



LOCALITY PLAN

SCALE N.T.S.

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STANDARD DETAILS TABLE

DESCRIPTION	AUTHORITY	STANDARD DETAIL REFERENCE
BCC2 BARRIER KERB & CHANNEL	CITY OF BALLARAT	SD-K1 STANDARD KERB SECTIONS
HOUSE DRAIN CONNECTIONS	IDM	SD140 / SD505 / SD516
AG DRAINS	IDM	SD145
CONCRETE FOOTPATH	IDM	SD205 / SD210
TRENCH BACKFILL	IDM/CITY OF BALLARAT	SD 310/SD-D8-1/SD-8-4
UNHAUNCHED PITS	IDM	SD405
HAUNCHED PITS	IDM	SD410
JUNCTION PITS	IDM	SD420
SIDE ENTRY PITS	IDM	SD431
DOUBLE SIDE ENTRY PITS	IDM	SD445
GREATED SIDE ENTRY PITS	VICROADS	SD1321 / SD1322
GRATED PITS	IDM	SD455
END WALLS	IDM	SD465 / SD470

APPROVED CITY OF BALLARAT
By DerylleHast, 17 December, 2024



Stantec

DREW'S PADDOCK ESTATE - STAGE 3 HEINZ LANE, INVERMAY AS-CONSTRUCTED ROAD & DRAINAGE WORKS

GENERAL NOTES

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT CONSULTANTS DRAWINGS, SPECIFICATIONS, CLIENT INSTRUCTIONS, AND ANY WRITTEN INSTRUCTIONS ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER FOR DISCUSSION BEFORE PROCEEDING WITH WORK.

DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.

SUBSTITUTES WILL NOT BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

DURING CONSTRUCTION THE SITE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART OF THE SITE SHALL BE UNSAFE AS A RESULT OF THE CONSTRUCTION PROCEDURE.

MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATION AND CITY OF BALLARAT STANDARDS, THE CURRENT REVISION OF ALL RELEVANT SAA CODES, THE REQUIREMENTS OF THE VICTORIA BUILDING REGULATIONS, THE BUILDING CODE OF AUSTRALIA AND THE RELEVANT AUTHORITIES.

UNLESS NOTED OTHERWISE ON A PARTICULAR DRAWING THESE NOTES SHALL APPLY.

THE TERM "ENGINEER" SHALL MEAN A REPRESENTATIVE APPOINTED BY THE CITY OF BALLARAT.

CONSTRUCTION HOLD POINTS

THE CONTRACTOR IS TO BE AWARE OF THE CITY OF BALLARAT CONSTRUCTION REQUIREMENTS AND CONTACT THE CITY OF BALLARAT AT EACH OF THEIR REQUIRED HOLD POINTS TO ARRANGE APPROPRIATE TESTING AND INSPECTIONS.

SUB-GRADE INSPECTION - NO CRUSHED ROCK OR OTHER PAVEMENT MATERIAL IS TO BE PLACED UNTIL THE SUBGRADE HAS BEEN INSPECTED AND APPROVED BY THE COUNCIL OFFICER.

TEST ROLLING - SHALL BE CARRIED OUT IN THE PROCESS OF AND TO THE SATISFACTION OF THE COUNCIL OFFICER.

PRIMER COAT - THE COUNCIL OFFICER IS TO GIVE APPROVAL PRIOR TO THE PLACEMENT OF THE PRIMER COAT.

BITUMINOUS CONCRETE WEARING COURSE - (PLACING AND COMPACTION), NO LAYER SHALL BE SPREAD UNTIL THE COUNCIL OFFICER GIVES CONSENT TO PROCEED.

PLACING - CONCRETE SHALL NOT BE PLACED UNTIL THE COUNCIL OFFICER HAS EXAMINED FORMWORK AND REINFORCEMENT IN PLACE AND GIVEN HIS CONSENT TO PROCEED.

FORMS - THE FORMS SHALL BE INSPECTED BY THE COUNCIL OFFICER IMMEDIATELY BEFORE CONCRETE IS PLACED.

PREPARATION BEFORE PLACING FRESH CONCRETE - THE SURFACE PREPARATIONS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE COUNCIL OFFICER BEFORE CONCRETING PROCEEDS.

BACKFILLING - NO JOINTS ARE TO BE COVERED OR TRENCHES BACKFILLED UNTIL PIPE LAYING HAS BEEN APPROVED BY THE COUNCIL OFFICER.

DRAINAGE PITS - COVERS SHALL NOT BE PLACED UNTIL THE PITS HAVE BEEN INSPECTED AND APPROVED BY THE COUNCIL OFFICER.

CONCRETE NOTES

REFER VICROADS SPECIFICATION STANDARD SECTION 703 "GENERAL CONCRETE PAVING" FOR CONSTRUCTION DETAILS AND ASSOCIATED REFERENCES.

ALL CONCRETE AND CONCRETE PRACTICE SHALL BE GENERALLY IN ACCORDANCE WITH AS 3600 CONCRETE STRUCTURES CODE.

ALL INSITU CONCRETE SHALL HAVE A CHARACTERISTIC STRENGTH AT 28 DAYS (F_c) OF 25 MPa UNLESS NOTED OTHERWISE.

CONCRETE ELEMENTS SHOWN ON THESE DRAWINGS MUST NOT BE REDUCED IN ANY WAY WITHOUT THE ENGINEER'S APPROVAL. NO HOLES, CHASES, OR EMBEDMENTS, OTHER THAN THOSE SHOWN WILL BE PERMITTED IN ANY CONCRETE ELEMENTS WITHOUT THE ENGINEER'S APPROVAL.

REINFORCEMENT NOTATION

R - DENOTES STRUCTURAL GRADE PLAIN ROUND BARS TO AS 1302

N - DENOTES HOT ROLLED DEFORMED BARS TO AS 1302 (410Y)

SL72 - DENOTES REINFORCEMENT FABRIC TO AS 1304 (72 DENOTES SIZE OF FABRIC)

LAPPING REINFORCEMENT

MESH

TRENCH MESH

BAR SIZE

500mm

FULL WIDTH AT INTERSECTION

OTHER BARS

TOP BARS (300mm OR MORE CONCRETE BELOW)

N12

N16

N20

700

300

400

600

COVER

COVER COVER TO REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS.

CONCRETE COVER SHALL BE MAINTAINED BY THE USE OF APPROVED CHAIRS AND/OR CONCRETE BLOCKS.

CONDUITS, PIPES ETC. ARE NOT TO BE PLACED IN CONCRETE COVER.

THE SLUMP OF ALL CONCRETE AT THE TIME OF PLACING AT THE JOB SHALL BE 75mm +/- 15mm TOLERANCE U.N.O.

ALL CONCRETE PLACED IN POSITION SHALL BE ADEQUATELY VIBRATED.

ALL CONCRETE SHALL BE CURED TO THE APPROVAL OF THE ENGINEER.

ALL PIPEWORK CAST INTO CONCRETE IS TO BE SLEEVED OR LAGGED WITH APPROPRIATE COMPRESSIBLE MATERIAL FOR THE FULL LENGTH OF EMBEDMENT.

ASPHALT NOTES

REFER VICROADS SPECIFICATION STANDARD SECTION 407 "HOT MIX ASPHALT" FOR CONSTRUCTION DETAILS AND ASSOCIATED REFERENCES.

CIVIL NOTES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

ALL LEVELS SHOWN ARE BASED ON SITE DATUM. REFER TO SITE TBMS

COORDINATES ARE GROUND DISTANCES BASED ON SITE DATUM. REFER TO SITE TBMS

UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER, LAYING OF ALL PIPES OR CULVERTS SHALL COMMENCE AT THE DOWNSTREAM END.

PRIOR TO ANY WORKS COMMENCING THE CONTRACTOR SHALL COMPLETE A CHECK OF ANY EXISTING CONNECTING STORMWATER DETAILS, INCLUDING INVERTS, DIAMETERS, DEPTHS, MATERIAL ETC, TO CONFIRM ANY EXISTING DETAILS SHOWN ON THE DRAWINGS. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.

STORMWATER DRAINS ARE TO BE PVC SEWER QUALITY PIPES OR REINFORCED CONCRETE AS NOTED.

RC PIPES ARE TO BE RUBBER RING JOINTED CLASS 3 UNDER VEHICLE PAVEMENTS. ALL RC PIPES ELSEWHERE ARE TO BE CLASS 2 WITHOUT RUBBER RING JOINTS.

DRAINAGE PIPES MUST BE BEDDED IN ACCORDANCE WITH THESE DRAWINGS.

DRAINAGE, SERVICES AND CONDUIT TRENCHES UNDER PAVEMENTS, FOOTPATHS AND PAVING ARE TO BE BACKFILLED TO THE UNDERSIDE OF THE PAVEMENT WITH AN APPROVED CONSOLIDATED MATERIAL IN ACCORDANCE WITH THE RELEVANT MUNICIPALITIES CONDITIONS.

ANY CLASH OF THE WORKS WITH A SERVICE IS TO BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL ENSURE THAT SERVICES ARE FULLY PROTECTED DURING CONSTRUCTION. ANY SERVICES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

SERVICES OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY EXIST. THE CONTRACTOR IS TO ALLOW FOR THE ALTERATION TO SERVICES WITHIN THE SITE, INCLUDING THE ADJUSTMENT OF PIT COVER LEVELS AND THE REMOVAL AND SEALING OF UNWANTED SERVICES & ASSOCIATED PITS & FITTINGS.

EXPOSED SUBGRADE AREAS SHALL BE PROOF ROLLED UNDER THE SUPERVISION OF THE ENGINEER USING A 10 TONNE AXLE LOAD. SOFT AREAS DETECTED SHALL BE EXCAVATED AND BACKFILLED AS DIRECTED BY THE ENGINEER.

THE PAVEMENT SUB-BASE COURSE IS TO BE COMPACTED TO 97% MODIFIED MAXIMUM DRY DENSITY COMPACTION. THE PAVEMENT BASE COURSE TO 98% MODIFIED MAXIMUM DRY DENSITY. TESTING LOCATIONS IN ACCORDANCE WITH VICROADS SPECIFICATIONS RC316.10. ALL PAVEMENT TESTING TO NATA STANDARDS.

ALL WORKS ADJACENT TO THE SITE ARE TO BE APPROVED INSPECTED BY CITY OF BALLARAT.

THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE INDICATIVE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AUTHORITIES TO DETERMINE THE LOCATION OF UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION WORK. ANY CLASH OF WORKS WITH A SERVICE IS TO BE REPORTED TO THE ENGINEER IMMEDIATELY. THE CONTRACTOR SHALL ENSURE THAT ALL SERVICES ARE FULLY PROTECTED DURING CONSTRUCTION. ANY SERVICES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

PROVIDE TOOLED JOINTS IN KERBS, KERB AND CHANNEL AT 2.0m MAXIMUM CENTRES.

NOTE:

ANY USE OF THE ELECTRONIC DRAWINGS OR DATA PROVIDED BY STANTEC SHALL BE USED AT THE USER'S RISK. NO RESPONSIBILITY WILL BE TAKEN BY STANTEC AS TO THE ACCURACY OF THE DIGITAL DRAWING OR DATA. ANY SET-OUT WORKS UNDERTAKEN USING STANTEC DIGITAL DRAWINGS OR DATA SHOULD BE CHECKED AGAINST EXISTING TITLE RECORDS, TEMPORARY AND/OR PERMANENT SURVEY MARKS AS NOMINATED BY THE PROJECTS LICENSED SURVEYOR. THE SET-OUT INFORMATION PROVIDED ON ARCHITECTURAL AND/OR OTHER PROJECT RELATED DRAWINGS AND DOCUMENTS, IN CONJUNCTION WITH THE APPROVED HARD COPY DRAWINGS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION

PROVIDE 0.3m RADIUS TO KERBS AT INTERNAL CORNERS UNLESS NOTED OTHERWISE.

SAWCUT EXISTING KERBS & PAVEMENTS WHERE REQUIRED FOR INSTALLATION OF NEW KERBS AND WHERE NEW WORK IS TO MATCH EXISTING.

THE CONTRACTOR SHALL AT ALL TIMES DURING THE CURRENCY OF THE WORK PROTECT THE PUBLIC FROM THE WORKS. PLANT, TRENCHES ETC. OCCASIONED BY THE WORKS BY THE USE OF APPROVED BARRICADES AND BARRIERS. SUCH PROTECTIVE MEASURES WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND A REPRESENTATIVE FROM CITY OF BALLARAT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY ARISING FROM THE NEGLECT OR INSUFFICIENCY OF SUCH PRECAUTIONS.

THE CONTRACTOR IS ADVISED THAT THE MINES (TRENCHES) REGULATIONS 1982 WILL APPLY TO THIS PROJECT. THE CONTRACTOR IS REQUIRED TO SATISFY AND/OR PUT INTO EFFECT ALL REQUIREMENTS OF THOSE REGULATIONS AND THOSE OF THE OFFICE OF MINERALS AND ENERGY.

THE WORKS SHOWN HEREIN ARE SUBJECT TO THE SUPERVISION OF THE PRINCIPAL'S APPOINTED SUPERINTENDENT.

CARE IS TO BE TAKEN TO PROTECT EXISTING FENCES, BUILDINGS, FITTINGS, SERVICES, FURNITURE, SIGNAGE, TREES AND OTHER ITEMS TO BE RETAINED FROM ANY DAMAGE.

UNWANTED PITS, PIPES SERVICES ECT. IN PAVEMENT AREAS ARE TO BE REMOVED AND THE HOLE BACKFILLED WITH AN APPROVED CONSOLIDATED MATERIAL. IN ACCORDANCE WITH THE RELEVANT MUNICIPALITIES CONDITIONS.

THE CONTRACTOR SHALL INSPECT THE SITE AND DETERMINE THE EXISTING ASPHALT PAVING, PITS, PIPES, SERVICES, TREES, KERBS, DRAINS, BUILDINGS, FITTINGS, FURNITURE, SIGNAGE, ETC. THAT ARE TO BE REMOVED AND THE CONTRACTOR SHALL ALLOW IN THE TENDER PRICE FOR ALL COSTS ASSOCIATED WITH THE NECESSARY REMOVAL.

IN AREAS WHERE THERE IS TO BE FILLING UNDER PAVEMENT AREAS, THE SUBGRADE SHALL BE CLEARED OF ANY ROOT MATTER AND LOOSE MATERIAL TO THE DESIGN LEVELS. THE SUBGRADE AREA SHALL BE PROOF ROLLED UNDER THE ENGINEERS SUPERVISION USING A 10 TONNE AXLE LOAD TO LOCATE ANY SOFT SPOTS. ANY SOFT SPOTS SHALL BE EXCAVATED AND REPLACED WITH AN APPROVED MATERIAL IN 150mm COMPACTED LAYERS TO A MODIFIED DRY DENSITY OF 95% COMPACTION.

CONTRACTOR TO PROVIDE LEVEL 1 INSPECTION AND TESTING AS PER AS 3798-2007 FOR EARTHWORKS.

THE CONTRACTOR SHALL ALLOW TO PROVIDE TEMPORARY SHUTTERS FOR ALL TRENCHES AS NECESSARY.

SURPLUS SPOIL NOT REQUIRED BY THE DEVELOPER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. TO THE MUNICIPAL TIP OR A SITE APPROVED UNDER THE COUNCIL PLANNING & ENVIRONMENT ACT AND THE EPA ACT.

THE CONTRACTOR SHALL DEVELOP AND ENSURE THE STRICT IMPLEMENTATION OF AN APPROVED SITE ENVIRONMENT MANAGEMENT SYSTEM GENERALLY IN ACCORDANCE WITH THE EPA PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL, PUBLICATION No. 275."

THE ORIENTATION OF ALL STORMWATER DRAINAGE ACCESS COVERS & GRATES ARE SHOWN INDICATIVELY AND ARE TO BE MANUFACTURED & INSTALLED IN ACCORDANCE WITH ASS996-2006.

ALL DISTURBED SURFACES, FENCING & OTHER ITEMS TO BE RE-INSTALLED TO ORIGINAL CONDITION.

AS CONSTRUCTED

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	N. YONG	DATE:	FEB 2024
01	INFORMATION	08/05/2023	CB							DRAWN:	J. MILES	SCALE:	NTS
02	APPROVAL	23/02/2024	JM	RD						SURVEY:	STANTEC	SHEET SIZE:	A1 / A3
03	APPROVAL	22/05/2024	RJF	RD						CHECKED:		APPROVED:	
04	APPROVAL	03/06/2024	RJF	RD							M. ATON		R. DUNN
A	FOR CONSTRUCTION	26/06/2024	JB	RD						DATE:	05/06/2024	DATE:	05/06/2024
B	AS CONSTRUCTED	15/11/2024	GD	BR									
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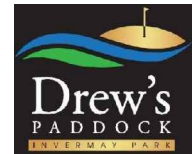
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Tel: 03 5330 8888
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CLIENT:



Communities Designed for Living

PROJECT:



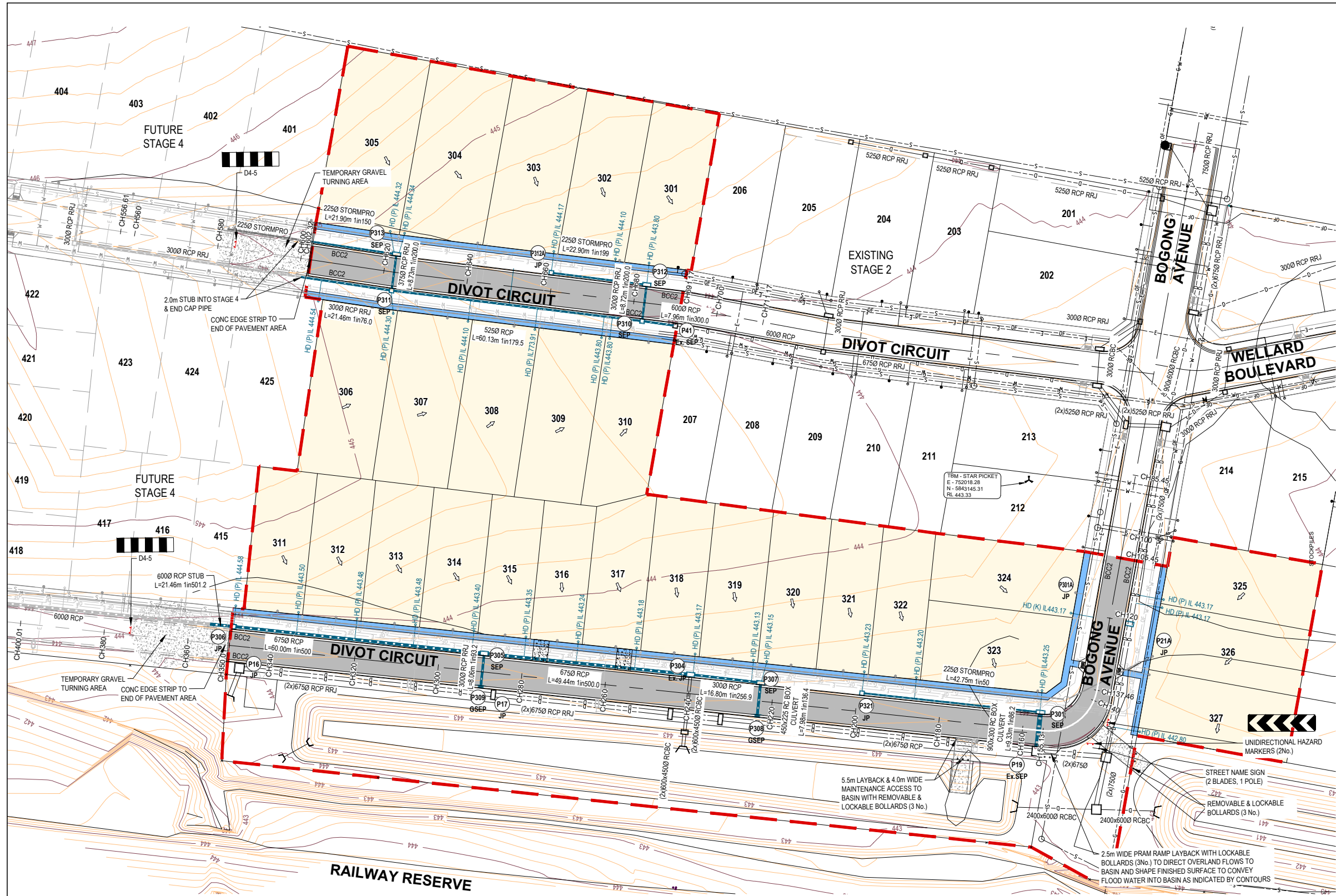
STAGE 3
27 LOTS

CIVIL DRAWING

DRAWING TITLE:
GENERAL NOTES, DRAWING INDEX, STANDARD DETAILS & LOCALITY PLAN

REF. No.: 17547-203

SHEET: C01 OF 09 REV: B



LEGEND

- SURFACE CONTOURS (0.20m INT)
- STORMWATER DRAINAGE PIPE
- EXISTING STAGE 2 STORMWATER DRAINAGE PIPE & PIT
- SEWER MAIN ALIGNMENT & PIT
- TELSTRA ASSETS (APPROX. LOCATION)
- POWER ASSETS (APPROX. LOCATION)
- WATER MAIN
- GAS MAIN (APPROX. LOCATION)
- EXISTING SEWER MAIN ALIGNMENT & PIT
- EXISTING TELSTRA
- EXISTING OPTIC FIBRE
- EXISTING POWER (O/H)
- EXISTING WATER MAIN
- EXISTING GAS MAIN
- EXISTING KERB & CHANNEL
- EXISTING STORMWATER DRAINAGE PIPE/PIT
- EXISTING TABLE DRAIN
- TITLE BOUNDARY
- EASEMENT
- ROAD KERB & CHANNEL
- ROAD CENTRELINE
- DOUBLE SIDE ENTRY PIT
- JUNCTION PIT
- SIDE ENTRY PIT
- GRATED PIT
- ENDWALL & ROCK BEACHING
- HOUSE DRAIN CONNECTION & PROPERTY INLET PIT: (P) PIPE-(K) KERB
- LOT NUMBER & DIRECTION OF NATURAL SURFACE FALL
- TEMPORARY BENCH MARK
- PERMANENT SURVEY MARK
- FOOTPATH EXTENTS
- EXTENT OF ROAD PAVEMENT
- LINE MARKING
- EXTENT OF SURFACE CUT
- EXTENT OF SURFACE FILL

ROAD & DRAINAGE LAYOUT
SCALE 1:500

APPROVED CITY OF BALLARAT
By DerylleHast, 17 December, 2024

NOTE:
THE LOCATION OF EXISTING UNDERGROUND SERVICES ARE SHOWN INDICATIVELY ONLY. THE OCCUPIER AND/OR CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AUTHORITIES TO DETERMINE THE LOCATION OF UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION WORK. THE OCCUPIER AND/OR CONTRACTOR SHALL ENSURE THAT ALL SERVICES ARE FULLY PROTECTED DURING CONSTRUCTION. ANY SERVICES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

AS CONSTRUCTED

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01	INFORMATION	08/05/2023	CB							DRAWN: J.MILES	SCALE: A1: 1:500 A3: 1:1000
02	APPROVAL	23/02/2024	JM	RD						SURVEY: STANTEC	SHEET SIZE: A1 / A3
03	APPROVAL	22.05.2024	RJF	RD						CHECKED: M. ATON	APPROVED: R. DUNN
04	APPROVAL	03.06.2024	RJF	RD						DATE: 05/06/2024	DATE: 05/06/2024
A	FOR CONSTRUCTION	26.06.2024	JB	RD							
B	AS CONSTRUCTED	15/11/2024	GD	BR							

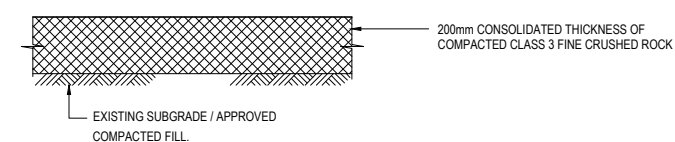
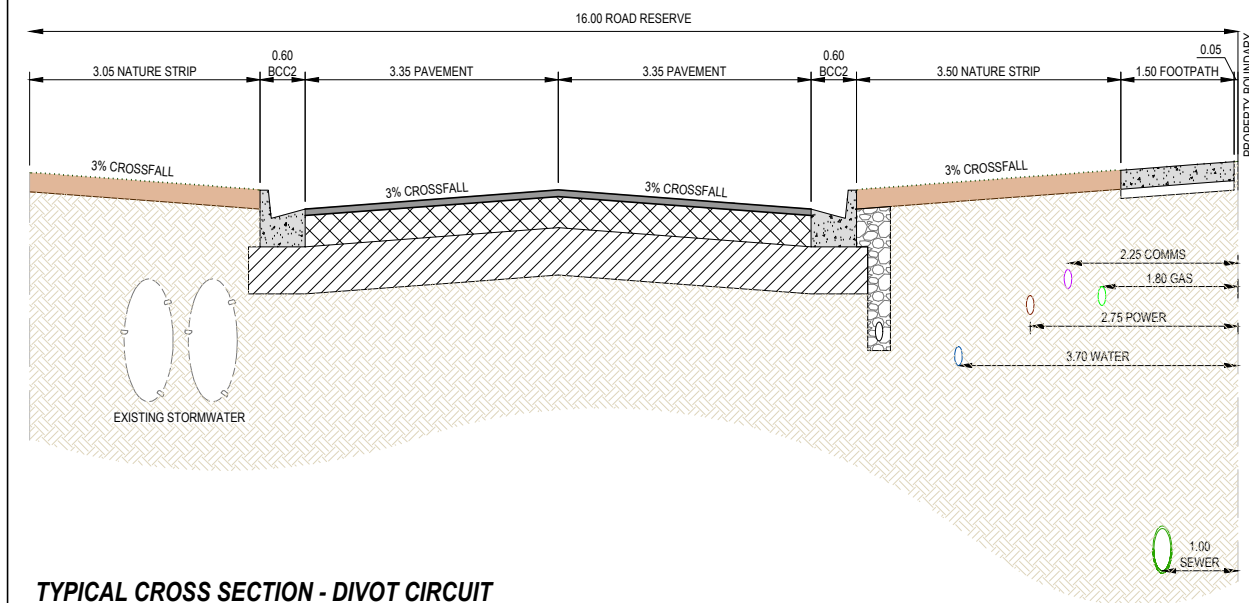
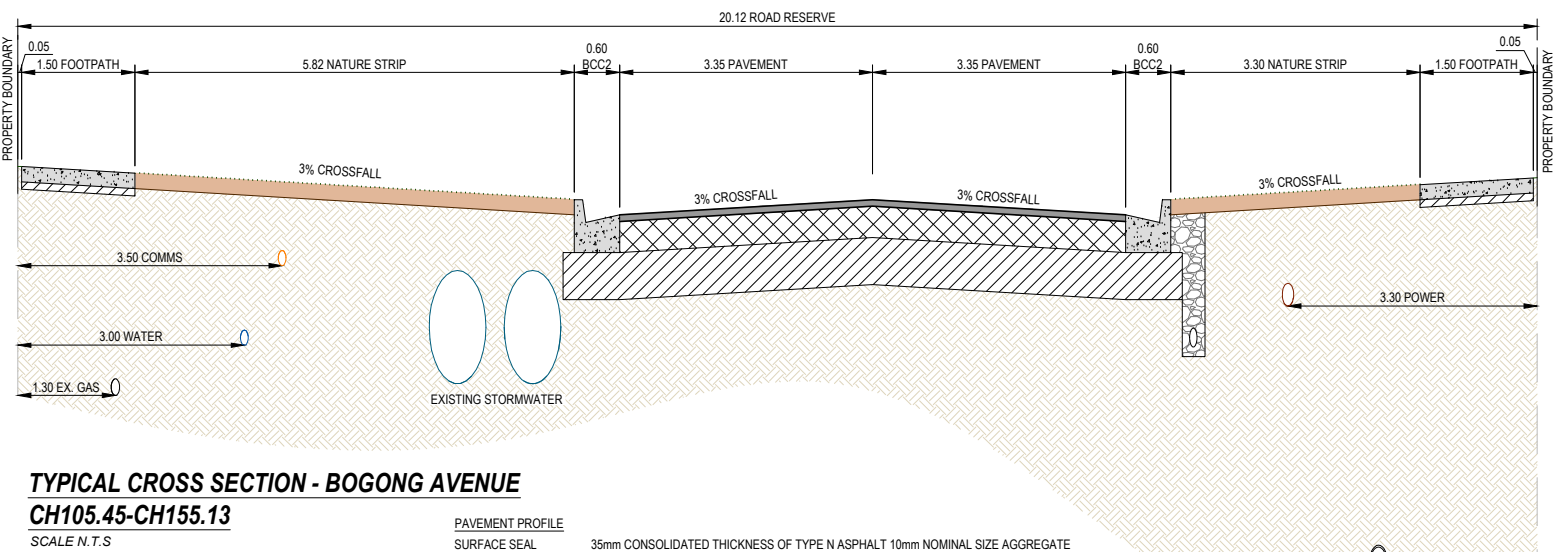
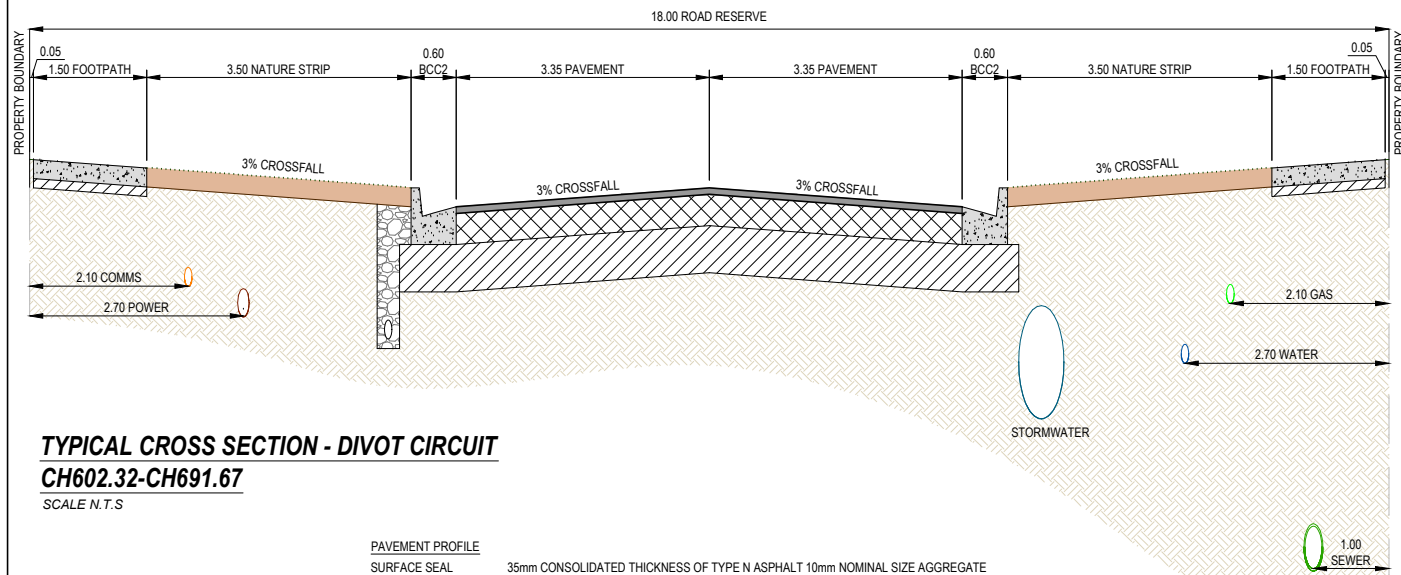
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villawood
properties
Communities Designed for Living

Drew's
Paddock
Equestrian Park

STAGE
3
27 LOTS

CIVIL DRAWING			
DRAWING TITLE: ROAD & DRAINAGE LAYOUT PLAN			
REF. No:	17547-203	SHEET	C02 OF 09
REV:			B



APPROVED CITY OF BALLARAT
By DerylleHast, 17 December, 2024

AS CONSTRUCTED

TYPICAL ROAD CROSS SECTIONS

SCALE N.T.S.

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED	DATE
01	INFORMATION	08/05/2023	CB							M. ANTON	FEB 2024
02	APPROVAL	23/02/2024	JM	RD						J. MILES	NTS
03	APPROVAL	22/05/2024	RJF	RD						STANTEC	SHEET SIZE: A1 / A3
04	APPROVAL	03/06/2024	RJF	RD						M. ATON	APPROVED: R. DUNN
A	FOR CONSTRUCTION	26/06/2024	JB	RD						DATE: 05/06/2024	DATE: 05/06/2024
B	AS CONSTRUCTED	15/11/2024	GD	BR							

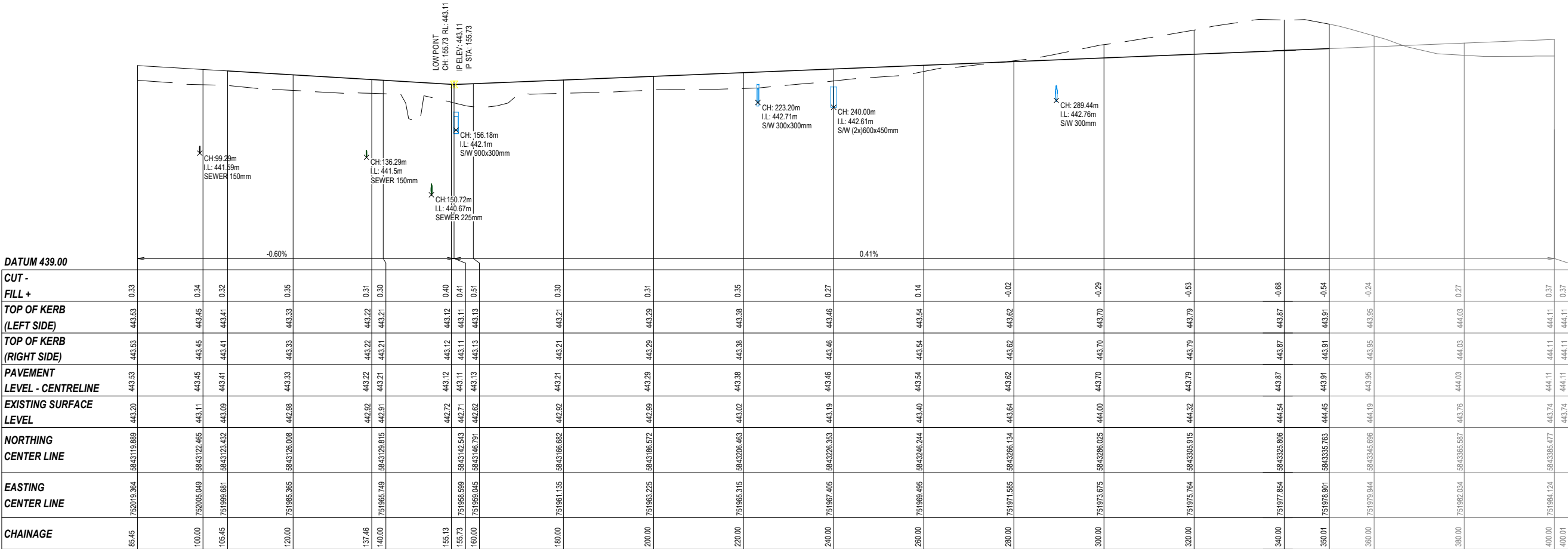
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villawood
properties
Communities Designed for Living

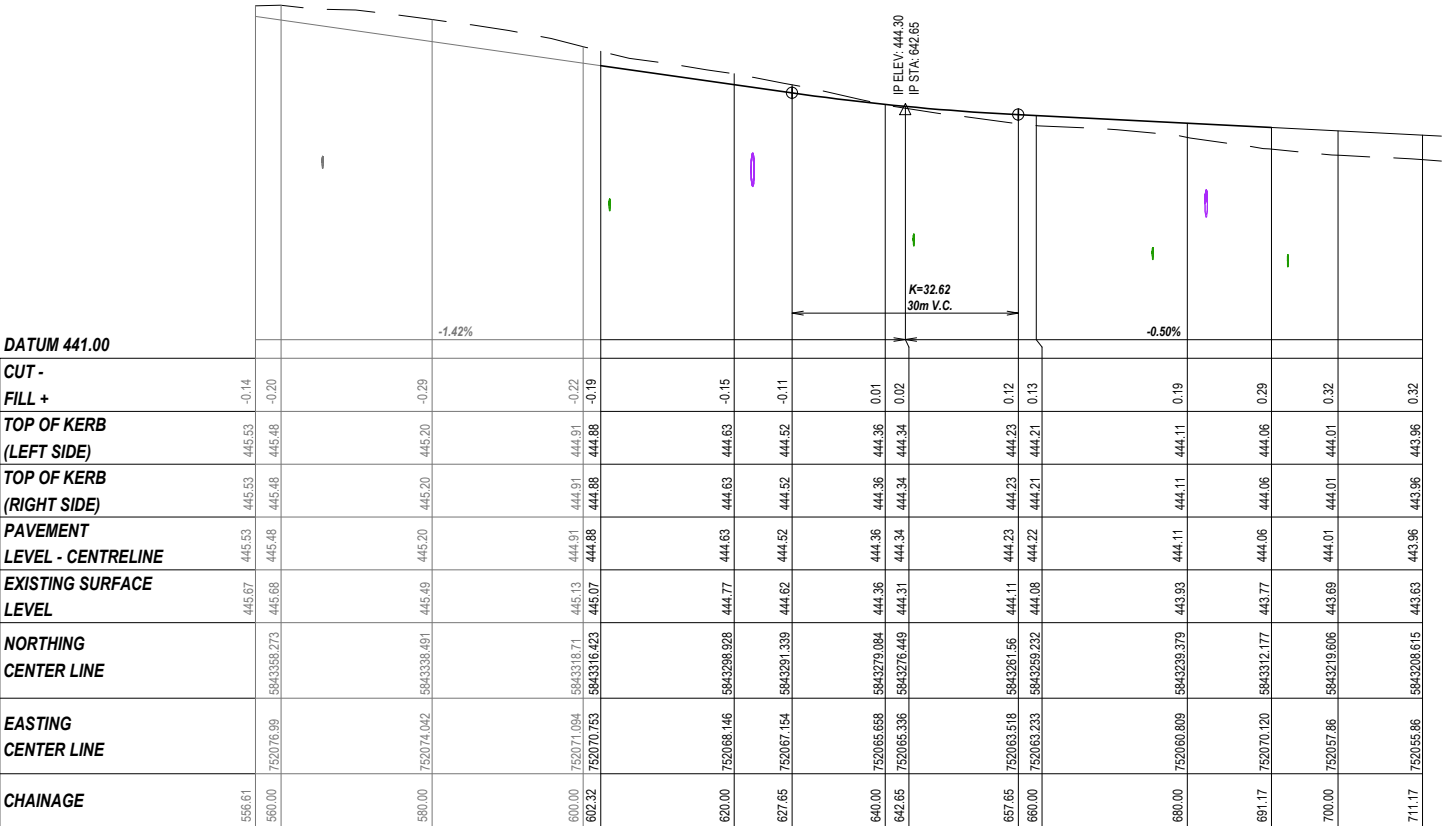
Drew's
Paddock
EVERMAY PARK

STAGE
3
27 LOTS

CIVIL DRAWING		
DRAWING TITLE: TYPICAL CROSS SECTIONS		
REF. No.: 17547-203	SHEET: C04 OF 09	REV: B



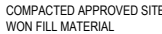
BOGONG AVENUE / DIVOT CIRCUIT
CENTRELINE LONG SECTION - CH105.45-CH350.01
SCALE H 1:500, V 1:50



DIVOT CIRCUIT
CENTRELINE LONG SECTION - CH606.61-CH691.17
SCALE H 1:500, V 1:50

APPROVED CITY OF BALLARAT
By DerylleHast, 17 December, 2024

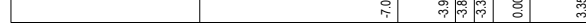
AS CONSTRUCTED



SCALE H 1:200, V 1:100



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CIVIL DRAWING

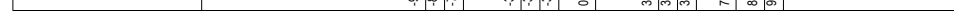
DRAWING TITLE:

**ROAD CROSS SECTIONS -BOGON
AVENUE/ DIVIOT CIRCUIT SH 1 OF 2**

REF. No.: 17547-203	SHEET: C06 OF 09	REV: B
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SCALE H 1:200, V 1:100



SCALE H 1:200, V 1:100

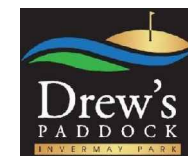


By DelylleHast, 17 December, 2024

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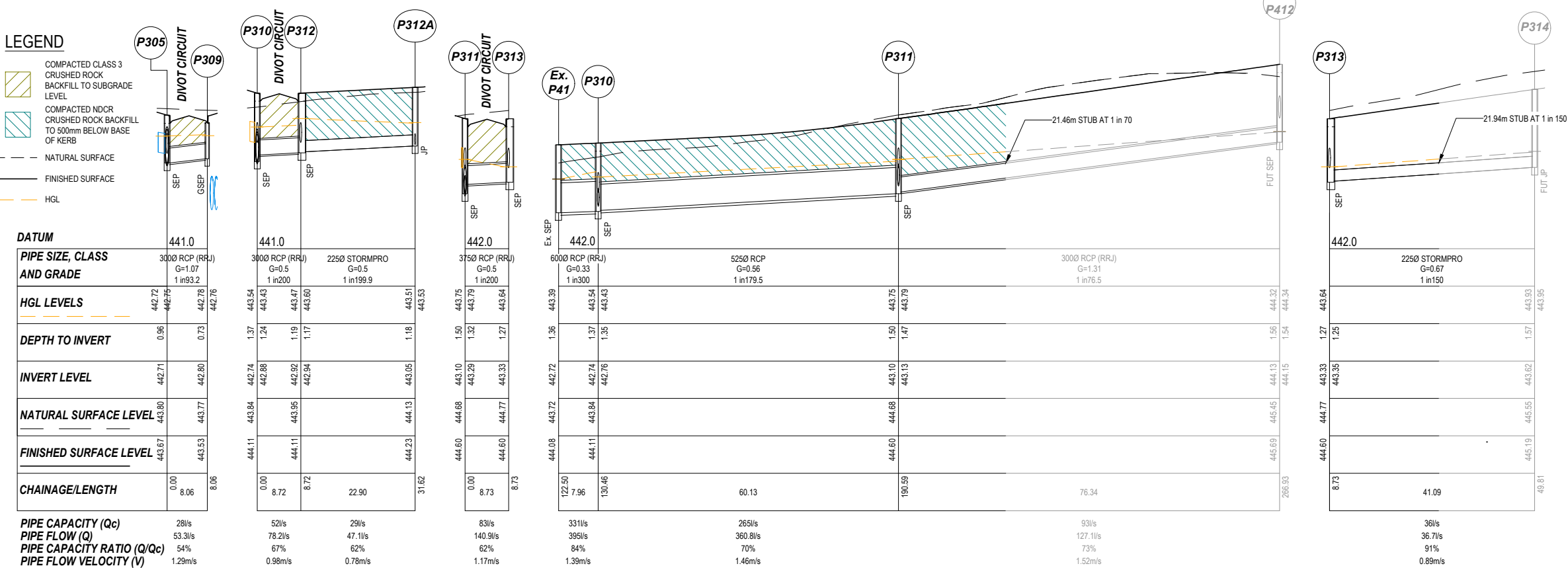
ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE		ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	N.YONG	DATE:	FEB 2024
01	INFORMATION	08/05/2023	CB								DRAWN:	J.MILES	SCALE:	H:1:200, V 1:100
02	APPROVAL	23/02/2024	JM	RD							SURVEY:	STANTEC	SHEET SIZE:	A1
03	APPROVAL	22/05/2024	RJF	RD							CHECKED:	M. ATON	APPROVED:	R. DUNN
04	APPROVAL	03/06/2024	RJF	RD							DATE:	05/06/2024	DATE:	05/06/2024
A	FOR CONSTRUCTION	26/06/2024	JB	RD										
B	AS CONSTRUCTED	15/11/2024	GD	BR										

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**STAGE
3
27 LOTS**

<h2 style="margin: 0;">CIVIL DRAWING</h2>			
DRAWING TITLE:			
<h1 style="margin: 0;">ROAD CROSS SECTIONS -BOGONG AVENUE/DIVIOT CIRCUIT SH 2 OF 2</h1>			
REF. No.:	17547-203	SHEET:	C07 OF 09
			REV: B



APPROVED CITY OF
BALLARAT 

By DerylleHast, 17 December, 2024

AS CONSTRUCTED

ISSUE		ISSUED FOR		DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR		DATE	DRAWN	APPROVED	DESIGNED: N.YONG		DATE: APRIL 2023	<div>Stantec</div> <div>Stantec Australia Pty Ltd ABN 17 007 820 322</div> <div>1315 Sturt Street</div> <div>Ballarat, VIC 3350</div> <div>Tel: 03 5330 8868</div> <div>Web: www.stantec.com/au</div>	CLIENT:	<div>villawood properties</div> <div>Communities Designed for Living</div>	PROJECT:	<div>Drew's Paddock</div> <div>STAGE 3</div> <div>27 LOTS</div>	CIVIL DRAWING			
01	INFORMATION	08/05/2023	CB									DRAWN: J.MILES	SCALE: H:1:500, V 1:50	<div>DRAWING TITLE:</div> <div>DRAINAGE LONGITUDINAL SECTIONS</div> <div>REF. No.: 17547-203</div> <div>SHEET: C08 OF 09</div> <div>REV: B</div>										
02	APPROVAL	23/02/2024	JM	RD								SURVEY: STANTEC	SHEET SIZE: A1											
03	APPROVAL	22.05.2024	RJF	RD								CHECKED: M. ATON	APPROVED: R. DUNN											
04	APPROVAL	03.06.2024	RJF	RD								DATE: 05/06/2024	DATE: 05/06/2024											
A	FOR CONSTRUCTION	26.06.2024	JB	RD																				
B	AS CONSTRUCTED	15/11/2024	GD	BR																				
														<div><div>C</div><div>COPYRIGHT STANTEC</div></div>										

PIT SCHEDULE														
PIT NAME	PIT TYPE	EASTING	NORTHING	INTERNAL DIMENSIONS		INLET			OUTLET		FSL	DEPTH	REMARKS	
				LENGTH	WIDTH	FROM PIT	INLET DIA	INVERT RL	OUTLET DIA	INVERT RL				
P301	DSEP	751962.95	5843142.54	1900	750	P321	225Ø	442.15		900x300	442.15	443.13	0.98	PROVIDE CLASS B LID
P321	JP	751967.49	5843185.05	900	750					225Ø	442.60	443.30	0.70	PROVIDE CLASS B LID
P302	EW	751954.79	5843227.68	-	-	P303	(2x)600x450	441.27				442.72	0.45	END WALL T O SUIT 2x600x450 RCBC
P303	JP	751958.22	5843227.32	900	1500	P304	(2x)600x450	442.59	(2x)600x450	442.29	443.28	443.28	0.99	PROVIDE CLASS B LID
P304	JP	751971.93	5843225.88	1500	900	P305	675Ø	442.62	(2x)600x450	442.62	443.48	0.86	PROVIDE CLASS B LID	
						P307	300Ø	442.62						
P305	DSEP	751976.95	5843275.06	1800	750	P306	675Ø	442.71	675Ø	442.71	443.67	0.96	PROVIDE CLASS B LID	
						P309	300Ø	442.71						
P306	JP	751983.37	5843334.72	900	900	P401	600Ø	442.83	675Ø	442.83	443.92	1.09	PROVIDE CLASS B LID	
P307	JP	751969.95	5843209.19	1800	750	P308	450x225	442.68	300Ø	442.68	443.40	0.74	PROVIDE CLASS B LID	
P308	GSEP	751962.02	5843210.03	900	600				450x225	442.74	443.26	0.52	PROVIDE CLASS B LID	
P309	GSEP	751968.94	5843275.90	900	600				300Ø	442.80	443.53	0.73	PROVIDE CLASS B LID	
P310	SEP	752056.14	5843237.42	900	900	P311	525Ø	442.77	600Ø	442.75	444.12	1.37	PROVIDE CLASS B LID	
P311	JP	752063.43	5843297.10	900	900	P412	300Ø	443.13	525Ø	443.10	444.60	1.50	PROVIDE CLASS B LID	
						P313	375Ø	443.29						
P312	DSEP	752064.80	5843236.36	1800	750	P312A	225Ø	442.92	300Ø	442.92	444.11	1.19	PROVIDE CLASS B LID	
P312A	JP	752067.65	5843259.08	900	750				225Ø	443.40	444.23	0.83		
P313	DSEP	752072.07	5843295.93	1800	750	P314	225Ø	443.35	375Ø	443.33	444.60	1.27	PROVIDE CLASS B LID	
P314	JP	752078.20	5843336.56	900	750				225Ø	443.63	445.19	1.57	PROVIDE CLASS B LID	
NOTES:														
SEP: SIDE ENTRY PIT, JP: JUNCTION PIT, GP: GRATED PIT, EW: END WALL, GPT: GROSS POLLUTANT TRAP, DSEP: DOUBLE SIDE ENTRY PIT, GSEP: GRATED SIDE ENTRY PIT														
SIDE ENTRY PITS IN ACCORDANCE WITH IDM SD 431 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS)														
JUNCTION PITS IN ACCORDANCE WITH IDM SD 420 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS)														
GRATED PITS IN ACCORDANCE WITH IDM SD 455 (CLASS B GRATES IN NON-TRAFFICABLE AREAS, CLASS D GRATES IN TRAFFICABLE AREAS)														
END WALLS IN ACCORDANCE WITH IDM SD 465 OR SD 470 (WITH ROCK BEACHING/BALLAST WHERE REQUIRED)														
DOUBLE SIDE ENTRY PITS IN ACCORDANCE WITH IDM SD 445 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS)														
GRATED SIDE ENTRY PITS IN ACCORDANCE WITH MICROADS SD1321 OR SD1322 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS)														
ALL PITS DEEPER THAN 1200mm FITTED WITH STEP IRONS														

DRAINAGE PIT SCHEDULE

SCALE H 1:500, V 1:50

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	N.YONG	DATE:	FEB 2024	<div><div>Stantec</div><div>Stantec Australia Pty Ltd ABN 17 007 820 322 1315 Sturt Street Ballarat, VIC 3350 Tel: 03 5330 8888 Web: www.stantec.com/au</div></div>	<div><div>Communities Designed for Living</div></div>	CLIENT:	PROJECT:	<div><div>STAGE 3 27 LOTS</div></div>	CIVIL DRAWING		
01	INFORMATION	08/05/2023	CB						DRAWN:	J.MILES	SCALE:	H:1:500, V 1:50	DRAWING TITLE: PIT SCHEDULE/ TANK DETAIL								
02	APPROVAL	23/02/2024	JM	RD					SURVEY:	STANTEC	SHEET SIZE:	A1									
03	APPROVAL	22.05.2024	RJF	RD					CHECKED:	M. ATON	APPROVED:	R. DUNN									
04	APPROVAL	03.06.2024	RJF	RD					DATE:	05/06/2024	DATE:	05/06/2024									
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B	AS CONSTRUCTED	15/11/2024	GD	BR										REF. No.: 17547-203	SHEET: C09 OF 09	REV: B					