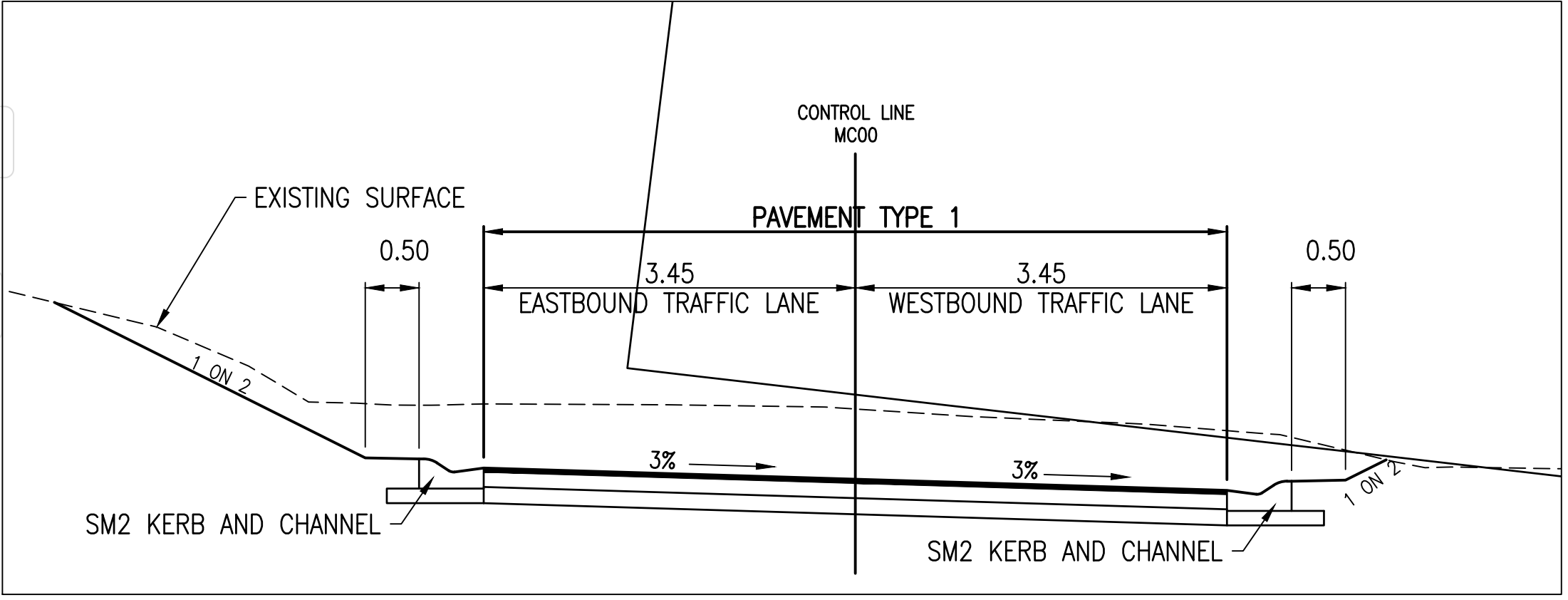




DRG NO.	REV	DESCRIPTION
C001	A	COVERSHEET AND DRAWING INDEX
C002	A	GENERAL NOTES
C003	A	GENERAL ARRANGEMENT SHEET 1 OF 2
C004	A	GENERAL ARRANGEMENT SHEET 2 OF 2
C005	A	LONGITUDINAL SECTION MC00 SHEET 1 OF 2
C006	A	LONGITUDINAL SECTION MC10 & MC10 SHEET 2 OF 2
C007	A	ANNOTATED CROSS SECTION (MC00) SHEET 1 OF 3
C008	A	ANNOTATED CROSS SECTION (MC10) SHEET 2 OF 3
C009	A	ANNOTATED CROSS SECTION (MC20) SHEET 3 OF 3
C010	A	INTERSECTION SETOUT SHEET 1 OF 1

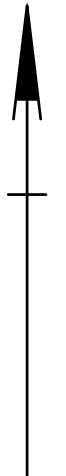
F				Associated Job Nos . . Auxiliary Drg Nos	Survey Data		Scales	HEPBURN SHIRE COUNCIL				COVERSHEET AND DRAWING INDEX SHEET 1 OF 1								
E					Horiz. Datum	MGA 2020		CENTRAL SPRINGS RD & FRAZER RD INTERSECTION												
D					Horiz. Grid	.		CTL CHGE												
C					Height Datum	AHD		Reference 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	PRELIMINARY DESIGN ONLY								.									Drawing No.	C001	A
	Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title	Date												Series Number	1	of 1		
CAD FILES																				



SCALE 1:50 (m)

F			Associated Job Nos . . Auxiliary Drg Nos	Survey Data		Scales 012345m 01.02.0m Dimensions shown in metres except where shown otherwise	HEPBURN SHIRE COUNCIL				GENERAL ARRANGEMENT PLAN SHEET 1 OF 2					
E				Horiz. Datum	MGA 2020		CENTRAL SPRINGS RD & FRAZER RD INTERSECTION									
D				Horiz. Grid	.		CTL CHGE									
C				Height Datum	AHD		Reference Points				ENGINEERING CERTIFICATION (RPEV)				Job No.	.
B				Survey Books	.		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	PRELIMINARY DESIGN ONLY		.	.	.	.	.	.	.	.	.	.	.	.	Drawing No.	C003
Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title	Date	.	.	Through Chainage from				.	.	.	.	Series Number	1	of 1
CAD FILES																

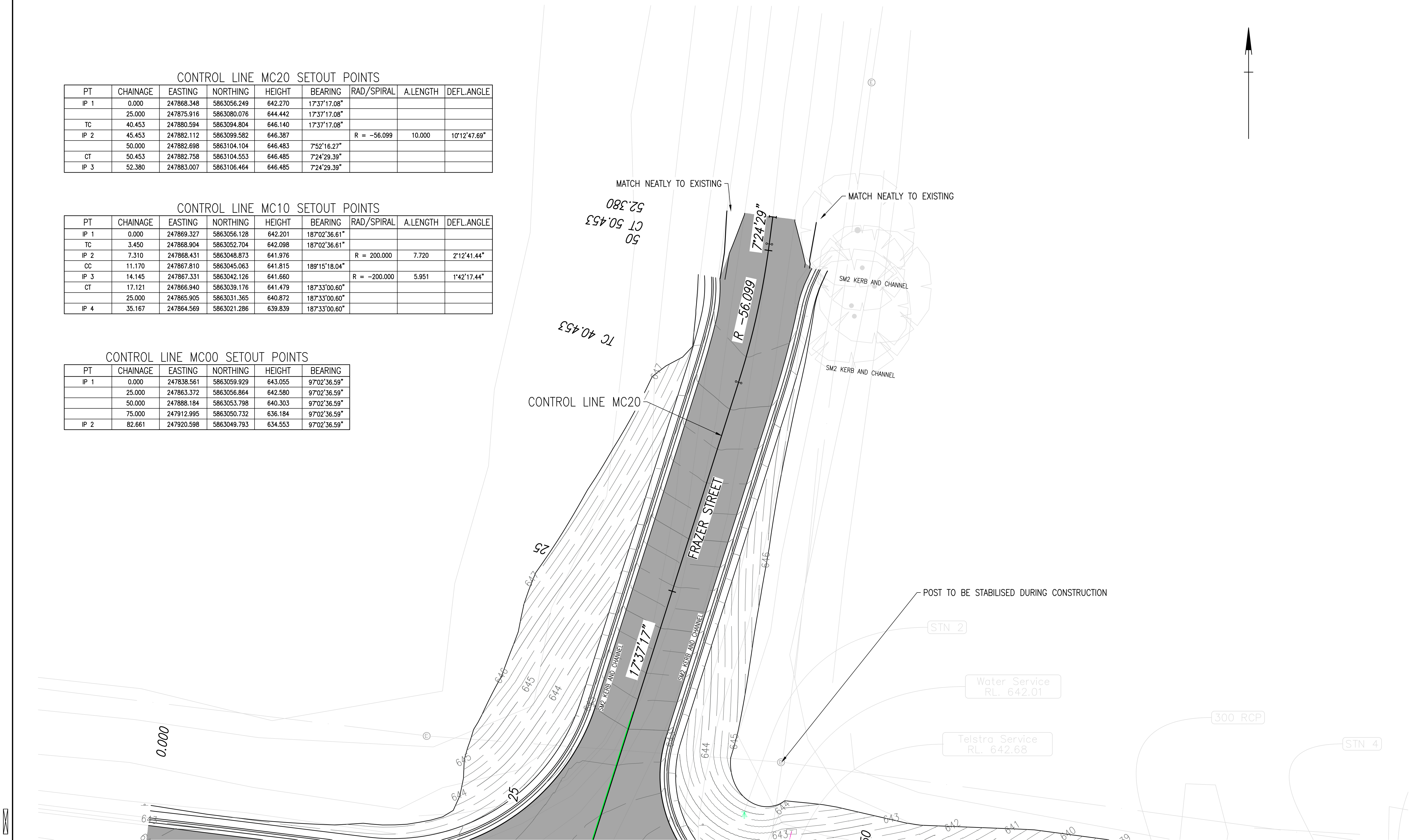
DONEGAL
CIVIL AND TRAFFIC



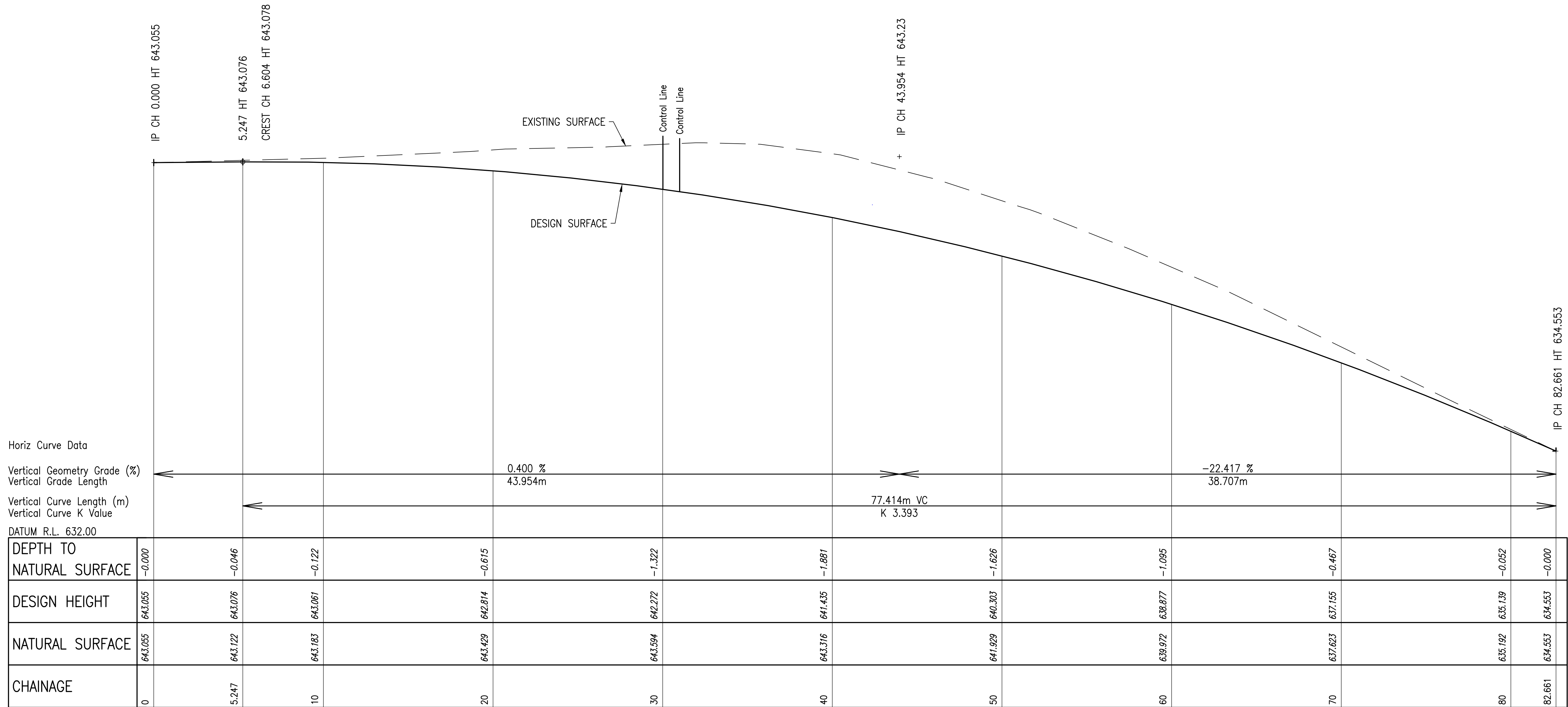
PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247868.348	5863056.249	642.270	17°37'17.08"			
	25.000	247875.916	5863080.076	644.442	17°37'17.08"			
TC	40.453	247880.594	5863094.804	646.140	17°37'17.08"			
IP 2	45.453	247882.112	5863099.582	646.387		R = -56.099	10.000	10°12'47.69"
	50.000	247882.698	5863104.104	646.483	7°52'16.27"			
CT	50.453	247882.758	5863104.553	646.485	7°24'29.39"			
IP 3	52.380	247883.007	5863106.464	646.485	7°24'29.39"			

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247869.327	5863056.128	642.201	187°02'36.61"			
TC	3.450	247868.904	5863052.704	642.098	187°02'36.61"			
IP 2	7.310	247868.431	5863048.873	641.976		R = 200.000	7.720	2°12'41.44"
CC	11.170	247867.810	5863045.063	641.815	189°15'18.04"			
IP 3	14.145	247867.331	5863042.126	641.660		R = -200.000	5.951	1°42'17.44"
CT	17.121	247866.940	5863039.176	641.479	187°33'00.60"			
	25.000	247865.905	5863031.365	640.872	187°33'00.60"			
IP 4	35.167	247864.569	5863021.286	639.839	187°33'00.60"			

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING
IP 1	0.000	247838.561	5863059.929	643.055	97'02"36.59"
	25.000	247863.372	5863056.864	642.580	97'02"36.59"
	50.000	247888.184	5863053.798	640.303	97'02"36.59"
	75.000	247912.995	5863050.732	636.184	97'02"36.59"
IP 2	82.661	247920.598	5863049.793	634.553	97'02"36.59"



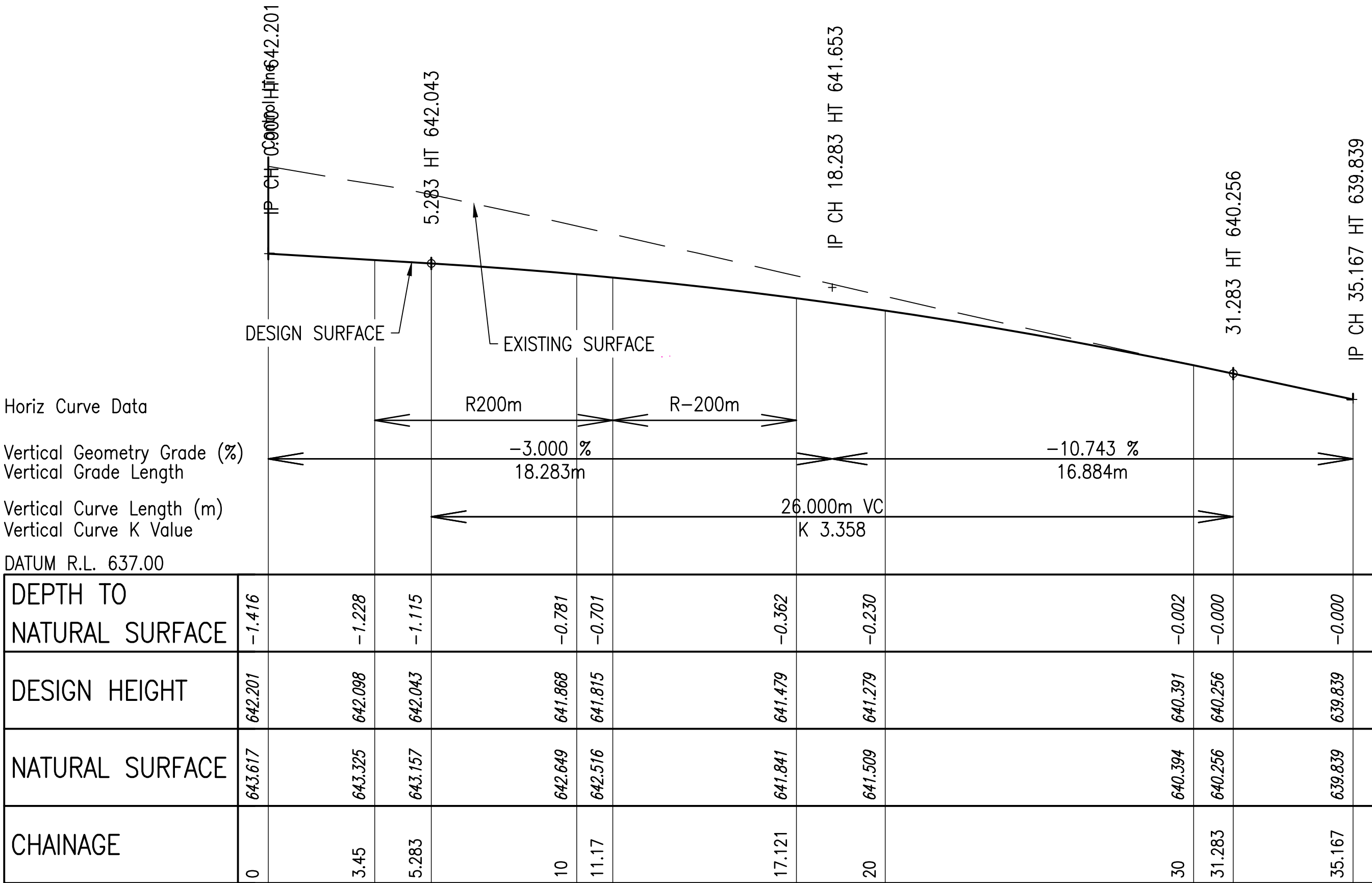
F				Associated Job Nos . . Auxiliary Drg Nos	Survey Data		Scales 012345m 01.02.0m Dimensions shown in metres except where shown otherwise	HEPBURN SHIRE COUNCIL				GENERAL ARRANGEMENT PLAN SHEET 2 OF 2					
E					Horiz. Datum	MGA 2020		CENTRAL SPRINGS RD & FRAZER RD INTERSECTION									
D					Horiz. Grid	.		CTL CHGE									
C					Height Datum	AHD		Reference Points				ENGINEERING CERTIFICATION (RPEV)				Job No.	.
B					Survey Books	.		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	PRELIMINARY DESIGN ONLY					.	.	.	.	.					Drawing No.	C004	A
	Revisions/Descriptions		Signatory: – RPEV Full Name, Eng. Area and RPEV No. or – Full Name and Position Title	Date												Series Number	1 of 1
CAD FILES																	



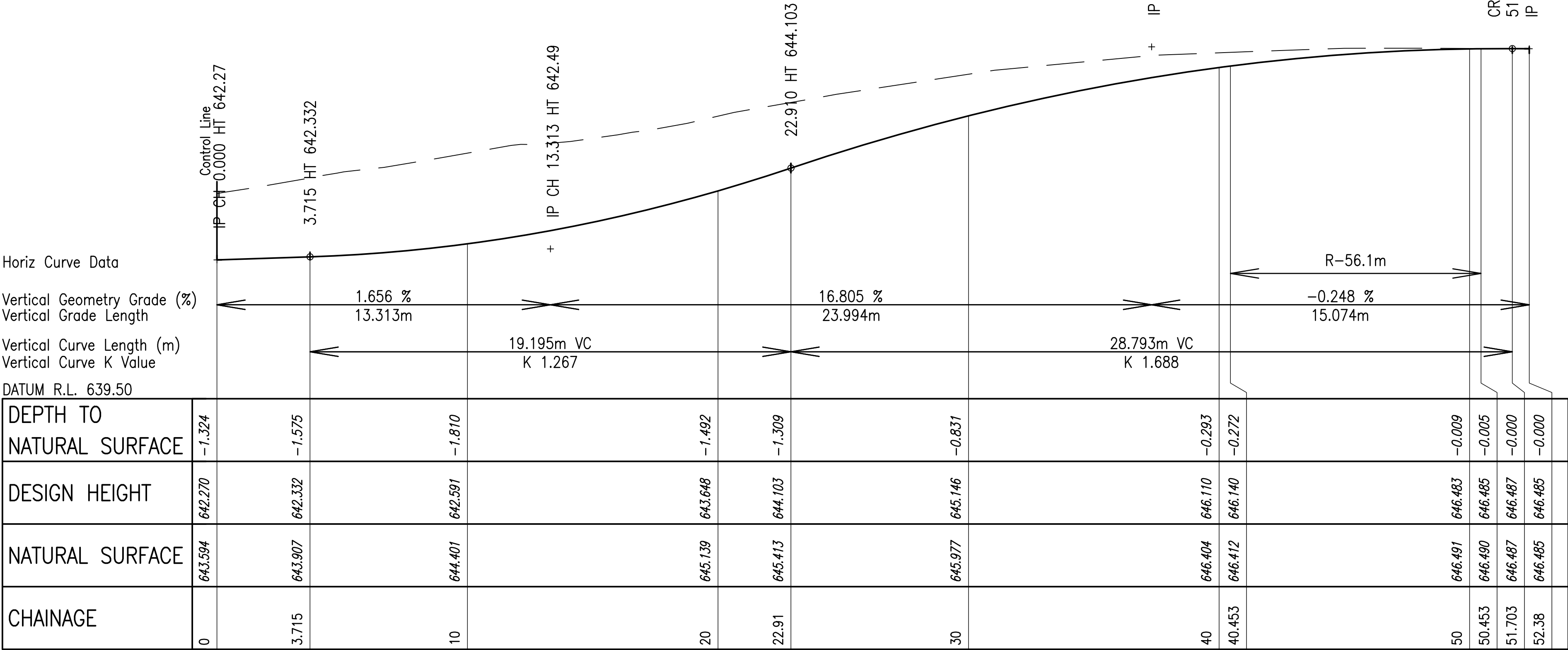
HORIZONTAL SCALE 1:125
VERTICAL SCALE 1:63

LONGITUDINAL SECTION MC00

F				Associated Job Nos	Survey Data	Scales 0 1 2 3 4 5m	HEPBURN SHIRE COUNCIL		LONGITUDINAL SECTION MC00								
E				.	Horiz. Datum		MCA 2020	CENTRAL SPRINGS RD & FRAZER RD INTERSECTION		SHEET 1 OF 2							
D				Auxiliary Drg Nos	Horiz. Grid		.	CTL CHGE									
C				.	Height Datum		AHD	Reference Points		ENGINEERING CERTIFICATION (RPEV)		Job No.					
B				.	Survey Books	.	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	PRELIMINARY DESIGN ONLY						.	.	.	.	.						Drawing No.
Revisions/Descriptions				Signatory: - RPEV Full Name, Eng. Area and RPEV No. or - Full Name and Position Title		Date	Dimensions shown in metres except where shown otherwise		Through Chainage from .								C005
																	1 of 1
CAD FILES																	

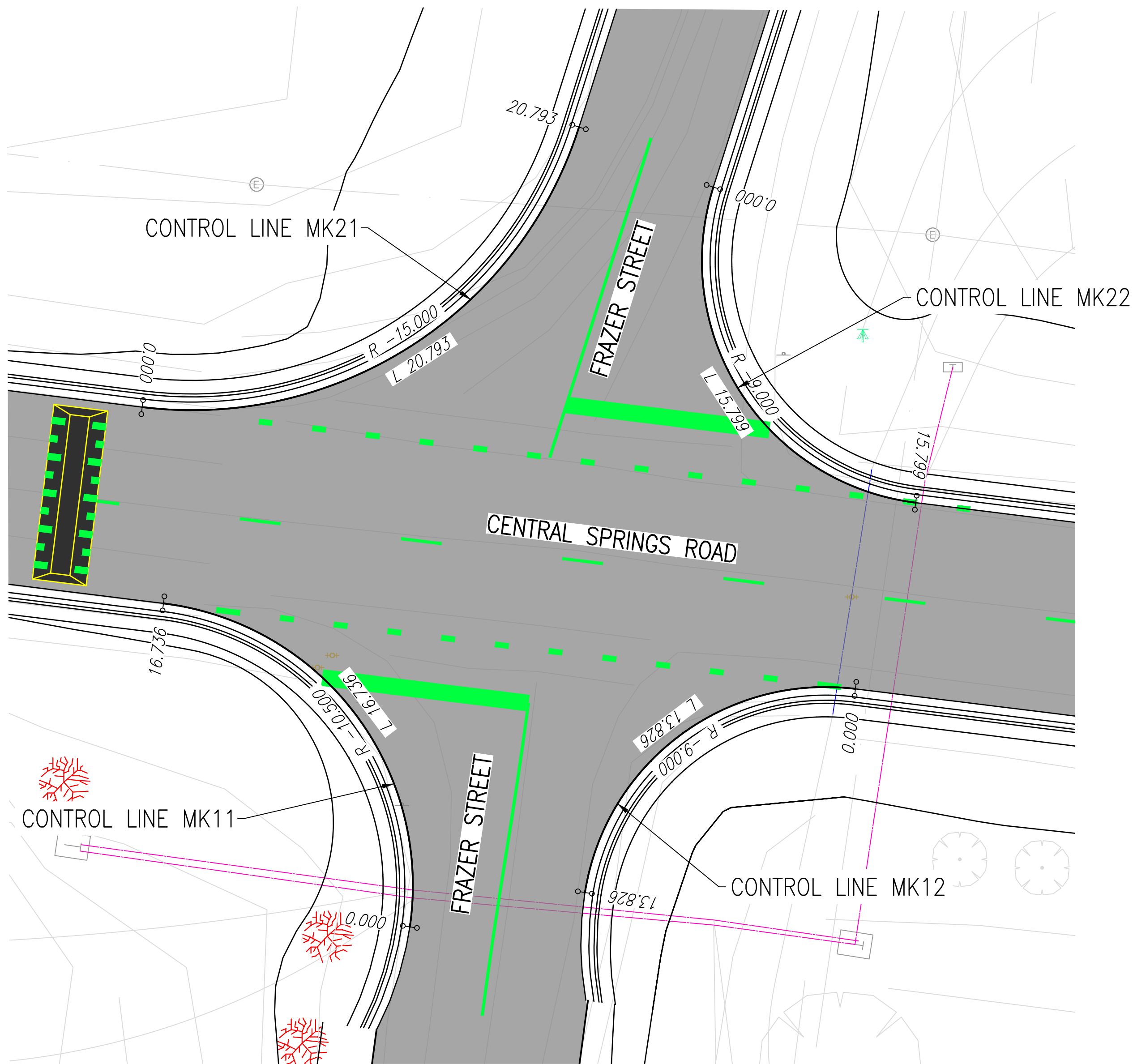


LONGITUDINAL SECTION MC10



LONGITUDINAL SECTION MC20

F				Associated Job Nos	Survey Data	012345m Scales	HEPBURN SHIRE COUNCIL				LONGITUDINAL SECTION MC10 & MC20							
E				.	Horiz. Datum		MCA 2020	CENTRAL SPRINGS RD & FRAZER RD INTERSECTION				SHEET 2 OF 2						
D				Auxiliary Drg Nos	Horiz. Grid		.	CTL CHGE										
C				.	Height Datum		AHD	Reference Points				ENGINEERING CERTIFICATION (RPEV)						
B				.	Survey Books	.	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	Job No.	.	
A	PRELIMINARY DESIGN ONLY			Signatory: - RPEV Full Name, Eng. Area and RPEV No. or - Full Name and Position Title			Date	Through Chainage from .								Contract No.	.	
Revisions/Descriptions															Drawing No.	C006	A	
CAD FILES															Series Number	1	of	1



CONTROL LINE MK11 SETOUT POINTS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247864.268	5863042.452	641.560	8°22'02.94"			
	2.500	247864.336	5863044.945	641.722	354°43'32.28"			
	5.000	247863.813	5863047.384	641.922	341°05'01.61"			
	7.500	247862.730	5863049.631	642.161	327°26'30.94"			
IP 2	8.368	247865.832	5863053.083	642.252		R = -10.500	16.736	91°19'26.34"
	10.000	247861.148	5863051.559	642.412	313°48'00.27"			
	12.500	247859.155	5863053.059	642.608	300°09'29.60"			
	15.000	247856.865	5863054.047	642.747	286°30'58.93"			
IP 3	16.736	247855.168	5863054.401	642.811	277°02'36.61"			

CONTROL LINE MK12 SETOUT POINTS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247880.727	5863051.243	641.032	277°02'36.61"			
	2.500	247878.235	5863051.203	641.300	261°07'40.83"			
	5.000	247875.850	5863050.482	641.542	245°12'45.05"			
	6.913	247872.098	5863052.309	641.668		R = -9.000	13.826	88°01'08.46"
IP 2	7.500	247873.754	5863049.134	641.696	229°17'49.27"			
	10.000	247872.108	5863047.263	641.759	213°22'53.49"			
	12.500	247871.038	5863045.012	641.731	197°27'57.71"			
IP 3	13.826	247870.735	5863043.723	641.679	189°01'28.15"			

CONTROL LINE MK21 SETOUT POINTS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247854.382	5863061.652	643.028	97°02'36.57"			
	2.500	247856.877	5863061.553	642.987	87°29'39.10"			
	5.000	247859.354	5863061.870	642.945	77°56'41.63"			
	7.500	247861.744	5863062.593	642.903	68°23'44.17"			
IP 2	10.000	247863.982	5863063.702	642.861	58°50'46.70"	R = -15.000	20.793	79°25'19.53"
	10.396	247866.746	5863060.124	642.854				
	12.500	247866.004	5863065.167	642.819	49°17'49.23"			
	15.000	247867.755	5863066.948	642.777	39°44'51.76"			
IP 3	17.500	247869.186	5863068.994	642.789	30°11'54.30"			
	20.000	247870.258	5863071.249	642.937	20°38'56.83"			
	20.793	247870.518	5863071.998	643.012	17°37'17.04"			

CONTROL LINE MK22 SETOUT POINTS

PT	CHAINAGE	EASTING	NORTHING	HEIGHT	BEARING	RAD/SPIRAL	A.LENGTH	DEFL.ANGLE
IP 1	0.000	247875.479	5863069.779	642.946	197°37'17.10"			
	2.500	247875.060	5863067.322	642.668	181°42'21.32"			
	5.000	247875.332	5863064.845	642.378	165°47'25.54"			
	7.500	247876.272	5863062.537	642.077	149°52'29.76"			
IP 2	7.899	247872.198	5863059.451	642.027		R = -9.000	15.799	100°34'40.53"
	10.000	247877.809	5863060.576	641.770	133°57'33.98"			
	12.500	247879.825	5863059.111	641.473	118°02'38.20"			
	15.000	247882.165	5863058.255	641.186	102°07'42.42"			
IP 3	15.799	247882.953	5863058.122	641.096	97°02'36.58"			

F				Associated Job Nos	Survey Data	Scales 0 1 2 3 4 5m	HEPBURN SHIRE COUNCIL		INTERSECTION SETOUT SHEET 1 OF 1				Job No.					
E				.	Horiz. Datum		MGA 2020	CENTRAL SPRINGS RD & FRAZER RD INTERSECTION										
D				Auxiliary Drg Nos	Horiz. Grid		.	CTL CHGE										
C				.	Height Datum		AHD	Reference Points		ENGINEERING CERTIFICATION (RPEV)								
B				.	Survey Books	.	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	PRELIMINARY DESIGN ONLY						.	.	.	.	.						Drawing No.	C010
	Revisions/Descriptions			Signatory: - RPEV Full Name, Eng. Area and RPEV No. or - Full Name and Position Title	Date		Dimensions shown in metres except where shown otherwise		Through Chainage from								Series Number	1 of 1
CAD FILES																		