



Total Property Developments
PLANNING ■ ENGINEERING ■ PROJECT MANAGEMENT

ORIGINAL DRAWINGS

(THESE ARE THE ORIGINAL DRAWINGS ONLY IF THIS TEXT IS IN RED)

BURGOYNE PROJECTS PTY LTD

**BURGOYNE STREET
STAGE 1**

223 BURGOYNE STREET, HUNTLY

**CIVIL WORKS - ACCESS, DRAINAGE, PRESSURE
SEWER, WATER, COMMUNICATIONS & GAS**

**PRELIMINARY ISSUE
NOT APPROVED FOR CONSTRUCTION**

<small>TOTAL PROPERTY DEVELOPMENTS (VIC) PTY LTD (ABN 73 136 905 041) - © COPYRIGHT All Correspondence to PO Box 1276, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Victoria, 3550 T: (03) 5443 7977 F: (02) 8262 4755 E: damien@totalpd.com.au</small>	<small>COUNCIL CITY OF GREATER BENDIGO REF:</small>	<small>WATER AUTHORITY COLIBAN WATER REF: ME 20550</small>	<small>DATE 18/06/2020</small>	<small>FILE REF 18016</small>	<small>DRAW REF CS01</small>	<small>REVISION B</small>
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TBM 1
RIO BAR
RL 171.033
E: 260851.708 N: 5939594.018

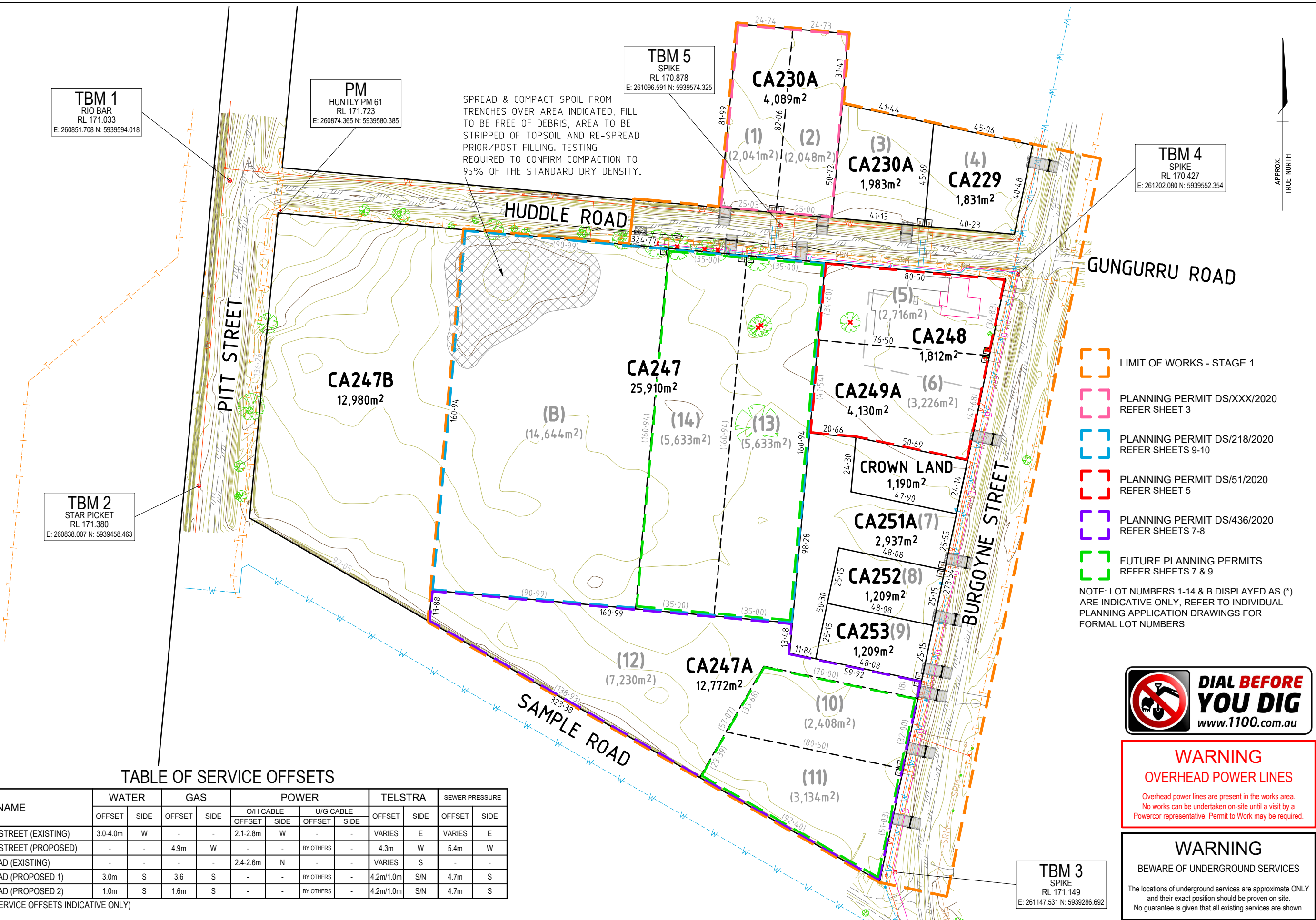
PM
HUNTLY PM 61
RL 171.723
E: 260874.365 N: 5939580.385

TBM 5
SPIKE
RL 170.878
E: 261096.591 N: 5939574.325

TBM 4
SPIKE
RL 170.427
E: 261202.080 N: 5939552.354

TBM 2
STAR PICKET
RL 171.380
E: 260838.007 N: 5939458.463

SPREAD & COMPACT SPOIL FROM TRENCHES OVER AREA INDICATED, FILL TO BE FREE OF DEBRIS, AREA TO BE STRIPPED OF TOPSOIL AND RE-SPREAD PRIOR/POST FILLING. TESTING REQUIRED TO CONFIRM COMPACTION TO 95% OF THE STANDARD DRY DENSITY.



- LIMIT OF WORKS - STAGE 1
- PLANNING PERMIT DS/XXX/2020 REFER SHEET 3
- PLANNING PERMIT DS/218/2020 REFER SHEETS 9-10
- PLANNING PERMIT DS/51/2020 REFER SHEET 5
- PLANNING PERMIT DS/436/2020 REFER SHEETS 7-8
- FUTURE PLANNING PERMITS REFER SHEETS 7 & 9

NOTE: LOT NUMBERS 1-14 & B DISPLAYED AS (*) ARE INDICATIVE ONLY, REFER TO INDIVIDUAL PLANNING APPLICATION DRAWINGS FOR FORMAL LOT NUMBERS



WARNING
OVERHEAD POWER LINES
Overhead power lines are present in the works area. No works can be undertaken on-site until a visit by a Powercor representative. Permit to Work may be required.

WARNING
BEWARE OF UNDERGROUND SERVICES
The locations of underground services are approximate ONLY and their exact position should be proven on site. No guarantee is given that all existing services are shown.

TABLE OF SERVICE OFFSETS

STREET NAME	WATER		GAS		POWER				TELSTRA		SEWER PRESSURE	
	OFFSET	SIDE	OFFSET	SIDE	O/H CABLE		U/G CABLE		OFFSET	SIDE	OFFSET	SIDE
					OFFSET	SIDE	OFFSET	SIDE				
BURGOYNE STREET (EXISTING)	3.0-4.0m	W	-	-	2.1-2.8m	W	-	-	VARIES	E	VARIES	E
BURGOYNE STREET (PROPOSED)	-	-	4.9m	W	-	-	BY OTHERS	-	4.3m	W	5.4m	W
HUDDLE ROAD (EXISTING)	-	-	-	-	2.4-2.6m	N	-	-	VARIES	S	-	-
HUDDLE ROAD (PROPOSED 1)	3.0m	S	3.6	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S
HUDDLE ROAD (PROPOSED 2)	1.0m	S	1.6m	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S

(EXISTING SERVICE OFFSETS INDICATIVE ONLY)

REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND
1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)
* TREE FOR REMOVAL



DESIGNED	DRAWN	CHECKED
A.Columbine 18/06/2020	A.Columbine 18/06/2020	D.Cranage 18/06/2020

APPROVED
DAMIEN CRANAGE
NER - 5299013

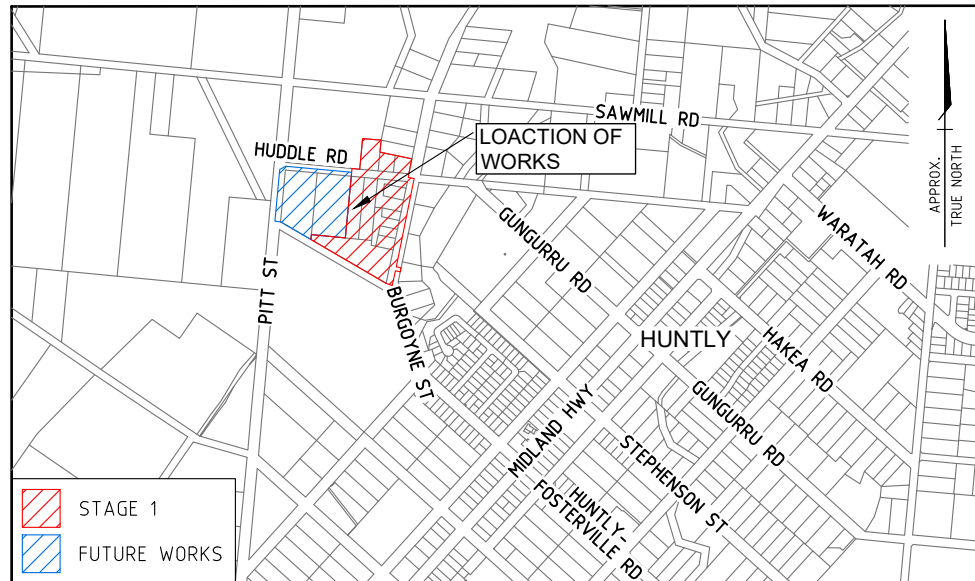
SCALE
HOR - 1:1600 VER - 1:1600
HOR -16 -8 0 16 32
VER -16 -8 0 16 32
ORIGINAL SHEET SIZE A3
LENGTHS ARE IN METRES - LEVELS ARE TO AHD

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T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET, HUNTLY
OVERALL LAYOUT PLAN

COUNCIL: CITY OF GREATER BENDIGO REF: -
WATER AUTHORITY: COLIBAN WATER REF: ME 20550

FILE REF: 18016
DRAW REF: OLP01
REVISION B
SHEET 2 OF 10



LOCALITY PLAN
NTS

GENERAL NOTES

- All works are to be completed in accordance with the current standards and specifications of the municipality and where applicable the Infrastructure Design Manual (IDM). Contract is in accordance with AS2124-1992 including annexure's.
- This stage consists of lots 1 - 15
- The Contractor must comply with the "Occupational Health and Safety Act 2004", the requirements of the "Occupational Health and Safety Regulations 2017" and Work Safe Compliance Code for Excavation (Ed. No.1, 2018) at all times.
- Prior to commencing works the Contractor must verify the location of all services and/or contact the relevant service authorities to arrange service locations. The Contractor shall be responsible for any damages caused to existing services, whether shown on the plans or not.
- The Contractor shall notify the relevant authority 7 days prior to the commencement of construction.
- The Contractor shall take the utmost care to preserve existing trees. No tree shall be removed without the prior approval of the superintendent.
- All trenches crossing pavement areas or beneath kerb or footpath are to be backfilled with CONSOLIDATED class 1 or class 3 crushed rock.
- 100mm PVC pipes shown in the road reserve are for house drainage connections. They are to consist of sewer grade (SN10) uPVC pipes layed at 0.3m offset from the back of kerb with a minimum cover of 400mm. PVC Oblique branches are to be provided for each property as shown.
- All concrete for pits must have a minimum compressive strength of 25MPa at 28 days.
- Maximum driveway grade for any allotment is 1 in 8.
- Minimum finished grade on any allotment is 1 in 150.
- Electricity reticulation to be installed by others.
- Telecommunications conduits are to be installed as shown on the Telecommunications cable plan.
- Water & Gas Conduits 2x 50mm to be laid where indicated on the plans by the "-WG-" symbol, location to be marked via nail in bitumen with blue paint dot, backfill at ends of conduit to be blue sand and detailed as-built locations to be provided to the superintendent.
- Nature strips are to be topsoiled to a depth of approximately 100mm using material stockpiled from stripping, or approved imported material.
- Fill areas are to be cleared and stripped of all organic material and topsoil prior to placement of selected fill material. Fill areas are to be inspected by the supervising Engineer prior to any fill being placed. Fill is to be placed and compacted in layers, with a minimum compaction of 95% of the maximum dry density as determined by the standard compaction test being achieved. 98% of maximum dry density must be achieved within road pavement areas. Fill in accordance with AS-3798-2007 to Level 1 Supervision Standards.
- At the completion of works all rubbish, debris and surplus spoil is to be removed from site and disposed of in an appropriate manner. The site must be re-instated to the satisfaction of the Superintendent and/or Responsible Authority.

SHEET INDEX

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LAYOUT PLAN 2 CA230 & CA229	4	B
LAYOUT PLAN 3 CA289 & CA249	5	B
LAYOUT PLAN 4 CA251A, CA252 & CA253	6	B
LAYOUT PLAN 5 CA247A	7	B
LAYOUT PLAN 6 CA247A	8	B
LAYOUT PLAN 7 CA247	9	B
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SEWER VERIFIED DESIGN PLAN	2	C
SEWER VERIFIED LONGITUDINAL SECTION 1	3	C
SEWER VERIFIED LONGITUDINAL SECTION 2	4	C
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WATER VERIFIED DESIGN PLAN	6	D
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COMMUNICATIONS PIT & PIPE DESIGN OVERALL LAYOUT	1	B
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COMMUNICATIONS PIT & PIPE DESIGN SHEET 3	3	B
COMMUNICATIONS PIT & PIPE DESIGN SHEET 4	4	B
GAS PLANS - SEPARATELY BOUND		
GAS MAINS EXTENSION PLAN	1	A

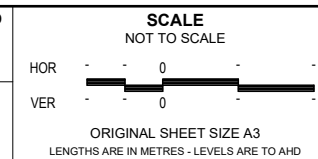
REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND



DESIGNED	DRAWN	CHECKED
A.Columbine	A.Columbine	D.Cranage
18/06/2020	18/06/2020	18/06/2020

APPROVED
DAMIEN CRANAGE
NER - 5299013



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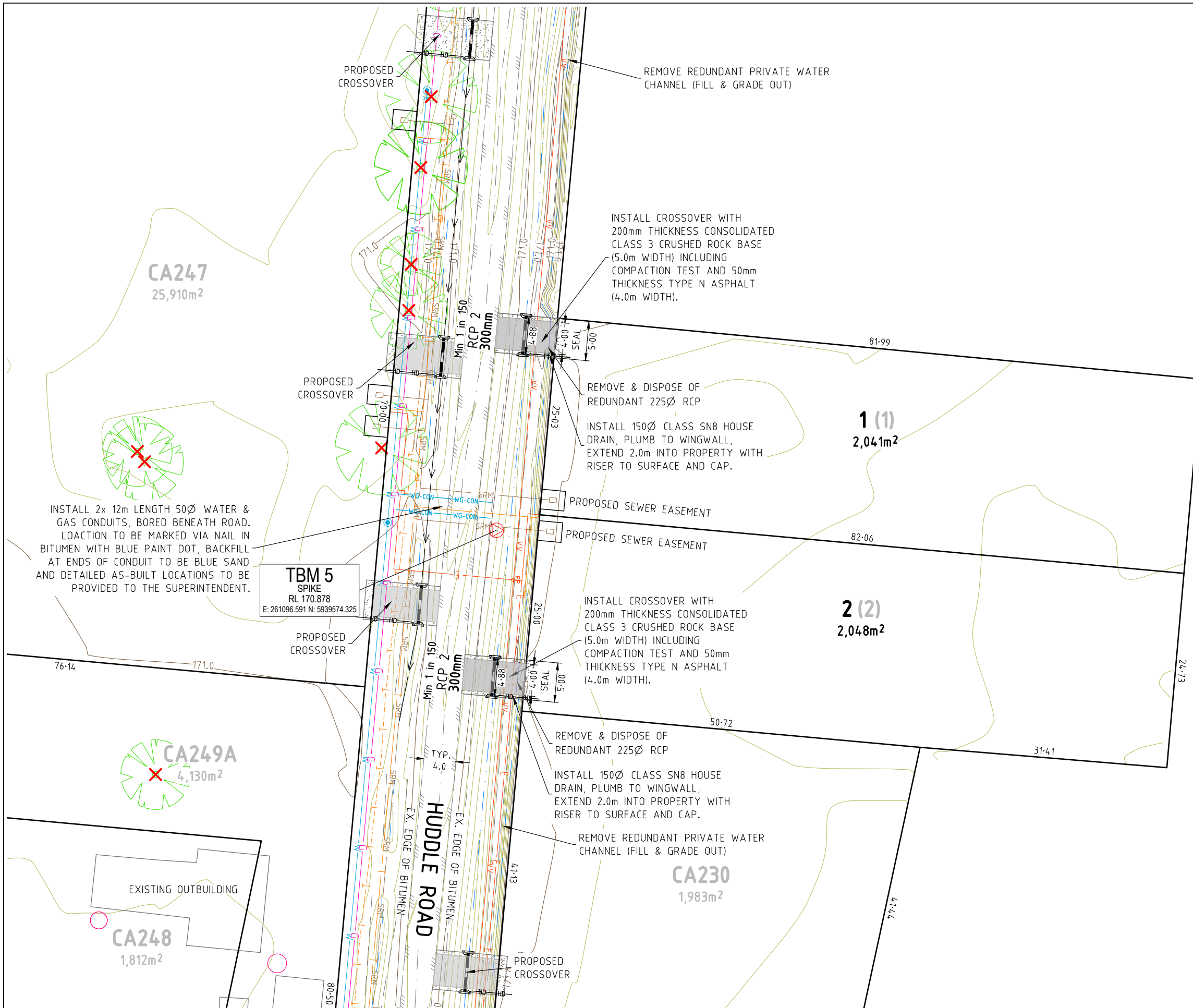
BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET
LOCALITY PLAN, SHEET INDEX AND GENERAL NOTES

COUNCIL
CITY OF GREATER BENDIGO
REF: -

WATER AUTHORITY
COLIBAN WATER
REF: 20550

FILE REF:
18019
DRAW REF:
FP01
REVISION
B
SHEET
1 OF 10

APPROX.
TRUE NORTH



WARNING
OVERHEAD POWER LINES
Overhead power lines are present in the works area. No works can be undertaken on-site until a visit by a Powercor representative. Permit to Work may be required.

WARNING
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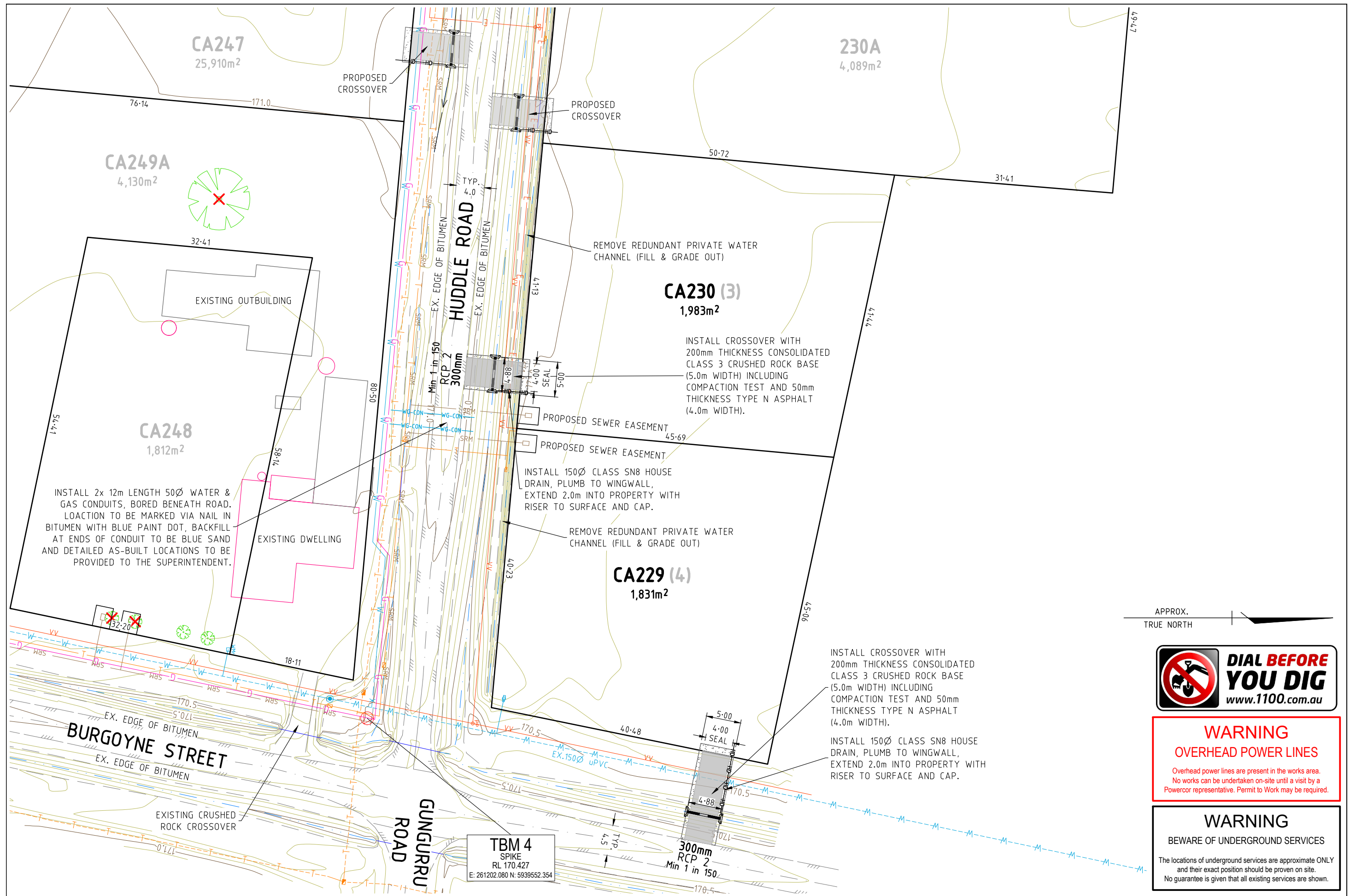
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GENERAL NOTES AND LEGEND
1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)
X TREE FOR REMOVAL



DESIGNED	DRAWN	CHECKED	SCALE
A.Columbine 18/06/2020	A.Columbine 18/06/2020	D.Cranage 18/06/2020	HOR - 1:500 VER - 1:500 HOR -5 -2.5 0 5 10 VER -5 -2.5 0 5 10 ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
APPROVED DAMIEN CRANAGE NER - 5299013			
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BURGOYNE PROJECTS PTY LTD		FILE REF: 18016
BURGOYNE STREET - STAGE 1		DRAW REF: LP01
223 BURGOYNE STREET, HUNTLY		REVISION B
LAYOUT PLAN 1 - CA230A		SHEET 3 OF 10
COUNCIL CITY OF GREATER BENDIGO REF: -	WATER AUTHORITY COLIBAN WATER REF: ME 20550	



APPROX. TRUE NORTH



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A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND

1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)

TREE FOR REMOVAL

T P D

Total Property Developments
 PLANNING ■ ENGINEERING ■ PROJECT MANAGEMENT

DESIGNED	DRAWN	CHECKED	SCALE
A.Columbine 18/06/2020	A.Columbine 18/06/2020	D.Cranage 18/06/2020	HOR - 1:500 VER - 1:500
APPROVED			HOR VER
DAMIEN CRANAGE NER - 5299013			ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD

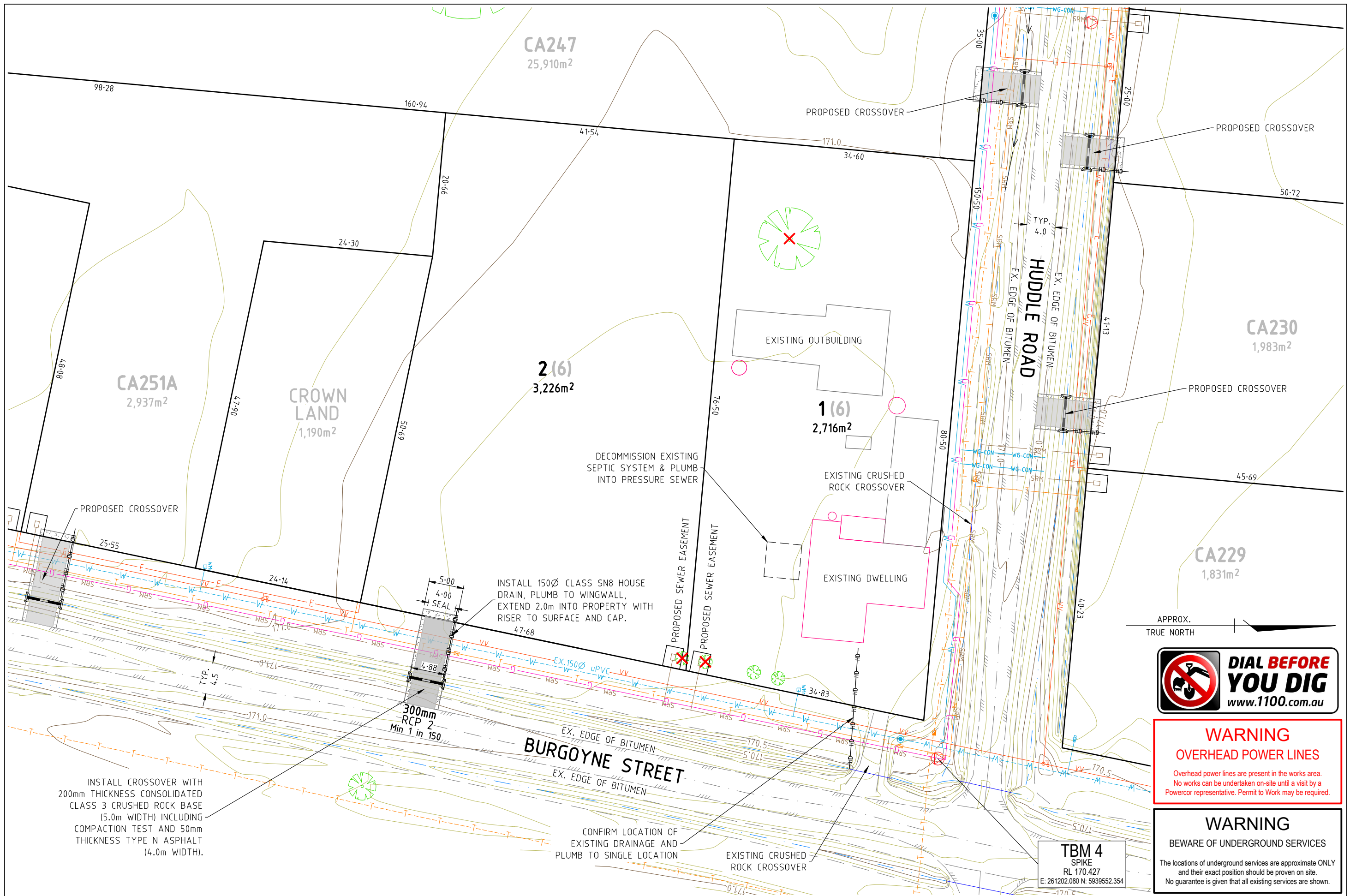
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BURGOYNE PROJECTS PTY LTD

BURGOYNE STREET - STAGE 1
 223 BURGOYNE STREET, HUNTLY

LAYOUT PLAN 2 - CA230 & CA229

COUNCIL CITY OF GREATER BENDIGO REF: -	WATER AUTHORITY COLIBAN WATER REF: ME 20550	FILE REF: 18016 DRAW REF: LP02 REVISION B SHEET 4 OF 10
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TBM 4
 SPIKE
 RL 170.427
 E: 261202.080 N: 5939552.354

INSTALL CROSSOVER WITH 200mm THICKNESS CONSOLIDATED CLASS 3 CRUSHED ROCK BASE (5.0m WIDTH) INCLUDING COMPACTION TEST AND 50mm THICKNESS TYPE N ASPHALT (4.0m WIDTH).

INSTALL 150Ø CLASS SN8 HOUSE DRAIN, PLUMB TO WINGWALL, EXTEND 2.0m INTO PROPERTY WITH RISER TO SURFACE AND CAP.

DECOMMISSION EXISTING SEPTIC SYSTEM & PLUMB INTO PRESSURE SEWER

CONFIRM LOCATION OF EXISTING DRAINAGE AND PLUMB TO SINGLE LOCATION

GENERAL NOTES AND LEGEND
 1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)
 X TREE FOR REMOVAL

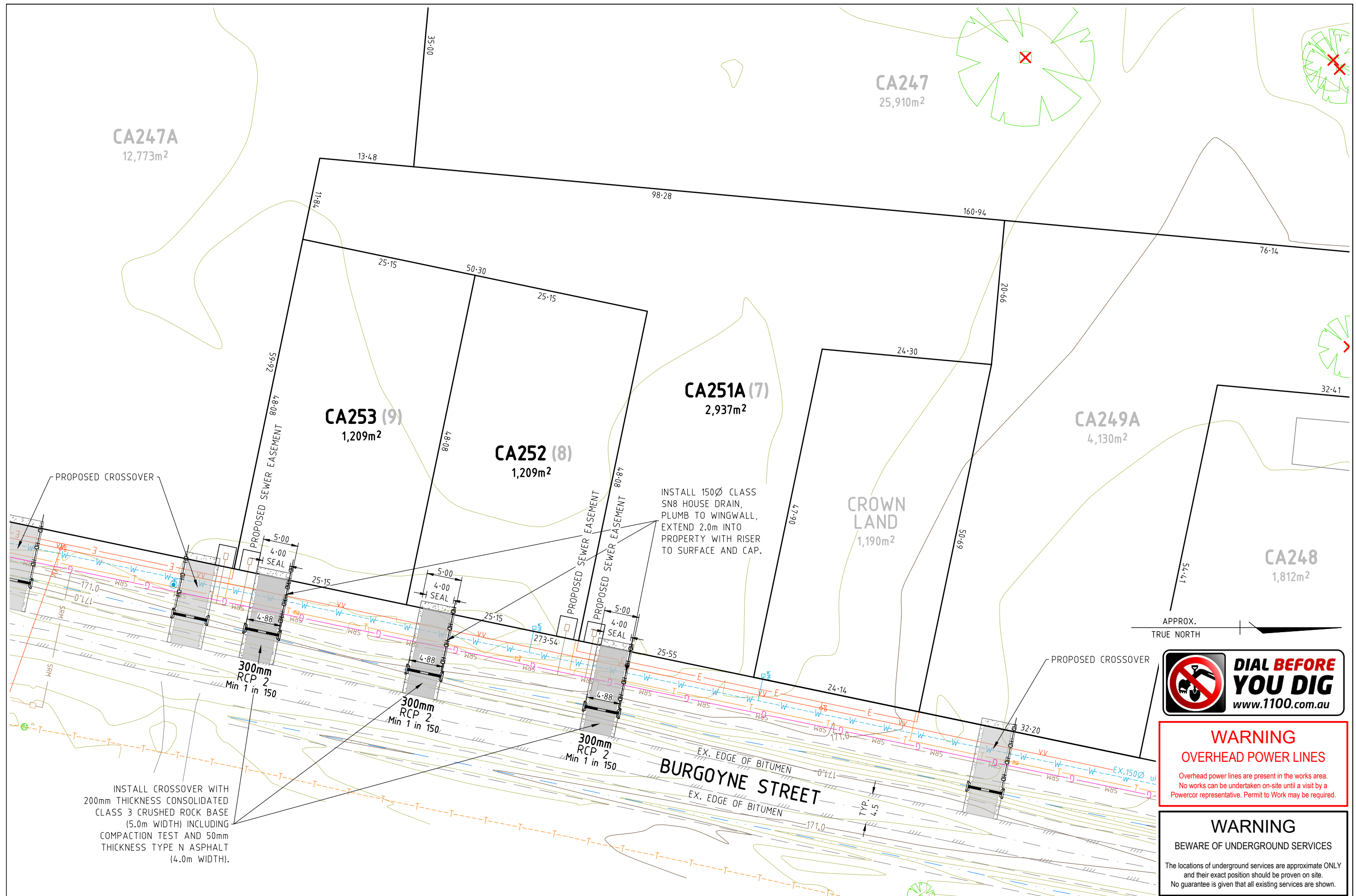


DESIGNED A.Columbine 18/06/2020	DRAWN A.Columbine 18/06/2020	CHECKED D.Cranage 18/06/2020
APPROVED DAMIEN CRANAGE NER - 5299013		

SCALE	
HOR - 1:500 VER - 1:500	
HOR	-5 -2.5 0 5 10
VER	-5 -2.5 0 5 10
ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD	

BURGOYNE PROJECTS PTY LTD		FILE REF: 18016
BURGOYNE STREET - STAGE 1		DRAW REF: LP03
223 BURGOYNE STREET, HUNTLY		REVISION B
LAYOUT PLAN 3 - CA248 & CA249A		SHEET 5 OF 10
COUNCIL CITY OF GREATER BENDIGO REF: DS/51/2020	WATER AUTHORITY COLIBAN WATER REF: ME 20550	

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GENERAL NOTES AND LEGEND
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 PLANNING ■ ENGINEERING ■ PROJECT MANAGEMENT

DESIGNED A.Columbine 18/06/2020	DRAWN A.Columbine 18/06/2020	CHECKED D.Cranage 18/06/2020	SCALE HOR - 1:500 VER - 1:500 HOR -5 -2.5 0 5 10 VER -5 -2.5 0 5 10 ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
APPROVED DAMIEN CRANAGE NER - 5299013			TOTAL PROPERTY DEVELOPMENTS (VIC) PTY LTD (ABN 73 136 905 041) - © COPYRIGHT All Correspondence to PO Box 1278, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Vic, 3550 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

BURGOYNE PROJECTS PTY LTD BURGOYNE STREET - STAGE 1 223 BURGOYNE STREET, HUNTLY		FILE REF: 18016
LAYOUT PLAN 4 - CA251A, CA252 & CA253		DRAW REF: LP04
COUNCIL CITY OF GREATER BENDIGO REF: -	WATER AUTHORITY COLIBAN WATER REF: ME 20550	REVISION B
		SHEET 6 OF 10



WARNING
OVERHEAD POWER LINES

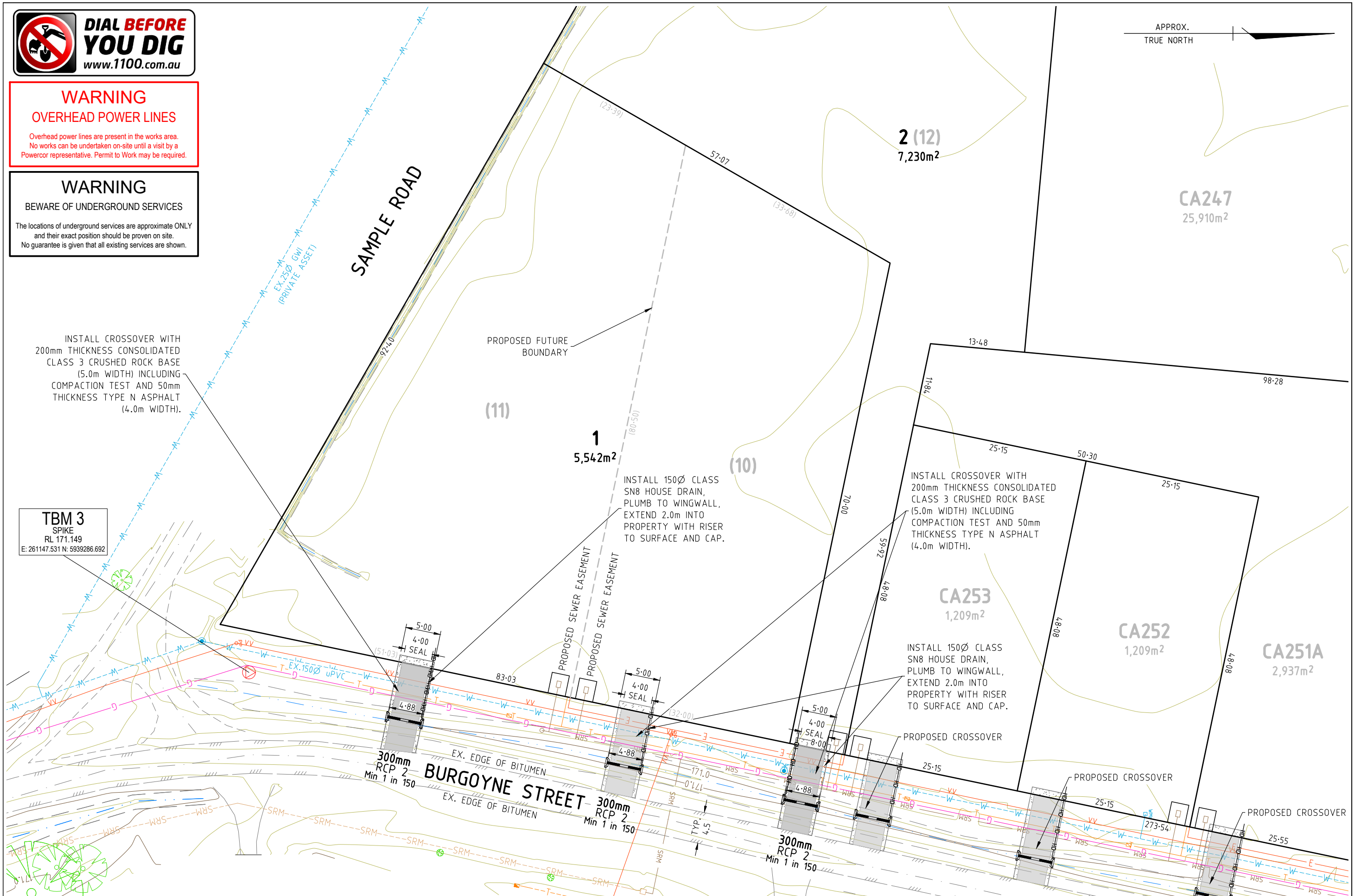
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APPROX.
TRUE NORTH



TBM 3
SPIKE
RL 171.149
E: 261147.531 N: 5939286.692

GENERAL NOTES AND LEGEND
1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)



DESIGNED	DRAWN	CHECKED
A.Columbine	A.Columbine	D.Cranage
18/06/2020	18/06/2020	18/06/2020

SCALE	
HOR	1:500
VER	1:500

APPROVED
DAMIEN CRANAGE
NER - 5299013

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BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET, HUNTLY
LAYOUT PLAN 5 - CA247A

COUNCIL CITY OF GREATER BENDIGO REF: -	WATER AUTHORITY COLIBAN WATER REF: ME 20550
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FILE REF: 18016
DRAW REF: LP05
REVISION B
SHEET 7 OF 10

REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX



WARNING
OVERHEAD POWER LINES

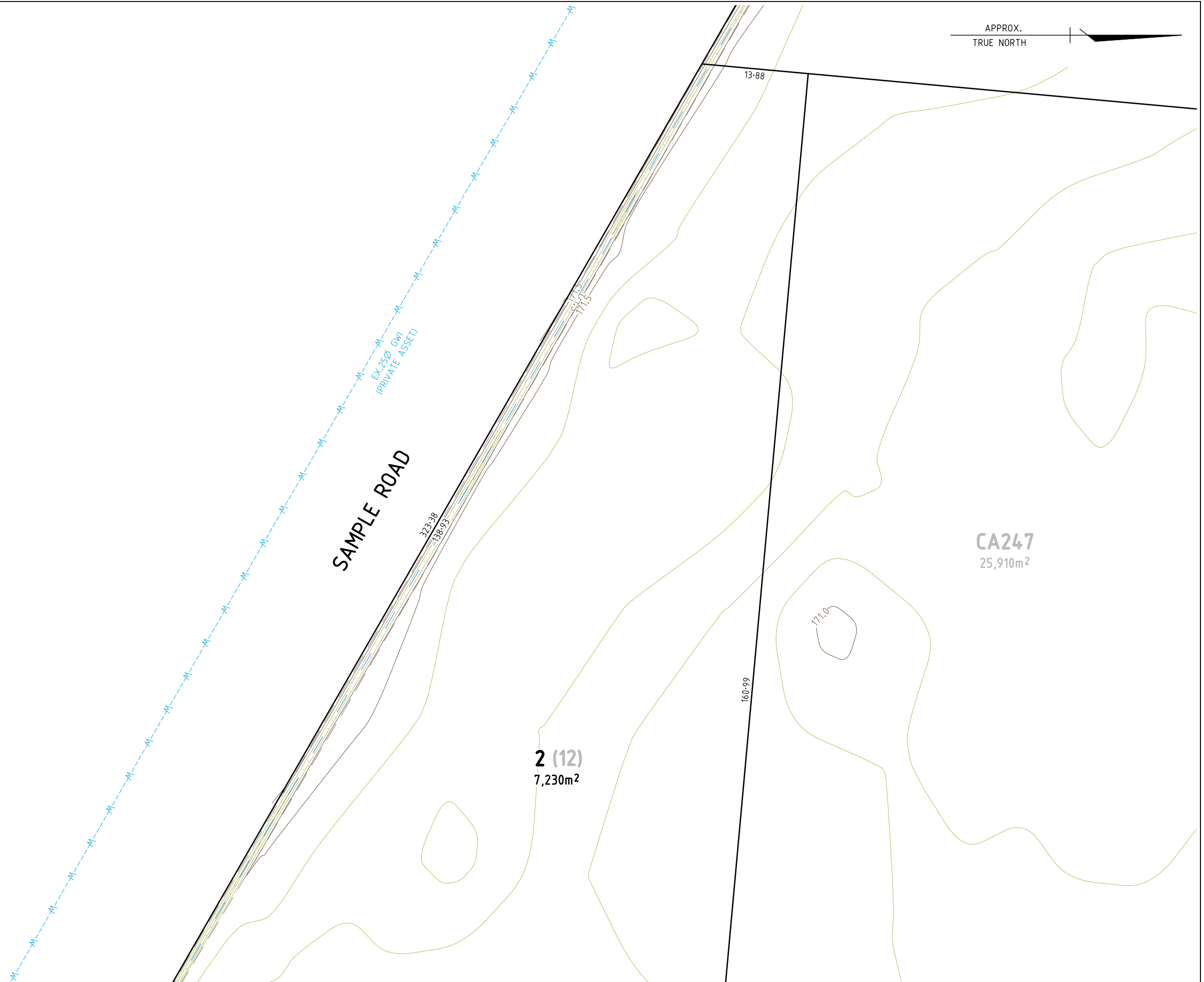
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TRUE NORTH



SAMPLE ROAD

CA247
25,910m²

2 (12)
7,230m²

GENERAL NOTES AND LEGEND

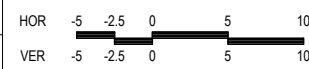
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A.Columbine 18/06/2020	A.Columbine 18/06/2020	D.Cranage 18/06/2020

APPROVED
DAMIEN CRANAGE
NER - 5299013

SCALE
HOR - 1:500 VER - 1:500



ORIGINAL SHEET SIZE A3
LENGTHS ARE IN METRES - LEVELS ARE TO AHD

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BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET, HUNTLY
LAYOUT PLAN 6 - CA247A

COUNCIL
CITY OF GREATER BENDIGO
REF: -

WATER AUTHORITY
COLIBAN WATER
REF: ME 20550

FILE REF:
18016
DRAW REF:
LP05
REVISION
B
SHEET
8 OF 10

REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX

1 (B)
14,644m²

(14)

2
11,266m²

(13)

CA249A
4,130m²

CA251A
2,937m²

CROWN
LAND
1,190m²

CA248
1,812m²

EXISTING OUTBUILDING

PROPOSED SEWER EASEMENT

PROPOSED CROSSOVER

PROPOSED SEWER EASEMENT

PROPOSED SEWER EASEMENT

PROPOSED CROSSOVER

PROPOSED CROSSOVER

INSTALL CROSSOVER WITH 200mm THICKNESS CONSOLIDATED CLASS 3 CRUSHED ROCK BASE (5.0m WIDTH) INCLUDING COMPACTION TEST AND 50mm THICKNESS TYPE N ASPHALT (4.0m WIDTH).

INSTALL 150Ø CLASS SN8 HOUSE DRAIN, PLUMB TO WINGWALL, EXTEND 2.0m INTO PROPERTY WITH RISER TO SURFACE AND CAP.
INSTALL CROSSOVER WITH 200mm THICKNESS CONSOLIDATED CLASS 3 CRUSHED ROCK BASE (5.0m WIDTH) INCLUDING COMPACTION TEST AND 50mm THICKNESS TYPE N ASPHALT (4.0m WIDTH).

PROPOSED FUTURE BOUNDARY



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GENERAL NOTES AND LEGEND

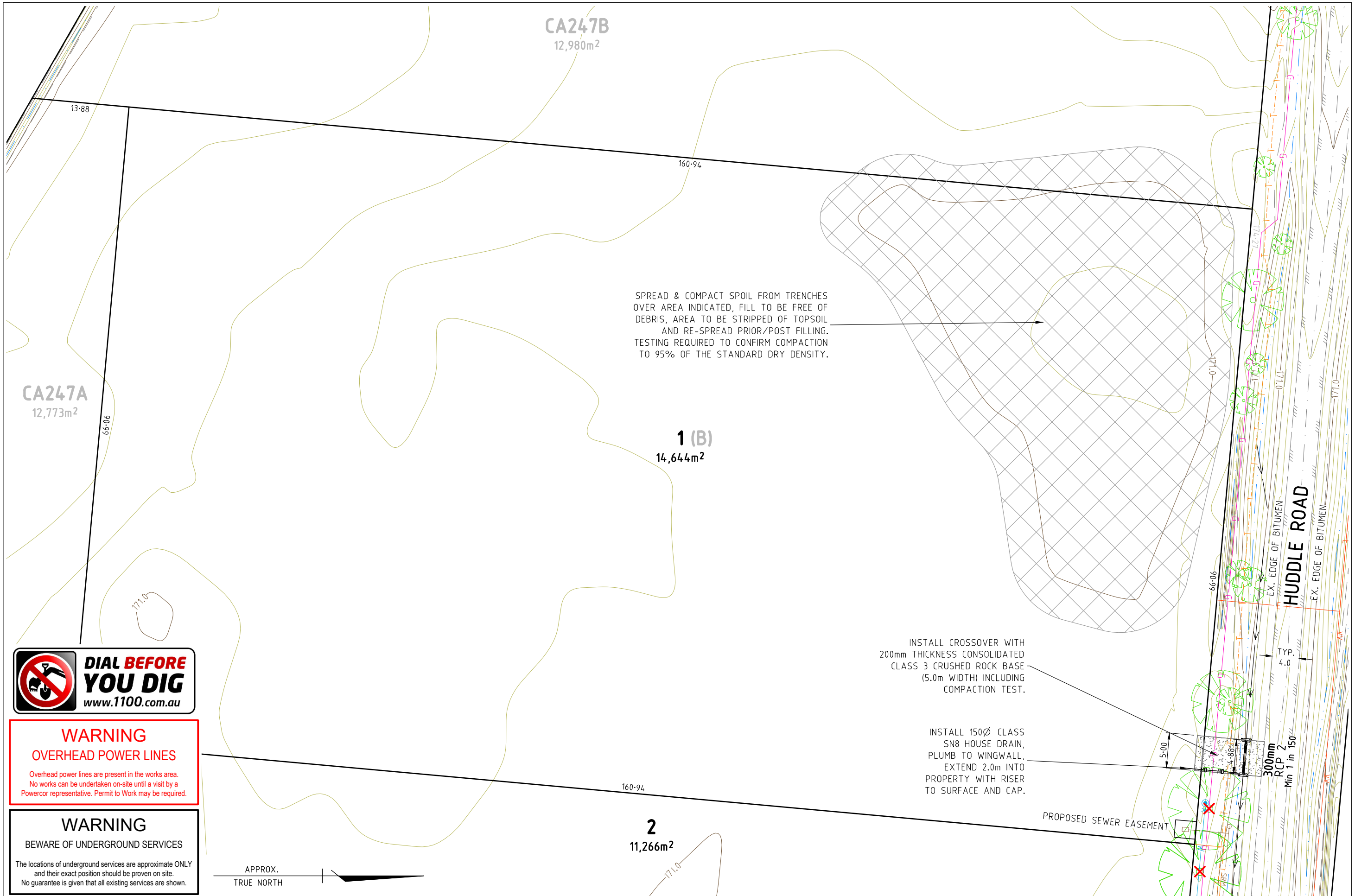
- 1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)
- X TREE FOR REMOVAL



DESIGNED A.Columbine 18/06/2020	DRAWN A.Columbine 18/06/2020	CHECKED D.Cranage 18/06/2020	SCALE HOR - 1:500 VER - 1:500 HOR -5 -2.5 0 5 10 VER -5 -2.5 0 5 10 ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
APPROVED DAMIEN CRANAGE NER - 5299013			TOTAL PROPERTY DEVELOPMENTS (VIC) PTY LTD (ABN 73 136 905 041) - © COPYRIGHT All Correspondence to PO Box 1278, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Vic, 3550 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

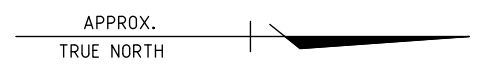
BURGOYNE PROJECTS PTY LTD BURGOYNE STREET - STAGE 1 223 BURGOYNE STREET, HUNTLY LAYOUT PLAN 7 - CA247		FILE REF: 18016 DRAW REF: LP06 REVISION B SHEET 9 OF 10
COUNCIL CITY OF GREATER BENDIGO REF: DS/218/2020	WATER AUTHORITY COLIBAN WATER REF: ME 20550	

REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX



WARNING
OVERHEAD POWER LINES
 Overhead power lines are present in the works area. No works can be undertaken on-site until a visit by a Powercor representative. Permit to Work may be required.

WARNING
BEWARE OF UNDERGROUND SERVICES
 The locations of underground services are approximate ONLY and their exact position should be proven on site. No guarantee is given that all existing services are shown.



GENERAL NOTES AND LEGEND
 1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)
 X TREE FOR REMOVAL



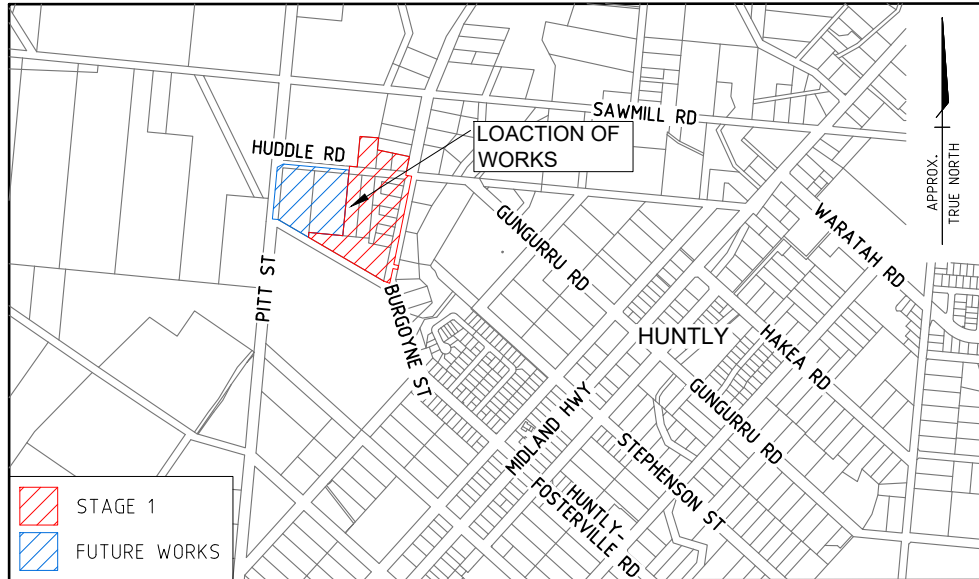
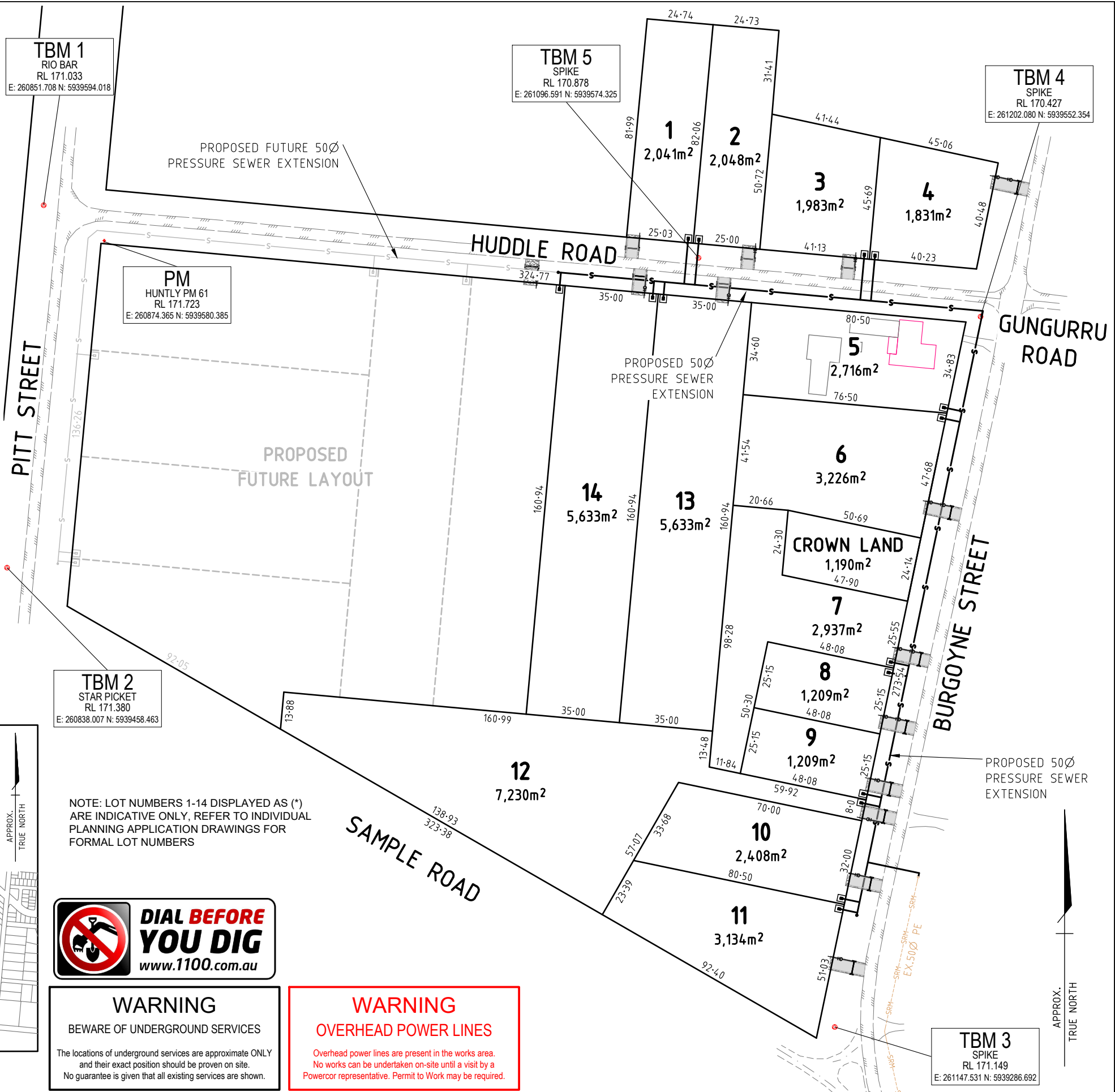
DESIGNED A.Columbine 18/06/2020	DRAWN A.Columbine 18/06/2020	CHECKED D.Cranage 18/06/2020	SCALE HOR - 1:500 VER - 1:500 ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
APPROVED DAMIEN CRANAGE NER - 5299013			
TOTAL PROPERTY DEVELOPMENTS (VIC) PTY LTD (ABN 73 136 905 041) - © COPYRIGHT All Correspondence to PO Box 1278, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Vic, 3550 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au			

BURGOYNE PROJECTS PTY LTD BURGOYNE STREET - STAGE 1 223 BURGOYNE STREET, HUNTLY LAYOUT PLAN 8 - CA247		FILE REF: 18016 DRAW REF: LP06 REVISION B SHEET 10 OF 10
COUNCIL CITY OF GREATER BENDIGO REF: DS/218/2020	WATER AUTHORITY COLIBAN WATER REF: ME 20550	

REV	REVISION DESCRIPTION	DATE	APP'D
B	COUNCIL ISSUE	18/06/2020	18/06/2020
A	DRAFT	XX	XX

PRESSURE SEWER MAIN NOTES

- All works are to be carried out in accordance with Coliban Water's current standards and specifications, the "Pressure Sewerage Code of Australia" (WSA 07-2007-1.1) and the "Sewerage Supply Code of Australia" (WSA 02-2002-2.3, Melbourne Retail Water Agencies Edition, Version 1).
- Contract is in accordance with AS2124-1992.
- Coliban Water must be notified a minimum of 5 working days prior to construction commencing.
- Prior to commencing works the Contractor must verify the location of all services and/or contact the relevant service authorities to arrange service locations. The Contractor shall be responsible for any damages caused to existing services, whether shown on the plans or not.
- The Contractor must comply with the "Occupational Health and Safety Act 2004", the requirements of the "Occupational Health and Safety Regulations 2017" and Work Safe Compliance Code for Excavation (Ed. No.1, 2018) at all times.
- Confined Space Entry must be in accordance with both Coliban Water and Occupational Health and Safety requirements. The Contractor must not enter a Confined Space until all required information has been submitted to Coliban Water.
- The contractor is not permitted to break into an existing live pipeline, enter a live manhole, or remove the cover of an existing live manhole unless given permission by the Supervising Engineer.
- Prior to commencing works the Contractor is to verify the invert level of all existing outfall sewers. Total Property Developments is to be notified of any discrepancies immediately.
- All sewer pressure pipes are to be joined by butt fusion welding and where access does not permit, electrofusion techniques in accordance with the manufacturers requirements. internal de-banding is required for all butt-welded joints.
- Tracer wire capable of being energised is to be laid in the trench alongside the pipe so that 350mm minimum cover is achieved.
- A brightly coloured marker tape is to be laid 250mm above the top of the pipe. This marker tape should indicate that there is a pressure sewer system below it.
- High Points along the pressure sewer rising main are to be avoided at all times.
- All trenches crossing pavement areas and driveways or beneath kerb or footpath are to be backfilled with consolidated class 1 or class 3 fine crushed rock.
- All pressure sewer to be PE PE100 PN16 cream striped pipe, with materials in accordance with Coliban Water's 'Preferred Equipment Manufacturer List'.
- All pressure sewer to have a minimum laid depth of 1.0m.
- Minimum 0.5m vertical clearance to parallel water mains (with sewer below water).
- Marker posts are to be installed at the spacing indicated on the plans.
- Flushing point pits must be of cast in-situ concrete construction with a class d cover.
- Boundary kits are to be fully encased to prevent leakage into the surrounding ground and must include a class d cover.
- Trench backfill including compaction tests must be undertaken in accordance with MRWA backfill specifications.
- All new sewers must be pressure tested. Where the contractor does not have a Quality Assurance system in place, all pipes must be inspected by the supervising engineer.
- At the completion of works all rubbish, debris and surplus spoil is to be removed from site and disposed of in an appropriate manner. The site must be re-instated to the satisfaction of the Superintendent and/or Responsible Authority.
- This design complies with Coliban Water standards and the supply offer dated 22/04/2020



LOCALITY PLAN
NTS

NOTE: LOT NUMBERS 1-14 DISPLAYED AS (*) ARE INDICATIVE ONLY, REFER TO INDIVIDUAL PLANNING APPLICATION DRAWINGS FOR FORMAL LOT NUMBERS



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WARNING
OVERHEAD POWER LINES
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REV	REVISION DESCRIPTION	DATE	APP'D
C	COLIBAN WATER ISSUE - VERIFIED DESIGN PLAN	18/06/2020	18/06/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND



DESIGNED	DRAWN	CHECKED	SCALE
A. Columbine	A. Columbine	D. Cranage	HOR - 1:1600 VER - 1:1600
18/06/2020	18/06/2020	18/06/2020	HOR - 16 8 0 16 32 VER - 16 8 0 16 32
APPROVED			ORIGINAL SHEET SIZE A3
DAMIEN CRANAGE NER - 5299013			LENGTHS ARE IN METRES - LEVELS ARE TO AHD

BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET, HUNTLY
SEWER OVERALL VERIFIED PLAN

COUNCIL: CITY OF GREATER BENDIGO REF: -
WATER AUTHORITY: COLIBAN WATER REF: 20550

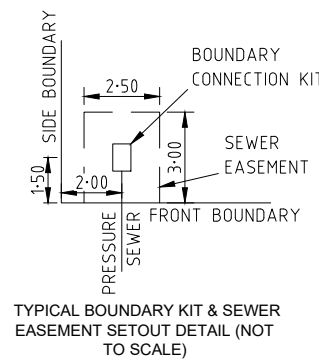
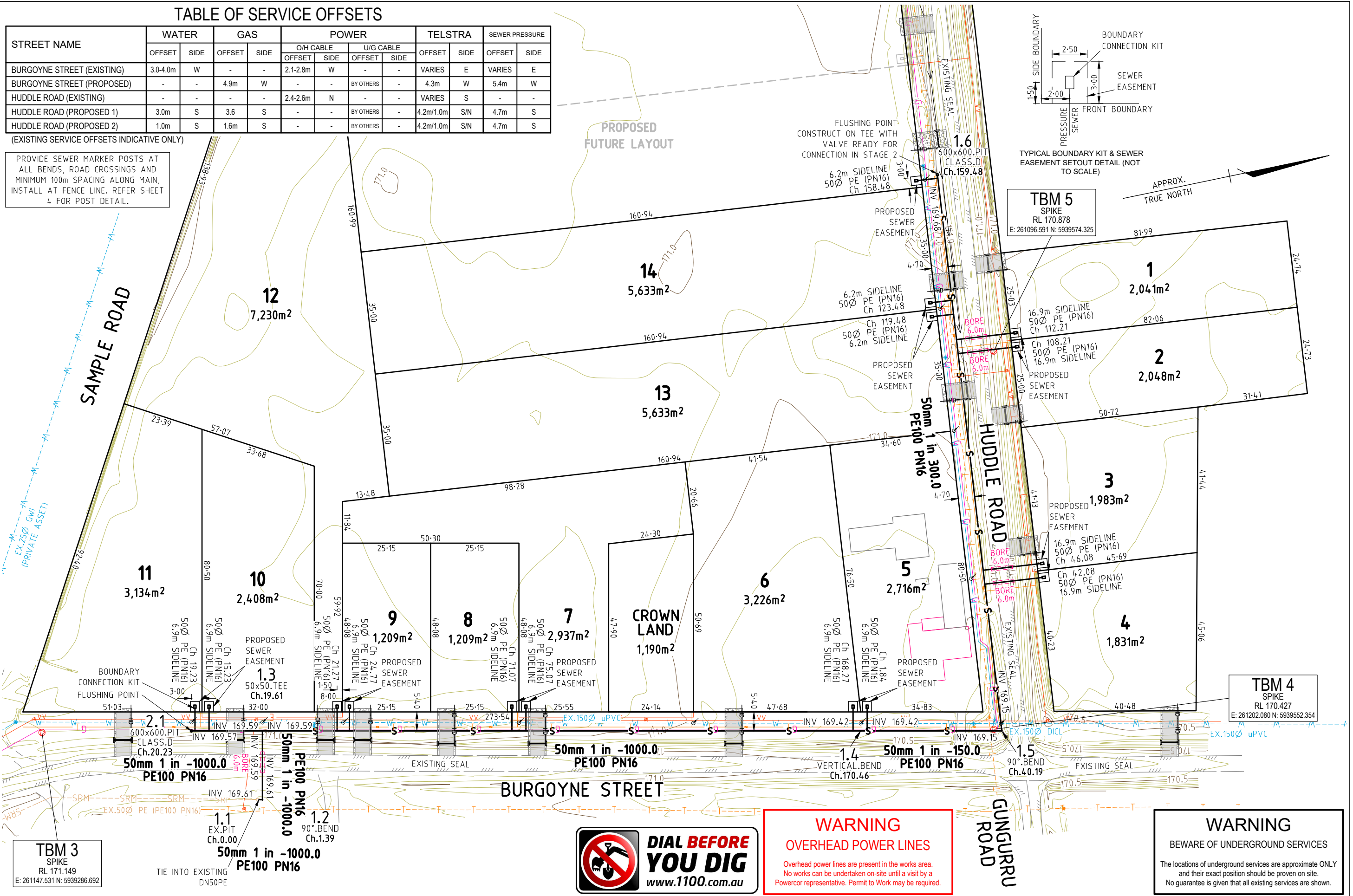
FILE REF:	18016
DRAW REF:	CWSP01
REVISION	C
SHEET	1 OF 4

TABLE OF SERVICE OFFSETS

STREET NAME	WATER		GAS		POWER				TELSTRA		SEWER PRESSURE	
	OFFSET	SIDE	OFFSET	SIDE	O/H CABLE OFFSET	O/H CABLE SIDE	U/G CABLE OFFSET	U/G CABLE SIDE	OFFSET	SIDE	OFFSET	SIDE
BURGOYNE STREET (EXISTING)	3.0-4.0m	W	-	-	2.1-2.8m	W	-	-	VARIES	E	VARIES	E
BURGOYNE STREET (PROPOSED)	-	-	4.9m	W	-	-	BY OTHERS	-	4.3m	W	5.4m	W
HUDDLE ROAD (EXISTING)	-	-	-	-	2.4-2.6m	N	-	-	VARIES	S	-	-
HUDDLE ROAD (PROPOSED 1)	3.0m	S	3.6	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S
HUDDLE ROAD (PROPOSED 2)	1.0m	S	1.6m	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S

(EXISTING SERVICE OFFSETS INDICATIVE ONLY)

PROVIDE SEWER MARKER POSTS AT ALL BENDS, ROAD CROSSINGS AND MINIMUM 100m SPACING ALONG MAIN, INSTALL AT FENCE LINE. REFER SHEET 4 FOR POST DETAIL.



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WARNING BEWARE OF UNDERGROUND SERVICES

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REV	REVISION DESCRIPTION	DATE	APP'D
C	COLIBAN WATER ISSUE - VERIFIED DESIGN PLAN	18/06/2020	18/06/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND

1. EXISTING SURFACE CONTOURS SHOWN (0.1m INCREMENTS)

2. POT HOLE WATER AND PROVIDE RL TO SUPERINTENDENT, RECORD AS-BUILT RL OF SEWER AT SAME LOCATION.

Total Property Developments

PLANNING ■ ENGINEERING ■ PROJECT MANAGEMENT

DESIGNED A. Columbine 18/06/2020
DRAWN A. Columbine 18/06/2020
CHECKED D. Cranage 18/06/2020

APPROVED
 DAMIEN CRANAGE
 NER - 5299013

SCALE
 HOR - 1:1000 VER - 1:1000

ORIGINAL SHEET SIZE A3
 LENGTHS ARE IN METRES - LEVELS ARE TO AHD

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 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

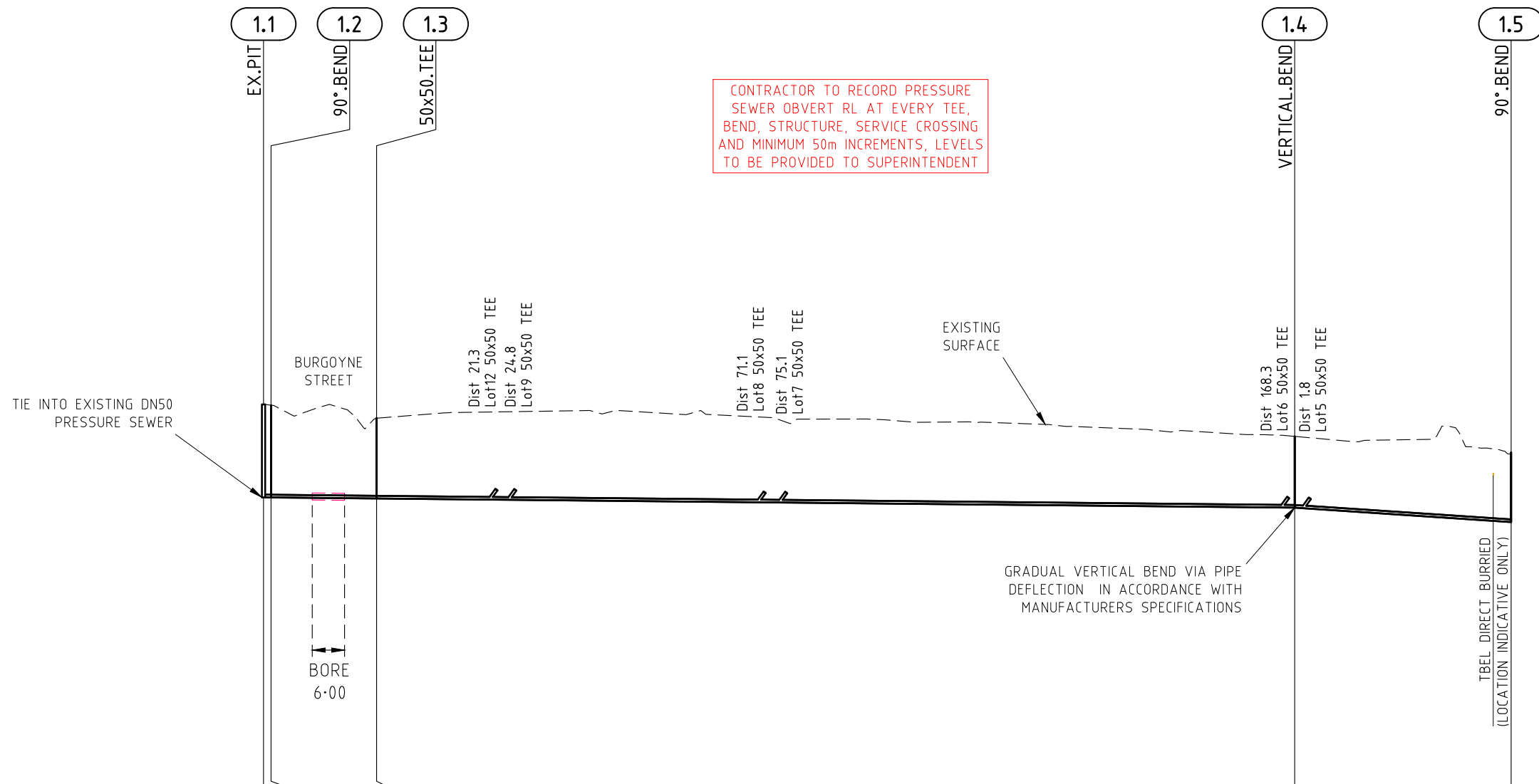
BURGOYNE PROJECTS PTY LTD

BURGOYNE STREET - STAGE 1
 223 BURGOYNE STREET, HUNTLY

SEWER VERIFIED DESIGN PLAN

COUNCIL: CITY OF GREATER BENDIGO REF: -
 WATER AUTHORITY: COLIBAN WATER REF: 20550

FILE REF: 18016
 DRAW REF: CWSP01
 REVISION C
 SHEET 2 OF 4



Pipe Size (mm)	50	50	50	50
Type	PE100 PN16	PE100 PN16	PE100 PN16	PE100 PN16
Pipe Grade (1 in) (%)	-1000 -0.100%	-1000 -0.100%	-1000 -0.100%	-150 -0.667%
Datum R.L.	161.0			
Invert	169.610	169.609	169.589	169.419
Depth to Invert From FSL	1.73	1.71	1.49	1.32
Finished Surface	171.337	171.322	171.081	170.743
Existing Surface	171.337	171.322	171.081	170.743
Chainage	0.00	1.39	21.00	191.45
		19.61	170.46	4.0.19
				231.64

REV	REVISION DESCRIPTION	DATE	APP'D
C	COLIBAN WATER ISSUE - VERIFIED DESIGN PLAN	18/06/2020	18/06/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND



DESIGNED A. Columbine 18/06/2020	DRAWN A. Columbine 18/06/2020	CHECKED D. Cranage 18/06/2020
APPROVED DAMIEN CRANAGE NER - 5299013		

SCALE
HOR - 1:1000 VER - 1:100

ORIGINAL SHEET SIZE A3
LENGTHS ARE IN METRES - LEVELS ARE TO AHD

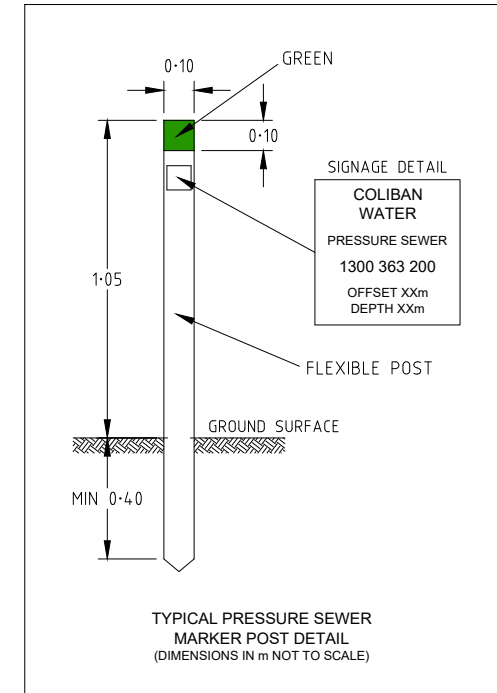
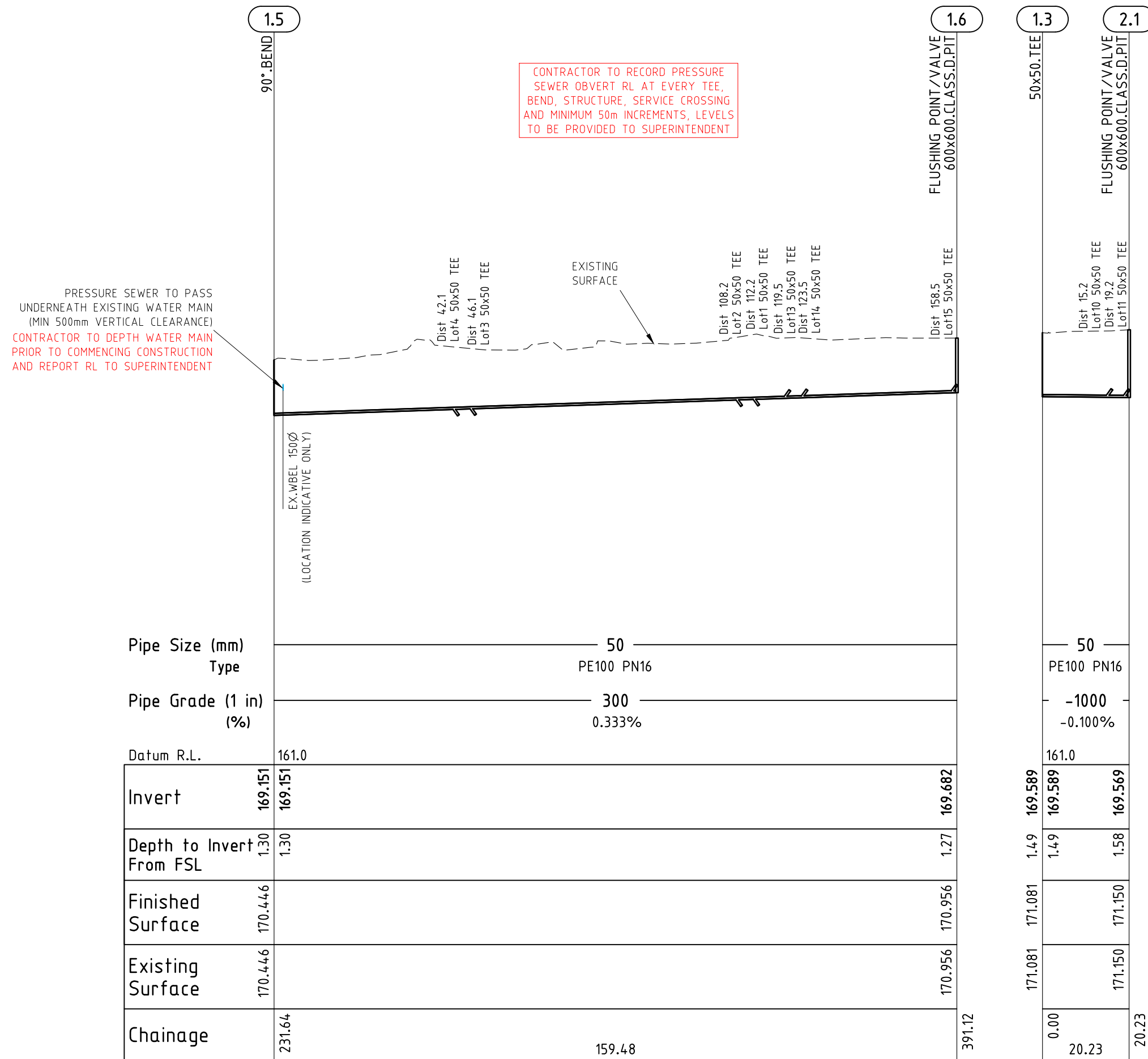
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T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
223 BURGOYNE STREET, HUNTLY
SEWER VERIFIED
LONGITUDINAL SECTION 1

COUNCIL
CITY OF GREATER BENDIGO
REF: -

WATER AUTHORITY
COLIBAN WATER
REF: 20550

FILE REF: 18016
DRAW REF: CWSP01
REVISION C
SHEET 3 OF 4



REV	REVISION DESCRIPTION	DATE	APP'D
C	COLIBAN WATER ISSUE - VERIFIED DESIGN PLAN	18/06/2020	18/06/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND



DESIGNED	DRAWN	CHECKED
A. Columbine	A. Columbine	D. Cranage
18/06/2020	18/06/2020	18/06/2020
APPROVED		
DAMIEN CRANAGE NER - 5299013		

SCALE	
HOR - 1:1000	VER - 1:100
HOR	VER
-10 -5 0 10 20	-1 -0.5 0 1 2
ORIGINAL SHEET SIZE A3	
LENGTHS ARE IN METRES - LEVELS ARE TO AHD	

BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
 223 BURGOYNE STREET, HUNTLY
SEWER VERIFIED LONGITUDINAL SECTION 1 & MARKER POST DETAIL

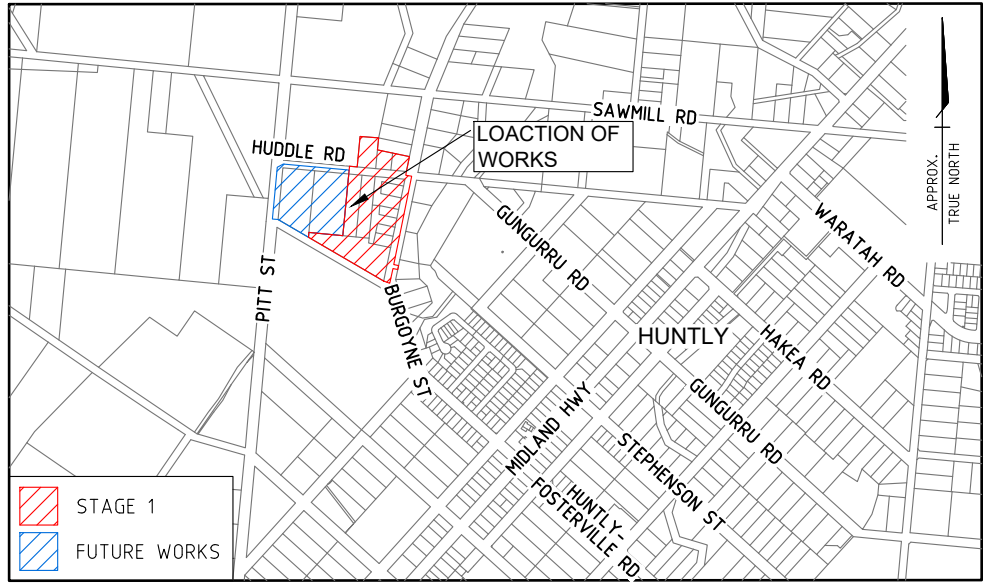
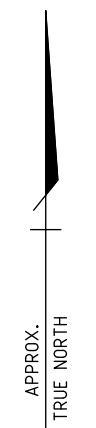
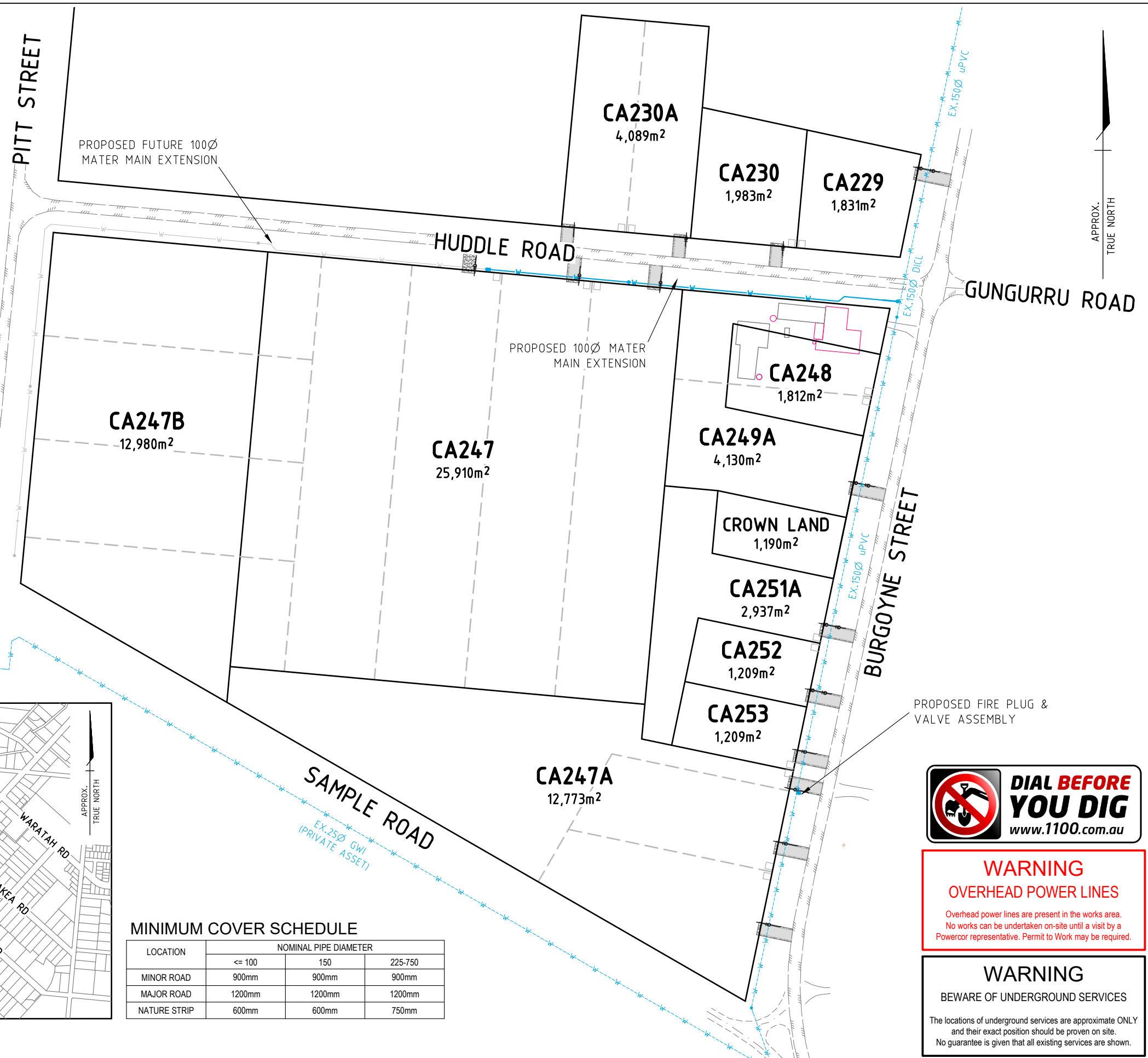
COUNCIL
CITY OF GREATER BENDIGO
REF: -

WATER AUTHORITY
COLIBAN WATER
REF: 20550

FILE REF:	18016
DRAW REF:	CWSP01
REVISION	C
SHEET	4 OF 4

WATER MAIN NOTES

- All works are to be carried out in accordance with Coliban Water's current standards, specifications and supplements and the "Water Supply Code of Australia" (WSA 03-2011-3.1, Melbourne Retail Water Agencies Edition, Version 2).
- Disinfection of water mains is to be undertaken in accordance with WSA 03-2011-3.1 - Appendix I. If E.coli or any non-compliant physical, chemical, microbiological parameters are found the Superintendent is to be notified immediately. No new water main should be connected to an existing water main without Coliban Water's approval (including approval of any water quality results).
- Coliban Water must be notified a minimum of 5 working days prior to construction commencing.
- Prior to commencing works the Contractor must verify the location of all services and/or contact the relevant service authorities to arrange service locations. The Contractor shall be responsible for any damages caused to existing services, whether shown on the plans or not.
- The Contractor must comply with the "Occupational Health and Safety Act 2004", the requirements of the "Occupational Health and Safety Regulations 2017" and Work Safe Compliance Code for Excavation (Ed. No.1, 2018) at all times..
- All bends and fittings on uPVC pipe shall be ductile iron cement lined.
- All trenches crossing pavement areas and driveways or beneath kerb or footpath are to be backfilled with consolidated class 3 fine crushed rock.
- The Contractor must supply all assemblies, cast iron covers, surrounds and indicator posts for isolation valves (IV) and fireplugs (FP).
- The Contractor must provide (as required) thrust, anchor blocks and restrained joints at valves, flexible jointed bends, tees, washouts, hydrants etc. generally as per MRWA-W-206 or any other relevant MRWA standard drawings.
- Detectable marker tape and/or tracer wire is to be provided along all mains to form a continuous connection between valves, hydrants, washouts and property services.
- No used or second hand pipes or fittings are permitted - all pipes and fittings being hydrants, valves, marker posts, covers etc are to be new.
- At the completion of works all rubbish, debris and surplus spoil is to be removed from site and disposed of in an appropriate manner. The site must be re-instated to the satisfaction of the Superintendent and/or Responsible Authority.
- This design complies with Coliban Water standards and supply offer dated 16/04/2020.



LOCALITY PLAN
NTS

MINIMUM COVER SCHEDULE

LOCATION	NOMINAL PIPE DIAMETER		
	<= 100	150	225-750
MINOR ROAD	900mm	900mm	900mm
MAJOR ROAD	1200mm	1200mm	1200mm
NATURE STRIP	600mm	600mm	750mm



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REV	REVISION DESCRIPTION	DATE	APP'D
D	COLIBAN WATER ISSUE - VERIFIED DESIGN	18/06/2020	18/06/2020
C	COLIBAN WATER ISSUE - WATER METER & CROWN ALLOTMENT INFO.	21/04/2020	21/04/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND

--- PROPOSED FUTURE LOT BOUNDARIES



DESIGNED	DRAWN	CHECKED	SCALE
A. Columbine 18/06/2020	A. Columbine 18/06/2020	D. Cranage 18/06/2020	HOR - 1:1600 VER - 1:1600
APPROVED			HOR -16 -8 0 16 32 VER -16 -8 0 16 32
DAMIEN CRANAGE NER - 5299013			ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
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BURGOYNE PROJECTS PTY LTD		FILE REF:
BURGOYNE STREET - STAGE 1		18016
223 BURGOYNE STREET, HUNTLY		DRAW REF:
WATER OVERALL VERIFIED DESIGN PLAN		CWWP01
COUNCIL	WATER AUTHORITY	REVISION
CITY OF GREATER BENDIGO	COLIBAN WATER	D
REF: -	REF: ME 20550	SHEET
		1 OF 2

THRUST RESTRAINT SCHEDULE

LOCATION	TYPE	THRUST	AHBP (kPa) USED	AREA(m ²), OR W(m) x Y(m)
A	CONCRETE	VALVE & HYDRANT INLINE (MRWA-W-205A-K)	50	0.30
B	CONCRETE	VALVE INLINE (MRWA-W-205A-J)	50	0.30
C	CONCRETE	BEND (MRWA-W-205A-C)	50	0.21
D	CONCRETE	BEND (MRWA-W-205A-C)	50	0.21
E	CONCRETE	VALVE & HYDRANT INLINE (MRWA-W-205A-K)	50	0.30

*Thrust restraint areas shown are based on an allowable horizontal bearing pressure of 100kPa, a system test pressure of 1200kPa and installation temperature of 25° Celsius. Restraints to be installed in accordance with MRWA-W-204 / WRWA-W-205A.
 *CONTRACTOR TO PROVIDE PHOTOS OF THRUST RESTRAINTS.

PIPE SCHEDULE

SIZE	TYPE	CLASS	LENGTH (m)
100mm	PVC RRJ - SERIES 1	PN16	154.3
DN125	PE 100	PN16	6.7

NOTE: MARKER TAPE & TRACER WIRE REQUIRED OVER WATER MAIN.

NOTE: REFER TO MRWA-W-202 FOR PIPE TRENCH DETAILS.

NOTE: CONTRACTOR TO OBTAIN COUNCIL WORKS WITHIN ROAD RESERVE PERMIT PRIOR TO UNDERTAKING ANY WORKS WITHIN THE ROAD RESERVE.

NOTE: CHLORINATION TEST TO BE UNDERTAKEN BY COLIBAN WATER ACCREDITED CONTRACTOR & RESULTS TO BE PROVIDED TO SUPERVISING ENGINEER PRIOR TO CONNECTING NEW MAIN TO UNDER PRESSURE CONNECTION VALVE.

ASSET RECORDING REQUIREMENTS

The contractor must record all construction details including offsets of mains and locations of fittings such as valves, tees, fire plugs etc, and testing details, using appropriate "line sheets". The information is to be provided to the supervising engineer in a suitable form to enable detailed "as constructed" plans to be produced. Line sheets are available from Total Property Developments, or the contractor may use their own if approved by Total Property Developments prior to works commencing. The information is to be provided within 1 week of the completion of the works. Claims for payment for construction may be delayed until the line sheets have been received by the supervising engineer.

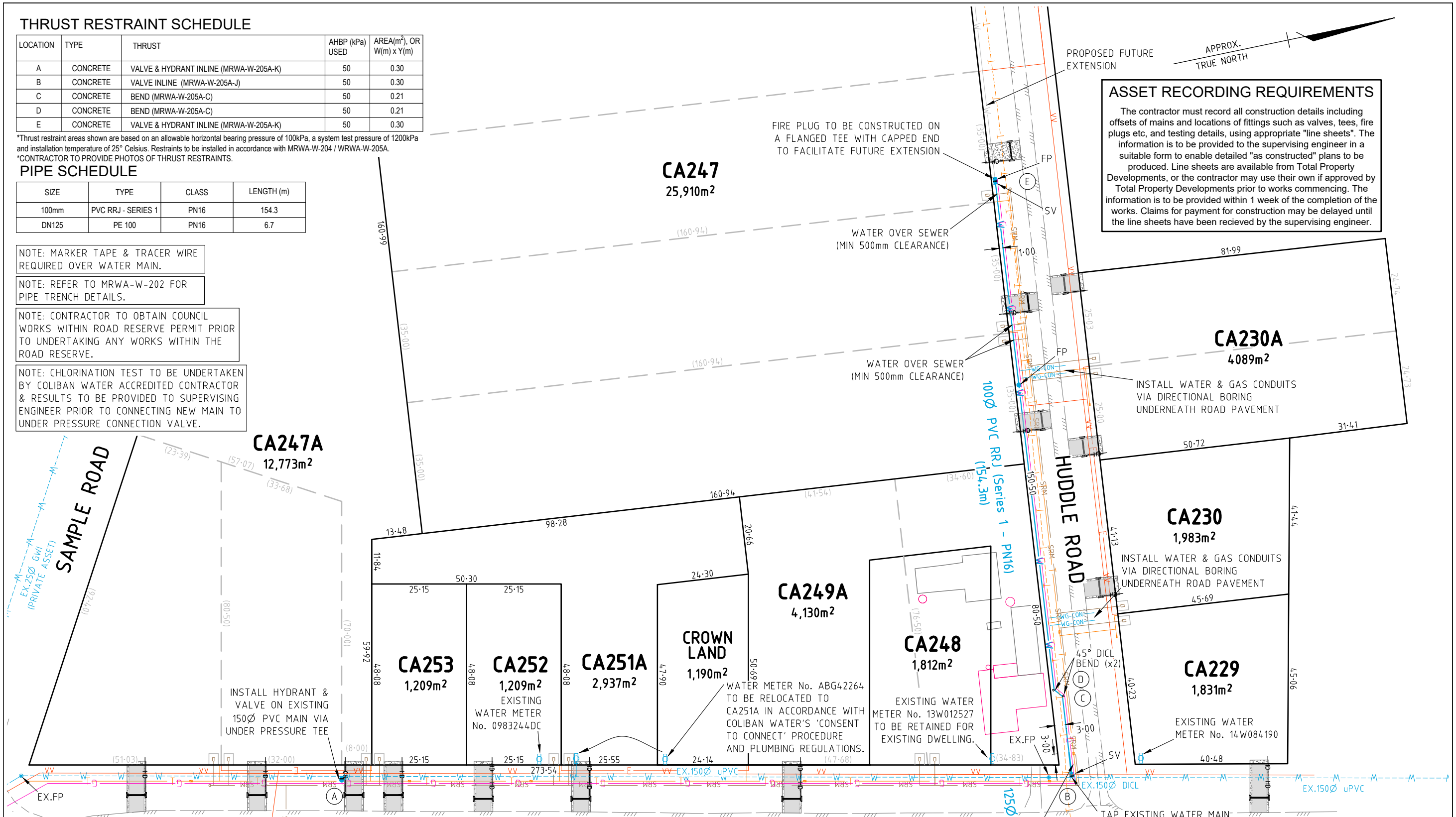


TABLE OF SERVICE OFFSETS

STREET NAME	WATER		GAS		POWER				TELSTRA		SEWER PRESSURE	
	OFFSET	SIDE	OFFSET	SIDE	O/H CABLE		U/G CABLE		OFFSET	SIDE	OFFSET	SIDE
					OFFSET	SIDE	OFFSET	SIDE				
BURGOYNE STREET (EXISTING)	3.0-4.0m	W	-	-	2.1-2.8m	W	-	-	VARIES	E	VARIES	E
BURGOYNE STREET (PROPOSED)	-	-	4.9m	W	-	-	BY OTHERS	-	4.3m	W	5.4m	W
HUDDLE ROAD (EXISTING)	-	-	-	-	2.4-2.6m	N	-	-	VARIES	S	-	-
HUDDLE ROAD (PROPOSED 1)	3.0m	S	3.6	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S
HUDDLE ROAD (PROPOSED 2)	1.0m	S	1.6m	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S

(EXISTING SERVICE OFFSETS INDICATIVE ONLY)

WARNING
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DIAL BEFORE YOU DIG
 www.1100.com.au

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REV	REVISION DESCRIPTION	DATE	APP'D
D	COLIBAN WATER ISSUE - VERIFIED DESIGN	18/06/2020	18/06/2020
C	COLIBAN WATER ISSUE - WATER METER & CROWN ALLOTMENT INFO.	21/04/2020	21/04/2020
B	COLIBAN WATER ISSUE	26/03/2020	26/03/2020
A	DRAFT	XX	XX

GENERAL NOTES AND LEGEND

- FP - FIRE PLUG
- SV - STOP VALVE
- PROPOSED FUTURE LOT BOUNDARIES

Total Property Developments
 PLANNING ■ ENGINEERING ■ PROJECT MANAGEMENT

DESIGNED: A. Columbine 18/06/2020
 DRAWN: A. Columbine 18/06/2020
 CHECKED: D. Cranage 18/06/2020

APPROVED: DAMIEN CRANAGE NER - 5299013

SCALE: HOR - 1:1000 VER - 1:1000

ORIGINAL SHEET SIZE A3
 LENGTHS ARE IN METRES - LEVELS ARE TO AHD

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 All Correspondence to PO Box 1278, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Vic, 3550
 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au

BURGOYNE PROJECTS PTY LTD
BURGOYNE STREET - STAGE 1
 223 BURGOYNE STREET, HUNTLY
WATER VERIFIED DESIGN PLAN

COUNCIL: CITY OF GREATER BENDIGO REF: -
 WATER AUTHORITY: COLIBAN WATER REF: ME 20550

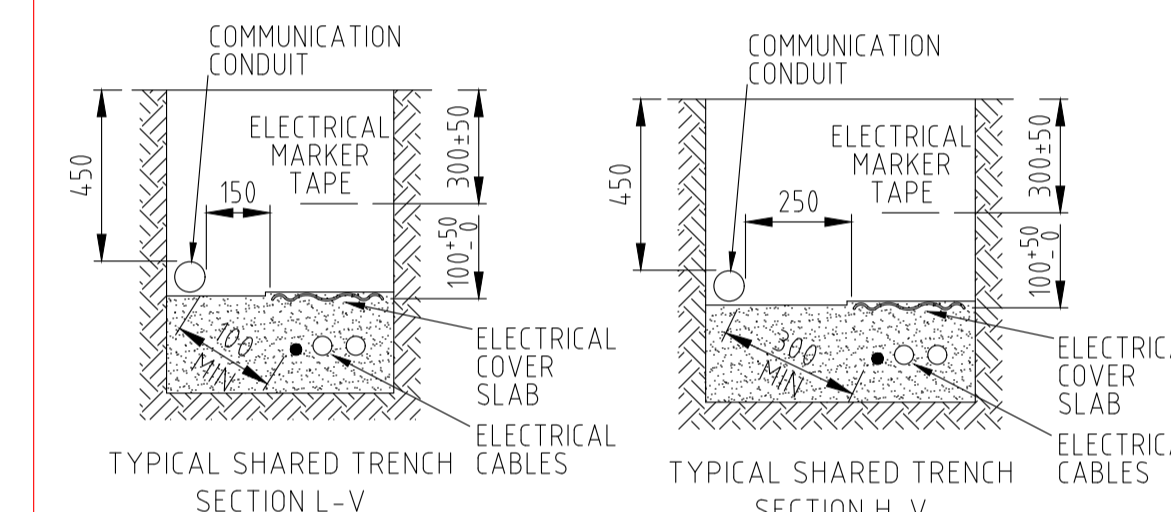
FILE REF: 18016
 DRAW REF: CWWP01
 REVISION D
 SHEET 2 OF 2

GENERAL NOTES

- All works, including but not limited to conduits, fittings, caps draw wire, haul ropes, installation, trenching, bedding and backfill are to be completed in accordance with "Fibre-Ready Pit & Pipe Specification for Real Estate Development Projects - G645:2017, Communications Alliance Ltd" all relevant Council, Communications Alliance, and Australian & New Zealand Standards Contract is in accordance with AS2124-1992 including annexures.
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- Conduits must be white and labeled "communications" and meet the minimum requirements of AS/ACIF S008: 2010 and ACIF C524:2013. 100mm nominal diameter Conduits (P100) must be PN9 as detailed in AS/NZS 1477:2006 table 4.2(A). 50mm & 20mm nominal diameter Conduits (P50 & P20) must be class PN12 as detailed in AS/NZS 1477:2006 table 4.2(A).
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- Pit lids must be labeled as required by AS/CA S008 & AS 3996, Section 1.6.
- Pits shall be placed in line with the conduit they connect with. Conduits will must enter flush with the short side of pits at least 50mm above the pit floor.
- All conduits must have a drawing or similar installed, service conduit drawings are to be labeled with lot, position from boundary (L or R) and distance from boundary.

CONDUIT DEPTHS AND COVER

LOCATION	MINIMUM COVER
SERVICE DROP CONDUIT LESS THAN 3m FROM THE PIT TO THE BOUNDARY ENTRY	300mm
SERVICE DROP CONDUIT MORE THAN 3m FROM THE PIT TO THE BOUNDARY ENTRY	450mm
VERGE (WALKWAYS, FOOTPATHS)	450mm
ROAD (NON-STATE OR TERRITORY)	600mm
ROAD CROSSING	800mm to 1200mm (TYP.)



(ALL CONSTRUCTION TO BE INSTALLED IN SHARED TRENCH UNLESS OTHERWISE SHOWN)

CLEARANCE FROM OTHER CARRIER AND SERVICES

SERVICE ITEM	MINIMUM RADIAL CLEARANCES
GAS - OVER 110mm - LESS THAN 110mm	300mm 150mm
POWER - HIGH VOLTAGE - LOW VOLTAGE	300mm 100mm*2
WATER MAINS - TRUNK MAINS - LOCAL RETICULATION	300mm 150mm
SEWER - MAIN - CONNECTION PIPE	300mm 150mm
OTHER TELECOMMUNICATIONS	100mm*1

*1 - reduced separation is possible where all parties are consulted and agreement is reached.
*2 - Only where protection barriers are used, for example, conduit, bedding, marker tape & cover batten.

LEGEND

PIT-ID 2 Service Drop Access Pit (650mmX280mmX565mm)
PIT-ID 5 Service Drop Access Pit/Boundary Pit/F/JL (Flexible Joint Location) (700mmX450mmX650mm)
PIT-ID 6 Service Drop Access Pit/LN (Local Network Connection Pit)/F/JL (Flexible Joint Location) (1360mmX555mmX650mm)
PIT-ID 8 Distribution Pit/LN (Local Network Connection Pit) (1360mmX555mmX650mm)
 Transformer / Kiosk / Pad Mount Sub-station / Pole Mount Transformer
CONDUIT SIZE PIT-ID P100 265 PIT-ID 5
CONDUIT DETAIL CONDUIT LENGTH

BILL OF MATERIAL				
NO OF LOTS: 15				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	2	P100	10	434.2
5	9	P50	2	38
6	0	P20	15	228.2
8	0			
9	0			
TOTAL NUMBER OF PITS: 11				
TOTAL NUMBER OF MANHOLES: 0				
TOTAL NUMBER OF CONDUITS: 27				
TOTAL LENGTH OF CONDUITS: 700.4				

SDU Development Information

Development Name: BURGUYNE_STREET
Developer Company: BURGUYNE_PROJECTS_P/L
Development Address: 223_BURGUYNE_STREET_HUNTLY
Authorised Rep: A.COLUMBINE
 Phone: 0417568816
 E-Mail: ARON@TOTALPD.COM.AU
Reference Number: - **Stage Number:** 1
Design Revision: B

WARNING
BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate ONLY and their exact position should be proven on site. No guarantee is given that all existing services are shown.



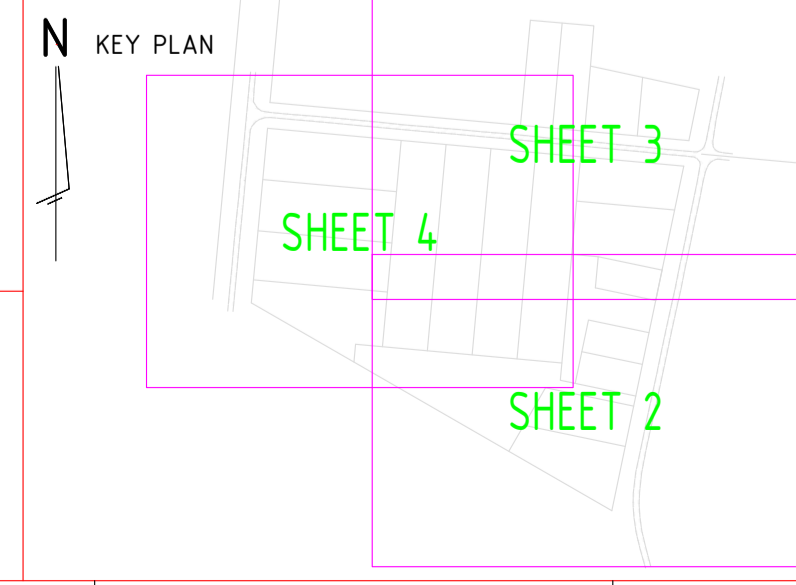
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A	30/03/2020	A.COLUMBINE	CONCEPT DESIGN	D. CRANAGE

APPROVAL RECORD:

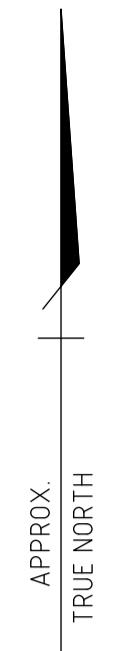
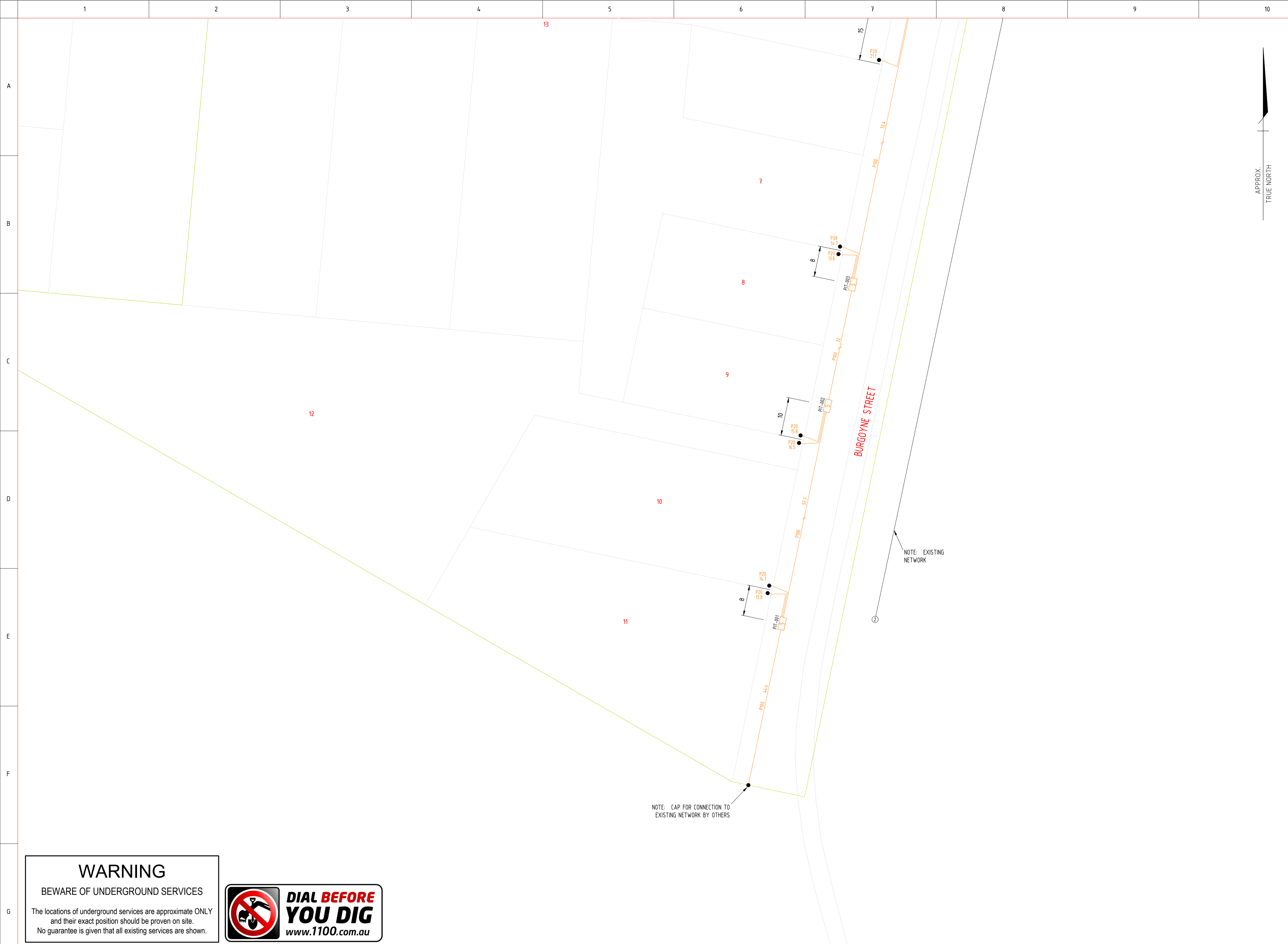
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QUALITY RECORD :



DRAWING TITLE:
COMMUNICATIONS_PIT_&_PIPE_DESIGN
BURGUYNE_STREET_STAGE_1
223_BURGUYNE_STREET_HUNTLY

STATE: VIC REGION: _____
 FSA: _____ FSAM: _____ FDA: _____
 PROJECT No: -
 CADREF No: 18016
 SCALE: NTS SHEET No. 1 OF 4 REV. B

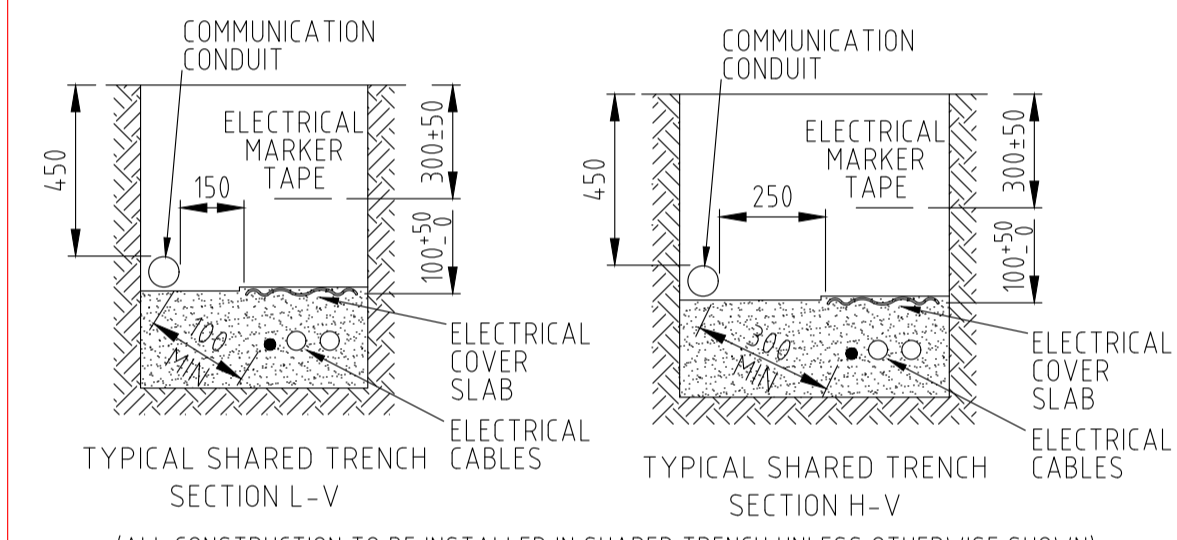


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ROAD CROSSING	800mm to 1200mm (TYP.)



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SEWER - MAIN - CONNECTION PIPE	300mm 150mm
OTHER TELECOMMUNICATIONS	100mm*1

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 Transformer / Kiosk / Pad Mount Sub-station / Pole Mount Transformer
CONDUIT SIZE PIT-ID P100 265 PIT-ID 5
CONDUIT LENTH

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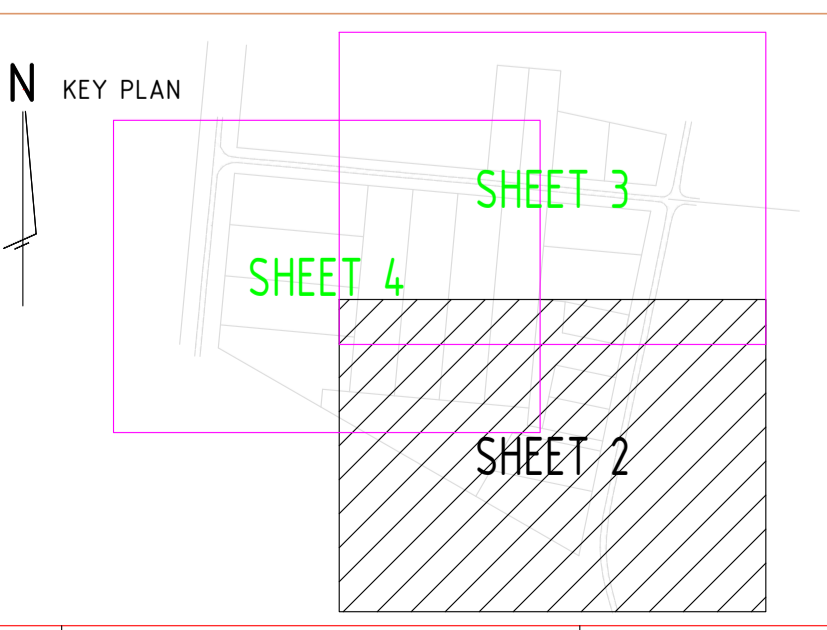
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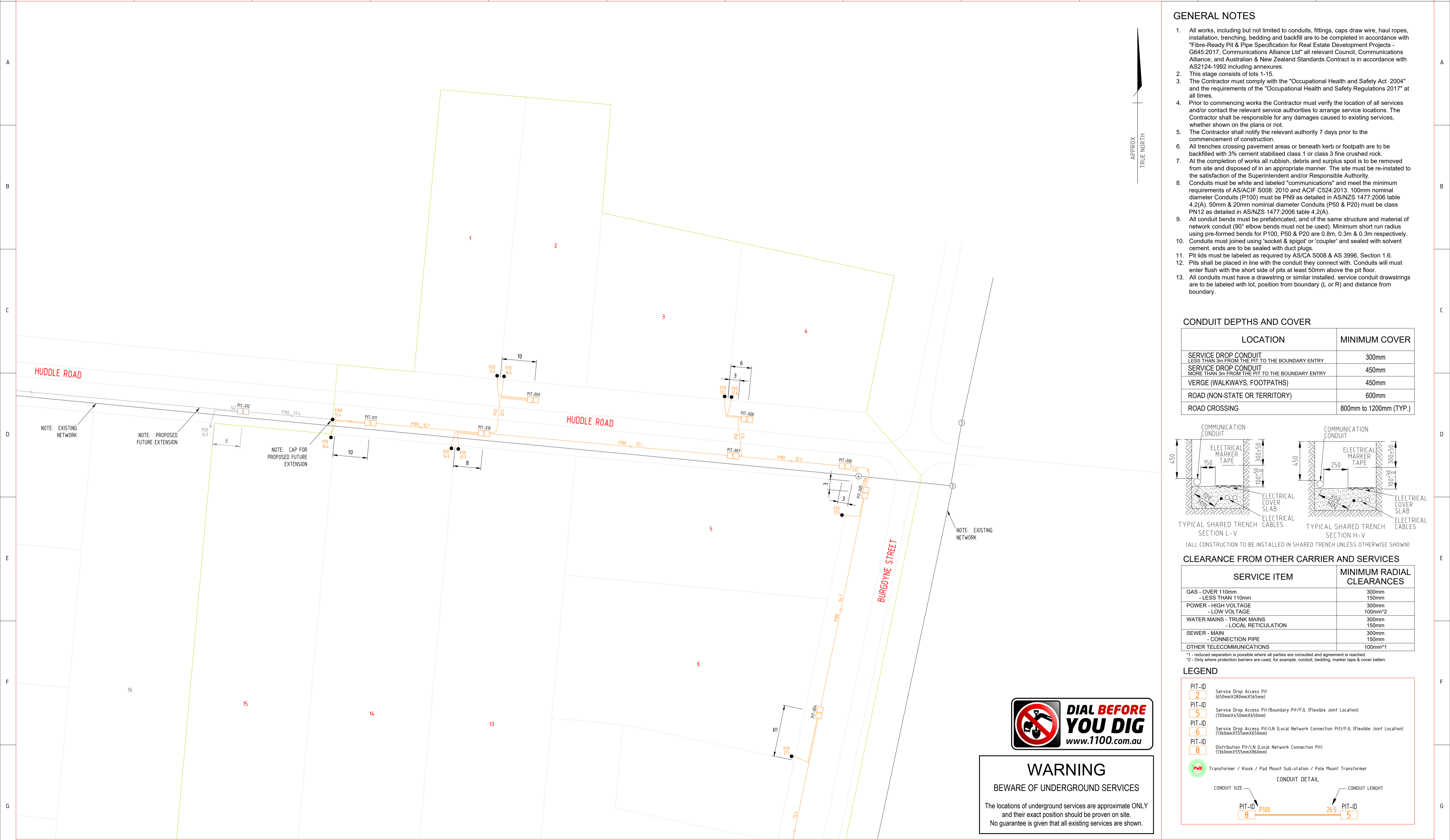
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QUALITY RECORD :



DRAWING TITLE:
COMMUNICATIONS_PIT_&_PIPE_DESIGN
BURGOYNE_STREET_STAGE_1
223_BURGOYNE_STREET_HUNTLY

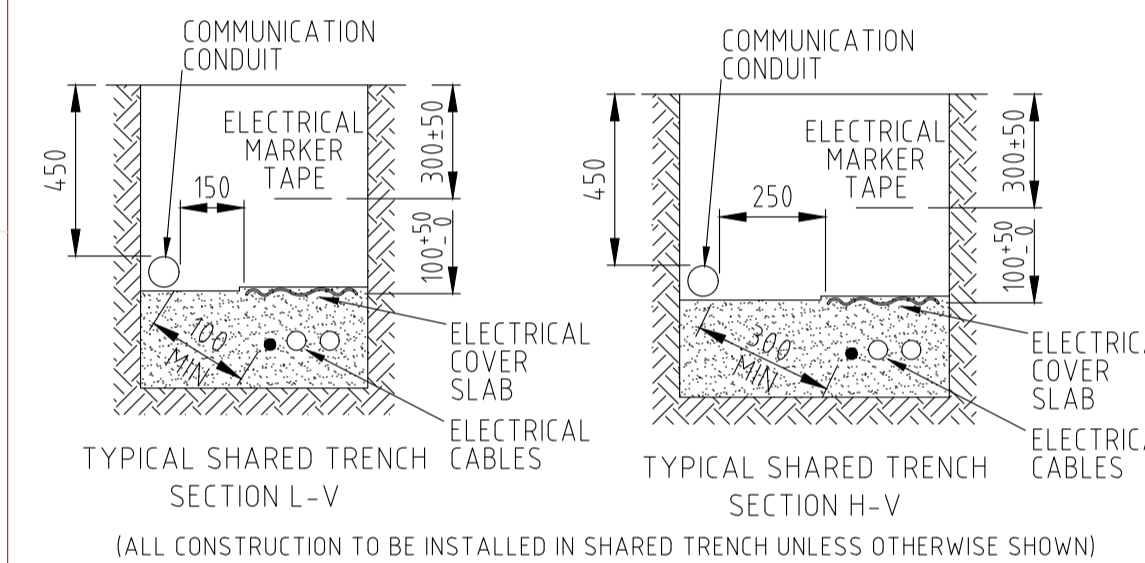
STATE: VIC REGION: _____
 FSA: _____ FSAM: _____ FDA: _____
 PROJECT No: -
 CADREF No: 18016
 SCALE: NTS SHEET No. 2 OF 4 REV. B



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CONDUIT DETAIL

CONDUIT SIZE: PIT-ID P100 265
CONDUIT LENGTH: PIT-ID 5



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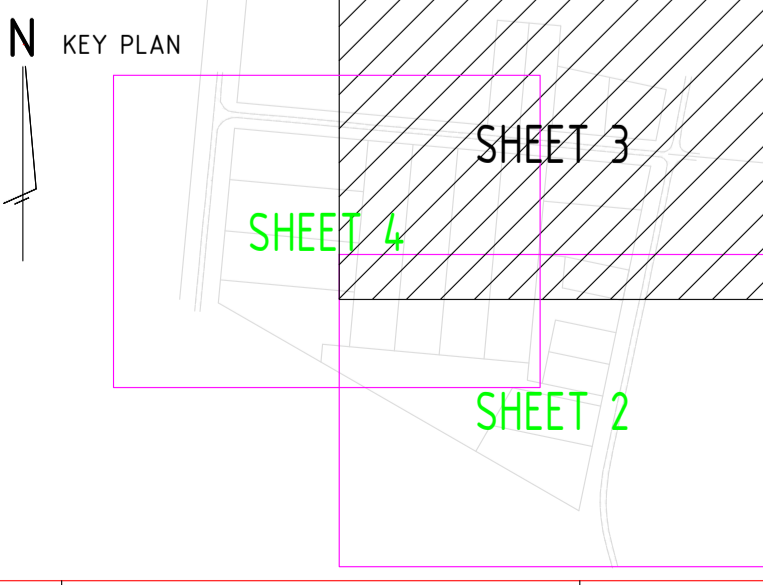
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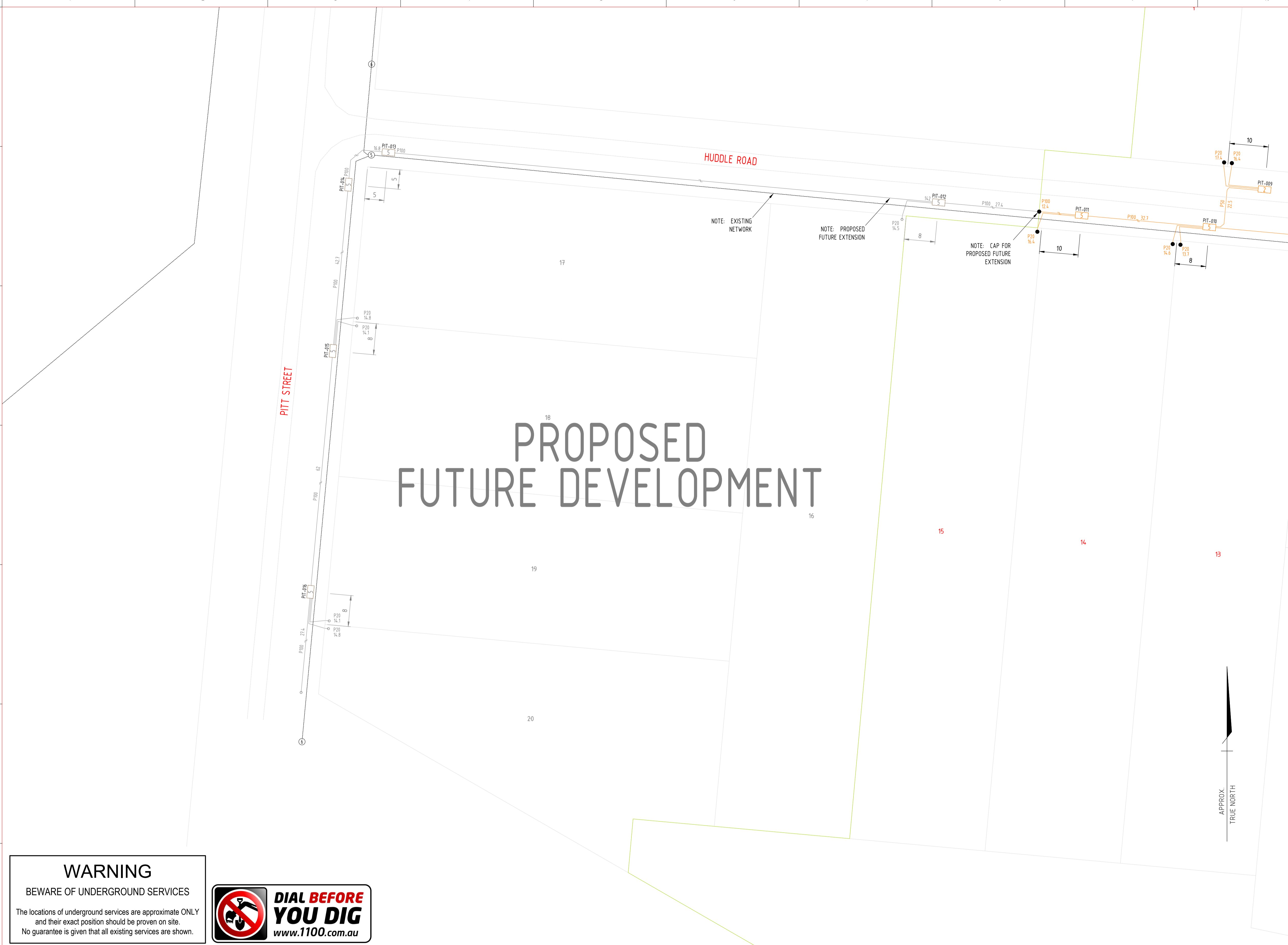
QUALITY RECORD :



DRAWING TITLE:

COMMUNICATIONS_PIT & PIPE DESIGN
BURGOYNE_STREET_STAGE_1
223_BURGOYNE_STREET_HUNTLY

STATE: VIC	REGION:
FSA:	FSAM: FDA:
PROJECT No: -	
CADREF No: 18016	
SCALE: NTS	SHEET No. 3 OF 4 REV. B

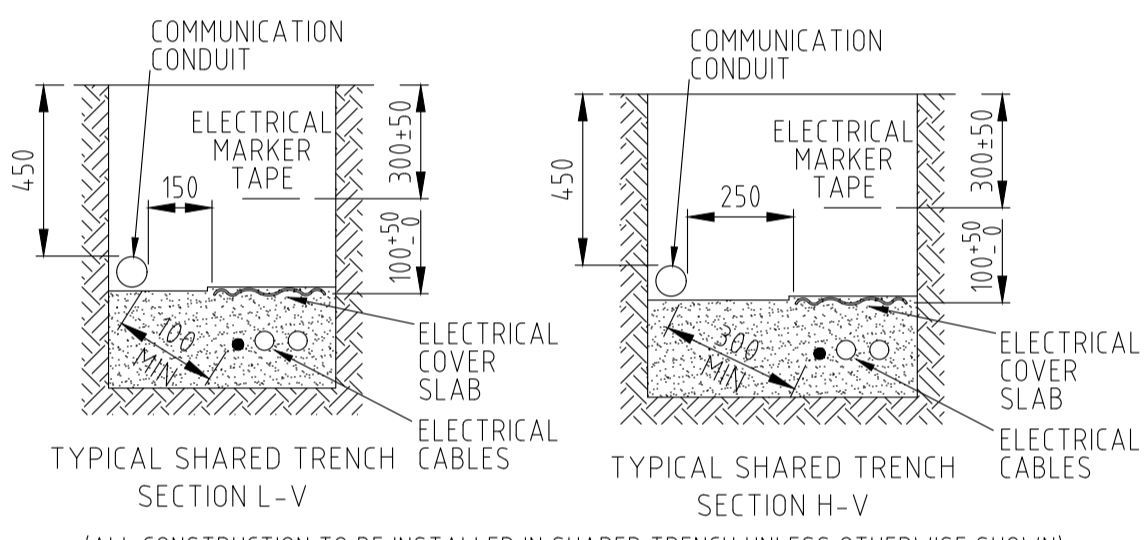


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CONDUIT LENGTH

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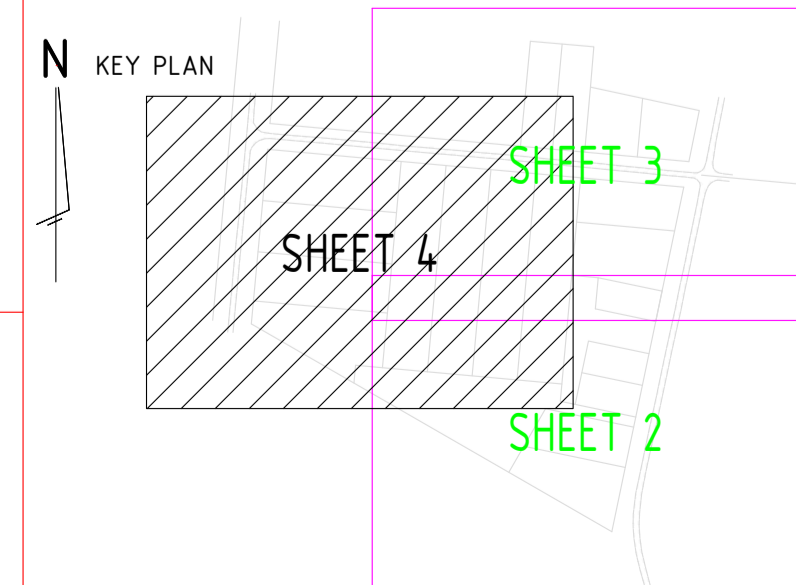
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QUALITY RECORD :



DRAWING TITLE:

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BURGOYNE_STREET_STAGE_1
223_BURGOYNE_STREET_HUNTLY

STATE: VIC	REGION:
FSA:	FSAM: FDA:
PROJECT No: -	
CADREF No: 18016	
SCALE: NTS	SHEET No. 4 OF 4 REV. B

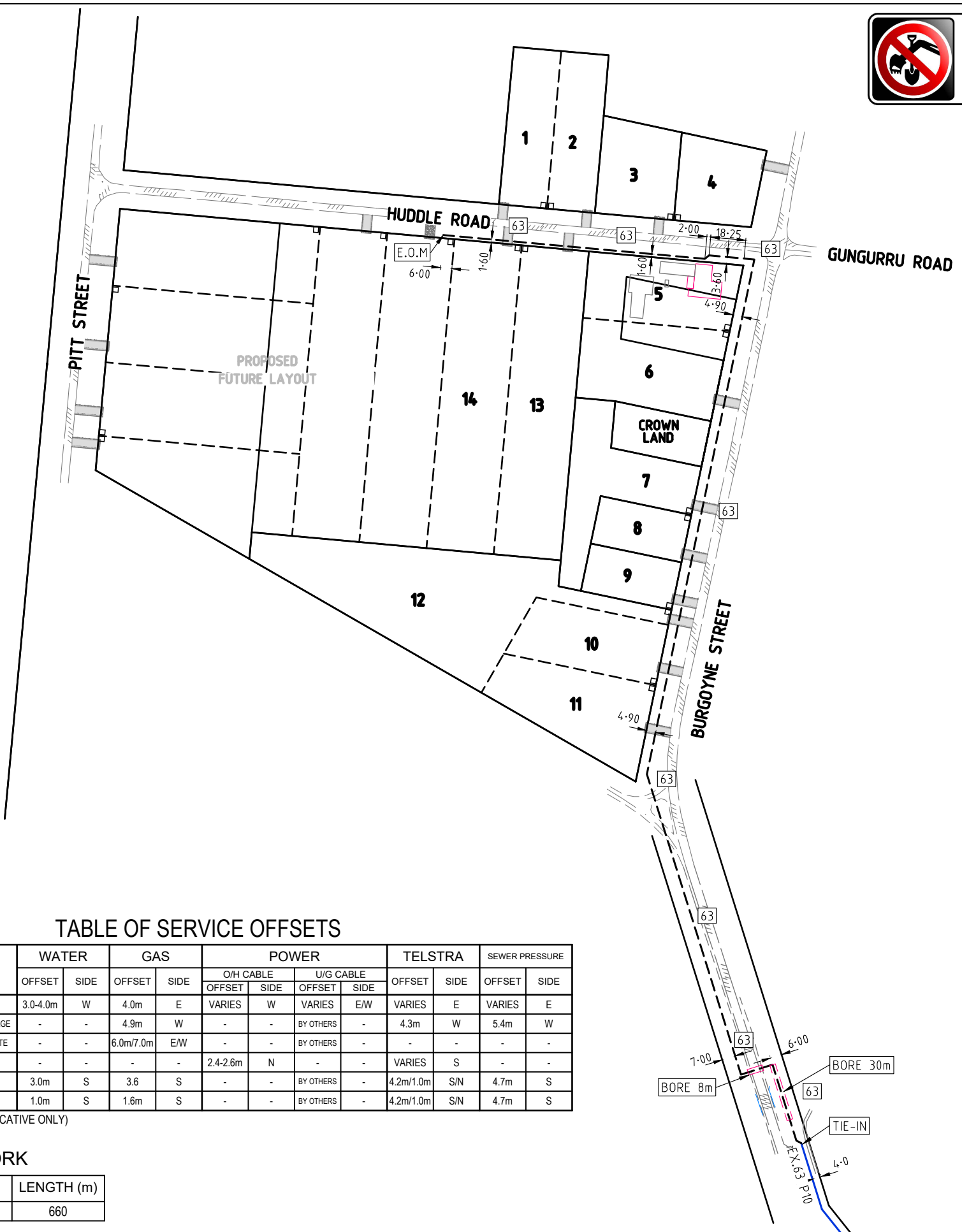


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WARNING
OVERHEAD POWER LINES

Overhead power lines are present in the works area. No works can be undertaken on-site until a visit by a Powercor representative. Permit to Work may be required.



GAS MAIN NOTES

- All works are to be carried out in accordance with AusNet Services' current technical specifications including; SP1600 (Construction of Gas Pipework), SP1601 (Pipe Bedding Material), 2607.1 (Condition for Working Near Gas Infrastructure Mains and Services), 2607.2 (Conditions For Works Near Gas Transmission Pipelines), 2607.3 (Condition for Use of Explosives Near Gas Transmission Pipelines and Mains), The Gas Distribution System Code, 4078 (Easement and Property enquiries from Other Authorities), 4060 (Selection of bedding Material for Pipe System) and 4352 (Gas meter Location Single and Multi-Occupancy Residential Premises).
- Ausnet Services and AusNet Services nominated Gas Contractor must be provided at least 20 business days written notice of the proposed commencement date of construction.
- Prior to commencing works the Contractor must verify the location of all services and/or contact the relevant service authorities to arrange service locations. The Contractor shall be responsible for any damages caused to existing services, whether shown on the plans or not.
- The Contractor is responsible for obtaining a works in road reserve permit with the relevant Council, a copy of the permit is to be provided to the superintendent.
- The Contractor must comply with the "Occupational Health and Safety Act 2004", the requirements of the "Occupational Health and Safety Regulations 2017" and Work Safe Compliance Code for Excavation (Ed. No.1, 2018) at all times.
- All trenches crossing pavement areas and driveways or beneath kerb or footpath are to be backfilled consolidated class 1 or class 3 crushed rock.
- A Minimum of 60 metres of trenching per day must be provided for installation of gas mains by AusNet Services nominated Gas Contractor.
- All pipework to be supplied, joined, purged & tested by AusNet Services nominated Gas Contractor in accordance with relevant AusNet Services Standards, Specifications and Practices.
- Minimum cover to be 0.8m, any variation must be approved by AusNet Services.
- Any mains in a Vicroads Road Reserve have a minimum cover of 1.2m and backfill to Vicroads requirements.
- Approved backfill materials as per AusNet Services requirements and precedures SP1600 & SP1601.
- Provide marker tape and tracer wire in accordance with SP4125 & TS1601.
- Clearance from other authorities assets in accordance with TS 2607.1, 2 & 3.
- At the completion of works all rubbish, debris and surplus spoil is to be removed from site and disposed of in an appropriate manner. The site must be re-instated to the satisfaction of the Superintendent and/or Responsible Authority.

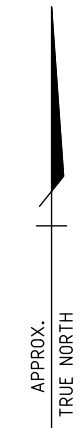
TABLE OF SERVICE OFFSETS

STREET NAME	WATER		GAS		POWER				TELSTRA		SEWER PRESSURE	
	OFFSET	SIDE	OFFSET	SIDE	O/H CABLE		U/G CABLE		OFFSET	SIDE	OFFSET	SIDE
					OFFSET	SIDE	OFFSET	SIDE				
BURGOYNE STREET (EXISTING)	3.0-4.0m	W	4.0m	E	VARIES	W	VARIES	E/W	VARIES	E	VARIES	E
BURGOYNE STREET (PROPOSED) SITE FRONTAGE	-	-	4.9m	W	-	-	BY OTHERS	-	4.3m	W	5.4m	W
BURGOYNE STREET (PROPOSED) SOUTH OF SITE	-	-	6.0m/7.0m	E/W	-	-	BY OTHERS	-	-	-	-	-
HUDDLE ROAD (EXISTING)	-	-	-	-	2.4-2.6m	N	-	-	VARIES	S	-	-
HUDDLE ROAD (PROPOSED 1)	3.0m	S	3.6	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S
HUDDLE ROAD (PROPOSED 2)	1.0m	S	1.6m	S	-	-	BY OTHERS	-	4.2m/1.0m	S/N	4.7m	S

(EXISTING SERVICE OFFSETS INDICATIVE ONLY)

TOTAL WORK

SIZE	TYPE	LENGTH (m)
63mm	P10 HP	660



--- PROPOSED GAS MAIN
— EXISTING GAS MAIN

GENERAL NOTES AND LEGEND



DESIGNED A. Columbine 18/06/2020	DRAWN A. Columbine 18/06/2020	CHECKED D. Cranage 18/06/2020	SCALE HOR - 1:2500 VER - 1:2500 HOR -25 -12.5 0 25 50 VER -25 -12.5 0 25 50 ORIGINAL SHEET SIZE A3 LENGTHS ARE IN METRES - LEVELS ARE TO AHD
APPROVED DAMIEN CRANAGE NER - 5299013			
TOTAL PROPERTY DEVELOPMENTS (VIC) PTY LTD (ABN 73 136 905 041) - © COPYRIGHT All Correspondence to PO Box 1278, Bendigo, Victoria, 3552 - 444 Hargreaves Street, Bendigo, Vic, 3550 T: (03) 5443 7977 F: (02) 8282 4755 E: damien@totalpd.com.au			

BURGOYNE PROJECTS PTY LTD BURGOYNE STREET - STAGE 1 223 BURGOYNE STREET, HUNTLY GAS MAINS EXTENSION PLAN			FILE REF: 18016 DRAW REF: GM01 REVISION A
COUNCIL CITY OF GREATER BENDIGO (REFER OVERALL LAYOUT PLAN)	WATER AUTHORITY COLIBAN WATER REF: ME 20550	GAS AUTHORITY AUSNET SERVICES Contract No: 75064396	SHEET 1 OF 1

REV	AUSNET SERVICES ISSUE - APPLICANT DESIGN	DATE	APP'D
A		18/06/2020	18/06/2020