CivilGuruji

POLICE SCHOOL STAFF QUARTERS

SURVEYING

Guided by

Er. Vishwajeet Singh

(Corporate Trainer)

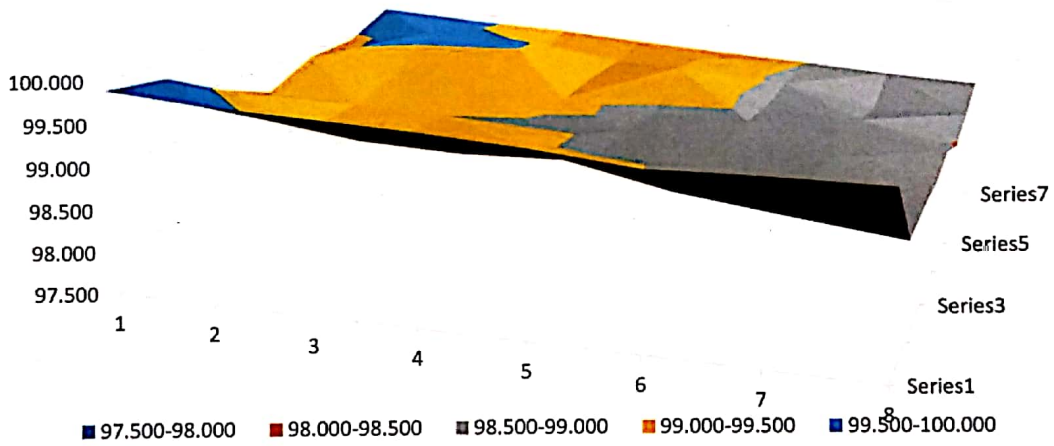
Engineer's Name

Er. Satendra Bharti

FLY LEVELLING								
S.NO	STATION	B.S	I.S	F.S	H.I	R.L	NEW R.L	REMARK
1	BM (A)	1.290			101.290	100		
				1.350			99.940	
2	(B)	1.300			101.240			
				1.400			99.840	
3	(C)	1.430			101.270			
				1.230			100.040	
4	(D)	1.370			101.410			
				1.140			100.270	
5	(E)	1.200			101.470			
				1.160			100.310	
6	(F)	1.190			101.500			
				1.500			100	

CONTOUR METHOD BY RISE & FALL METHOD								
DIFFERENTIAL LEVELLING								
	A	B	C	D	E	F	G	H
1	99.890	99.790	99.740	99.680	99.600	99.480	99.500	99.500
2	99.800	99.390	99.220	99.160	99.180	98.920	98.760	98.610
3	99.420	99.020	99.010	99.070	98.950	98.870	98.780	98.620
4	99.150	99.060	99.000	98.970	98.950	98.900	98.790	98.590
5	99.420	99.210	99.180	99.050	98.930	98.910	98.810	98.680
6	99.450	99.620	99.600	99.110	99.310	98.860	98.740	98.480
7	99.730	99.620	99.140	99.120	99.220	98.920	98.630	98.630
8	99.420	99.380	99.310	99.200	99.100	99.010	98.910	98.830

CONTOUR CHART



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Submitted by -
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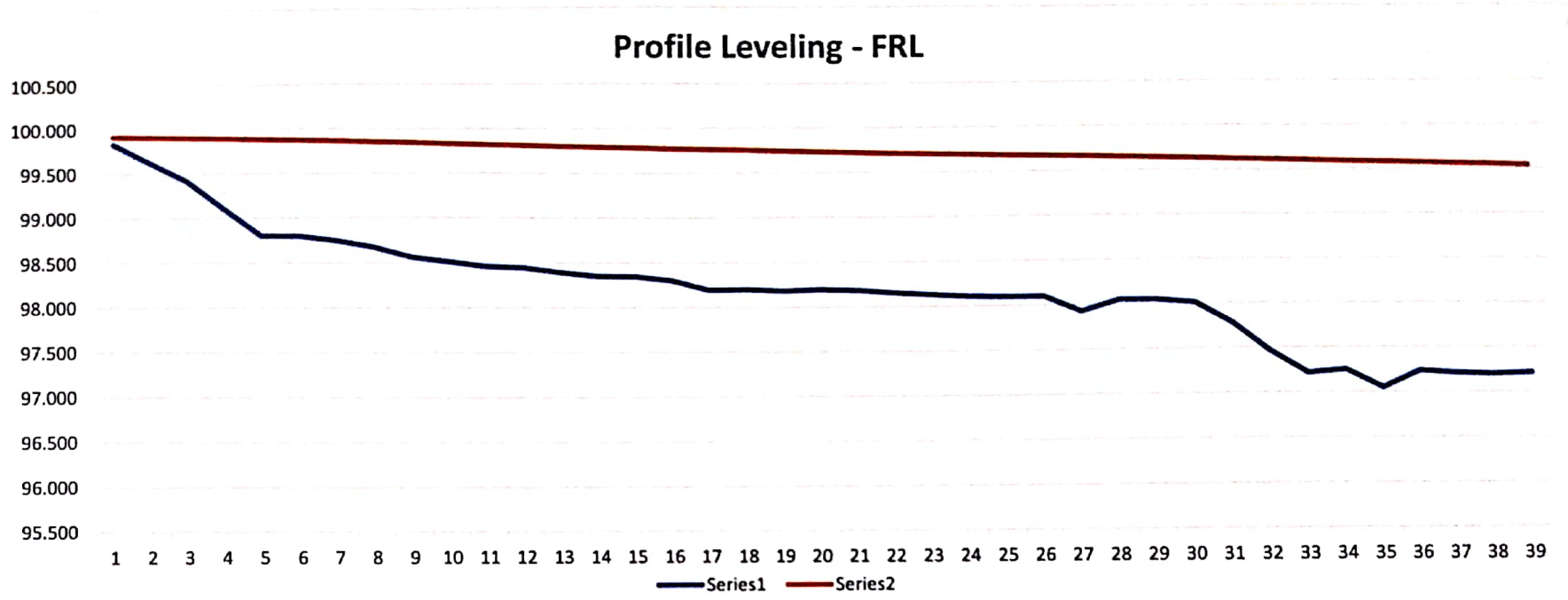
RISE & FALL METHOD								
DIFFERENTIAL LEVELLING								
S.NO	STATION	B.S	I.S	F.S	RISE	FALL	R.L	REMARK
1	BM	0.32					100	
2	A1		0.43		0.000	0.11	99.890	
3	A2		0.52		0.000	0.09	99.800	
4	A3		0.90		0.000	0.38	99.420	
5	A4		1.17		0.000	0.27	99.150	
6	A5		0.90		0.270	0.00	99.420	
7	A6		0.87		0.030	0.00	99.450	
8	A7		0.59		0.280	0.00	99.730	
9	A8		0.90		0.000	0.31	99.420	
10	B1		0.53		0.370	0.00	99.790	
11	B2		0.93		0.000	0.40	99.390	
12	B3		1.30		0.000	0.37	99.020	
13	B4		1.26		0.040	0.00	99.060	
14	B5		1.11		0.150	0.00	99.210	
15	B6		0.70		0.410	0.00	99.620	
16	B7		0.70		0.000	0.00	99.620	
17	B8		0.94		0.000	0.24	99.380	
18	C1		0.58		0.360	0.00	99.740	
19	C2		1.10		0.000	0.52	99.220	
20	C3		1.31		0.000	0.21	99.010	
21	C4		1.32		0.000	0.01	99.000	
22	C5		1.14		0.180	0.00	99.180	
23	C6		0.72		0.420	0.00	99.600	
24	C7		1.18		0.000	0.46	99.140	
25	C8		1.01		0.170	0.00	99.310	
26	D1		0.64		0.370	0.00	99.680	
27	D2		1.16		0.000	0.52	99.160	
28	D3		1.25		0.000	0.09	99.070	
29	D4		1.35		0.000	0.10	98.970	
30	D5		1.27		0.080	0.00	99.050	
31	D6		1.21		0.060	0.00	99.110	
32	D7		1.20		0.010	0.00	99.120	
33	D8		1.12		0.080	0.00	99.200	
34	E1		0.72		0.400	0.00	99.600	
35	E2		1.14		0.000	0.42	99.180	
36	E3		1.37		0.000	0.23	98.950	
37	E4		1.37		0.000	0.00	98.950	
38	E5		1.39		0.000	0.02	98.930	

39	E6		1.01		0.380	0.00	99.310	
40	E7		1.10		0.000	0.09	99.220	
41	E8		1.22		0.000	0.12	99.100	
42	F1		0.84		0.380	0.00	99.480	
43	F2		1.40		0.000	0.56	98.920	
44	F3		1.45		0.000	0.05	98.870	
45	F4		1.42		0.030	0.00	98.900	
46	F5		1.41		0.010	0.00	98.910	
47	F6		1.46		0.000	0.05	98.860	
48	F7		1.40		0.060	0.00	98.920	
49	F8		1.31		0.090	0.00	99.010	
50	G1		0.82		0.490	0.00	99.500	
51	G2		1.56		0.000	0.74	98.760	
52	G3		1.54		0.020	0.00	98.780	
53	G4		1.53		0.010	0.00	98.790	
54	G5		1.51		0.020	0.00	98.810	
55	G6		1.58		0.000	0.07	98.740	
56	G7		1.69		0.000	0.11	98.630	
57	G8		1.41		0.280	0.00	98.910	
58	H1		0.82		0.590	0.00	99.500	
59	H2		1.71		0.000	0.89	98.610	
60	H3		1.70		0.010	0.00	98.620	
61	H4		1.73		0.000	0.03	98.590	
62	H5		1.64		0.090	0.00	98.680	
63	H6		1.84		0.000	0.20	98.480	
64	H7		1.69		0.150	0.00	98.630	
65	H8		1.49		0.200	0.00	98.830	
				0.85	0.640		99.470	

PROFILE LEVELING										
	STATION		INTERMIDIATE SIGHT							
S/NO.	CHAINAGE	BS	L.H.S	CL	R.H.S	AVERAGE	F.S	RISE	FALL	RL
1	BM	0.260								100
2	0		0.410	0.410	0.450	0.423		0	0.16333	99.837
3	5		0.590	0.700	0.620	0.637		0.000	0.2133	99.623
4	10		0.830	0.860	0.840	0.843		0.000	0.2067	99.417
5	15		1.170	1.120	1.180	1.157		0.000	0.3133	99.103
6	20		1.350	1.650	1.380	1.460		0.000	0.3033	98.800
7	25		1.470	1.460	1.460	1.463		0.000	0.0033	98.797
8	30		1.520	1.530	1.490	1.513		0.000	0.0500	98.747
9	35		1.610	1.580	1.570	1.587		0.000	0.0733	98.673
10	40		1.730	1.690	1.670	1.697		0.000	0.1100	98.563
11	45		1.740	1.760	1.740	1.747		0.000	0.0500	98.513
12	50		1.800	1.810	1.790	1.800		0.000	0.0533	98.460
13	55		1.810	1.800	1.840	1.817		0.000	0.0167	98.443
14	60		1.840	1.880	1.890	1.870		0.000	0.0533	98.390
15	65		1.900	1.920	1.910	1.910		0.000	0.0400	98.350
16	70		1.950	1.830	1.960	1.913		0.000	0.0033	98.347
17	75		1.950	1.970	1.960	1.960		0.000	0.0467	98.300
18	80		1.870	2.030	2.300	2.067		0.000	0.1067	98.193
19	85		2.090	2.050	2.040	2.060		0.007	0.0000	98.200
20	90		2.090	2.090	2.060	2.080		0.000	0.0200	98.180
21	95		2.070	2.100	2.030	2.067		0.013	0.0000	98.193
22	95						2.25	0	0.18333	98.010
23	95	1.34						0.000	0.000	98.010
24	100		1.180	1.190	1.140	1.170		0.170	0.000	98.180
25	105		1.220	1.210	1.170	1.200		0.000	0.030	98.150
26	110		1.240	1.200	1.220	1.220		0.000	0.020	98.130
27	115		1.260	1.230	1.240	1.243		0.000	0.023	98.107
28	120		1.250	1.260	1.250	1.253		0.000	0.010	98.097
29	125		1.230	1.260	1.270	1.253		0.000	0.000	98.097
30	130		1.280	1.700	1.300	1.427		0.000	0.173	97.923
31	135		1.330	1.290	1.280	1.300		0.127	0.000	98.050
32	140		1.320	1.310	1.280	1.303		0.000	0.003	98.047
33	145		1.300	1.340	1.380	1.340		0.000	0.037	98.010
34	150		1.590	1.520	1.600	1.570		0.000	0.230	97.780
35	155		1.870	1.880	1.920	1.890		0.000	0.320	97.460
36	160		2.100	2.000	2.300	2.133		0.000	0.243	97.217
37	165		2.000	2.100	2.200	2.100		0.033	0.000	97.250
38	170		2.800	2.100	2.000	2.300		0.000	0.200	97.050
39	175		2.100	2.120	2.120	2.113		0.187	0.000	97.237
40	180		2.130	2.150	2.140	2.140		0.000	0.027	97.210
41	185		2.140	2.150	2.170	2.153		0.000	0.013	97.197
42	190		2.120	2.140	2.150	2.137		0.017	0.000	97.213
43	190						2.060	0.077	0.000	97.290

PROFILE LEVELING VOL. OF EARTH								
S/NO.	STATION	RL	FORMATION LEVEL	HEIGHT	WIDTH	LENGTH	VOL.EARTH	REMARK
1	BM	100						
2	0	99.837	99.923	0.086	5	5	2.158	CUM
3	5	99.623	99.913	0.290	5	5	7.242	CUM
4	10	99.417	99.903	0.486	5	5	12.158	CUM
5	15	99.103	99.893	0.790	5	5	19.742	CUM
6	20	98.800	99.883	1.083	5	5	27.075	CUM
7	25	98.797	99.873	1.076	5	5	26.908	CUM
8	30	98.747	99.863	1.116	5	5	27.908	CUM
9	35	98.673	99.853	1.180	5	5	29.492	CUM
10	40	98.563	99.843	1.280	5	5	31.992	CUM
11	45	98.513	99.833	1.320	5	5	32.992	CUM
12	50	98.460	99.823	1.363	5	5	34.075	CUM
13	55	98.443	99.813	1.370	5	5	34.242	CUM
14	60	98.390	99.803	1.413	5	5	35.325	CUM
15	65	98.350	99.793	1.443	5	5	36.075	CUM
16	70	98.347	99.783	1.436	5	5	35.908	CUM
17	75	98.300	99.773	1.473	5	5	36.825	CUM
18	80	98.193	99.763	1.570	5	5	39.242	CUM
19	85	98.200	99.753	1.553	5	5	38.825	CUM
20	90	98.180	99.743	1.563	5	5	39.075	CUM
21	95	98.193	99.733	1.540	5	5	38.492	CUM
22	100	98.180	99.723	1.543	5	5	38.575	CUM
23	105	98.150	99.713	1.563	5	5	39.075	CUM
24	110	98.130	99.703	1.573	5	5	39.325	CUM
25	115	98.107	99.693	1.586	5	5	39.658	CUM
26	120	98.097	99.683	1.586	5	5	39.658	CUM
27	125	98.097	99.673	1.576	5	5	39.408	CUM
28	130	97.923	99.663	1.740	5	5	43.492	CUM
29	135	98.050	99.653	1.603	5	5	40.075	CUM
30	140	98.047	99.643	1.596	5	5	39.908	CUM
31	145	98.010	99.633	1.623	5	5	40.575	CUM
32	150	97.780	99.623	1.843	5	5	46.075	CUM
33	155	97.460	99.613	2.153	5	5	53.825	CUM
34	160	97.217	99.603	2.386	5	5	59.658	CUM
35	165	97.250	99.593	2.343	5	5	58.575	CUM
36	170	97.050	99.583	2.533	5	5	63.325	CUM
37	175	97.237	99.573	2.336	5	5	58.408	CUM
38	180	97.210	99.563	2.353	5	5	58.825	CUM
39	185	97.197	99.553	2.356	5	5	58.908	CUM
40	190	97.213	99.543	2.330	5	5	58.242	CUM
							1501.342	**CUM**
							53012.374	**CFT**
							76	**DUMPER**



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