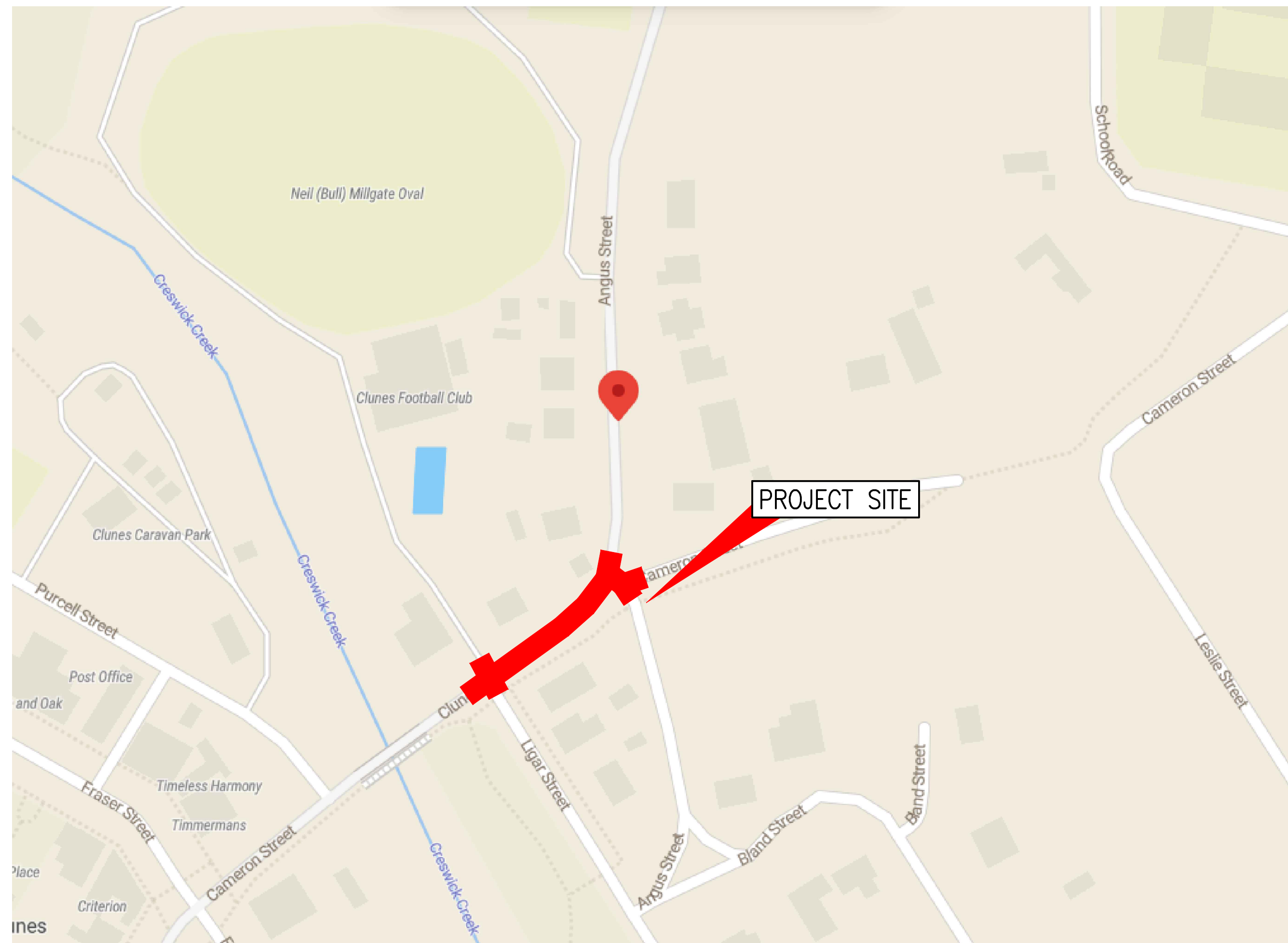




DRAWING INDEX

DRG NO.	REV	DESCRIPTION
C001	A	COVERSHEET AND DRAWING INDEX
C002	A	GENERAL NOTES
C003	A	GENERAL ARRANGEMENT SHEET 1 OF 1
C004	A	SIGNAGE PLAN SHEET 1 OF 1

F				Associated Job Nos . . Auxiliary Drg Nos	Survey Data		Scales	HEPBURN SHIRE COUNCIL				COVERSHEET AND DRAWING INDEX SHEET 1 OF 1												
E					Horiz. Datum	MGA 2020		LIGAR, CAMERON AND ANGUS STREET, CLUNES																
D					Horiz. Grid	.		CTL CHGE								Job No.			.					
C					Height Datum	AHD		Reference Points				ENGINEERING CERTIFICATION (RPEV)				Contract No.		.						
B					Survey Books	.		Dimensions shown in metres except where shown otherwise		Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENG. AREA	SIGNATORY FULL NAME	No.	DATE	Drawing No.		C001		A	
A	ISSUED FOR CONSTRUCTION				.					.	.	.	.	.					Series Number		1		of 1	
CAD FILES				Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title		Date																

1. ALL WORKS TO BE IN ACCORDANCE WITH THE APPROVED PROJECT DOCUMENTATION AND CURRENT LOCAL AUTHORITY STANDARD DRAWINGS, SPECIFICATIONS AND CONDITIONS OF APPROVAL. IN THE ABSENCE OF LOCAL AUTHORITY DETAILS, RELEVANT AUSTRALIAN STANDARDS AND SPECIFICATIONS SHALL APPLY.
2. NOTIFY ALL RELEVANT AUTHORITIES PRIOR TO COMMENCEMENT OF WORK.
3. SHOULD ANY AMBIGUITY, ERROR, OMISSION, DISCREPANCY, INCONSISTENCY OR OTHER FAULT EXIST OR SEEMS TO EXIST IN THE CONTRACT DOCUMENTS, SEEK ADVICE FROM THE SUPERINTENDANT.
4. REINSTATE THE AFFECTED WORK AREA TO PRIOR CONDITION INCLUDING FENCES, GATES, DRIVEWAYS ETC. WITH EXISTING OR MATCHING MATERIALS, UNLESS NOTED OTHERWISE BY THE SUPERINTENDANT.
5. ALL DIMENSIONS SHOWN WITHIN THESE DRAWINGS ARE IN METRES UNLESS NOTED OTHERWISE.
6. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING FROM THESE DRAWINGS.

1. SURVEY PROJECTION: MGA2020.
2. ALL LEVELS TO AUSTRALIAN HEIGHT DATUM (AHD) IN METRES.
3. SETOUT INFORMATION HAS BEEN DERIVED FROM SURVEY FILE.
4. CONTRACTOR TO VERIFY SET OUT AND LEVELS SHOWN ON THESE DRAWINGS BEFORE SITE WORKS, CONSTRUCTION AND FABRICATION COMMENCES. REFER ANY DISCREPANCIES TO THE SUPERINTENDENT BEFORE PROCEEDING.

1. EXISTING SERVICES SHOWN THROUGHOUT THESE DRAWINGS ARE DERIVED FROM FIELD SURVEY, DIAL BEFORE YOU DIG AND GROUND INSPECTION. THE RELATIVE POSITION OF EACH UNDERGROUND SERVICE IS THEREFORE ADVISORY ONLY.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACTUAL LOCATION OF ALL SERVICES PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL PROTECT ALL EXISTING SERVICES DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL LIAISE WITH RELEVANT SERVICE AUTHORITIES PRIOR TO CONSTRUCTION AND GAIN APPROVAL FOR METHOD OF PROTECTION OF ALL SERVICES.
5. THE CONTRACTOR SHALL BEAR THE COST OF ANY RECTIFICATION OF SERVICES DAMAGED DURING OR AS A RESULT OF CONSTRUCTION.
6. ALL WORK ON SERVICES SHALL BE CARRIED OUT BY ACCREDITED SPECIALISTS OF THE RELEVANT UTILITY (SUB CONTRACTOR).
7. WHERE EXCAVATION IS CLOSE TO UTILITY POLES, PROVIDE TEMPORARY PROPS TO ALL UTILITY POLES TO THE RELEVANT AUTHORITIES REQUIREMENTS.
8. ALLOW FOR PROTECTION TO OVERHEAD POWERLINES IN ACCORDANCE WITH ELECTRICAL AUTHORITY REGULATIONS AND REQUIREMENTS.

1. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE APPROVED TRAFFIC MANAGEMENT AND TRAFFIC CONTROL PLAN FOR THE SITE.
2. TRAFFIC MANAGEMENT, LINEMARKING AND SIGNAGE TO CONFORM TO 'THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' / AS1742 REQUIREMENTS.

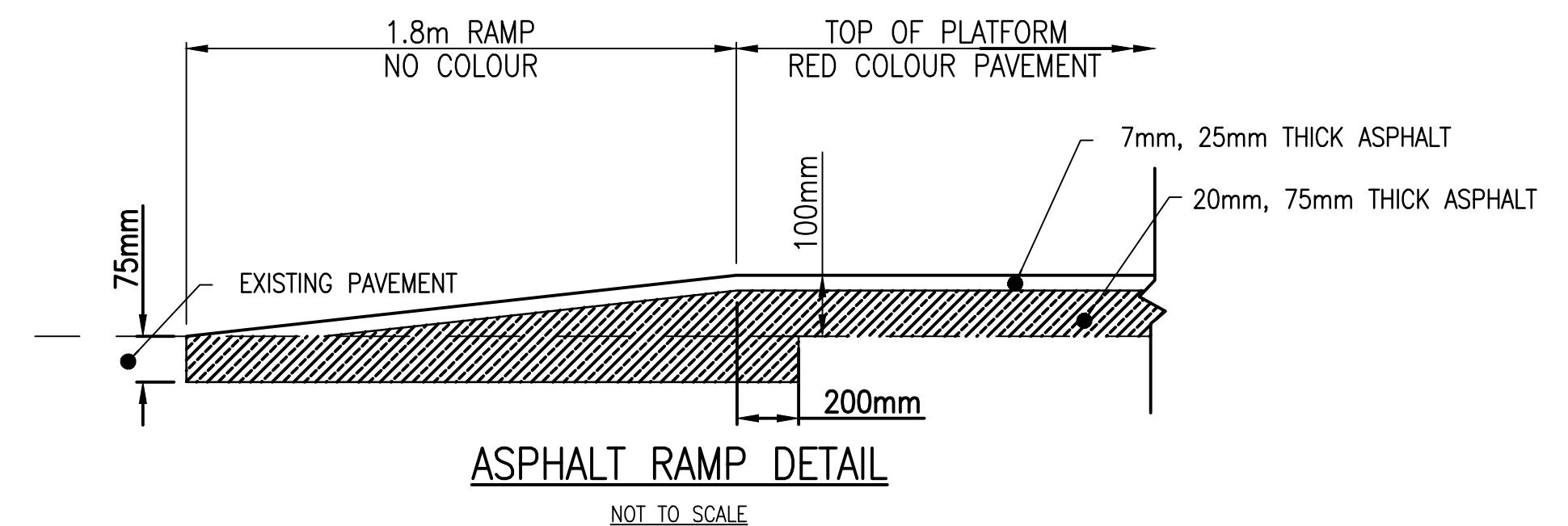
1. DURING CONSTRUCTION ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO CONTROL EROSION AND DOWNSTREAM SEDIMENTATION. MONITOR THE PREVAILING WEATHER CONDITIONS AND PROTECT ANY DOWNSTREAM CONSTRUCTION, GULLY INLETS AND WATERWAYS.
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION" (COMMONLY KNOWN AS THE BLUE BOOK) AND COUNCIL SPECIFICATIONS.

1. NO CLEARING SHALL BE CARRIED OUT BEYOND THE EXTENT OF EARTHWORKS OR WHERE NECESSARY FOR CONSTRUCTION WITHOUT WRITTEN APPROVAL OF THE SUPERINTENDENT.
2. SUITABLE MATERIAL IS TO BE MULCHED FOR REUSE ON SITE.

1. ALL EXCAVATION AND FILLING SHALL BE CONSTRUCTED TO THE REQUIREMENTS OF AS3798 AND IN ACCORDANCE WITH THE LOCAL AUTHORITIES CURRENT SPECIFICATION AND STANDARD DRAWINGS.
2. CONTROL TESTING OF EARTHWORKS TO BE GENERALLY IN ACCORDANCE WITH AS1289.5 & AS3798-2007, WITH LEVEL 1 GEOTECHNICAL CERTIFICATION.
3. VEGETATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF ANY FILL MATERIAL TO THE SATISFACTION OF THE SUPERINTENDENT.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FULLY OPERATIONAL BEFORE COMMENCING EARTHWORKS.
5. ANY EXCAVATIONS WHICH MAY BE REQUIRED ADJACENT TO EXISTING STRUCTURES WILL NEED TO BE SPECIFICALLY DESIGNED TO ENSURE THAT THE STRUCTURES ARE NOT ADVERSELY AFFECTED (E.G. 'UNDERMINED').
6. ROAD EMBANKMENT FILL GREATER THAN 0.3 METRE BELOW PAVEMENT SUBGRADE TO BE COMPACTED TO 95% STANDARD DRY DENSITY IN ACCORDANCE WITH A.S. 1289.5.4.1 OR AS DIRECTED BY THE SUPERINTENDENT.
7. ROAD EMBANKMENT FILL LESS THAN 0.3 METRE BELOW PAVEMENT SUBGRADE TO BE COMPACTED TO 100% STANDARD DRY DENSITY IN ACCORDANCE WITH A.S. 1289.5.4.1 OR AS DIRECTED BY THE SUPERINTENDENT.
8. ALL ROAD EMBANKMENT FILL GREATER THAN 0.5 METRE IN DEPTH SHALL BE SUPERVISED BY A QUALIFIED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH A.S. 3798-2007.
9. IF WET OR SOFT SPOTS IN EXISTING SUBGRADE ARE ENCOUNTERED, CONTACT THE SUPERINTENDANT FOR FURTHER ADVICE.

1. ALL STORMWATER DRAINAGE INFRASTRUCTURE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS AND STANDARD DRAWINGS OF THE LOCAL AUTHORITY.
2. IF NOT NOTED BY THE LOCAL AUTHORITY, ALL PIPES TO BE INSTALLED IN ACCORDANCE WITH AS3725. REFER TO AS3725 FOR GRADING, COMPACTION AND SPECIFICATION FOR BACKFILL, OVERLAY ZONE, HAUNCH ZONE AND BED ZONE MATERIALS.
3. ALL STORMWATER PIPES SHALL BE CLASS '2' R.C.P. R.R.J. WITH HS2 SUPPORT UNLESS OTHERWISE NOTED.
4. BOX CULVERT CROWN UNITS, SPANNING SLABS AND BASE SLABS ARE TO BE EXPOSURE CLASS B2 UNLESS NOTED OTHERWISE.

1. PAVEMENT DESIGN HAS BEEN SUPPLIED BY HEPBURN SHIRE COUNCIL
2. REFER TO DRAWINGS FOR MATERIALS SPECIFICATION AND CONSTRUCTION DETAILS.



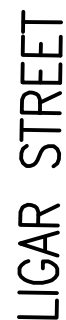
F			Associated Job Nos . . Auxiliary Drg Nos	Survey Data		Scales	HEPBURN SHIRE COUNCIL					GENERAL NOTES SHEET 1 OF 1							
E				Horiz. Datum	MGA 2020		LIGAR, CAMERON AND ANGUS STREET, CLUNES												
D				Horiz. Grid	.													CTL CHGE	
C				Height Datum	AHD		Reference Points					ENGINEERING CERTIFICATION (RPEV)				Job No.	.		
B				Survey Books	.		Dimensions shown in metres except where shown otherwise	Preceding RP	Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENG. AREA	SIGNATORY FULL NAME	No.	DATE	Contract No.	.	
A	ISSUED FOR CONSTRUCTION							.	.	.	.	.					Drawing No.	C002	A
Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title	Date				Through Chainage from .									Series Number	2	of	1
CAD FILES																			

ALIGNMENT MK20->MK20 HORIZONTAL POINTS

PT	CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	747196.348	5868955.860	57°16'41.38"			
TC	0.451	747196.727	5868956.103	57°16'41.38"			
IP 2	2.341	747198.348	5868957.145		R = -8.000	3.781	27°04'37.45"
CC	4.231	747199.317	5868958.809	30°12'03.93"			
IP 3	5.396	747199.913	5868959.834		R = 5.000	2.328	26°40'53.94"
CT	6.560	747200.906	5868960.482	56°52'57.88"			
TC	37.802	747227.073	5868977.551	56°52'57.88"			
IP 4	40.251	747229.135	5868978.896		R = -20.000	4.898	14°01'52.59"
CC	42.699	747230.808	5868980.700	42°51'05.29"			
IP 5	45.918	747233.235	5868983.316		R = 6.000	6.438	61°28'27.27"
CT	49.137	747236.692	5868982.433	104°19'32.56"			
IP 6	52.356	747240.149	5868981.550		R = 6.000	6.438	61°28'27.27"
CT	55.575	747241.024	5868978.091	165°47'59.83"			
TC	57.804	747241.571	5868975.930	165°47'59.83"			
IP 7	58.304	747241.695	5868975.438		R = 2.400	1.000	23°52'23.67"
IP 8	58.804	747241.610	5868974.938	189°40'23.50"			

PT	CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	747247.192	5868990.578	275°21'50.83"			
IP 2	0.500	747246.687	5868990.626		R = -2.400	1.000	23°52'23.67"
CT	1.000	747246.206	5868990.465	251°29'27.16"			
TC	1.173	747246.042	5868990.410	251°29'27.16"			
IP 3	3.413	747243.410	5868989.529		R = -3.000	4.479	85°32'34.82"
CT	5.652	747244.084	5868986.836	165°56'52.34"			
TC	15.297	747246.426	5868977.480	165°56'52.34"			
IP 4	15.797	747246.549	5868976.988		R = -2.400	1.000	23°52'23.67"
IP 5	16.297	747246.861	5868976.588	142°04'28.67"			

PT	CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	747241.220	5869008.738	211°01'08.24"			
IP 2	0.500	747240.959	5869008.303		R = -2.400	1.000	23°52'23.67"
CT	1.000	747240.896	5869007.799	187°08'44.57"			
TC	8.311	747239.986	5869000.545	187°08'44.57"			
IP 3	10.438	747239.721	5868998.427		R = 20.000	4.254	12°11'09.32"
CC	12.565	747239.014	5868996.412	199°19'53.89"			
IP 4	14.206	747238.409	5868994.688		R = -3.000	3.283	62°42'07.67"
CT	15.848	747239.664	5868993.359	136°37'46.22"			
IP 5	17.489	747240.919	5868992.031		R = -3.000	3.283	62°42'07.67"
CT	19.131	747242.675	5868992.537	73°55'38.55"			
TC	21.922	747245.357	5868993.309	73°55'38.55"			
IP 6	22.422	747245.845	5868993.450		R = -2.400	1.000	23°52'23.67"
IP 7	22.922	747246.234	5868993.775	50°03'14.88"			



F			Associated Job Nos	Survey Data		Scales 012345m	HEPBURN SHIRE COUNCIL				GENERAL ARRANGEMENT PLAN SHEET 1 OF 1							
E				Horiz. Datum	MGA 2020		LIGAR, CAMERON AND ANGUS STREET, CLUNES											
D				Auxiliary Drg Nos	Horiz. Grid		.	CTL CHGE										
C					Height Datum		AHD	Reference Points										
B					Survey Books		.	Dimensions shown in metres except where shown otherwise										
A ISSUED FOR CONSTRUCTION						Preceding RP				Dist. to start of job (km)	From start to end of job	From end to Following RP	Following RP	ENG. AREA	ENGINEERING CERTIFICATION (RPEV)	Job No.	.	
Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title	Date													Contract No.	.	
																Drawing No.	C003	A
CAD FILES						Through Chainage from .										Series Number	1	of 1

