

Utilisation statement of Earth work

R.D.	G.L	Design CBL	TBL	FSL	Depth of cutting	Total Excavation quantity	UTILISATION (80% OF TOTAL EXCAVATED QUANTITY)		Top width = 4.5 m, Bottom width = 12.5m	Top width = 3.5m, Bottom width = 9.5m	Top width = 3m, Bottom width = 9m
							SPOIL BANK	BACKFILLING AT PIPE PORTION			
0	330.840	327.460	329.460	328.860	3.380	0.00					
30	330.245	327.450	329.450	328.850	2.795	502.47	401.98		401.98	0.00	0.00
60	330.115	327.440	329.440	328.840	2.675	428.59	342.87		0.00	0.00	342.87
90	329.640	327.430	329.430	328.830	2.210	371.51	297.21		0.00	0.00	297.21
120	329.290	327.420	329.420	328.820	1.870	298.51	238.81		0.00	0.00	238.81
150	330.220	327.410	329.410	328.810	2.810	357.20	285.76		0.00	0.00	285.76
180	328.895	327.400	329.400	328.800	1.495	351.77	281.41		0.00	0.00	281.41
210	329.485	327.390	329.390	328.790	2.095	283.07	226.46		0.00	0.00	226.46
240	329.455	327.380	329.380	328.780	2.075	305.24	244.20		0.00	0.00	244.20
270	331.970	327.370	329.370	328.770	4.600	527.33	421.87		421.87	0.00	0.00
300	331.570	327.360	329.360	328.760	4.210	729.47	583.57		583.57	0.00	0.00
330	332.570	327.350	329.350	328.750	5.220	766.25	613.00		613.00	0.00	0.00
336	332.440	327.340	329.340	328.740	5.100	817.34	653.88		653.88	0.00	0.00
390	332.065	327.330	329.330	328.730	4.735	788.33	630.66		630.66	0.00	0.00
420	332.140	327.320	329.320	328.720	4.820	771.61	617.29		617.29	0.00	0.00
450	332.500	327.310	329.310	328.710	5.190	798.78	639.03		639.03	0.00	0.00
480	332.800	327.300	329.300	328.700	5.500	840.40	672.32		672.32	0.00	0.00
510	333.160	327.290	329.290	328.690	5.870	883.90	707.12		707.12	0.00	0.00
540	333.045	327.280	329.280	328.680	5.765	901.06	720.85		720.85	0.00	0.00
570	332.745	327.270	329.270	328.670	5.475	875.37	700.29		700.29	0.00	0.00
600	332.855	327.260	329.260	328.660	5.595	864.30		691.44	RD 600 TO 1140 M PIPE PORTION HENCE EXCAVATED QUANTITY UTILISED FOR BACKFILLING		
630	333.615	327.250	329.250	328.650	6.365	269.10		215.28			
660	334.750	327.240	329.240	328.640	7.510	312.19		249.75			
690	335.240	327.230	329.230	328.630	8.010	349.20		279.36			
720	335.770	327.220	329.220	328.620	8.550	372.60		298.08			
750	334.960	327.210	329.210	328.610	7.750	366.75		293.40			
780	336.215	327.200	329.200	328.600	9.015	377.21		301.77			
810	336.650	327.190	329.190	328.590	9.460	415.69		332.55			
840	337.515	327.180	329.180	328.580	10.335	445.39		356.31			
870	338.280	327.170	329.170	328.570	11.110	482.51		386.01			
900	338.340	327.160	329.160	328.560	11.180	501.52		401.22			
930	338.960	327.150	329.150	328.550	11.810	517.27		413.82			
960	338.170	327.140	329.140	328.540	11.030	513.90		411.12			
990	338.090	327.130	329.130	328.530	10.960	494.77		395.82			
1020	337.825	327.120	329.120	328.520	10.705	487.46		389.97			
1050	336.490	327.110	329.110	328.510	9.380	451.91		361.53			
1080	336.210	327.100	329.100	328.500	9.110	416.02		332.82			
1110	335.395	327.090	329.090	328.490	8.305	391.84		313.47			
1140	334.510	327.080	329.080	328.480	7.430	439.44	351.55		0.00	0.00	351.55
1170	332.890	327.070	329.070	328.470	5.820	1017.59	814.07		814.07	0.00	0.00
1200	332.180	327.060	329.060	328.460	5.120	856.90	685.52		685.52	0.00	0.00
1230	330.970	327.050	329.050	328.450	3.920	744.75	595.80		595.80	0.00	0.00
1260	331.560	327.040	329.040	328.440	4.520	709.56	567.65		567.65	0.00	0.00
1290	331.010	327.030	329.030	328.430	3.980	712.69	570.15		570.15	0.00	0.00
1320	328.835	327.020	329.020	328.420	1.815	472.41	377.93		0.00	0.00	377.93
1335	327.655	327.010	329.010	328.410	0.645	130.18	104.14		0.00	0.00	104.14
							13345.38				
Total Qty						24711.37	13345.38	6423.72	10595.04	0.00	2750.34
Excavation for catch drain						720.90	576.72		13345.38		
TOTAL QUANTITY						25432.27	13922.10	6423.72			

Junior Engineer
Irrigation section
Andhalgaon

Sub Divisional Engineer
Irrigation Sub Division
Tumsar