

# LOCALITY PLAN SCALE 1 : 4000

ISSUE

04

05

# DRAWING INDEX

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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-D8-1/SD 310
UNHAUNCHED PITS	IDM	SD405
HAUNCHED PITS	IDM	SD410
JUNCTION PITS	IDM	SD420
SIDE ENTRY PITS	IDM	SD431
DOUBLE SIDE ENTRY PITS	IDM	SD445
GRATED PITS	IDM	SD455

# Stantec **STAGE 4 DREWS PADDOCK** HEINZ LANE, INVERMAY **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 CONTRACT. ANY DISCREPANCIES SHALL BE REFERRED TO 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 & REPRESENTATIVE APPOINTED. BY THE CITY OF BALLARAT / CLIENT.

### CONSTRUCTION HOLD POINTS

THE CONTRACTOR IS TO BE AWARE OF THE CITY OF BALLARAT CONSTRUCTION REQUIREMENTS AND CONTACT THE <u>CITY OF BALLARAT</u> 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  $\underline{\rm COUNCIL OFFICER}.$ 

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

RITI IMINOUS CONCRETE WEARING COURSE - (PLACING AND COMPACTION). NO LAYER SHALL BE SPREAD UNTIL THE <u>COUNCIL</u> <u>OFFICER</u> 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 <u>COUNCIL OFFICER</u> BEFORE CONCRETING PROCEEDS.

BACKEILLING - 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.

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CONCRETE NO	TES

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 COD

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 CORCRETE ELEMENTS SHOWN ON THESE DRAWINGS MUST NOT BE REDUCED IN ANY MAY WITHOUT THE ENGINEERS APPROVAL. NO HOLES, CHASES, OR EMBEDMENTS, OTHER THAN THOSE SHOWN WILL BE PERMITTED IN ANY CONCRETE ELEMENTS WITHOUT THE ENGINEERS APPROVAL.

REINFORCEMENT NOTATION R - DENOTES STRUCTURAL GRADE PLAIN ROUND

MESH

BAR SIZE

N12 N16 N20

COVER

ON THE DRAWING

CONCRETE COVER

THE ENGINEER.

ASPHALT NOTES

TRENCH MESH

BARS TO AS 1302 N - DENOTES HOT ROLLED DEFORMED BARS TO AS 1302 (410Y) SL72 - DENOTES REINFORCEMENT FABRIC TO AS 1304

500mm

TOP BARS

700

CLEAR COVER TO REINFORCEMENT SHALL BE AS NOTED

CONCRETE COVER SHALL BE MAINTAINED BY THE USE

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

ALL CONCRETE SHALL BE CURED TO THE APPROVAL OF

ALL PIPEWORK CAST INTO CONCRETE IS TO BE SLEEVED

MIX ASPHALT FOR CONSTRUCTION DETAILS AND ASSOCIATED REFERENCES.

OR LAGGED WITH APPROPRIATE COMPRESSIBLE MATERIAL FOR THE FULL LENGTH OF EMBEDMENT

OF APPROVED CHAIRS AND/OR CONCRETE BLOCKS

CONDUITS, PIPES ETC. ARE NOT TO BE PLACED IN

(300mm OR MORE CONCRETE BELOV

(72 DENOTES SIZE OF FABRIC -----

> FULL WIDTH AT INTERSECTION DRAWINGS OTHER BARS

THE UNDERSIDE OF THE PAVEMENT WITH AN APPROVED CONSOLIDATED MATERIAL IN ACCORDANCE WITH THE RELEVANT MUNICIPALITIES CONDITIONS

CIVIL NOTES

REFER TO SITE TBM'S

DOWNSTREAM END

ENGINEER

TRMS

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

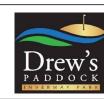
SERVICES OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY SERVICES OTHER TRAIT INTEGENTIATION OF THE ALTERATING THAT EXIST. THE CONTRACTOR IS TO ALLOW FOR THE ALTERATION TO SERVICES WITHIN THE SITE, INCLUDING THE ADJUSTMENT OF PIT COVER LEVELS AND THE REMOVAL AND SEALING OF UNWANTED SERVICES & ASSOCIATED PITS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

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

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



ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	S. THAPA	DATE:	MAY 2024
APPROVAL	08.05.2024	RJF	R.D.						DRAWN:	H. DANG	SCALE:	N.T.S
APPROVAL	28.05.2024	RJF	R.D.						SURVEY:	STANTEC	SHEET SIZE:	A1 / A3
APPROVAL	13.06.2024	RJF	R.D.						CHECKED:	M ANTON	APPROVED:	
APPROVAL	14.10.2024	RJF	R.D.							M. ANTON		R. DUNN
APPROVAL	08.11.2024	RJF	R.D.						DATE:	08.05.2024	DATE:	08.05.2024
										C COPYRIGHT STANT	EC.	
											20	

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"STAR PICKET

**"STAR PICKET** 

"STAR PICKET"



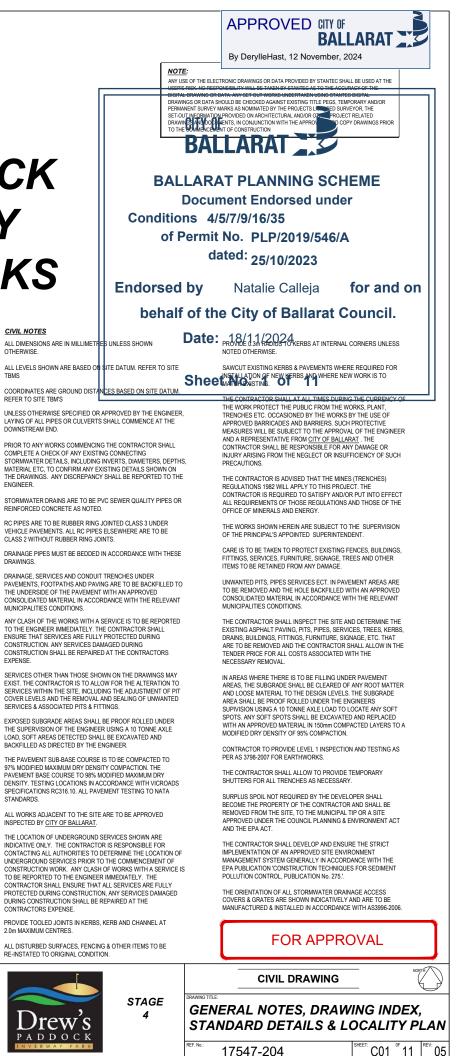
**BENCHMARK LOCATIONS** 

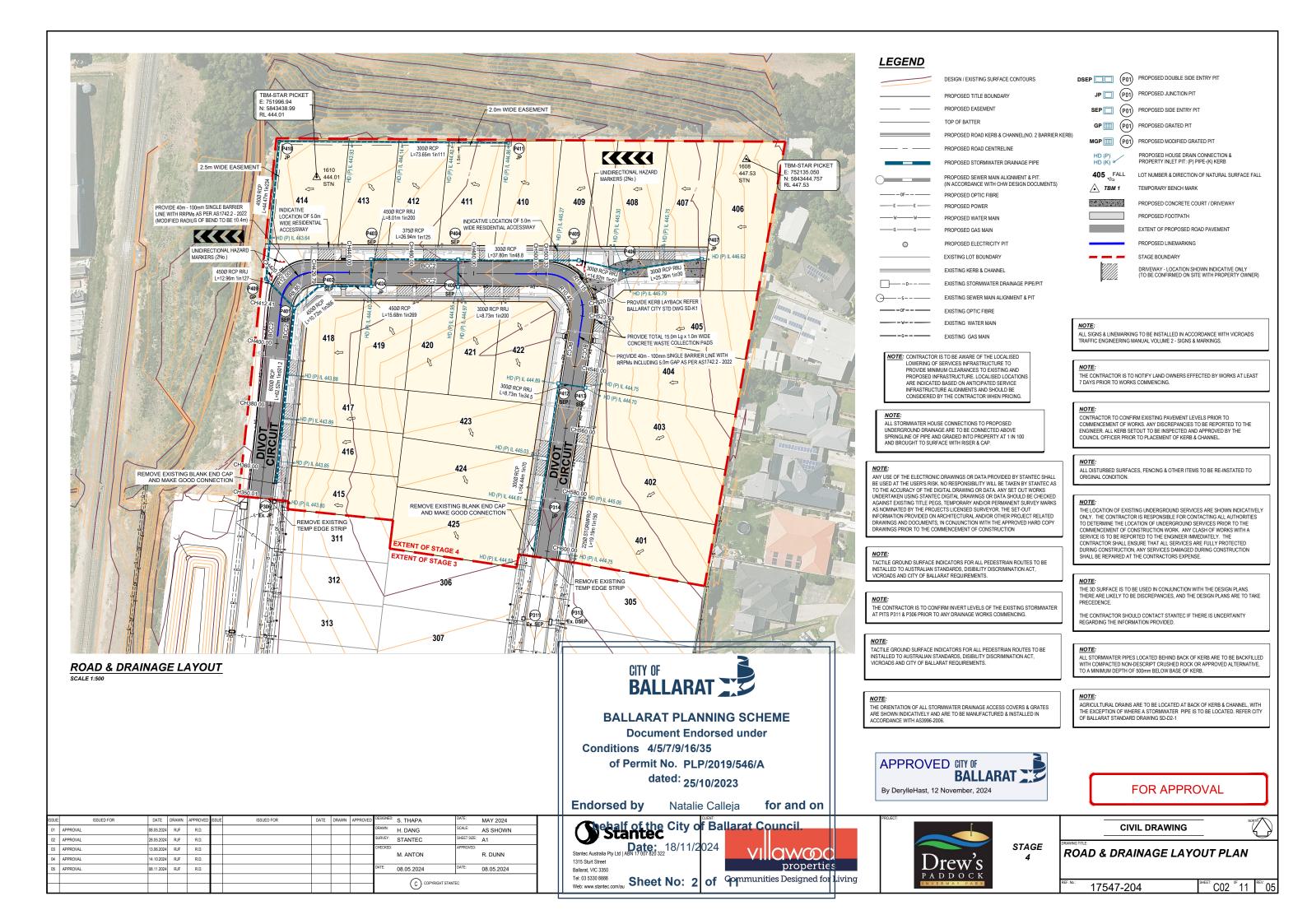
TBM 1 E: 752018.28 N: 5843145.31 RL: 443.33

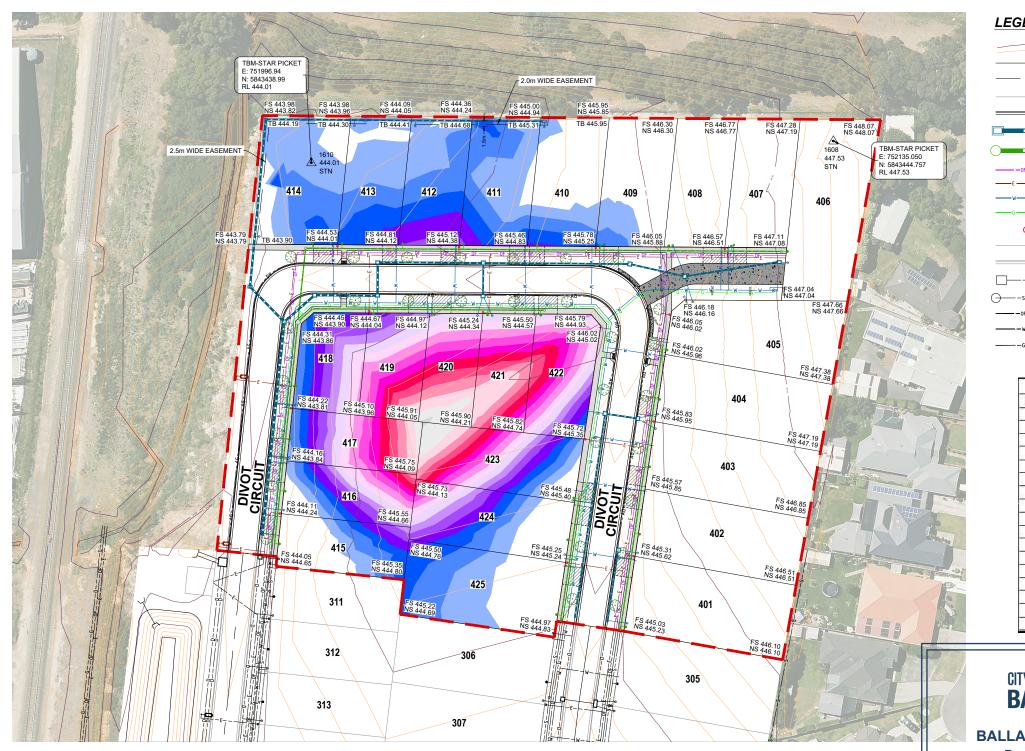
TBM 2 E: 751996.94 N: 5843438.99 RL: 444.01

TBM 3 E: 752135.05 N: 5843444.76 RL: 447.53

Stantec







# SERVICES LAYOUT, LOT LEVELS & TREES

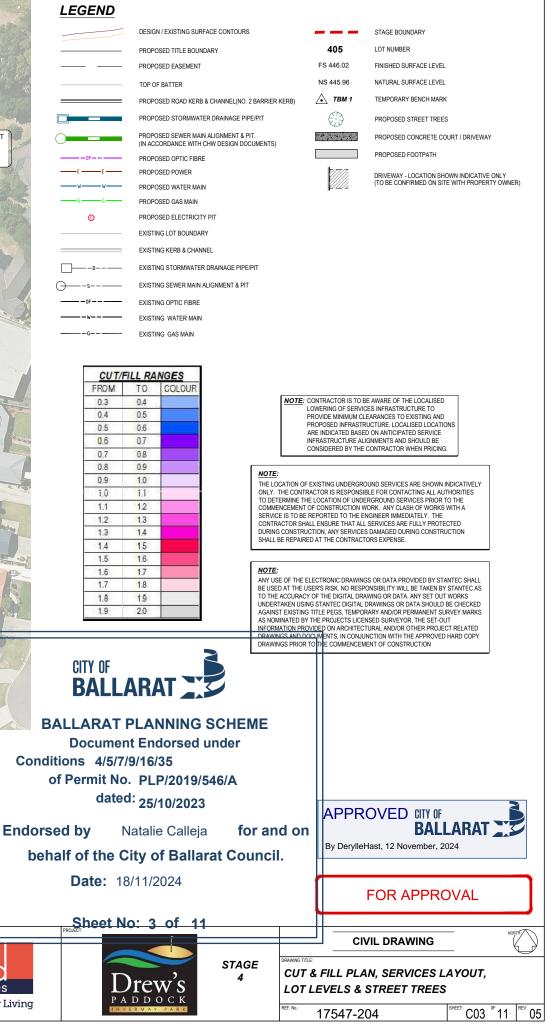
SU	SUGGESTED SERVICES OFFSET TABLE													
STREET NAME	TELECOM	ELEC.	GAS	WATER	SEWER									
DIVOT CIRCUIT (E)	2.1 (E)	2.7 (E)	2.1 (W)	2.7 (W)	1.0 (W) 1.0(E)									
DIVOT CIRCUIT (W) 2.8 (E) 3.45 (E) 2.2 (E) 1.8 (E) 1.0 (E)														
DIVOT CIRCUIT (N)	2.1 (N)	2.7 (N)	2.1 (S)	2.7 (S)	1.0 (N) 1.0 (S)									
THE CONTRACTOR IS TO CC CLEARANCES TO ANY EXIST PRIOR TO CONSTRUCTION.														

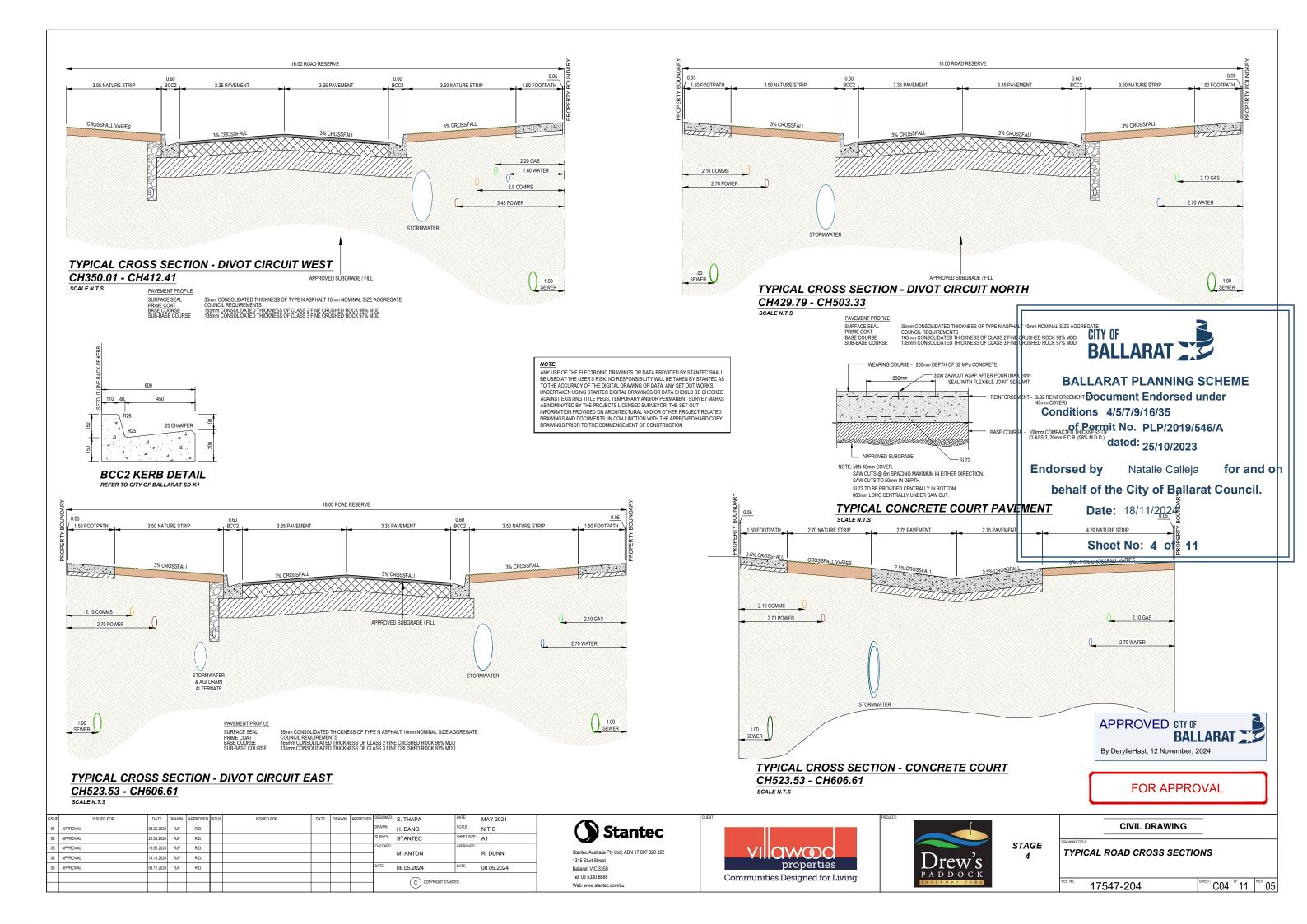
ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	S. THAPA	DATE:	MAY 2024
01	APPROVAL	08.05.2024	RJF	R.D.						DRAWN:	H. DANG	SCALE:	AS SHOWN
02	APPROVAL	28.05.2024	RJF	R.D.						SURVEY:	STANTEC	SHEET SIZE:	A1
03	APPROVAL	13.06.2024	RJF	R.D.						CHECKED:	M. ANTON	APPROVED:	R. DUNN
04	APPROVAL	14.10.2024	RJF	R.D.							M. ANTON		R. DUNN
05	APPROVAL	08.11.2024	RJF	R.D.						DATE:	08.05.2024	DATE:	08.05.2024
											C COPYRIGHT STANT	TC	



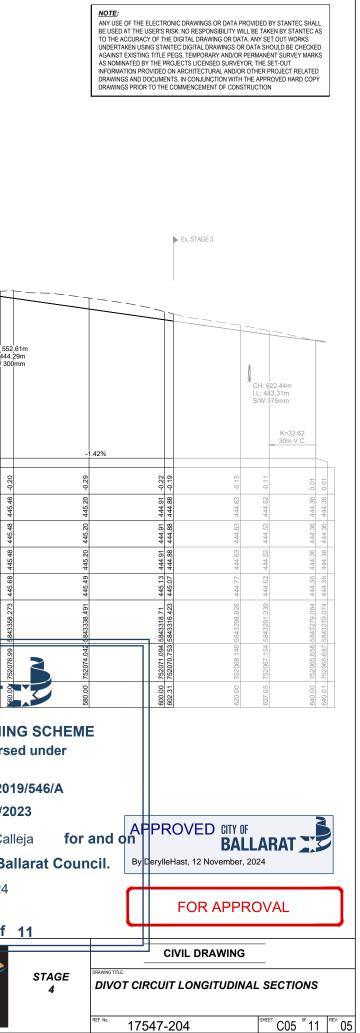
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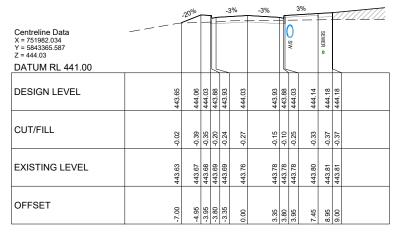
	LEGEND   - NATURAL SURFACE   FINISHED SURFACE   APPROVED FILL IN   ACCORDENCE WITH   AS 3798-2007 LEVEL 1					
		Ex. STAGE 3		23 IP STA. 429.79		DELLEV: 446.00 IP STA: 523.53 HIGH POINT CH: 555.61 RL: 445.88
		0.41%		CH: 415.35m CH: 415.35m CH: 415.35m SWW 450mm LL: 443.02m SEWER 150mm K=20.36 30m V.C.	CH: 474.96m I.L: 443.88m S/W 300mm	K=9.07 30m V.C.
DATUM 441.00 CUT - FILL + DESIGN TOP OF KERB (LEFT SIDE) DESIGN TOP OF KERB (RIGHT SIDE) DESIGN PAVEMENT LEVEL - CENTRELINE EXISTING SURFACE LEVEL NORTHING CENTER LINE EASTING CENTER LINE CHAINAGE	300.01 751973.676 5843286.035 444.00 443.70 443.70 443.70 -0.29 220.00 751975.764 5843305.915 444.32 443.79 443.79 443.79 0.53	340.00   751977.854   5843325.806   444.54   443.87   443.87   0.68     350.01   751978.901   5843335.763   444.45   443.91   433.91   -0.54     360.00   751979.944   5843335.763   444.45   443.91   443.91   -0.54     360.00   751979.944   5843335.7636   444.19   443.95   443.95   -0.54     360.00   751979.944   5843335.696   444.19   443.95   443.95   -0.24	751982.034 5843365.587 443.76 444.03 444.03 444.03 751982.124 5843385.477 443.74 444.11 444.11 751984.124 5843385.477 443.74 444.11 444.11	CH3		308.33   3240.03   9643307   445.17   445.17   445.86   445.77   445.76   457.76   457.76   457.76   457.76   455.53   455.53   455.5
01   APPROVAL   08.05.2024     02   APPROVAL   28.05.2024     03   APPROVAL   13.06.2024	RJF   R.D.     RJF   R.D.     RJF   R.D.	DATE DRAWN APPROVED DESIGNED: S. THAPA DRAWN: H. DANG SURVEY: STANTEC CHECKED: M. ANTON DATE: 08.05.2024	DATE: MAY 2024 SOLE: AS SHOWN SHEET SIZE: A1 APPROVED: R. DUNN DATE: 08.05.2024	Stante Australia Pty Ltd   ABN 17 007 820 322 1315 Sturt Street Ballarat, VIC 3350 Tel: 03 5330 8888	CLENT: VIICWOCC properties Communities Designed for	of Permit No. PLP/201 dated: 25/10/20 Endorsed by Natalie Call behalf of the City of Bal Date: 18/11/2024 Sheet No: 5 of



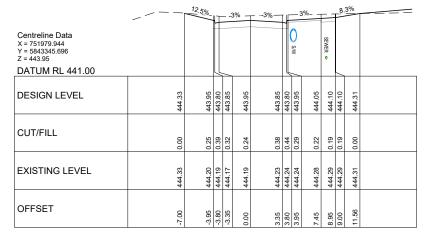
# LEGEND

- --- NATURAL SURFACE FINISHED SURFACE

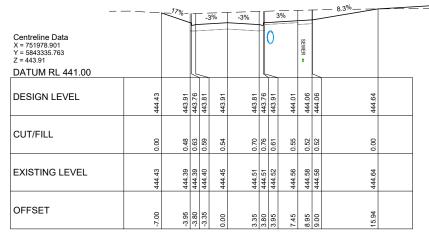
APPROVED FILL IN ACCORDENCE WITH AS 3798-2007 LEVEL 1



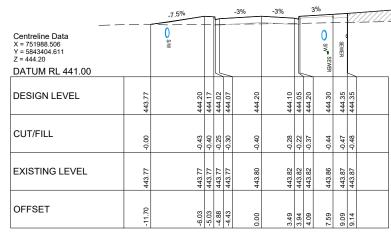








CH 350.01



CH 420.00

Centreline Data X = 751985421 Y = 5843397.818 Z = 444.16 DATUM RL 442.00		-20%				3%	-3%	- SM	0	3%	=		7
DESIGN LEVEL	443.78	444.19	444.16	444.01	444.06	444.16	444.06	444.01	444.16	444.27	444.31	444.31	
CUT/FILL	60.0-	-0.50	-0.47	-0.32	-0.36	-0.42	-0.27	-0.22	-0.36	-0.42	-0.45	-0.45	
EXISTING LEVEL	443.69	443.70	443.69	443.69	443.70	443.75	443.79	443.80	443.80	443.84	443.86	443.86	
OFFSET	00. 7-	-4.95	-3.95	-3.80	-3.35	0.00	3.36	3.81	3.96	7.46	8.96	9.01	

CH 412.41

Centreline Data X = 751984.124 Y = 5843385.477 Z = 444.11 DATUM RL 441.00 DESIGN LEVEL 444.14 444.11 443.96 444.01 444.01 443.96 444.11 444.22 444.26 444.26 44.11 CUT/FILL -0.23 -0.18 -0.32 -0.47 -0.44 -0.29 -0.34 -0.39 -0.42 -0.42 37 EXISTING LEVEL 443.67 443.68 443.68 443.68 443.78 443.79 443.79 443.83 443.85 443.85 OFFSET 3.35 3.35 3.35 3.35 7.45 8.95 9.00

Endorsed by Natalie Calleja behalf of the City of Ballarat Council. Date: 18/11/2024 Sheet No: 6 of 11

CITY OF

				3%	_	-1	3%	-3%	_	Ļ	3%			
Centreline Data X = 752007.447 Y = 584308.315 Z = 444.43 DATUM RL 442.00		SEWER ~		O SW						Wiz O		- SEWER		
DESIGN LEVEL	444.58	444.58	444.54	444.43	444.28	444.33	444.43	444.33	444.28	444.43	444.54	444.58	444.58	
CUT/FILL	-0.54	-0.54	-0.50	-0.41	-0.26	-0.31	-0.42	-0.33	-0.28	-0.43	-0.54	-0.58	-0.58	
EXISTING LEVEL	444.04	444.04	444.04	444.02	444.02	444.02	444.01	444.01	444.01	444.01	444.00	444.00	444.00	
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35	3.80	3.95	7.45	8.95	9.00	

Centreline Data X = 751997.237 Y = 5843408.385 Z = 444.29	
DATUM RL 441.00	
DESIGN LEVEL	
CUT/FILL	
EXISTING LEVEL	
OFFSET	

CH 400.00

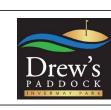
**DIVOT CIRCUIT CROSS SECTIONS** ROAD CROSS SECTIONS CH350.01 - CH440.00

SCALE H 1:200, V 1:100

Stantec

### ISSUED FOR ISSUED FOR S. THAPA MAY 2024 SSUE DATE $\mathbf{O}$ SCALE 01 APPROVA 08.05.2024 RJF R.D. H. DANG AS SHOWN SHEET SIZE: A1 28.05.2024 RJF R.D. 02 APPROVAL STANTEC 13.06.2024 RJF R.D. APPROVED 03 APPROVAL Stantec Australia Ptv Ltd | ABN 17 007 820 322 M. ANTON R. DUNN 14.10.2024 RJF R.D. 04 APPROVAL 1315 Sturt Street 05 APPROVAL 08.11.2024 RJF R.D. 08.05.2024 08.05.2024 Ballarat, VIC 3350 Tel: 03 5330 8888 C COPYRIGHT STANTEC Web: www.stantec.com/a





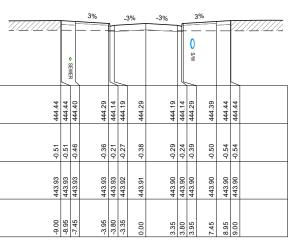
STAGE

4

	<u>NOTE</u> :
	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 FEGS, 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



for and on



CH 440.00

CH 429.79

SHEET 1 OF 3

17547-204

FOR APPROVAL

**CIVIL DRAWING** 

**DIVOT CIRCUIT CROSS SECTIONS** 

<sup>™</sup> C06 <sup>™</sup> 11 <sup>№</sup> 05

## LEGEND

- --- NATURAL SURFACE FINISHED SURFACE APPROVED FILL IN ACCORDENCE WITH AS 3798-2007 LEVEL 1

	<del></del>	_		3%		-:	3%	-3%	_	:	3%		77	
Centreline Data X = 752067.446 Y = 5843407.906 Z = 445.56 DATUM RL 443.00	'_// <u>//////</u> /			0 SM			772,	1217227		<u></u>	<u> </u>			
DESIGN LEVEL	445.71	445.71	445.66	445.56	445.41	445.46	445.56	445.46	445.41	445.56	445.66	445.71	445.71	
CUT/FILL	-0.58	-0.58	-0.57	-0.52	-0.38	-0.44	-0.60	-0.57	-0.52	-0.68	-0.82	-0.89	-0.89	
EXISTING LEVEL	445.13	445.12	445.09	445.03	445.03	445.02	444.96	444.89	444.88	444.88	444.84	444.82	444.82	
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	00.0	3.35	3.80	3.95	7.45	8.95	9.00	

CH 500.00

Centreline Data X = 752047.446 Y = 5843408.042 Z = 445.18 DATUM RL 443.00	<i>\[<u> </u>] ]                                 </i>	SEWER		3%			3%	-3%		7/2	3%	SEWER		
DESIGN LEVEL	445.33	445.33	445.28	445.18	445.03	445.08	445.18	445.08	445.03	445.18	445.28	445.33 <sup>b</sup>	445.33	
CUT/FILL	-0.62	-0.62	-0.60	-0.56	-0.42	-0.48	-0.64	-0.60	-0.55	-0.70	-0.85	-0.91	-0.91	
EXISTING LEVEL	444.71	444.71	444.68	444.62	444.61	444.60	444.54	444.48	444.48	444.48	444.44	444.42	444.42	
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35	3.80	3.95	7.45	8.95	9.00	

CH 480.00

	+++++++++++++++++++++++++++++++++++++++	1	-	3%	_	-3	3%	-3%	_	3	\$%		r7.	
Centreline Data X = 752027.447 Y = 5843408.179 Z = 444.80 DATUM RL 442.00		SEWER		0 sw		77	7727					◆ SEWER		
DESIGN LEVEL	444.95	444.95	444.91	444.80	444.65	444.70	444.80	444.70	444.65	444.80	444.91	444.95	444.95	
CUT/FILL	-0.73	-0.73	-0.69	-0.60	-0.45	-0.50	-0.61	-0.51	-0.47	-0.62	-0.77	-0.84	-0.84	
EXISTING LEVEL	444.22	444.22	444.22	444.20	444.20	444.20	444.20	444.19	444.19	444.18	444.14	444.12	444.12	
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35	3.80	3.95	7.45	8.95	9.00	

CH 460.00

Centreline Data X = 752082.366 Y = 5843394.344 Z = 445.88			-	3%		1	3%	-3%
DATUM RL 444.00		L	L		Ц	_		
DESIGN LEVEL	446.03	446.03	445.98	445.88	445.73	445.78	445.88	445.78
CUT/FILL	-0.05	-0.05	-0.09	-0.18	-0.03	-0.11	-0.39	-0.47
EXISTING LEVEL	445.98	445.98	445.89	445.70	445.69	445.67	445.48	445.30
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35

CH 523.53

Centreline Data X = 752082.360		F	-	3.1%	1	-	3%	-3
Y = 5843397.861 Z = 445.86								
DATUM RL 444.00	_				L	_		
DESIGN LEVEL	446.04	446.04	446.00	445.86	445.71	445.76	445.86	
CUT/FILL	-0.02	-0.03	-0.06	-0.17	-0.03	-0.10	-0.39	
EXISTING LEVEL	446.02	446.02	445.93	445.69	445.68	445.66	445.47	
OFFSET	-9.92	-9.87	-8.37	-3.95	-3.80	-3.35	0.00	

				3%	_	-	3%	-3%
Centreline Data X = 752070.775 Y = 5843407.883 Z = 445.62 DATUM RL 443.00	<u> </u>			0 sw		4		1_1_1_1
DESIGN LEVEL	445.77	445.77	445.72	445.62	445.47	445.52	445.62	
CUT/FILL	-0.56	-0.56	-0.55	-0.49	-0.34	-0.40	-0.56	
EXISTING LEVEL	445.21	445.21	445.18	445.13	445.13	445.12	445.06	
OFFSET	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	00.0	

# DIVOT CIRCUIT CROSS SECTIONS ROAD CROSS SECTIONS CH460.00 - CH523.53

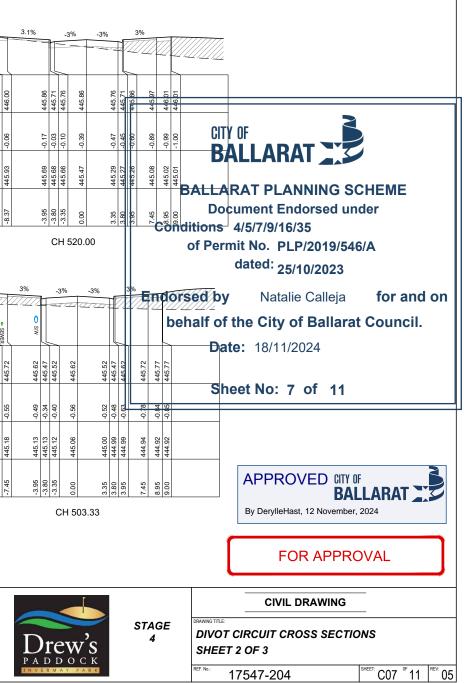
SCALE H 1:200, V 1:100

ISSU	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	S. THAPA	DATE:	MAY 2024	
01	APPROVAL	08.05.2024	RJF	R.D.						DRAWN:	H. DANG	SCALE:	AS SHOWN	
02	APPROVAL	28.05.2024	RJF	R.D.						SURVEY:	STANTEC	SHEET SIZE:	A1	
03	APPROVAL	13.06.2024	RJF	R.D.						CHECKED:	M. ANTON	APPROVED:	R. DUNN	i i
04	APPROVAL	14.10.2024	RJF	R.D.							M. ANTON		R. DUNN	
05	APPROVAL	08.11.2024	RJF	R.D.						DATE:	08.05.2024	DATE:	08.05.2024	
											C COPYRIGHT STANT	TEC.		i i
												120		

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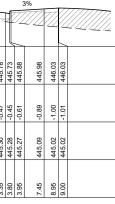
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# LEGEND

- --- NATURAL SURFACE FINISHED SURFACE

APPROVED FILL IN ACCORDENCE WITH AS 3798-2007 LEVEL 1

<u>8.3</u>% - 3%--3%-1 --3%-Centreline Data X = 752074.042 Y = 5843338.491 Z = 445.20 DATUM RL 443.00 DESIGN LEVEL 445.35 445.35 445.30 445.10 445.05 445.20 445.30 445.35 445.35 000 445.2 445.0 445.1 CUT/FILL 0.36 0.51 0.45 0.33 0.37 0.22 0.05 -0.02 -0.02 0.30 EXISTING LEVEL 445.65 445.65 445.62 445.56 445.56 445.55 445.42 445.42 445.41 445.35 445.33 445.33 OFFSET 9.00 8.95 7.45 3.95 3.35 3.95 7.45 8.95 9.00 8

CH 580.00

		8.3%			— 3%- —	П	3	%	3%		;	3%		_	
Centreline Data X = 752076.990 Y = 5843358.273 Z = 445.48			C GEN	D OFWED		-					0			-	<u> </u>
DATUM RL 443.00			5			ų	_			Ľ	sw /			L	
DESIGN LEVEL	446.02	445.63	445.63	445.58	445.48	445.33	445.38	445.48	445.38	445.33	445.48	445.58	445.63	445.63	
CUT/FILL	00.0	0.27	0.27	0.28	0.30	0.44	0.38	0.20	0.19	0.22	0.07	-0.16	-0.25	-0.25	
EXISTING LEVEL	446.02	445.91	445.90	445.87	445.78	445.77	445.76	445.68	445.57	445.55	445.55	445.43	445.38	445.38	
OFFSET	-13.66	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35	3.80	3.95	7.45	8.95	9.00	

CH 560.00

Centreline Data X = 752079.938 Y = 5843378.054 Z = 445.77 DATUM RL 444.00		SEWER		3%		-3		-3%			3%			
DESIGN LEVEL	445.97	445.92	445.87	445.76	445.61	445.66	445.77	445.66	445.61	445.76	445.87	445.91	445.92	
CUT/FILL	0.00	0.03	0.02	-0.02	0.13	0.06	-0.18	-0.23	-0.20	-0.36	-0.63	-0.75	-0.75	
EXISTING LEVEL	445.97	445.95 445.94	445.89	445.75	445.74	445.72	445.59	445.44	445.42	445.41	445.24	445.17	445.16	
OFFSET	-9.66 6.66	-9.00 -8.95	-7.45	-3.95	-3.80	-3.35	0.00	3.35	3.80	3.95	7.45	8.95	9.00	

CH 540.00

		8.3%	E	F	- 3%	IJ		3%	
Centreline Data X = 752071.094 Y = 5843318.710 Z = 444.91 DATUM RL 442.00			- SEWER		O SM		_		
DESIGN LEVEL	445.37	445.06	445.06	445.02	444.91	444.76	444.81	444.91	
CUT/FILL	0.0	0.23	0.23	0.24	0.28	0.43	0.37	0.22	
EXISTING LEVEL	445.37	445.29	445.29	445.26	445.19	445.19	445.18	445.13	
OFFSET	-12.72	00.6-	-8.95	-7.45	-3.95	-3.80	-3.35	0.00	L

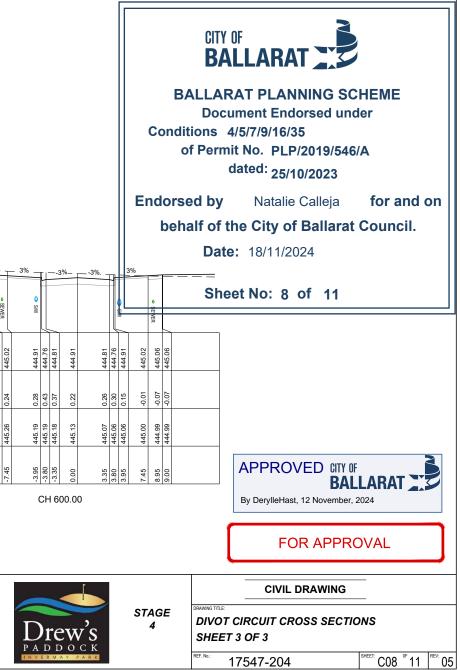
DIVOT CIRCUIT CROSS SECTIONS

ROAD CROSS SECTIONS CH540.00 - CH600.00 SCALE H 1:200, V 1:100

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	S. THAPA	DATE:	MAY 2024
01	APPROVAL	08.05.2024	RJF	R.D.						DRAWN:	H. DANG	SCALE:	AS SHOWN
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03	APPROVAL	13.06.2024	RJF	R.D.						CHECKED:		APPROVED:	
04	APPROVAL	14.10.2024	RJF	R.D.							M. ANTON		R. DUNN
05	APPROVAL	08.11.2024	RJF	R.D.						DATE:	08.05.2024	DATE:	08.05.2024
											C COPYRIGHT STANT	TC	

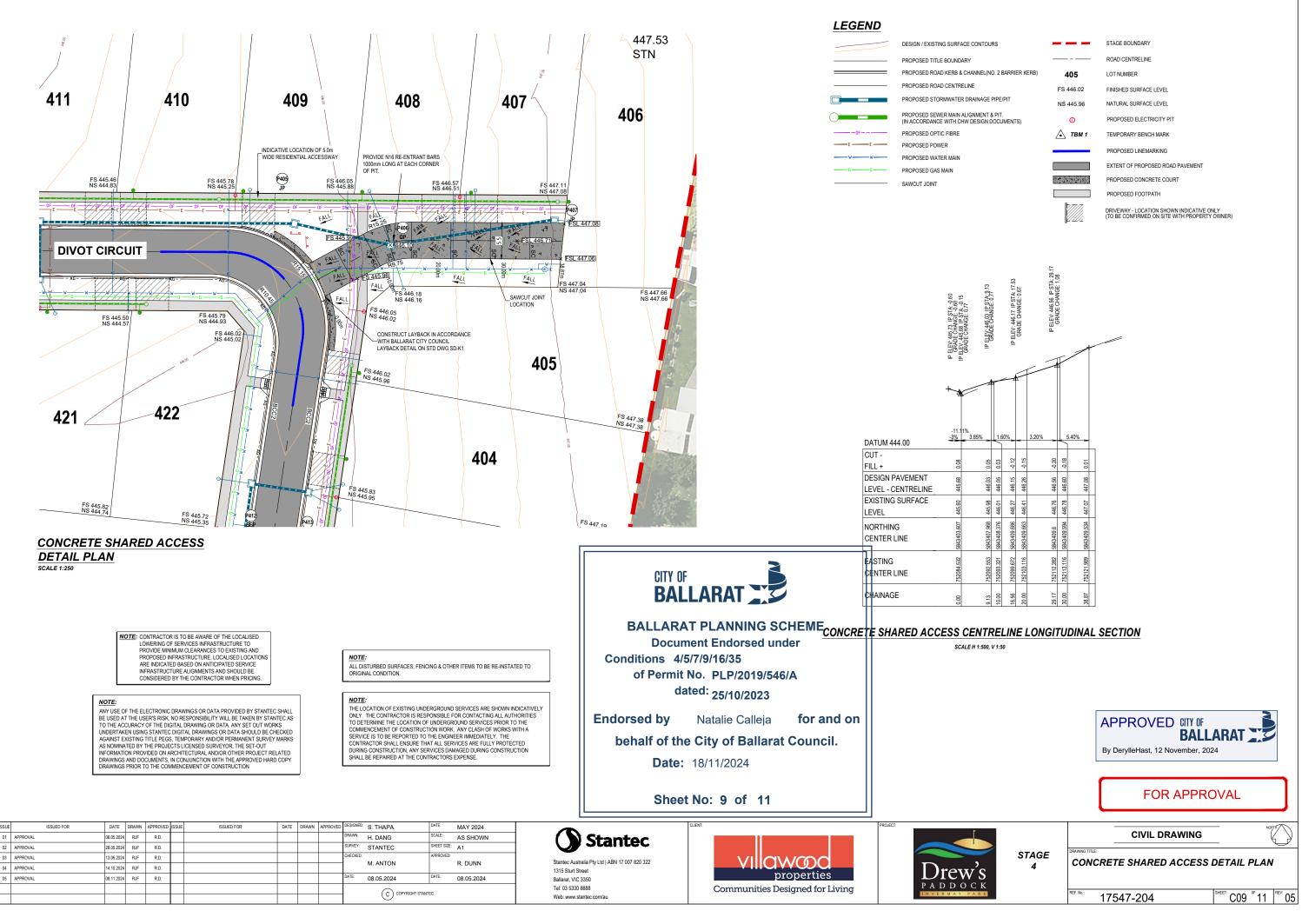
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Tel: 03 5330 8888
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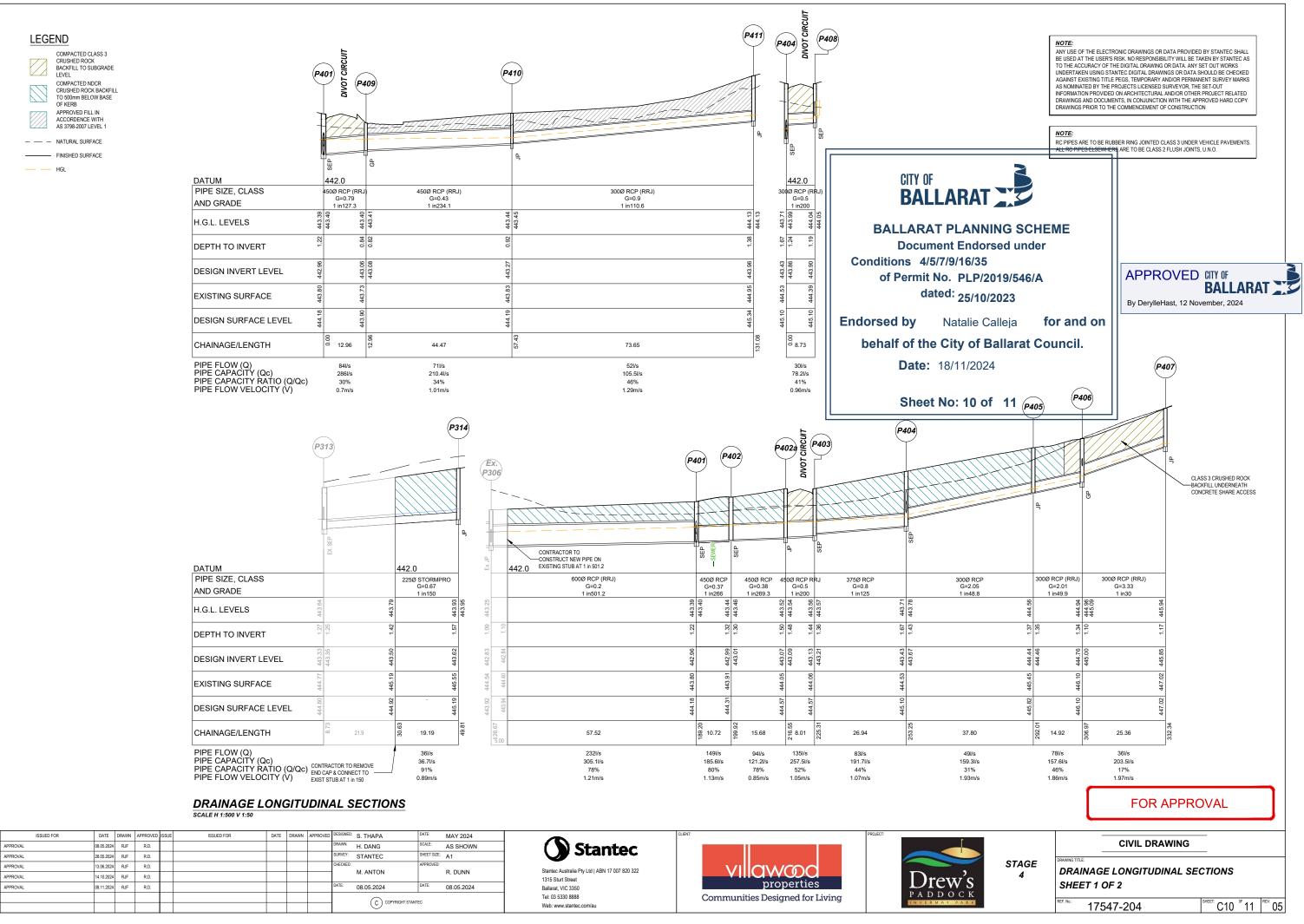




### NOTE:

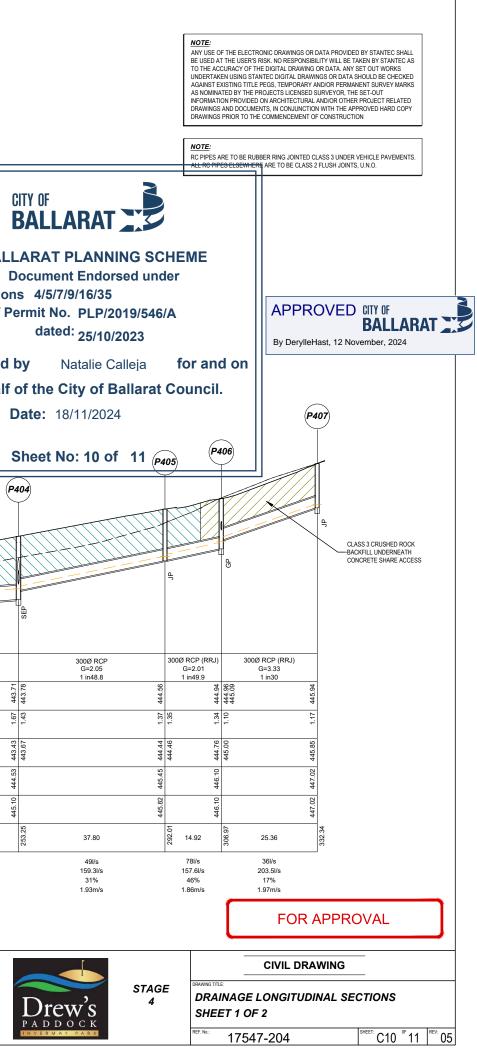
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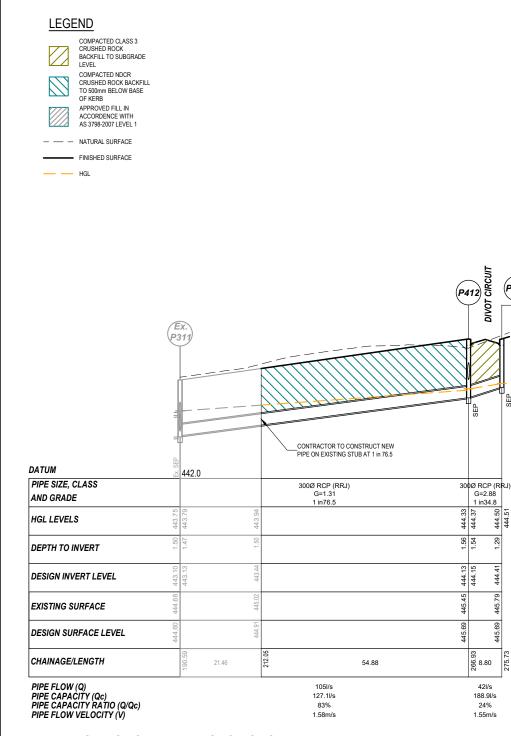




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04	APPROVAL	14.10.2024	RJF	R.D.							M. ANTON		R. DUNN
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											C C COPYRIGHT STANT	TC	
												20	







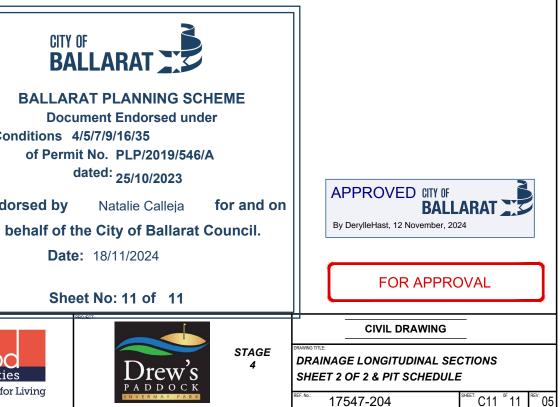
### DRAINAGE LONGITUDINAL SECTIONS SCALE H 1:500 V 1:50

DRAINAGE PIT SCHEDULE														
PIT	TYPE	EASTING	NORTHING	INTERNAL DIMENSIONS		INLET			OUTLET		FSL	DEPTH	DEMARKO	
NAME				LEN	WD	FROM	DIA	INVRL	DIA	INVRL	FƏL	DEPIN	REMARKS	
P314	JP	752078.20	5843336.56	900	900				225	443.63	444.52	1.57	PROVIDE CLASS B LID	
P412	SEP	752074.68	5843372.61	900	900	P413	300	444.15	300	444.13	445.69	1.56	PROVIDE CLASS B LID	
P413	SEP	752083.39	5843371.32	900	750				300	444.41	445.69	1.29	PROVIDE CLASS B LID	
P401	SEP	751989.75	5843396.91	900	900	P402	450	442.96	600	442.96	444.18	1.22	PROVIDE CLASS B LID	
						P409	450	442.96						
P402	SEP	751997.81	5843403.98	900	900	P402a	450	442.99	375	443.01	444.31	1.32	PROVIDE CLASS B LID	
P402A	JP	752014.44	5843403.91	900	900	P403	450	443.09	450	443.07	444.57	1.50	PROVIDE CLASS B LID	
P403	MGP	751997.87	5843412.78	900	900	P404	375	443.21	450	443.13	444.57	1.44	PROVIDE CLASS B LID	
P404	SEP	752042.44	5843412.48	900	900	P405	300	443.67	375	443.43	445.10	1.67	PROVIDE CLASS B LID	
						P408	300	443.86						
P405	JP	752081.20	5843412.21	900	900	P406	300	444.46	300	444.44	445.82	1.37	PROVIDE CLASS D LID HEAVY DUTY GATIC LID COVERS	
P406	GP	752095.76	5843408.94	900	900	P407	300	445.00	300	444.76	446.10	1.33	PROVIDE CLASS D LID HEAVY DUT Y GAT IC LID COVERS	
P407	JP	752120.72	5843412.74	900	600				300	445.85	447.02	1.17	PROVIDE CLASS D LID HEAVY DUT Y GAT IC LID COVERS	
P409	GP	751980.71	5843406.20	600	900	P410	450	443.08	450	443.06	443.88	0.82	PROVIDE CLASS B LID	
P410	JP	751984.92	5843450.47	900	600	P411	300	443.29	450	443.27	444.19	0.92	PROVIDE CLASS B LID	
P411	JP	752058.57	5843449.97	900	600				300	443.96	445.34	1.38	PROVIDE CLASS B LID	
P408	SEP	752042.38	5843403.75	900	750				300	443.90	445.10	1.19	PROVIDE CLASS B LID	
NOTES:														

# SEP: SIDE ENTRY PIT, JP: JUNCTION PIT, GP: GRATED PIT, DSEP: DOUBLE SIDE ENTRY PIT.

SIDE ENTRY PITS TO BE IN ACCORDANCE WITH IDM SD 431 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS) JUNCTION PITS TO BE IN ACCORDANCE WITH IDM SD 420 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS) GRATED PITS TO BE IN ACCORDANCE WITH IDM SD 455 (CLASS B GRATES IN NON-TRAFFICABLE AREAS, CLASS D GRATES IN TRAFFICABLE AREAS) MODIFIED GRATED PITS TO BE IN ACCORDANCE WITH IDM SD 496 (CLASS D GRATES IN TRAFFICABLE AREAS)

DOUBLE SIDE ENTRY PITS TO BE IN ACCORDANCE WITH IDM SD 445 (CLASS B LIDS IN NON-TRAFFICABLE AREAS, CLASS D LIDS IN TRAFFICABLE AREAS) ALL NEW PITS DEEPER THAN 900mm TO BE FITTED WITH STEP IRONS



Conditions 4/5/7/9/16/35

Endorsed by Natalie Calleja

ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	ISSUE	ISSUED FOR	DATE	DRAWN	APPROVED	DESIGNED:	S. THAPA	DATE:	MAY 2024
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