



- LONGSECTIONS LEGEND**
- EXISTING GROUND PROFILE (Green dashed line)
 - PROPOSED GROUND PROFILE (Red solid line)
 - VERTICAL CURVATURE (Blue line)

ROAD 12.2.2 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	10.000	18.961
EXISTING GROUND LEVELS	59.201	58.181	58.160
PROPOSED LEVELS	59.393	59.246	59.150
VERTICAL GEOMETRY	G = -2.504% -1.30.9		
HORIZONTAL GEOMETRY	L = 18.961		

ROAD 12.2.3 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	9.750
EXISTING GROUND LEVELS	59.500	59.535
PROPOSED LEVELS	59.698	59.759
VERTICAL GEOMETRY	G = -2.560% -1.40.0 - 1.100.0	
HORIZONTAL GEOMETRY	L = 9.750	

ROAD 12 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	124.524
EXISTING GROUND LEVELS	61.004	60.379	59.900	59.572	59.308	59.163	59.040	59.000	59.109	59.068	59.000	58.375	58.366	58.390
PROPOSED LEVELS	61.004	60.379	59.900	59.572	59.308	59.163	59.040	59.000	59.109	59.068	59.000	58.375	58.366	58.390
VERTICAL GEOMETRY	G = -1.000% -1.100.0													
HORIZONTAL GEOMETRY	L = 8.415		R: 102.750 R: 102.750 L: 12.808 L: 2.796		L = 13.206		R: 147.250 R: 152.750 L: 6.839 L: 2.746 - 7.085		L = 70.634					

ROAD 12.2.1 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	10.000	19.680
EXISTING GROUND LEVELS	59.232	59.232	59.261
PROPOSED LEVELS	59.698	59.698	59.698
VERTICAL GEOMETRY	G = -2.497% -1.40.0		
HORIZONTAL GEOMETRY	L = 19.680		

16_053_031 - BARNHILL GARDEN VILLAGE SHD - PROPOSED INTERNAL ROADS AND LONGSECTIONS
ROADS 12, 12.1, 12.1.1, 12.2, 12.2.1, 12.2.2 & 12.2.3 - SHEET 14 OF 15
PLAN VIEW SCALE - 1:500 @ A1

ROAD 12.1 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	57.818
EXISTING GROUND LEVELS	59.638	59.428	59.335	59.428	59.264	59.100	59.090
PROPOSED LEVELS	60.724	60.510	60.310	60.110	59.910	59.710	59.554
VERTICAL GEOMETRY	G = -2.500% -1.40.0		G = -2.000% -1.50.0				
HORIZONTAL GEOMETRY	L = 3.341		R: 40.000 L: 14.855		R: 219.139 L: 39.623		

ROAD 12.1.1 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	9.764
EXISTING GROUND LEVELS	59.688	59.548
PROPOSED LEVELS	59.688	59.548
VERTICAL GEOMETRY	G = -2.500% -1.40.0	
HORIZONTAL GEOMETRY	L = 9.764	

ROAD 12.2 LONGSECTION
SCALE: H 1:500, V 1:100.
DATUM: 55.000

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	191.901				
EXISTING GROUND LEVELS	59.005	59.599	59.343	59.190	59.249	59.329	59.344	59.355	59.379	59.353	59.318	59.189	59.121	59.122	59.164	59.244	59.244	59.454	59.493	59.482	59.554			
PROPOSED LEVELS	60.005	59.888	59.821	59.754	59.688	59.621	59.554	59.488	59.421	59.354	59.285	59.218	59.151	59.084	59.018	58.951	58.884	58.818	58.751	58.684	58.618			
VERTICAL GEOMETRY	G = -2.500% -1.40.0		G = -0.667% -1.149.9										R = 230.000 L = 3.069		G = 0.667% 1.149.9									
HORIZONTAL GEOMETRY	L = 4.750		R: 40.000 L: 10.919		R: 288.029 L: 115.844										R: 8.750 L: 13.774		L = 46.615							

