

MEMORANDUM

TO City of Rockingham

FROM Daniel Panickar and Maitland Ely (Eco Logical Australia) on behalf of Frasers Property Australia



DATE 24/03/2023

PURPOSE For Information

SUBJECT Bushfire Management Plan Compliance Certification:

Document purpose

Eco Logical Australia (ELA) has prepared this Bushfire Management Plan (BMP) compliance report for 35 lots within Stage 10 of Baldivis Parks Estate, Baldivis (the subject site; Figure 1). Lots within Stage 10 are subject to Western Australian Planning Commission (WAPC) subdivision approval WAPC Ref. 161828.

This report provides a post-subdivisional works compliance assessment of bushfire management measures required to clear Condition 25 of subdivision approval as follows:

25. Information is to be provided to demonstrate that the measures contained in Section 4 of the Bushfire Management Plan prepared by Eco Logical Australia (dated 4 March 2022) have been implemented during subdivisional works. This information should include a completed 'Certification by Bushfire Consultant' from the bushfire management plan. (Local Government)

The approach for preparation of this BMP compliance report is consistent with Section 4.2 of the *Guidelines for Planning in Bushfire Prone Areas* (the Guidelines; WAPC 2021).

Compliance assessment

ELA (2022) includes a number of bushfire management measures that are required to ensure the proposed development will comply with the bushfire protection criteria in the Guidelines.

ELA has undertaken a bushfire risk assessment and compliance assessment to determine if the relevant bushfire management measures documented in the endorsed BMP have been undertaken (Table 1). In addition to the management measures listed in Section 4; Table 4 (ELA 2022).

Based on our assessment, ELA can confirm that the relevant bushfire management measures detailed in the endorsed BMP have been implemented as intended to a satisfactory level, with the exception of water supply and vehicular access which whilst not yet fully complete, have been progressed to a point that these measures are likely to be compliant, once completed.

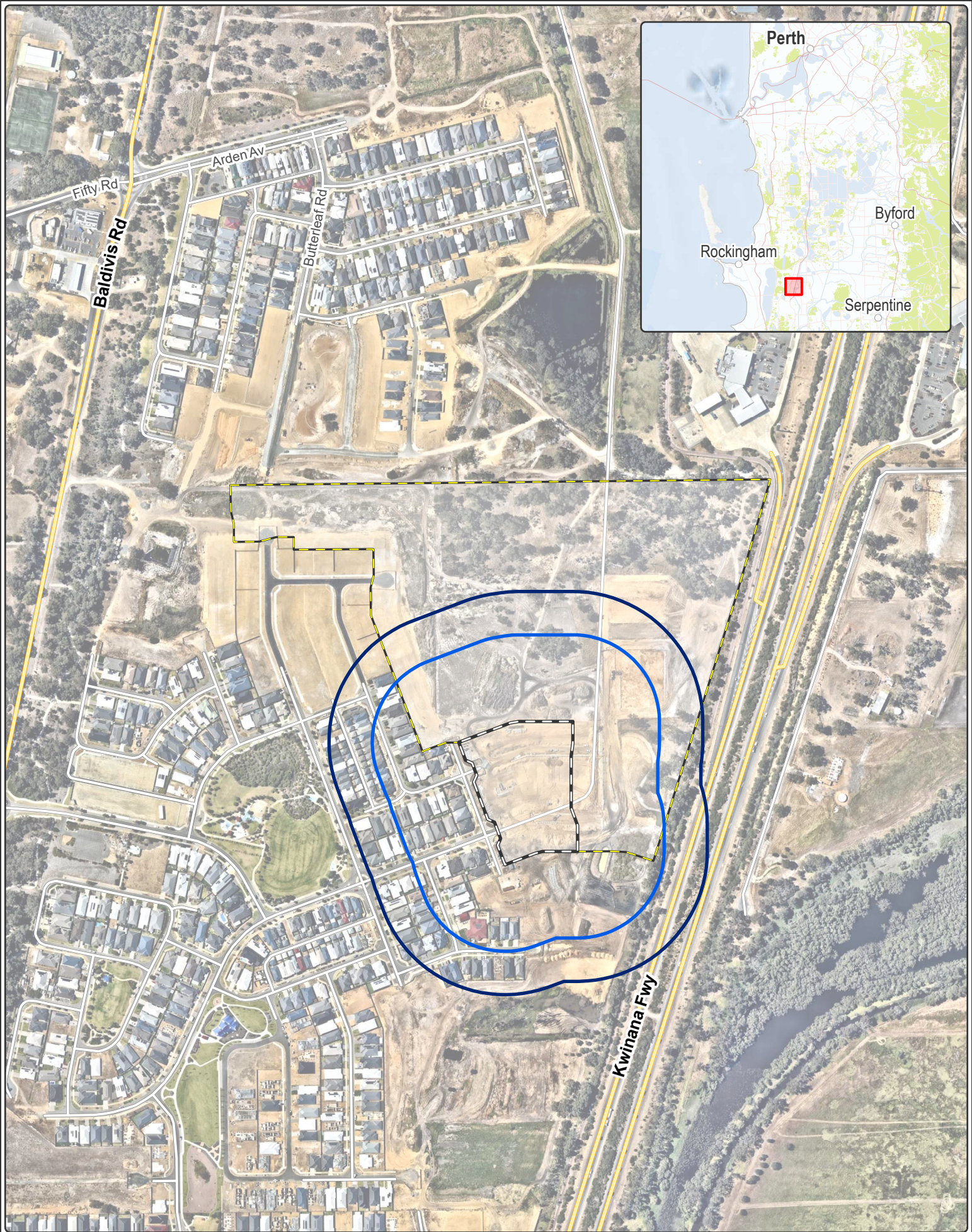




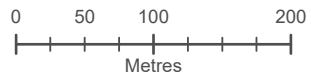


Figure 1: Site Overview

-  Subject site (Stage 10)
-  Subject lot
-  100m site assessment
-  150m site assessment



Datum/Projection:
GDA 1994 MGA Zone 50
22PER2999-SM Date: 24/03/2023



Table 1: Bushfire compliance assessment against Bushfire Management Plan ELA (2019)

BMP reference	Action	Implementation status	Compliance assessment
Bushfire Management Measure No 1 - Table 4 ¹	Clear and maintain APZs ² depicted in Figure 7 ³	The subject site has been cleared for development. Majority of land within 100 m of Stage 10 (within Baldivis Parks Estate) has been cleared or is being maintained as excluded vegetation areas as per clause 2.2.3.2 (f) of AS 3959: 2018. These areas will be maintained by the developer until sale/transfer of land.	Compliant All APZs as depicted in Figure 7 within the endorsed BMP have been implemented at the current time, ELA are satisfied that sufficient clearing and/or modification of vegetation to a low threat state has been undertaken to ensure BAL ⁴ ratings for lots within stage 10 are consistent with the endorsed BMP. Refer to Plate 1, Plate 2 & Plate 3 in Appendix A.
Bushfire Management Measure No 2 - Table 4	Ensure that APZs are cleared around each stage of subdivision if the entirety of the development depicted in Figure 7 is not developed in a single stage.	The subject site has been cleared for development. Majority of land within 100 m of Stage 10 (within Baldivis Parks Estate) has been cleared or is being maintained as excluded vegetation areas as per clause 2.2.3.2 (f) of AS 3959: 2018. These areas will be maintained by the developer until sale/transfer of land.	Compliant All APZs as depicted in Figure 7 within the endorsed BMP have been implemented at the current time, ELA are satisfied that sufficient clearing and/or modification of vegetation to a low threat state has been undertaken to ensure BAL ⁴ ratings for lots within stage 10 are consistent with the endorsed BMP. Refer to Plate 1, Plate 2 & Plate 3 in Appendix A.
Bushfire Management Measure No 3 - Table 4	Place Section 165 Notification on Title of all Lots within Bushfire Prone Areas	Notification will be placed on all titles with a rating of BAL-12.5 or greater in accordance with Condition 26 of subdivision approval.	Compliant Only lot 834 requires Notification on Title. Refer to Deposited Plan in Appendix C.
Bushfire Management Measure No 4- Table 4	Construct road network (including temporary cul-de-sacs and emergency access way) as per plan in Figure 7	All public roads will be constructed in accordance with the approved Roadworks Layout Plan which meets the technical requirements of the Guidelines. Two access routes to stage 10 will be provided with road connections established through previously development residential area adjacent to the west of stage 10. Temporary cul-de-sacs comply with the Guidelines. Emergency access way isn't relevant to this stage of subdivision.	Compliant Roads have been constructed in accordance with Roadworks layout plan in Appendix B. Refer to Plate 4, Plate 5 and Plate 6 in Appendix A that shows roads within the subdivision are constructed.

BMP reference	Action	Implementation status	Compliance assessment
Bushfire Management Measure No 5 - Table 4	Provision of reticulated water supply	installation of water supply has commenced in accordance with the approved Water Reticulation Plan. Hydrants had not yet been installed at time of assessment.	<p>Not complete</p> <p>Water supply not fully constructed yet, however if constructed in accordance with Water Reticulation Plan in Appendix D, this will be likely compliant.</p> <p>Refer to Plate 7 and Plate 8 in Appendix A that shows installation of reticulated water supply for the development is underway.</p>

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1. TABLE 4 OF THE ENDORSED BUSHFIRE MANAGEMENT PLAN (ELA 2022)
 2. ASSET PROTECTION ZONES
 3. FIGURE 7 OF THE ENDORSED BUSHFIRE MANAGEMENT PLAN (ELA 2022)
 4. BUSHFIRE ATTACK LEVEL
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References

Department of Planning (DoP), 2016, *Visual guide for bushfire risk assessment in Western Australia*. DoP, Perth.

Eco Logical Australia 2022. Baldivis Parks Estate, North-East Baldivis Subdivision Bushfire Management Plan. Prepared for Frasers Property Australia.

Standards Australia, 2018, *Construction of buildings in bushfire-prone areas, AS 3959: 2018*. SAI Global, Sydney.

Water Corporation, 2021, *Water Reticulation Standard Design and Construction Requirements for Water Reticulation Systems up to DN250, Design Standard DS 63 (Version 3, Revision 15)*. Water Corporation, Western Australia.

Western Australian Planning Commission, 2015, *State Planning Policy 3.7 Planning in Bushfire Prone Areas*. WAPC, Perth.

Western Australian Planning Commission, 2017, *Guidelines for Planning in Bushfire Prone Areas Version 1.3 (including appendices)*, WAPC, Perth.

Western Australian Planning Commission, 2021, *Guidelines for Planning in Bushfire Prone Areas Version 1.4 (including appendices)*, WAPC, Perth.

Appendix A Photographic evidence of compliance



Plate 1: Evidence of APZ area being managed and maintain to a low threat state



Plate 2: Evidence of APZ area being managed and maintain to a low threat state



Plate 3: Evidence of APZ area being managed and maintain to a low threat state



Plate 4: Evidence of construction of roads in accordance with Roadworks layout plan.



Plate 5: Evidence of construction of roads in accordance with Roadworks layout plan.



Plate 6: Evidence of construction of roads and temporary cul-de-sac turn around area in accordance with Roadworks layout plan (Frasers Property Australia Photo).

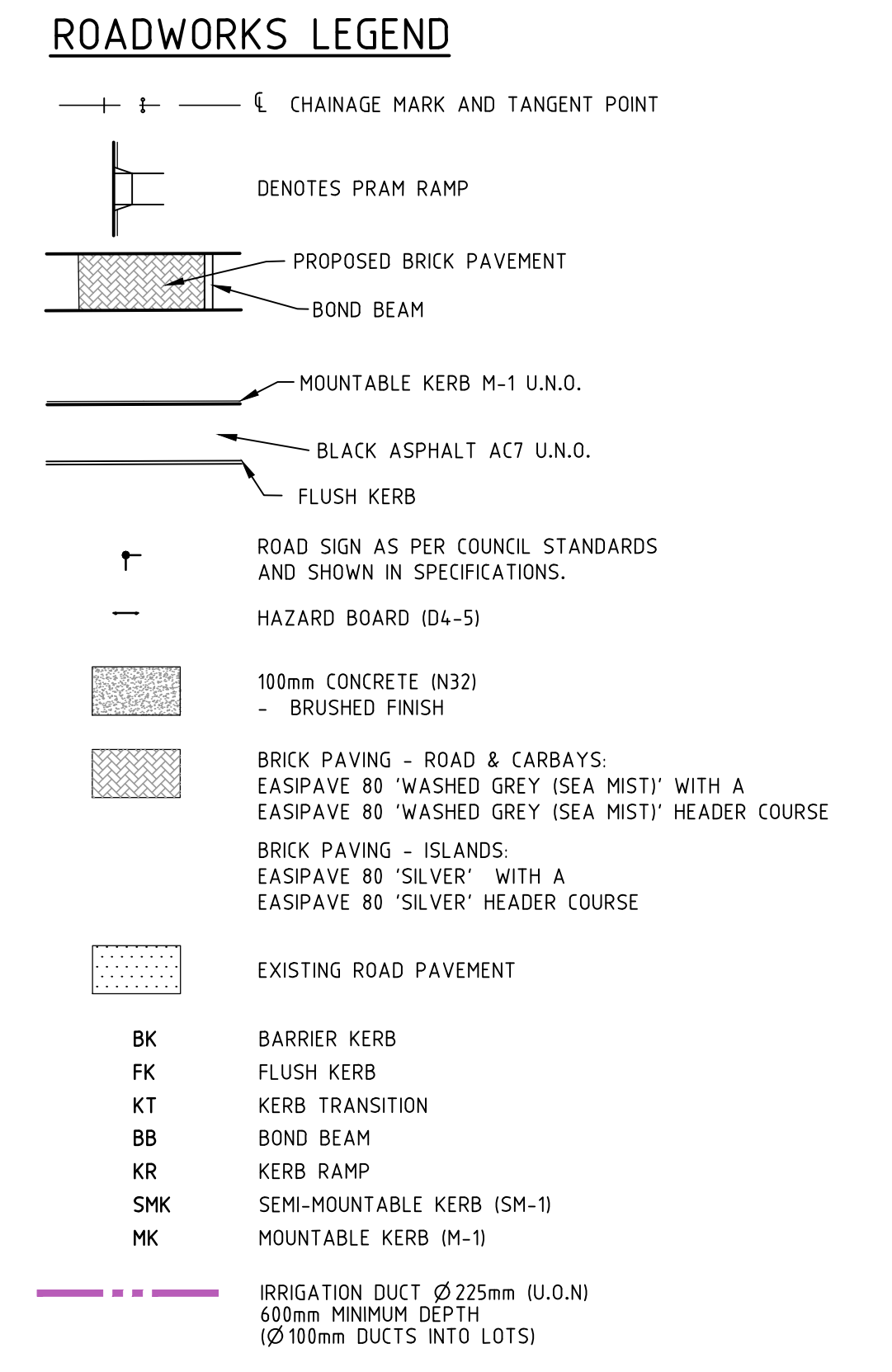
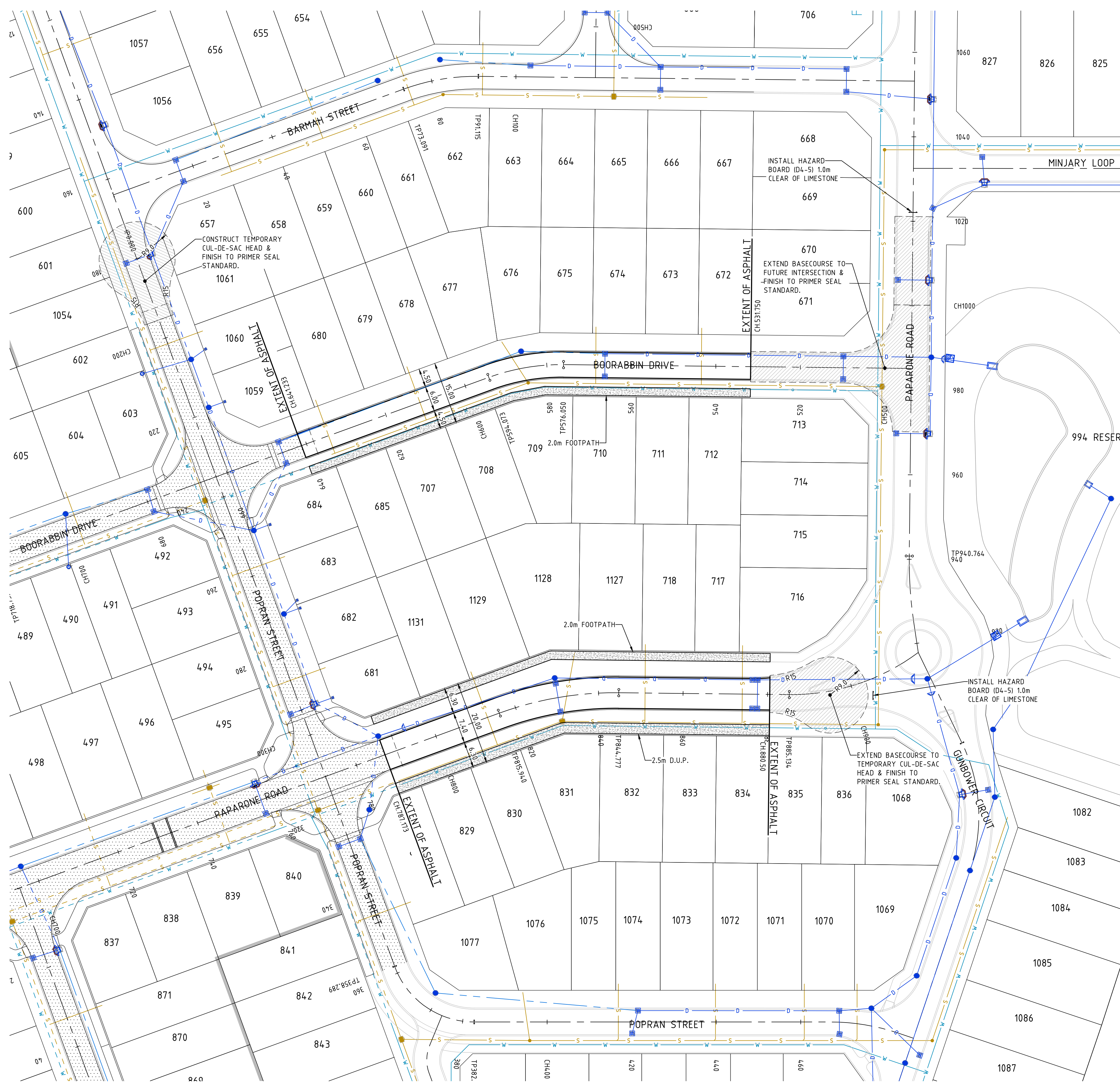


Plate 7: Evidence of installation of reticulated water within construction site is underway.



Plate 8: Evidence of installation of reticulated water within construction site is underway. (Frasers Property Australia Photo).

Appendix B Roadworks layout plan



- ### NOTES:
1. LEVEL DATUM - AUSTRALIAN HEIGHT DATUM
 2. THE CONTRACTOR SHALL CO-ORDINATE THE LOCATION OF ALL EXISTING AND PROPOSED SERVICES PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS ARE TO BE REPORTED TO THE SUPERINTENDENT IMMEDIATELY
 3. THE CONTRACTOR SHALL LOCATE ALL LEVELS FROM EXISTING BENCH MARKS
 4. ALL BENCH MARKS ARE TO BE PROTECTED
 5. SERVICES, SUCH AS WATER, GAS, TELEPHONE, ELECTRICITY, AND DRAINAGE MAY BE ENCOUNTERED DURING CONSTRUCTION OF THE WORKS. SERVICES INFORMATION SHOWN ON DRAWINGS IS INDICATIVE ONLY AND MAY NOT BE COMPLETE. BEFORE EXCAVATION COMMENCES THE LOCATION OF ALL SUCH SERVICES SHALL BE OBTAINED FROM THE RELEVANT AUTHORITIES
 6. ALL KERBS TO BE MOUNTABLE TYPE M-1 U.N.O.
 7. FOOTPATHS IN FRONT OF WALLS TO BE WIDENED TO FACE OF WALL
 8. FOR CROSSOVER DETAILS REFER TO CITY OF ROCKINGHAM STANDARD DRAWINGS
 9. PATHS TO BE 0.3m FROM BOUNDARY U.N.O.
 10. CLEARING SHALL BE KEPT TO AN ABSOLUTE MINIMUM
 11. SIGN POSTS AND STREET NAME PLATES SHALL BE SUPPLIED AND INSTALLED AS PER THE SPECIFICATION
 12. REFER TO DRAWING BDVAUS49 R04 FOR STANDARD DETAILS



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No.	DATE	BY	REVISION
0	11/08/22	BWB	ISSUED FOR CONSTRUCTION
B	13/05/22	BWB	EXTENT OF ASPHALT AMENDED TO SUIT PRECAL REVISION
A	10/02/22	BWB	INITIAL ISSUE

CLIENT:

DEVELOPMENT
ENGINEERING
CONSULTANTS

SUITE 3, 123A COLIN ST.
WEST PERTH, 6005
WESTERN AUSTRALIA
Ph: (08) 9481 1900
Fax: (08) 9481 1700

PROJECT:

**BALDIVIS EAST
DEVELOPMENT
STAGE 10**

W.A.P.C. No. - 161828

DRAWING:

**ROADWORKS
LAYOUT PLAN**

CAD DRAWING DO NOT MANUALLY ALTER

SCALE	1:500	DRAWN	BWB	CHECK	SRA	REV No.	0
DATE	DEC 2021	DESIGNED	BWB	APPROVED	SRA		
PROJECT NUMBER	DRAWING NUMBER						
		BDVAUS49 R01					

Appendix C Deposited Plan

Plan Information	
Tenure Type	Freehold
Plan Type	Deposited Plan
Plan Purpose	Subdivision

Plan Heading
 Lots 672-685, 707-712, 717, 718, 828-834, 1059, 1060, 1127-1129, 1131, 9025, Roads, Easements and Restrictive Covenant

Locality & Local Government	
Locality	Baldivis
Local Government	City of Rockingham

Department of Planning, Lands and Heritage	
File Number	N/A

Examination	
Examined	Date

Planning Approval	
Planning Authority	WAPC
Reference	161828

Delegated under S. 16 P&D Act 2005	Date
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In Order For Dealings	
Subject To	

For Registrar of Titles	Date
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Plan Approved
 REG 26A (1)(4)

Inspector of Plans and Surveys	Date
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Survey Details	
Field Records	123309
Declared as Special Survey Area	Yes

Survey and Plan Notation
 LIMITED IN DEPTH TO 60.96 METRES EXCEPT AS TO LOT 539

Survey carried out under Reg. 26A(1) Deferred Final Marking Approval. Approval ID D016-23 dated 10 February 2023 : Landgate File 00007-2023

Survey Method Regulatory Statement
 Survey carried out under Reg. 26A Special Survey Area Guidelines. See survey sheet(s) to determine the true final position and type of all survey marks placed for this plan.

Survey Certificate - Regulation 54
 I, DAVID JAMES GIBB hereby certify that this plan is accurate and is a correct representation of the -
 (a) survey; and
 (b) calculations from measurements recorded in the field records, undertaken for the purposes of this plan and that it complies with the relevant written law(s) in relation to which it is lodged.

Licensed Surveyor	Date
-------------------	------

Survey Organisation	
Name	VERIS
Address	MT HAWTHORN 6915
Phone	6241 3333
Fax	6241 3300
Email	lodgements.wa@veris.com.au
Reference	609975-S010-DJG

Former Tenure				
New Lot / Land	Parent Plan Number	Parent Lot Number	Title Reference	Subject Land Description
Lots 672-685, 707-712, 717, 718, 828-834, 1059, 1060, 1127-1129, 1131 & 9025	Lot 9027	DP 424281		

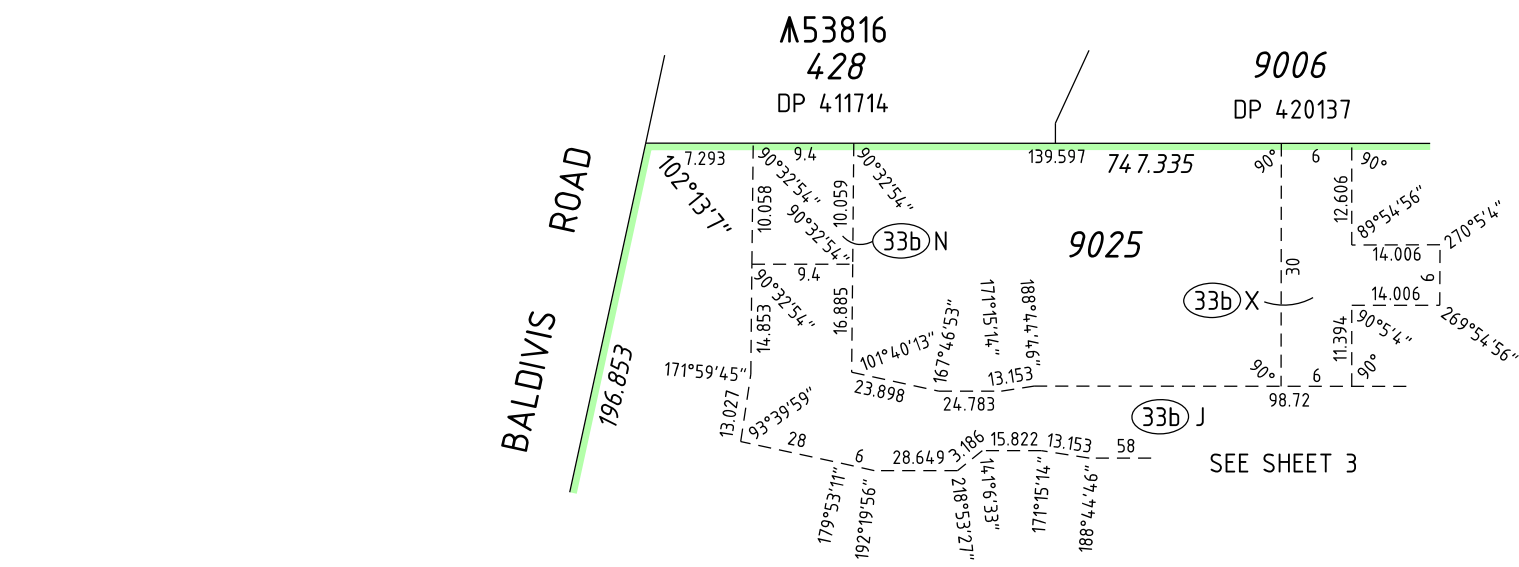
Former Tenure Interests and Notifications						
Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
(33b) J	Easement (Sewerage)	Sec 167 of the P & D Act Reg33(b)	DP 403189	Lot 9025	Water Corporation	
(33b) N	Easement (Sewerage)	Sec 167 of the P & D Act Reg33(b)	DP 403190	Lot 9025	Water Corporation	
(33b) B	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	DP 403189	Lot 9025	Water Corporation	
(33b) F	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	DP 403190	Lot 9025	Water Corporation	
(33b) O	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	DP 403190	Lot 9025	Water Corporation	
(33c) C	Easement (Electricity Supply)	Sec 167 of the P & D Act Reg33(c)	DP 403189	Lot 9025	Electricity Networks Corporation	
(33c) D	Easement (Electricity Supply)	Sec 167 of the P & D Act Reg33(c)	DP 403190	Lot 9025	Electricity Networks Corporation	
(33b) P	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	DP 405201	Lot 9025	Water Corporation	
(33b) R	Easement (Sewerage)	Sec 167 of the P & D Act Reg33(b)	DP 406069	Lot 9025	Water Corporation	
(33b) V	Easement (Sewerage)	Sec 167 of the P & D Act Reg33(b)	DP 406834	Lot 9025	Water Corporation	
(33b) X	Easement		Doc N971268	Lot 9025	Water Corporation	
(X)	Easement					
(33a)	Easement (Drainage)	Sec 167 of the P & D Act Reg33(a)	DP 67482	Lot 9025	City of Rockingham	
(33b) Y	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	DP 67482	Lot 9025	Water Corporation	
(33c) F	Easement (Electricity Supply)	Sec 167 of the P & D Act Reg33(c)	DP 67482	Lot 9025	Electricity Networks Corporation	
(33e)	Easement (Telecommunications Supply)	Sec 167 of the P & D Act Reg33(e)	DP 67482	Lot 9025	NBN Co Ltd	
(33a) B	Easement (Drainage)	Sec 167 of the P & D Act Reg33(a)	DP 422527	Lot 9025	City of Rockingham	

New Interests						
Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
(33b)	Easement (Sewerage & Water Supply)	Sec 167 of the P & D Act Reg33(b)	This Plan	Lot 9025	Water Corporation	
(33c) G	Easement (Electricity Supply)	Sec 167 of the P & D Act Reg33(c)	This Plan	Lot 9025	Electricity Networks Corporation	
	Restrictive Covenant	Sec 136D of the TLA	This Plan & Doc	All Lots Except Lot 9025	All Lots Except Lot 9025	
(F)	Restrictive Covenant	Sec 129BA of the TLA	Doc	Lot 9025	Electricity Networks Corporation	Fire Separation

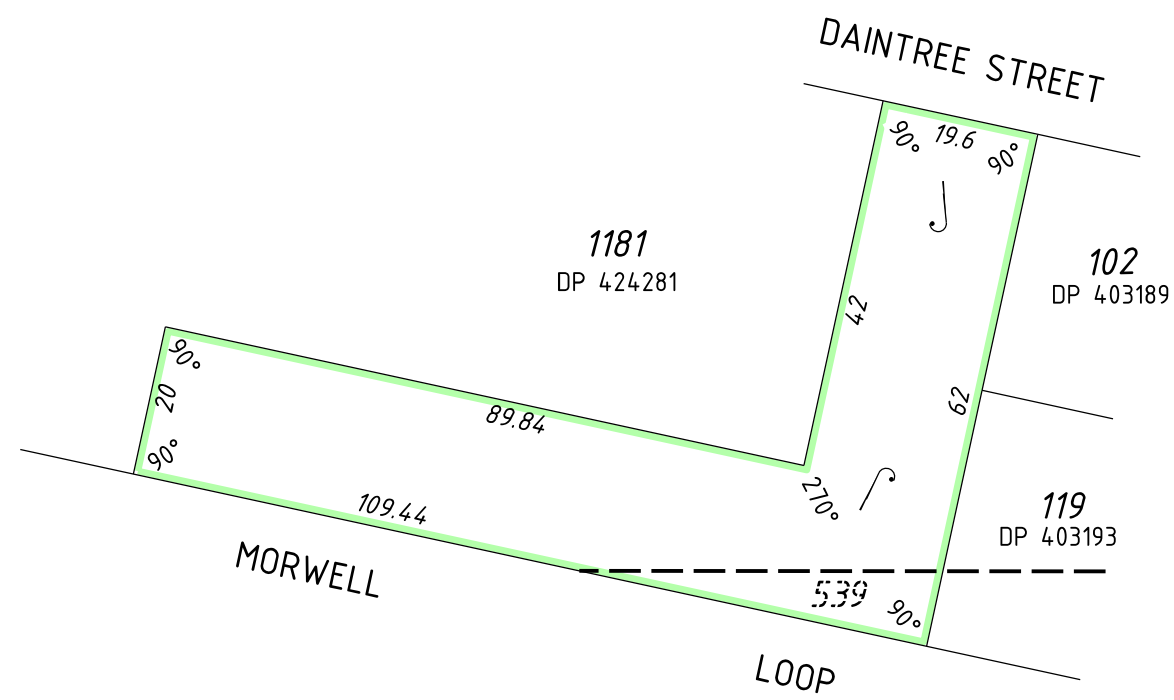
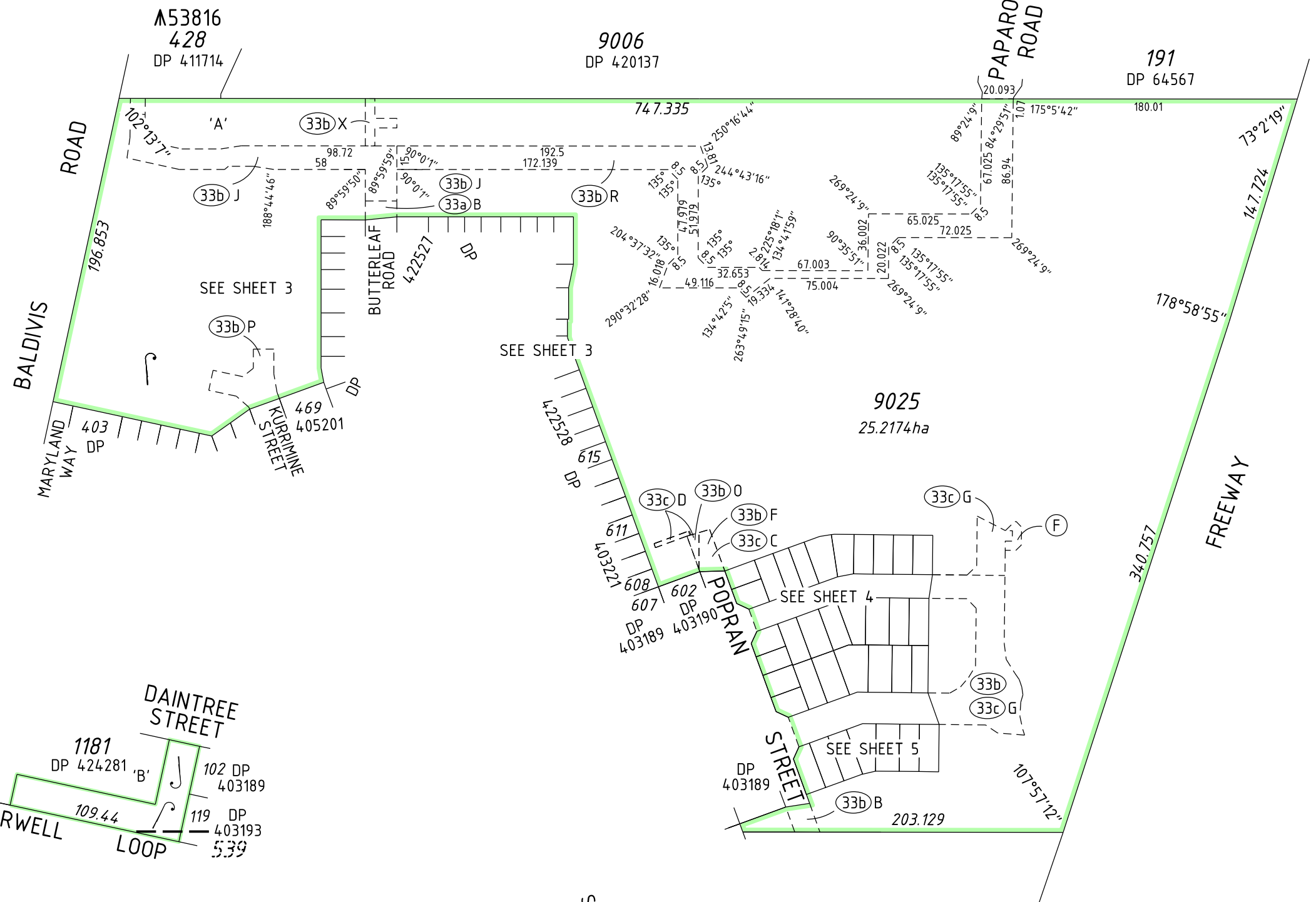
New Notifications and Memorials						
Subject	Purpose	Statutory Reference	Origin	Land Burdened	Benefit To	Comments
	Notification	Sec 165 of the P & D Act	Doc	All Lots Except Lot 9025		Mosquitoes
	Notification	Sec 165 of the P & D Act	Doc	Lots 833 & 834		Bushfire Management Plan

PRELIMINARY ONLY UNLODGED VERSION SUBJECT TO LANDGATE AUDIT
 This plan is
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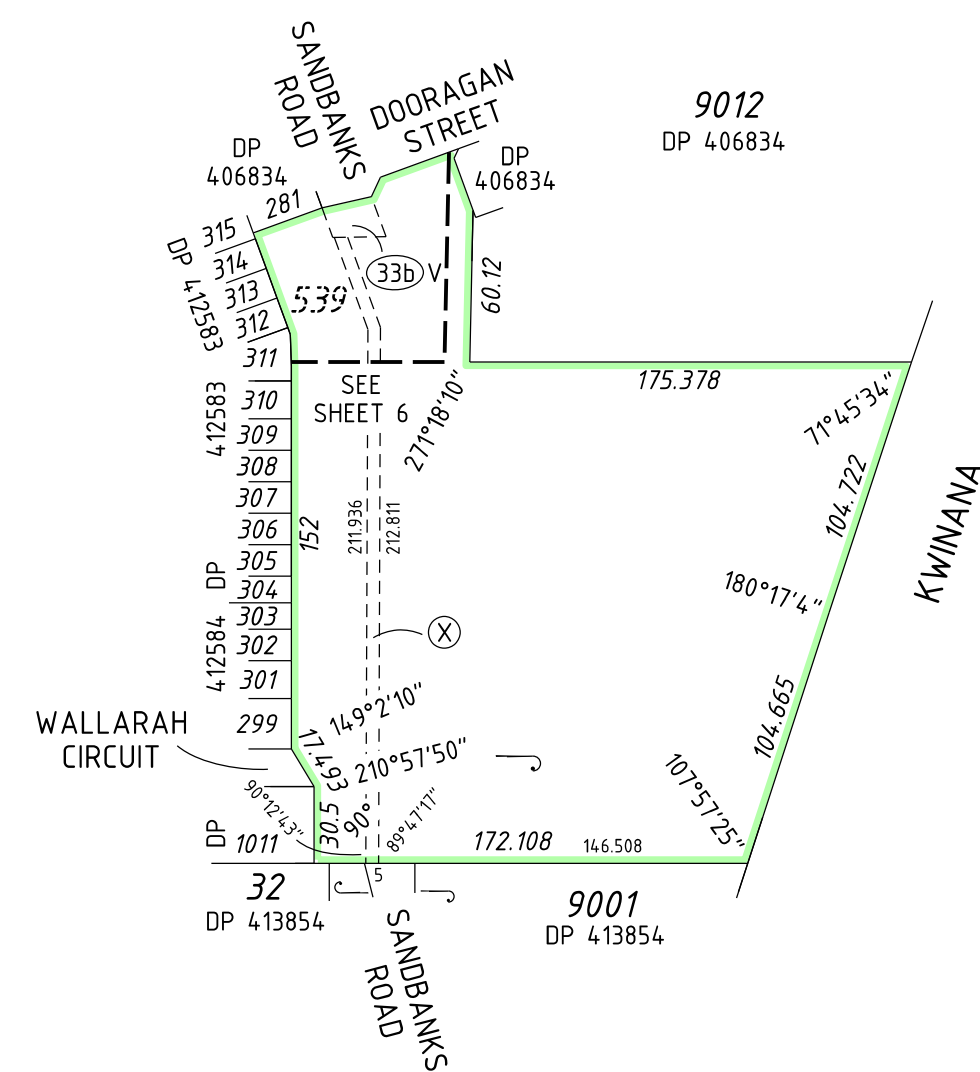
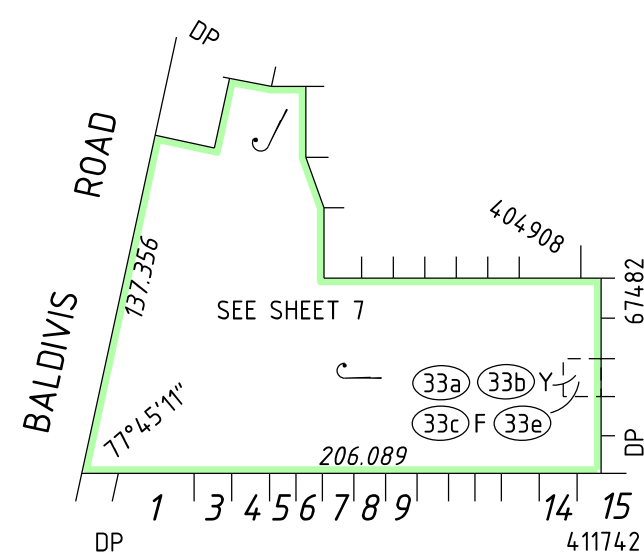
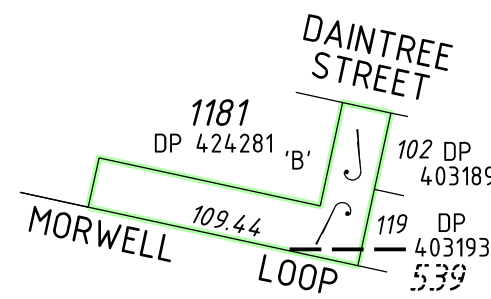
LIMITED IN DEPTH TO 60.96 METRES EXCEPT AS TO LOT 539



ENLARGEMENT AT 'A'
NOT TO SCALE



ENLARGEMENT AT 'B'
NOT TO SCALE



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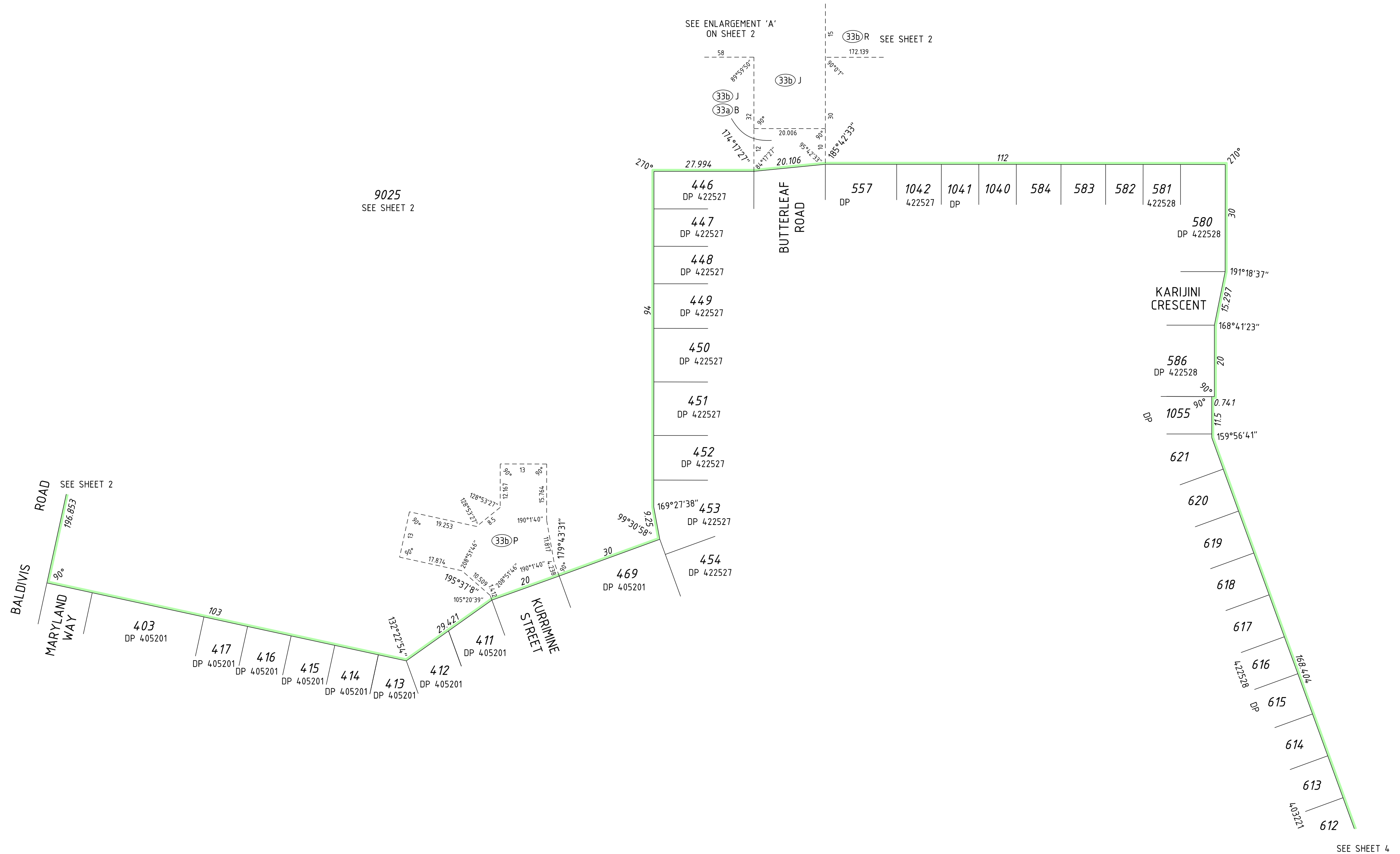
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ADDITIONAL SHEETS
Survey Sheet(s)

SHEET SHEETS VERSION NUMBER
2 OF 7 1

DEPOSITED PLAN
423253

LIMITED IN DEPTH TO 60.96 METRES EXCEPT AS TO LOT 539



9025
SEE SHEET 2

SEE ENLARGEMENT 'A'
ON SHEET 2

33b R SEE SHEET 2

33b J
33a B

33b J

30° 0' 0"

172.139

270° 27.994

BUTTERLEAF ROAD

557 DP

1042 422527

1041 DP

1040

584

583

582

581 422528

580 DP 422528

30

KARIJINI CRESCENT

191° 18' 37"

15.297

168° 41' 23"

586 DP 422528

20

90°

1055

0.741

11.5

159° 56' 41"

621

620

619

618

617

616

615 DP

614

613

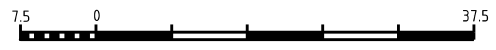
612

125.58

198.404

127.304

SEE SHEET 4



SCALE: 1:750 AT A2 SIZE

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Survey Sheet(s)

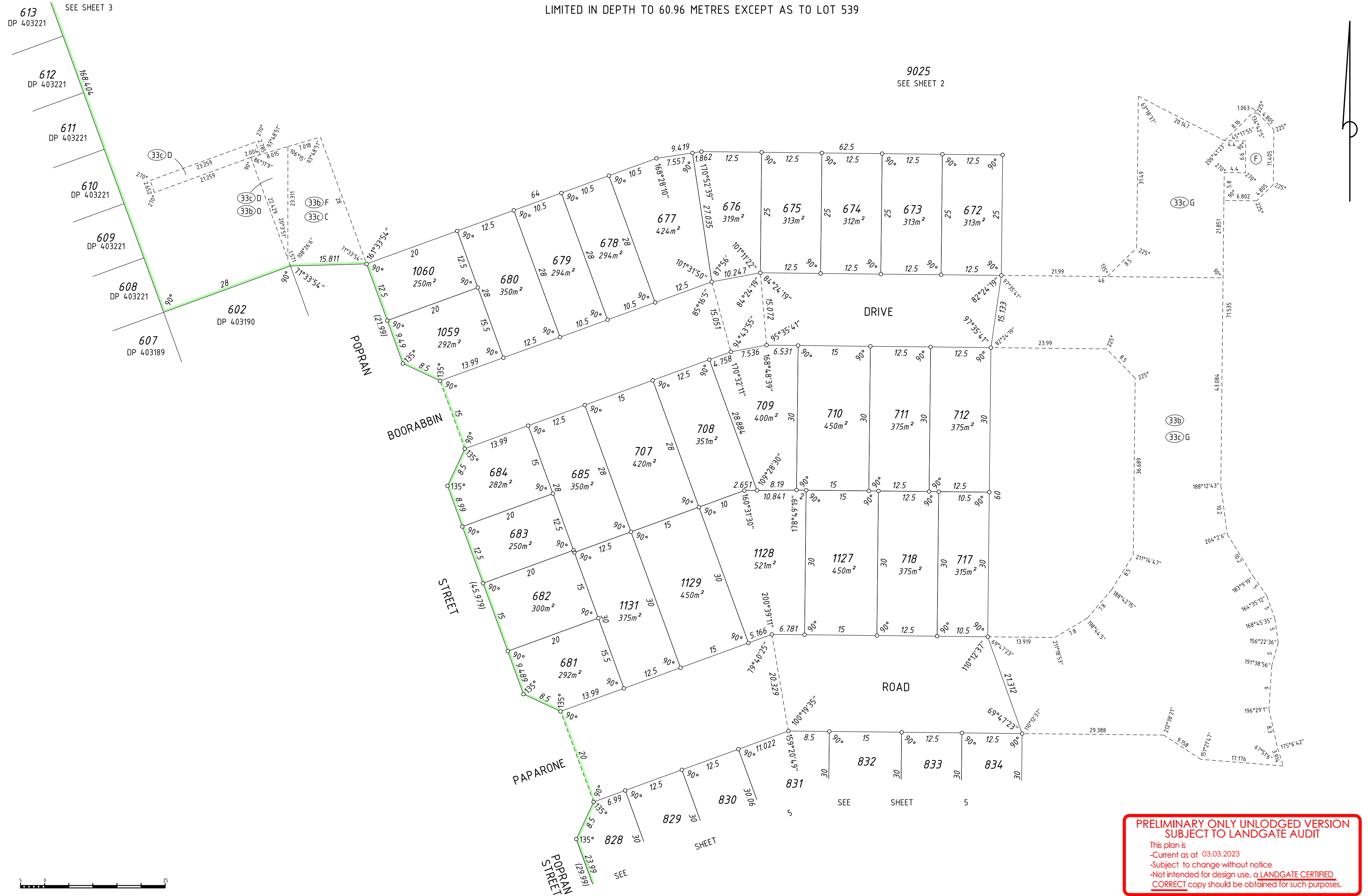
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3 OF 7

VERSION NUMBER
1

DEPOSITED PLAN
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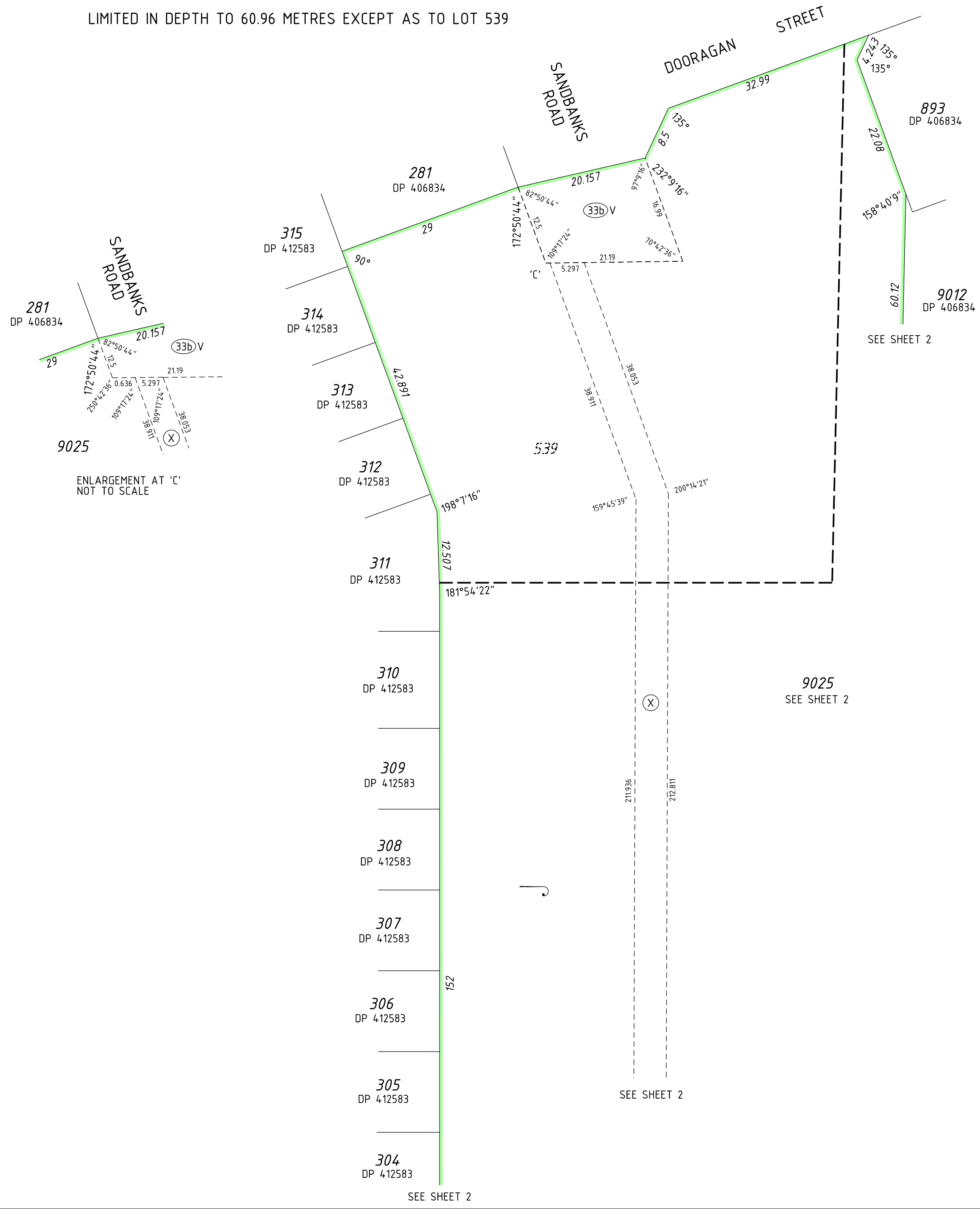
LIMITED IN DEPTH TO 60.96 METRES EXCEPT AS TO LOT 539



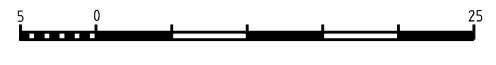
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ENLARGEMENT AT 'C'
NOT TO SCALE



SCALE: 1:500 AT A2 SIZE

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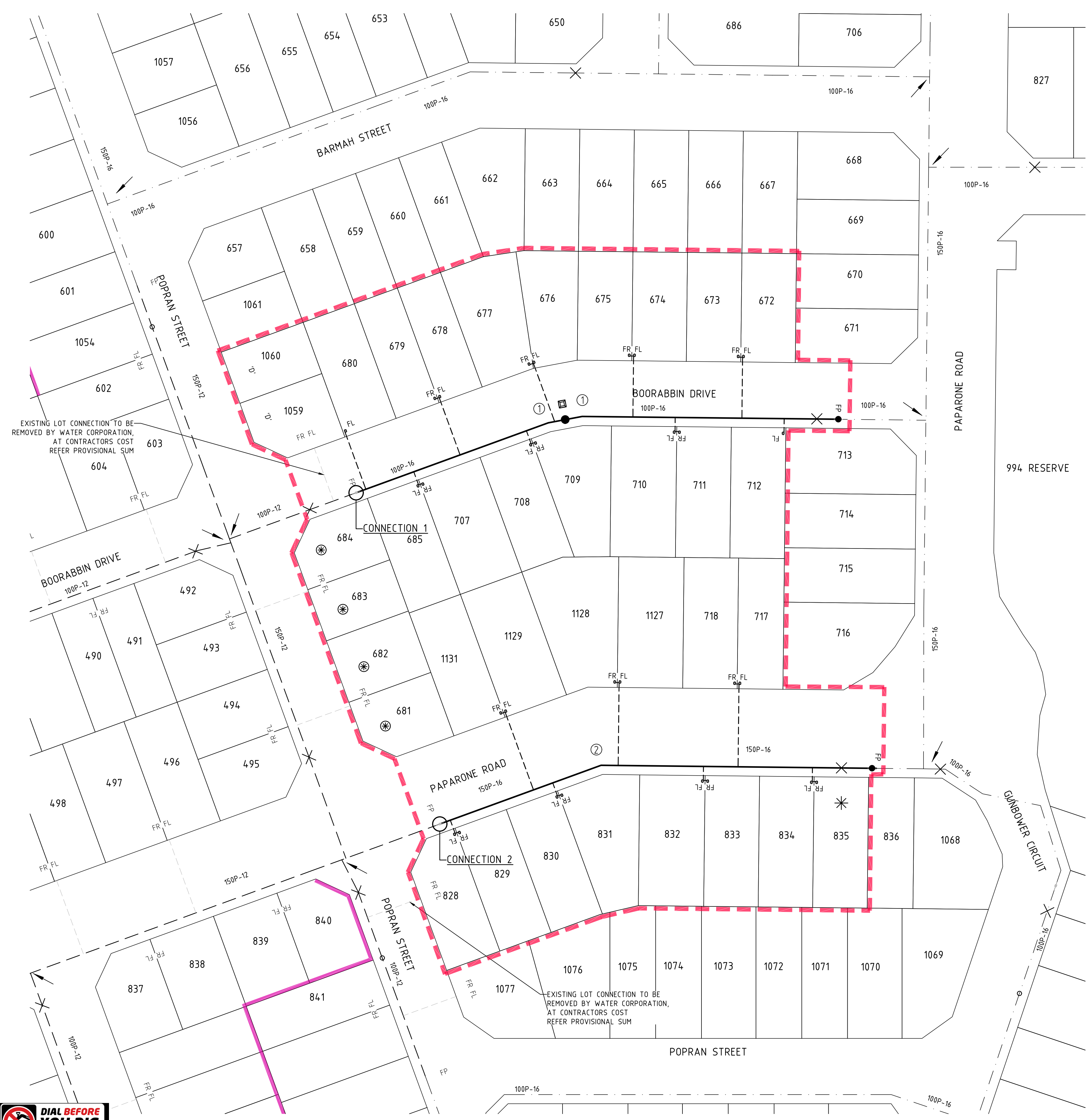
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ADDITIONAL SHEETS
Survey Sheet(s)

SHEET	SHEETS	VERSION NUMBER
6	OF 7	1

DEPOSITED PLAN
423253

Appendix D Water reticulation plan



LEGEND

- AGREEMENT BOUNDARY
- EXISTING WATER MAIN, PIPE SIZE AND TYPE
- NEW WATER MAIN, PIPE SIZE AND TYPE
- FUTURE WATER MAIN, PIPE SIZE AND TYPE
- CHANGE OF PIPE SIZE, MATERIAL OR ALIGNMENT
- EXISTING HYDRANT
- NEW HYDRANT
- RRP (BLUE) - 170mm OFF CL VALVE
- FLUSHING POINT
- 80mm UPVC DUCT
- LOCATION OF LONG SERVICE
- DENOTES 11.25° BEND
- DENOTES 22.5° BEND
- DENOTES 45° BEND
- DENOTES 90° BEND
- DEFLECTION <8"
- DEFERRED SERVICES
- SERVICE LOCATION
- INDICATES LOTS IN FUTURE STAGE BUT SERVICES TO BE LAID NOW (FULLY PRELAI SERVICE)
- INDICATES LOTS WHERE SERVICES LAID IN PREVIOUS STAGE - TO BE LOCATED & SET AT CORRECT LEVELS FOR F.T.I.
- POWER EXCLUSION ZONE
- PROPOSED RETAINING WALL
- FUTURE RETAINING WALL

GENERAL NOTES

1. ALL PIPES, VALVES AND FITTINGS SHALL BE IN ACCORDANCE WITH THE WATER CORPORATION'S 'DESIGN STANDARDS DS63' WATER RETICULATION STANDARD, TABLE 3.1 "STANDARD WATER RETICULATION SYSTEM REQUIREMENTS".
2. THE DIFFERENCE IN LEVEL BETWEEN THE CROWN OF THE PIPE AND ADJACENT FINISHED ROAD GUTTER SHALL NOT BE LESS THAN 600mm AND SHALL NOT EXCEED 700mm
3. UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT, THE DIFFERENCE IN LEVEL BETWEEN THE CROWN OF THE PIPE AND THE FINISHED VERGE LEVEL SHALL BE NOT LESS THAN 600mm AND SHALL NOT EXCEED 800mm
4. WHERE PIPES CROSS OR ADJOIN OTHER EXISTING OR PROPOSED SERVICES, THE WATER MAIN SHALL HAVE A CLEARANCE OF 150mm
5. UNLESS OTHERWISE SHOWN ON THIS DRAWING OR VARIED BY THE SUPERINTENDENT, ALL PIPES AND FITTINGS SHALL BE LAID ON AN ALIGNMENT OF 2.1m FROM THE CENTRE OF THE PIPE TO THE ROAD RESERVE BOUNDARY
6. TEMPORARY DEAD ENDS, INSTALLED IN ACCORDANCE WITH THE SPECIFICATION, SHALL BE PROVIDED ON ALL MAINS AT CONNECTION POINTS TO EXISTING MAINS AND WHERE SPECIFIED
7. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN
8. UNLESS DIMENSIONED OTHERWISE, PE MAINS SHALL EXTEND AT LEAST 6.0m PAST THE LAST LOT SERVED
9. ALL VALVES AND HYDRANTS SHALL BE PLACED OPPOSITE BOUNDARY PEGS OR IN THE CENTRE OF LOT FRONTAGES AS SHOWN
10. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE STANDARD DETAILS, WATER CORPORATION'S 'DESIGN STANDARDS DS63' AND THE SPECIFICATION
11. EXISTING POWER POLES ARE TO BE SUPPORTED DURING LAYING OF THE WATER MAIN, BY WESTERN POWER, AT CONTRACTORS EXPENSE
12. ALL LOT CONNECTIONS AT FRONT
13. PIPES TO BE DEFLECTED WHERE BEND TYPE NOT SPECIFIED
14. CONTRACTOR TO INSTALL 1 x RRP (BLUE) ON ROAD (170mm OFFSET FROM CL) OPPOSITE ALL HYDRANTS.
15. REFER TO BDVAUS49 V01 FOR TYPICAL SERVICE LAYOUT DETAILS

CONTRACTORS RESPONSIBILITY

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THE INDICATED POSITIONS FOR PRELAI SERVICES DO NOT CLASH WITH DRAINAGE OR OTHER FACILITIES. PLEASE CONTACT THE SITE SUPERINTENDENT IF AMENDMENTS TO THE PRELAI SERVICE LOCATIONS ARE REQUIRED

SERVICES

- L OR R INDICATES THE SIDE OF THE LOT AS VIEWED FROM THE ROAD
- FR OR FL INDICATES LEFT OR RIGHT FULLY PRELAI SERVICE
- D INDICATES A DEFERRED SERVICE
- L80 OR R80 INDICATES LEFT OR RIGHT PVC DUCT.

PRELAI SHORT SINGLE SERVICES:	1
PRELAI SHORT DUAL SERVICES:	7
PRELAI LONG SINGLE SERVICES:	1
PRELAI LONG DUAL SERVICES:	7
DEFERRED SERVICES:	2
TOTAL NUMBER OF LOTS SERVED-	32

EXTENSION

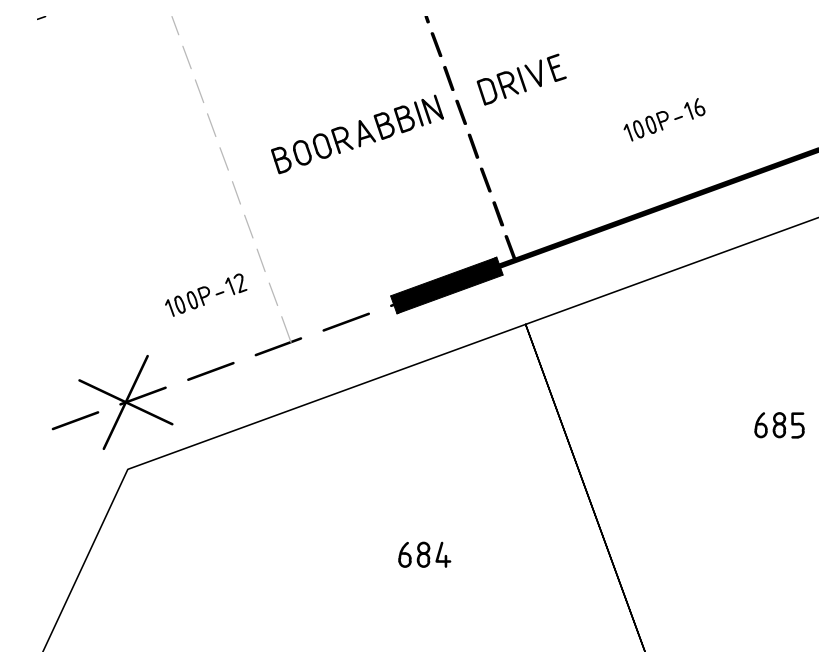
LAY 102.5	METRES OF 150P-16
LAY 113.6	METRES OF 100P-16

STRUCTURES

HYDRANTS	1
VALVES	2

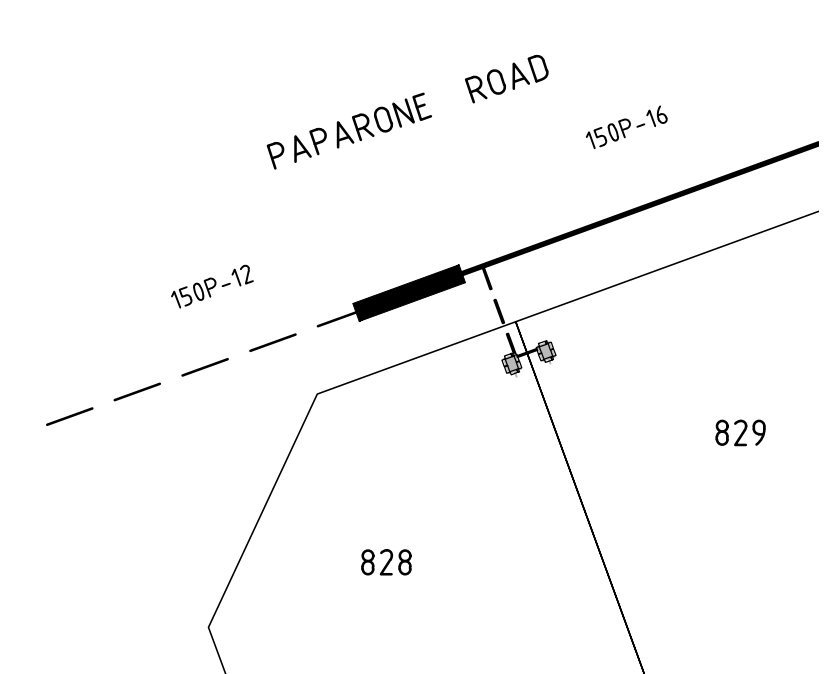
STANDARD DRAWINGS

AS LISTED IN CURRENT WATER CORPORATION WATER SUPPLY RETICULATION MANUAL



CONNECTION DETAIL 1

NTS
100 STRAIGHT CONNECTION BY WATER CORPORATION AT DEVELOPERS EXPENSE. FEE INCLUDED IN LAND DEVELOPMENT AGREEMENT.



CONNECTION DETAIL 2

NTS
150 STRAIGHT CONNECTION BY WATER CORPORATION AT DEVELOPERS EXPENSE. FEE INCLUDED IN LAND DEVELOPMENT AGREEMENT.

MSWA RETICULATION SUBMISSION
THIS PLAN IS ACCEPTED AS BEING IN ACCORDANCE WITH THE ENDORSED MSWA CONCEPT PLAN
LR77-100-001-01A
COMPLIANCE WITH THIS CONCEPT PLAN AND WATER CORPORATION MANUALS HAVE NOT BEEN CHECKED AND REMAINS THE RESPONSIBILITY OF THE CONSULTING ENGINEER.
RECEIVED LAND SERVICING: _____
PLAN No. -NW49-103-001-01A
FILE No. - 129055150



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No.	DATE	BY	REVISION
0	11/08/22	BWB	ISSUED FOR CONSTRUCTION
C	13/05/22	BWB	WATER LAYOUT AMENDED TO SUIT PRECAL REVISION
B	02/02/22	BWB	COMMENTS RECEIVED, WATER CORPORATION NUMBERS ADDED
A	19/01/22	BWB	INITIAL ISSUE

CLIENT:

DEVELOPMENT
ENGINEERING
CONSULTANTS

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PROJECT:
BALDIVIS EAST DEVELOPMENT STAGE 10
W.A.P.C. No. - 161828

DRAWING:
WATER RETICULATION LAYOUT PLAN
CAD DRAWING DO NOT MANUALLY ALTER

SCALE	1:500	DRAWN	BWB	CHECK	SRA	REV No.	0
DATE	DEC 2021	DESIGNED	BWB	APPROVED	SRA		
PROJECT NUMBER	DRAWING NUMBER		BDVAUS49 W01				