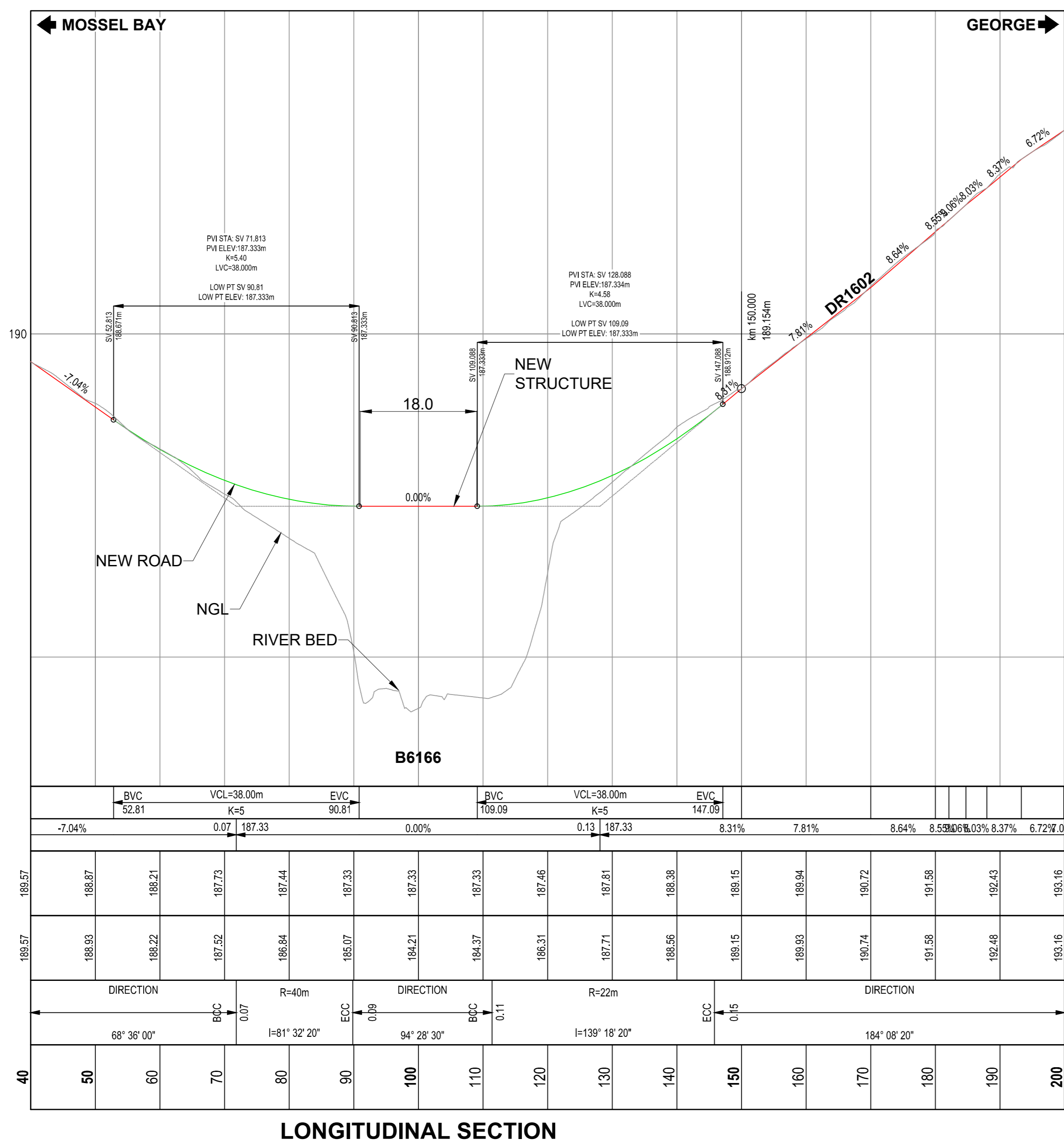
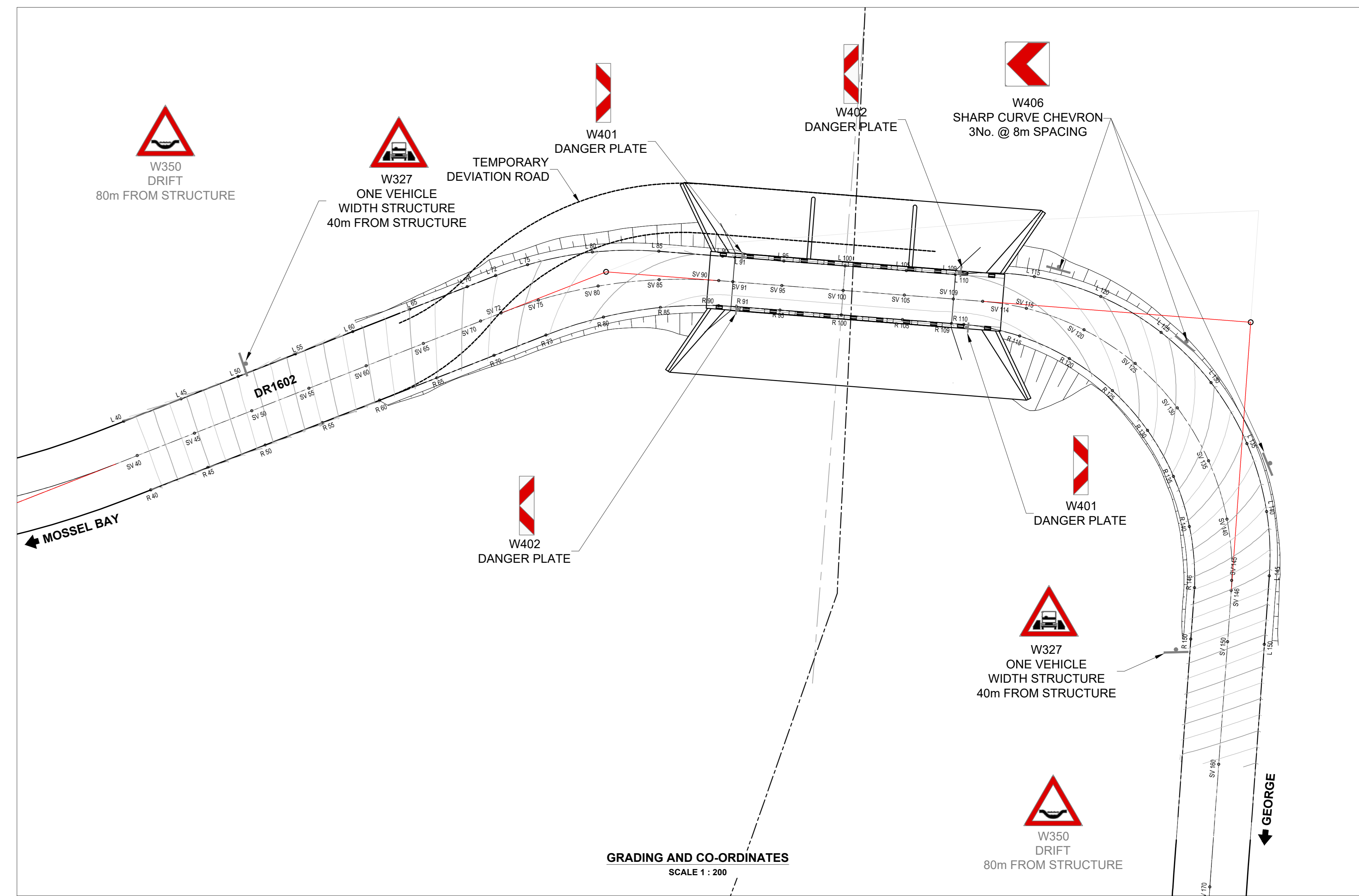
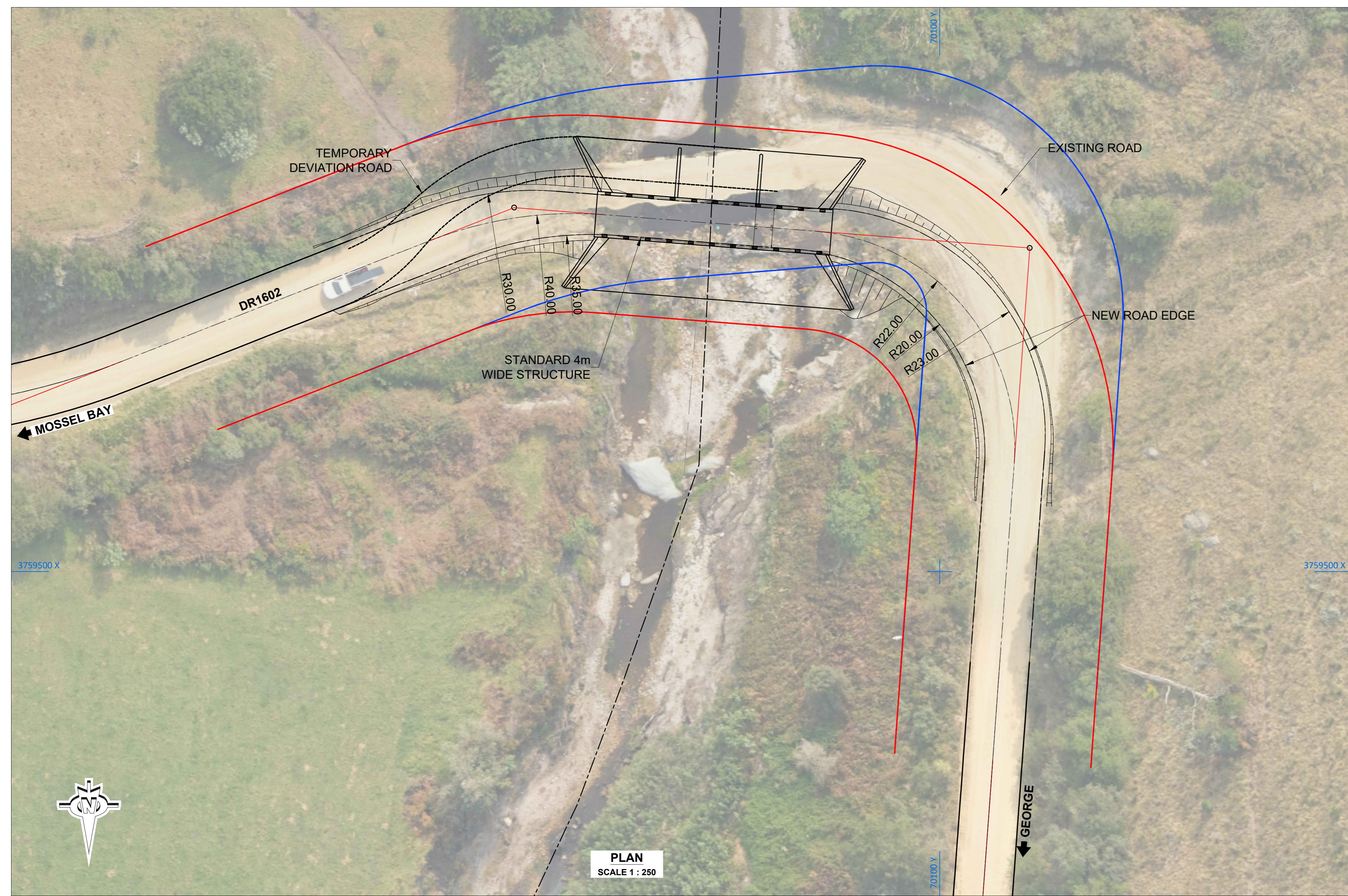


A99/116



SCALES
Horizontal 1:500
Vertical 1:50
DATUM 183.000

VERTICAL PROFILE GRADES	7.04% 0.07% 0.00% 0.13% 8.31% 7.81% 8.64% 8.53% 8.37% 6.72%
CENTRE LINE (CL)	189.57 188.67 188.21 187.73 187.44 187.33 187.33 187.33 187.45 187.81 188.38 188.15 188.54 189.72 191.58 192.43 193.16
GROUND LEVELS ON CL	189.57 188.93 188.52 187.92 188.84 185.07 184.21 184.37 186.31 187.71 188.56 188.15 189.93 191.74 191.58 192.48 193.16
HORIZONTAL ALIGNMENT	68° 36' 00" 0.07° I=81° 32' 20" 0.09° 94° 28' 30" 0.11° I=139° 18' 20" 0.15° 154° 08' 20"
DISTANCE (m)	40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

POINT	Y	X	LEVEL	DESCRIPTION
L 40	70182.522	3759475.151	189.572	
L 45	70177.867	3759473.327	189.220	
L 50	70173.212	3759471.503	188.887	
L 55	70168.557	3759469.678	188.549	
L 60	70163.901	3759467.854	188.250	
L 65	70159.246	3759466.030	187.997	
L 70	70154.591	3759464.205	187.790	
L 72	70152.283	3759463.301	187.706	BC
L 75	70149.667	3759462.413	187.630	
L 80	70144.401	3759461.390	187.516	
L 85	70138.997	3759461.324	187.426	EC
L 90	70133.812	3759461.730	187.394	
L 91	70132.810	3759461.808	187.383	DECK
L 95	70128.827	3759462.120	187.393	
L 100	70123.842	3759462.510	187.383	DECK
L 105	70118.857	3759462.900	187.383	
L 109	70114.869	3759463.212	187.397	DECK
L 110	70114.375	3759463.167	187.401	BC
L 115	70108.445	3759463.390	187.473	
L 120	70103.035	3759465.005	187.596	
L 125	70098.128	3759467.930	187.772	
L 130	70094.069	3759472.006	187.983	
L 135	70091.143	3759476.975	188.230	
L 140	70089.547	3759482.500	188.522	
L 145	70089.328	3759487.730	188.834	EC
L 150	70089.751	3759493.305	189.264	

POINT	Y	X	LEVEL	DESCRIPTION
SV 40	70181.428	3759477.944	189.572	
SV 45	70176.773	3759476.120	189.220	
SV 50	70172.117	3759474.296	188.869	
SV 55	70167.462	3759472.471	188.521	
SV 60	70162.807	3759470.647	188.212	
SV 65	70158.151	3759468.823	187.950	
SV 70	70153.496	3759466.999	187.734	
SV 72	70151.834	3759466.348	187.669	BC
SV 75	70148.797	3759465.296	187.565	
SV 80	70143.932	3759464.154	187.441	
SV 85	70138.963	3759463.027	187.365	
SV 90	70134.120	3759463.712	187.334	EC
SV 91	70132.911	3759463.802	187.333	DECK
SV 95	70128.983	3759464.114	187.333	
SV 100	70123.998	3759464.504	187.333	DECK
SV 105	70119.013	3759464.894	187.333	
SV 109	70115.025	3759465.206	187.333	DECK
SV 114	70112.648	3759465.392	187.339	BC
SV 115	70109.083	3759465.968	187.372	
SV 120	70104.407	3759467.707	187.464	
SV 125	70099.242	3759470.456	187.610	
SV 130	70096.805	3759474.071	187.812	
SV 135	70094.270	3759478.369	188.068	
SV 140	70092.768	3759483.127	188.378	
SV 145	70092.386	3759488.100	188.743	
SV 146	70092.421	3759488.913	188.808	EC
SV 150	70092.724	3759493.088	189.154	
SV 160	70093.445	3759503.062	189.935	
SV 170	70094.167	3759513.036	190.717	

POINT	Y	X	LEVEL	DESCRIPTION
R 40	70180.333	3759480.738	189.572	
R 45	70175.678	3759478.913	189.211	
R 50	70171.023	3759477.089	188.850	
R 55	70166.367	3759475.265	188.493	
R 60	70161.712	3759473.440	188.175	
R 65	70157.057	3759471.616	187.904	
R 70	70152.401	3759469.792	187.679	
R 73	70148.179	3759468.137	187.510	BC
R 80	70143.505	3759466.674	187.379	
R 85	70138.866	3759465.895	187.303	
R 90	70134.126	3759465.748	187.273	
R 91	70132.679	3759465.831	187.273	EC/DECK
R 95	70129.139	3759466.108	187.273	
R 100	70124.154	3759466.498	187.273	DECK
R 105	70119.169	3759466.888	187.273	
R 109	70115.181	3759467.200	187.270	BC/DECK
R 110	70114.184	3759467.270	187.269	
R 115	70109.640	3759468.220	187.283	
R 120	70105.597	3759470.053	187.349	
R 125	70102.086	3759472.658	187.469	
R 130	70099.230	3759475.902	187.660	
R 135	70097.119	3759478.639	187.920	
R 140	70095.826	3759483.721	188.241	
R 145	70095.414	3759488.696	188.668	EC
R 150	70095.716	3759492.872	189.043	

SIGN	SIGN NAME	No.
	W327 - ONE VEHICLE WIDTH STRUCTURE	2
	W350 - DRIFT	2
	W401 - DRIFT	2
	W402 - DRIFT	2
	W406 - SHARP CURVE CHEVRON	3

NO.	DATE	ADDITIONS, AMENDMENTS AND REVISIONS	PROVINCIAL CHIEF ENG.	CONSULT. ENG.	DESIGNED BY:	DETAILED BY:	CONSULTANT'S APPROVAL	<p>Western Cape Government FOR YOU Infrastructure</p>	<p>ACCEPTANCE</p> <p>THIS APPROVAL IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OF ANY KIND FROM WHATSOEVER OR HOWEVER ARISING</p> <p>PROVINCIAL ROADS ENGINEER</p> <p>DATE: _____</p>	<p>BRIDGE No 6166 on DR1602 at KM 8.4 over VARINGS RIVER NEAR KLEINPLAAS</p> <p>LONGITUDINAL SECTIONS</p>	P.R.E.'S FILE NO. DOI16/614/11/C1157.02	SCALE SHEETS OF A0	ORIGINAL PAPER SIZE
V1	SEPT 2025	FOR CONSTRUCTION			J. SADIE	J. SADIE	 NAME: DAWIE MALAN ECOSA No: 94005Z DATE: APRIL 2025				CONTRACT NO. C1157.02	WCG STRUCTURE PLAN B6166/02	CONSULTANTS DWG NO. H361596-00000-223-272-1602-001