This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.
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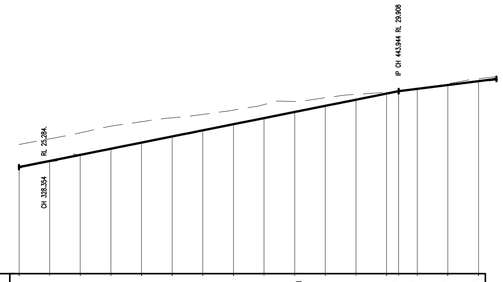
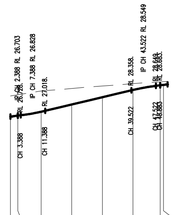


DATUM R.L.18.00

DESIGN LEVELS ON CROWN LINE	24.95	25.35	25.75	26.15	26.55	26.95	27.35	27.75	28.15	28.55	28.95	29.35	29.75	29.908	30.059	30.309	30.559					
HORIZONTAL CURVE DATA																						
Vertical Curve Length (m) / Vertical Curve Radius (m)	R =14.25m	R 31m	R 25m	R =24m	R 25m	R 11m	R =11m															
Vertical Grade: (1 in _) / Grade Length (m)	1:25V 123.954m															1:40V 31.926m						
EXISTING GROUND LEVEL	26.409	26.793	27.187	27.626	27.916	28.166	28.385	28.673	29.035	29.236	29.461	29.7	29.943	29.999	30.023	30.39	30.717					
CHAINAGE	320	330	340	350	360	370	380	390	400	410	420	430	440	443.944	450	460	470					

SCALE 1:500 HORIZONTAL @ A1
1:100 VERTICAL @ A1

CROWN LINE SECTION ON Road 4

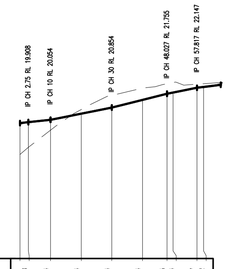


DATUM R.L.20.00

DESIGN LEVELS ON CROWN LINE	26.646	26.703	26.905	27.429	27.905	28.381	28.683	28.711
HORIZONTAL CURVE DATA								
Vertical Curve Length (m) / Vertical Curve Radius (m)	8m R28					8m R28		
Vertical Grade: (1 in _) / Grade Length (m)	1:420V 2.388m	1:21V 36.133m					1:670V 5.310m	1:40V 21.711m
EXISTING GROUND LEVEL	27.988	28.066	28.312	28.477	28.638	28.793	28.91	28.905
CHAINAGE	0	2.388	10	20	30	40	48.683	50

SCALE 1:500 HORIZONTAL @ A1
1:100 VERTICAL @ A1

CROWN LINE SECTION ON Road 5

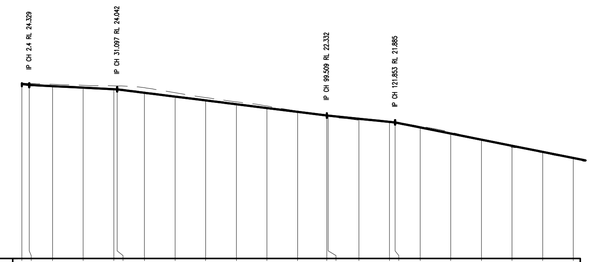


DATUM R.L.11.00

DESIGN LEVELS ON CROWN LINE	19.91	19.908	20.054	20.454	20.854	21.354	21.755	21.854	22.147	22.202
HORIZONTAL CURVE DATA	R 50m									
Vertical Curve Length (m) / Vertical Curve Radius (m)										
Vertical Grade: (1 in _) / Grade Length (m)	1:42V 2.75m	1:50V 7.25m	1:25V 20m		1:20V 18.027m		1:25V 9.789m	1:40V 4.25m		
EXISTING GROUND LEVEL	17.791	18.251	19.379	20.726	21.66	22.116	22.411	22.491	22.385	22.416
CHAINAGE	0	2.75	10	20	30	40	48.027	50	57.817	60

SCALE 1:500 HORIZONTAL @ A1
1:100 VERTICAL @ A1

CROWN LINE SECTION ON Road 2

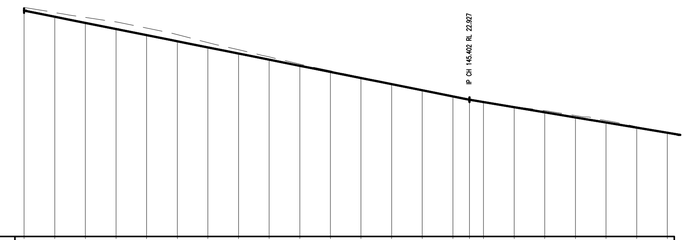


DATUM R.L.13.00

DESIGN LEVELS ON CROWN LINE	24.389	24.329	24.253	24.153	24.053	24.042	23.82	23.57	23.32	23.07	22.82	22.57	22.332	22.332	22.132	21.902	21.885	21.559	21.159	20.759	20.359	19.959	19.559
HORIZONTAL CURVE DATA	R 11.5m		R 12.6m	R 100m	R =100m	R =15m	R 11m	R =11m	R 11m														
Vertical Curve Length (m) / Vertical Curve Radius (m)																							
Vertical Grade: (1 in _) / Grade Length (m)	1:=40V 2.4m	1:=100V 28.697m	1:=40V 68.412m			1:=50V 22.344m		1:=25V 62.133m															
EXISTING GROUND LEVEL	24.44	24.429	24.374	24.303	24.271	24.269	24.149	23.82	23.503	23.255	22.953	22.624	22.332	22.299	22.032	21.958	21.91	21.633	21.241	20.811	20.25	19.607	19.509
CHAINAGE	0	2.4	10	20	30	31.097	40	50	60	70	80	90	99.509	100	110	120	121.853	130	140	150	160	170	180

SCALE 1:500 HORIZONTAL @ A1
1:100 VERTICAL @ A1

CROWN LINE SECTION ON Road 7

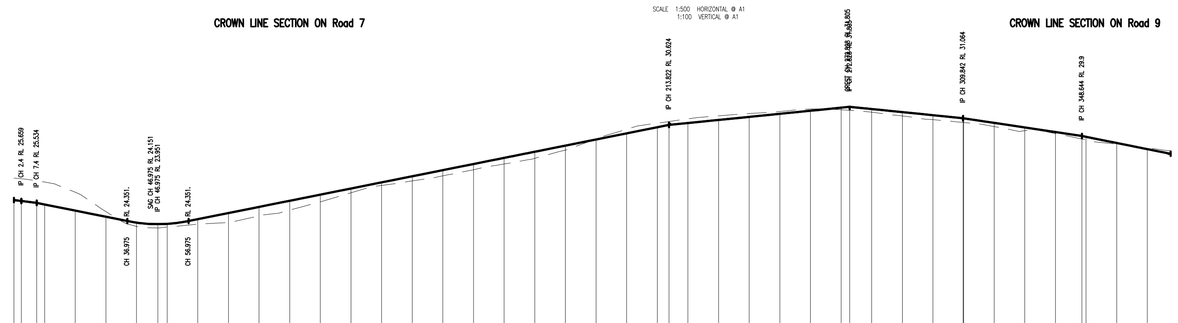


DATUM R.L.14.00

DESIGN LEVELS ON CROWN LINE	28.343	27.943	27.543	27.143	26.743	26.343	25.943	25.543	25.143	24.743	24.343	23.943	23.543	23.143	22.927	22.774	22.441	22.107	21.774	21.441	21.107	20.774
HORIZONTAL CURVE DATA	R 11m	R =11m	R 150m	R =150m	R =11m	R 11m																
Vertical Curve Length (m) / Vertical Curve Radius (m)																						
Vertical Grade: (1 in _) / Grade Length (m)	1:=25V 145.412m													1:=30V 68.836m								
EXISTING GROUND LEVEL	28.842	28.622	28.301	28.006	27.609	27.174	26.661	26.19	25.724	25.257	24.817	24.388	23.968	23.547	23.103	22.879	22.755	22.477	22.216	21.896	21.568	21.16	20.735
CHAINAGE	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	145.402	150	160	170	180	190	200	210

SCALE 1:500 HORIZONTAL @ A1
1:100 VERTICAL @ A1

CROWN LINE SECTION ON Road 9



DATUM R.L.17.00

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