CONROYS GREEN
STAGE 5
SAN HUBERTO PROPERTIES P/L

GENERAL NOTES:

SURVEY

1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) 2020, ZONE 54.
2. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.
3. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE MUNICIPAL ENGINEER OR HIS REPRESENTATIVE.
4. ROAD CHAINAGES REFER TO ROAD CENTRELINES. CHAINAGES FOR INTERSECTIONS AND CUL-DE-SACS REFER TO THE LIP OF KERB

EARTHWORKS

5. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
6. WHERE REQUIRED ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
7. ALL EXCAVATED ROCK AND SURPLUS SPOIL TO BE REMOVED AND DISPOSED OFF SITE UNLESS NOTED OTHERWISE.
8. ALL FILLING ON LOTS AND WITHIN ROAD RESERVES GREATER THAN 200mm IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.
9. FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATION, AS 3798-2007 & TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT.
10. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
11. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED OR APPROVED BY THE SUPERINTENDENT.
12. TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
13. AT LEAST 3 DAYS PRIOR TO COMMENCING WORK ON EXCAVATIONS IN EXCESS OF 1.50m DEEP, A NOTIFICATION FORM MUST BE SENT TO WORKSAFE. THE CONTRACTOR IS TO COMPLY WITH WORKSAFE, THE MINES (TRENCHES) REGULATION 1982, THE MINES ACT 1958 AND OCCUPATIONAL HEALTH AND SAFETY ACT 1985, 2004.
14. ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND KERB AND CHANNEL OR PAVED TRAFFIC AREAS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
15. WHERE REQUIRED, ALL EXISTING DAMS, DEPRESSIONS AND DRAINS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED, APPROVED AND LEVELED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
16. NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCILS PERMISSION.

SERVICES

17. GAS AND WATER CONDUITS ARE TO BE ,
    Ø50mm . CLASS 12 P.V.C. - SINGLE SERVICE
    Ø100mm . CLASS 12 P.V.C. - DUAL SERVICE (DRINKING AND NON DRINKING WATER)

    WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
    ROAD PAVEMENT - 0.80m
    VERGE, FOOTPATHS - 0.45m
18. ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED IN ACCORDANCE WITH RELEVANT MUNICIPALITY OR ROAD AUTHORITY SPECIFICATION.
19. WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN.
20. TELSTRA ARE TO BE NOTIFIED 7 DAYS PRIOR TO PLACEMENT OF CONCRETE WORKS.

STORM WATER DRAINAGE

21. AG/SUBSOIL DRAIN TO BE LAID BEHIND KERB WHERE REQUIRED IN ACCORDANCE WITH THE COUNCIL STANDARD DRAWINGS AND CONNECTED TO UNDERGROUND DRAINAGE.
22. ALL STORMWATER DRAINS ARE TO BE CLASS '2' R.C. PIPES UNLESS OTHERWISE SHOWN. ALL R.C. JOINTS ARE TO BE RUBBER RING JOINTED (R.R.J.) UNLESS OTHERWISE SHOWN.
23. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m (WHERE OUTSIDE OF SEWER) FROM THE PROPERTY LINE UNLESS SHOWN OTHERWISE.
24. WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. CURVED PIPES ARE TO BE APPROVED BY COUNCIL AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

PAVEMENT

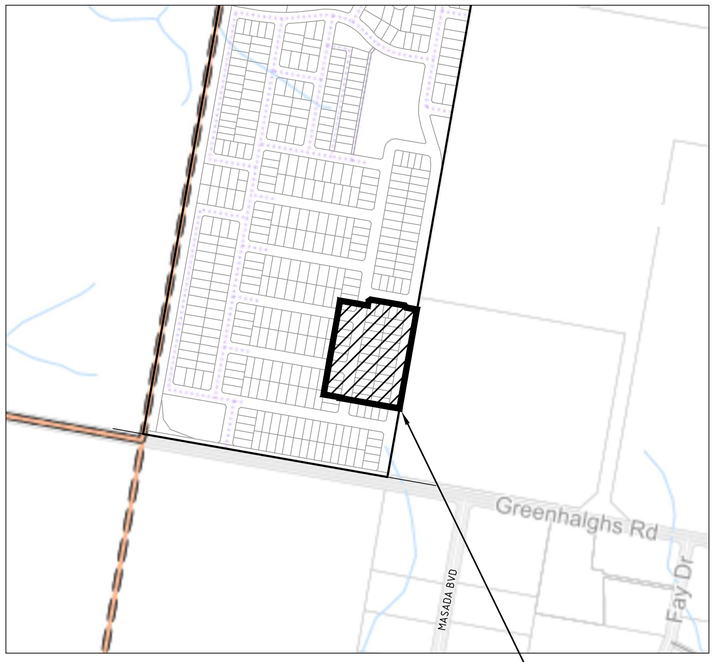
25. PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
26. WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL. FILLING TO BE CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 95% AUSTRALIAN STANDARD DENSITY.
27. WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.

SIGNAGE AND LINEMARKING

28. LINEMARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL STANDARDS.
29. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE SUPPLIED AND MAINTAINED IN ACCORDANCE WITH AS 1742-3.
30. TACTILE GROUND SURFACE INDICATORS ARE TO BE INSTALLED IN ACCORDANCE WITH THE DISABILITY DISCRIMINATION ACT AND RELEVANT COUNCIL STANDARD DRAWINGS.

ENVIRONMENTAL

31. CONTRACTOR TO PROVIDE AN ENVIRONMENTAL MANAGEMENT PLAN INCLUDING SILT AND SEDIMENT RUNOFF PROTECTION ETC. PRIOR TO THE COMMENCEMENT OF WORKS.
32. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE SUPERINTENDENT.
33. TREES NOT SPECIFIED FOR REMOVAL ARE TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS.



LOCALITY PLAN

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SCALE @ A1
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STAGE 5 WORKS

N
MGA 2020
ZONE 54

LEGEND

DESCRIPTION	EXISTING	PROPOSED
WATER MAIN, VALVE AND HYDRANT	DW	DW
UNDERGROUND ELECTRICITY	E	E
TELECOMMUNICATIONS & SERVICE PIT	T	T
GAS MAIN	G	G
BRANCH SEWER & MAINTENANCE STRUCTURE	S	S
SEWER & MAINTENANCE STRUCTURE	S	S
SEWER RISING MAIN	SRM	SRM
CENTRAL INVERT	> >	> >
COUNCIL STORMWATER DRAIN AND PIT		
STORM WATER DRAINAGE PROPERTY INLETS		
COUNCIL STORM WATER PITS		
HOUSE DRAIN	H	H
AG DRAIN AND FLUSHER	AG	AG
STORM WATER DRAINAGE PIT TYPE & NUMBER	EX219EP	302JP
GAS & WATER CONDUITS	GW	GW
RIDGE / CHANGE OF GRADE LINE		
SURFACE CONTOUR MINOR	169.00	169.00
SURFACE CONTOUR MAJOR	168.90	168.90
SURFACE LEVEL	E123.45	F124.68
BATTER LEVEL (TOP / TOE)	T124.80	T124.80
EARTHWORKS GRADE		1 in 150
SIGN AND POST		
STREET SIGN		
PERMANENT SURVEY MARK		
TEMPORARY BENCH MARK		
BOLLARD		
ROAD CHAINAGES	CH116.57 (L/R)TP CH116.57	CH116.57 (L/R)TP CH116.57
LOT CHAINAGES	CH20.06	CH20.06
SETOUT POINT		A1
LIMIT OF WORKS		
BATTER		
ROCK BEACHING		
RETAINING WALL		
FENCE - TREE PROTECTION		
FENCE - VEHICLE EXCLUSION		
FENCES		
TREE (& SURVEYED CANOPY) TO BE RETAINED		
TREE TO BE PROTECTED		
TREE TO BE REMOVED		
VEGETATION LINE		
FOOTPATH		
TACTILE GROUND SURFACE INDICATOR		
KERB TRANSITION		B2 SM2

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WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
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DRAWING SCHEDULE

DRAWING	DESCRIPTION	SHEET No.	REVISION
CR100	GENERAL NOTES - SHEET 1	1	B
CR200	ROAD LAYOUT PLANS - SHEET 1	2	B
CR201	ROAD LAYOUT PLANS - SHEET 2	3	A
CR300	ROAD LONG SECTIONS - SHEET 1	4	A
CR301	ROAD LONG SECTIONS - SHEET 2	5	A
CR302	ROAD LONG SECTIONS - SHEET 3	6	A
CR400	ROAD CROSS SECTIONS - SHEET 1	7	B
CR401	ROAD CROSS SECTIONS - SHEET 2	8	B
CR402	ROAD CROSS SECTIONS - SHEET 3	9	A
CR403	ROAD CROSS SECTIONS - SHEET 4	10	A
CR404	ROAD CROSS SECTIONS - SHEET 5	11	A
CR500	INTERSECTION DETAILS - SHEET 1	12	A
CR600	DRAINAGE LONG SECTIONS - SHEET 1	13	B
CR601	DRAINAGE LONG SECTIONS - SHEET 2	14	B
CR602	DRAINAGE LONG SECTIONS - SHEET 3	15	B
CR700	PAVEMENT AND TYPICAL DETAILS - SHEET 1	16	A
CR800	SIGNAGE AND LINEMARKING - SHEET 1	17	A

SERVICE LOCATION TABLE

ROAD NAME	POTABLE WATER		GAS		NBN (TELECOM)		ELECTRICITY			
							POLE		U/G CABLE	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
GOLDFINCH ROAD	E	3.00	E	2.50	W	1.85	W	1.0x	W	2.65
CORMORANT GRANGE	E	2.95	E	2.40	W	1.80	W	1.0x	W	2.70
EGRET STREET	S	2.95	S	2.40	N	1.80	N	1.0x	N	2.70
MYNA STREET	S	2.95	S	2.40	N	1.80	N	1.0x	N	2.70

1. TELECOMMUNICATIONS AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
2. GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
3. x = OFFSET FROM BACK OF KERB

APPROVED CITY OF BALLARAT
By D. Hastings at 3:41 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
B	REVISED AS PER COUNCIL COMMENTS 25/11/21	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	14/09/21

Scale

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
GENERAL NOTES
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR100** Rev **B**

file name 309150CR100.dwg layout name CR100 plotted by Ashley Willkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021-4:01 PM Sheet 1 of 17 Sheets

APPROVED CITY OF BALLARAT
By D. Hastings at 3:41 pm, Dec 22, 2021

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Rev	Amendments	Approved	Date
B	ADDED FOOTPATH ALONG GOLDFINCH RD	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:500
SCALE @ A1 0 5 10 15 20 25

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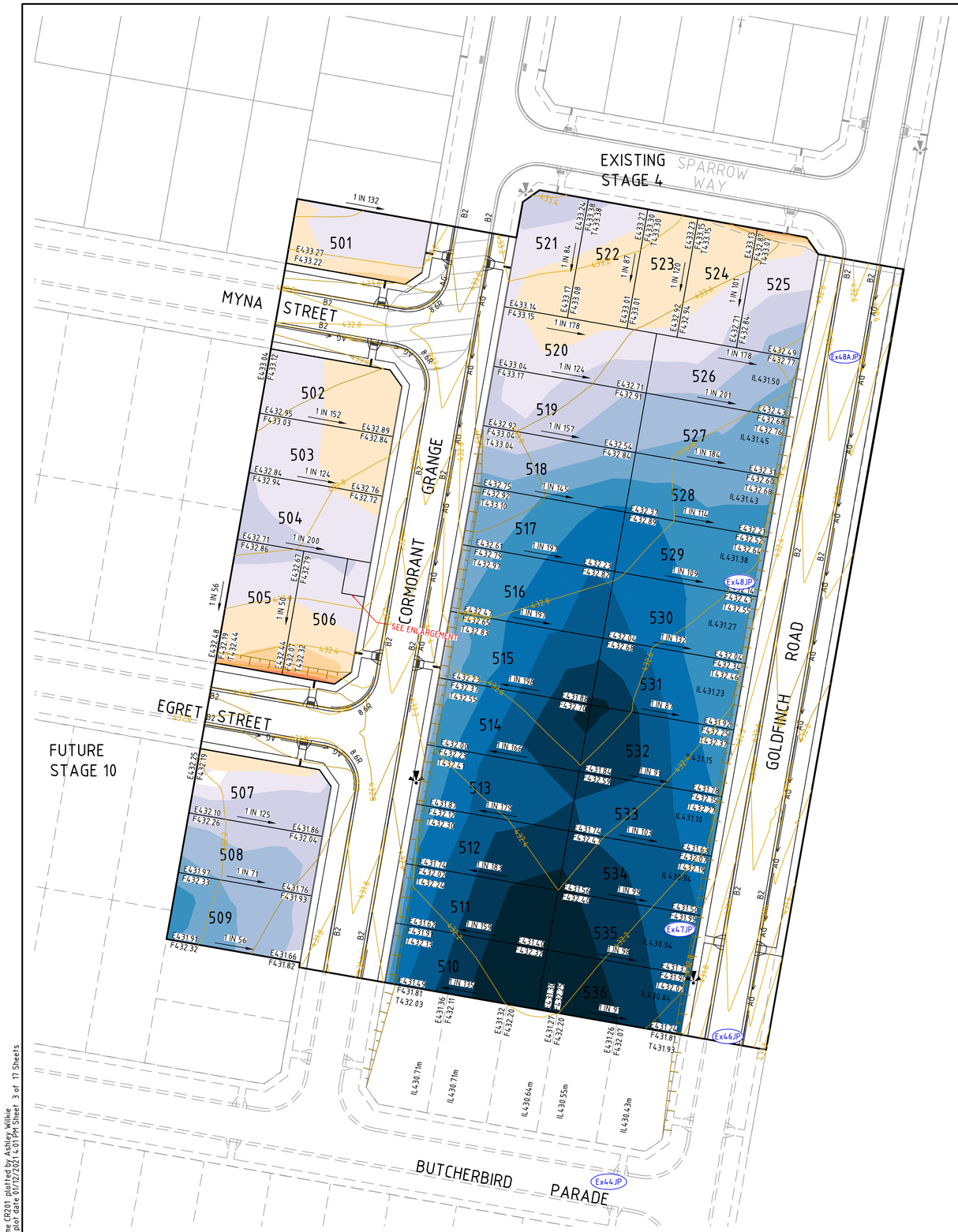
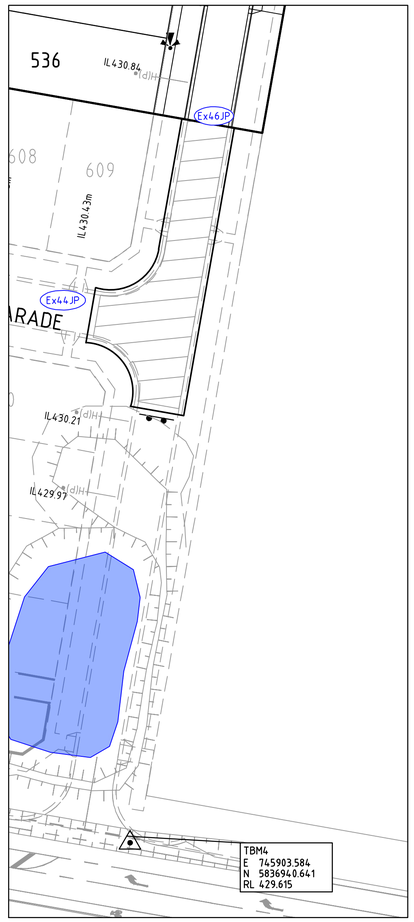
CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
ROAD LAYOUT PLANS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

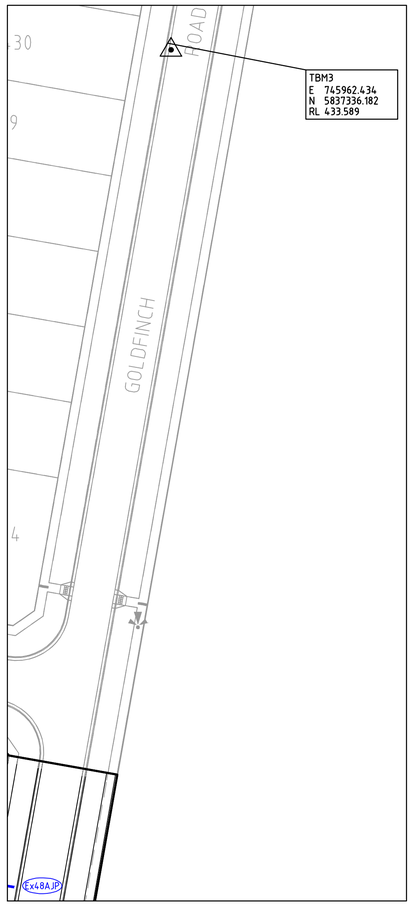
PRELIMINARY Drg No **309150CR200** Rev **B**

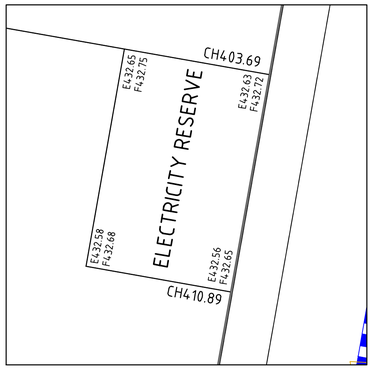
file name 309150CR200.dwg layout name CR200 plotted by Ashley Wilkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:01 PM Sheet 2 of 17 Sheets



DEPTH RANGES (100mm)		
FROM	TO	COLOUR
-	-0.80	
-0.80	-0.70	
-0.70	-0.60	
-0.60	-0.50	
-0.50	-0.40	
-0.40	-0.30	
-0.30	-0.20	
-0.20	-0.10	
-0.10	0.00	
0.00	0.10	
0.10	0.20	
0.20	0.30	
0.30	0.40	
0.40	0.50	
0.50	0.60	
0.60	0.70	
0.70	0.80	
0.80	+	







ENLARGEMENT

SCALE 1:100 @A1

APPROVED CITY OF BALLARAT

By D. Hastings at 3:41 pm, Dec 22, 2021

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TBM LOCATIONS

Point Number	Easting	Northing	RL	D
4	745903.584	5836940.641	429.615	STAR PICKET
3	745587.066	5837415.818	430.531	STAR PICKET

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
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SCALE @ A1
0 5 10 15 20 25

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CONROYS GREEN STAGE 5

ROAD AND DRAINAGE

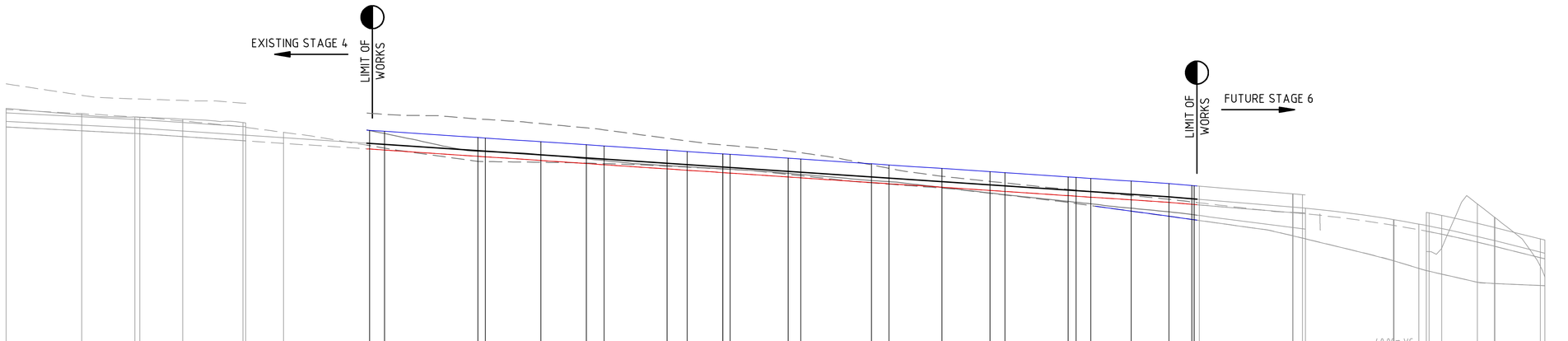
ROAD LAYOUT PLANS - SHEET 2

CITY OF BALLARAT

SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR201** Rev **A**

file name 309150CR200.dwg layout name CR201 plotted by Ashley Willkie
file location G:\309\309150\Civil\ACAD\ plot date 01/12/2021 4:01 PM Sheet 3 of 17 Sheets



DATUM RL 427.5

CHAINAGE	DESIGN CENTRELINE	LEFT DESIGN BOUNDARY	RIGHT DESIGN BOUNDARY	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	EX SURFACE LEFT BOUNDARY	EX SURFACE RIGHT BOUNDARY
265.000	433.088		433.255	432.977	432.977	433.343	433.343
280.000	433.013		433.180	432.902	432.902	433.214	433.214
290.511	432.961		433.128	432.849	432.849	433.177	433.177
291.509	432.954		433.121	432.842	432.842	433.173	433.173
300.000	432.897		433.065	432.786	432.786	433.095	433.133
311.963	432.818		432.985	432.706	432.706	432.974	433.064
312.511	432.814		432.981	432.702	432.702	432.967	433.058
320.000	432.764			432.652	432.652	432.870	
336.511	432.654		432.542		432.616		
337.063	432.650		432.911	432.539	432.539	432.606	432.906
340.000	432.631		432.891	432.519	432.519	432.558	432.846
358.511	432.567		432.768	432.396	432.396	432.294	432.494
360.000	432.497		432.758	432.386	432.386	432.291	432.489
371.011	432.424		432.684	432.312	432.312	432.278	432.428
380.000	432.364		432.625	432.252	432.252	432.261	432.345
383.511	432.341		432.601	432.229	432.229	432.250	432.310
396.011	432.257		432.518	432.146	432.146	432.201	432.212
400.000	432.231		432.491	432.119	432.119	432.180	432.189
407.060	432.184		432.444	432.072	432.072	432.144	432.147
407.078	432.184		432.444	432.072	432.072	432.144	432.147
408.511	432.174		432.434	432.062	432.062	432.136	432.139
420.000	432.097		432.358	431.986	431.986	432.037	432.058
422.511	432.081		432.341	431.969	431.969	432.010	432.038
436.511	431.987		432.248	431.876	431.876	431.870	431.916
440.000	431.964		432.225	431.852	431.852	431.844	431.893
450.511	431.894		432.154	431.782	431.782	431.766	431.779
460.000	431.831		432.091	431.719	431.719	431.663	431.668
462.992	431.811		432.071	431.699	431.699	431.628	431.634
475.492	431.727		431.988	431.616	431.616	431.480	431.502
477.065	431.717		431.977	431.605	431.605	431.458	431.486
480.000	431.697		431.958	431.586	431.586	431.418	431.455
487.993	431.644	431.309	431.905	431.532	431.532	431.309	431.367
495.511	431.594	431.207	431.854	431.482	431.482	431.207	431.295
500.000	431.557	431.145	431.817	431.445	431.445	431.145	431.241
500.493	431.552	431.138	431.813	431.441	431.441	431.138	431.235
501.500	431.544	431.124	431.805	431.432	431.432	431.124	431.222
520.000	431.390	430.822	431.650	431.278	431.278	430.822	430.984
520.103	431.389	430.820	431.649	431.277	431.277	430.820	430.983
521.950	431.373	430.775	431.633	431.261	431.261	430.775	430.959
522.538	431.368	430.761		431.256		430.761	
540.000	431.141	430.329		431.029		430.329	
540.103	431.139	430.325		431.027		430.326	
545.000	431.052	430.175		430.941		430.175	
546.493	431.024	430.130		430.912	430.912	430.130	430.511
547.037	431.014	430.118		430.902	430.902	430.118	430.506
549.537	430.963	430.061		430.852	430.852	430.061	430.513
556.623	430.807	429.901		431.067	431.067	429.901	431.452
560.000	430.725	429.875		430.985	430.985	429.875	431.189
560.103	430.722	429.875		430.983	430.611	429.875	431.181
569.123	430.497	429.836		430.757	430.385	430.210	430.836
570.000	430.475	429.832		430.735	430.363	430.003	430.832

GOLDFINCH ROAD

APPROVED CITY OF BALLARAT

By D. Hastings at 3:41 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:500 SCALE @ A1 V 1:50
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0 0.5 1 1.5 2 2.5

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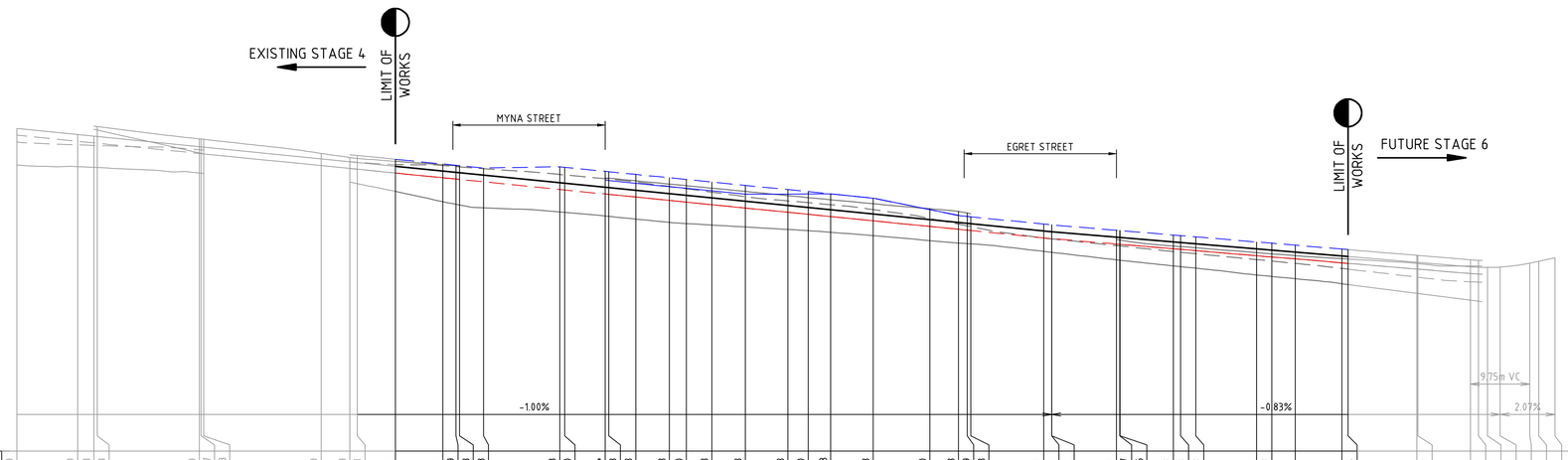
CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR300** Rev **A**

file name 309150CR300.dwg layout name CR300 plotted by Ashley Willis
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:01 PM Sheet 4 of 17 Sheets



VERTICAL GEOMETRY

DESIGN GRADELINE

DATUM RL 428.5

CHAINAGE	DESIGN CENTRELINE	LEFT DESIGN BOUNDARY	RIGHT DESIGN BOUNDARY	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	EX SURFACE LEFT BOUNDARY	EX SURFACE RIGHT BOUNDARY
270.000	433.800			433.688		433.577	433.199
280.000	433.700	433.355	432.942	433.588	433.171	433.529	433.201
282.685	433.673	433.361	432.898	433.561	433.158	433.520	433.184
283.235	433.668	433.373	432.843	433.556	433.831	433.518	433.171
300.000	433.500	433.388	432.815	433.388	433.397	433.450	433.627
300.285	433.497	433.385	432.773	433.385	433.390	433.447	433.624
300.685	433.493	433.381	432.718	433.381	433.381	433.444	433.619
320.000	433.300	433.188	432.603	433.188	433.188	433.243	433.389
324.685	433.253	433.141	432.658	433.141	433.141	433.243	433.321
325.935	433.241	433.129	432.700	433.129	433.129	433.305	433.305
332.190	433.178	433.293	432.728	433.066	433.066	433.205	433.259
340.000	433.100	433.215	432.783	432.988	432.988	433.189	433.201
342.135	433.079	433.193	432.828	432.967	432.967	433.171	433.184
342.735	433.073	433.187	432.834	432.961	432.961	433.166	432.543
346.685	433.033	433.148	432.908	432.921		433.136	432.494
359.185	432.908	433.169	432.989	432.796		433.043	432.428
360.000	432.900	433.160	432.960	432.788		433.035	432.421
366.635	432.834	433.094	432.700	432.722		432.973	432.361
367.235	432.828	433.088	432.658	432.716	432.716	432.967	432.982
371.685	432.783	433.044	432.603	432.671	432.671	432.919	432.939
377.185	432.728	432.989	432.864	432.616	432.616	432.846	432.885
380.000	432.700	432.960	432.794	432.588	432.588	432.809	432.858
384.185	432.658	432.919	432.760	432.546	432.546	432.753	432.818
389.685	432.603	432.864	432.724	432.491	432.491	432.679	432.764
396.685	432.533	432.794	432.654	432.421	432.421	432.608	432.695
400.000	432.500	432.760	432.654	432.388	432.388	432.579	432.663
403.685	432.463	432.724	432.654	432.351	432.351	432.547	432.628
410.685	432.393	432.654	432.654	432.281	432.281	432.466	432.562
420.000	432.300	432.463	432.466	432.188	432.188	432.320	432.480
424.685	432.253	432.368	432.371	432.141	432.141	432.226	432.437
426.335	432.239	432.353	432.353	432.127	432.127	432.197	432.408
426.735	432.233	432.347		432.121		432.185	431.902
438.685	432.113	432.228		432.001		431.999	431.779
440.000	432.100	432.215		431.988		431.986	431.764
440.013	432.100	432.214		431.988		431.985	431.764
450.635	432.011	432.126		431.900	431.900	431.874	431.640
451.185	432.007	432.121		431.895	431.895	431.869	431.965
451.235	432.006	432.121		431.895	431.895	431.868	431.964
460.000	431.933	432.048	432.654	431.822	431.822	431.776	431.867
461.185	431.923	432.038	432.466	431.812	431.812	431.765	431.858
463.685	431.903	432.017	432.463	431.791	431.791	431.741	431.838
473.685	431.819	431.934	432.253	431.708	431.708	431.643	431.759
476.185	431.798	431.913	432.239	431.687	431.687	431.619	431.739
480.000	431.767	431.881	432.233	431.655	431.655	431.582	431.709
487.685	431.703	431.877	432.228	431.591	431.591	431.499	431.660
488.685	431.694	431.809	432.227	431.583	431.583	431.487	431.654
500.000	431.600	431.775	432.113	431.488	431.488	431.356	431.580
500.185	431.598	431.773	432.100	431.487	431.487	431.354	431.578
508.800	431.527	431.641	432.011	431.415	431.415	431.281	431.537
510.135	431.518	431.633	432.007	431.407	431.407	431.276	431.537
511.600	431.515		432.006				431.537
513.675	431.521		431.933				
516.549	431.587		431.923				
520.000	431.617		431.903				
522.685	431.672						

CORMORANT GRANGE

APPROVED CITY OF BALLARAT

By D. Hastings at 3:41 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:500 0 5 10 15 20 25
SCALE @ A1
V 1:50 0 0.5 1 1.5 2 2.5

ISO 9001 certified ISO 45001 certified ISO 14001 certified
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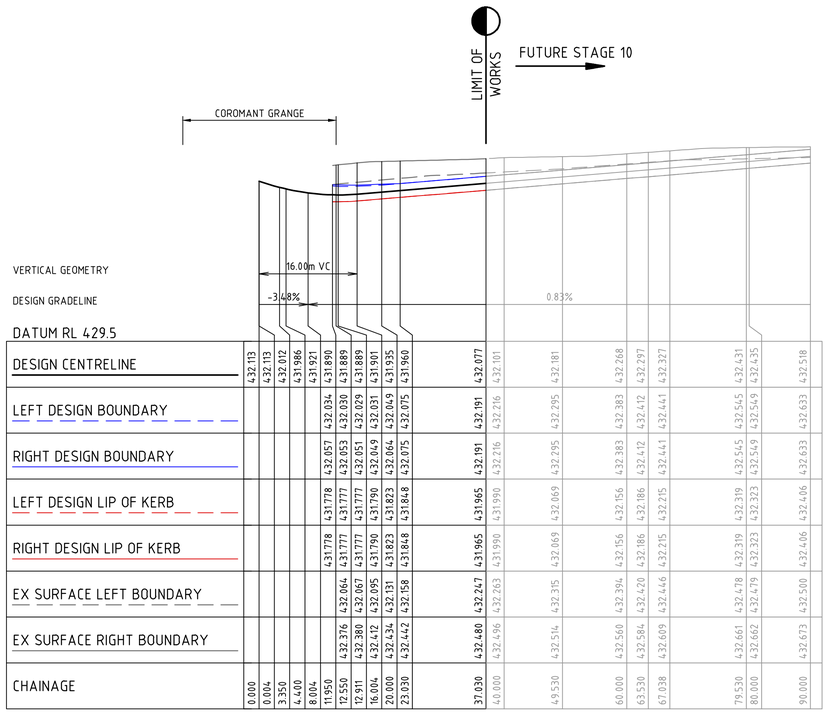
Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 2
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

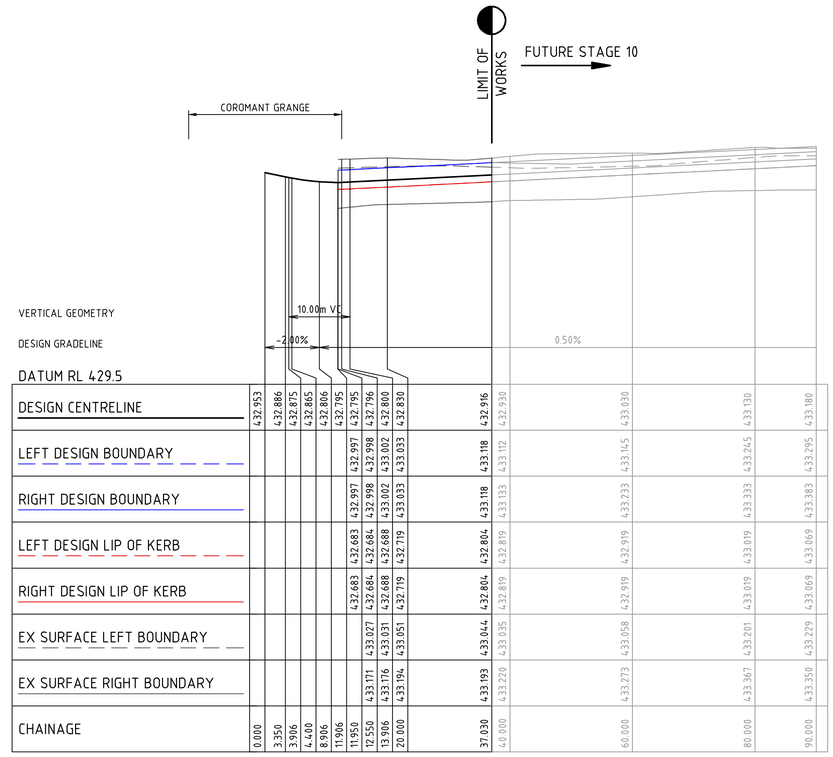
PRELIMINARY Drg No **309150CR301** Rev **A**

file name 309150CR300.dwg layout name CR301 plotted by Ashley Willkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:01 PM Sheet 5 of 17 Sheets



CHAINAGE	DESIGN CENTRELINE	LEFT DESIGN BOUNDARY	RIGHT DESIGN BOUNDARY	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	EX SURFACE LEFT BOUNDARY	EX SURFACE RIGHT BOUNDARY
0.000	432.113						
0.004	432.113						
3.350	432.012						
4.400	431.986						
8.004	431.921						
11.950	431.890	432.034	432.057	431.778	431.778		
12.550	431.889	432.030	432.053	431.777	431.777	432.064	432.376
12.911	431.889	432.029	432.051	431.777	431.777	432.067	432.380
16.004	431.901	432.031	432.049	431.790	431.790	432.095	432.412
20.000	431.935	432.049	432.064	431.823	431.823	432.131	432.434
23.030	431.960	432.075	432.075	431.848	431.848	432.158	432.442
37.030	432.077	432.191	432.191	431.965	431.965	432.247	432.480
40.000	432.101	432.216	432.216	431.990	431.990	432.263	432.496
49.530	432.181	432.295	432.295	432.069	432.069	432.315	432.514
60.000	432.268	432.383	432.383	432.156	432.156	432.394	432.560
63.530	432.297	432.412	432.412	432.186	432.186	432.420	432.584
67.038	432.327	432.441	432.441	432.215	432.215	432.446	432.609
79.530	432.431	432.545	432.545	432.319	432.319	432.478	432.661
80.000	432.435	432.549	432.549	432.323	432.323	432.479	432.662
90.000	432.518	432.633	432.633	432.406	432.406	432.500	432.673

EGRET STREET



CHAINAGE	DESIGN CENTRELINE	LEFT DESIGN BOUNDARY	RIGHT DESIGN BOUNDARY	LEFT DESIGN LIP OF KERB	RIGHT DESIGN LIP OF KERB	EX SURFACE LEFT BOUNDARY	EX SURFACE RIGHT BOUNDARY
0.000	432.953						
3.350	432.886						
3.906	432.875						
4.400	432.865						
8.906	432.806						
11.906	432.795						
11.950	432.795	432.997	432.997	432.683	432.683		
12.550	432.796	432.998	432.998	432.684	432.684	433.027	433.171
13.906	432.800	433.002	433.002	432.688	432.688	433.031	433.176
20.000	432.830	433.033	433.033	432.719	432.719	433.051	433.194
37.030	432.916	433.118	433.118	432.804	432.804	433.044	433.193
40.000	432.930	433.112	433.133	432.819	432.819	433.035	433.220
60.000	433.030	433.145	433.233	432.919	432.919	433.058	433.273
80.000	433.130	433.245	433.333	433.019	433.019	433.201	433.367
90.000	433.180	433.295	433.383	433.069	433.069	433.229	433.350

MYNA STREET

APPROVED CITY OF BALLARAT
By D. Hastings at 3:41 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:500 SCALE @ A1 V 1:50
0 5 10 15 20 25
0 0.5 1 1.5 2 2.5

System Certified

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

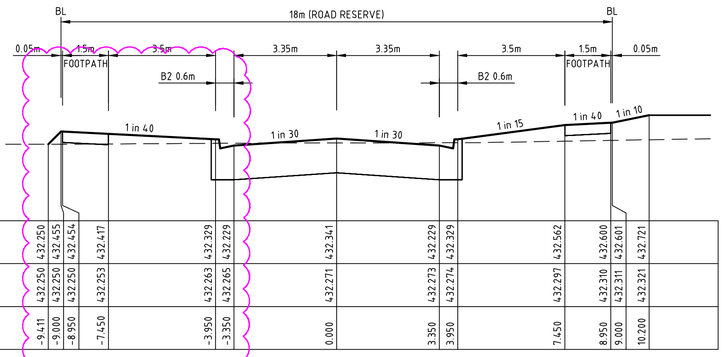
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
ROAD LONG SECTIONS - SHEET 3
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR302** Rev **A**

file name 309150CR300.dwg layout name CR302 plotted by Ashley Willkie
file location G:\309\309150\Civil\ACAD plot date 6/12/2021 4:01 PM Sheet 6 of 17 Sheets

FILLING NOTE

ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

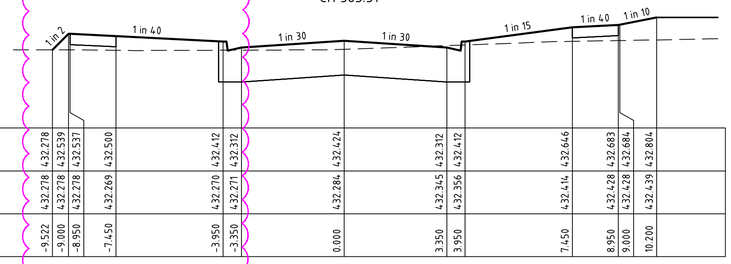


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.250	432.250	432.455	432.454	432.417	432.329	432.229	432.341	432.229	432.329	432.562	432.600	432.601	432.721
EXISTING SURFACE LEVEL	432.250	432.250	432.250	432.253	432.263	432.265	432.271	432.273	432.274	432.297	432.310	432.311	432.321
OFFSET	-9.411	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 383.51

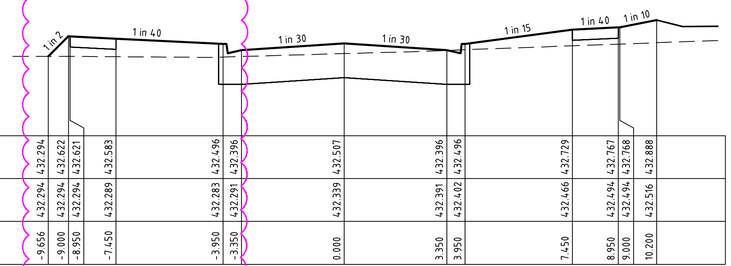


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.278	432.278	432.539	432.537	432.500	432.412	432.312	432.424	432.312	432.412	432.646	432.683	432.684	432.804
EXISTING SURFACE LEVEL	432.278	432.278	432.278	432.269	432.270	432.271	432.284	432.345	432.356	432.414	432.428	432.428	432.439
OFFSET	-9.522	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 371.01

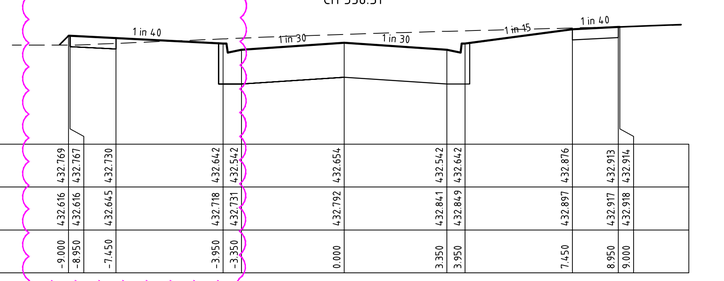


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.294	432.294	432.622	432.621	432.583	432.496	432.396	432.507	432.396	432.496	432.729	432.767	432.768	432.888
EXISTING SURFACE LEVEL	432.294	432.294	432.294	432.289	432.283	432.291	432.339	432.391	432.402	432.466	432.494	432.494	432.516
OFFSET	-9.656	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 358.51

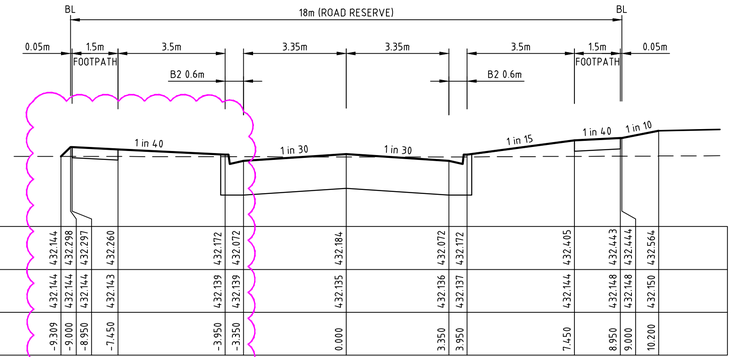


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.769	432.767	432.730	432.642	432.542	432.654	432.542	432.642	432.876	432.913	432.914
EXISTING SURFACE LEVEL	432.616	432.616	432.645	432.718	432.731	432.792	432.841	432.849	432.897	432.917	432.918
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000

GOLDFINCH ROAD

CH 336.51

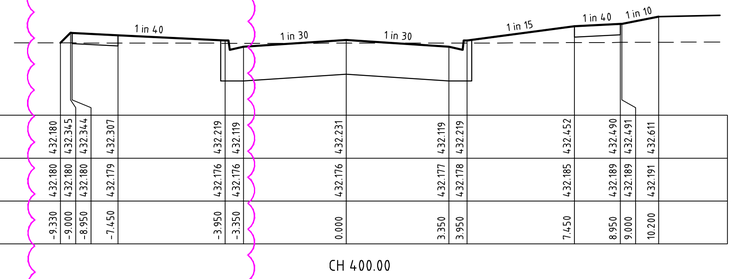


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.144	432.144	432.298	432.297	432.260	432.172	432.072	432.184	432.072	432.172	432.405	432.443	432.444	432.564
EXISTING SURFACE LEVEL	432.144	432.144	432.144	432.143	432.139	432.139	432.135	432.136	432.137	432.144	432.148	432.148	432.150
OFFSET	-9.309	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 407.06

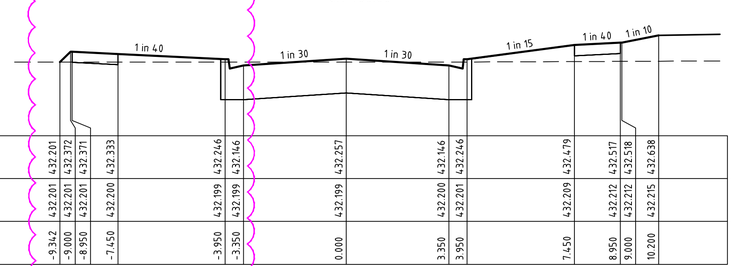


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.180	432.180	432.345	432.344	432.307	432.219	432.119	432.231	432.119	432.219	432.452	432.490	432.491	432.611
EXISTING SURFACE LEVEL	432.180	432.180	432.180	432.179	432.176	432.176	432.176	432.177	432.178	432.185	432.189	432.189	432.191
OFFSET	-9.330	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 400.00

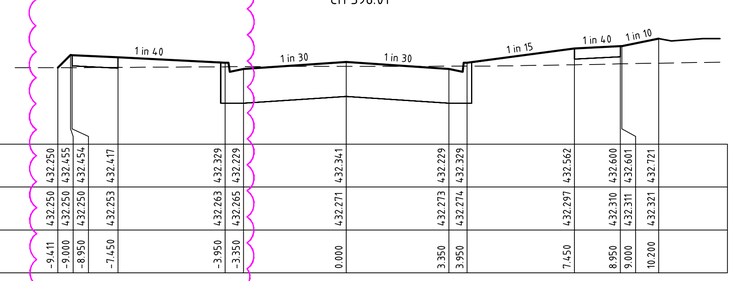


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.201	432.201	432.372	432.371	432.333	432.246	432.146	432.257	432.146	432.246	432.479	432.517	432.518	432.638
EXISTING SURFACE LEVEL	432.201	432.201	432.201	432.200	432.199	432.199	432.199	432.200	432.201	432.209	432.212	432.212	432.215
OFFSET	-9.342	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 396.01



DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.250	432.250	432.455	432.454	432.417	432.329	432.229	432.341	432.229	432.329	432.562	432.600	432.601	432.721
EXISTING SURFACE LEVEL	432.250	432.250	432.250	432.253	432.263	432.265	432.271	432.273	432.274	432.297	432.310	432.311	432.321
OFFSET	-9.411	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 383.51

APPROVED CITY OF BALLARAT

By D. Hastings at 3:41 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
B	ADDED FOOTPATH ALONG GOLDFINCH RD	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:100 SCALE @ A1 0 1 2 3 4 5
V 1:50 0 0.5 1 1.5 2 2.5

dlcs ISO 9001 certified ISO 45001 certified ISO 14001 certified
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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

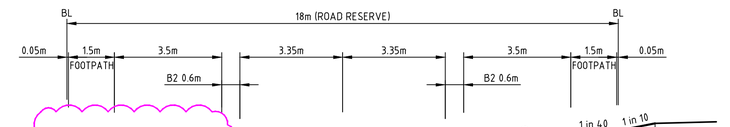
CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR400** Rev **B**

file name 309150CR0.00.dwg layout name CR0.00 plotted by Ashley Willkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 7 of 17 Sheets

FILLING NOTE

ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

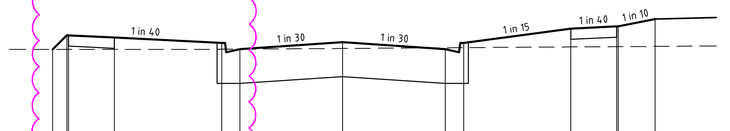


DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.766	431.766	432.009	432.007	431.970	431.882	431.782	431.894	431.782	431.882	432.116	432.153	432.154	432.274
EXISTING SURFACE LEVEL	431.766	431.766	431.766	431.769	431.774	431.774	431.774	431.775	431.777	431.777	431.778	431.779	431.779	431.780
OFFSET	-9.485	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 450.51

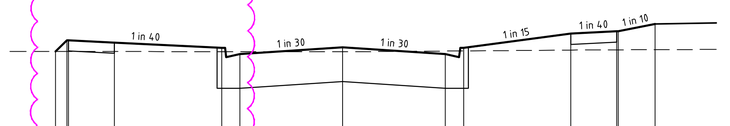


DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.870	431.870	432.102	432.101	432.063	431.976	431.876	431.987	431.876	431.976	432.209	432.247	432.248	432.368
EXISTING SURFACE LEVEL	431.870	431.870	431.870	431.870	431.870	431.873	431.875	431.886	431.897	431.899	431.911	431.916	431.916	431.920
OFFSET	-9.464	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 436.51

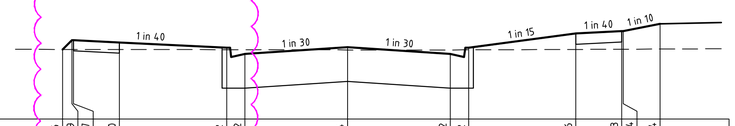


DATUM R.L.430.0

DESIGN SURFACE LEVEL	432.010	432.010	432.195	432.194	432.157	432.069	431.969	432.081	431.969	432.069	432.302	432.340	432.341	432.461
EXISTING SURFACE LEVEL	432.010	432.010	432.010	432.010	432.010	432.008	432.008	432.006	432.018	432.020	432.034	432.038	432.038	432.041
OFFSET	-9.370	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 422.51

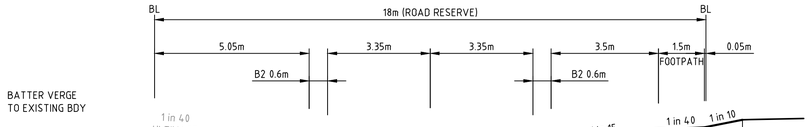


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.136	432.136	432.289	432.287	432.250	432.162	432.062	432.174	432.062	432.162	432.396	432.433	432.434	432.554
EXISTING SURFACE LEVEL	432.136	432.136	432.136	432.135	432.132	432.131	432.131	432.128	432.127	432.128	432.136	432.139	432.139	432.142
OFFSET	-9.305	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 408.51

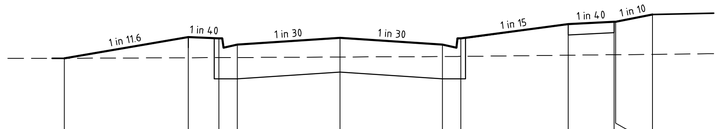


DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.138	431.138	431.566	431.541	431.441	431.552	431.441	431.541	431.774	431.812	431.813	431.933
EXISTING SURFACE LEVEL	431.138	431.160	431.165	431.168	431.186	431.204	431.207	431.227	431.235	431.235	431.242
OFFSET	-9.000	-4.950	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 500.49

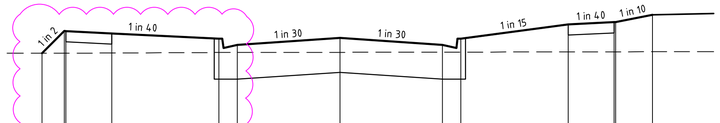


DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.309	431.309	431.657	431.632	431.532	431.644	431.532	431.632	431.866	431.903	431.905	432.025
EXISTING SURFACE LEVEL	431.309	431.318	431.320	431.322	431.329	431.337	431.340	431.359	431.367	431.367	431.374
OFFSET	-9.000	-4.950	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 487.99

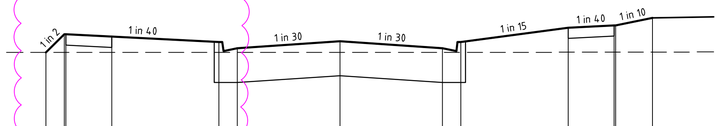


DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.480	431.842	431.841	431.803	431.716	431.616	431.727	431.616	431.716	431.949	431.987	431.988	432.108
EXISTING SURFACE LEVEL	431.480	431.480	431.480	431.483	431.491	431.491	431.494	431.497	431.498	431.501	431.502	431.502	431.503
OFFSET	-9.724	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 475.49



DATUM R.L.430.0

DESIGN SURFACE LEVEL	431.628	431.628	431.925	431.924	431.887	431.799	431.699	431.811	431.699	431.799	432.032	432.070	432.071	432.191
EXISTING SURFACE LEVEL	431.628	431.628	431.628	431.628	431.628	431.628	431.630	431.629	431.630	431.631	431.633	431.634	431.634	431.635
OFFSET	-9.594	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	0.000	3.350	3.950	7.450	8.950	9.000	10.200

GOLDFINCH ROAD

CH 462.99

APPROVED CITY OF BALLARAT

By D. Hastings at 3:44 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
B	ADDED FOOTPATH ALONG GOLDFINCH RD	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	21/09/21

Scale
H 1:100 0 1 2 3 4 5
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V 1:50 0 0.5 1 1.5 2 2.5

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

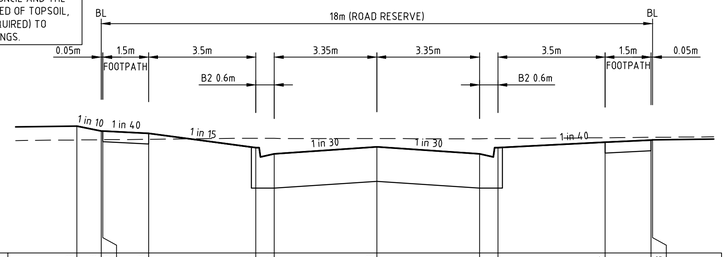
CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 2
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR401** Rev **B**

file name 309150CR401 dwg layout name CR401 plotted by Ashley Willie
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 8 of 17 Sheets

FILLING NOTE

ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.

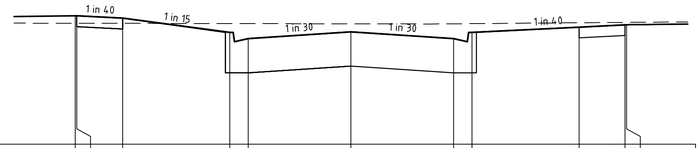


DATUM R.L.431.0

DESIGN SURFACE LEVEL	433.068	432.989	432.987	432.950	432.716	432.616	432.728	432.616	432.716	432.804	432.841	432.843	
EXISTING SURFACE LEVEL	432.842	432.846	432.846	432.854	432.868	432.867	432.864	432.862	432.865	432.879	432.885	432.885	
OFFSET	-9.792	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 377.19

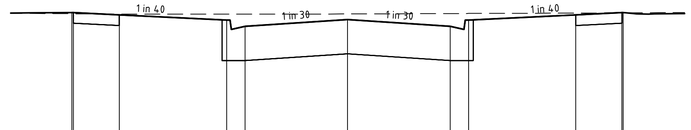


DATUM R.L.431.0

DESIGN SURFACE LEVEL	433.094	433.093	433.055	432.822	432.722	432.834	432.722	432.822	432.909	432.947	432.948		
EXISTING SURFACE LEVEL	432.973	432.973	432.971	432.968	432.967	432.964	432.964	432.967	432.981	432.987	432.987		
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000		

CORMORANT GRANGE

CH 366.63

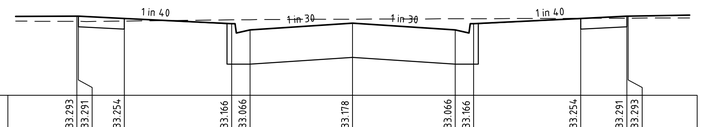


DATUM R.L.431.0

DESIGN SURFACE LEVEL	433.187	433.186	433.148	433.061	432.961	433.073	432.961	433.061	433.148	433.186	433.187		
EXISTING SURFACE LEVEL	433.166	433.166	433.161	433.159	433.159	433.163	433.169	433.170	433.177	433.180	433.180		
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000		

CORMORANT GRANGE

CH 342.74

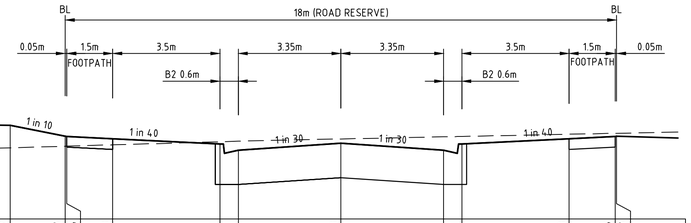


DATUM R.L.432.0

DESIGN SURFACE LEVEL	433.293	433.291	433.254	433.166	433.066	433.178	433.066	433.166	433.254	433.291	433.293		
EXISTING SURFACE LEVEL	433.205	433.205	433.211	433.230	433.233	433.242	433.248	433.249	433.256	433.259	433.259		
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000		

CORMORANT GRANGE

CH 332.19

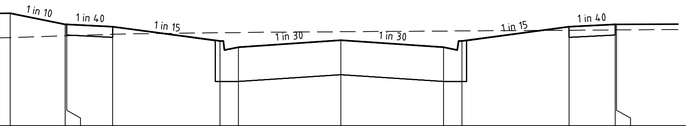


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.527	432.347	432.346	432.308	432.221	432.121	432.233	432.121	432.221	432.308	432.346	432.347	
EXISTING SURFACE LEVEL	432.159	432.185	432.186	432.208	432.258	432.266	432.304	432.339	432.345	432.381	432.396	432.397	
OFFSET	-10.800	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 426.74

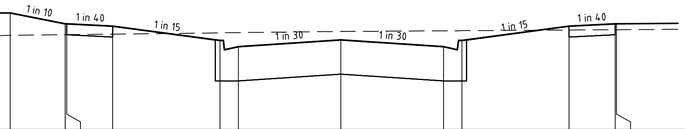


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.834	432.654	432.652	432.615	432.381	432.281	432.393	432.281	432.381	432.615	432.652	432.654	
EXISTING SURFACE LEVEL	432.438	432.466	432.467	432.490	432.516	432.519	432.533	432.544	432.546	432.557	432.562	432.562	
OFFSET	-10.800	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 410.69

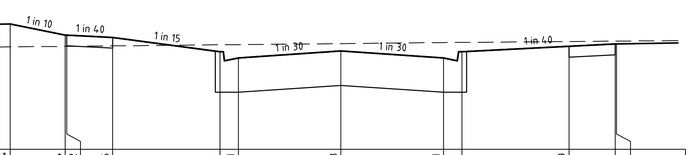


DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.904	432.724	432.722	432.685	432.451	432.351	432.463	432.351	432.451	432.685	432.722	432.724	
EXISTING SURFACE LEVEL	432.536	432.547	432.547	432.556	432.577	432.580	432.599	432.610	432.612	432.623	432.628	432.628	
OFFSET	-10.800	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 403.69



DATUM R.L.431.0

DESIGN SURFACE LEVEL	433.044	432.864	432.862	432.825	432.591	432.491	432.603	432.491	432.591	432.679	432.716	432.718	
EXISTING SURFACE LEVEL	432.671	432.679	432.680	432.687	432.704	432.707	432.724	432.741	432.744	432.758	432.764	432.764	
OFFSET	-10.800	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 389.69

APPROVED CITY OF BALLARAT

By D. Hastings at 3:44 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	21/09/21

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

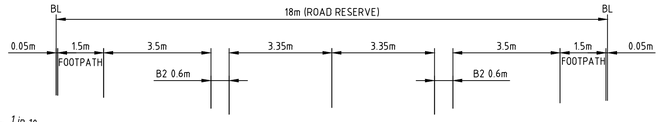
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 3
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

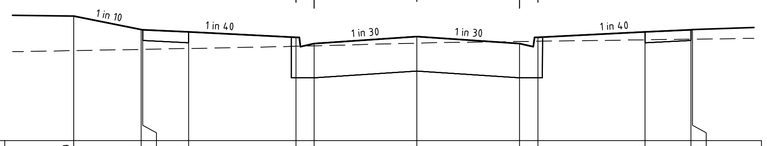
PRELIMINARY Drg No **309150CR402** Rev **A**

file name 309150CR402.dwg layout name CR402 plotted by Ashley Willis
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 9 of 17 Sheets

FILLING NOTE

ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.



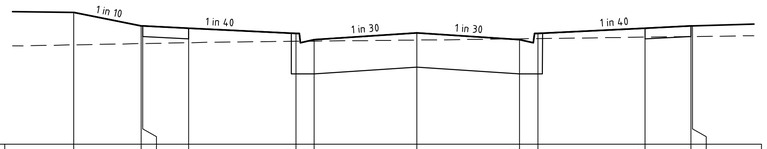


DATUM R.L.430.0

DESIGN SURFACE LEVEL	432.029	431.809	431.808	431.770	431.683	431.583	431.694	431.583	431.683	431.770	431.808	431.809	
EXISTING SURFACE LEVEL	431.467	431.487	431.488	431.502	431.538	431.545	431.589	431.615	431.619	431.643	431.653	431.654	
OFFSET	-11.200	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 488.69

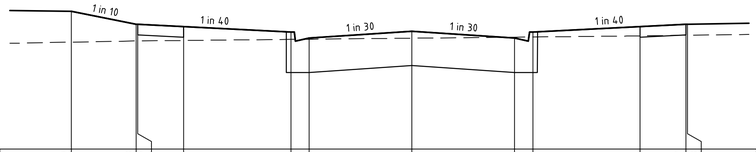


DATUM R.L.430.0

DESIGN SURFACE LEVEL	432.154	431.934	431.933	431.895	431.808	431.708	431.819	431.708	431.808	431.895	431.933	431.934	
EXISTING SURFACE LEVEL	431.623	431.643	431.644	431.658	431.681	431.684	431.701	431.722	431.726	431.749	431.758	431.759	
OFFSET	-11.200	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 473.69

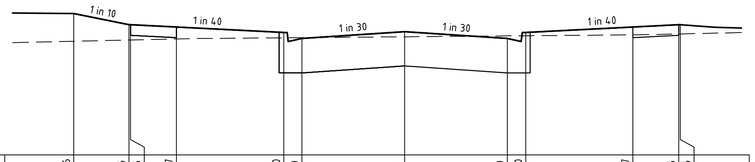


DATUM R.L.430.0

DESIGN SURFACE LEVEL	432.250	432.038	432.037	431.999	431.912	431.812	431.923	431.812	431.912	431.999	432.037	432.038	
EXISTING SURFACE LEVEL	431.745	431.765	431.765	431.773	431.790	431.793	431.810	431.827	431.830	431.848	431.858	431.858	
OFFSET	-11.120	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 461.19



DATUM R.L.430.0

DESIGN SURFACE LEVEL	432.306	432.126	432.125	432.087	432.000	431.900	432.011	431.900	432.000	432.087	432.125	432.126	
EXISTING SURFACE LEVEL	431.854	431.874	431.875	431.892	431.911	431.914	431.928	431.942	431.944	431.959	431.974	431.975	
OFFSET	-10.800	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	

CORMORANT GRANGE

CH 450.64

APPROVED CITY OF BALLARAT

By D. Hastings at 3:44 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	21/09/21

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

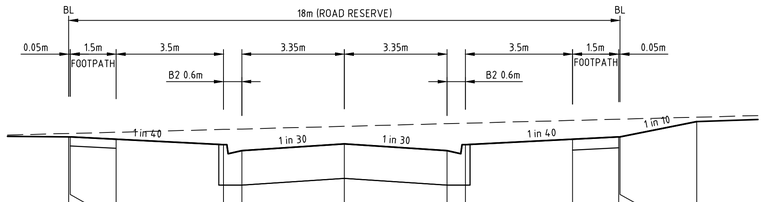
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 4
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR403** Rev **A**

file name 309150GRL00.dwg layout name GRL03 plotted by Ashley Willis
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 10 of 17 Sheets

FILLING NOTE

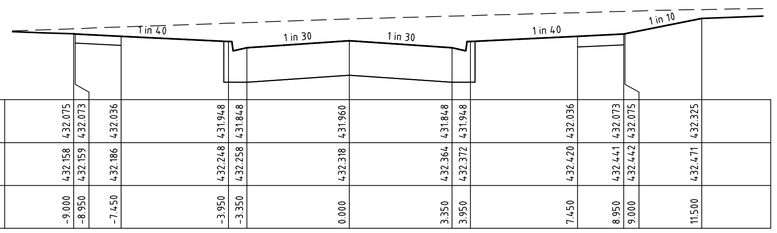
ALL FILLING WITHIN ROAD RESERVES IS TO BE UNDERTAKEN USING LEVEL 1 SUPERVISION AND BE COMPLETED IN ACCORDANCE WITH AS 3798-2007 AND TO THE SATISFACTION OF COUNCIL AND THE SUPERINTENDENT. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED AND REPLACED WITH TOPSOIL (WHERE REQUIRED) TO OBTAIN THE FINAL LEVELS SHOWN ON THE DRAWINGS.



DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.191	432.190	432.152	432.065	431.965	432.077	431.965	432.065	432.152	432.190	432.191	432.441	
EXISTING SURFACE LEVEL	432.247	432.248	432.267	432.312	432.320	432.364	432.407	432.415	432.460	432.480	432.480	432.513	
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	11.500	

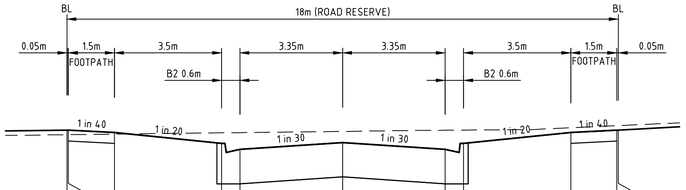
EGRET STREET CH 37.03



DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.075	432.073	432.036	431.948	431.848	431.960	431.848	431.948	432.036	432.073	432.075	432.325	
EXISTING SURFACE LEVEL	432.158	432.159	432.186	432.248	432.258	432.318	432.364	432.372	432.420	432.441	432.442	432.471	
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	11.500	

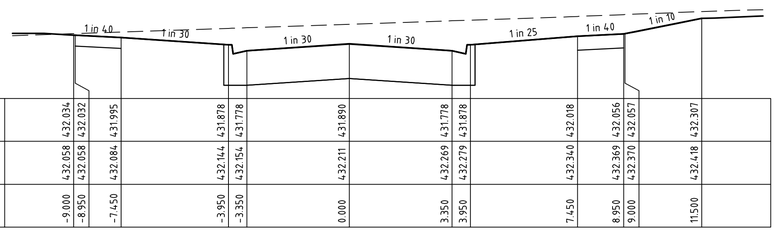
EGRET STREET CH 23.03



DATUM R.L.432.0

DESIGN SURFACE LEVEL	433.118	433.116	433.079	432.904	432.804	432.916	432.804	432.904	433.079	433.116	433.118		
EXISTING SURFACE LEVEL	433.044	433.044	433.054	433.075	433.078	433.099	433.117	433.119	433.157	433.192	433.193		
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000		

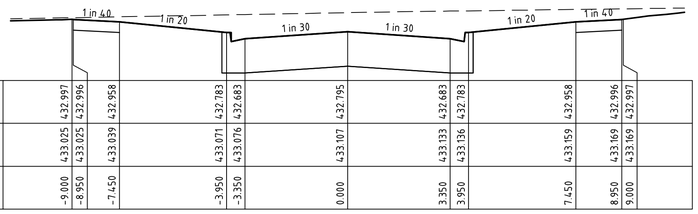
MYNA STREET CH 37.03



DATUM R.L.431.0

DESIGN SURFACE LEVEL	432.034	432.032	431.995	431.878	431.778	431.890	431.778	431.878	432.018	432.056	432.057	432.307	
EXISTING SURFACE LEVEL	432.058	432.058	432.084	432.144	432.154	432.211	432.269	432.279	432.340	432.369	432.370	432.418	
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000	11.500	

EGRET STREET CH 11.95



DATUM R.L.432.0

DESIGN SURFACE LEVEL	432.997	432.996	432.958	432.783	432.683	432.795	432.683	432.783	432.958	432.996	432.997		
EXISTING SURFACE LEVEL	433.025	433.025	433.039	433.071	433.076	433.107	433.133	433.136	433.159	433.169	433.169		
OFFSET	-9.000	-8.950	-7.450	-3.950	-3.350	0.000	3.350	3.950	7.450	8.950	9.000		

MYNA STREET CH 11.95

APPROVED CITY OF BALLARAT
By D. Hastings at 3:45 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	21/09/21

Scale
H 1:100 0 1 2 3 4 5
SCALE @ A1
V 1:50 0 0.5 1 1.5 2 2.5

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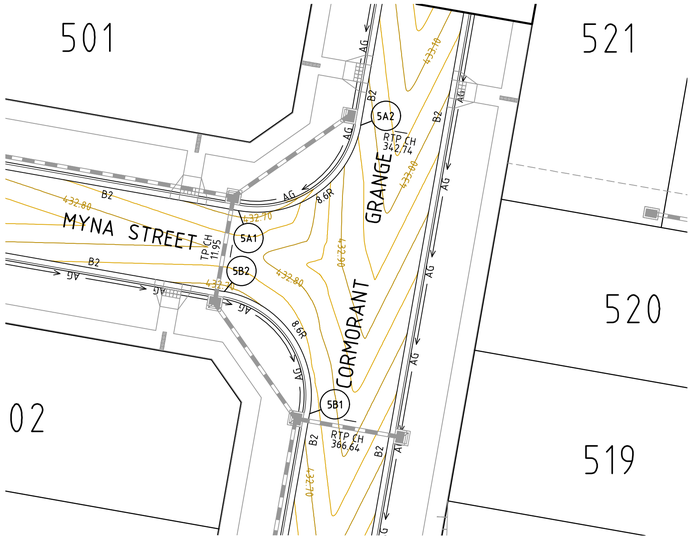
Authorised J.DOHERTY
Date

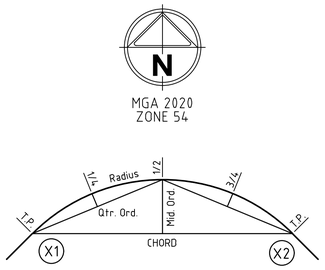
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
ROAD CROSS SECTIONS - SHEET 5
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR404** Rev **A**

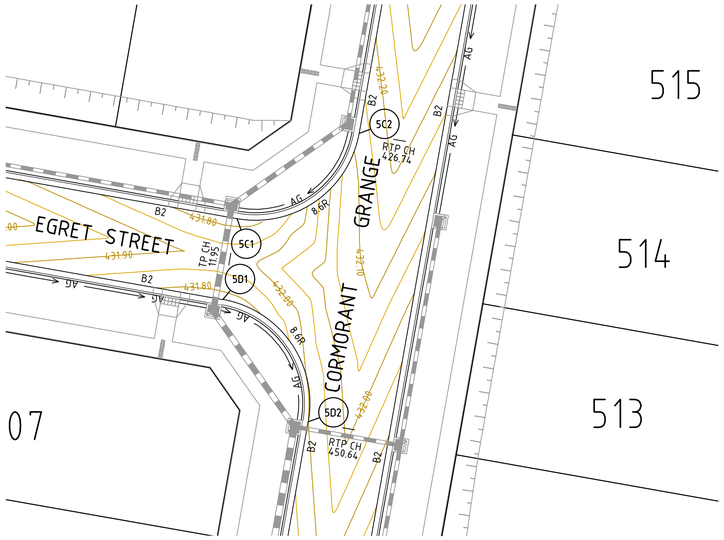
file name 309150CR404.dwg layout name CR404 plotted by Ashley Wilkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 11 of 17 Sheets



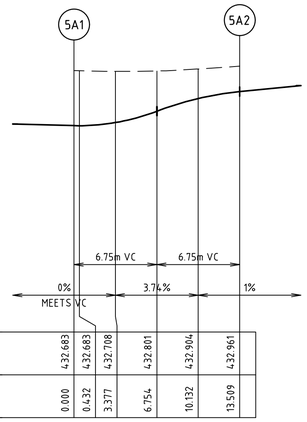
CORMORANT GRANGE AND MYNA STREET
KERB RETURN



KERB RETURN SETOUT DETAIL



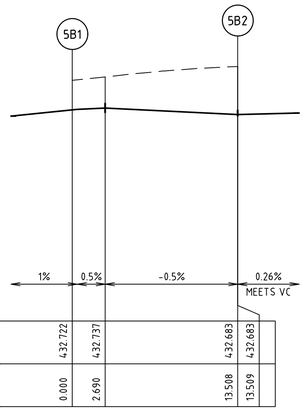
CORMORANT GRANGE AND EGRET STREET
KERB RETURN



DATUM RL 431.0

DESIGN LEVEL	432.683	432.683	432.708	432.801	432.904	432.961
CHAINAGE	0.000	0.432	3.377	6.754	10.132	13.509

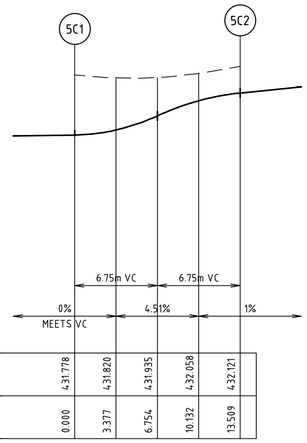
ALIGNMENT 5A



DATUM RL 431.0

DESIGN LEVEL	432.722	432.737	432.683	432.683
CHAINAGE	0.000	2.690	13.508	13.509

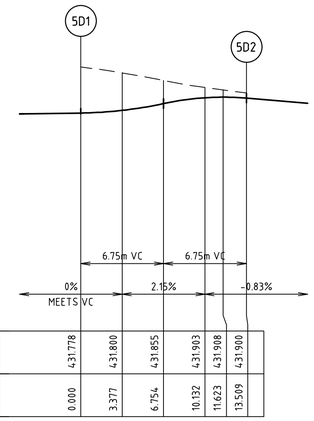
ALIGNMENT 5B



DATUM RL 430.0

DESIGN LEVEL	431.778	431.820	431.935	432.058	432.121
CHAINAGE	0.000	3.377	6.754	10.132	13.509

ALIGNMENT 5C



DATUM RL 430.0

DESIGN LEVEL	431.778	431.800	431.855	431.903	431.908	431.900
CHAINAGE	0.000	3.377	6.754	10.132	11.623	13.509

ALIGNMENT 5D

ALIGNMENT 5A

POINT NO	EASTING	NORTHING	RL	CHAINAGE
5A1	745849.603	5837209.280	432.683	0.000
¼	745852.958	5837209.352	432.708	3.377
½	745856.030	5837210.702	432.801	6.754
¾	745858.351	5837213.125	432.904	10.132
5A2	745859.568	5837216.252	432.961	13.509

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
5A1-5A2	8.600	13.509	12.162	2.519	0.655

ALIGNMENT 5B

POINT NO	EASTING	NORTHING	RL	CHAINAGE
5B1	745855.409	5837192.717	432.722	0.000
¼	745855.337	5837196.071	432.734	3.377
½	745853.987	5837199.143	432.717	6.754
¾	745851.564	5837201.465	432.700	10.132
5B2	745848.437	5837202.682	432.683	13.509

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
5B1-5B2	8.600	13.509	12.162	2.519	0.655

ALIGNMENT 5C

POINT NO	EASTING	NORTHING	RL	CHAINAGE
5C1	745834.984	5837126.562	431.778	0.000
¼	745838.339	5837126.633	431.820	3.377
½	745841.411	5837127.984	431.935	6.754
¾	745843.732	5837130.407	432.058	10.132
5C2	745844.950	5837133.534	432.121	13.509

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
5C1-5C2	8.600	13.509	12.162	2.519	0.655

ALIGNMENT 5D

POINT NO	EASTING	NORTHING	RL	CHAINAGE
5D1	745833.818	5837119.964	431.778	0.000
¼	745836.945	5837118.746	431.800	3.377
½	745839.368	5837116.425	431.855	6.754
¾	745840.719	5837113.353	431.903	10.132
5D2	745840.791	5837109.998	431.900	13.509

CURVE	RADIUS	ARC L	CHORD	MID ORD	QTR ORD
5D1-5D2	8.600	13.509	12.162	2.519	0.655

APPROVED CITY OF BALLARAT
By D. Hastings at 3:45 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
DETAIL PLAN
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LIP PROFILE
H 1:250 SCALE @ A1 — 0 2.5 5 7.5 10 12.5
V 1:25 — 0 0.25 0.50 0.75 1.00 1.25

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Date

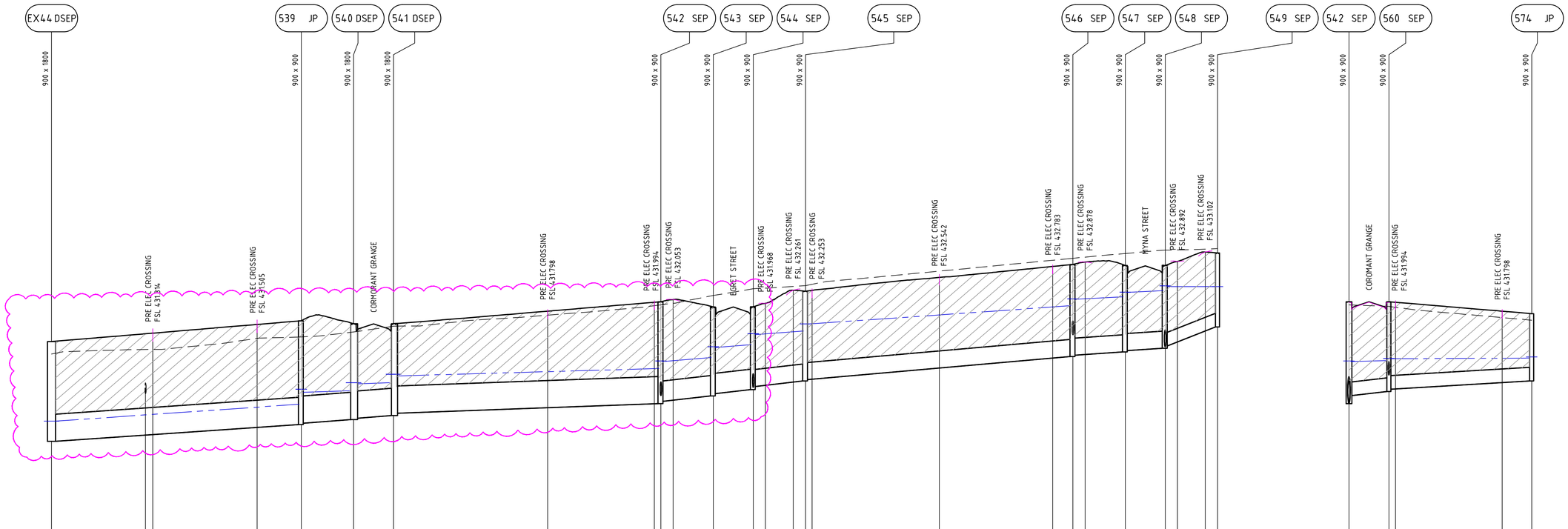
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
INTERSECTION DETAILS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR500** Rev **A**

file name 309150CR500.dwg layout name CR500 plotted by Ashley Wilkie
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 12 of 17 Sheets

CRUSHED ROCK BACKFILL

APPROVED CITY OF BALLARAT
By D. Hastings at 3:45 pm, Dec 22, 2021



Rev	Amendments	Approved	Date
B	DRAINAGE AMENDED AS PER COUNCIL COMMENTS 25/11/21	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
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SCALE @ A1
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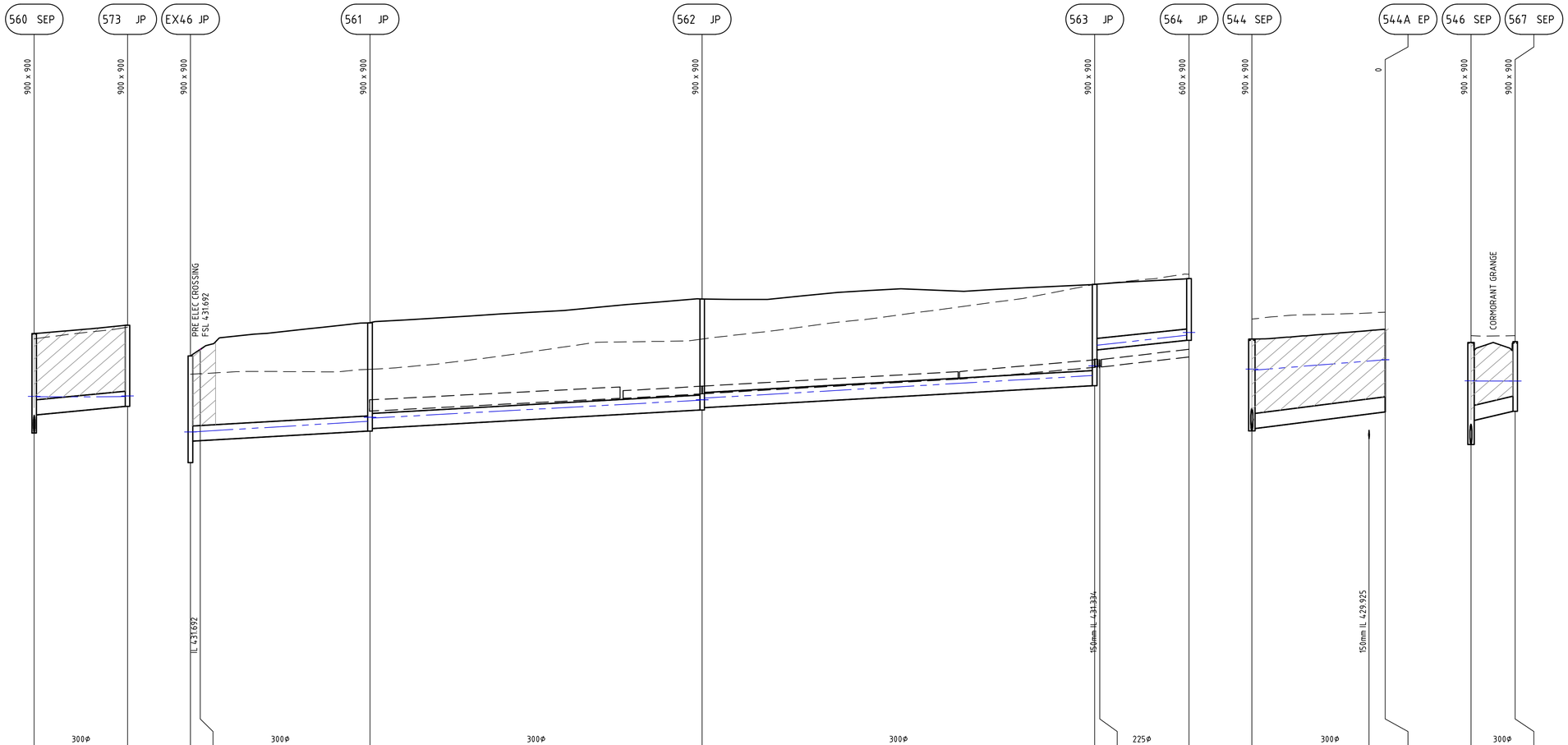
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR600** Rev **B**

file name 309150CR600.dwg layout name CR600 plotted by Ashley Willkie
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 13 of 17 Sheets

CRUSHED ROCK BACKFILL



	560 SEP	573 JP	EX46 JP	561 JP	562 JP	563 JP	564 JP	544 SEP	544A EP	546 SEP	567 SEP
Pipe Diameter	300Φ		300Φ	300Φ	300Φ		225Φ	300Φ		300Φ	
Joint Type	FJ		FJ	FJ	FJ		FJ	FJ		RRJ	
Pipe Class	CLASS 2		CLASS 2	CLASS 2	CLASS 2		STORMPRO	CLASS 2		CLASS 3	
Pipe Grade	1 in 109		1 in 180	1 in 180	1 in 180		1 in 100	1 in 80		1 in 49	
Velocity (m/s)	Vf=1.331		Vf=1.036	Vf=1.036	Vf=1.036		Vf=1.147	Vf=1.552		Vf=1.988	
Pipe Flow (m3/s)	Qa=0.015		Qa=0.055	Qa=0.056	Qa=0.058		Qa=0.016	Qa=0.087		Qa=0.007	
Pipe Capacity (m3/s)	Qcap=0.094		Qcap=0.073	Qcap=0.073	Qcap=0.073		Qcap=0.046	Qcap=0.110		Qcap=0.141	
DATUM R.L.	422.00		422.00					422.00		423.00	
DEPTH TO INVERT	1.976	1.616	2.122 / 1.692	2.150	2.100	2.209	2.159	2.015	1.301	1.227	1.825 / 1.775	1.643	2.027	1.547	1.386
DESIGN INVERT LEVEL	430.030	430.390	429.440 / 429.870 / 429.879	430.068	430.118	430.485	430.535	430.968	431.682 / 431.688	431.870	430.070	430.720	430.450 / 430.450	430.800	431.280	431.460
HYDRAULIC GRADE LEVEL	430.710	430.757 / 430.750	430.051	430.261	430.313 / 430.325	430.682	430.733 / 430.723	431.171	431.365 / 431.713	431.973 / 432.027	431.059	431.301 / 431.279	431.485	431.918	432.068 / 432.061	432.061 / 432.063
FINISHED SURFACE LEVEL	432.006		431.562	432.278		432.694		432.984		433.097	431.895		432.093	432.827		432.846
EXISTING SURFACE LEVEL	431.902	432.132	431.196	431.295		431.898		432.984		433.182	432.293		432.432	432.963		432.963
CHAINAGE	0.000	18.550	0.000 / 1.950	35.683		101.683		179.683	180.683	198.433	0.000	23.280	26.480	0.000	8.800	
	L=18.550m		L=35.683m		L=66.000m				L=18.750m		L=26.480m			L=8.800m		

APPROVED CITY OF BALLARAT
By D. Hastings at 3:45 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
B	DRAINAGE AMENDED AS PER COUNCIL COMMENTS 25/11/21	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	21/09/21

Scale
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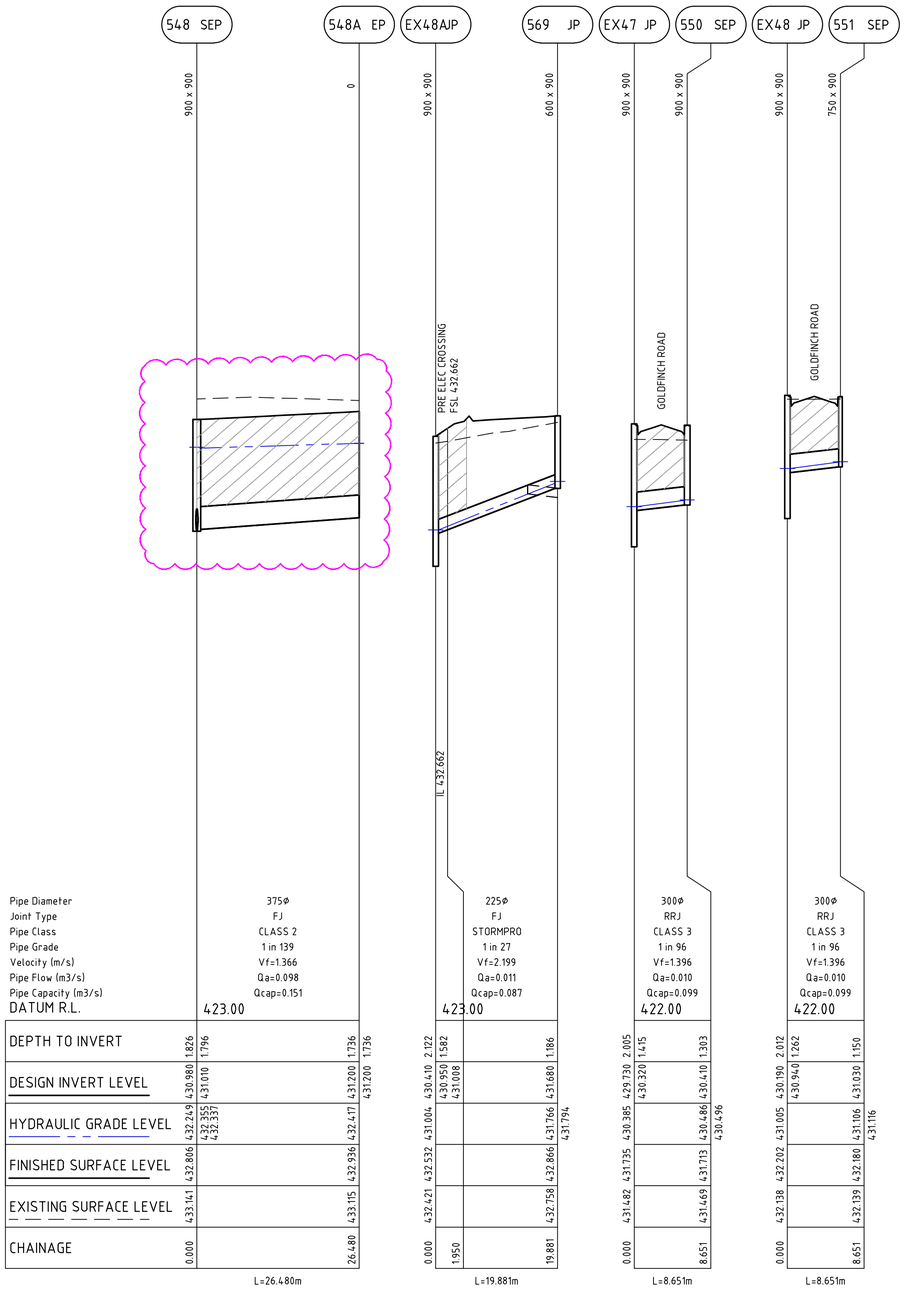
CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 2
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR601** Rev **B**

file name 309150CR600.dwg layout name CR601 plotted by Ashley Willkie
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 14 of 17 Sheets

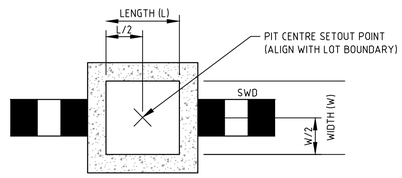
CRUSHED ROCK BACKFILL



PIT SCHEDULE

Pit Name	TYPE	EASTING	NORTHING	INTERNAL WD	INTERNAL LEN	INLET DIA	INLET INV LEV	OUTLET DIA	OUTLET INV LEV	PIT SETOUT RL	DEPTH		REMARKS	STEP IRON	STEP LADDER
539	JUNCTION PIT	745844.675	5837040.614	0.9	0.9	600	429.33	600	429.3	431.586	2.286		REFER TO COB SD-P10-2	X	
540	DOUBLE SIDE ENTRY PIT	745838.067	5837050.058	0.9	1.8	600	429.44	600	429.41	431.524	2.114		REFER TO COB SD-P2-2	X	
541	DOUBLE SIDE ENTRY PIT	745829.402	5837051.589	0.9	1.8	600	429.55	600	429.5	431.524	2.024		REFER TO COB SD-P2-2	X	
542	SIDE ENTRY PIT	745839.652	5837109.59	0.9	0.9	450	429.81	600	429.76	432.006	2.246		REFER TO COB SD-P1-2	X	
						300	429.94								
543	SIDE ENTRY PIT	745833.045	5837119.035	0.9	0.9	450	429.98	450	429.93	431.892	1.962		REFER TO COB SD-P1-2	X	
544	SIDE ENTRY PIT	745834.577	5837127.7	0.9	0.9	375	430.14	450	430.07	431.895	1.825		REFER TO COB SD-P1-2	X	
						300	430.12								
545	SIDE ENTRY PIT	745844.02	5837134.307	0.9	0.9	375	430.29	375	430.26	432.238	1.978		REFER TO COB SD-P1-2	X	
546	SIDE ENTRY PIT	745854.271	5837192.308	0.9	0.9	375	430.83	375	430.8	432.827	2.027		REFER TO COB SD-P1-2	X	
						300	431.28								
547	SIDE ENTRY PIT	745847.663	5837201.753	0.9	0.9	375	430.93	375	430.9	432.806	1.906		REFER TO COB SD-P1-2	X	
548	SIDE ENTRY PIT	745849.195	5837210.418	0.9	0.9	300	431.03	375	430.98	432.806	1.826		REFER TO COB SD-P1-2	X	
						375	431.01								
549	SIDE ENTRY PIT	745858.639	5837217.025	0.9	0.9			300	431.45	433.078	1.628		REFER TO COB SD-P1-2	X	
550	SIDE ENTRY PIT	745924.557	5837080.367	0.9	0.9			300	430.41	431.713	1.303		REFER TO COB SD-P1-2	X	
551	SIDE ENTRY PIT	745936.72	5837149.299	0.75	0.9			300	431.03	432.18	1.15				
560	SIDE ENTRY PIT	745848.318	5837108.059	0.9	0.9	300	430.08	300	430.03	432.006	1.976			X	
						300	430.39							X	
561	JUNCTION PIT	745876.683	5837064	0.9	0.9	300	430.118	300	430.068	432.218	2.15		REFER TO COB SD-P10-2	X	
562	JUNCTION PIT	745888.169	5837128.993	0.9	0.9	300	430.535	300	430.485	432.694	2.209		REFER TO COB SD-P10-2	X	
563	JUNCTION PIT	745901.744	5837205.803	0.9	0.9	225	431.682	300	430.968	432.984	2.015		REFER TO COB SD-P10-2	X	
564	JUNCTION PIT	745883.28	5837209.066	0.6	0.9			225	431.87	433.097	1.227		REFER TO COB SD-P10-2	X	
567	SIDE ENTRY PIT	745862.936	5837190.777	0.9	0.9			300	431.46	432.846	1.386		REFER TO COB SD-P1-2	X	
569	JUNCTION PIT	745917.278	5837203.094	0.6	0.9			225	431.68	432.866	1.186		REFER TO COB SD-P10-2	X	
573	JUNCTION PIT	745851.546	5837126.325	0.9	0.9			300	430.56	432.173	1.613		REFER TO COB SD-P10-2	X	
574	JUNCTION PIT	745842.844	5837077.086	0.9	0.9			300	430.26	431.744	1.484		REFER TO COB SD-P10-2	X	
544A	ENDPIPE	745808.5	5837132.309	0	0	300	430.45	300	430.45	432.093	1.643		ENDPIPE TO BE COVERED WITH MARINE GRADE PLY		
548A	ENDPIPE	745823.119	5837215.027	0	0	375	431.2	375	431.2	432.936	1.736		ENDPIPE TO BE COVERED WITH MARINE GRADE PLY		
Ex44	DOUBLE SIDE ENTRY PIT	745898.852	5837031.039	0.9	1.8	600	428.93			431.128	2.198				
Ex46	JUNCTION PIT	745911.821	5837057.79	0.9	0.9	300	429.87			431.562	1.692				
Ex47	JUNCTION PIT	745916.035	5837081.859	0.9	0.9	300	430.32			431.735	2.005				
Ex48	JUNCTION PIT	745928.199	5837150.79	0.9	0.9	300	430.94			432.202	2.012				
Ex48A	JUNCTION PIT	745936.849	5837199.599	0.9	0.9	225	430.95			432.532	2.122				

APPROVED CITY OF BALLARAT
By D. Hastings at 3:45 pm, Dec 22, 2021



TYPICAL DRAINAGE PIT SETOUT POINT 'C'
JUNCTION PIT/ EASEMENT PIT
NOT TO SCALE

Rev	Amendments	Approved	Date
B	DRAINAGE AMENDED AS PER COUNCIL COMMENTS 25/11/21	A.W	01/12/21
A	PRELIMINARY ISSUE	JD	21/09/21

Scale

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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
DRAINAGE LONG SECTIONS - SHEET 3
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

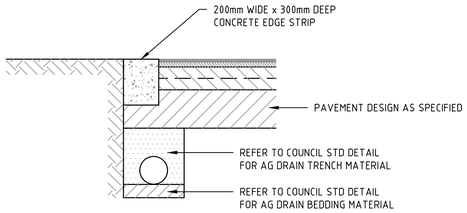
PRELIMINARY Drg No **309150CR602** Rev **B**

file name 309150CR600.dwg layout name CR602 plotted by Ashley Willsie
file location G:\309\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 15 of 17 Sheets

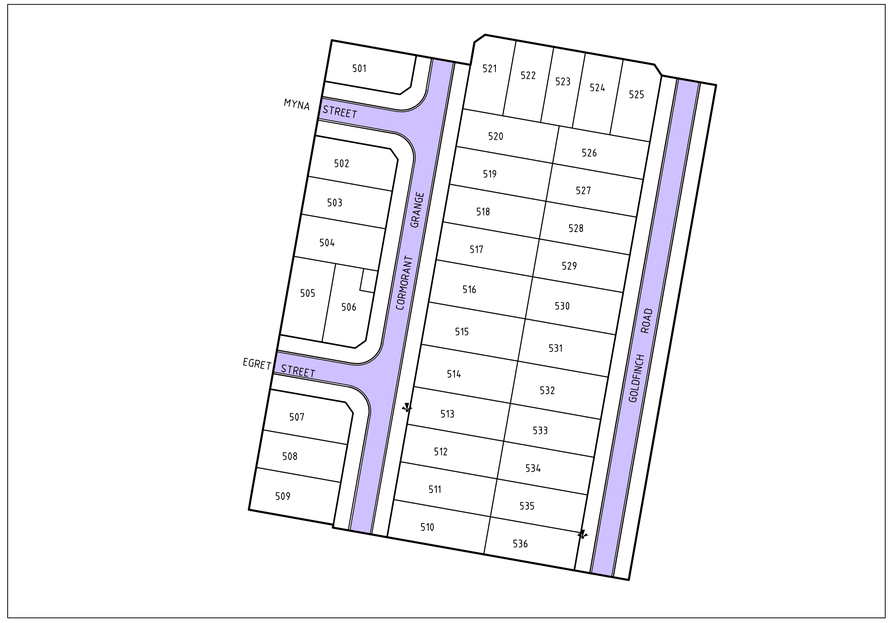
DESIGN PAVEMENT PROFILE

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm) TYPE A* (ACCESS STREET 1)
ASPHALT WEARING COURSE (mm)	SIZE 10mm TYPE N ASPHALT CLASS 320 BITUMEN	40
SAMI LAYER		YES
PRIMER COURSE	PRIME OR 7mm PRIMERSEAL	YES
BASE COURSE (mm)	CLASS 1 or 2 20mm FCR. COMPACTED TO 98% (MMDD)	150
SUBBASE COURSE (mm)	CLASS 3 20mm or 40mm FCR. COMPACTED TO 97% (MMDD)	220
CAPPING LAYER (mm)	IMPORTED PRODUCT WITH A MINIMUM CBR OF 10, SWELL NO GREATER THAN 1.5%, PERMEABILITY NO GREATER THAN 5X10-9M/S AND BE COMPACTED TO A MINIMUM DENSITY RATIO OF 98% STANDARD.	150
	TOTAL PAVEMENT DEPTH	560

ROAD NAME	TYPE
BOWERBIRD GRANGE	A
STORK STREET	A
CORMORANT	A
GOLDFINCH ROAD	A



LIMIT OF WORKS CONCRETE EDGE STRIP & PAVEMENT INTERFACE DETAIL



PAVEMENT PLAN

H 1:1000 SCALE @ A1 — 0 10 20 30 40 50

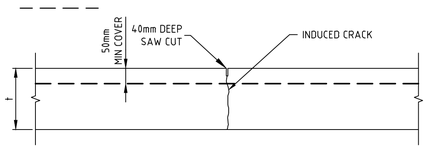
N

MGA 2020 ZONE 54

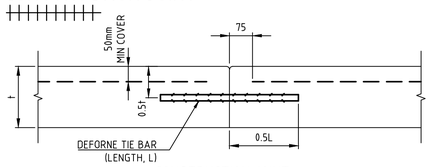
GENERAL NOTES:

1. ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE; OR VIC ROADS STANDARDS FOR NON RESIDENTIAL STREETS.
2. ALL CONCRETE TO BE MINIMUM 32MPa COMPRESSIVE STRENGTH
3. CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
4. PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
5. CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
6. SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
7. ALL DOWELS TO BE GRADE 250R STEEL BARS, 450mm LONG AND PLACED AT 300mm CENTRES. REFER CCAA- "CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS" FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK". INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
8. ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.

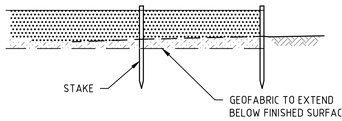
SAW CUT



CONSTRUCTION JOINT

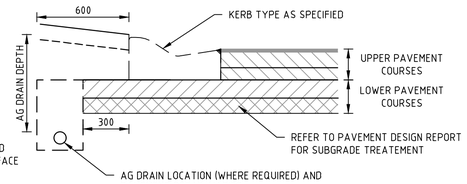


CONSTRUCTION JOINT



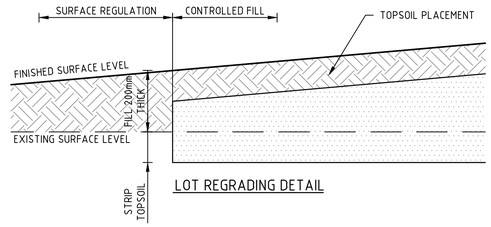
SILT CONTROL FOR LOTS

GEOFABRIC SILT FENCE

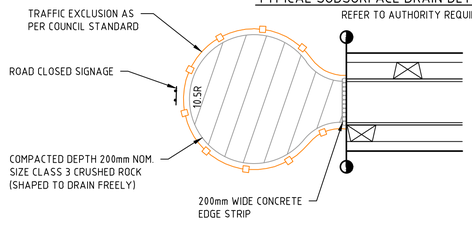


TYPICAL SUBSURFACE DRAIN DETAIL FOR NON-EXPANSIVE SUBGRADE

REFER TO AUTHORITY REQUIREMENTS FOR SPECIFIC DETAILS

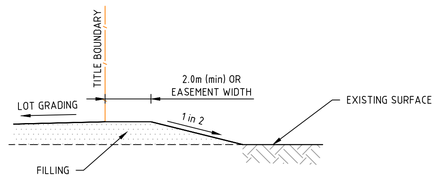


LOT REGRADING DETAIL

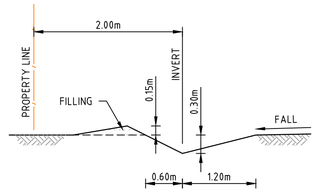


TEMPORARY TURNING AREA DETAIL

NOT TO SCALE

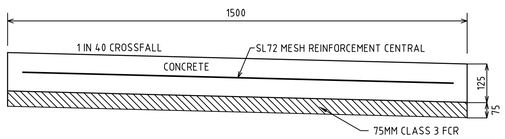


LOT FILLING AT STAGE BOUNDARY



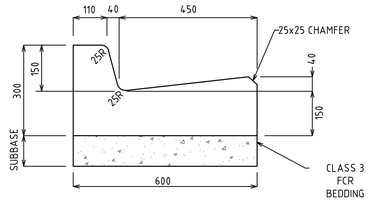
TYPICAL CATCH DRAIN SECTION

NOT TO SCALE



FOOTPATH

(NOT TO SCALE)
GENERALLY AS PER COB SD-K3-2
FOOTPATH TO BE 25MPa FOR RESIDENTIAL



B2 - STANDARD KERB & CHANNEL

STANDARD KERB PROFILES

NOT TO SCALE

PAVEMENT DETAILS

THE PAVEMENT DESIGNS SHOWN HERE HAVE BEEN DESIGNED/PROVIDED BY GEOTECHNICAL TESTING SERVICES WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. SPIIRE IS NOT RESPONSIBLE FOR THE WORK OF GEOTECHNICAL TESTING SERVICES.

THE DESIGN HAS BEEN EXTRACTED FROM THE GEOTECHNICAL TESTING SERVICES REPORT ON "520 GREENHALGHS RD, WINTER VALLEY" THIS DOCUMENT SHOULD BE REVIEWED TO ENSURE THAT THE DESIGN HAS BEEN ACCURATELY REPRODUCED.

A COPY OF THE DOCUMENT WILL BE PROVIDED TO YOU ON REQUEST.

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APPROVED CITY OF BALLARAT
By D. Hastings at 3:47 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale

dlcs ISO 9001 certified ISO 45001 certified ISO 14001 certified
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Designed S.WOOD
Checked B.IBBS
Authorised J.DOHERTY
Date

CONROYS GREEN STAGE 5
ROAD AND DRAINAGE
PAVEMENT AND TYPICAL DETAILS - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR700** Rev **A**

file name 309150CR700.dwg layout name CR700 plotted by Ashley Willkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 16 of 17 Sheets

LEGEND

#1 STREET NAME PLATES TO BE IN ACCORDANCE WITH CITY OF BALLARAT STANDARDS, INCLUDING "NO THROUGH ROAD" NOMINATION WHERE APPLICABLE

#2 ROAD CLOSED — G9-20

D4-5

#3 D4-2-1

TACTILE GROUND SURFACE INDICATORS (TGSI's)

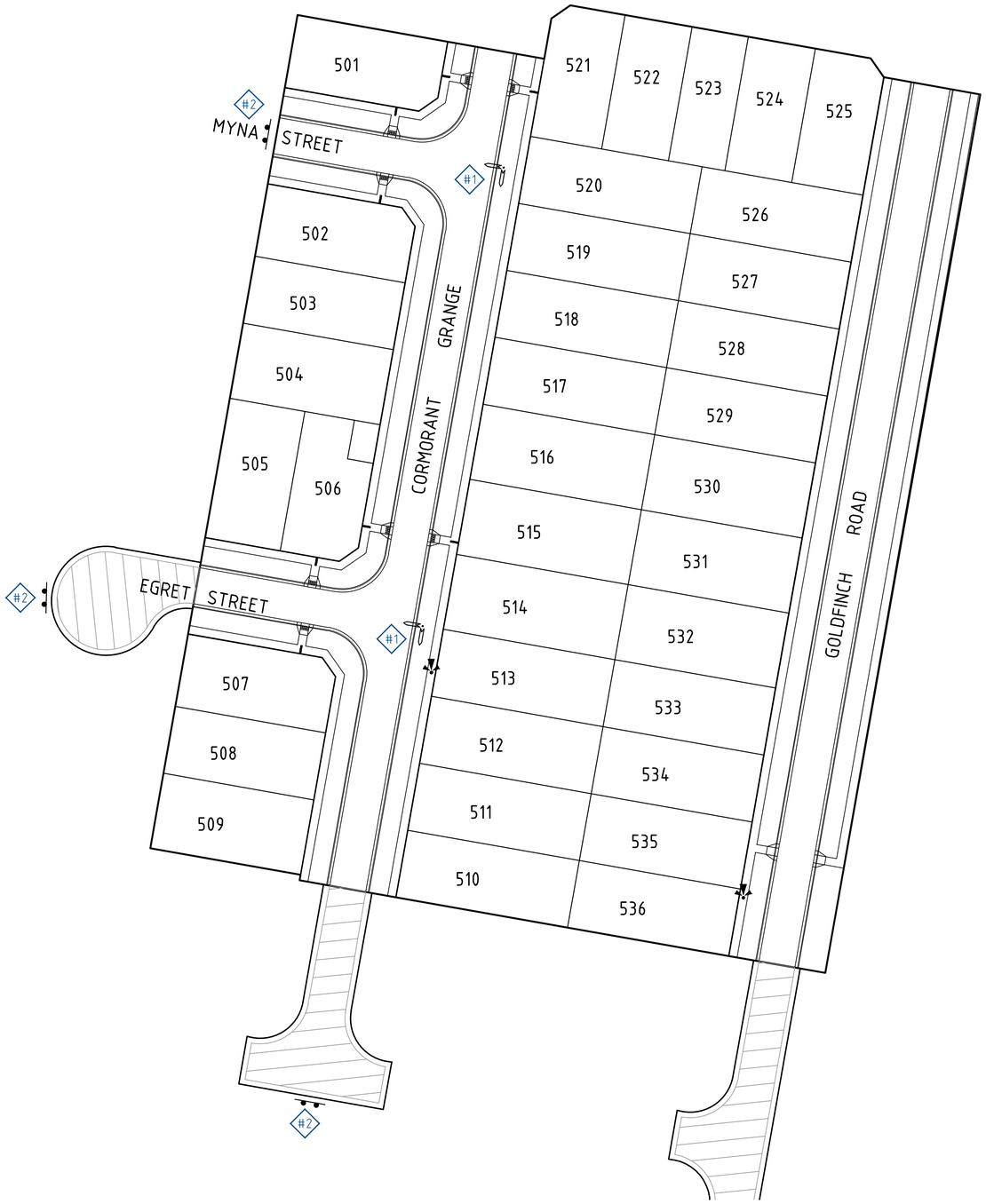
NOTE:

1. STREET SIGNS ARE TO BE MOUNTED ON LIGHT POLES, WITH A COUNCIL APPROVED BRACKET, IN LIEU OF SIGN POLES WHERE THE TWO POLES ARE IN CLOSE PROXIMITY AND WHERE THE STREET SIGN WOULD NOT BE COMPROMISED IN ITS PURPOSE BY THE RELOCATION.

2. LINEMARKING TO BE IN ACCORDANCE WITH AS1742.2 - 2009

N

MGA 2020
ZONE 54



APPROVED CITY OF BALLARAT
By D. Hastings at 3:47 pm, Dec 22, 2021

Rev	Amendments	Approved	Date
A	PRELIMINARY ISSUE	JD	14/09/21

Scale
H 1:500
SCALE @ A1 0 5 10 15 20 25

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Authorised J.DOHERTY
Date

CONROYS GREEN
STAGE 5
ROAD AND DRAINAGE
SIGNAGE AND LINEMARKING - SHEET 1
CITY OF BALLARAT
SAN HUBERTO PROPERTIES P/L

PRELIMINARY Drg No **309150CR800** Rev **A**

file name 309150CR800.dwg layout name CR800 plotted by Ashley Wilkie
file location G:\30\309150\Civil\ACAD plot date 01/12/2021 4:02 PM Sheet 17 of 17 Sheets