

FLORIAN - STAGE 8, BONSHAW

VICROADS MAP No. 571 R4



LOCALITY PLAN
NTS

DRAWING LIST

ROAD & DRAINAGE FUNCTIONAL LAYOUT PLANS

802RD-08-01	LOCALITY PLAN & GENERAL NOTES
802RD-08-02	GENERAL ARRANGEMENT
802RD-08-03	EARTHWORKS LAYOUT PLAN
802RD-08-03	ROAD & DRAINAGE LAYOUT PLAN
802RD-08-05	STANDARD DETAILS
802RD-08-06	FABIENNE WAY LONGITUDINAL SECTION
802RD-08-07	CLARETTE DRIVE LONGITUDINAL SECTION
802RD-08-08	FABIENNE WAY CROSS SECTIONS
802RD-08-09	CLARETTE DRIVE CROSS SECTIONS
802RD-08-10	DRAINAGE LONGITUDINAL SECTIONS
802RD-08-11	DRAINAGE PIT SCHEDULE AND HYDRAULIC INFOMRATION
802RD-08-12	DRAINAGE CATCHMENT PLAN
802RD-08-13	SERVICES & CONDUIT PLAN

GENERAL NOTES

- ALL LEVELS ARE TO A.H.D. AND ARE REFERENCED TO THE T.B.M. INDICATED
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS APPROVED BY CITY OF BALLARAT.
- THE CONTRACTOR SHALL NOTIFY THE RELEVANT AUTHORITY 7 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OF THE RELEVANT WORKS.
- THE CONSULTANT HAS MADE EVERY REASONABLE ATTEMPT TO LOCATE EXISTING SERVICES AND HAS SHOWN THESE ON THE DRAWINGS. PRIOR TO COMMENCING WORKS THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES BY SITE SURVEY (INSPECTION AND CONSULTATION WITH ALL RELEVANT SERVICING AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES, WHETHER SHOWN OR NOT.
- THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT OH&S REGULATIONS.
- TWENTY-FOUR (24) HOURS NOTIFICATION TO INSPECTORS OF RELEVANT AUTHORITY IS REQUIRED PRIOR TO AN INSPECTION BEING CONDUCTED ON ANY PARTICULAR PORTION OF THE WORKS.
- THE CONTRACTOR SHALL TAKE THE UTMOST CARE TO PRESERVE EXISTING TREES. NO TREES SHALL BE REMOVED WITHOUT THE PRIOR APPROVAL OF THE SUPERINTENDENT.
- ALL FILLING SHALL BE APPROVED MATERIAL COMPACTED IN 150mm MAXIMUM DEPTH LAYERS TO A DRY DENSITY OF NO LESS THAN 95% OF THE MAXIMUM DRY DENSITY OBTAINED FROM THE STANDARD COMPACTION TEST ALL FILLING IS TO COMPLY WITH AS3798 /2007, LEVEL 1. ONE SOIL DENSITY TEST PER LOT IS REQUIRED.
- THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO THE ALLOTMENTS MUST BE MADE GOOD.
- TITLE PEGS AND T.B.M.'s TO BE RE-ESTABLISHED BY A LICENCED SURVEYOR IF FOUND TO BE MISSING.
- DISPOSAL OF EXCESS SPOIL, TRUCK ROUTE AND DISPOSAL LOCATION ARE TO BE APPROVED BY THE MUNICIPAL ENGINEERING DEPARTMENT.
- AT THE COMPLETION OF WORKS ALL RUBBISH, DEBRIS AND SURPLUS SPOIL IS TO BE REMOVED AND ALL LOTS AND ROAD RESERVE TO BE LEFT IN A TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT

STORMWATER DRAINAGE AND CONDUIT NOTES

- ALL STORMWATER AND CONDUIT TRENCHES UNDER ROAD PAVEMENT AND/OR KERB AND CHANNEL AND/OR FOOTPATH SHALL BE BACKFILLED WITH CLASS 3 CRUSHED ROCK AS SPECIFIED
- STORMWATER DRAINS SHALL BE R.C.P. CLASS 2 RRJ UNLESS OTHERWISE SHOWN.
- ALL CONDUIT LOCATIONS ARE TO BE MARKED ON FACE OF KERB AND CHANNEL WITH APPROPRIATE MARKING TOOLS.
- ALL CONCRETE IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa AT 28 DAYS
- ALL GRATES ARE TO BE HOT DIPPED GALVANISED
- AGI DRAINS BEHIND ALL KERB & CHANNEL

INSPECTIONS

THE FOLLOWING REPRESENTS THE MINIMUM NUMBER OF INSPECTIONS AND ARE CONSIDERED HOLD POINTS:

- PRE-START FOR CIVIL WORKS. PRE-START FOR LANDSCAPING WORKS.
- PRIOR TO COVERS BEING PLACED IN PITS.
- PRIOR TO PLACEMENT OF KERB AND CHANNEL.
- PRIOR TO POURING FOOTPATH (EXCLUDING CITY OF GREATER BENDIGO, WELLINGTON SHIRE, CENTRAL GOLDFIELDS SHIRE, BAW BAW SHIRE, MOIRA SHIRE AND PYRENEES SHIRE COUNCIL. SEE WITNESS POINTS BELOW).
- AT PROOF-ROLLING OF SUB-GRADE. PRIOR TO PLACEMENT OF EACH PAVEMENT COURSE. PRIOR TO PLACEMENT OF THE PRIMER COAT.
- PRIOR TO THE PLACEMENT OF FIRST ASPHALT COURSE OR SEALING.
- PRIOR TO POURING CONCRETE ON REINFORCED CONCRETE STRUCTURES.
- PRIOR TO PLACEMENT OF GPT's, LITTER TRAPS, PRECAST PUMPSTATIONS.
- PRIOR TO PLANTING OUT WETLANDS.
- PRIOR TO REMOVAL OF NATIVE VEGETATION AND OTHER EXISTING VEGETATION.
- PRIOR TO PLANTING (LANDSCAPING).

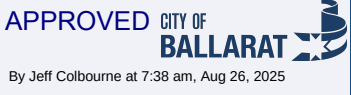
THE FOLLOWING ARE WITNESS POINTS (COUNCIL ARE MADE AWARE OF THE WORKS BUT WORKS ARE NOT HELD UP AWAITING INSPECTION).

- PRIOR TO BACKFILLING STORMWATER DRAINS.
- PRIOR TO BACKFILLING SUBSOIL DRAINS.
- PRIOR TO POURING FOOTPATH (FOR GREATER BENDIGO CITY COUNCIL, WELLINGTON SHIRE, CENTRAL GOLDFIELDS SHIRE, MOIRA SHIRE AND PYRENEES SHIRE COUNCIL ONLY).

SERVICES	AUTHORITY & CONTACT	TELEPHONE
DRAINAGE	CITY OF BALLARAT	5320 5143
ELECTRICITY	POWERCOR	132 206
GAS	AUSNET	1800 088 208
TELECOMMUNICATIONS	TELSTRA	1800 653 935
TELECOMMUNICATIONS	NBN	1800 626 762
SEWER & WATER	CENTRAL HIGHLANDS WATER	1800 061 514

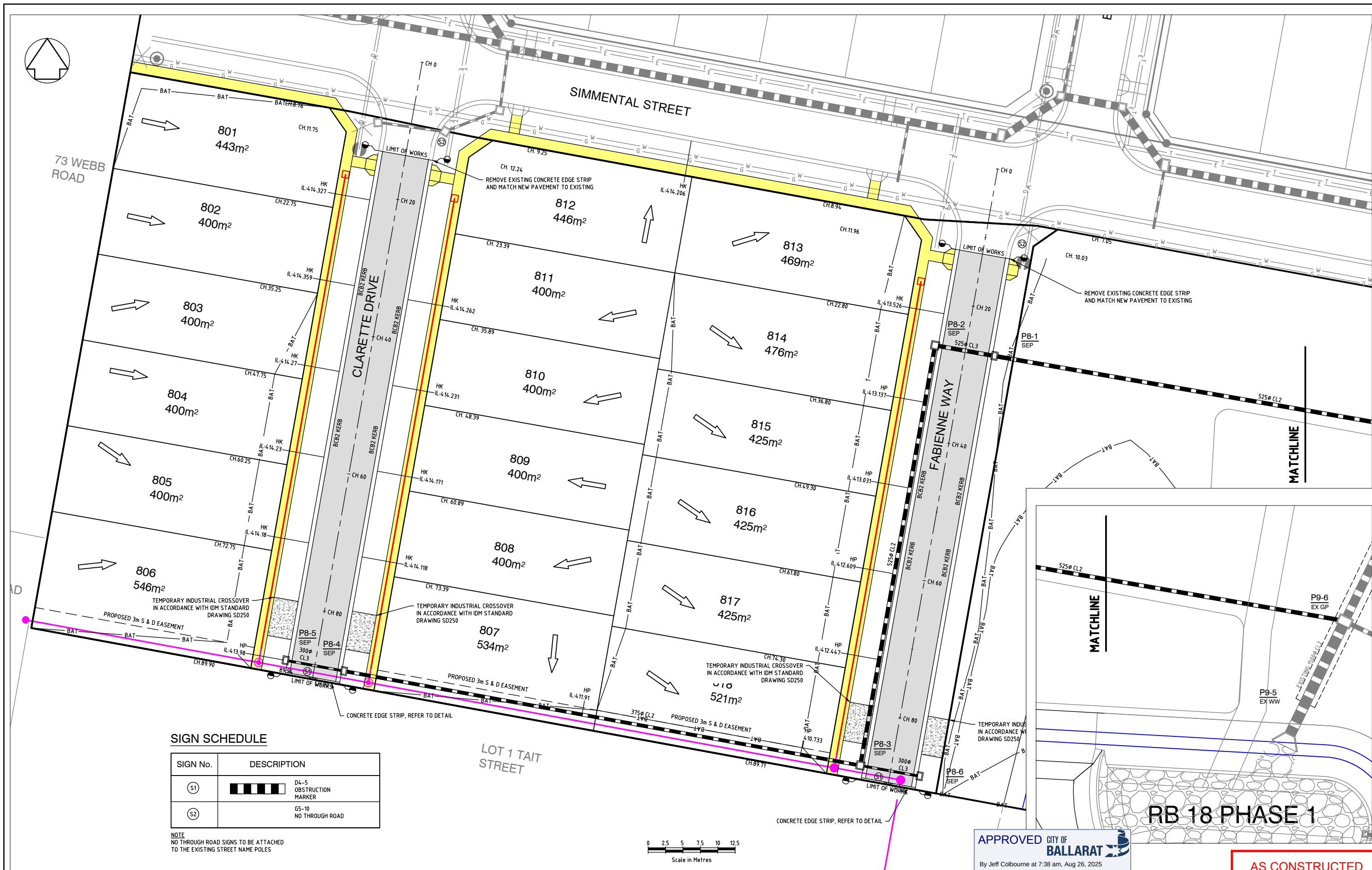
TABLE OF PROPOSED OFFSETS FOR SERVICES

STREET	GAS		WATER		ELEC		TELECOMMUNICATIONS		SEWER				LIGHTING				TREES			
	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE
CLARETTE DRIVE	1.80m	WEST	2.30m	WEST	3.20m	EAST	2.70m	EAST	1.00m	EAST	-	-	4.00m	EAST	4.00m	WEST	4.20m	EAST	4.20m	WEST
FABIENNE WAY	0.60m	EAST	1.00m	EAST	3.10m	WEST	1.90m	WEST	1.00m	WEST	-	-	4.00m	EAST	4.00m	WEST	4.20m	EAST	4.20m	WEST



AS CONSTRUCTED

ISSUE		DESCRIPTION	DATE	LEGEND		DESIGNED: A MURPHY		SCALE: N/A	 AXIOM CONSULTING ENGINEERS	PROJECT:	CCIVIL REF. No.:	802RD-08-01	SHEET:	1	REV:	4
A		ISSUED FOR APPROVAL	13/10/20			CHECKED: M PARKER		SHEET SIZE: A1		LOT 32 TAIT STREET FLORIAN STAGE 8	DRAWING TITLE:					
B		ISSUED FOR APPROVAL WITH COUNCIL COMMENTS	02/12/2020			AUTHORISED: C COUGHLAN		DATE: 6/09/24				LOCALITY PLAN & GENERAL NOTES				
C		ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24													
1		ISSUED FOR CONSTRUCTION	11/11/24													
2		NBN OFFSET UPDATED	31/01/25													
3		IFC. FABIENNE WAY ROAD LEVELS UPDATED	21/02/25													
4		"AS-CONSTRUCTED"	08/07/25													



SIGN SCHEDULE

SIGN No.	DESCRIPTION
(S1)	D4-S OBSTRUCTION MARKER
(S2)	G5-10 NO THROUGH ROAD

NOTE
NO THROUGH ROAD SIGNS TO BE ATTACHED TO THE EXISTING STREET NAME POLES

ISSUE	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	13/10/20
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C	ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24
1	ISSUED FOR CONSTRUCTION	11/11/24
2	NBN OFFSET UPDATED	31/01/25
3	IFC, FABIANNE WAY ROAD LEVELS UPDATED	21/02/25
4	"AS-CONSTRUCTED"	08/07/25

LEGEND	
	LOT CUT (LOT GREATER THAN 200mm DEEP)
	LOT FILL (LOT GREATER THAN 200mm DEEP)
	BATTERS
	PROPOSED EASEMENTS
	EXISTING STORMWATER DRAINAGE
	PROPOSED STORMWATER DRAINAGE
	PROPOSED SEWER
	EXISTING SEWER
	FS:142.05
	ES:141.87
	PROPOSED ROAD
	PROPOSED FOOTPATH
	CULTURALLY SENSITIVE AREA
	PROPOSED INDUSTRIAL CROSSOVER



DESIGNED: A MURPHY	SCALE: 1:250
CHECKED: M PARKER	SHEET SIZE: A1
AUTHORISED: C COUGHLAN	DATE: 6/09/24

AXIOM
CONSULTING
ENGINEERS

ACN 100 526 458
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E: admin@axiomce.com.au

P: 03 5331 2688
6 Webster Street,
Ballarat Victoria 3350

PROJECT: LOT 32 TAIT STREET FLORIAN STAGE 8
CLIENT: BONSHAW PROJECTS PTY LTD

CCIVIL REF. No.: 802RD-08-04	SHEET: 4	REV: 4
DRAWING TITLE: ROAD & DRAINAGE LAYOUT PLAN		

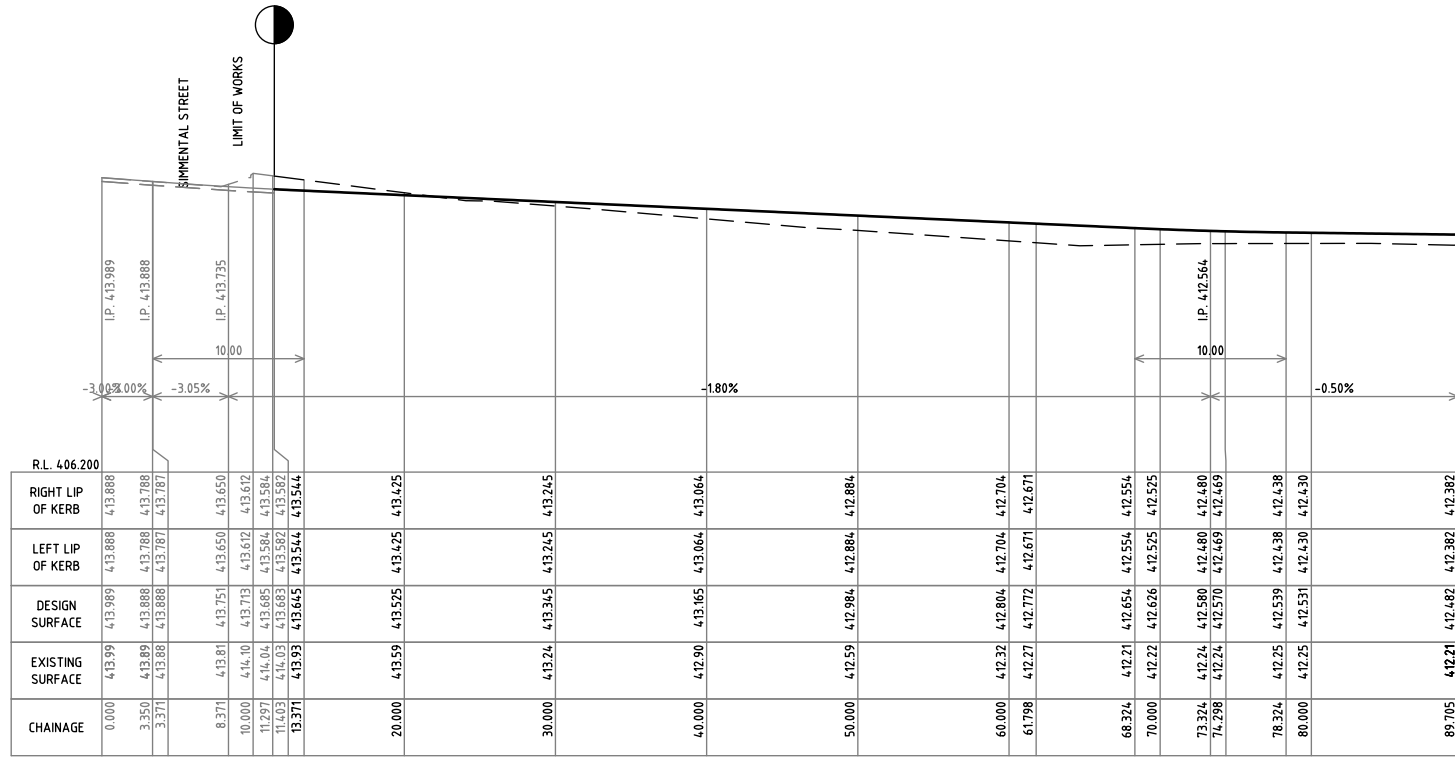
RB 18 PHASE 1

APPROVED CITY OF
BALLARAT

By Jeff Colbourne at 7:38 am, Aug 26, 2025

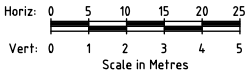
AS CONSTRUCTED

CIVIL REF. No.:	802RD-08-05	SHEET:	5	REV:	4
DRAWING TITLE:					
STANDARD DETAILS					

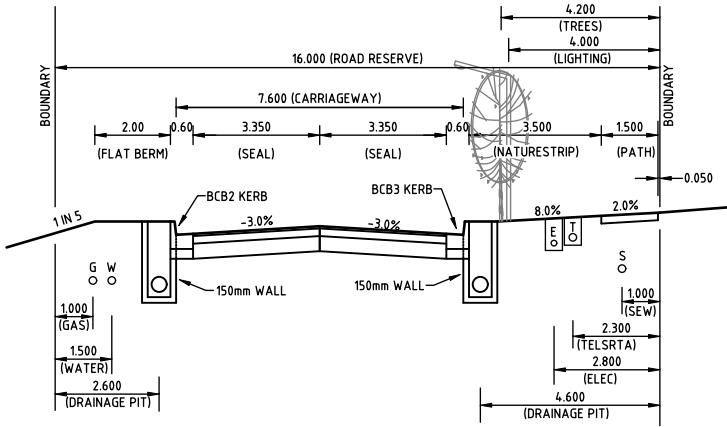


LONGITUDINAL SECTION

SCALE: H 1:880, V 1:100



CL SETOUT FABIENNE WAY			
POINT NO.	EASTING	NORTHING	DESIGN LEVEL
0.000	748632.639	5835221.401	413.986
10.000	748630.886	5835211.555	413.712
11.403	748630.640	5835210.174	413.682
20.000	748629.133	5835201.710	413.525
30.000	748627.380	5835191.865	413.345
40.000	748625.627	5835182.020	413.165
50.000	748623.874	5835172.175	412.985
60.000	748622.121	5835162.330	412.804
70.000	748620.368	5835152.485	412.626
80.000	748618.615	5835142.639	412.531
89.705	748616.914	5835133.084	412.482



TYPICAL 16.0m ROAD RESERVE - FABIENNE WAY

SCALE: NTS

APPROVED CITY OF BALLARAT
By Jeff Colbourne at 7:38 am, Aug 26, 2025

AS CONSTRUCTED

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A	ISSUED FOR APPROVAL	13/10/20
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C	ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24
1	ISSUED FOR CONSTRUCTION	11/11/24
2	NBN OFFSET UPDATED	31/01/25
3	IFC. FABIENNE WAY ROAD LEVELS UPDATED	21/02/25
4	"AS-CONSTRUCTED"	08/07/25

LEGEND	
	DESIGN SURFACE (CENTRELINE)
	EXISTING SURFACE
	RIGHT LIP OF KERB
	LEFT LIP OF KERB



DESIGNED: A MURPHY	SCALE: AS SHOWN
CHECKED: M PARKER	SHEET SIZE: A1
AUTHORISED: C COUGHLAN	DATE: 6/09/24

AXIOM CONSULTING ENGINEERS

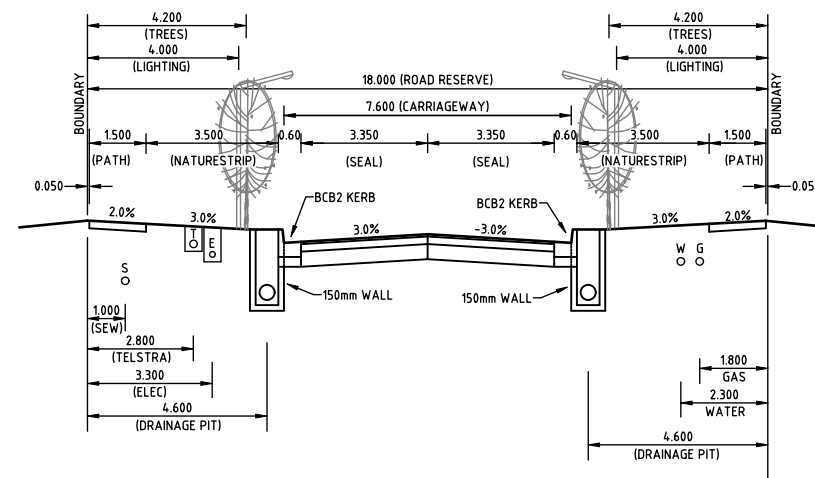
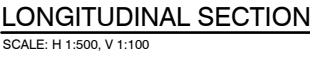
ACN 100 526 458
W: axiomce.com.au
E: admin@axiomce.com.au

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6 Webster Street,
Ballarat Victoria 3350

PROJECT:
**LOT 32 TAIT STREET
FLORIAN STAGE 8**

CLIENT:
BONSHAW PROJECTS PTY LTD

CCIVIL REF. No.: 802RD-08-06	SHEET: 6	REV: 4
DRAWING TITLE: FABIENNE WAY LONGITUDINAL SECTION		



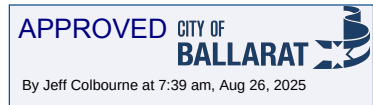
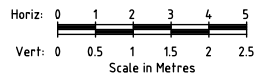
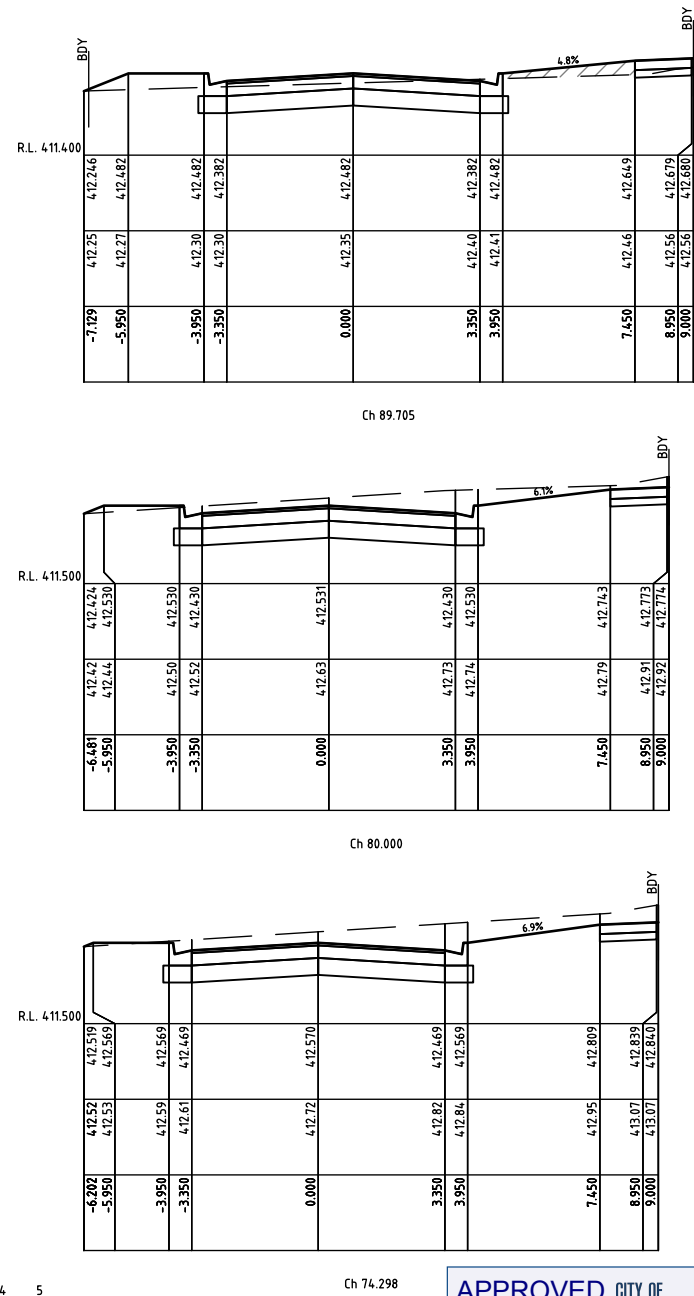
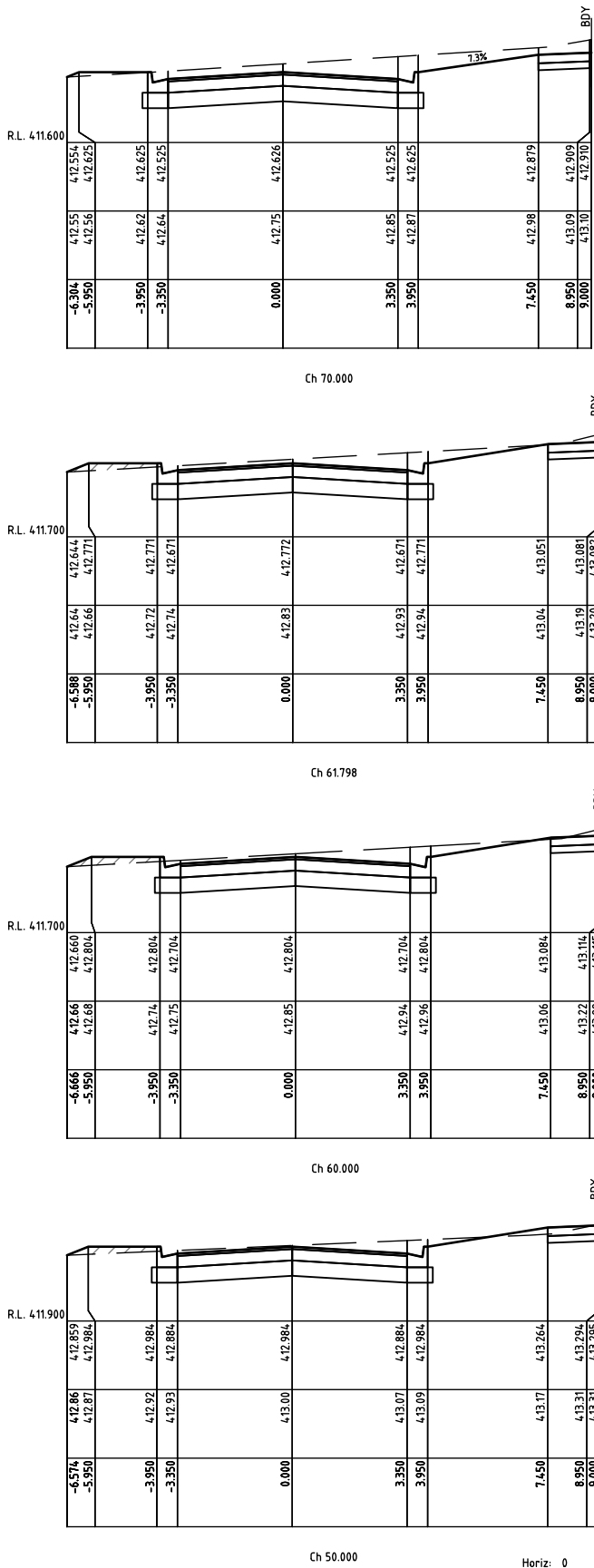
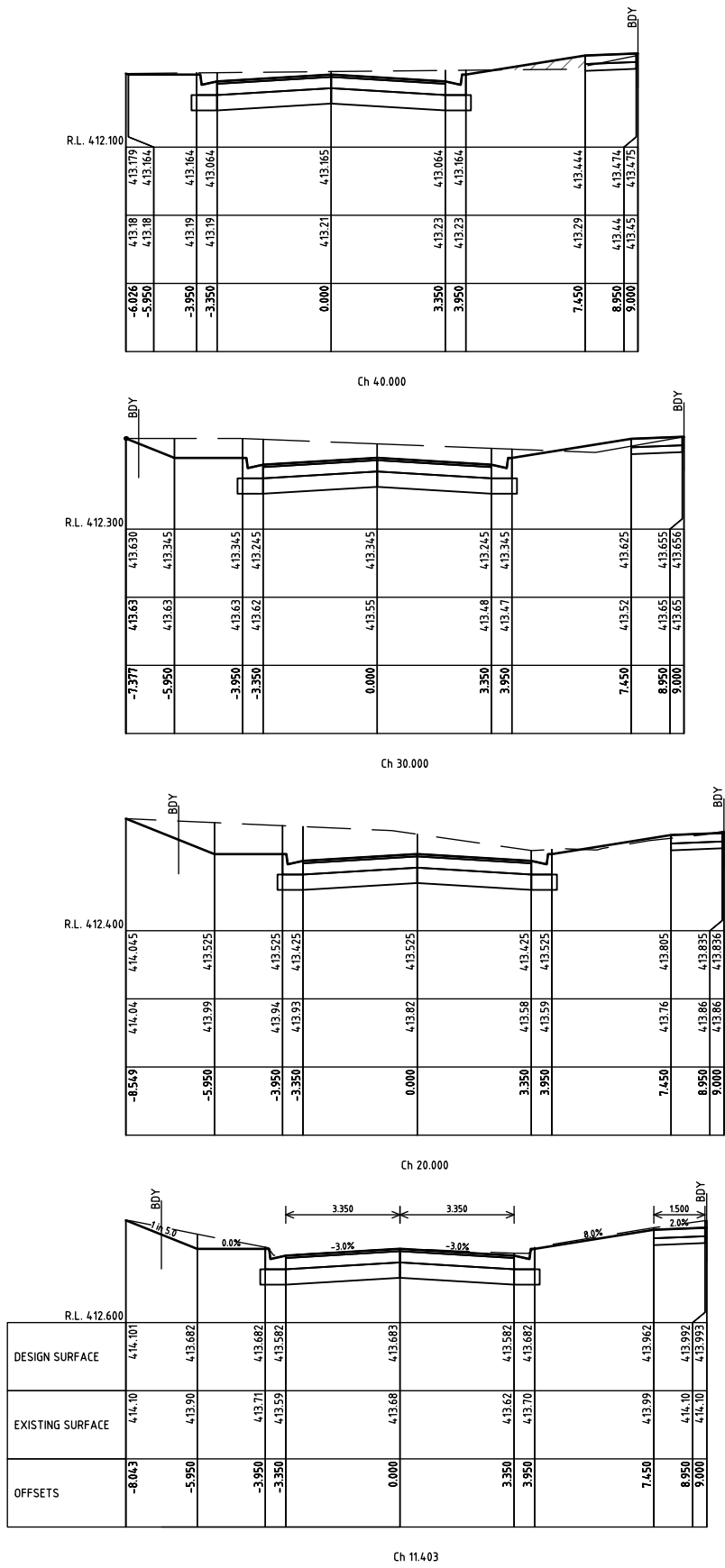
TYPICAL 18.0m ROAD RESERVE - CLARETTE DRIVE
SCALE: NTS

CL SETOUT CLARETTE DRIVE			
POINT NO.	EASTING	NORTHING	DESIGN LEVEL
0.000	74.8550.04.3	5835236.705	4.74.006
10.000	74.8548.290	5835226.860	4.74.250
11.588	74.8548.012	5835225.297	4.74.271
20.000	74.8546.537	5835217.015	4.74.428
30.000	74.8544.784	5835207.170	4.74.399
40.000	74.8543.031	5835197.325	4.74.349
50.000	74.8541.278	5835187.479	4.74.299
60.000	74.8539.525	5835177.634	4.74.249
70.000	74.8537.772	5835167.789	4.74.249
80.000	74.8536.019	5835157.944	4.74.148
89.941	74.8534.276	5835148.157	4.74.099

APPROVED CITY OF
BALLARAT 

By Jeff Colbourne at 7:39 am, Aug 26, 2025

ISSUE	DESCRIPTION	DATE	LEGEND				DESIGNED: A MURPHY		SCALE: AS SHOWN		 AXIOM CONSULTING ENGINEERS ACN 100 526 458 W: axiomce.com.au E: admin@axiomce.com.au P: 03 5331 2688 6 Webster Street, Ballarat Victoria 3350	PROJECT:	LOT 32 TAIT STREET FLORIAN STAGE 8		CCVIL REF. No.:	802RD-08-07	SHEET:	7	REV:	4
A	ISSUED FOR APPROVAL	13/10/20	 DESIGN SURFACE (CENTRELINE) EXISTING SURFACE RIGHT LIP OF KERB LEFT LIP OF KERB	 Quality Certified Company ISO9001:2008 REGISTRATION No. COU001-CC001	CHECKED: M PARKER	SHEET SIZE: A1	AUTHORISED: C COUGHLAN	DATE: 6/09/24	DRAWING TITLE:											
B	ISSUED FOR APPROVAL WITH COUNCIL COMMENTS	02/12/2020							 AXIOM CONSULTING ENGINEERS	CLIENT:		BONSHAW PROJECTS PTY LTD								
C	ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24								CLARETTE DRIVE LONGITUDINAL SECTION										
1	ISSUED FOR CONSTRUCTION	11/11/24																		
2	NBN OFFSET UPDATED	31/01/25																		
3	I/F. FABIENNE WAY ROAD LEVELS UPDATED	21/02/25																		
4	"AS-CONSTRUCTED"	08/07/25																		



AS CONSTRUCTED

ISSUE	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	13/10/20
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4	"AS-CONSTRUCTED"	08/07/25

LEGEND	
	DESIGN SURFACE
	EXISTING SURFACE
	APPROVED COMPACTED FILL

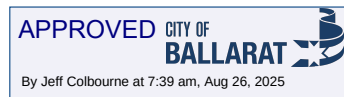
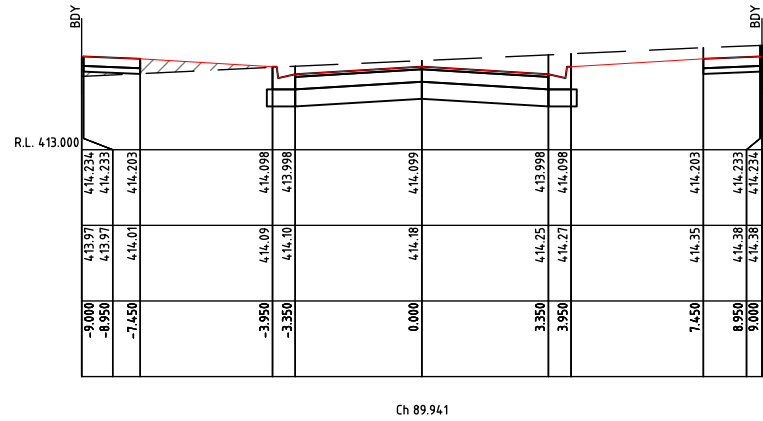
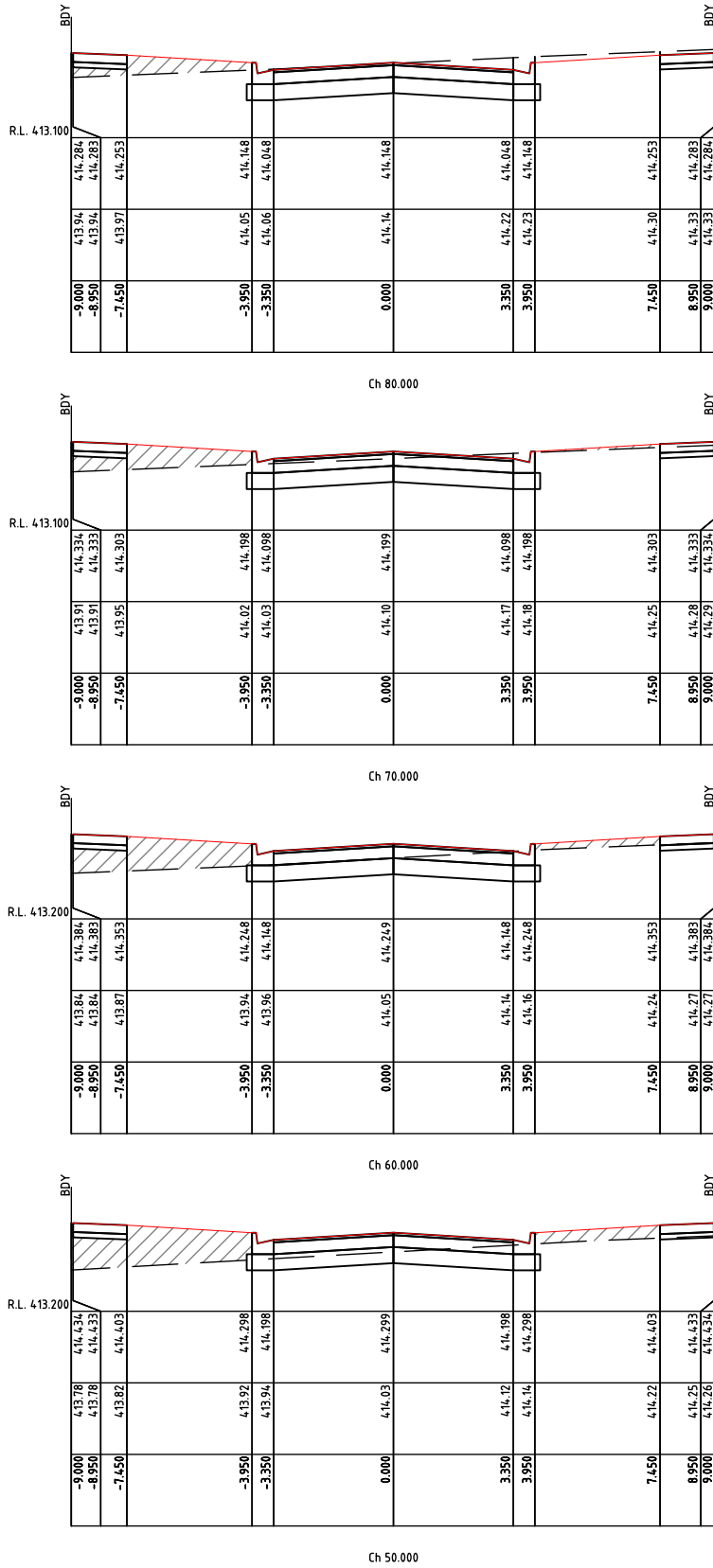
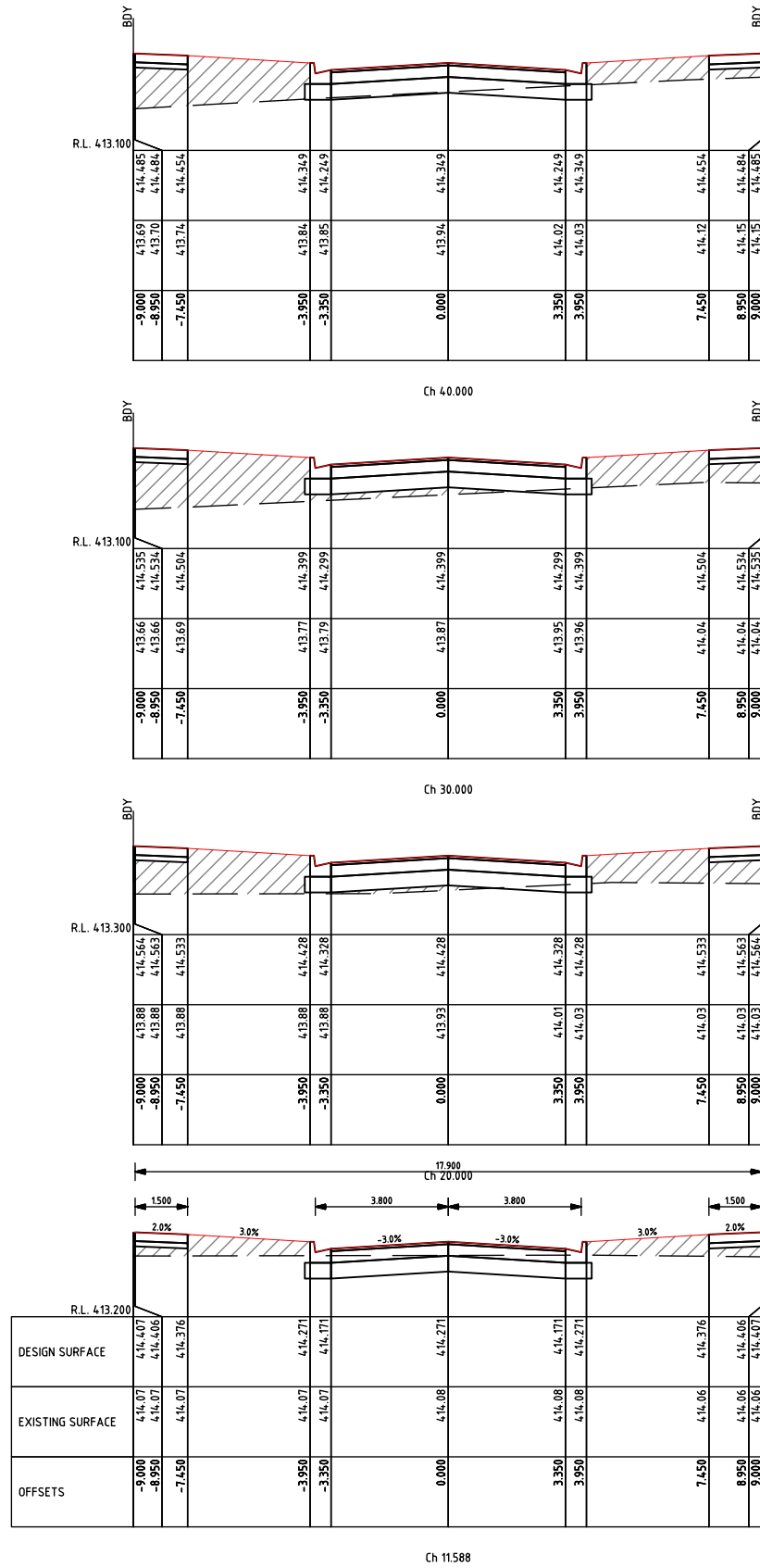


DESIGNED: A MURPHY	SCALE: H 1:100, V 1:50
CHECKED: M PARKER	SHEET SIZE: A1
AUTHORISED: C COUGHLAN	DATE: 6/09/24



PROJECT:	LOT 32 TAIT STREET FLORIAN STAGE 8
CLIENT:	BONSHAW PROJECTS PTY LTD

CCIVIL REF. No:	802RD-08-08	SHEET:	8	REV:	4
DRAWING TITLE:	FABIENNE WAY CROSS SECTIONS				



AS CONSTRUCTED

ISSUE	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	13/10/20
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4	"AS-CONSTRUCTED"	08/07/25

LEGEND	
	DESIGN SURFACE
	EXISTING SURFACE
	APPROVED COMPACTED FILL

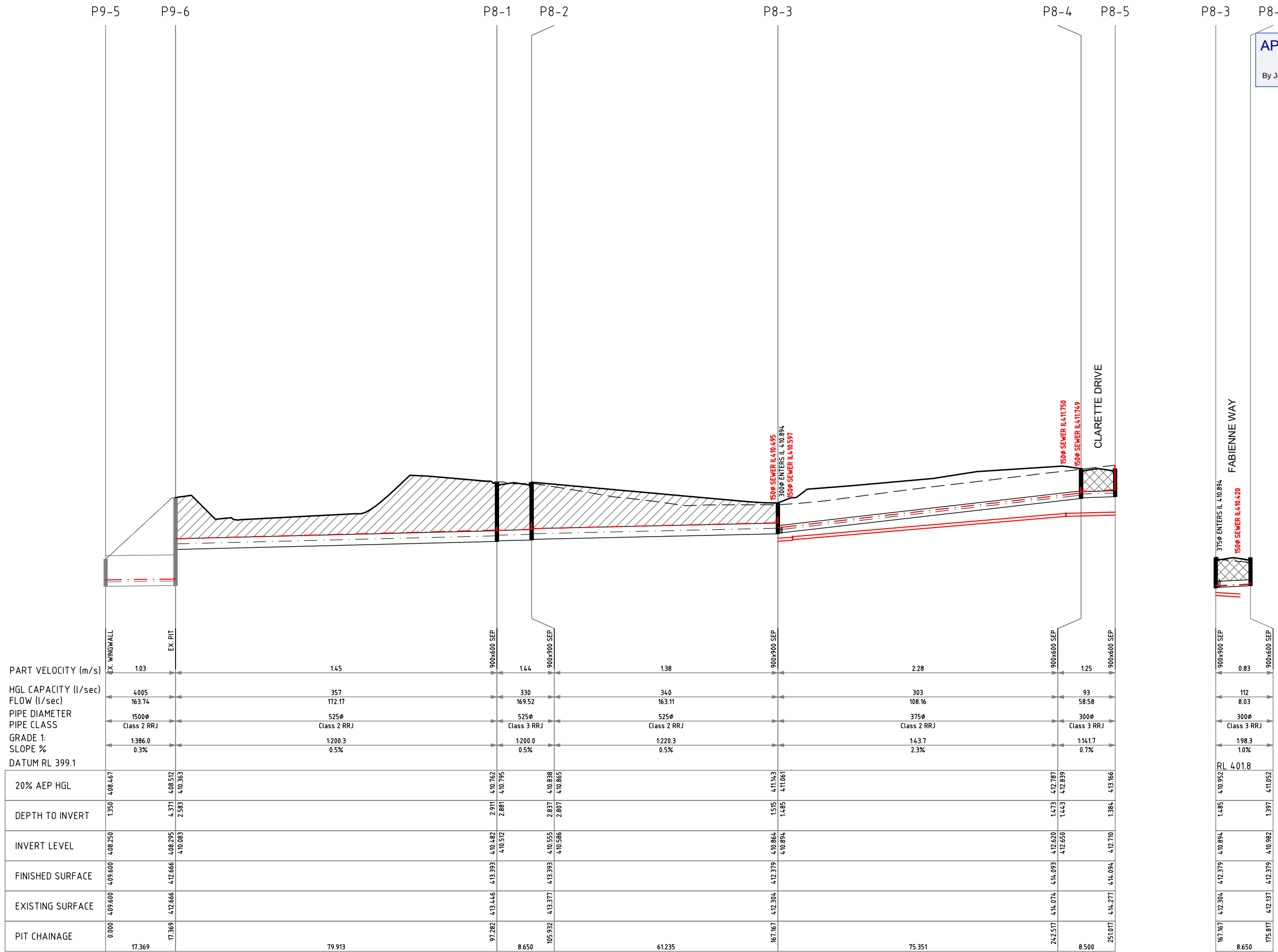


DESIGNED: A MURPHY	SCALE: H 1:100, V 1:50
CHECKED: M PARKER	SHEET SIZE: A1
AUTHORISED: C COUGHLAN	DATE: 6/09/24



PROJECT:	LOT 32 TAIT STREET FLORIAN STAGE 8
CLIENT:	BONSHAW PROJECTS PTY LTD

CCIVIL REF. No:	802RD-08-09	SHEET:	9	REV:	4
DRAWING TITLE:					
CLARETTE DRIVE CROSS SECTIONS					



AS CONSTRUCTED

ISSUE	DESCRIPTION	DATE
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4	"AS-CONSTRUCTED"	08/07/25

LEGEND			
---	EXISTING SURFACE		NATURESTRIP/BEHIND KERB BACKFILL
---	DESIGN SURFACE		UNDER ROAD PAVEMENT BACKFILL
---	HYDRAULIC GRADE LINE 5% AEP		
---	HYDRAULIC GRADE LINE 1% AEP		



DESIGNED:	A MURPHY	SCALE:	H 1:500, V 1:100
CHECKED:	M PARKER	SHEET SIZE:	A1
AUTHORISED:	C COUGHLAN	DATE:	6/09/24

AXIOM CONSULTING ENGINEERS

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Ballarat Victoria 3350

PROJECT:	LOT 32 TAIT STREET FLORIAN STAGE 8
CLIENT:	BONSHAW PROJECTS PTY LTD

CCVIL REF. No:	802RD-08-10	SHEET:	10	REV:	4
DRAWING TITLE:					
DRAINAGE LONGITUDINAL SECTIONS					

Pit Schedule - DRAINAGE													
Pit No.	Pit Type	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level	Road Name	Easting	Northing	Standard Drawing
		(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)		(m)	(m)	
P8-1	Side-Entry Pits	900	600	525	410.482	525	410.512	2.911	413.393	CLARETTE DRIVE	748632.179	5835194.574	SD-P1-1
P8-2	Side-Entry Pits	900	900	525	410.555	525	410.586	2.837	413.393	FABIENCE WAY	748623.663	5835196.088	SD-P1-1
P8-3	Side-Entry Pits	900	900	525	410.864	375	410.894	1.515	412.379	CLARETTE DRIVE	748612.928	5835135.801	SD-P1-1
						300	410.894			FABIENCE WAY			
P8-4	Side-Entry Pits	900	600	375	412.620	300	412.650	1.473	414.093		748538.807	5835149.358	SD-P1-1
P8-5	Side-Entry Pits	900	600	300	412.710			1.384	414.094	FABIENCE WAY	748530.446	5835150.889	SD-P1-1
P8-6	Side-Entry Pits	900	600	300	410.982			1.397	412.379	FABIENCE WAY	748621.441	5835134.267	SD-P1-1
P9-5	EX. Endwall	900	900			1500	408.250	1.350	409.600		748703.230	5835164.570	
P9-6	EX. Grated Pit	900	900	1500	408.295	525	410.083	4.371	412.666		748710.790	5835180.207	

HGL Report - DRAINAGE Return Period: 5yrs Location: Tait Street														
Pipe Connecting Pits (Downstream Upstream)	Pipe Class	Pipe Diameter	Pipe Mannings n	Pipe Flow Time	Pipe Design Tc	Pipe Rainfall Intensity	Total Upstream Areas	Total Effective Areas	Total Pipe Flow	Pipe Part Velocity	Pipe Velocity Head	Pipe Friction Loss	Pipe Friction Loss	Pipe HGL Capacity
		(mm)		(min)	(min)	(mm/hr)	(Ha)	(Ha)	(l/s)	(m/s)	(m)	(m)	(m)	(l/s)
P9-5 P9-6	Class 2 RRJ	1500	0.013	0.281	7.424	77.129	1.019	0.764	163.739	1.030	0.000	0.000	0.000	4005.225
P9-6 P8-1	Class 2 RRJ	525	0.013	0.920	6.504	81.101	1.019	0.764	172.172	1.448	0.030	0.095	0.095	356.878
P8-1 P8-2	Class 3 RRJ	525	0.013	0.100	6.404	81.533	0.998	0.749	169.522	1.442	0.033	0.012	0.012	329.679
P8-2 P8-3	Class 2 RRJ	525	0.013	0.740	5.664	84.732	0.924	0.693	163.108	1.379	0.027	0.065	0.065	340.154
P8-3 P8-4	Class 2 RRJ	375	0.013	0.551	5.113	87.111	0.596	0.447	108.163	2.280	0.049	0.224	0.224	303.251
P8-3 P8-6	Class 3 RRJ	300	0.013	0.174	5.000	87.600	0.044	0.033	8.030	0.829	0.001	0.001	0.001	111.922
P8-4 P8-5	Class 3 RRJ	300	0.013	0.113	5.000	87.600	0.321	0.241	58.583	1.251	0.035	0.024	0.024	93.060

HGL Report - DRAINAGE Return Period: 100yrs Location: Tait Street														
Pipe Connecting Pits (Downstream Upstream)	Pipe Class	Pipe Diameter	Pipe Mannings n	Pipe Flow Time	Pipe Design Tc	Pipe Rainfall Intensity	Total Upstream Areas	Total Effective Areas	Total Pipe Flow	Pipe Part Velocity	Pipe Velocity Head	Pipe Friction Loss	Pipe Friction Loss	Pipe HGL Capacity
		(mm)		(min)	(min)	(mm/hr)	(Ha)	(Ha)	(l/s)	(m/s)	(m)	(m)	(m)	(l/s)
P9-5 P9-6	Class 2 RRJ	1500	0.013	0.223	7.084	168.494	1.019	0.764	357.699	1.297	0.002	0.000	0.000	4005.225
P9-6 P8-1	Class 2 RRJ	525	0.013	0.802	6.282	175.230	1.019	0.764	371.998	1.661	0.141	0.433	0.433	356.878
P8-1 P8-2	Class 3 RRJ	525	0.013	0.083	6.199	175.927	0.998	0.749	365.782	1.736	0.154	0.053	0.053	329.679
P8-2 P8-3	Class 2 RRJ	525	0.013	0.654	5.545	181.425	0.924	0.693	349.243	1.559	0.124	0.293	0.293	340.154
P8-3 P8-4	Class 2 RRJ	375	0.013	0.464	5.081	185.324	0.596	0.447	230.110	2.706	0.221	0.997	0.997	303.251
P8-3 P8-6	Class 3 RRJ	300	0.013	0.139	5.000	186.000	0.044	0.033	17.050	1.035	0.003	0.002	0.002	111.922
P8-4 P8-5	Class 3 RRJ	300	0.013	0.081	5.000	186.000	0.321	0.241	124.388	1.760	0.158	0.107	0.107	93.060

APPROVED CITY OF BALLARAT

By Jeff Colbourne at 7:39 am, Aug 26, 2025

AS CONSTRUCTED

ISSUE	DESCRIPTION	DATE	LEGEND		DESIGNED: A MURPHY		SCALE: H 1:100, V 1:50		PROJECT: LOT 32 TAIT STREET FLORIAN STAGE 8		CIVIL REF. No.: 802RD-08-10	SHEET: 11	REV: 4
A	ISSUED FOR APPROVAL	13/10/20			CHECKED: M PARKER		SHEET SIZE: A1						
B	ISSUED FOR APPROVAL WITH COUNCIL COMMENTS	02/12/2020			AUTHORISED: C COUGHLAN		DATE: 6/09/24						
C	ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24											
1	ISSUED FOR CONSTRUCTION	11/11/24											
2	NBN OFFSET UPDATED	31/01/25											
3	IFC. FABIENCE WAY ROAD LEVELS UPDATED	21/02/25											
4	"AS-CONSTRUCTED"	08/07/25											

ISO 9001 CERTIFIED
QUALITY ASSURANCE

Quality Certified Company
ISO9001:2008

REGISTRATION No: COU901-CC001

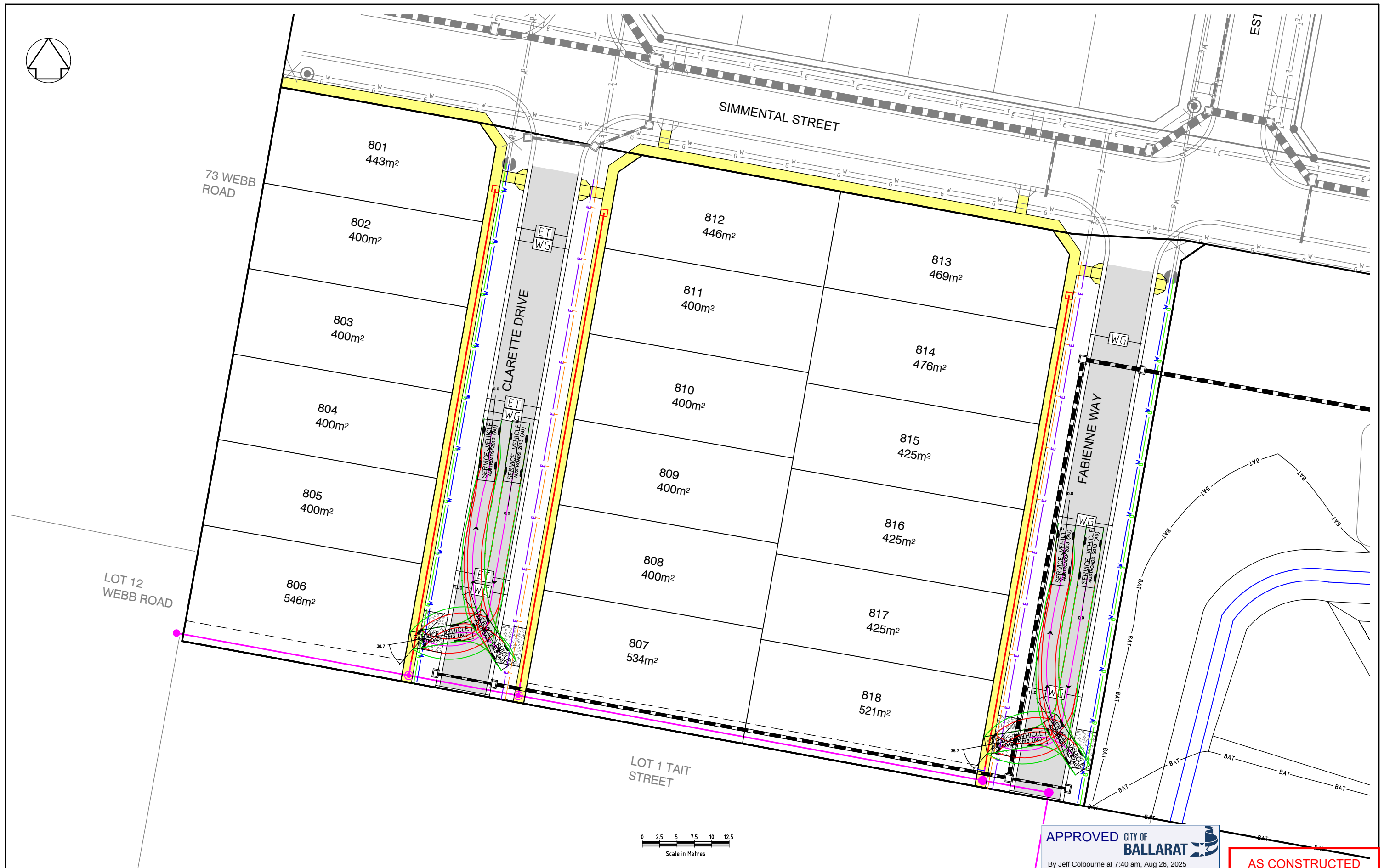
ACN 100 526 458
W: axiomce.com.au
E: admin@axiomce.com.au

AXIOM CONSULTING ENGINEERS

P: 03 5331 2688
6 Webster Street,
Ballarat Victoria 3350

CLIENT: BONSHAW PROJECTS PTY LTD

DRAINAGE PIT SCHEDULE & HYDRAULIC INFORMATION



APPROVED CITY OF BALLARAT
By Jeff Colbourne at 7:40 am, Aug 26, 2025

AS CONSTRUCTED

ISSUE	DESCRIPTION	DATE
A	ISSUED FOR APPROVAL	13/10/20
B	ISSUED FOR APPROVAL WITH COUNCIL COMMENTS	02/12/2020
C	ISSUED FOR APPROVAL W/ AMENDMENTS TO BATTERS	6/09/24
1	ISSUED FOR CONSTRUCTION	11/11/24
2	NBN OFFSET UPDATED	31/01/25
3	IFC. FABIENNE WAY ROAD LEVELS UPDATED	21/02/25
4	"AS-CONSTRUCTED"	08/07/25

LEGEND		
	PROPOSED WATER	ROAD
	PROPOSED GAS	FOOTPATH
	PROPOSED ELECTRICITY	EXISTING WATER
	PROPOSED TELECOMS	EXISTING GAS
	PROPOSED EASEMENT	EXISTING ELECTRICITY
	PROPOSED SEWER	EXISTING TELECOMS
	EXISTING SEWER	VEHICLE WHEEL PATH
	PROPOSED DRAINAGE	VEHICLE SWEEP PATH
	EXISTING DRAINAGE	PROPOSED INDUSTRIAL CROSSOVER
	ELEC/TELCOMS CONDUIT	
	WATER/GAS CONDUIT	



DESIGNED: A MURPHY	SCALE: 1:250
CHECKED: M PARKER	SHEET SIZE: A1
AUTHORISED: C COUGHLAN	DATE: 6/09/24



PROJECT: LOT 32 TAIT STREET FLORIAN STAGE 8
CLIENT: BONSHAW PROJECTS PTY LTD

CCIVIL REF. No.: 802RD-08-13	SHEET: 13	REV: 4
DRAWING TITLE: SERVICES & CONDUIT PLAN		