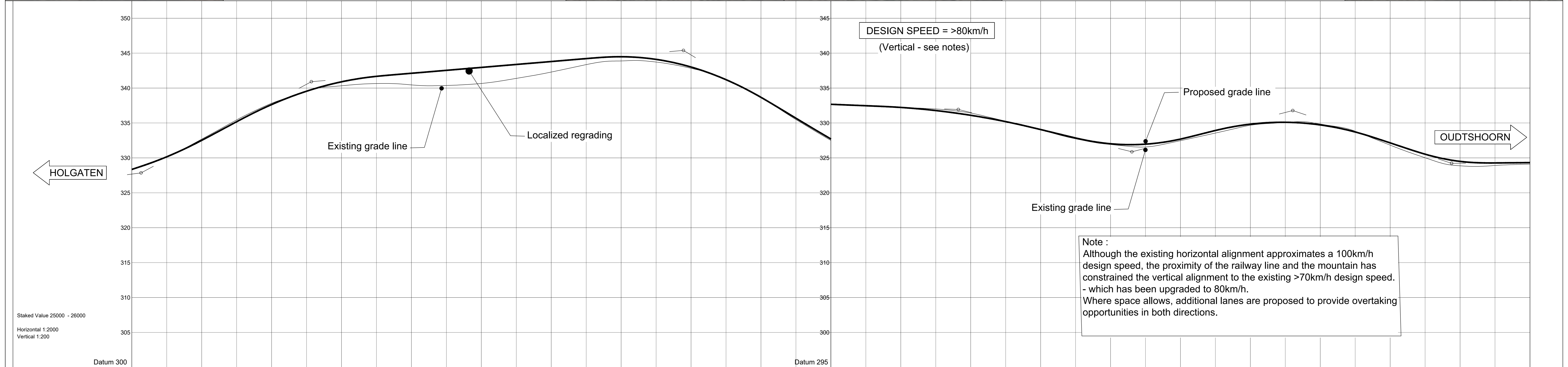
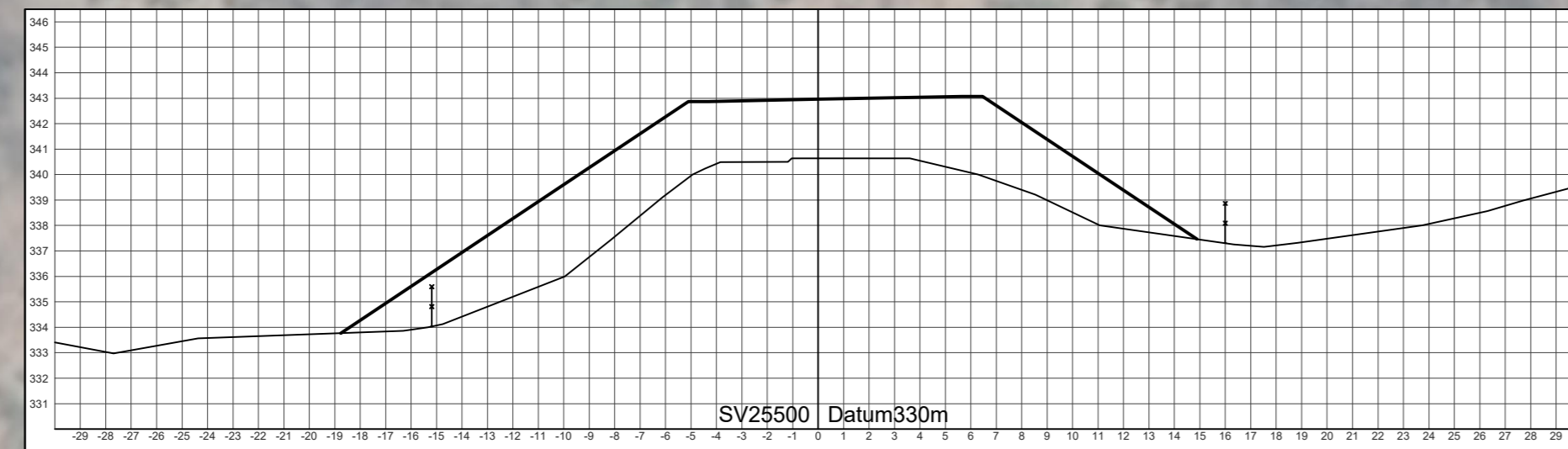
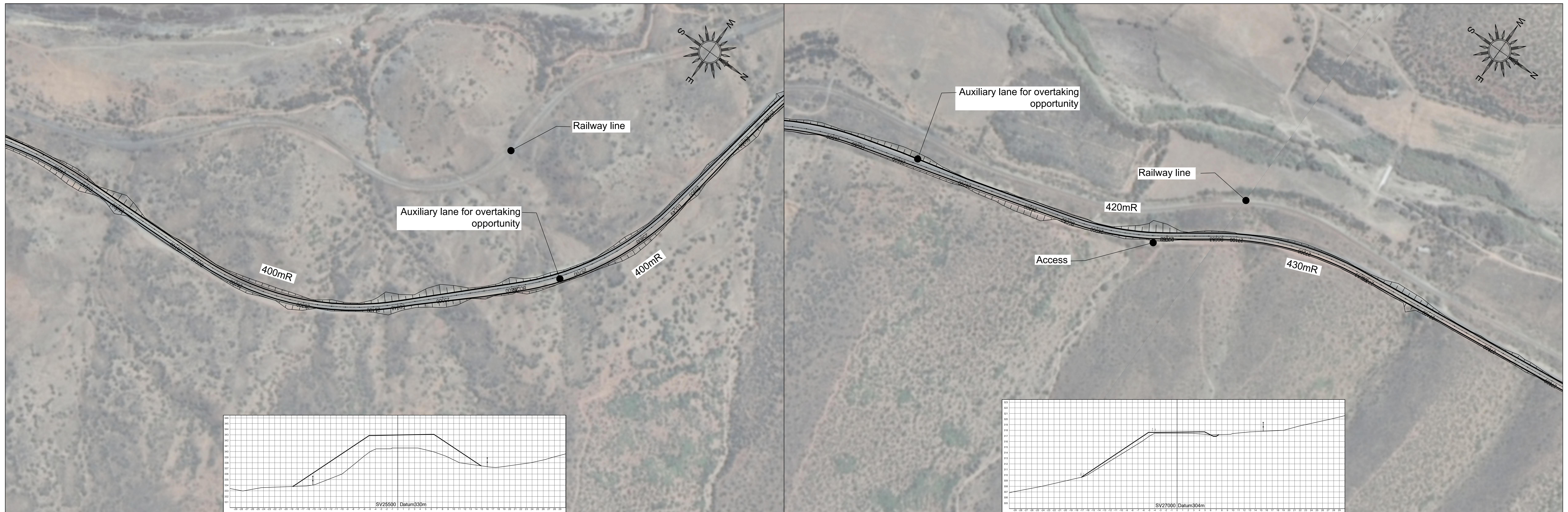
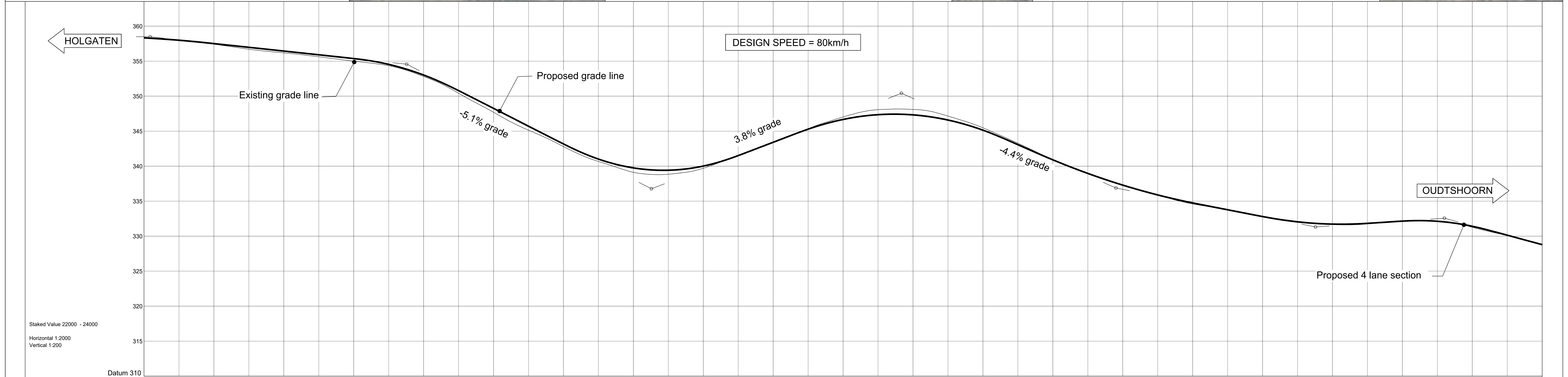


Staked Value	Existing Surface level	Centre line	Grades	Vertical Curves	Horizontal Curves
22000.00	358.25	22000.00	0.0%	160.0m VC K=156.4	dir 112.55.52
22010.00	358.21	22010.00	-1.1%		dir 113.22.33
22020.00	358.08	22020.00			Curve 40 R R=150.0 ds= 58.27.26
22030.00	357.91	22030.00			dir 171.50.00
22040.00	357.72	22040.00			Curve 41 L R=250.0 ds= 47.22.17
22050.00	357.51	22050.00			Curve 42 L R=370.0 ds= 7.02.35
22060.00	357.30	22060.00			Curve 43 L R=250.0 ds= 3.50.06
22070.00	357.08	22070.00			Curve 44 R R=245.0 ds= 36.15.07
22080.00	356.87	22080.00			Curve 45 R R=380.0 ds= 11.44.40
22090.00	356.66	22090.00			dir 161.34.47
22100.00	356.44	22100.00			
22110.00	356.23	22110.00			
22120.00	356.02	22120.00			
22130.00	355.80	22130.00			
22140.00	355.59	22140.00			
22150.00	355.38	22150.00			
22160.00	355.17	22160.00			
22170.00	354.96	22170.00			
22180.00	354.75	22180.00			
22190.00	354.54	22190.00			
22200.00	354.33	22200.00			
22210.00	354.12	22210.00			
22220.00	353.91	22220.00			
22230.00	353.70	22230.00			
22240.00	353.49	22240.00			
22250.00	353.28	22250.00			
22260.00	353.07	22260.00			
22270.00	352.86	22270.00			
22280.00	352.65	22280.00			
22290.00	352.44	22290.00			
22300.00	352.23	22300.00			
22310.00	352.02	22310.00			
22320.00	351.81	22320.00			
22330.00	351.60	22330.00			
22340.00	351.39	22340.00			
22350.00	351.18	22350.00			
22360.00	350.97	22360.00			
22370.00	350.76	22370.00			
22380.00	350.55	22380.00			
22390.00	350.34	22390.00			
22400.00	350.13	22400.00			
22410.00	349.92	22410.00			
22420.00	349.71	22420.00			
22430.00	349.50	22430.00			
22440.00	349.29	22440.00			
22450.00	349.08	22450.00			
22460.00	348.87	22460.00			
22470.00	348.66	22470.00			
22480.00	348.45	22480.00			
22490.00	348.24	22490.00			
22500.00	348.03	22500.00			
22510.00	347.82	22510.00			
22520.00	347.61	22520.00			
22530.00	347.40	22530.00			
22540.00	347.19	22540.00			
22550.00	346.98	22550.00			
22560.00	346.77	22560.00			
22570.00	346.56	22570.00			
22580.00	346.35	22580.00			
22590.00	346.14	22590.00			
22600.00	345.93	22600.00			
22610.00	345.72	22610.00			
22620.00	345.51	22620.00			
22630.00	345.30	22630.00			
22640.00	345.09	22640.00			
22650.00	344.88	22650.00			
22660.00	344.67	22660.00			
22670.00	344.46	22670.00			
22680.00	344.25	22680.00			
22690.00	344.04	22690.00			
22700.00	343.83	22700.00			
22710.00	343.62	22710.00			
22720.00	343.41	22720.00			
22730.00	343.20	22730.00			
22740.00	342.99	22740.00			
22750.00	342.78	22750.00			
22760.00	342.57	22760.00			
22770.00	342.36	22770.00			
22780.00	342.15	22780.00			
22790.00	341.94	22790.00			
22800.00	341.73	22800.00			
22810.00	341.52	22810.00			
22820.00	341.31	22820.00			
22830.00	341.10	22830.00			
22840.00	340.89	22840.00			
22850.00	340.68	22850.00			
22860.00	340.47	22860.00			
22870.00	340.26	22870.00			
22880.00	340.05	22880.00			
22890.00	339.84	22890.00			
22900.00	339.63	22900.00			
22910.00	339.42	22910.00			
22920.00	339.21	22920.00			
22930.00	339.00	22930.00			
22940.00	338.79	22940.00			
22950.00	338.58	22950.00			
22960.00	338.37	22960.00			
22970.00	338.16	22970.00			
22980.00	337.95	22980.00			
22990.00	337.74	22990.00			
23000.00	337.53	23000.00			
23010.00	337.32	23010.00			
23020.00	337.11	23020.00			
23030.00	336.90	23030.00			
23040.00	336.69	23040.00			
23050.00	336.48	23050.00			
23060.00	336.27	23060.00			
23070.00	336.06	23070.00			
23080.00	335.85	23080.00			
23090.00	335.64	23090.00			
23100.00	335.43	23100.00			
23110.00	335.22	23110.00			
23120.00	335.01	23120.00			
23130.00	334.80	23130.00			
23140.00	334.59	23140.00			
23150.00	334.38	23150.00			
23160.00	334.17	23160.00			
23170.00	333.96	23170.00			
23180.00	333.75	23180.00			
23190.00	333.54	23190.00			
23200.00	333.33	23200.00			
23210.00	333.12	23210.00			
23220.00	332.91	23220.00			
23230.00	332.70	23230.00			
23240.00	332.49	23240.00			
23250.00	332.28	23250.00			
23260.00	332.07	23260.00			
23270.00	331.86	23270.00			
23280.00	331.65	23280.00			
23290.00	331.44	23290.00			
23300.00	331.23	23300.00			
23310.00	331.02	23310.00			
23320.00	330.81	23320.00			
23330.00	330.60	23330.00			
23340.00	330.39	23340.00			
23350.00	330.18	23350.00			
23360.00	329.97	23360.00			
23370.00	329.76	23370.00			
23380.00	329.55	23380.00			
23390.00	329.34	23390.00			
23400.00	329.13	23400.00			

NO.	DATE	ADDITIONS AND AMENDMENTS	APPROVED		DESIGNED BY: A SAUER	 KANTEY & TEMPLER CONSULTING ENGINEERS <small>ESTABLISHED 1953 Cape Town +27 21 405 9800 www.kantey.co.za</small>	 Western Cape Government Transport and Public Works	APPROVED <small>THIS APPROVAL IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING</small> PROVINCIAL ROADS ENGINEER DATE _____	CONTRACT NO C1117: PAVEMENT STRENGTHENING OF TR75/1 (KM 16.50 TO KM 31.22) NEAR OUDTSHOORN Localised Geometric Improvements: Layout and Long Section: km 22.00 - km 24.00	P.R.E.'s FILE No. TPW 16/6/4/1/5 - TR7501 - C1117 CONTRACT No. C1117 CONSULTANTS DWG No. 15675R-02-53	SCALE 1:2 000 WCG STRUCTURE PLAN WCG INDEX No. _____ VER A
			CONS. PB	PRE. MH							



Staked Value	Existing Surface level	Centre line	Grades	Vertical Curves	Horizontal Curves
25013.3	327.9	25013.3	5.4 %	180.0m VC K=44.1	dir. 178.30.22
25015.0	328.0	25015.0	5.4 %	200.0m VC K=44.2	Curve 48 L R=400.0 da= 42.42.34
25016.7	328.1	25016.7	5.4 %	240.0m VC K=34.9	Curve 49 L R=400.0 da= 36.09.38
25018.4	328.2	25018.4	5.4 %	220.0m VC K=31.9	Curve 50 R R=4430.0 da= 64.50.56
25020.1	328.3	25020.1	5.4 %	160.0m VC K=31.9	Curve 51 L R=420.0 da= 19.33.42
25021.8	328.4	25021.8	5.4 %	230.0m VC K=39.0	Curve 52 R R=400.0 da= 29.09.12
25023.5	328.5	25023.5	5.4 %	100.0m VC K=29.2	Curve 53 R R=400.0 da= 29.09.12
25025.2	328.6	25025.2	5.4 %	100.0m VC K=29.2	Curve 54 R R=400.0 da= 29.09.12
25026.9	328.7	25026.9	5.4 %	100.0m VC K=29.2	Curve 55 R R=400.0 da= 29.09.12
25028.6	328.8	25028.6	5.4 %	100.0m VC K=29.2	Curve 56 R R=400.0 da= 29.09.12
25030.3	328.9	25030.3	5.4 %	100.0m VC K=29.2	Curve 57 R R=400.0 da= 29.09.12
25032.0	329.0	25032.0	5.4 %	100.0m VC K=29.2	Curve 58 R R=400.0 da= 29.09.12
25033.7	329.1	25033.7	5.4 %	100.0m VC K=29.2	Curve 59 R R=400.0 da= 29.09.12
25035.4	329.2	25035.4	5.4 %	100.0m VC K=29.2	Curve 60 R R=400.0 da= 29.09.12
25037.1	329.3	25037.1	5.4 %	100.0m VC K=29.2	Curve 61 R R=400.0 da= 29.09.12
25038.8	329.4	25038.8	5.4 %	100.0m VC K=29.2	Curve 62 R R=400.0 da= 29.09.12
25040.5	329.5	25040.5	5.4 %	100.0m VC K=29.2	Curve 63 R R=400.0 da= 29.09.12
25042.2	329.6	25042.2	5.4 %	100.0m VC K=29.2	Curve 64 R R=400.0 da= 29.09.12
25043.9	329.7	25043.9	5.4 %	100.0m VC K=29.2	Curve 65 R R=400.0 da= 29.09.12
25045.6	329.8	25045.6	5.4 %	100.0m VC K=29.2	Curve 66 R R=400.0 da= 29.09.12
25047.3	329.9	25047.3	5.4 %	100.0m VC K=29.2	Curve 67 R R=400.0 da= 29.09.12
25049.0	330.0	25049.0	5.4 %	100.0m VC K=29.2	Curve 68 R R=400.0 da= 29.09.12
25050.7	330.1	25050.7	5.4 %	100.0m VC K=29.2	Curve 69 R R=400.0 da= 29.09.12
25052.4	330.2	25052.4	5.4 %	100.0m VC K=29.2	Curve 70 R R=400.0 da= 29.09.12
25054.1	330.3	25054.1	5.4 %	100.0m VC K=29.2	Curve 71 R R=400.0 da= 29.09.12
25055.8	330.4	25055.8	5.4 %	100.0m VC K=29.2	Curve 72 R R=400.0 da= 29.09.12
25057.5	330.5	25057.5	5.4 %	100.0m VC K=29.2	Curve 73 R R=400.0 da= 29.09.12
25059.2	330.6	25059.2	5.4 %	100.0m VC K=29.2	Curve 74 R R=400.0 da= 29.09.12
25060.9	330.7	25060.9	5.4 %	100.0m VC K=29.2	Curve 75 R R=400.0 da= 29.09.12
25062.6	330.8	25062.6	5.4 %	100.0m VC K=29.2	Curve 76 R R=400.0 da= 29.09.12
25064.3	330.9	25064.3	5.4 %	100.0m VC K=29.2	Curve 77 R R=400.0 da= 29.09.12
25066.0	331.0	25066.0	5.4 %	100.0m VC K=29.2	Curve 78 R R=400.0 da= 29.09.12
25067.7	331.1	25067.7	5.4 %	100.0m VC K=29.2	Curve 79 R R=400.0 da= 29.09.12
25069.4	331.2	25069.4	5.4 %	100.0m VC K=29.2	Curve 80 R R=400.0 da= 29.09.12
25071.1	331.3	25071.1	5.4 %	100.0m VC K=29.2	Curve 81 R R=400.0 da= 29.09.12
25072.8	331.4	25072.8	5.4 %	100.0m VC K=29.2	Curve 82 R R=400.0 da= 29.09.12
25074.5	331.5	25074.5	5.4 %	100.0m VC K=29.2	Curve 83 R R=400.0 da= 29.09.12
25076.2	331.6	25076.2	5.4 %	100.0m VC K=29.2	Curve 84 R R=400.0 da= 29.09.12
25077.9	331.7	25077.9	5.4 %	100.0m VC K=29.2	Curve 85 R R=400.0 da= 29.09.12
25079.6	331.8	25079.6	5.4 %	100.0m VC K=29.2	Curve 86 R R=400.0 da= 29.09.12
25081.3	331.9	25081.3	5.4 %	100.0m VC K=29.2	Curve 87 R R=400.0 da= 29.09.12
25083.0	332.0	25083.0	5.4 %	100.0m VC K=29.2	Curve 88 R R=400.0 da= 29.09.12
25084.7	332.1	25084.7	5.4 %	100.0m VC K=29.2	Curve 89 R R=400.0 da= 29.09.12
25086.4	332.2	25086.4	5.4 %	100.0m VC K=29.2	Curve 90 R R=400.0 da= 29.09.12
25088.1	332.3	25088.1	5.4 %	100.0m VC K=29.2	Curve 91 R R=400.0 da= 29.09.12
25089.8	332.4	25089.8	5.4 %	100.0m VC K=29.2	Curve 92 R R=400.0 da= 29.09.12
25091.5	332.5	25091.5	5.4 %	100.0m VC K=29.2	Curve 93 R R=400.0 da= 29.09.12
25093.2	332.6	25093.2	5.4 %	100.0m VC K=29.2	Curve 94 R R=400.0 da= 29.09.12
25094.9	332.7	25094.9	5.4 %	100.0m VC K=29.2	Curve 95 R R=400.0 da= 29.09.12
25096.6	332.8	25096.6	5.4 %	100.0m VC K=29.2	Curve 96 R R=400.0 da= 29.09.12
25098.3	332.9	25098.3	5.4 %	100.0m VC K=29.2	Curve 97 R R=400.0 da= 29.09.12
25100.0	333.0	25100.0	5.4 %	100.0m VC K=29.2	Curve 98 R R=400.0 da= 29.09.12
25101.7	333.1	25101.7	5.4 %	100.0m VC K=29.2	Curve 99 R R=400.0 da= 29.09.12
25103.4	333.2	25103.4	5.4 %	100.0m VC K=29.2	Curve 100 R R=400.0 da= 29.09.12
25105.1	333.3	25105.1	5.4 %	100.0m VC K=29.2	Curve 101 R R=400.0 da= 29.09.12
25106.8	333.4	25106.8	5.4 %	100.0m VC K=29.2	Curve 102 R R=400.0 da= 29.09.12
25108.5	333.5	25108.5	5.4 %	100.0m VC K=29.2	Curve 103 R R=400.0 da= 29.09.12
25110.2	333.6	25110.2	5.4 %	100.0m VC K=29.2	Curve 104 R R=400.0 da= 29.09.12
25111.9	333.7	25111.9	5.4 %	100.0m VC K=29.2	Curve 105 R R=400.0 da= 29.09.12
25113.6	333.8	25113.6	5.4 %	100.0m VC K=29.2	Curve 106 R R=400.0 da= 29.09.12
25115.3	333.9	25115.3	5.4 %	100.0m VC K=29.2	Curve 107 R R=400.0 da= 29.09.12
25117.0	334.0	25117.0	5.4 %	100.0m VC K=29.2	Curve 108 R R=400.0 da= 29.09.12
25118.7	334.1	25118.7	5.4 %	100.0m VC K=29.2	Curve 109 R R=400.0 da= 29.09.12
25120.4	334.2	25120.4	5.4 %	100.0m VC K=29.2	Curve 110 R R=400.0 da= 29.09.12
25122.1	334.3	25122.1	5.4 %	100.0m VC K=29.2	Curve 111 R R=400.0 da= 29.09.12
25123.8	334.4	25123.8	5.4 %	100.0m VC K=29.2	Curve 112 R R=400.0 da= 29.09.12
25125.5	334.5	25125.5	5.4 %	100.0m VC K=29.2	Curve 113 R R=400.0 da= 29.09.12
25127.2	334.6	25127.2	5.4 %	100.0m VC K=29.2	Curve 114 R R=400.0 da= 29.09.12
25128.9	334.7	25128.9	5.4 %	100.0m VC K=29.2	Curve 115 R R=400.0 da= 29.09.12
25130.6	334.8	25130.6	5.4 %	100.0m VC K=29.2	Curve 116 R R=400.0 da= 29.09.12
25132.3	334.9	25132.3	5.4 %	100.0m VC K=29.2	Curve 117 R R=400.0 da= 29.09.12
25134.0	335.0	25134.0	5.4 %	100.0m VC K=29.2	Curve 118 R R=400.0 da= 29.09.12
25135.7	335.1	25135.7	5.4 %	100.0m VC K=29.2	Curve 119 R R=400.0 da= 29.09.12
25137.4	335.2	25137.4	5.4 %	100.0m VC K=29.2	Curve 120 R R=400.0 da= 29.09.12
25139.1	335.3	25139.1	5.4 %	100.0m VC K=29.2	Curve 121 R R=400.0 da= 29.09.12
25140.8	335.4	25140.8	5.4 %	100.0m VC K=29.2	Curve 122 R R=400.0 da= 29.09.12
25142.5	335.5	25142.5	5.4 %	100.0m VC K=29.2	Curve 123 R R=400.0 da= 29.09.12
25144.2	335.6	25144.2	5.4 %	100.0m VC K=29.2	Curve 124 R R=400.0 da= 29.09.12
25145.9	335.7	25145.9	5.4 %	100.0m VC K=29.2	Curve 125 R R=400.0 da= 29.09.12
25147.6	335.8	25147.6	5.4 %	100.0m VC K=29.2	Curve 126 R R=400.0 da= 29.09.12
25149.3	335.9	25149.3	5.4 %	100.0m VC K=29.2	Curve 127 R R=400.0 da= 29.09.12
25151.0	336.0	25151.0	5.4 %	100.0m VC K=29.2	Curve 128 R R=400.0 da= 29.09.12
25152.7	336.1	25152.7	5.4 %	100.0m VC K=29.2	Curve 129 R R=400.0 da= 29.09.12
25154.4	336.2	25154.4	5.4 %	100.0m VC K=29.2	Curve 130 R R=400.0 da= 29.09.12
25156.1	336.3	25156.1	5.4 %	100.0m VC K=29.2	Curve 131 R R=400.0 da= 29.09.12
25157.8	336.4	25157.8	5.4 %	100.0m VC K=29.2	Curve 132 R R=400.0 da= 29.09.12
25159.5	336.5	25159.5	5.4 %	100.0m VC K=29.2	Curve 133 R R=400.0 da= 29.09.12
25161.2	336.6	25161.2	5.4 %	100.0m VC K=29.2	Curve 134 R R=400.0 da= 29.09.12
25162.9	336.7	25162.9	5.4 %	100.0m VC K=29.2	Curve 135 R R=400.0 da= 29.09.12
25164.6	336.8	25164.6	5.4 %	100.0m VC K=29.2	Curve 136 R R=400.0 da= 29.09.12
25166.3	336.9	25166.3	5.4 %	100.0m VC K=29.2	Curve 137 R R=400.0 da= 29.09.12
25168.0	337.0	25168.0	5.4 %	100.0m VC K=29.2	Curve 138 R R=400.0 da= 29.09.12
25169.7	337.1	25169.7	5.4 %	100.0m VC K=29.2	Curve 139 R R=400.0 da= 29.09.12
25171.4	337.2	25171.4	5.4 %	100.0m VC K=29.2	Curve 140 R R=400.0 da= 29.09.12
25173.1	337.3	25173.1	5.4 %	100.0m VC K=29.2	Curve 141 R R=400.0 da= 29.09.12
25174.8	337.4	25174.8	5.4 %	100.0m VC K=29.2	Curve 142 R R=400.0 da= 29.09.12
25176.5	337.5	25176.5	5.4 %	100.0m VC K=29.2	Curve 143 R R=400.0 da= 29.09.12
25178.2	337.6	25178.2	5.4 %	100.0m VC K=29.2	Curve 144 R R=400.0 da= 29.09.12
25179.9	337.7	25179.9	5.4 %	100.0m VC K=29.2	Curve 145 R R=400.0 da= 29.09.12
25181.6	337.8	25181.6	5.4 %	100.0m VC K=29.2	Curve 146 R R=400.0 da= 29.09.12
25183.3	337.9	25183.3	5.4 %	100.0m VC K=29.2	Curve 147 R R=400.0 da= 29.09.12
25185.0	338.0	25185.0	5.4 %	100.0m VC K=29.2	Curve 148 R R=400.0 da= 29.09.12
25186.7	338.1	25186.7	5.4 %	100.0m VC K=29.2	Curve 149 R R=400.0 da= 29.09.12
25188.4	338.2	25188.4	5.4 %	100.0m VC K=29.2	Curve 150 R R=400.0 da= 29.09.12
25190.1	338.3	25190.1	5.4 %	100.0m VC K=29.2	Curve 151 R R=400.0 da= 29.09.12
25191.8	338.4	25191.8	5.4 %	100.0m VC K=29.2	Curve 152 R R=400.0 da= 29.09.12
25193.5	338.5	25193.5	5.4 %	100.0m VC K=29.2	Curve 153 R R=400.0 da= 29.09.12
25195.2	338.6	25195.2	5.4 %	100.0m VC K=29.2	Curve 154 R R=400.0 da= 29.09.12
25196.9	338.7	25196.9	5.4 %	100.0m VC K=29.2	Curve 155 R R=400.0 da= 29.09.12
25198.6	338.8	25198.6	5.4 %	100.0m VC K=29.2	Curve 156 R R=400.0 da= 29.09.12
25200.3	338.9	25200.3	5.4 %	100.0m VC K=29.2	Curve 157 R R=400.0 da= 29



Staked Value	Existing Surface level	Centre line	Grades	Vertical Curves	Horizontal Curves
22000.00	358.53	358.53	0.0%	160.0m VC K=156.4	dir 112.55.52
22010.00	358.21	358.21	-1.1%		dir 113.22.33
22020.00	357.91	357.91			Curve 40 R R=150.0 ds= 58.27.26
22030.00	357.72	357.72			bc 224.65.83
22040.00	357.51	357.51			ec 246.66.7
22050.00	357.30	357.30			dir 171.50.00
22060.00	357.08	357.08			bc 225.97.7
22070.00	356.87	356.87			ec 246.66.7
22080.00	356.66	356.66			dir 171.50.00
22090.00	356.44	356.44			bc 225.97.7
22100.00	356.23	356.23			ec 246.66.7
22110.00	356.02	356.02			dir 171.50.00
22120.00	355.80	355.80			bc 225.97.7
22130.00	355.59	355.59			ec 246.66.7
22140.00	355.38	355.38			dir 171.50.00
22150.00	355.17	355.17			bc 225.97.7
22160.00	354.96	354.96			ec 246.66.7
22170.00	354.75	354.75			dir 171.50.00
22180.00	354.54	354.54			bc 225.97.7
22190.00	354.33	354.33			ec 246.66.7
22200.00	354.12	354.12			dir 171.50.00
22210.00	353.91	353.91			bc 225.97.7
22220.00	353.70	353.70			ec 246.66.7
22230.00	353.49	353.49			dir 171.50.00
22240.00	353.28	353.28			bc 225.97.7
22250.00	353.07	353.07			ec 246.66.7
22260.00	352.86	352.86			dir 171.50.00
22270.00	352.65	352.65			bc 225.97.7
22280.00	352.44	352.44			ec 246.66.7
22290.00	352.23	352.23			dir 171.50.00
22300.00	352.02	352.02			bc 225.97.7
22310.00	351.81	351.81			ec 246.66.7
22320.00	351.60	351.60			dir 171.50.00
22330.00	351.39	351.39			bc 225.97.7
22340.00	351.18	351.18			ec 246.66.7
22350.00	350.97	350.97			dir 171.50.00
22360.00	350.76	350.76			bc 225.97.7
22370.00	350.55	350.55			ec 246.66.7
22380.00	350.34	350.34			dir 171.50.00
22390.00	350.13	350.13			bc 225.97.7
22400.00	349.92	349.92			ec 246.66.7
22410.00	349.71	349.71			dir 171.50.00
22420.00	349.50	349.50			bc 225.97.7
22430.00	349.29	349.29			ec 246.66.7
22440.00	349.08	349.08			dir 171.50.00
22450.00	348.87	348.87			bc 225.97.7
22460.00	348.66	348.66			ec 246.66.7
22470.00	348.45	348.45			dir 171.50.00
22480.00	348.24	348.24			bc 225.97.7
22490.00	348.03	348.03			ec 246.66.7
22500.00	347.82	347.82			dir 171.50.00
22510.00	347.61	347.61			bc 225.97.7
22520.00	347.40	347.40			ec 246.66.7
22530.00	347.19	347.19			dir 171.50.00
22540.00	346.98	346.98			bc 225.97.7
22550.00	346.77	346.77			ec 246.66.7
22560.00	346.56	346.56			dir 171.50.00
22570.00	346.35	346.35			bc 225.97.7
22580.00	346.14	346.14			ec 246.66.7
22590.00	345.93	345.93			dir 171.50.00
22600.00	345.72	345.72			bc 225.97.7
22610.00	345.51	345.51			ec 246.66.7
22620.00	345.30	345.30			dir 171.50.00
22630.00	345.09	345.09			bc 225.97.7
22640.00	344.88	344.88			ec 246.66.7
22650.00	344.67	344.67			dir 171.50.00
22660.00	344.46	344.46			bc 225.97.7
22670.00	344.25	344.25			ec 246.66.7
22680.00	344.04	344.04			dir 171.50.00
22690.00	343.83	343.83			bc 225.97.7
22700.00	343.62	343.62			ec 246.66.7
22710.00	343.41	343.41			dir 171.50.00
22720.00	343.20	343.20			bc 225.97.7
22730.00	342.99	342.99			ec 246.66.7
22740.00	342.78	342.78			dir 171.50.00
22750.00	342.57	342.57			bc 225.97.7
22760.00	342.36	342.36			ec 246.66.7
22770.00	342.15	342.15			dir 171.50.00
22780.00	341.94	341.94			bc 225.97.7
22790.00	341.73	341.73			ec 246.66.7
22800.00	341.52	341.52			dir 171.50.00
22810.00	341.31	341.31			bc 225.97.7
22820.00	341.10	341.10			ec 246.66.7
22830.00	340.89	340.89			dir 171.50.00
22840.00	340.68	340.68			bc 225.97.7
22850.00	340.47	340.47			ec 246.66.7
22860.00	340.26	340.26			dir 171.50.00
22870.00	340.05	340.05			bc 225.97.7
22880.00	339.84	339.84			ec 246.66.7
22890.00	339.63	339.63			dir 171.50.00
22900.00	339.42	339.42			bc 225.97.7
22910.00	339.21	339.21			ec 246.66.7
22920.00	339.00	339.00			dir 171.50.00
22930.00	338.79	338.79			bc 225.97.7
22940.00	338.58	338.58			ec 246.66.7
22950.00	338.37	338.37			dir 171.50.00
22960.00	338.16	338.16			bc 225.97.7
22970.00	337.95	337.95			ec 246.66.7
22980.00	337.74	337.74			dir 171.50.00
22990.00	337.53	337.53			bc 225.97.7
23000.00	337.32	337.32			ec 246.66.7
23010.00	337.11	337.11			dir 171.50.00
23020.00	336.90	336.90			bc 225.97.7
23030.00	336.69	336.69			ec 246.66.7
23040.00	336.48	336.48			dir 171.50.00
23050.00	336.27	336.27			bc 225.97.7
23060.00	336.06	336.06			ec 246.66.7
23070.00	335.85	335.85			dir 171.50.00
23080.00	335.64	335.64			bc 225.97.7
23090.00	335.43	335.43			ec 246.66.7
23100.00	335.22	335.22			dir 171.50.00
23110.00	335.01	335.01			bc 225.97.7
23120.00	334.80	334.80			ec 246.66.7
23130.00	334.59	334.59			dir 171.50.00
23140.00	334.38	334.38			bc 225.97.7
23150.00	334.17	334.17			ec 246.66.7
23160.00	333.96	333.96			dir 171.50.00
23170.00	333.75	333.75			bc 225.97.7
23180.00	333.54	333.54			ec 246.66.7
23190.00	333.33	333.33			dir 171.50.00
23200.00	333.12	333.12			bc 225.97.7
23210.00	332.91	332.91			ec 246.66.7
23220.00	332.70	332.70			dir 171.50.00
23230.00	332.49	332.49			bc 225.97.7
23240.00	332.28	332.28			ec 246.66.7
23250.00	332.07	332.07			dir 171.50.00
23260.00	331.86	331.86			bc 225.97.7
23270.00	331.65	331.65			ec 246.66.7
23280.00	331.44	331.44			dir 171.50.00
23290.00	331.23	331.23			bc 225.97.7
23300.00	331.02	331.02			ec 246.66.7
23310.00	330.81	330.81			dir 171.50.00
23320.00	330.60	330.60			bc 225.97.7
23330.00	330.39	330.39			ec 246.66.7
23340.00	330.18	330.18			dir 171.50.00
23350.00	329.97	329.97			bc 225.97.7
23360.00	329.76	329.76			ec 246.66.7
23370.00	329.55	329.55			dir 171.50.00
23380.00	329.34	329.34			bc 225.97.7
23390.00	329.13	329.13			ec 246.66.7
23400.00	328.92	328.92			dir 171.50.00

NO. DATE ADDITIONS AND AMENDMENTS A 15/12/2022 CONCEPT & VIABILITY	APPROVED		DESIGNED BY: A SAUER DRAWN BY: A SAUER CHECKED BY: AG SMITH APPROVED BY: P BARKHUIZEN	KANTEY & TEMPLER CONSULTING ENGINEERS ESTABLISHED 1953 Cape Town +27 21 405 9800 www.kantey.co.za	Western Cape Government Transport and Public Works	APPROVED THIS APPROVAL IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING PROVINCIAL ROADS ENGINEER DATE:	CONTRACT NO C1117: PAVEMENT STRENGTHENING OF TR75/1 (KM 16.50 TO KM 31.22) NEAR OUDTSHOORN Localised Geometric Improvements: Layout and Long Section: km 22.00 - km 24.00	P.R.E.'s FILE No. TPW 16/6/4/1/5 - TR7501 - C1117 CONTRACT No. C1117 CONSULTANTS DWG No. 15675R-02-53	SCALE 1:2 000 WCG STRUCTURE PLAN WCG INDEX No. VER A
	CONS.	PRE							
	PB	MH							

