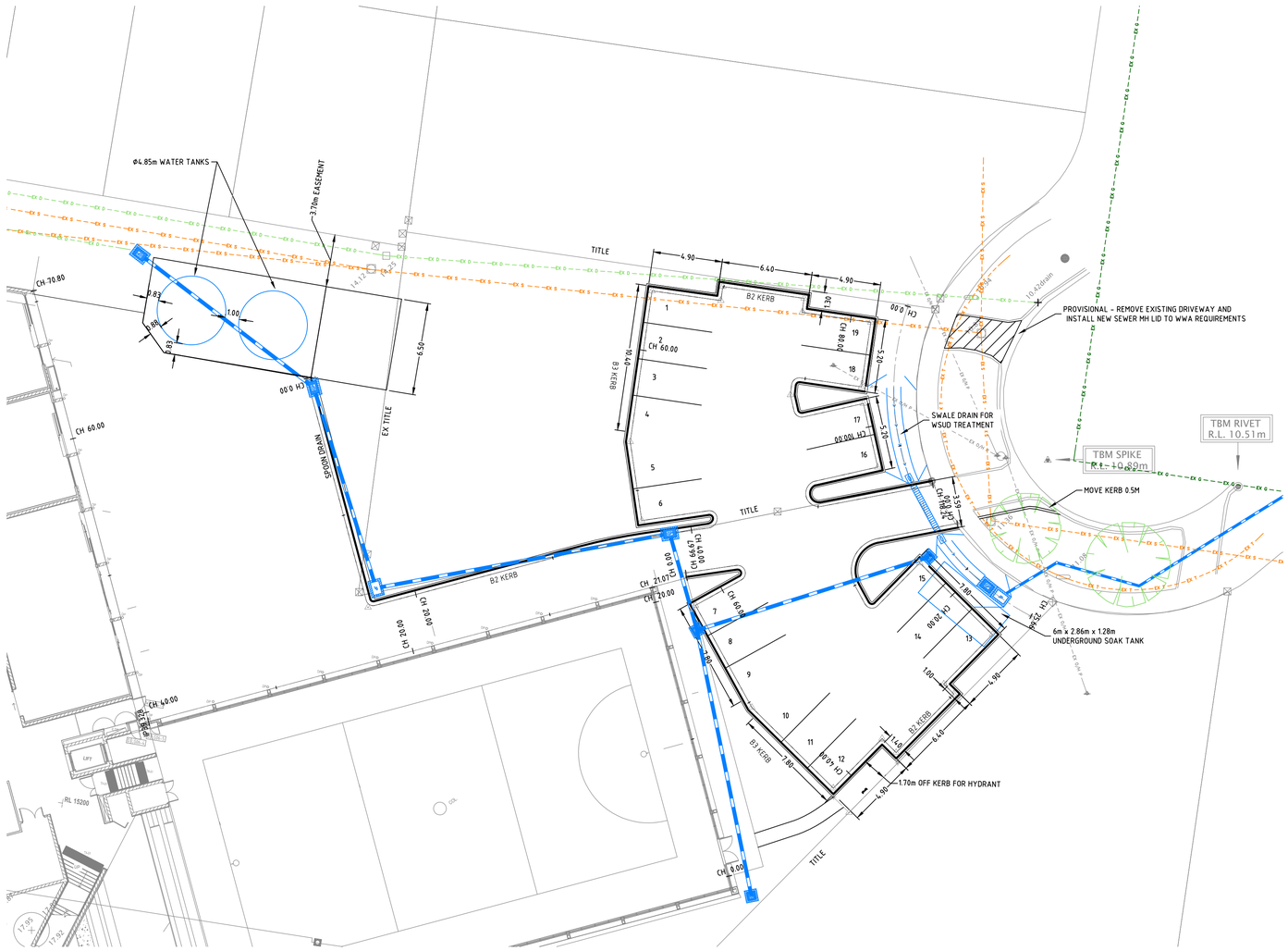

NOTE: UNDERGROUND SERVICES IN AREA OF CONSTRUCTION, CONTRACTOR TO LOCATE & DEPTH ALL SERVICES PRIOR TO CONSTRUCTION

LAYOUT PLAN
SCALE 1:200

LEGEND

	PROPOSED	EXISTING
POWER CABLE (OVERHEAD)		EX O/H P
POWER CABLE (UNDERGROUND)	U/G P	EX U/G P
SEWER		EX S
STORMWATER DRAIN-DETAIL		
STORMWATER DRAIN-INDICATIVE	D	EX D
TELECOMMUNICATIONS	T	EX T
WATER		EX W

Sheet List Table

Sheet Number	Sheet Title
C-01	LAYOUT PLAN & NOTES
C-02	DRAINAGE LAYOUT
C-03	CIVIL LAYOUT
C-04	PAVEMENT PLAN
C-05	SETOUT
C-10	NORTH KERB LONG SECTIONS
C-11	SOUTH KERB AND PIPE LONG SECTIONS
C-20	DETAILS

NOTE: TRENCH DEPTHS EXCEED 1.5m CONTRACTOR SHALL SUBMIT WORKSAFE FORM AND ENSURE APPROPRIATE BENCHING, SHORING OR SHIELDING ARE INSTALLED PRIOR TO COMMENCEMENT OF TRENCH WORK.

LOCALITY PLAN
SCALE 1:2000

GENERAL

G 1 *These drawings are to be read in conjunction with the project specification.*

G 2 *All dimensions are in meters, unless otherwise noted.*

G 3 *All dimensions and reduced levels must be verified on site before commencement of any work. Any discrepancy shall be referred to the Design Engineer before proceeding with the work.*

G 4 *All dimensions shown are to edge of road or face of wall unless otherwise shown. The CSE Group drawings shall not be scaled.*

G 5 *All levels are to A.H.D. vide PM 165 RL 19.582. Survey by Joseph Land Surveying Pty Ltd Ref. #1555.*

G 6 *Unless noted otherwise, underground service information is provided with a quality level 'C' (refer AS5488) and is based on Dial Before You Dig information and surface pit lid information only. There remains a high risk of damage to assets if relied upon. To avoid damage to underground assets the contractor shall verify by excavation the actual location of services prior to the commencement of construction.*

G 7 *The contractor shall liaise directly with all service authorities and shall comply with all regulations concerned.*

G 8 *All work within the road reserve shall be approved by the Municipal Council.*

G 9 *All disturbed areas are to be made good upon completion of works.*

PAVEMENTS

P 1 *All pavement layers including the subgrade shall be proof rolled as per Infrastructure Design Manual Clause 12.7.14 or VicRoads Standard Specification Section 173.*

P 2 *Subgrade compaction testing to be undertaken as per Infrastructure Design Manual Clause 12.7.11*

P 3 *Sub base materials shall be 40mm nominal size class 3 fine crushed rock and compacted to 97% modified AASHO as per AS 1289 unless otherwise shown. Fine crushed rock material shall be placed and compacted in layers not exceeding 200mm compacted thickness.*

P 4 *Base material shall be 20mm nominal size class 2 fine crushed rock and compacted to 98% modified AASHO as per AS 1289 unless otherwise shown. Fine crushed rock material shall be placed and compacted in layers not exceeding 150mm compacted thickness.*

P 5 *Contractor shall provide for the superintendent to be present during all test rolling.*

ASPHALT SURFACING

A 1 *Asphalt hot mix paving shall be generally laid in accordance with VicRoads standard specification '407 Hot Mix Asphalt' unless otherwise approved.*

A 2 *A tack coat shall be applied to the application surface on which asphalt is to be placed unless the unsealed surface has been primed. The tack coat shall be applied to a clean, dry surface free of surface water. Appropriate measures shall be in place to prevent overspray on kerbs and adjacent pavement.*

A 3 *Any tack coat not covered by asphalt shall be covered with clean grit or sand before the road is opened to traffic.*

A 4 *Surface temperatures shall be above 10°C prior to placement of asphalt.*

A 5 *Asphalt for typical use shall be a Size 10mm Dense Graded Asphalt Class 'H' mix with C320 binder or approved equivalent, unless noted otherwise.*

LINEMARKING & SIGNS

LS 1 *All signs shall comply with AS1742 and AS1743.*

LS 2 *Signs shall be fixed to galvanised posts securely with appropriate fittings.*

LS 3 *Galvanised posts shall have post caps installed to prevent the storage of water.*

LS 4 *Sign post foundations shall have a minimum compressive strength of 20MPa with 50mm cover to sign post. Auger holes shall be a minimum 200mm diameter and 600mm deep.*

LS 5 *Linemarking paint shall be approved under the Australian Paint Approval Scheme (APAS). Paint shall comply with the requirements of AS 4049.1 for solvent-borne paint or AS/NZS 4049.3 for water-borne paint.*

LS 6 *Linemarking shall consist of 2 coats of paint unless noted otherwise.*

LS 7 *Where glass beads are specified, paint shall be intermixed with glass beads for use in long life material applications and shall conform to AS/NZS 2009 and the Australian Paint Approval Scheme (APAS) Specification 0042.*

LS 8 *The road surface shall be clean and free of any debris or surface water prior to the application of paint.*

CONCRETE

C1 *Minimum compressive strength shall be 25 Mpa at 28 days unless noted otherwise.*

KERB & CHANNEL

KC 1 *Cross section details shall be as shown in Infrastructure Design Manual standard drawing No. SD 100*

KC 2 *Construction joints shall be constructed at 2.50m. spacings*

KC 3 *75mm compacted layer of pavement material shall be placed under all kerb & channel*

Kc 4 *No subsurface drains required*

EARTHWORKS – GENERAL

E 1 *Unless otherwise noted all vegetation and topsoil containing organic matter shall be stripped to a minimum depth of 300mm under all pavement and building areas.*

E 2 *All Uncontrolled fill material shall be material approved by the Superintendent and the Council Engineer and compacted in 150mm maximum compacted thickness layers. Prior to the placement of any fill material under buildings or pavements the exposed subgrade shall be compacted to 95% modified AASHO (AS 1289). Any soft or unsuitable material in the subgrade shall be removed and replaced with approved granular fill material.*

E 4 *It is the responsibility of the contractor to adequately drain the site during all stages of construction.*

E 5 *All cut batters to be 1 in 5 and all fill batters to be 1 in 5 unless otherwise shown.*

E 6 *Grade evenly between finished surface spot levels shown on drawings. Where finished levels are not shown the surface shall be graded smoothly so that it will drain, and to match existing surfaces or structures.*

STORMWATER DRAINAGE

SW 1 *For excavations 1.5 m deep or deeper, the construction contractor shall submit a "Notice of Intention to Commence Excavation Operations in Trenches, Shafts and Tunnels" form to Worksafe. This shall be done 3 days prior to commencing any excavations.*

SW 2 *All stormwater pipes 150mm dia. and smaller shall be UPVC DWV class pipe, All stormwater pipes 225mm dia. and larger shall be reinforced concrete class 2 unless otherwise shown. Rubber ring joints shall be used under all pavements and building floor slabs.*

SW 3 *Downpipes shall be connected to pits or stormwater pipes at a minimum grade of 1 in 100.*

SW 4 *Pipe handling, trenching, laying, jointing & refilling is to be in accordance with the manufacturers recommendations.*

SW 5 *Trenching backfill to be in accordance with IDM SD-310 and pipe/conduit/cable manufacturers specification.*

SW 6 *All pit covers to be class 'D' if located in pavement and class 'B' if located in reserves unless specified. Refer to stormwater pit schedule for pit details and cover types.*

SW 7 *Refer to Infrastructure Design Manual standard drawing No SD-420 for Junction pit details.*

SW 8 *Refer to Infrastructure Design Manual standard drawing No SD-431 for side entry pit details.*

SW 9 *Refer to Infrastructure Design Manual standard drawing No SD-455 for grated pit details.*

REV.	DESCRIPTION	DATE
G	DETAILED DESIGN ISSUE	09/05/2024
F	REMOVE KERB ALONG BUILDING	27/03/2024
E	REVISED CARPARK & WATER TANKS LAYOUT	21/03/2024
D	AMENDED UNDERGROUND TANK SIZE & CARPARK AREA	19/02/2024
C	SWMP ISSUE	04/12/2023
B	PRELIMINARY REVISION	17/10/2023
A	PRELIMINARY ISSUED FOR COMMENT	07/09/2023

APPROVED

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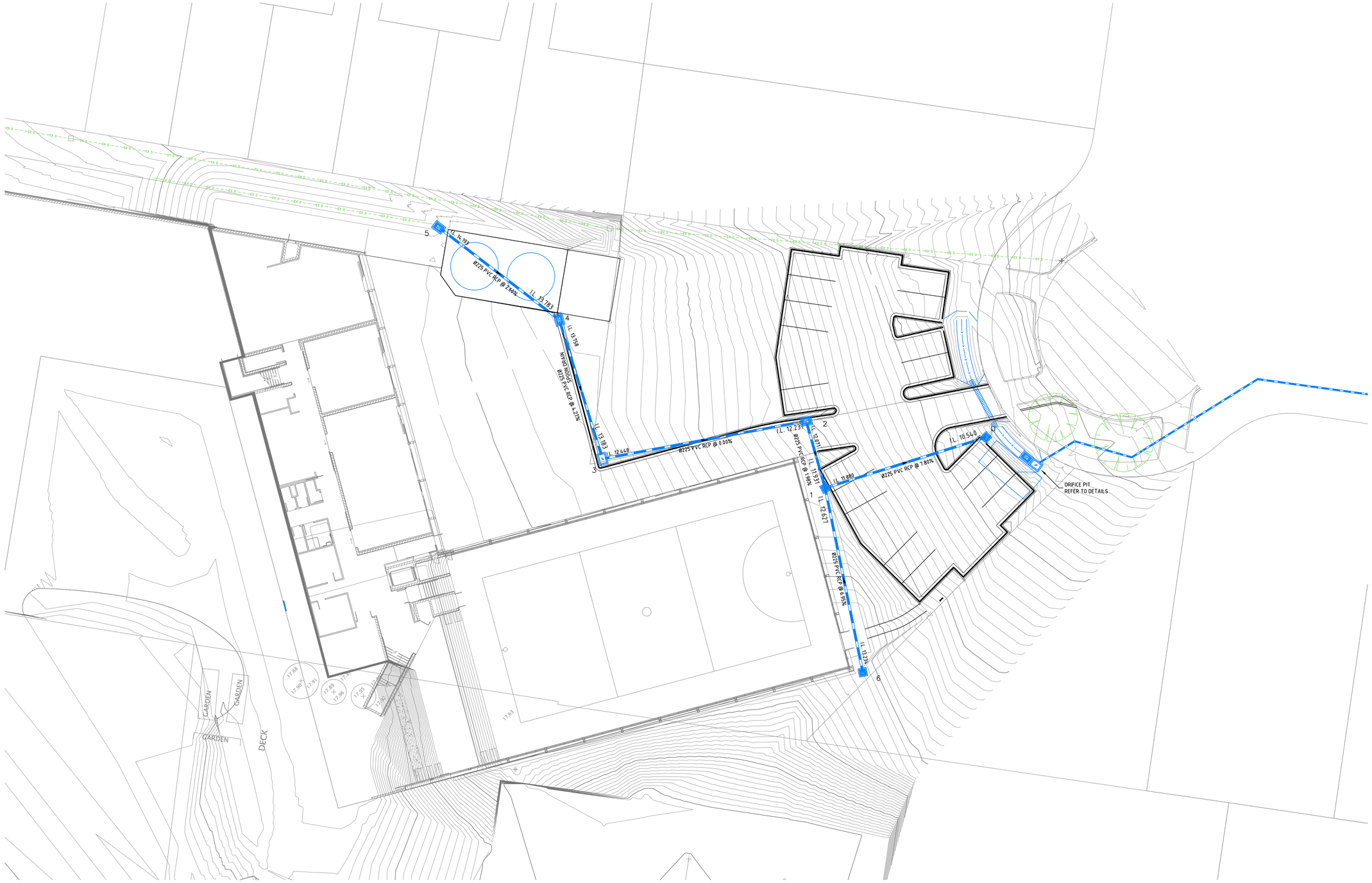
DESIGNED SJB
DRAWN PL
SCALE A1 1:200
DATE OCT 2023

PROJECT TITLE
EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE
LAYOUT PLAN & NOTES

NORTH

PROJECT No. 2023.197
SHEET C-01 REV. G



CIVIL LAYOUT PLAN

SCALE 1:200

NOTE: UNDERGROUND SERVICES IN AREA OF CONSTRUCTION, CONTRACTOR TO LOCATE & DEPTH ALL SERVICES PRIOR TO CONSTRUCTION

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED

Scott Trotter,
Registered Professional Engineer, Victoria.
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Date __/__/____

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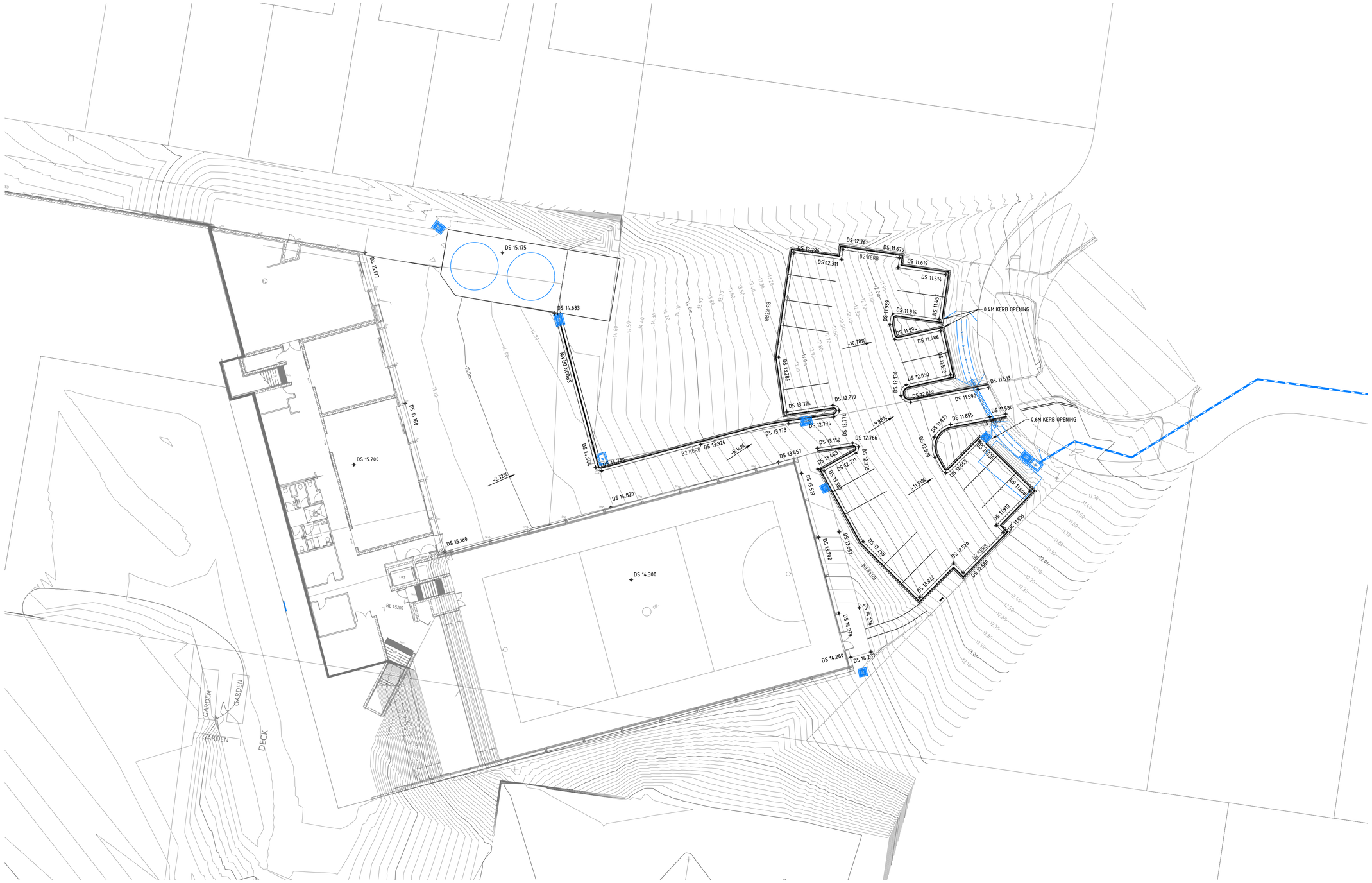
DESIGNED: SJB
DRAWN: PL
SCALE: A1 1:100
DATE: OCT 2023

PROJECT TITLE
EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE
DRAINAGE LAYOUT

NORTH

PROJECT No. 2023.197
SHEET C-02
REV. A



CIVIL LAYOUT PLAN

SCALE 1:200

NOTE: UNDERGROUND SERVICES IN AREA OF CONSTRUCTION, CONTRACTOR TO LOCATE & DEPTH ALL SERVICES PRIOR TO CONSTRUCTION

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED

Scott Trotter,
Registered Professional Engineer, Victoria.
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DESIGNED	SJB
DRAWN	PL
SCALE	A1 1:100
DATE	OCT 2023

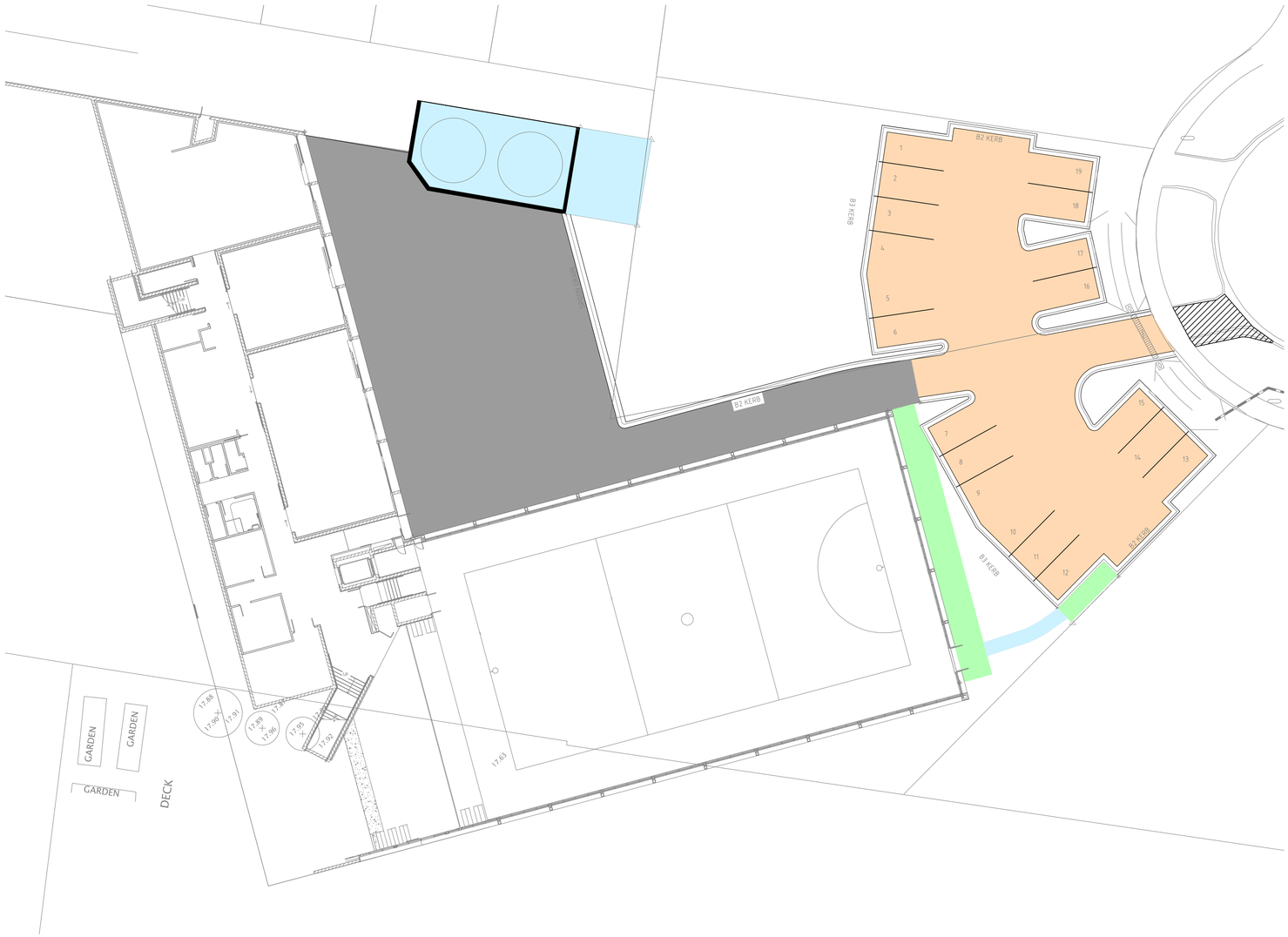
PROJECT TITLE
EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE
CIVIL LAYOUT & LEVELS

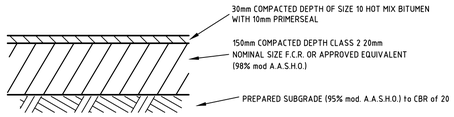
NORTH

PROJECT No. 2023.197

SHEET C-03 REV. A

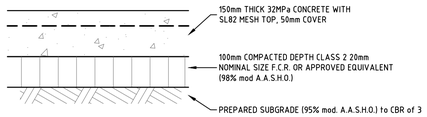


LAYOUT PLAN
SCALE 1:100

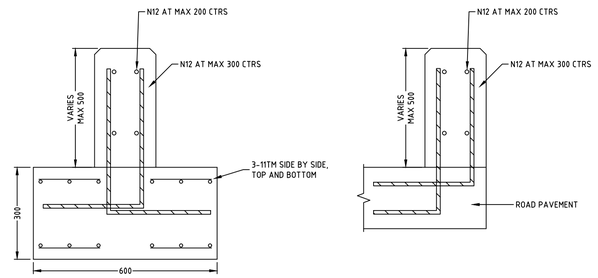


TOTAL DEPTH = 430mm

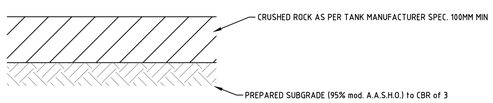
TYPE 1 PAVEMENT DESIGN: CAR PARK
SCALE = N.T.S.



CONCRETE ROAD PAVEMENT DESIGN
N.T.S.

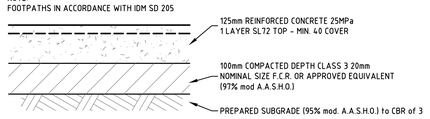


TANK BASE EDGE BEAM



GRAVEL PAD AND PATH
N.T.S.

NOTE:
FOOTPATHS IN ACCORDANCE WITH IDM SD 205



TOTAL DEPTH = 225mm

REINFORCED FOOTPATH DESIGN
N.T.S.

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED
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Date __/__/____

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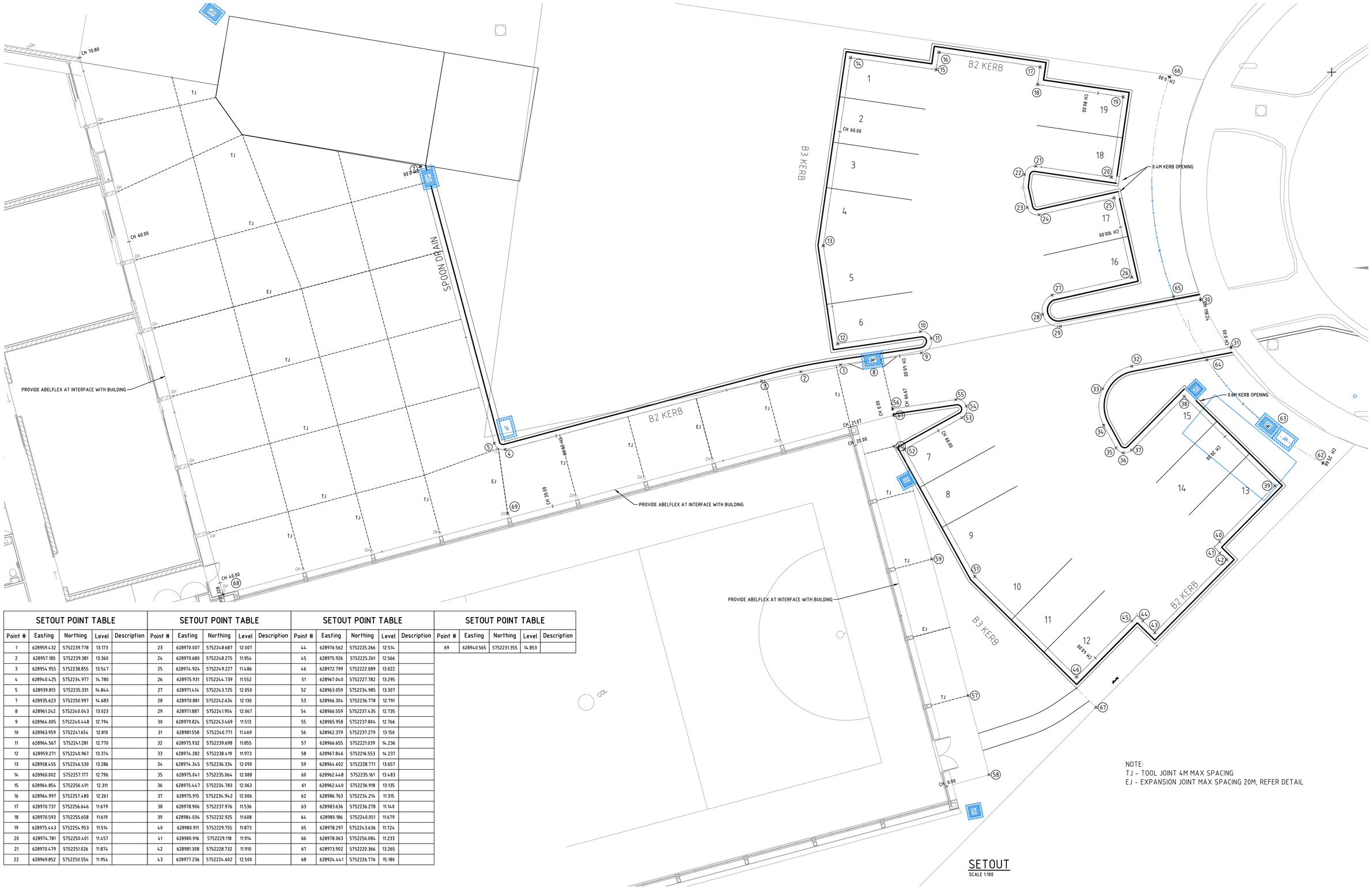
DESIGNED: SJB
DRAWN: PL
SCALE: A1 1:100
DATE: OCT 2023

PROJECT TITLE: EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE: PAVEMENT PLAN

NORTH

PROJECT No. 2023.197
SHEET C-04 REV. A



SETOUT POINT TABLE					SETOUT POINT TABLE					SETOUT POINT TABLE					SETOUT POINT TABLE				
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2	628957.180	5752239.381	13.360		24	628970.680	5752248.275	11.954		45	628975.926	5752225.261	12.566						
3	628954.955	5752238.855	13.547		25	628974.924	5752249.227	11.486		46	628972.799	5752222.089	13.022						
4	628940.425	5752234.977	14.780		26	628975.931	5752244.739	11.552		51	628967.040	5752227.782	13.295						
5	628939.813	5752235.331	14.844		27	628971.414	5752243.725	12.050		52	628963.059	5752234.985	13.307						
7	628935.623	5752250.997	14.683		28	628970.881	5752242.634	12.130		53	628966.304	5752236.778	12.791						
8	628961.242	5752240.043	13.023		29	628971.887	5752241.954	12.067		54	628966.559	5752237.435	12.735						
9	628964.005	5752240.448	12.794		30	628979.824	5752243.469	11.513		55	628965.958	5752237.804	12.766						
10	628963.959	5752241.654	12.810		31	628981.558	5752240.771	11.469		56	628962.379	5752237.279	13.150						
11	628964.567	5752241.281	12.770		32	628975.932	5752239.698	11.855		57	628966.655	5752221.039	14.236						
12	628959.271	5752240.967	13.374		33	628974.282	5752238.419	11.973		58	628967.846	5752216.553	14.237						
13	628958.455	5752246.530	13.286		34	628974.345	5752236.334	12.090		59	628964.602	5752228.771	13.657						
14	628960.002	5752257.177	12.796		35	628975.041	5752235.064	12.088		60	628962.448	5752235.161	13.483						
15	628964.854	5752256.491	12.311		36	628975.447	5752234.783	12.063		61	628962.440	5752236.918	13.135						
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17	628970.737	5752256.646	11.679		38	628978.906	5752237.976	11.536		63	628983.636	5752236.278	11.140						
18	628970.593	5752255.658	11.619		39	628984.034	5752232.925	11.608		64	628980.186	5752240.051	11.679						
19	628975.443	5752254.953	11.514		40	628980.911	5752229.755	11.873		65	628978.297	5752243.636	11.724						
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21	628970.479	5752251.026	11.874		42	628981.308	5752228.732	11.910		67	628973.902	5752220.366	13.265						
22	628969.852	5752250.554	11.954		43	628977.236	5752224.602	12.500		68	628924.441	5752226.776	15.180						

NOTE:
TJ - TOOL JOINT 4M MAX SPACING
EJ - EXPANSION JOINT MAX SPACING 20M, REFER DETAIL

SETOUT
SCALE 1:100

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED
Scott Trotter,
Registered Professional Engineer, Victoria.
Civil Engineering PE 0000525
_____ Date __/__/____

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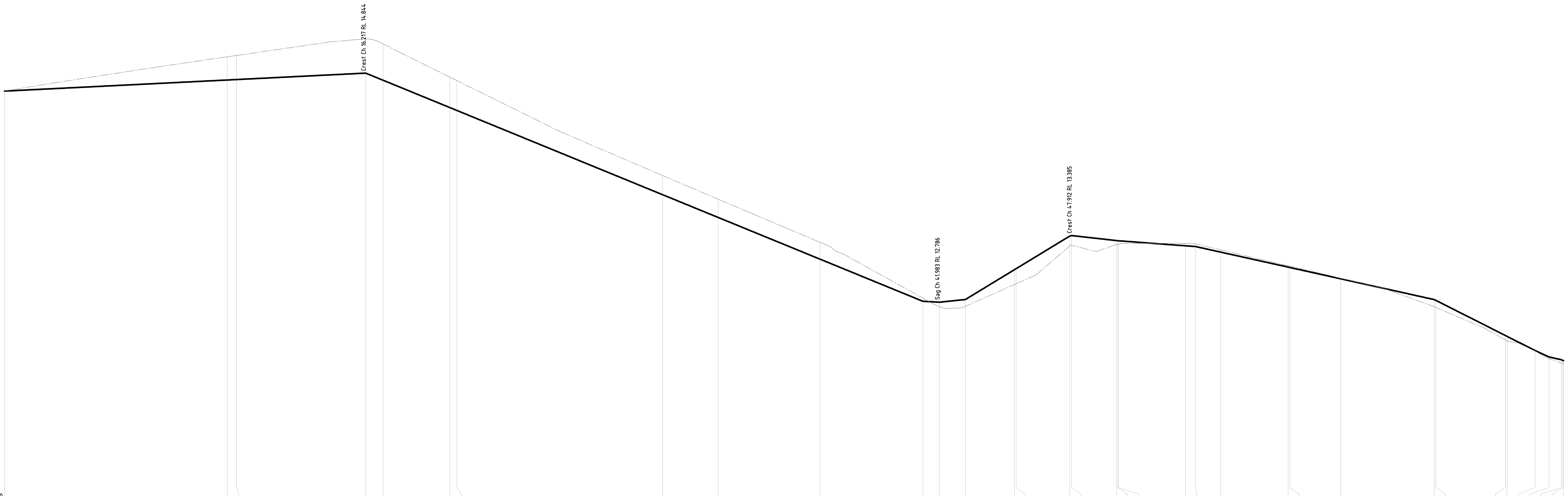
DESIGNED SJB
DRAWN PL
SCALE A1 1:100
DATE OCT 2023

PROJECT TITLE
EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE
SETOUT

NORTH

PROJECT No. 2023.197
SHEET C-05
REV. A



CHAINAGE	DESIGN LIP OF KERB	EXISTING LEVELS
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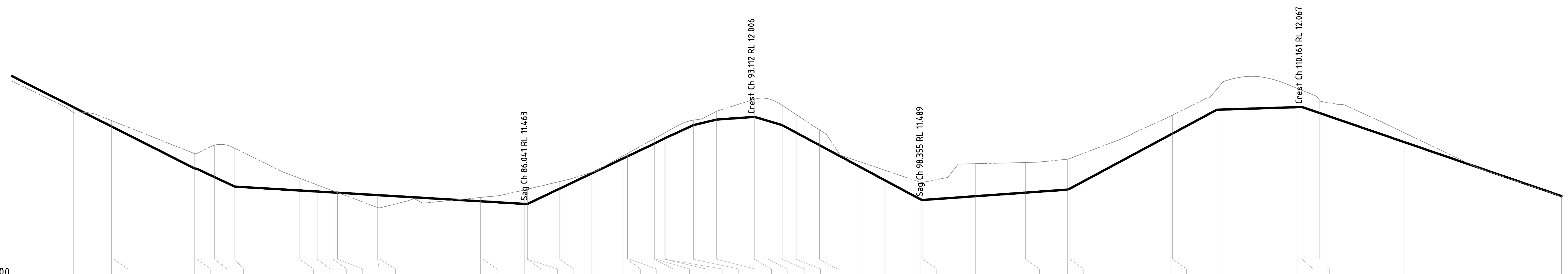
10.000	14.782	14.991
10.417	14.787	15.003
16.217	14.844	15.151
17.002	14.780	15.107
20.000	14.534	14.808
20.313	14.509	14.777
29.555	13.751	13.924
32.041	13.547	13.712
36.615	13.173	13.324
41.237	12.794	12.823
41.983	12.786	12.745
43.145	12.810	12.749
45.346	13.078	12.945
45.425	13.087	12.952
47.833	13.380	13.292
47.911	13.385	13.298
49.925	13.340	13.303
50.000	13.338	13.303
50.004	13.338	13.303
53.030	13.293	13.313
53.484	13.286	13.309
54.599	13.236	13.256
57.632	13.101	13.114
57.710	13.098	13.110
60.000	12.996	13.002
64.193	12.809	12.746
64.271	12.802	12.738
67.393	12.486	12.446
67.471	12.478	12.437
68.723	12.351	12.346
69.350	12.293	12.278
69.900	12.269	12.238
69.979	12.262	12.230
70.000	12.259	12.228

Profile
Scales: Horizontal 1 in 100 Vertical 1 in 20



CHAINAGE	DESIGN LIP OF KERB	EXISTING LEVELS
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72.550	12.002	12.026
73.100	11.946	11.983
73.179	11.938	11.976
75.679	11.686	11.778
75.757	11.683	11.778
76.306	11.631	11.830
76.934	11.572	11.811
78.879	11.549	11.629
78.957	11.548	11.624
79.506	11.541	11.582
80.000	11.536	11.545
80.134	11.534	11.535
81.384	11.519	11.442
81.463	11.518	11.440
84.584	11.481	11.504
84.663	11.480	11.506
85.963	11.464	11.551
86.041	11.463	11.556
86.052	11.464	11.556
87.052	11.559	11.603
88.052	11.654	11.661
89.052	11.750	11.766
89.163	11.760	11.778
89.242	11.768	11.787
90.000	11.840	11.871
90.052	11.845	11.876
90.324	11.872	11.906
90.339	11.874	11.908
91.215	11.954	11.985
91.938	11.989	12.041
93.112	12.006	12.115
93.539	11.980	12.119
93.976	11.954	12.077
94.415	11.907	12.020
95.138	11.830	11.925
96.312	11.704	11.732
97.176	11.611	11.674
98.276	11.493	11.600
98.354	11.489	11.598
100.000	11.512	11.715
101.476	11.533	11.721
101.554	11.535	11.722
102.854	11.553	11.742
102.933	11.559	11.747
106.054	11.894	12.009
106.133	11.902	12.017
107.513	12.050	12.178
110.000	12.066	12.184
110.161	12.067	12.171
110.713	12.029	12.109
113.361	11.848	11.905
118.241	11.513	11.503

Profile
Scales: Horizontal 1 in 100 Vertical 1 in 20

NORTH KERB LONG SECTION CONT.

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED

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DESIGNED: SJB
DRAWN: PL
SCALE: A1 1:100
DATE: OCT 2023

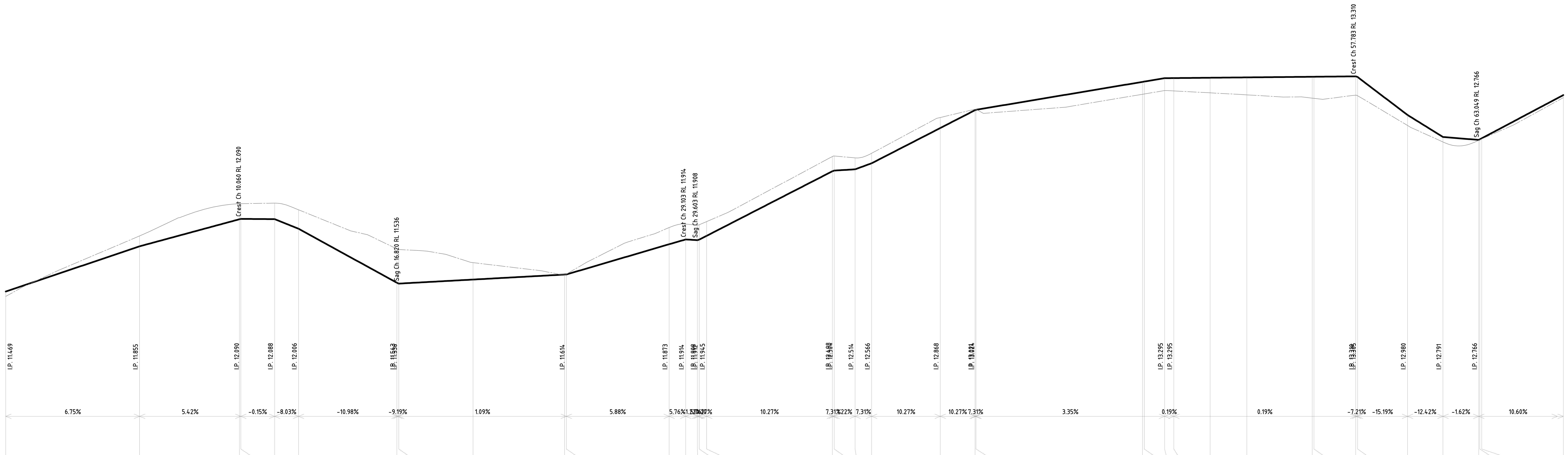
PROJECT TITLE: EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE: NORTH KERB LONG SECTIONS

N
NORTH

PROJECT No. 2023.197
SHEET C-10 REV. A

f:\archive\2023\2023.197 ec 15 crawley st\C3D\2023.197 CAR PARK DESIGN.dwg, C-10, 9/05/2024 5:15:26 PM, stephenb, DWG To PDF.pc3, ISO full bleed A1 (841.00 x 594.00 MM), 1:1



R.L. 10.000

CHAINAGE	DESIGN LIP OF KERB	EXISTING CENTRELINE
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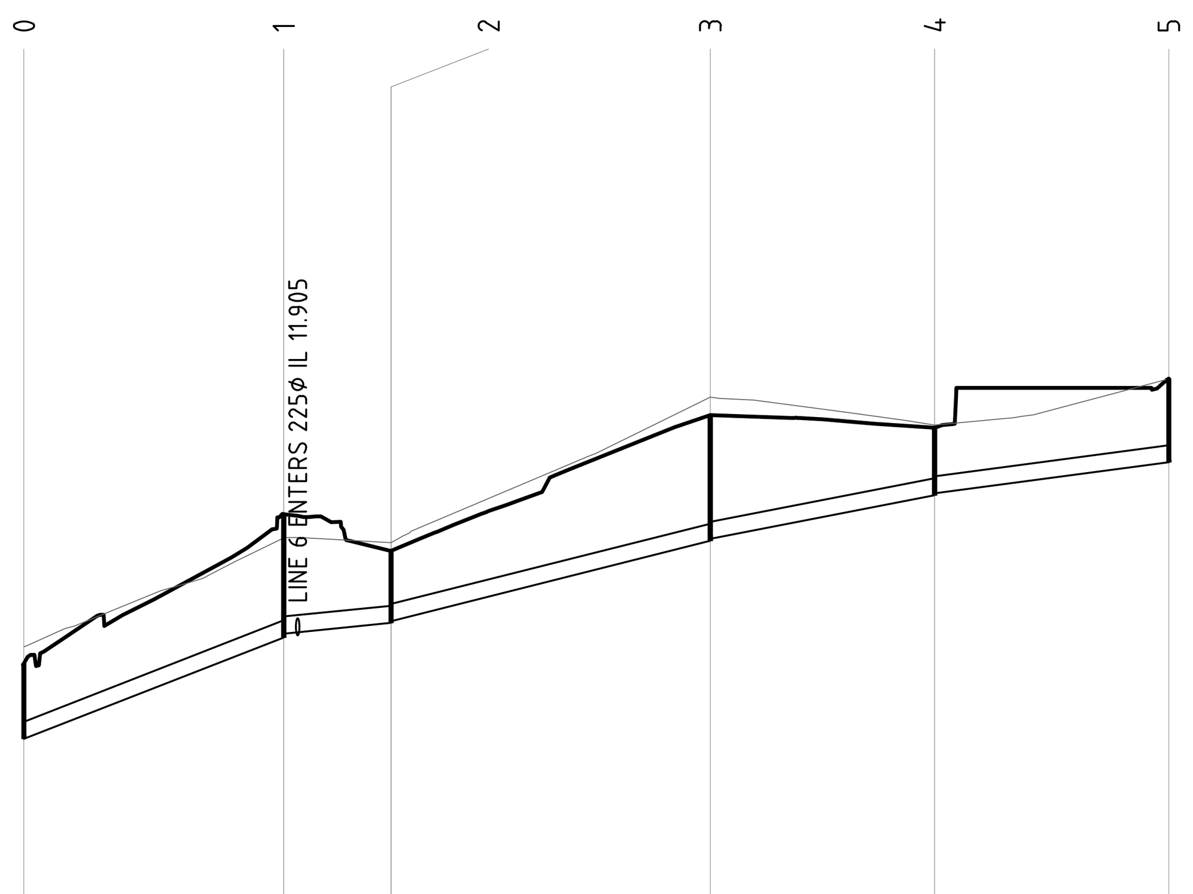
5.728	11.855	11.944
10.000	12.087	12.220
10.059	12.090	12.220
11.507	12.088	12.225
12.531	12.006	12.168
16.741	11.543	11.833
16.820	11.536	11.828
20.000	11.571	11.716
23.918	11.614	11.612
23.996	11.614	11.618
28.396	11.873	12.016
29.103	11.914	12.046
29.603	11.908	12.037
29.682	11.912	12.040
30.000	11.945	12.067
35.382	12.498	12.623
35.460	12.504	12.629
36.356	12.514	12.612
37.063	12.566	12.652
40.000	12.868	12.958
41.490	13.021	13.029
41.533	13.024	13.028
48.656	13.263	13.157
48.734	13.265	13.160
49.603	13.295	13.189
50.000	13.295	13.186
51.551	13.298	13.169
53.121	13.301	13.152
55.919	13.307	13.124
55.998	13.307	13.122
57.783	13.310	13.149
57.862	13.305	13.144
60.000	12.980	12.890
61.519	12.791	12.749
63.049	12.766	12.762
63.098	12.771	12.767
63.177	12.780	12.774
66.667	13.150	13.128

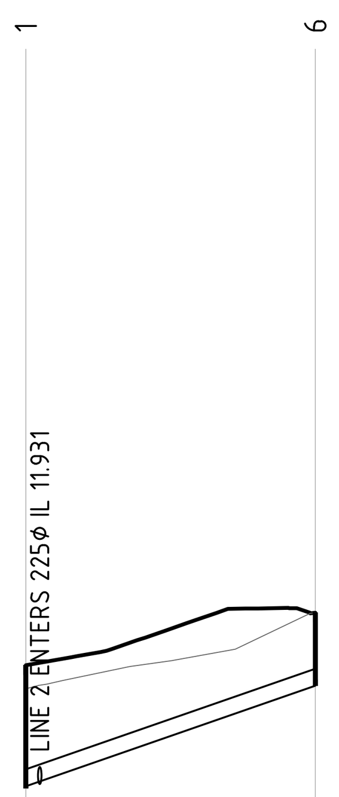
Profile
Scale: Horizontal 1 in 100 Vertical 1 in 20



DATUM RL 6.0m

	0		1		2		3		4		5
Grade %		7.80%		1.98%		5.04%		3.88%		2.65%	
Pipe Diameter		225∅ RRJ RCP		225∅ RRJ RCP		225∅ RRJ RCP		225∅ RRJ RCP		225∅ RRJ RCP	
DEPTH TO INVERT	0.996		1.627 1.576		0.951 0.926		1.659 1.634		0.892 0.867		1.104
INVERT LEVEL	10.540		11.880 11.931		12.071 12.096		13.158 13.183		13.758 13.783		14.193
FINISHED SURFACE	11.536		13.507		13.022		14.817		14.650		15.297
CHAINAGE	0.000	17.176	17.176	7.082	24.258	21.087	45.346	14.826	60.172	15.456	75.628

LINE 1
SCALES: Horizontal 1:500 Vertical 1:100

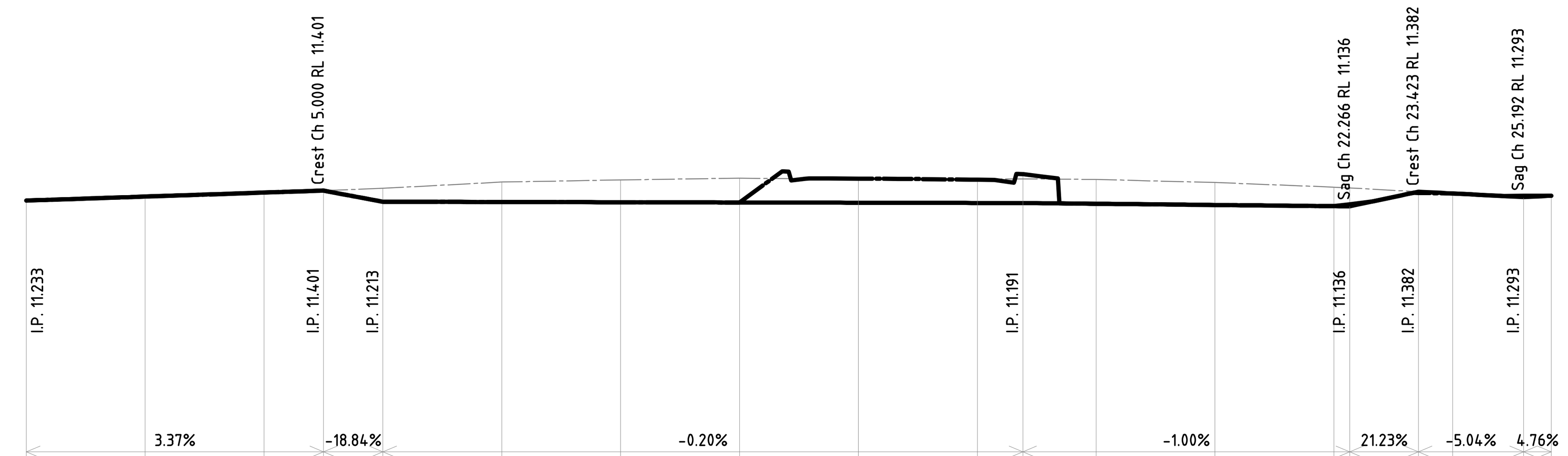


RL 8.0m

	1		6
Grade %		6.95%	
Pipe Diameter		225∅ RRJ RCP	
DEPTH TO INVERT	1.602		0.966
INVERT LEVEL	11.905		13.234
FINISHED SURFACE	13.507		14.200
CHAINAGE	17.176	19.132	36.308

LINE 2
SCALES: Horizontal 1:500 Vertical 1:100

PIPE LONG SECTION



R.L. 5.000

CHAINAGE	FINAL SURFACE	SWALE INVERT	EXISTING SURFACE
0.000	11.233	11.233	11.237
2.000	11.300	11.300	11.300
4.000	11.368	11.368	11.360
5.000	11.401	11.401	11.401
6.000	11.213	11.213	11.440
8.000	11.209	11.209	11.546
10.000	11.205	11.205	11.580
12.000	11.201	11.201	11.612
14.000	11.604	11.197	11.588
16.000	11.585	11.193	11.593
16.767	11.679	11.191	11.598
18.000	11.179	11.179	11.589
20.000	11.159	11.159	11.537
22.000	11.139	11.139	11.459
22.266	11.172	11.136	11.447
23.422	11.362	11.382	11.382
24.000	11.353	11.353	11.347
25.192	11.313	11.293	11.293
25.658	11.315	11.315	11.315

Profile:
Scales: Horizontal 1 in100 Vertical 1 in100

SWALE LONG SECTION

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED

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DESIGNED SJB
DRAWN PL
SCALE A1 1:100
DATE OCT 2023

PROJECT TITLE
EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE
SOUTH KERB AND PIPE LONG SECTIONS

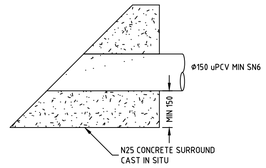
N
NORTH

PROJECT No. 2023.197
SHEET C-11 REV. A

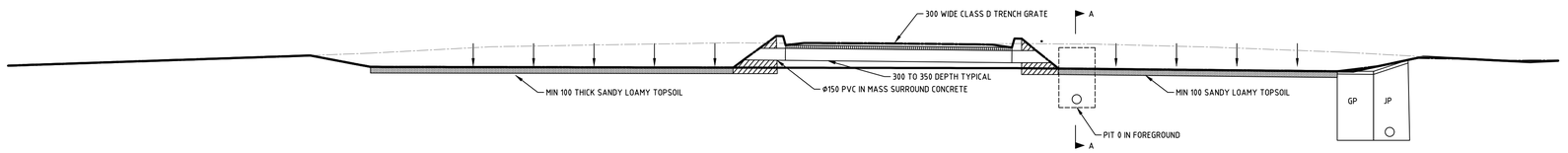
f:\archive\2023\2023.197 ec 15 crawley st\C3D\2023.197 CAR PARK DESIGN.dwg, C-11, 9/05/2024 5:15:31 PM, stephenb, DWG To PDF.pc3, ISO full bleed A1 (841.00 x 594.00 MM), 1:1

Pit Schedule - SW

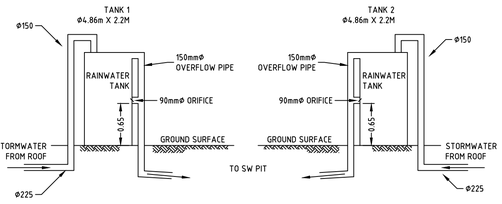
Pit No.	Pit Type	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level	Easting	Northing	Comment
		(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)	(m)	(m)	
0	GP 600x600	600	600			225	10.540	0.996	11.536	628979.56	5752238.395	PIT LID TO MATCH SWALE SLOPE
1	GP 600x600	600	600	225	11.880	225	11.931	1.627	13.507	628963.17	5752233.229	CAN BE JP LID
						225	11.905					
2	GP 900x600	600	900	225	12.071	225	12.096	0.951	13.022	628961.25	5752240.044	
6	GP 600x600	600	600	225	13.234			0.966	14.200	628967.01	5752214.486	
3	JP 900X600	600	900	225	13.158	225	13.183	1.659	14.817	628940.51	5752236.203	
4	GP 900x600	600	900	225	13.758	225	13.783	0.892	14.650	628936.10	5752250.359	
5	GP 900x600	600	900	225	14.193			1.104	15.297	628923.83	5752259.754	EXISTING PIT
-	ORIFICE PIT	900	1400	-	-	-	-	2.2	11.13	-	-	REFER DETAILS



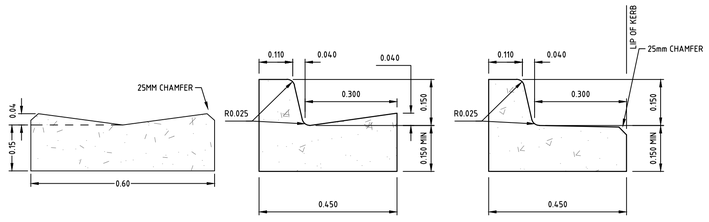
MASS CONCRETE SURROUND DETAIL
NTS.



TYPICAL SWALE PROFILE



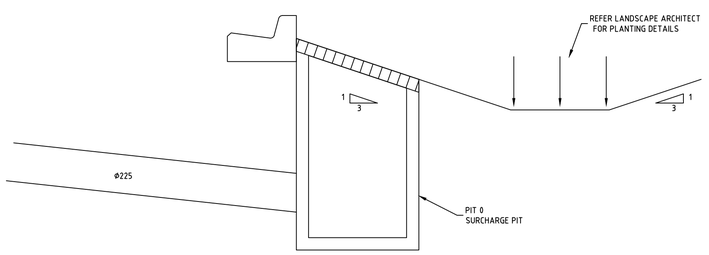
DETENTION TANK DETAIL
N.T.S.



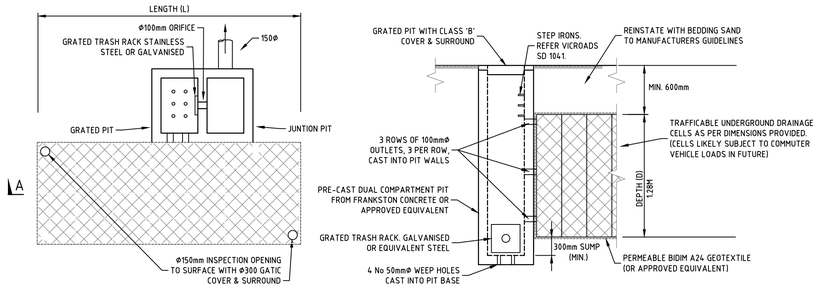
SPOON DRAIN
SCALE 1:10

B2 KERB
SCALE 1:10

B3 KERB
SCALE 1:10



PIT 0 SECTION A-A

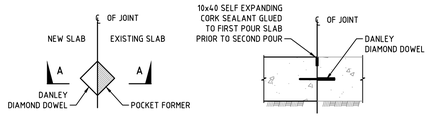


PLAN VIEW

SECTION A-A

TABLE			
L	W	D	V
6m	2.86m	1.28	19.8m³

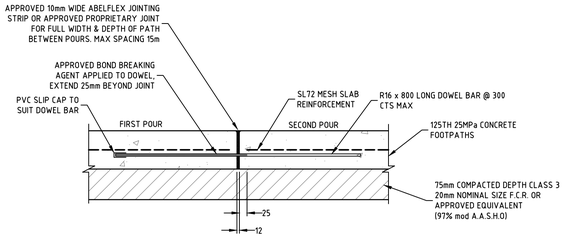
TYPICAL. UNDERGROUND SOAKAGE TANK DETAILS (TRAFFICABLE)
SCALE: N.T.S.



PLAN

SECTION A-A

DIAMOND PLATE DOWEL SYSTEM CONSTRUCTION JOINT (C.J)
N.T.S.



125mm & 150mm FOOTPATH EXPANSION JOINT DETAIL
N.T.S.

REV.	DESCRIPTION	DATE
A	DETAILED DESIGN ISSUE	09/05/2024

APPROVED

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DESIGNED: SJB
DRAWN: PL
SCALE: A1 1:100
DATE: OCT 2023

PROJECT TITLE: EMMANUEL COLLEGE
CRAWLEY STREET, WARRNAMBOOL

DRAWING TITLE: DETAILS

NORTH

PROJECT No. 2023.197
SHEET C-20
REV. A