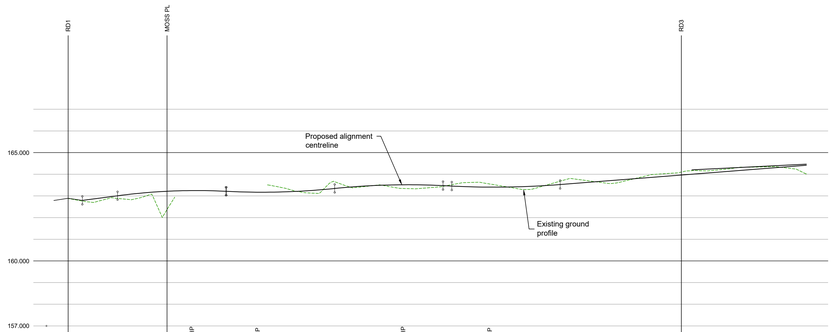
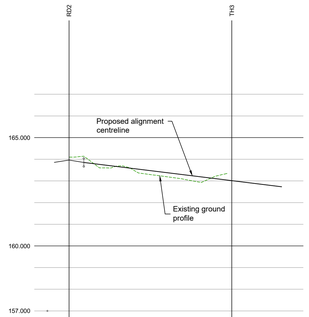
Notes:

1. The information provided on this drawing is preliminary and intended for planning purposes only. NOT FOR CONSTRUCTION.
2. Finished carriageway levels within 'shared surface' areas shall be 100mm above the contour levels indicated. Kerb upstand to shared surface areas shall generally be 25mm.



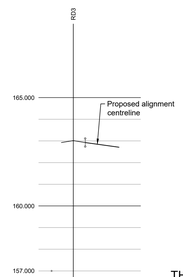
RD2

CHAINAGE	0.000	3.299	10.944	11.422	20.000	22.934	29.371 HP	30.000	36.422	36.922	40.000	44.723 LP	50.000	52.885	60.999	61.527	70.000	77.291 HP	79.135	80.000	88.517	88.847	90.000	98.394 LP	100.000	113.547	120.000	130.000	140.345	141.492	143.928	150.000	150.087	160.000	170.000	170.348
EXISTING GROUND LEVEL	162.884		162.918		162.757								163.395		163.523		163.487						163.573		163.449		163.479		163.700		163.782		164.057		164.200		164.338		164.041	164.015	170.348
ALIGNMENT LEVEL	162.792		162.870		163.007		163.181		163.248	163.248	163.248		163.172		163.189		163.314		163.344		163.474		163.516	163.514	163.475	163.454	163.441		163.406	163.407		163.476		163.525		163.626		163.783		163.939		164.096		164.252		164.409	164.414	164.414
VERTICAL ALIGNMENT		G= 2.650% 1: 37.7			KF= -6.85015		L= 25.000		-100.0		-1.000% 1: -100.0		KF= 8.20188		L= 25.000				KF= -8.19860				-1.000% 1: -100.0		KF= 9.74633		L= 25.000					G= 1.565% 1: 63.9												
HORIZONTAL ALIGNMENT				R= 40.650										R= 50.000																R= 30.000				R= 150.000								



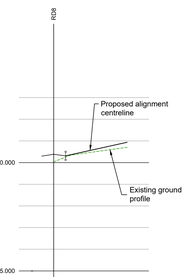
RD3

CHAINAGE	0.000	3.411	10.000	20.000	30.000	37.950	40.000	49.046
EXISTING GROUND LEVEL	164.100	163.852	163.622	163.261	162.948			
ALIGNMENT LEVEL	163.852	163.660	163.444	163.198	162.943	162.750		
VERTICAL ALIGNMENT				G= -2.458% 1: -40.7				
HORIZONTAL ALIGNMENT								



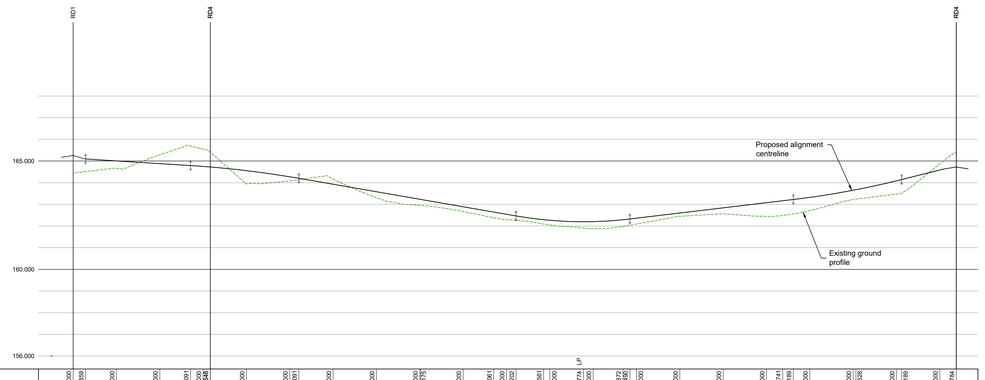
TH3

CHAINAGE	0.000	2.750	10.000	10.350
EXISTING GROUND LEVEL				
ALIGNMENT LEVEL	162.927		162.724	162.708
VERTICAL ALIGNMENT		G= -2.800% 1: -35.7		
HORIZONTAL ALIGNMENT				



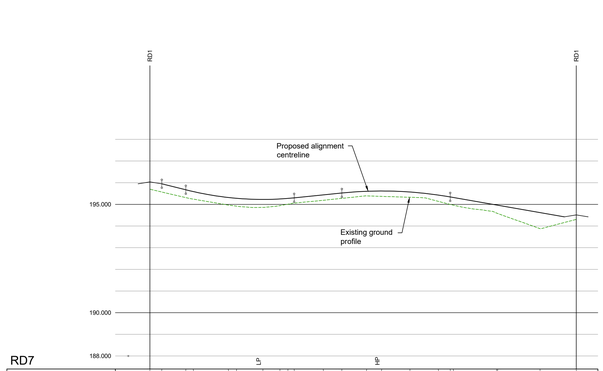
TH8

CHAINAGE	0.000	2.729	10.000	16.847
EXISTING GROUND LEVEL	180.034	180.511	180.699	
ALIGNMENT LEVEL	180.310	180.651	180.939	180.939
VERTICAL ALIGNMENT		G= 4.436% 1: 22.5		
HORIZONTAL ALIGNMENT				



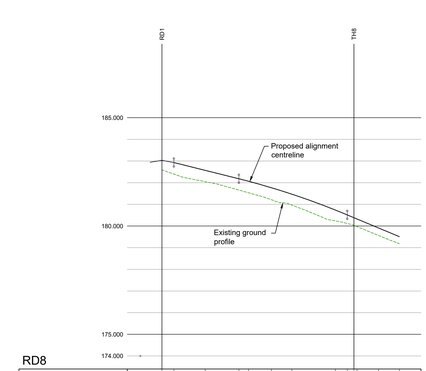
RD4

CHAINAGE	0.000	2.959	10.000	20.000	27.091	30.000	32.948	40.000	50.000	52.091	60.000	70.000	80.000	83.175	90.000	97.991	100.000	102.202	108.561	110.000	117.774	120.000	126.872	128.966	130.000	140.000	150.000	160.000	163.741	166.189	170.000	180.000	180.628	190.000	191.198	200.000	203.784
EXISTING GROUND LEVEL	164.445		164.058		165.287		164.790	165.553	165.038				164.082		164.157		163.307				162.954		162.671		162.443	162.294	162.467		162.045	162.045		162.198		162.335		162.093		162.445		162.710		163.219		163.652		163.474	164.140	
ALIGNMENT LEVEL	165.093		165.004		164.879		164.750	164.555	164.538				164.272		164.201		163.581				163.235		162.899		162.743	162.594	162.467		162.265	162.265		162.203		162.335		162.341		162.599		162.449		162.564		162.637		163.076	163.223		163.321		163.652		164.087	164.140	164.586	164.838
VERTICAL ALIGNMENT		G= -1.250% 1: -80.0			L= 25.000 KF= -11.310						G= -3.460% 1: -28.9																KF= 4.50 L= 26.287						G= 2.381% 1: 42.0						KF= 9.54641 L= 25.000				G= 5.000% 1: 20.0				
HORIZONTAL ALIGNMENT																				R= 10.750							R= 11.657										R= 10.750								



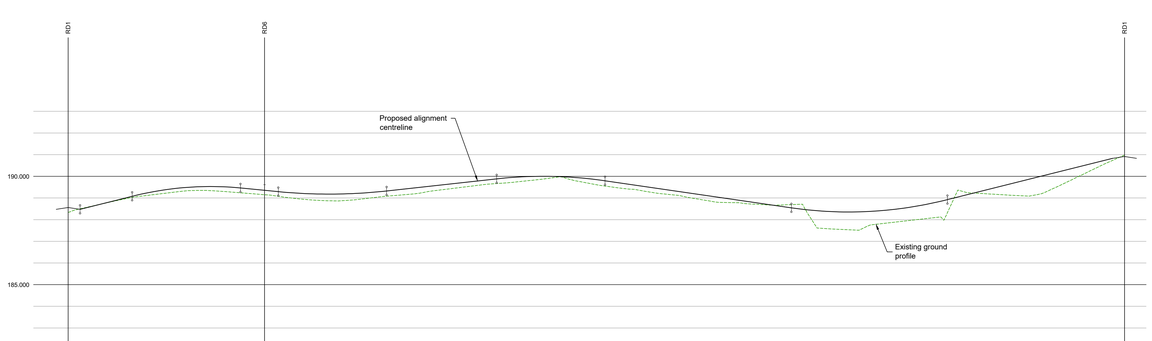
RD7

CHAINAGE	0.000	2.750	8.279	10.000	18.681	20.000	26.078 LP	30.000	31.844	33.279	40.000	44.280	50.000	53.479 HP	60.000	66.528	69.280	70.000	80.000	80.253	90.000	98.371
EXISTING GROUND LEVEL	196.668		196.572	196.572	196.341		196.311						196.396		196.327		196.062		196.055	195.879		194.307
ALIGNMENT LEVEL	195.948		195.872	195.872	195.641		195.279	195.227	195.249	195.300	195.436	195.523	195.602	195.616	195.999	195.341	195.316	194.968	194.955	194.621	194.425	
VERTICAL ALIGNMENT		G= -5.000% 1: -20.0			KF= 3.55930 L= 25.000				G= 2.024% 1: 49.4				L= 25.000 KF= -4.54527						G= -3.476% 1: -28.8			
HORIZONTAL ALIGNMENT							R= 8.750													R= 8.750		



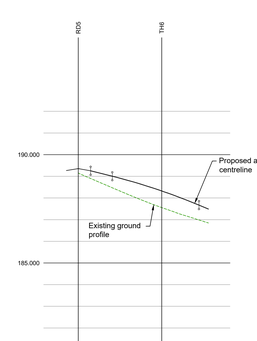
RD8

CHAINAGE	0.000	2.754	10.000	17.754	20.000	25.249	30.000	40.000	42.295	44.969	50.000	54.776
EXISTING GROUND LEVEL	182.993		182.946	182.580	181.533		180.997	180.738	180.240		179.962	
ALIGNMENT LEVEL	182.950	182.956	182.946	182.580	182.564	181.468	180.997	180.738	180.240	180.213	179.962	179.511
VERTICAL ALIGNMENT		G= -5.000% 1: -20.0			L= 25.000 KF= -7.50					G= -8.333% 1: -12.0		
HORIZONTAL ALIGNMENT							R= 50.000					



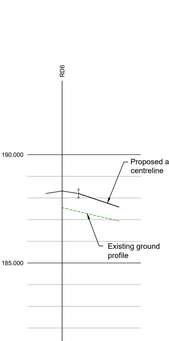
RD5

CHAINAGE	0.000	2.750	10.000	14.783	20.000	25.330	30.000	32.796 HP	36.154	38.783	40.000	47.287	48.644	50.000	60.000	62.217 LP	62.911	70.000	73.494	80.000	89.195	90.000	98.887	100.000	102.343	109.456 HP	110.000	117.883	120.000	123.887	130.000	140.000	145.126	150.000	158.798	160.000	165.651	166.998	170.000	175.438	180.000	180.119	190.000	198.461	200.000	202.898	210.000	215.210	220.000	219.034	230.000	230.770	240.000	243.777
EXISTING GROUND LEVEL	188.331		188.828		189.161		189.349				189.298				189.034		188.871				189.195				189.472				189.876				189.126		188.798		188.651		188.510		188.536		188.304		188.461		188.789		189.279		189.779		189.868		190.279		190.647	190.860
ALIGNMENT LEVEL	188.478		188.840		189.079		189.302	189.519	189.529		189.482	189.458		189.293	189.265		189.179	189.179		189.258	189.325		189.468		189.897		189.883		190.001	190.001		189.892		189.794		189.617		189.327		189.037		188.746		188.546		188.467		188.354	188.304		188.461		188.789		189.279		189.779		190.279		190.779	190.830
VERTICAL ALIGNMENT		G= 5.000% 1: 20.0			KF= -3.60264		L= 25.000				-1.939% 1: -51.6				KF= 6.04496 L= 25.000				G= 2.196% 1: 45.5						L= 25.000 KF= -4.90330						G= -2.902% 1: -34.5						KF= 4.55564 L= 36.000								G= 5.000% 1: 20.0								
HORIZONTAL ALIGNMENT						R= 50.000						R= 50.000																																												



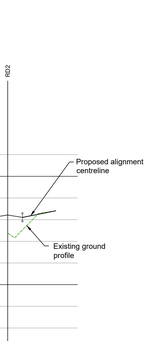
RD6

CHAINAGE	0.000	2.863	7.863	8.000	19.262	20.000	27.863	30.000
EXISTING GROUND LEVEL	189.151		189.003	189.003	188.286		187.504	187.504
ALIGNMENT LEVEL	189.253		189.003	188.892	188.286	188.273	187.669	187.491
VERTICAL ALIGNMENT			-5.000% 1: -20.0		L= 20.000 KF= -6.0		-6.333% 1: -12.6	
HORIZONTAL ALIGNMENT				R= 20.000				



TH6

CHAINAGE	0.000	3.850	10.000	13.135
EXISTING GROUND LEVEL	187.566	187.082	187.082	186.940
ALIGNMENT LEVEL	188.206	187.793	187.584	187.584
VERTICAL ALIGNMENT		G= -6.667% 1: -15.0		
HORIZONTAL ALIGNMENT				



MOSS PL

CHAINAGE	0.000	3.488	10.000	11.094
EXISTING GROUND LEVEL	162.376		163.375	163.408
ALIGNMENT LEVEL	163.106	163.385	163.375	163.408
VERTICAL ALIGNMENT		G= 3.932% 1: 25.4		
HORIZONTAL ALIGNMENT				

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rev	date	description	by
A	May 2023	Proposed vertical alignments RD4, RD5 & RD7 updated.	RMJ
B	Aug 2023	Alignments RD2, RD3, RD6, RD & TH6 revised; TH3 & MOSS PL added.	RMJ

rev	date	description	by
-	-	-	-

Status:

SKETCH

Drawn: RMJ
Checked: RMJ
Date: April 2023
Scale: 1:500(H); 1:100(V)

Client: ASD Build Limited
Project: Moss Place, Abernant
Title: Sketch Road Long. Sections - 4 of 4
Ref: 2696-600-4 Rev: B

spring design
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