

IMPORTANT NOTES & CAUTIONS:-

- These plans have been prepared at a reduction ratio at A3 as shown. The accuracy of any enlargement or other reproduction may be less than that of the original
- All levels shown on this plan are reduced to the level based on SSM 1381 with an RL 356.555
- Survey orientation is to Grid North and based on GDA 2020 co-ordinate system
- The cadastre shown on this plan has been located to a standard of accuracy in accordance with Regulation 10 of the Surveying & Spatial Information Regulation 2017. The boundaries have not been marked by this survey. It is our recommendation that marks to define the boundaries should be placed if any construction work is to be undertaken on or near the boundaries
- No title searches have been completed on the subject land(s)
- All utility services shown on this drawing are approximate only and have been located from survey data & site investigation. It is the responsibility of the contractor to confirm services prior to any and all work on site - phone dial before you dig. Before commencing any excavation or construction on this site, you should contact the relevant authorities for verification of the location & depth of their services
- This site survey was carried out using Differential Global Navigational Satellite System technology (GNSS) on various dates at the start of July 2024
- Tree canopies shown are approximate only
- This plan is copyright and is not to be copied or reproduced in whole or in part without the prior written approval of Bath Stewart Associates Pty Ltd. Upon payment of all fees invoiced to complete this survey, the client, shall have a licence to use this drawing, (for which it was originally prepared), without the requirement to obtain the afore
- These notes are an integral part of this plan

SURVEY LEGEND

- K.I.P. Kerb Inlet Pit
- / --- / --- Fence
- 50.29m Boundary & Dimension
- 384.0 Contour & Height (0.2m Interval)
- 477.885 Spot Level
- T Underground Telstra Cables
- W100 Watermains & Size
- WS Waterservices
- E Underground Electrical Cables
- S Sewer Pipes and Manholes
- S W Stormwater Pipe & Size
- G Gasmain





TYPICAL INFORMATION

1.

This concept is base on the shed dimensions of 22.69mWide x 138.15 mLong with a 30m clearance between the sheds
2.

The area of the site (sheds and swale drains) is 240,000m<sup>2</sup>

- Cut / Fill 96,000m<sup>3</sup>

- Shortage 46,000m<sup>3</sup>

- No culvert structures shown with location (s) and size to be determined in detail design phase
3.

The access road is 1,800m in Length

- Cut / Fill 3,700m<sup>3</sup>
4.

Dam is 52,000m<sup>2</sup> around the outside bottom of batter and has a Capacity of 160ML

- Cut / Fill 36,000m<sup>3</sup>

- Spoil 73,000m<sup>3</sup>
5.

Landscaping / Trees shown are indicative only and shall be moved to suit the limit of works with the variety and number to be as per design plans

This information is provided as a guide ONLY and will vary once the final design plans are produced as swale drains / road cross falls / pavement thickness have not been taken into account

SURVEY LEGEND

- K.I.P.

Kerb Inlet Pit
- - - - -

Fence
- 50.29m

Boundary & Dimension
- 384.0

Contour & Height (0.2m Interval)
- 477.885

Spot Level
- T

Underground Telstra Cables
- W100

Watermains & Size
- WS

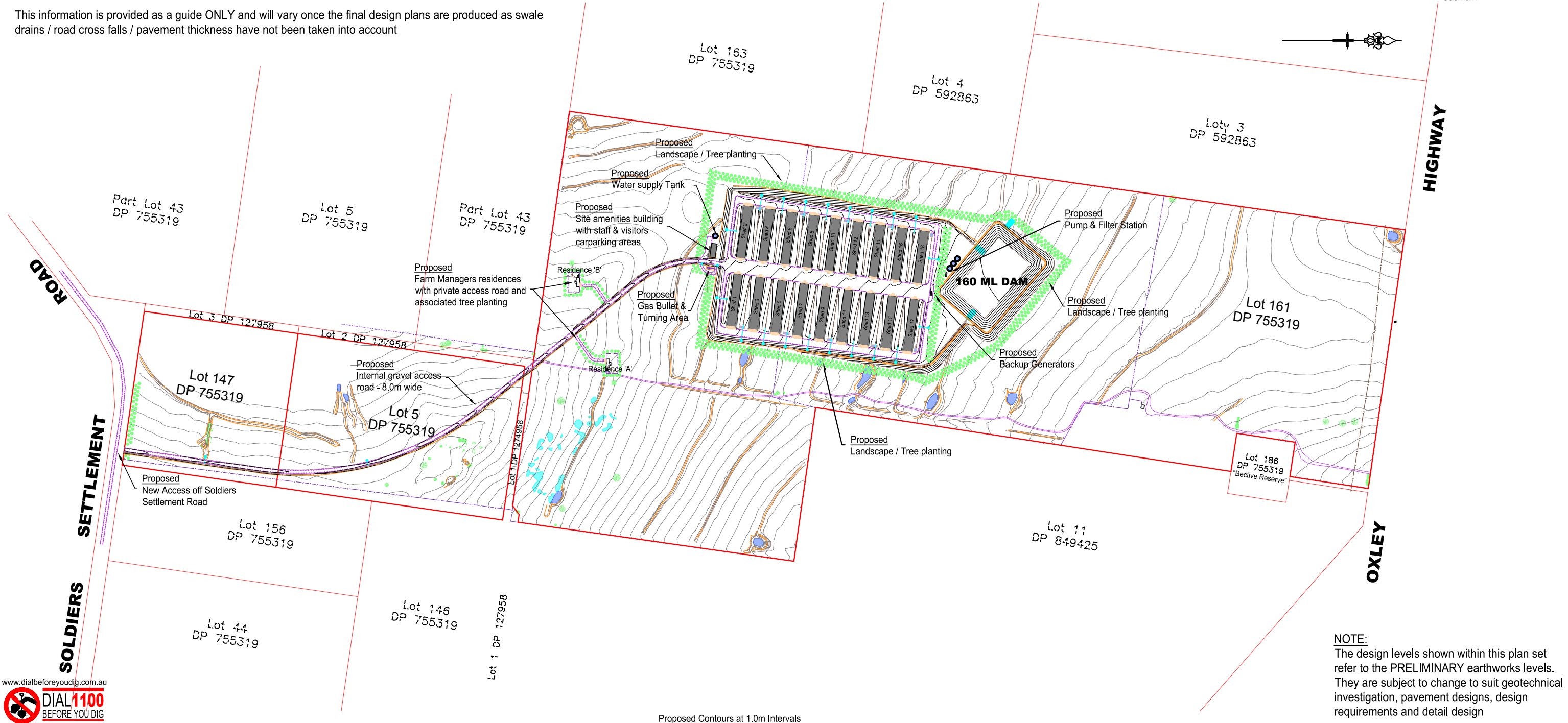
Waterservices
- E

Underground Electrical Cables
- S

Sewer Pipes and Manholes
- S W

Stormwater Pipe & Size
- G

Gasmain



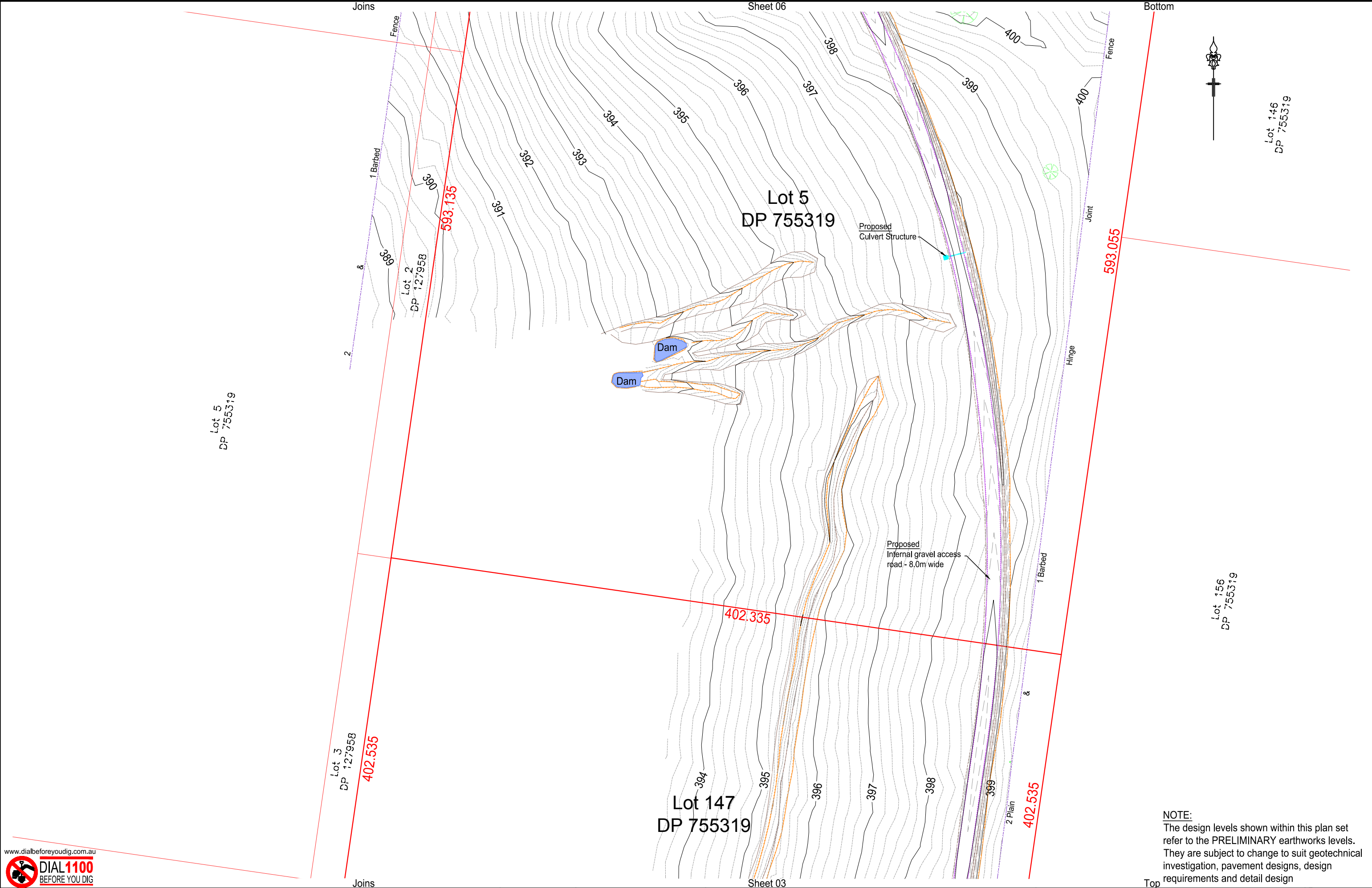
NOTE:  
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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar:		BATH STEWART ASSOCIATES Pty Ltd DEVELOPMENT CONSULTANTS SURVEYORS — ENGINEERS — PLANNERS — PROJECT MANAGERS 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062 office@bathstewart.com.au	AAM 2342 OXLEY HIGHWAY BECTIVE		Ref. No: 24290PR
CENTRE LINE	—					DL: Various	100.0	0.0		Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958		Sheet No : 02 of 18
KERB AND OUTER	—					Survey: M.Beath	200.0			PROPOSED SITE PLAN		Revision : F
TOP OF BATTER	—					Drawn: G.Haberle						
SURFACE DRAINAGE	—					Designed: M.Beath						
EDGE OF BITUMEN SEAL	—					Checked: M.Beath						
FENCELINE	—											
SEWERMAIN	—											
WATERMAIN (& SIZE)	—											
STORMWATER DRAINAGE	—											
OVERHEAD POWER	—											
UNDERGROUND ELECTRICAL	—											
TREE	—											
SHRUB	—											
SIGN	—											
SEWER MANHOLE, INSPECTION PIT	—											
DOWNPIPE & ROOFWATER OUTLET	—											
POWER POLE	—											
STREETLIGHT	—											
GUIDE POST	—											
TELSTRA PIT AND CABLES	—											



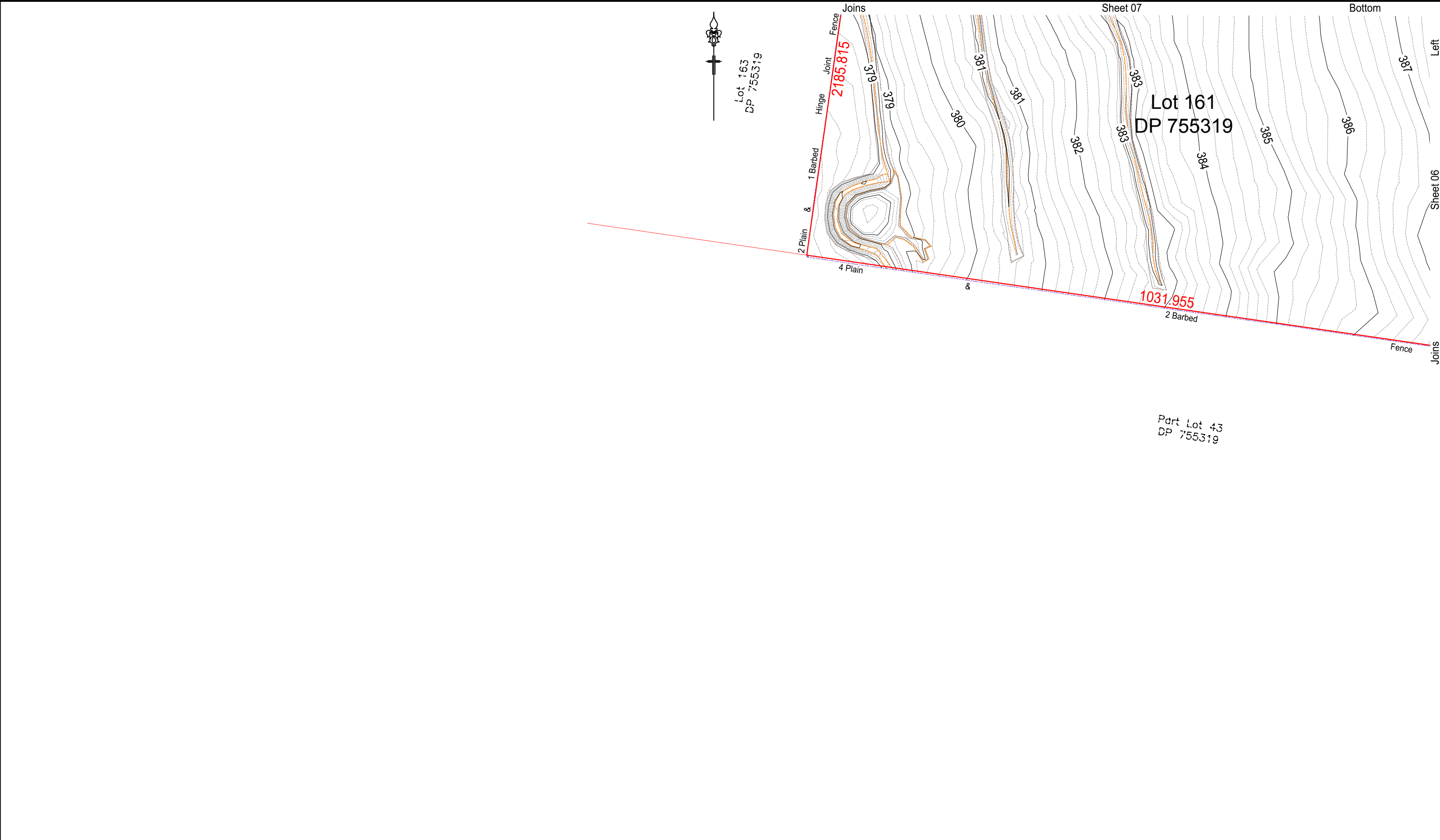




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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar: Proposed Contours at 0.2m Intervals A3 Scale 1:2,000	<b>BATH STEWART ASSOCIATES Pty Ltd</b> DEVELOPMENT CONSULTANTS SURVEYORS – ENGINEERS – PLANNERS – PROJECT MANAGERS 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062 office@bathstewart.com.au		<b>AAM</b> 2342 OXLEY HIGHWAY BECTIVE Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958 DETAIL SURVEY (SH 02 of 09)		Ref. No: 24290PR Sheet No : 04 of 18 Revision : F ©Bath Stewart & Associates Pty Ltd	
CENTRE LINE	---					DL: Various	20 0 20 40						
KERB AND GUTTER	---					Survey: M.Beath							
TOP OF BATTER	---					Drawn: G.Haberle							
SURFACE DRAINAGE	---					Designed: M.Beath							
EDGE OF BITUMEN SEAL	---					Checked: M.Beath							
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WATERMAIN (& SIZE)	---												
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STREETLIGHT	---												
GUIDE POST	---												
WATER (HYDRANT, VALVE, METER)	---												
TELSTRA PIT AND CABLES	---												

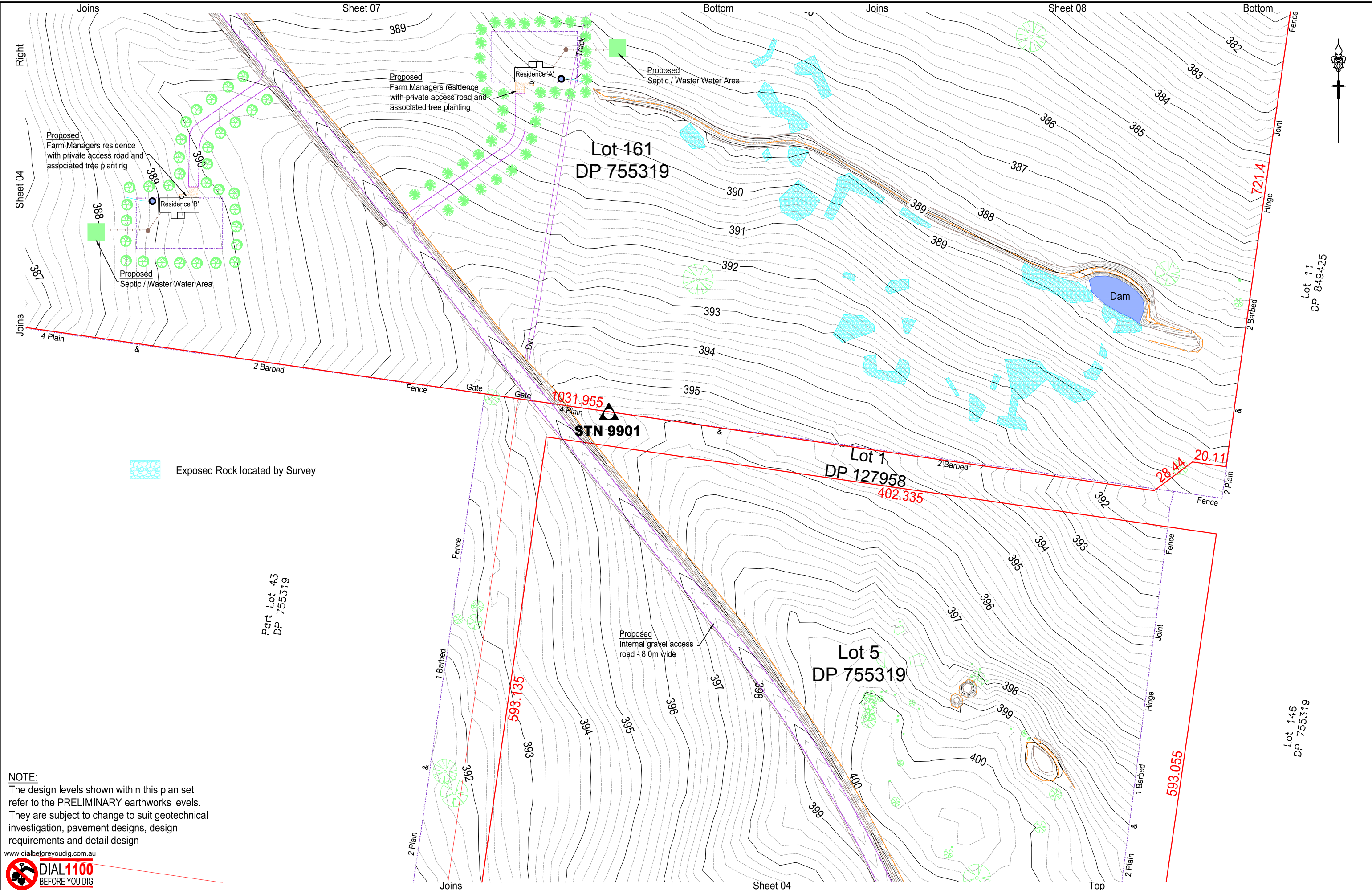




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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar: Proposed Contours at 0.2m Intervals A3 Scale 1:2,000	BATH STEWART ASSOCIATES Pty Ltd DEVELOPMENT CONSULTANTS SURVEYORS — ENGINEERS — PLANNERS — PROJECT MANAGERS 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062 office@bathstewart.com.au	AAM 2342 OXLEY HIGHWAY BECTIVE Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958 DETAIL SURVEY (SH 03 of 09)	Ref. No: 24290PR Sheet No : 05 of 18 Revision : F ©Bath Stewart & Associates Pty Ltd
CENTRE LINE KERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE SEWERMAIN WATERMAIN (& SIZE) STORMWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL	--- --- --- --- --- --- --- --- --- --- ---									
TREE SHRUB SIGN SEWER MANHOLE, INSPECTION PIT DOWNPIPE & ROOFWATER OUTLET POWER POLE STREETLIGHT GUIDE POST WATER (HYDRANT, VALVE, METER) TELSTRA PIT AND CABLES										
F	Sections added - Sheets 12 to 18	M.Beath	24.12.24							
E	Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24							
D	preliminary design completed and issued for information ONLY	M.Beath	01.10.24							
C	Updated to show 22.69 x 136.15 Sheds	M.Beath	13.08.24							
B	Updated to show existing and proposed layouts 18.7 x 160.4 Sheds	M.Beath	13.08.24							
A	Preliminary issued for Client's information and input	M.Beath	01.08.24							



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CENTRE LINE	—											
KERB AND GUTTER	—											
TOP OF BATTER	—											
SURFACE DRAINAGE	—											
EDGE OF BITUMEN SEAL	—											
FENCELINE	—											
SEWERMAIN (& SIZE)	—											
STORMWATER DRAINAGE	—											
OVERHEAD POWER	—											
UNDERGROUND ELECTRICAL	—											
TREE	—											
SIGN	—											
SEWER MANHOLE, INSPECTION PIT	—											
DOWNPIPE & ROOFWATER OUTLET	—											
POWER POLE	—											
STREETLIGHT	—											
GUIDE POST	—											
WATER (HYDRANT, VALVE, METER)	—											
TELSTRA PIT AND CABLES	—											

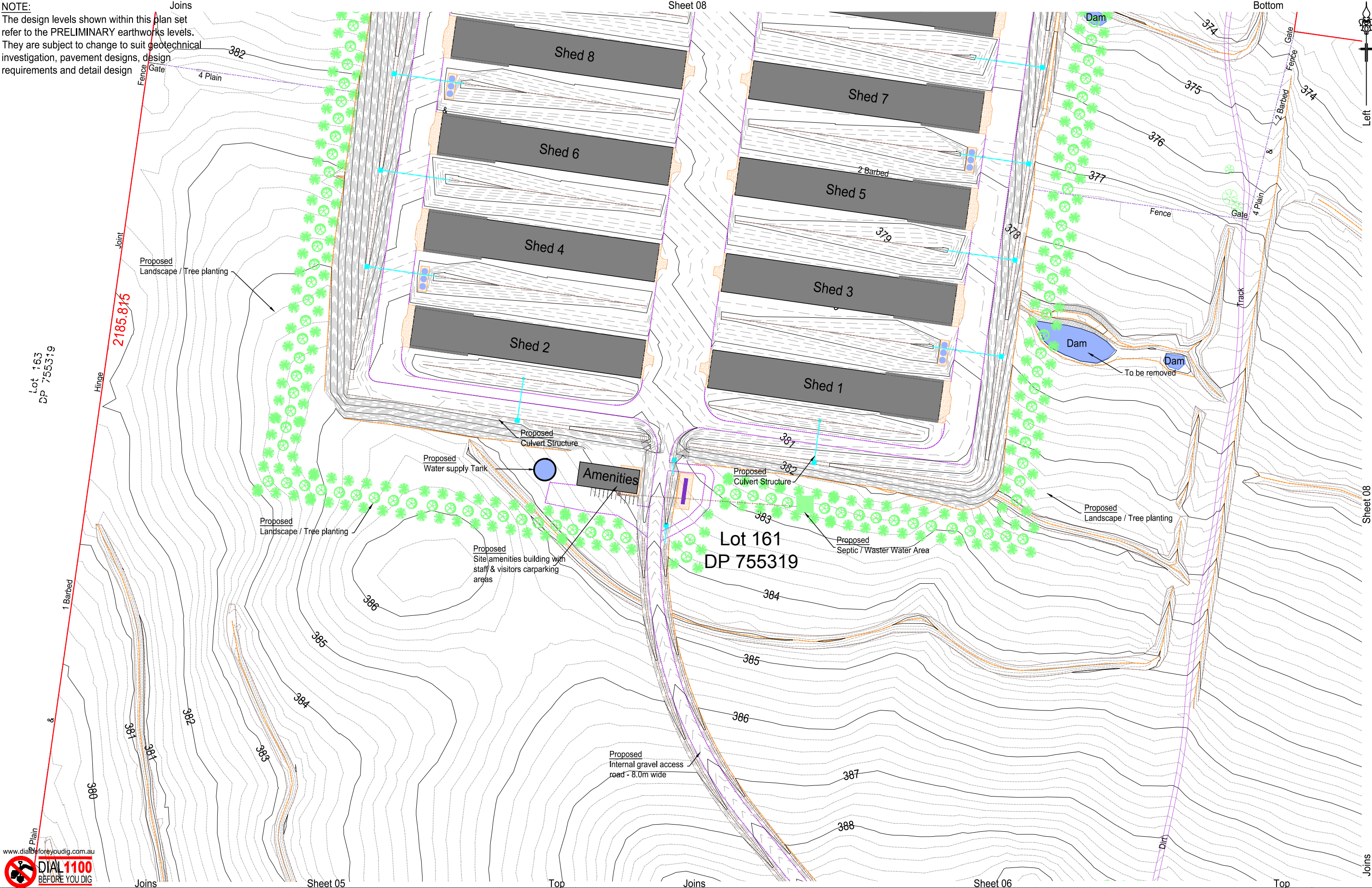
F	Sections added - Sheets 12 to 18	M.Beath	24.12.24
E	Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24
D	preliminary design completed and issued for information ONLY	M.Beath	01.10.24
C	Updated to show 22.69 x 136.15 Sheds	M.Beath	13.08.24
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A	Preliminary issued for Client's information and input	M.Beath	01.08.24


Model: 24290V21	Di: Various	Survey: M.Beath	Drawn: G.Haberle	Designed: M.Beath	Checked: M.Beath
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Drawing: 24290PR	Datum Description: SSM 1381 RL 356.555 GDA 2020
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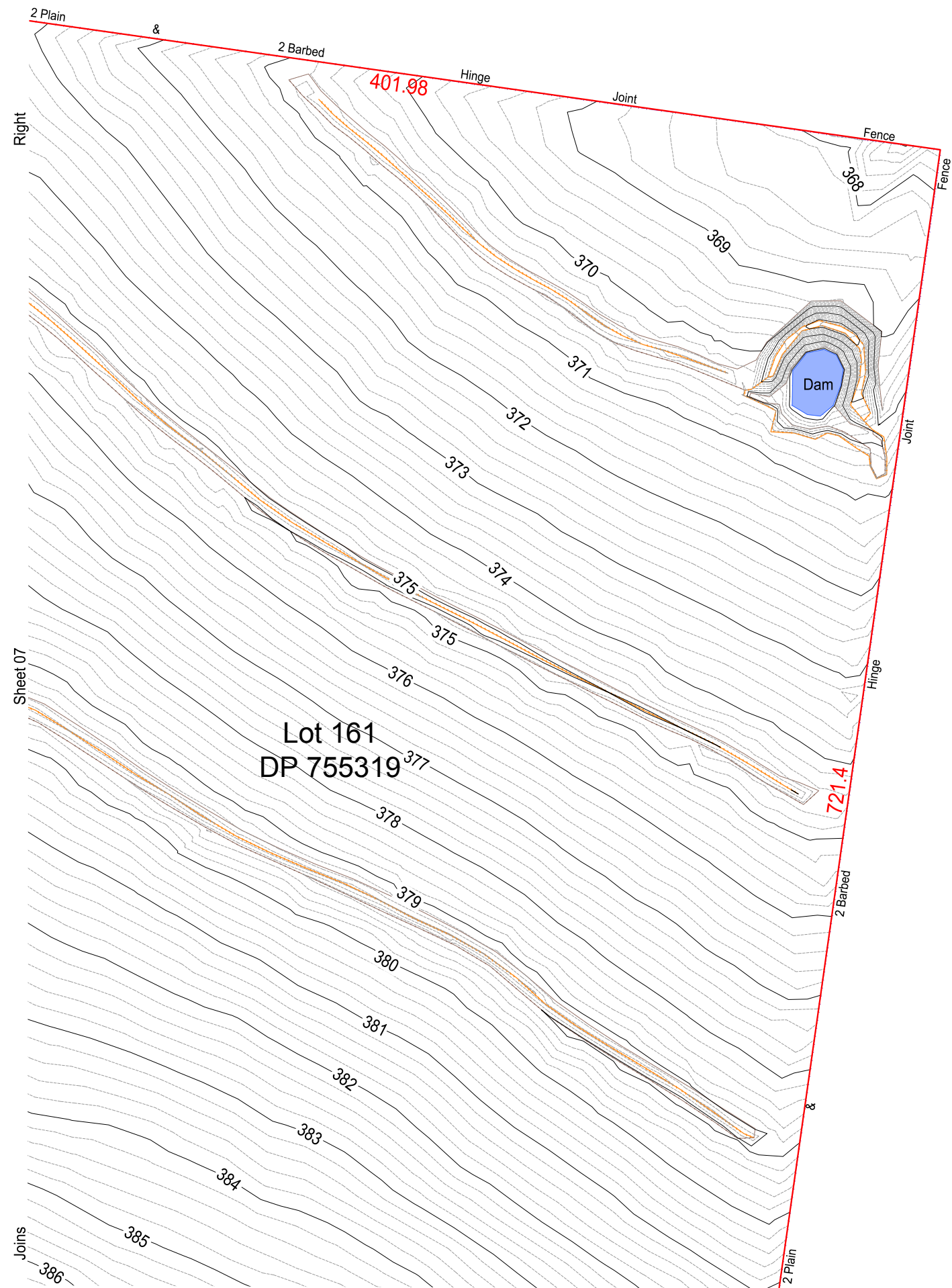


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CENTRE LINE	—					DL: Various	20 0 20 40	 office@bathstewart.com.au		This document / plan / drawing / sketch is the copyright property of Bath Stewart Associates Pty Ltd and shall not be copied or reproduced in part or whole, in any media without written approval, nor shall it be used except for the Development and Site Specified.		Sheet No: 07 of 18 Revision: F ©Bath Stewart & Associates Pty Ltd
KERB AND GUTTER	—				Survey: M.Beath							
TOP OF BATTER	—				Drawn: G.Haberle							
SURFACE DRAINAGE	—				Designed: M.Beath							
EDGE OF BITUMEN SEAL	—				Checked: M.Beath							
FENCELINE	—											
SEWERMAIN	—											
WATERMAIN (& SIZE)	—											
STORMWATER DRAINAGE	—											
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DOWNPIPE & ROOFWATER OUTLET	—											
POWER POLE	—											
STREETLIGHT	—											
GUIDE POST	—											
WATER (HYDRANT, VALVE, METER)	—											
TELSTRA PIT AND CABLES	—											





Lot 11  
DP 849425

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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)	
CENTRE LINE	---
KERB AND GUTTER	---
TOP OF BATTER	---
SURFACE DRAINAGE	---
EDGE OF BITUMEN SEAL	---
FENCELINE	---
SEWERMAIN	---
WATERMAIN (& SIZE)	---
STORMWATER DRAINAGE	---
OVERHEAD POWER	---
UNDERGROUND ELECTRICAL	---
TREE	---
SHRUB	---
SEWER MANHOLE, INSPECTION PIT	---
DOWNPIPE & ROOFWATER OUTLET	---
POWER POLE	---
STREETLIGHT	---
GUIDE POST	---
WATER (HYDRANT, VALVE, METER)	---
TELSTRA PIT AND CABLES	---

Rev.	DESCRIPTION	APPROVED	DATE
F	Sections added - Sheets 12 to 18	M.Beath	24.12.24
E	Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24
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A	Preliminary issued for Client's information and input	M.Beath	01.08.24

Model:	24290V21
DL:	Various
Survey:	M.Beath
Drawn:	G.Haberle
Designed:	M.Beath
Checked:	M.Beath

Original A3 Drawing Scale Bar:  
Proposed Contours at 0.2m Intervals  
A3 Scale 1:2,000  
Drawing: 24290PR  
Datum Description:  
SSM 1381 RL 356.555 GDA 2020  
Located on the southern side of Gunnedah  
Road, 120m east of Bective Lane

**BATH STEWART ASSOCIATES Pty Ltd**  
DEVELOPMENT CONSULTANTS  
SURVEYORS - ENGINEERS - PLANNERS - PROJECT MANAGERS  
239 Marius Street TAMWORTH NSW 2340  
Telephone (02) 6766 5966 A.C.N. 659 162 062  
office@bathstewart.com.au

<b>AAM</b> <b>2342 OXLEY HIGHWAY BECTIVE</b>		Ref. No: <b>24290PR</b>
Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958		Sheet No : 08 of 18
DETAIL SURVEY (SH 06 of 09)		Revision : F
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<p>LEGEND (EXISTING — LIGHT PROPOSED — DARKER)</p> <p>CENTRE LINE HERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE WATERMAIN (&amp; SIZE) STORMWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL</p> <p>  TREE   SHRUB   SIGN   SEWER MANHOLE, INSPECTION PIT   DOWNPIPE &amp; ROOFWATER OUTLET   POWER POLE   STREETLIGHT   GUIDE POST   WATER (HYDRANT,VALVE,METER)   TELSTRA PIT AND CABLES </p>		<p>Rev.      DESCRIPTION      APPROVED      DATE</p> <p>F      Sections added - Sheets 12 to 18      M.Beath      24.12.24</p> <p>E      Preliminary design completed with 22.69 x 138.15 Sheds      M.Beath      23.12.24</p> <p>D      preliminary design completed and issued for information ONLY      M.Beath      01.10.24</p> <p>C      Updated to show 22.69 x 136.15 Sheds      M.Beath      13.08.24</p> <p>B      Updated to show existing and proposed layouts 18.7 x 160.4 Sheds      M.Beath      13.08.24</p> <p>A      Preliminary issued for Client's information and input      M.Beath      01.08.24</p>	<p>Model: 24290V21</p> <p>DL: Various</p> <p>Survey: M.Beath</p> <p>Drawn: G.Haberle</p> <p>Designed: M.Beath</p> <p>Checked: M.Beath</p>	<p>Original A3 Drawing Scale Bar: Proposed Contours at 0.2m Intervals</p> <p> </p> <p>Drawing: 24290DPR</p> <p>Datum Description: SSM 1381 RL 356.555 GDA 2020</p> <p>Located on the southern side of Gunnebad Road, 120m east of Bective Lane</p>	<p><b>BATH STEWART ASSOCIATES Pty Ltd</b></p> <p><b>DEVELOPMENT CONSULTANTS</b></p> <p><b>SURVEYORS – ENGINEERS – PLANNERS – PROJECT MANAGERS</b></p> <p>239 Marius Street TAMWORTH NSW 2340</p> <p>Telephone (02) 6766 5966 A.C.N. 659 162 062</p> <p> </p> <p>office@bathstewart.com.au</p> <p>This document / plan / drawing / sketch is the copyright property of Bath Stewart Associates Pty Ltd and shall not be reproduced in any form or by any media without written approval, nor shall it be used for the Development and Site Specified</p>	<p><b>AAM</b></p> <p><b>2342 OXLEY HIGHWAY BECTIVE</b></p> <p>Lot 5, 147 &amp; 161 DP 755319 &amp; Lot 1 DP 127958</p> <p><b>DETAIL SURVEY (SH 07 of 09)</b></p>	<p><b>Ref. No:</b></p> <p><b>24290PR</b></p> <p><b>Sheet No:</b> 09 of 18</p> <p><b>Revision:</b> F</p> <p><b>©Bath Stewart &amp; Associates Pty Ltd</b></p>
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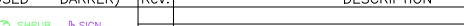
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CENTRE LINE KERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE SEWERMAIN TERMINAL (S & SIZE) STORMWATER DRAINAGE UNDERGROUND FRONT UNDERGROUND ELECTRICAL	          		TREE SHRUB SIGN SEWER MANHOLE, INSPECTION PIT DOWNPIPE & ROOFWATER OUTLET POWER POLE STREETLIGHT GUIDE POST WATER (HYDANT, VALVE, METER) TELSTRA PIT AND CABLE	        						
F Sections added - Sheets 12 to 18		F		M. Beath	24.12.24					
E preliminary design completed with 22.69 x 138.15 Sheds		E		M. Beath	23.12.24					
C preliminary design completed and issued for information ONLY		C		M. Beath	01.10.24					
D Updated to show 22.69 x 136.15 Sheds		D		M. Beath	08.08.24					
B Updated to show existing and proposed layouts 18.7 x 160.4 Sheds		B		M. Beath	13.08.24					
A Preliminary issued for Client's information and input		A		M. Beath	01.08.24					

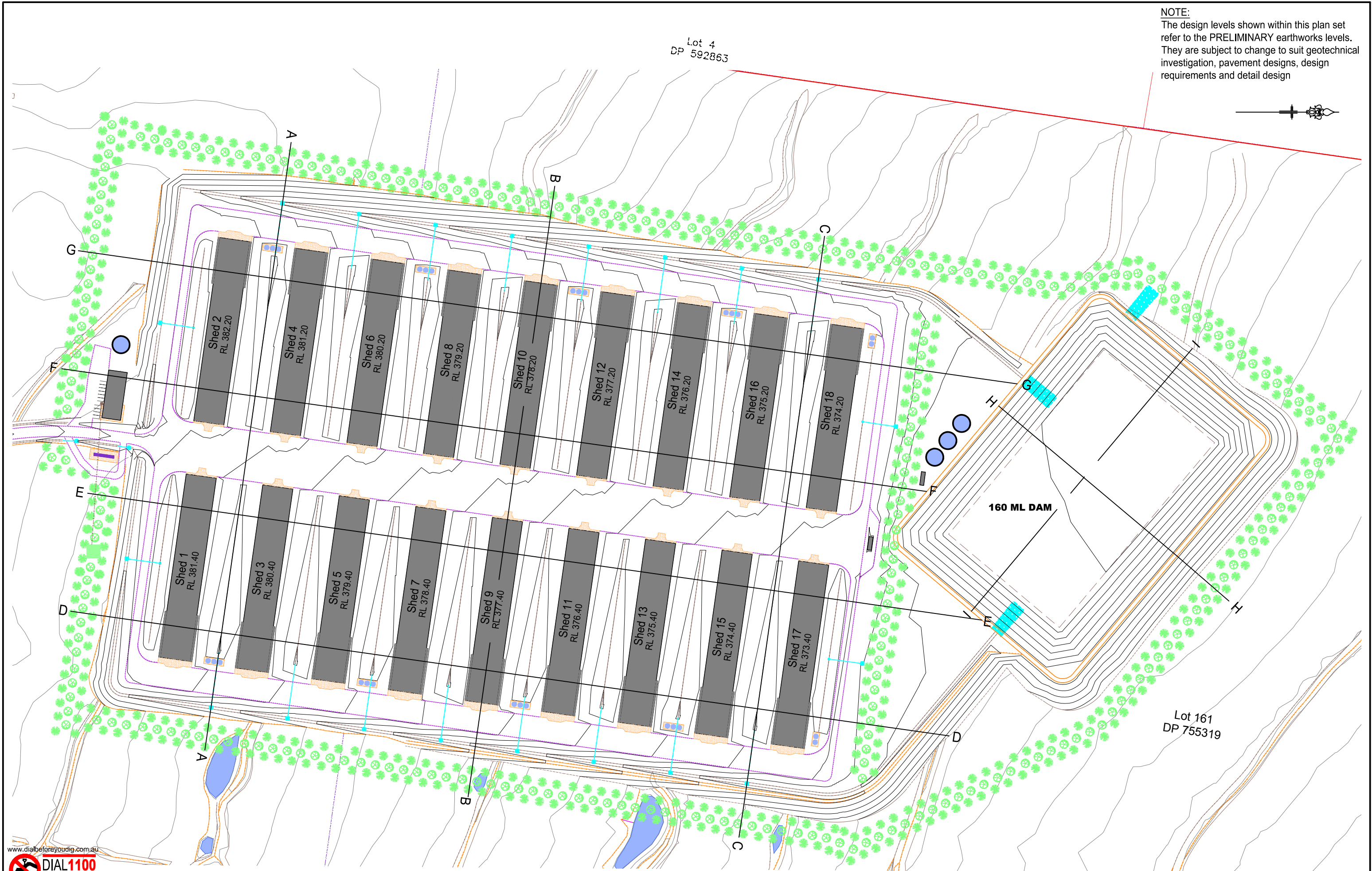




LEGEND (EXISTING - LIGHT PROPOSED - DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar: Proposed Contours at 0.2m Intervals A3 Scale 1:2,000 Drawing: 24290PR Datum Description: SSM 1381 RL 356.555 GDA 2020 Located on the southern side of Gunneadah Road, 120m east of Bective Lane	<b>BATH STEWART ASSOCIATES Pty Ltd</b> <b>DEVELOPMENT CONSULTANTS</b> <b>SURVEYORS - ENGINEERS - PLANNERS - PROJECT MANAGERS</b> 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062  office@bathstewart.com.au <small>This document / plan / drawing / sketch is the copyright property of Bath Stewart Associates Pty Ltd and shall not be copied or reproduced in part or whole, in any media without written approval, nor shall it be used except for the Development and Site Specified</small>	<b>AAM</b> <b>2342 OXLEY HIGHWAY BECTIVE</b> Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958 DETAIL SURVEY (SH 09 of 09)	Ref. No: <b>24290PR</b> Sheet No: 11 of 18 Revision: <b>F</b> ©Bath Stewart & Associates Pty Ltd
CENTRE LINE KERB AND GUTTER TOP OF BUTTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE WATERMAIN WATERMAIN (8 SIZE) FLOWWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL		F	Sections added - Sheets 12 to 18	M.Beath	24.12.24	DL: Various				
		E	Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24	Survey: M.Beath				
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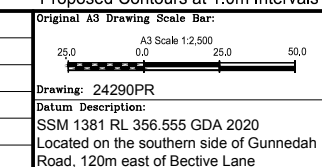


LEGEND (EXISTING — LIGHT PROPOSED — DARKER)	
CENTRE LINE	—
KERB AND GUTTER	—
TOP OF BATTER	—
SURFACE DRAINAGE	—
EDGE OF BITUMEN SEAL	—
FENCELINE	—
SEWERMAIN	—
WATERMAIN (& SIZE)	—
STORMWATER DRAINAGE	—
OVERHEAD POWER	—
UNDERGROUND ELECTRICAL	—
TREE	—
SHRUB	—
SIGN	—
SEWER MANHOLE, INSPECTION PIT	—
DOWNPIPE & ROOFWATER OUTLET	—
POWER POLE	—
STREETLIGHT	—
GUIDE POST	—
WATER (HYDRANT, VALVE, METER)	—
TELSTRA PIT AND CABLES	—

Rev.	DESCRIPTION	APPROVED	DATE
F	Sections added - Sheets 12 to 18	M.Beath	24.12.24
E	Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24
D	preliminary design completed and issued for information ONLY	M.Beath	01.10.24
C	Updated to show 22.69 x 136.15 Sheds	M.Beath	13.08.24
B	Updated to show existing and proposed layouts 18.7 x 160.4 Sheds	M.Beath	13.08.24
A	Preliminary issued for Client's information and input	M.Beath	01.08.24

Model:	24290V21
DL:	Various
Survey:	M.Beath
Drawn:	G.Haberle
Designed:	M.Beath
Checked:	M.Beath

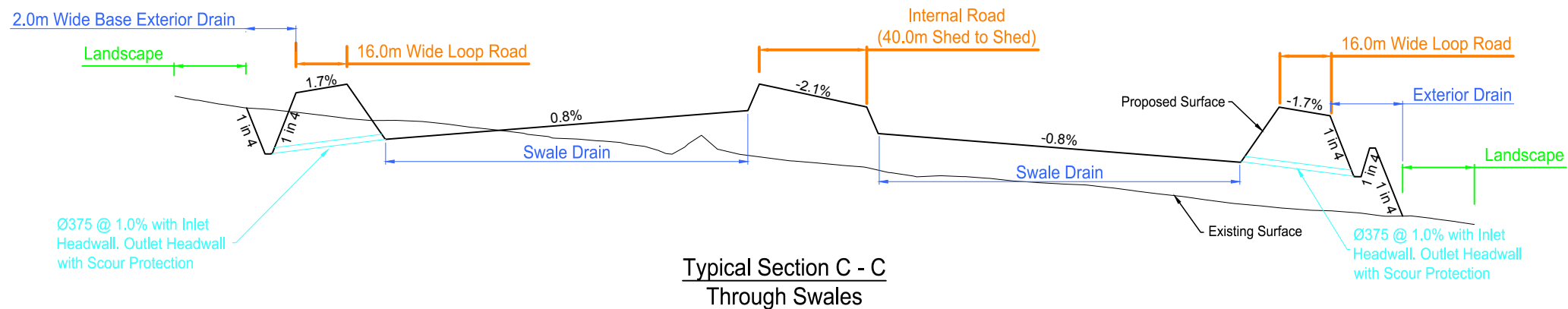
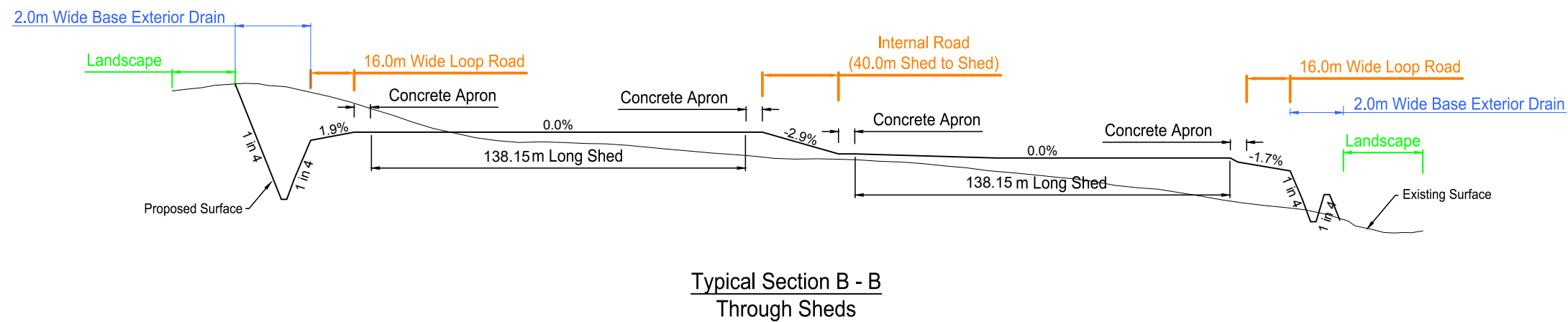
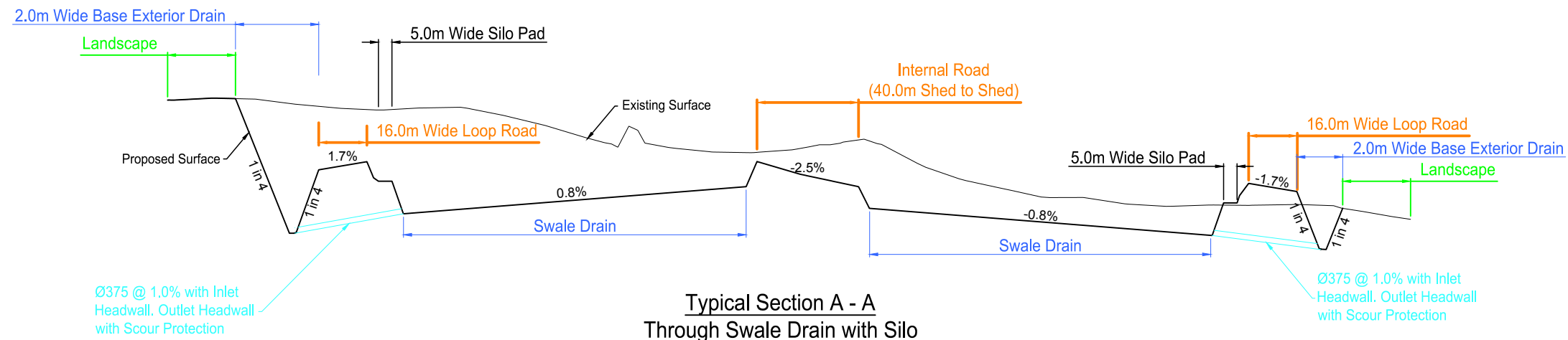
Proposed Contours at 1.0m Intervals



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DEVELOPMENT CONSULTANTS  
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Telephone (02) 6766 5966 A.C.N. 659 162 062  
office@bathstewart.com.au

<b>AAM</b> <b>2342 OXLEY HIGHWAY BECTIVE</b>		Ref. No: <b>24290PR</b>
Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958		Sheet No : 12 of 18
SECTION LAYOUT PLAN		Revision : F
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**NOTE:**  
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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)	Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar:	<b>BATH STEWART ASSOCIATES Pty Ltd</b>	<b>AAM</b>	<b>Ref. No:</b>
CENTRE LINE KERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE SEWERMAIN WATERMAIN (& SIZE) STORMWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL						20.0 0.0 20.0 40.0 A3 Scale 1:2000 (H) 2.0 0.0 2.0 4.0 A3 Scale 1:200 (V)	<b>DEVELOPMENT CONSULTANTS</b> SURVEYORS — ENGINEERS — PLANNERS — PROJECT MANAGERS 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062	<b>2342 OXLEY HIGHWAY BECTIVE</b> Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958	<b>24290PR</b>
TREE SHRUB SIGN SEWER MANHOLE, INSPECTION PIT DOWNPIPE & ROOFWATER OUTLET POWER POLE STREETLIGHT GUIDE POST WATER (HYDRANT, VALVE, METER) TELSTRA PIT AND CABLES									Sheet No : 13 of 18 Revision : F
									TYPICAL SECTIONS A, B & C (WEST to EAST)
									©Bath Stewart & Associates Pty Ltd

2.0m Wide Base Exterior Drain

Landscape

6.0m Wide Loop Road

Shed 1

RL 381.40

Shed 3

RL 380.40

Shed 5

RL 379.40

Shed 7

RL 378.40

Shed 9

RL 377.40

Shed 11

RL 376.40

Shed 13

RL 375.40

Shed 15

RL 374.40

Shed 17

RL 373.40

6.0m Wide Loop Road

Landscape

Dam with 3.0m Wide Top

Existing Surface

Proposed Surface

Typical Section D - D  
Through Cooling Pads

2.0m Wide Base Exterior Drain

Landscape

6.0m Wide Loop Road

Shed 1

RL 381.40

Shed 3

RL 380.40

Shed 5

RL 379.40

Shed 7

RL 378.40

Shed 9

RL 377.40

Shed 11

RL 376.40

Shed 13

RL 375.40

Shed 15

RL 374.40

Shed 17

RL 373.40

6.0m Wide Loop Road

Landscape

Proposed Surface

Existing Surface











Typical Section E - E  
Centre of Site

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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)	
CENTRE LINE	---
KERB AND GUTTER	==
TOP OF BATTER	⋈
SURFACE DRAINAGE	⋈
EDGE OF BITUMEN SEAL	⋈
FENCELINE	---
SEWERMAIN	—S—
WATERMAIN (& SIZE)	—W—
STORMWATER DRAINAGE	—SD—
OVERHEAD POWER	—P—
UNDERGROUND ELECTRICAL	—E—
TREE	
SHRUB	
SIGN	
SEWER MANHOLE, INSPECTION PIT	
DOWNPIPE & ROOFWATER OUTLET	
POWER POLE	
STREETLIGHT	
GUIDE POST	
WATER (HYDRANT, VALVE, METER)	
TELSTRA PIT AND CABLES	

Rev.	DESCRIPTION	APPROVED	DATE
F	Sections added - Sheets 12 to 18	M.Beath	24.12.24
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Model:	24290V21
DL:	Various
Survey:	M.Beath
Drawn:	G.Haberle
Designed:	M.Beath
Checked:	M.Beath

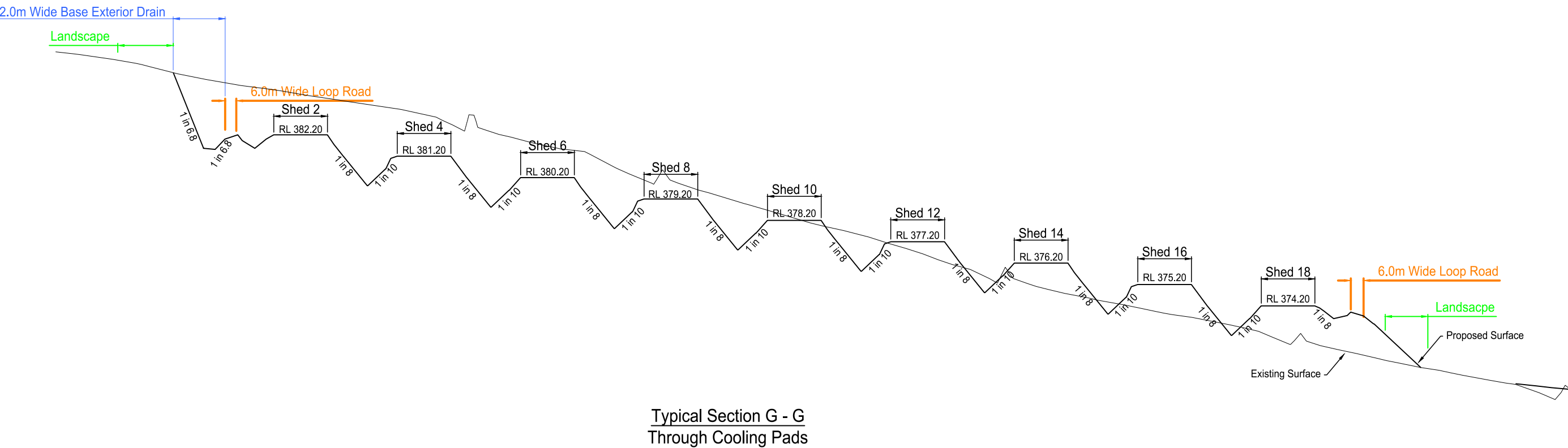
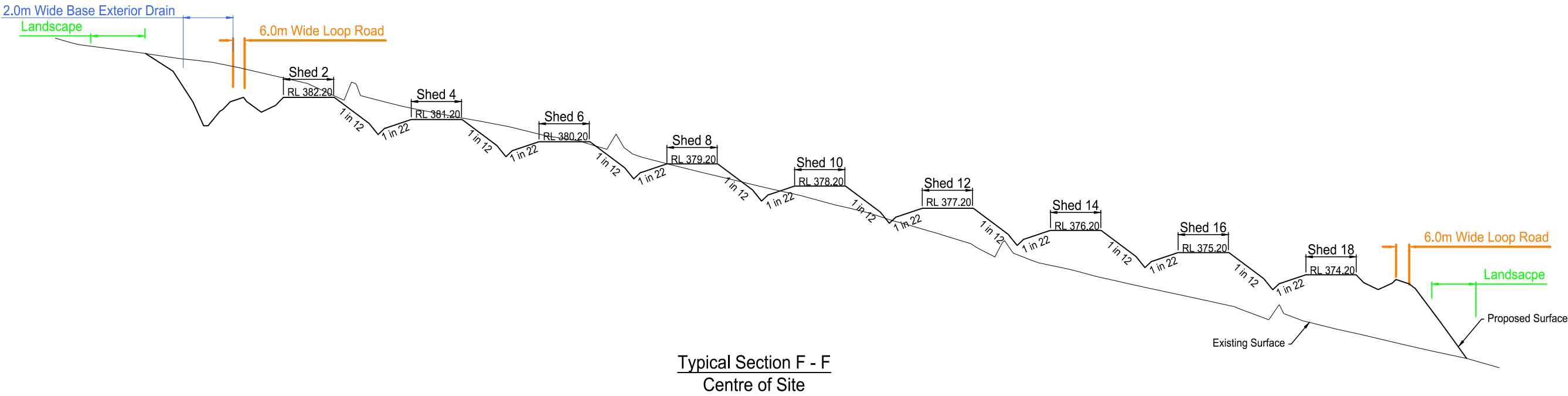
Original A3 Drawing Scale Bar:					
20.0	0.0	20.0	40.0		
					
2.0	0.0	2.0	4.0		
A3 Scale 1:200 (V)					
Drawing: 24290PR					
Datum Description:					
SSM 1381 RL 356.555 GDA 2020					
Located on the southern side of Gunnedah Road, 120m east of Bective Lane					

**BATH STEWART ASSOCIATES Pty Ltd**  
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<b>AAM</b> <b>2342 OXLEY HIGHWAY BECTIVE</b>	<b>Ref. No:</b> <b>24290PR</b>
Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958	Sheet No : 14 of 18
TYPICAL SECTIONS D & E (SOUTH to NORTH) - ODD SHEDS	Revision : F
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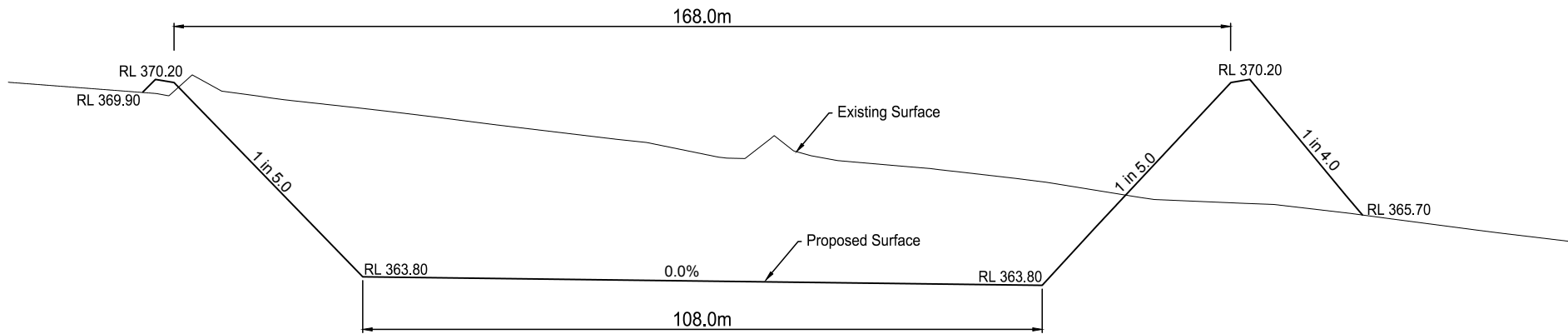
NOTE:  
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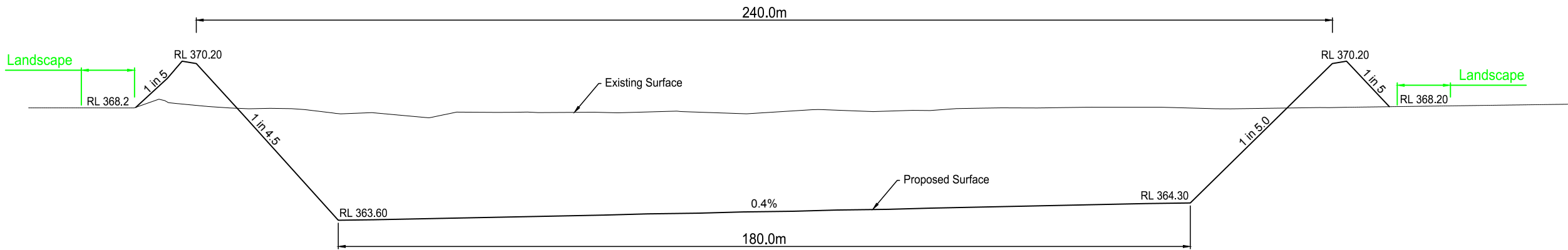


LEGEND (EXISTING — LIGHT PROPOSED — DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21		<b>BATH STEWART ASSOCIATES Pty Ltd</b> <b>DEVELOPMENT CONSULTANTS</b> <b>SURVEYORS — ENGINEERS — PLANNERS — PROJECT MANAGERS</b> 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062  office@bathstewart.com.au	<b>AAM</b>		Ref. No: <b>24290PR</b>
CENTRE LINE KERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE SEWERMAIN WATERMAIN (& SIZE) STORMWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL	    									2342 OXLEY HIGHWAY BECTIVE	
			F Sections added - Sheets 12 to 18	M.Beath	24.12.24	DL: Various	Drawing: 24290PR	<p>DTM Description: SSM 1381 RL 356.555 GDA 2020 Located on the southern side of Gunnedah Road, 120m east of Bective Lane</p>	Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958		TYPICAL SECTIONS F & G (SOUTH to NORTH) — EVEN SHEDS
			E Preliminary design completed with 22.69 x 138.15 Sheds	M.Beath	23.12.24	Survey: M.Beath					
			D preliminary design completed and issued for information ONLY	M.Beath	01.10.24	Drawn: G.Haberle					
			C Updated to show 22.69 x 136.15 Sheds	M.Beath	13.08.24	Designed: M.Beath					
			B Updated to show existing and proposed layouts 18.7 x 160.4 Sheds	M.Beath	13.08.24	Checked: M.Beath					
			A Preliminary issued for Client's information and input	M.Beath	01.08.24						





Typical Section H - H  
South to North

























Typical Section I - I  
West to East

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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)		Rev.	DESCRIPTION	APPROVED	DATE	Model: 24290V21	Original A3 Drawing Scale Bar: A3 Scale 1:1000 (H) 10.0 0.0 10.0 20.0 1.0 0.0 1.0 2.0 A3 Scale 1:200 (V)	<b>BATH STEWART ASSOCIATES Pty Ltd</b> <b>DEVELOPMENT CONSULTANTS</b> <b>SURVEYORS — ENGINEERS — PLANNERS — PROJECT MANAGERS</b> 239 Marius Street TAMWORTH NSW 2340 Telephone (02) 6766 5966 A.C.N. 659 162 062  office@bathstewart.com.au	<b>AAM</b> <b>2342 OXLEY HIGHWAY BECTIVE</b>		Ref. No:
CENTRE LINE KERB AND GUTTER TOP OF BATTER SURFACE DRAINAGE EDGE OF BITUMEN SEAL FENCELINE SEWERMAIN WATERMAIN (& SIZE) STORMWATER DRAINAGE OVERHEAD POWER UNDERGROUND ELECTRICAL	          					DL: Various Survey: M.Beath Drawn: G.Haberle Designed: M.Beath Checked: M.Beath	Datum Description: SSM 1381 RL 356.555 GDA 2020 Located on the southern side of Gunnedah Road, 120m east of Bective Lane		Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958		Sheet No : 16 of 18
TREE SHRUB SIGN SEWER MANHOLE, INSPECTION PIT DOWNPIPE & ROOFWATER OUTLET POWER POLE STREETLIGHT GUIDE POST WATER (HYDRANT, VALVE, METER) TELSTRA PIT AND CABLES	         	F E D C B A	Sections added - Sheets 12 to 18 Preliminary design completed with 22.69 x 138.15 Sheds preliminary design completed and issued for information ONLY Updated to show 22.69 x 136.15 Sheds Updated to show existing and proposed layouts 18.7 x 160.4 Sheds A Preliminary issued for Client's information and input	M.Beath M.Beath M.Beath M.Beath M.Beath M.Beath	24.12.24 23.12.24 01.10.24 13.08.24 13.08.24 01.08.24				TYPICAL SECTIONS H & I THROUGH DAM		Revision : F
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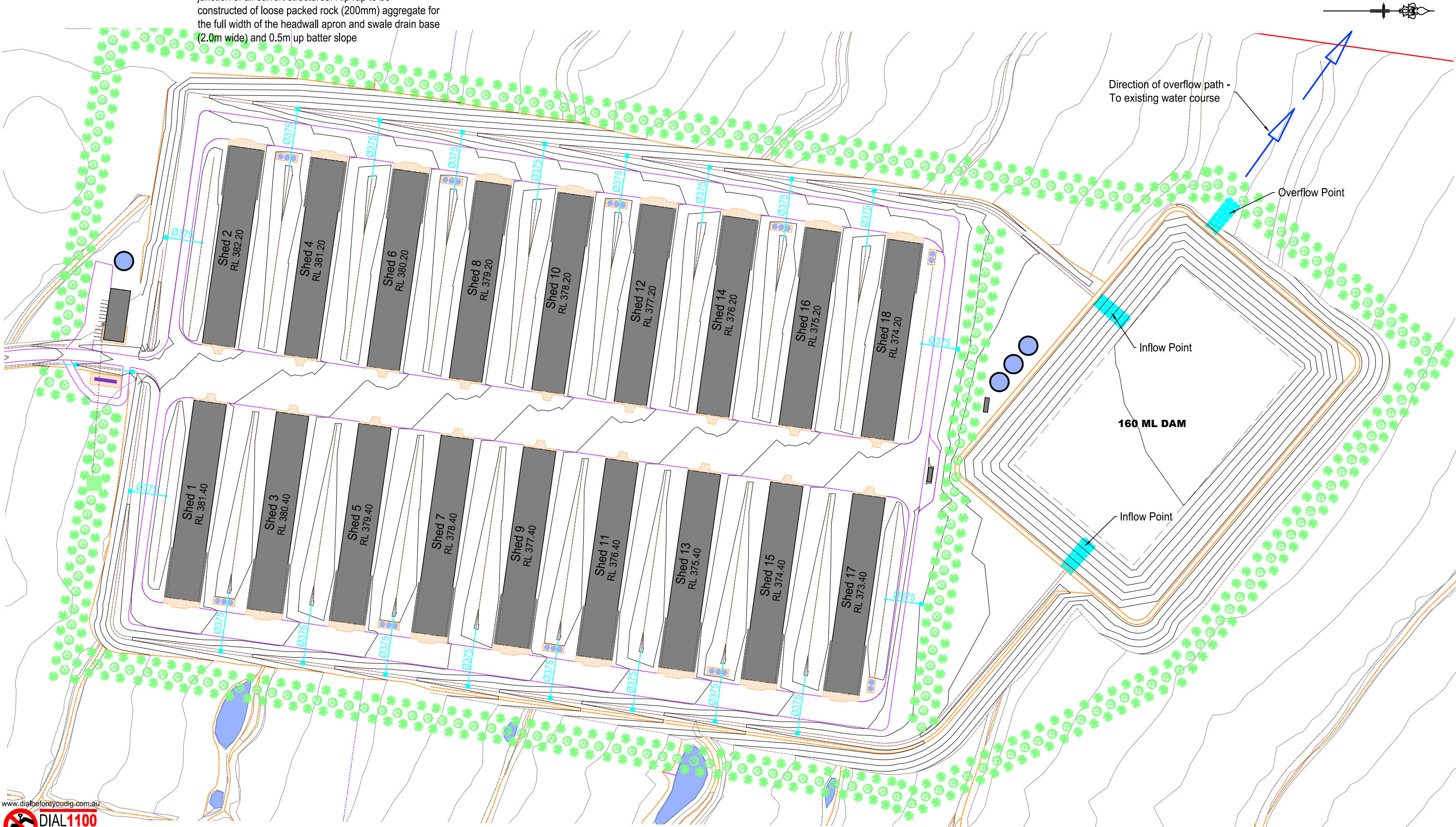


Drainage Notes

- 1 All internal drainage lines shall be constructed with Ø375 Class 3 pipes with associated sloping headwalls
- 2 All outlet structures shall have rip rap at the outlet / junction of all culvert structures. Rip rap to be constructed of loose packed rock (200mm) aggregate for the full width of the headwall apron and swale drain base (2.0m wide) and 0.5m up batter slope

Lot 4  
DP 592863

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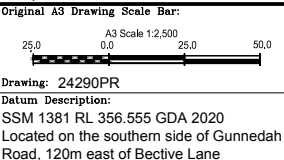


LEGEND (EXISTING — LIGHT PROPOSED — DARKER)	
CENTRE LINE	—
KERB AND GUTTER	—
TOP OF BATTER	—
SURFACE DRAINAGE	—
EDGE OF BITUMEN SEAL	—
FENCELINE	—
SEWERMAIN (& SIZE)	—
WATERMAIN (& SIZE)	—
STORMWATER DRAINAGE	—
OVERHEAD POWER	—
UNDERGROUND ELECTRICAL	—
TREE	—
SHRUB	—
SIGN	—
SEWER MANHOLE, INSPECTION PIT	—
DOWNPIPE & ROOFWATER OUTLET	—
POWER POLE	—
STREETLIGHT	—
GUIDE POST	—
WATER (HYDRANT, VALVE, METER)	—
TELSTRA PIT AND CABLES	—

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Model:	24290V21
DL:	Various
Survey:	M.Beath
Drawn:	G.Haberle
Designed:	M.Beath
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Proposed Contours at 1.0m Intervals



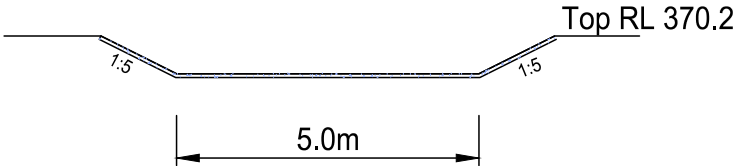
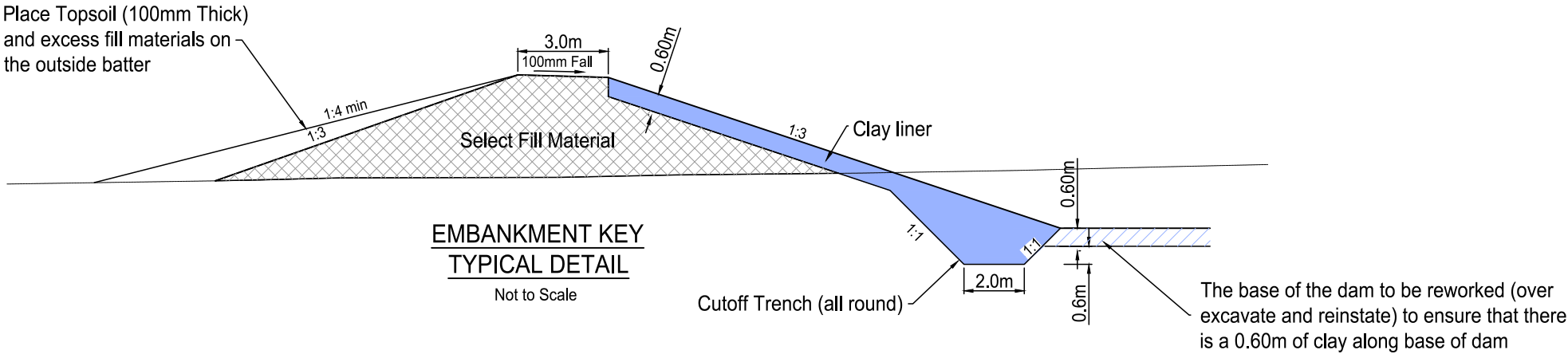
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**AAM**  
**2342 OXLEY HIGHWAY BECTIVE**  
Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958  
DRAINAGE LAYOUT PLAN

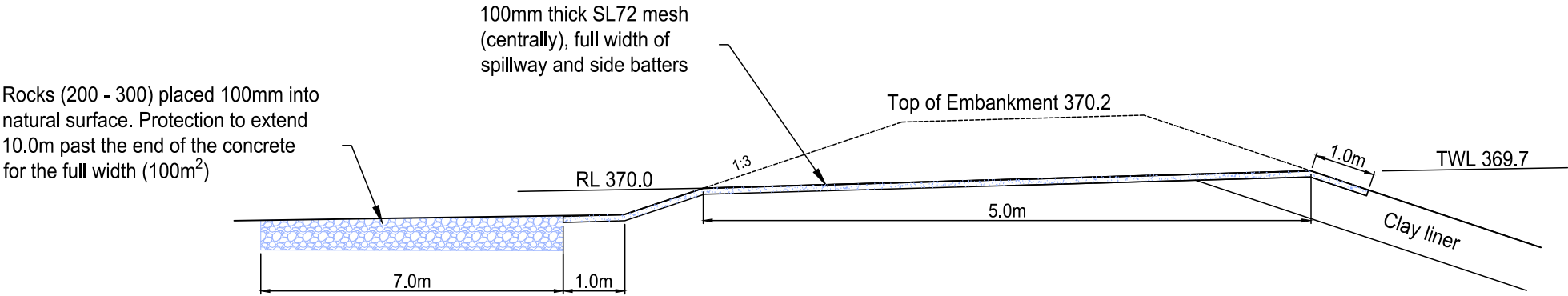
Ref. No:  
**24290PR**  
Sheet No: 17 of 18  
Revision: F  
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OUTFLOW CROSS SECTION

Not to Scale



OUTFLOW SECTION

Not to Scale

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LEGEND (EXISTING — LIGHT PROPOSED — DARKER)
CENTRE LINE
KERB AND GUTTER
TOP OF BATTER
SURFACE DRAINAGE
EDGE OF BITUMEN SEAL
FENCELINE
SEWERMAIN
WATERMAIN (& SIZE)
STORMWATER DRAINAGE
OVERHEAD POWER
UNDERGROUND ELECTRICAL

Rev.	DESCRIPTION	APPROVED	DATE
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Model: 24290V21	Original A3 Drawing Scale Bar:
Di: Various	Not to Scale
Survey: M.Beath	Drawing: 24290PR
Drawn: G.Haberle	Datum Description:
Designed: M.Beath	SSM 1381 RL 356.555 GDA 2020
Checked: M.Beath	Located on the southern side of Gunnedah Road, 120m east of Bective Lane

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Lot 5, 147 & 161 DP 755319 & Lot 1 DP 127958	Sheet No : 18 of 18
TYPICAL DRAINAGE SECTIONS	Revision : F
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