

Ministry of Ports and Shipping

**TECHNICAL ASSISTANCE
FOR
CONNECTIVITY FACILITIES
BETWEEN
COAL HANDLING TERMINAL
AROUND PORT QASIM
AND
RAILWAYS IN PAKISTAN**

FINAL REPORT

**APPENDIX
VOLUME-2**

June 2016

Japan International Cooperation Agency (JICA)

NIPPON KOEI CO., LTD.

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Appendix-2

Topographic Survey



**TOPOGRAPHIC SURVEY FOR
FEASIBILITY STUDY ON COAL TRANSPORTATION
BETWEEN PORT QASIM UNLOADING TERMINAL AND
PAKISTAN RAILWAY MAIN LINE NEAR JUMA GOTH
KARACHI, PAKISTAN**

DATE : FEB 19, 2016
PROJECT : CES-15618
CLIENT : JICA SURVEY TEAM, NIPPON KOEI CO., LTD.

**TOPOGRAPHIC SURVEY FOR
FEASIBILITY STUDY ON COAL TRANSPORTATION
BETWEEN PORT QASIM UNLOADING TERMINAL AND
PAKISTAN RAILWAY MAIN LINE NEAR JUMA GOTH
KARACHI, PAKISTAN**

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VOLUME-1

DATA FILE:

- 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CENTERLINE DATA FILE.
- 3.4 KM ROUTE FORM T JUNCTION TO COAL STORAGE YARD CENTERLINE DATA FILE.
- COAL STORAGE RAILWAY YARD AREA DATA FILE.

VOLUME-2

DRAWINGS

- 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CENTERLINE PROFILE & CROSS SECTION DRAWINGS.
- 3.4 KM ROUTE FORM T JUNCTION TO COAL STORAGE YARD CENTERLINE PROFILE & CROSS SECTION DRAWINGS.
- COAL STORAGE RAILWAY YARD AREA SURVEY PLAN

**TOPOGRAPHIC SURVEY FOR
FEASIBILITY STUDY ON COAL TRANSPORTATION
BETWEEN PORT QASIM UNLOADING TERMINAL AND
PAKISTAN RAILWAY MAIN LINE NEAR JUMA GOTH
KARACHI, PAKISTAN**

1. INTRODUCTION:

The JICA Study Team awarded a contract to Consolidated Engineering Services (Pvt) Ltd (CES) to carry out “Topographic Survey for Feasibility Study on Coal Transportation between Port Qasim Coal Unloading Terminal and Pakistan Railway Main Line near Juma Goth, Karachi, Pakistan”. The objectives of the study were to conduct the surveys on the natural conditions of the areas along PIBT/ Port Qasim and Pakistan Railway Connection Route and prepare site layout, contours and sections.

The work was carried out in accordance with TOR and technical requirements as provided by JICA.

The work involved survey of centerline with cross sections and profile survey of 3.5 Km route from PIBT to Main Railway Line (near Juma Goth), 3.4 Km from T junction (at 1680m) on 3.5 Km route centerline, East side to Coal Storage Yard and a topographic survey on the Railway Yard/Coal Storage Yard (approximate 54 ha). FIG-1 shows the location where survey work was carried out.

This report presents the details and findings of the study.

2. SITE DESCRIPTION:

The Site is located in Port Qasim Industrial Area. The work was carried out along existing Paved Roads and adjoining area. Part of the 3.5 Km route is incomplete from junction of Bhains colony Road upto Railway line.

The Railway Yard/Coal Storage Yard is almost flat area. Then exist a nala running along the south boundary of the Plot. The Railway line also exist running along the Nala.

3. DESCRIPTION OF EXECUTED WORK:

3.1. Land Survey:

The Land Survey was carried out within area as marked in TOR by JICA. The survey was carried out by referring to Control Points (Benchmarks) existing at PIBT which also connects with PQA.

The Reference Control Points are given hereunder:

1. TR BM-1: E 327087.635, N 2745264.115, HT. 6.87
2. TR BM-3: E 327640.515, N 2745252.380, HT. 5.57

These Points are shown on our submitted drawing.

3.2. Topographic Survey:

The Topographic Survey was carried out for whole of the Land Survey area by taking the observations of centerline and detail survey of proposed area for Coal Storage Yard.

The standard for control point survey was used as follow:

Coordinate System: Universal Traverse Mercator (UTM Zone 42N)
Horizontal Datum: World Geodetic System 1984 (WGS84)
Vertical Datum: Earth Geopotential Model 2008 (EGM2008)

The following are the coordinates provided for the survey field work:

1. Cross sections and profile survey of 3.5 Km route from PIBT to Main Railway Line (near Juma Goth). The coordinates are referred to PIBT Benchmarks as mentioned above.

Start Coordinates: E 327003, N 2745321
End Coordinates: E 326597, N 2748770

2. Cross section and Profile survey of 3.4 Km from T junction (at 1680m) on 3.5 Km route centerline, East side to Coal Storage Yard. The coordinates are referred to PIBT Benchmarks as mentioned above.

Start Coordinates: E 326769, N 2746979
End Coordinates: E 329973, N 2746974

3. Coal Storage Yard area limit for topographic survey based on coordinates provided by JICA.

E 329825, N 2746298
E 329746, N 2748104
E 329953, N 2748102
E 329986, N 2746314

4. DESCRIPTION OF EQUIPMENT USED IN SURVEY WORK:

- Land Survey was carried out by deploying Total Station, Sokia, Model CX.
- All the field data recorded by Total station was downloaded to the computer for further processing.

5. DATA PROCESSING:

The field data as described above was processed using computer softwares as under:

- The data of Land Survey was processed by Software, "Survey Data Recorder" (SDR MAP). The SDR Map produces the input for developing Layout, which is finalized and transferred in Auto Cad format.
- The data of cross sections was processed by Software, "SDR Map & Design". The program produces finalized Cross sections and transferred in Auto Cad format.
- The data of centerline profile was produced in RoadCalc (A module of Eagle Point for horizontal alignment work) and transferred in Auto CAD for finalized the drawings.
- The Survey data is presented in Vol-1 of the Report.

6. DRAWINGS:

Based on data processing as described above, Drawings were produced in Auto Cad format as included in the Report. The Drawings are presented in Vol-2 of the Report (submitted separately).

VOLUME-1

DATA FILE

3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE
CENTERLINE DATA FILE.

3.5 Km ROUTE PROFILE DATA

Label ID	Station	Offset	Easting	Northing	Height
Start	0+000.000	0	327003.802	2745321.318	7.121
PI	0+022.144	0	326995.099	2745341.680	7.213
	0+025.000	0	326994.684	2745344.506	7.226
	0+050.000	0	326991.045	2745369.240	7.377
	0+075.000	0	326987.407	2745393.974	7.532
	0+100.000	0	326983.769	2745418.708	7.856
	0+125.000	0	326980.131	2745443.441	7.991
	0+150.000	0	326976.493	2745468.175	8.317
	0+175.000	0	326972.854	2745492.909	8.613
	0+200.000	0	326969.216	2745517.643	8.860
	0+225.000	0	326965.578	2745542.377	9.131
	0+250.000	0	326961.940	2745567.111	9.362
	0+275.000	0	326958.302	2745591.845	9.585
	0+300.000	0	326954.663	2745616.578	9.822
	0+325.000	0	326951.025	2745641.312	9.988
	0+350.000	0	326947.387	2745666.046	10.124
	0+375.000	0	326943.749	2745690.780	10.261
	0+400.000	0	326940.111	2745715.514	10.557
	0+425.000	0	326936.473	2745740.248	10.604
	0+450.000	0	326932.834	2745764.981	10.730
	0+475.000	0	326929.196	2745789.715	11.037
PI	0+497.599	0	326925.907	2745812.074	11.179
	0+500.000	0	326925.126	2745814.344	11.211
	0+525.000	0	326916.987	2745837.982	11.527
	0+550.000	0	326908.848	2745861.620	11.816
PI	0+570.267	0	326902.249	2745880.783	12.039
	0+575.000	0	326902.526	2745885.508	12.117
	0+600.000	0	326903.989	2745910.465	13.273
	0+625.000	0	326905.453	2745935.422	14.211
	0+650.000	0	326906.916	2745960.379	15.060
PI	0+662.805	0	326907.665	2745973.162	15.463
	0+675.000	0	326906.192	2745985.268	15.847
	0+700.000	0	326903.172	2746010.085	16.638
PI	0+720.309	0	326900.719	2746030.245	17.295
	0+725.000	0	326900.121	2746034.898	17.455
	0+750.000	0	326896.934	2746059.694	18.321
	0+775.000	0	326893.748	2746084.490	19.200
	0+800.000	0	326890.561	2746109.286	20.327
	0+825.000	0	326887.374	2746134.082	21.032
PI	0+834.673	0	326886.141	2746143.676	21.163
	0+850.000	0	326883.830	2746158.828	21.388
PI	0+865.767	0	326881.454	2746174.415	21.654
	0+875.000	0	326880.179	2746183.559	21.781
PI	0+893.037	0	326877.689	2746201.424	21.946
	0+900.000	0	326876.713	2746208.318	22.030
	0+925.000	0	326873.209	2746233.071	22.375
	0+950.000	0	326869.705	2746257.824	22.660
	0+975.000	0	326866.201	2746282.578	23.008
PI	0+979.160	0	326865.618	2746286.696	23.045
	1+000.000	0	326862.752	2746307.339	23.241
	1+025.000	0	326859.314	2746332.101	23.523

PI	1+042.753	0	326856.872	2746349.686	23.688
	1+050.000	0	326855.862	2746356.862	23.741
	1+075.000	0	326852.376	2746381.617	23.904
	1+100.000	0	326848.890	2746406.373	24.108
PI	1+118.406	0	326846.323	2746424.599	24.267
	1+125.000	0	326845.422	2746431.131	24.331
	1+150.000	0	326842.005	2746455.897	24.574
	1+175.000	0	326838.587	2746480.662	24.743
PI	1+193.883	0	326836.006	2746499.368	24.852
	1+200.000	0	326835.171	2746505.428	24.864
	1+225.000	0	326831.759	2746530.194	24.944
	1+250.000	0	326828.346	2746554.960	25.241
	1+275.000	0	326824.933	2746579.726	25.498
	1+300.000	0	326821.521	2746604.492	25.786
	1+325.000	0	326818.108	2746629.258	26.024
	1+350.000	0	326814.696	2746654.024	26.202
	1+375.000	0	326811.283	2746678.790	26.431
	1+400.000	0	326807.871	2746703.556	26.668
	1+425.000	0	326804.458	2746728.322	26.906
	1+450.000	0	326801.045	2746753.087	27.129
PI	1+469.253	0	326798.417	2746772.160	27.326
	1+475.000	0	326797.643	2746777.855	27.353
	1+500.000	0	326794.273	2746802.627	27.491
	1+525.000	0	326790.902	2746827.398	27.763
	1+550.000	0	326787.532	2746852.170	27.923
	1+575.000	0	326784.162	2746876.942	28.116
	1+600.000	0	326780.792	2746901.714	28.290
PI	1+610.399	0	326779.391	2746912.018	28.380
	1+625.000	0	326777.382	2746926.480	28.501
	1+650.000	0	326773.942	2746951.242	28.667
	1+675.000	0	326770.502	2746976.005	28.787
PI	1+678.903	0	326769.965	2746979.871	28.791
	1+700.000	0	326766.909	2747000.745	28.901
PI	1+705.813	0	326766.067	2747006.496	28.926
	1+725.000	0	326763.561	2747025.519	29.017
	1+750.000	0	326760.297	2747050.305	29.181
	1+775.000	0	326757.033	2747075.091	29.350
	1+800.000	0	326753.769	2747099.877	29.454
	1+825.000	0	326750.505	2747124.663	29.643
	1+850.000	0	326747.241	2747149.449	29.796
	1+875.000	0	326743.977	2747174.235	29.810
	1+900.000	0	326740.713	2747199.021	29.996
	1+925.000	0	326737.449	2747223.807	30.215
	1+950.000	0	326734.185	2747248.593	30.388
	1+975.000	0	326730.921	2747273.379	30.529
	2+000.000	0	326727.657	2747298.165	30.731
	2+025.000	0	326724.393	2747322.951	30.950
	2+050.000	0	326721.129	2747347.737	31.136
	2+075.000	0	326717.865	2747372.523	31.330
	2+100.000	0	326714.601	2747397.309	31.524
	2+125.000	0	326711.337	2747422.095	31.661
	2+150.000	0	326708.072	2747446.881	31.858
	2+175.000	0	326704.808	2747471.667	32.057
	2+200.000	0	326701.544	2747496.453	32.234
	2+225.000	0	326698.280	2747521.239	32.424
	2+250.000	0	326695.016	2747546.025	32.641
	2+275.000	0	326691.752	2747570.811	32.741

	2+300.000	0	326688.488	2747595.597	32.959
	2+325.000	0	326685.224	2747620.383	33.174
	2+350.000	0	326681.960	2747645.169	33.371
	2+375.000	0	326678.696	2747669.955	33.561
	2+400.000	0	326675.432	2747694.741	33.750
	2+425.000	0	326672.168	2747719.527	33.925
	2+450.000	0	326668.904	2747744.313	34.101
	2+475.000	0	326665.640	2747769.099	34.281
	2+500.000	0	326662.376	2747793.885	34.461
	2+525.000	0	326659.112	2747818.671	34.644
PI	2+540.605	0	326657.074	2747834.142	34.756
	2+550.000	0	326655.838	2747843.456	34.834
	2+575.000	0	326652.548	2747868.239	35.039
	2+600.000	0	326649.258	2747893.021	35.202
PI	2+612.343	0	326647.634	2747905.257	35.268
	2+625.000	0	326646.108	2747917.822	35.321
PI	2+641.770	0	326644.086	2747934.470	35.356
	2+650.000	0	326643.645	2747942.688	35.358
PI	2+663.634	0	326642.914	2747956.302	35.349
	2+675.000	0	326642.811	2747967.667	35.325
PI	2+678.770	0	326642.777	2747971.437	35.310
PI	2+689.064	0	326642.227	2747981.716	35.267
PI	2+693.718	0	326641.812	2747986.352	35.247
	2+700.000	0	326640.691	2747992.533	35.246
PI	2+707.948	0	326639.272	2748000.353	35.249
PI	2+714.917	0	326637.348	2748007.051	35.251
	2+725.000	0	326633.574	2748016.402	35.253
PI	2+736.224	0	326629.373	2748026.810	35.252
	2+750.000	0	326624.282	2748039.611	35.241
PI	2+765.762	0	326618.457	2748054.257	35.227
	2+775.000	0	326619.804	2748063.396	35.197
PI	2+799.304	0	326623.349	2748087.440	35.102
	2+800.000	0	326623.262	2748088.130	35.101
	2+825.000	0	326620.127	2748112.933	35.035
	2+850.000	0	326616.992	2748137.736	34.950
	2+875.000	0	326613.858	2748162.539	34.901
	2+900.000	0	326610.723	2748187.341	34.972
	2+925.000	0	326607.588	2748212.144	35.110
	2+950.000	0	326604.453	2748236.947	35.331
	2+975.000	0	326601.319	2748261.749	35.423
PI	2+991.765	0	326599.217	2748278.382	35.461
	3+000.000	0	326598.174	2748286.551	35.491
	3+025.000	0	326595.008	2748311.349	35.621
PI	3+033.205	0	326593.969	2748319.489	35.676
	3+050.000	0	326593.608	2748336.280	35.794
PI	3+053.564	0	326593.531	2748339.842	35.823
PI	3+070.849	0	326595.716	2748356.989	35.962
	3+075.000	0	326595.738	2748361.140	35.990
	3+100.000	0	326595.866	2748386.140	36.138
	3+125.000	0	326595.994	2748411.139	36.301
	3+150.000	0	326596.122	2748436.139	36.428
	3+175.000	0	326596.251	2748461.139	36.648
PI	3+193.318	0	326596.345	2748479.456	36.806
	3+200.000	0	326596.454	2748486.137	36.864
PI	3+214.622	0	326596.694	2748500.758	36.991
	3+225.000	0	326596.727	2748511.135	37.079
	3+250.000	0	326596.807	2748536.135	37.251

	3+275.000	0	326596.887	2748561.135	37.354
	3+300.000	0	326596.967	2748586.135	37.451
	3+325.000	0	326597.047	2748611.135	37.548
	3+350.000	0	326597.128	2748636.135	37.643
	3+375.000	0	326597.208	2748661.135	37.271
	3+400.000	0	326597.288	2748686.135	37.445
	3+425.000	0	326597.368	2748711.134	37.403
	3+450.000	0	326597.448	2748736.134	37.508
	3+475.000	0	326597.528	2748761.134	38.121
EOP	3+485.804	0	326597.558	2748770.564	39.833

3.5 Km ROUTE CROSS SECTION DATA

Point ID #	Station	Offset	Easting	Northing	Height
1	0	0.000	327003.802	2745321.318	7.121
2	0	3.500	327007.020	2745322.694	6.961
3	0	7.280	327010.496	2745324.179	6.670
4	0	12.740	327015.517	2745326.325	3.990
5	0	27.110	327028.730	2745331.973	3.710
6	0	41.680	327042.128	2745337.699	3.620
7	0	50.000	327049.778	2745340.969	3.731
8	0	-3.500	327000.584	2745319.942	7.291
9	0	-8.700	326995.802	2745317.899	6.801
10	0	-9.921	326994.679	2745317.419	6.081
11	0	-11.721	326993.024	2745316.711	5.021
12	0	-20.231	326985.199	2745313.367	4.782
13	0	-31.000	326975.297	2745309.134	4.322
14	0	-40.664	326966.410	2745305.336	4.243
15	0	-50.000	326957.826	2745301.667	3.963
16	125	0.000	326980.131	2745443.441	7.991
17	125	3.500	326983.594	2745443.950	7.920
18	125	9.890	326989.916	2745444.880	7.860
19	125	11.320	326991.330	2745445.088	7.682
20	125	12.471	326992.469	2745445.256	6.241
21	125	14.196	326994.176	2745445.507	4.341
22	125	21.254	327001.159	2745446.534	4.354
23	125	40.351	327020.052	2745449.313	4.214
24	125	50.000	327029.599	2745450.717	4.684
25	125	-3.500	326976.668	2745442.932	7.961
26	125	-7.541	326972.670	2745442.344	7.663
27	125	-11.771	326968.485	2745441.728	7.961
28	125	-17.821	326962.500	2745440.848	5.721
29	125	-28.115	326952.315	2745439.350	4.762
30	125	-42.612	326937.973	2745437.240	4.231
31	125	-50.000	326930.663	2745436.165	4.293
32	250	0.000	326961.940	2745567.110	9.362
33	250	3.500	326965.403	2745567.620	9.211
34	250	5.514	326967.395	2745567.913	8.564
35	250	8.891	326970.736	2745568.404	7.577
36	250	21.627	326983.337	2745570.258	6.442
37	250	36.227	326997.781	2745572.382	5.121
38	250	50.000	327011.408	2745574.386	6.087
39	250	-3.500	326958.477	2745566.601	9.196
40	250	-6.114	326955.891	2745566.221	8.634
41	250	-11.136	326950.923	2745565.490	7.924
42	250	-21.091	326941.074	2745564.041	6.462
43	250	-30.934	326931.335	2745562.609	5.333
44	250	-50.000	326912.472	2745559.834	5.446
45	375	0.000	326943.749	2745690.780	10.261
46	375	3.500	326947.212	2745691.289	10.177
47	375	5.661	326949.350	2745691.603	10.044
48	375	8.442	326952.101	2745692.008	9.824
49	375	10.102	326953.744	2745692.250	9.094
50	375	11.443	326955.070	2745692.445	8.044
51	375	22.794	326966.300	2745694.097	7.846

52	375	36.248	326979.611	2745696.054	7.662
53	375	50.000	326993.217	2745698.056	8.422
54	375	-3.500	326940.286	2745690.270	10.094
55	375	-6.342	326937.475	2745689.857	9.944
56	375	-9.223	326934.624	2745689.438	9.556
57	375	-11.304	326932.565	2745689.135	8.533
58	375	-24.267	326919.740	2745687.248	7.776
59	375	-38.668	326905.493	2745685.153	7.153
60	375	-50.000	326894.281	2745683.504	7.332
61	500	0.000	326925.126	2745814.344	11.211
62	500	2.250	326927.254	2745815.076	11.283
63	500	4.791	326929.656	2745815.903	11.444
64	500	7.561	326932.275	2745816.805	11.254
65	500	8.552	326933.212	2745817.127	11.171
66	500	8.851	326933.495	2745817.224	11.081
67	500	8.951	326933.590	2745817.257	10.211
68	500	11.010	326935.537	2745817.927	10.212
69	500	11.151	326935.670	2745817.973	11.021
70	500	11.451	326935.954	2745818.071	11.020
71	500	13.219	326937.625	2745818.646	10.951
72	500	16.774	326940.987	2745819.803	11.201
73	500	19.224	326943.303	2745820.600	11.221
74	500	34.341	326957.598	2745825.520	10.210
75	500	50.000	326972.404	2745830.616	12.111
76	500	-2.250	326922.999	2745813.612	11.111
77	500	-3.442	326921.871	2745813.224	10.992
78	500	-5.881	326919.565	2745812.430	10.722
79	500	-25.553	326900.964	2745806.028	9.377
80	500	-33.957	326893.018	2745803.293	8.555
81	500	-50.000	326877.848	2745798.071	9.133
82	625	0.000	326905.453	2745935.422	14.211
83	625	2.750	326908.198	2745935.261	14.182
84	625	7.611	326913.051	2745934.976	14.322
85	625	9.291	326914.728	2745934.878	14.064
86	625	9.611	326915.047	2745934.859	14.061
87	625	9.711	326915.147	2745934.853	13.046
88	625	12.111	326917.543	2745934.713	13.048
89	625	12.211	326917.643	2745934.707	14.066
90	625	12.511	326917.943	2745934.689	14.067
91	625	13.491	326918.921	2745934.632	14.711
92	625	23.261	326928.674	2745934.060	15.181
93	625	34.891	326940.284	2745933.379	17.181
94	625	50.000	326955.367	2745932.495	16.211
95	625	-2.750	326902.708	2745935.583	14.133
96	625	-8.633	326896.835	2745935.927	15.644
97	625	-21.930	326883.561	2745936.705	16.274
98	625	-32.284	326873.224	2745937.312	18.361
99	625	-50.000	326855.539	2745938.349	18.771
100	750	0.000	326896.934	2746059.694	18.321
101	750	3.350	326900.257	2746060.121	18.111
102	750	7.114	326903.990	2746060.600	18.141
103	750	8.224	326905.091	2746060.742	18.871
104	750	10.712	326907.559	2746061.059	19.181
105	750	16.684	326913.482	2746061.820	17.631
106	750	23.492	326920.234	2746062.688	16.911
107	750	31.614	326928.290	2746063.723	16.194
108	750	40.672	326937.274	2746064.878	16.394

109	750	50.000	326946.526	2746066.067	16.373
110	750	-3.350	326893.611	2746059.267	18.131
111	750	-7.211	326889.782	2746058.774	18.431
112	750	-9.134	326887.875	2746058.529	19.411
113	750	-13.611	326883.434	2746057.959	19.691
114	750	-19.057	326878.032	2746057.265	20.061
115	750	-25.442	326871.700	2746056.451	20.081
116	750	-37.724	326859.518	2746054.885	19.671
117	750	-40.513	326856.751	2746054.530	19.271
118	750	-50.000	326847.342	2746053.321	17.711
119	875	0.000	326880.179	2746183.559	21.781
120	875	3.400	326883.546	2746184.029	21.771
121	875	8.617	326888.713	2746184.749	21.691
122	875	14.593	326894.632	2746185.574	22.241
123	875	24.792	326904.734	2746186.982	21.881
124	875	33.311	326913.171	2746188.158	22.411
125	875	50.000	326929.700	2746190.463	21.691
126	875	-3.400	326876.812	2746183.090	21.711
127	875	-6.752	326873.492	2746182.627	21.441
128	875	-14.542	326865.776	2746181.551	21.231
129	875	-22.113	326858.278	2746180.506	19.841
130	875	-29.142	326851.316	2746179.535	19.721
131	875	-35.682	326844.839	2746178.632	19.741
132	875	-43.173	326837.419	2746177.598	19.851
133	875	-50.000	326830.658	2746176.656	19.651
134	1000	0.000	326862.752	2746307.338	23.241
135	1000	3.900	326866.615	2746307.875	23.191
136	1000	6.492	326869.182	2746308.231	23.031
137	1000	13.333	326875.958	2746309.172	23.461
138	1000	17.473	326880.059	2746309.741	23.191
139	1000	35.513	326897.928	2746312.222	23.621
140	1000	50.000	326912.277	2746314.214	23.271
141	1000	-3.900	326858.889	2746306.802	23.141
142	1000	-7.110	326855.710	2746306.361	23.131
143	1000	-10.111	326852.737	2746305.948	23.221
144	1000	-12.682	326850.191	2746305.594	23.021
145	1000	-15.541	326847.359	2746305.201	23.741
146	1000	-18.645	326844.284	2746304.774	23.141
147	1000	-21.944	326841.017	2746304.321	23.171
148	1000	-27.943	326835.075	2746303.496	23.461
149	1000	-40.869	326822.271	2746301.718	23.681
150	1000	-50.000	326813.227	2746300.462	23.941
151	1125	0.000	326845.422	2746431.131	24.331
152	1125	4.400	326849.781	2746431.732	24.321
153	1125	6.634	326851.994	2746432.038	24.441
154	1125	11.142	326856.459	2746432.654	24.611
155	1125	18.214	326863.465	2746433.620	24.681
156	1125	28.341	326873.497	2746435.004	25.421
157	1125	-4.400	326841.063	2746430.530	24.261
158	1125	-6.834	326838.652	2746430.197	24.111
159	1125	-9.912	326835.603	2746429.777	24.061
160	1125	-23.591	326822.052	2746427.907	23.671
161	1125	-33.631	326812.107	2746426.535	23.331
162	1125	-50.000	326795.891	2746424.298	22.911
163	1250	0.000	326828.346	2746554.959	25.241
164	1250	4.700	326833.002	2746555.601	25.111
165	1250	9.511	326837.768	2746556.258	24.931

166	1250	18.664	326846.835	2746557.507	24.661
167	1250	28.537	326856.616	2746558.855	24.371
168	1250	-4.700	326823.690	2746554.318	25.131
169	1250	-7.444	326820.972	2746553.943	25.011
170	1250	-11.413	326817.040	2746553.401	24.831
171	1250	-21.571	326806.977	2746552.014	24.811
172	1250	-35.634	326793.046	2746550.095	24.061
173	1250	-50.000	326778.814	2746548.133	23.011
174	1375	0.000	326811.283	2746678.789	26.431
175	1375	5.000	326816.236	2746679.472	26.391
176	1375	7.774	326818.984	2746679.850	26.171
177	1375	10.207	326821.395	2746680.182	26.531
178	1375	15.733	326826.869	2746680.937	26.591
179	1375	26.055	326837.094	2746682.346	24.561
180	1375	-5.000	326806.330	2746678.107	26.381
181	1375	-8.431	326802.931	2746677.638	26.141
182	1375	-14.614	326796.806	2746676.794	25.911
183	1375	-18.333	326793.122	2746676.287	25.981
184	1375	-34.324	326777.280	2746674.104	25.171
185	1375	-50.000	326761.751	2746671.964	24.331
186	1500	0.000	326794.273	2746802.626	27.491
187	1500	5.300	326799.525	2746803.341	27.381
188	1500	9.412	326803.599	2746803.895	27.331
189	1500	14.207	326808.350	2746804.542	27.411
190	1500	24.668	326818.716	2746805.952	26.101
191	1500	-5.300	326789.021	2746801.912	27.411
192	1500	-9.108	326785.248	2746801.398	27.161
193	1500	-12.847	326781.543	2746800.894	27.261
194	1500	-26.748	326767.769	2746799.020	26.211
195	1500	-37.189	326757.424	2746797.613	25.471
196	1500	-50.000	326744.730	2746795.885	25.331
197	1625	0.000	326777.382	2746926.480	28.501
198	1625	5.600	326782.929	2746927.250	28.411
199	1625	12.917	326790.176	2746928.257	28.511
200	1625	18.118	326795.328	2746928.973	28.671
201	1625	-5.600	326771.835	2746925.709	28.361
202	1625	-7.471	326769.982	2746925.452	28.141
203	1625	-11.076	326766.411	2746924.956	27.891
204	1625	-13.967	326763.548	2746924.558	27.261
205	1625	-23.338	326754.266	2746923.269	26.411
206	1625	-35.768	326741.954	2746921.558	26.941
207	1625	-47.338	326730.494	2746919.966	25.641
208	1625	-50.000	326727.858	2746919.600	25.781
209	1750	0.000	326760.297	2747050.305	29.181
210	1750	6.000	326766.246	2747051.088	29.141
211	1750	7.113	326767.349	2747051.234	29.191
212	1750	11.124	326771.326	2747051.757	28.811
213	1750	16.483	326776.639	2747052.457	28.691
214	1750	19.322	326779.454	2747052.828	28.671
215	1750	-6.000	326754.348	2747049.522	29.111
216	1750	-6.784	326753.571	2747049.419	29.141
217	1750	-7.841	326752.523	2747049.281	28.061
218	1750	-9.672	326750.708	2747049.042	27.291
219	1750	-13.124	326747.285	2747048.592	27.021
220	1750	-15.811	326744.621	2747048.241	26.221
221	1750	-19.672	326740.793	2747047.737	25.411
222	1750	-32.831	326727.747	2747046.019	24.741

223	1750	-50.000	326710.725	2747043.777	26.561
224	1875	0.000	326743.977	2747174.235	29.801
225	1875	6.000	326749.926	2747175.018	29.641
226	1875	7.130	326751.046	2747175.166	29.781
227	1875	9.050	326752.950	2747175.417	29.251
228	1875	12.960	326756.826	2747175.927	28.771
229	1875	15.140	326758.987	2747176.212	28.931
230	1875	16.470	326760.306	2747176.385	28.471
231	1875	28.640	326772.372	2747177.974	28.591
232	1875	50.000	326793.549	2747180.763	28.431
233	1875	-6.000	326738.028	2747173.452	29.631
234	1875	-7.890	326736.155	2747173.205	29.401
235	1875	-11.280	326732.794	2747172.762	28.581
236	1875	-23.960	326720.222	2747171.107	28.251
237	1875	-28.350	326715.870	2747170.534	27.991
238	1875	-37.260	326707.036	2747169.370	28.251
239	1875	-50.000	326694.405	2747167.707	29.021
240	2000	0.000	326727.657	2747298.165	30.731
241	2000	6.000	326733.606	2747298.948	30.671
242	2000	6.781	326734.380	2747299.050	30.891
243	2000	11.550	326739.108	2747299.673	30.451
244	2000	16.233	326743.751	2747300.284	30.481
245	2000	28.632	326756.044	2747301.903	30.431
246	2000	42.115	326769.412	2747303.664	30.481
247	2000	50.000	326777.229	2747304.693	30.511
248	2000	-6.000	326721.708	2747297.382	30.631
249	2000	-6.889	326720.827	2747297.266	30.751
250	2000	-10.732	326717.017	2747296.764	30.301
251	2000	-18.768	326709.050	2747295.715	30.271
252	2000	-28.294	326699.605	2747294.471	30.231
253	2000	-40.593	326687.411	2747292.865	30.331
254	2000	-50.000	326678.085	2747291.637	30.431
255	2125	0.000	326711.337	2747422.095	31.661
256	2125	6.000	326717.286	2747422.879	31.571
257	2125	6.886	326718.164	2747422.994	31.461
258	2125	10.964	326722.207	2747423.527	30.981
259	2125	15.106	326726.314	2747424.068	30.861
260	2125	19.244	326730.416	2747424.608	30.901
261	2125	29.631	326740.714	2747425.964	31.111
262	2125	38.243	326749.253	2747427.089	31.271
263	2125	50.000	326760.909	2747428.624	31.241
264	2125	-6.000	326705.388	2747421.312	31.541
265	2125	-6.983	326704.414	2747421.183	31.511
266	2125	-7.812	326703.592	2747421.075	30.841
267	2125	-11.068	326700.364	2747420.650	30.311
268	2125	-16.624	326694.855	2747419.924	30.291
269	2125	-28.027	326683.550	2747418.435	30.321
270	2125	-44.000	326667.714	2747416.350	30.771
271	2125	-50.000	326661.765	2747415.566	31.061
272	2250	0.000	326695.016	2747546.025	32.641
273	2250	6.000	326700.965	2747546.808	32.481
274	2250	6.986	326701.942	2747546.937	32.511
275	2250	7.948	326702.896	2747547.063	32.401
276	2250	10.333	326705.261	2747547.374	31.911
277	2250	17.202	326712.071	2747548.271	31.841
278	2250	-6.000	326689.067	2747545.242	32.471
279	2250	-6.886	326688.189	2747545.126	32.511

280	2250	-7.692	326687.390	2747545.021	32.061
281	2250	-11.935	326683.183	2747544.467	31.181
282	2250	-19.090	326676.089	2747543.533	31.021
283	2250	-38.290	326657.054	2747541.026	31.411
284	2250	-44.283	326651.112	2747540.243	31.411
285	2250	-50.000	326645.444	2747539.497	31.771
286	2375	0.000	326678.696	2747669.955	33.561
287	2375	6.000	326684.645	2747670.738	33.431
288	2375	6.963	326685.599	2747670.864	33.411
289	2375	9.111	326687.729	2747671.145	32.911
290	2375	13.418	326691.999	2747671.707	32.571
291	2375	22.415	326700.919	2747672.882	32.061
292	2375	33.224	326711.636	2747674.293	32.331
293	2375	50.000	326728.268	2747676.483	32.691
294	2375	-6.000	326672.747	2747669.172	33.371
295	2375	-6.884	326671.871	2747669.056	33.411
296	2375	-7.018	326671.738	2747669.039	33.121
297	2375	-17.720	326661.128	2747667.642	32.591
298	2375	-30.790	326648.170	2747665.935	32.381
299	2375	-41.752	326637.301	2747664.504	32.521
300	2375	-50.000	326629.124	2747663.427	31.441
301	2500	0.000	326662.376	2747793.885	34.461
302	2500	6.000	326668.325	2747794.669	34.331
303	2500	7.001	326669.317	2747794.799	34.281
304	2500	12.283	326674.554	2747795.489	33.301
305	2500	20.603	326682.803	2747796.575	33.031
306	2500	33.492	326695.581	2747798.258	33.191
307	2500	38.157	326700.206	2747798.867	33.211
308	2500	50.000	326711.948	2747800.413	33.361
309	2500	-6.000	326656.427	2747793.102	34.351
310	2500	-7.113	326655.324	2747792.956	34.331
311	2500	-7.996	326654.448	2747792.841	33.961
312	2500	-8.991	326653.462	2747792.711	33.611
313	2500	-17.633	326644.894	2747791.583	33.051
314	2500	-31.392	326631.253	2747789.787	32.171
315	2500	-50.000	326612.804	2747787.357	31.921
316	2625	0.000	326646.108	2747917.821	35.321
317	2625	6.000	326652.064	2747918.545	35.251
318	2625	6.889	326652.947	2747918.652	35.211
319	2625	10.410	326656.442	2747919.076	34.661
320	2625	13.140	326659.152	2747919.406	34.091
321	2625	18.190	326664.165	2747920.014	33.811
322	2625	25.080	326671.005	2747920.845	33.621
323	2625	31.610	326677.487	2747921.632	33.651
324	2625	40.083	326685.899	2747922.654	33.791
325	2625	50.000	326695.743	2747923.850	34.001
326	2625	-6.000	326640.152	2747917.098	33.231
327	2625	-6.779	326639.379	2747917.004	33.211
328	2625	-7.611	326638.553	2747916.904	34.751
329	2625	-12.162	326634.035	2747916.355	33.461
330	2625	-18.064	326628.176	2747915.643	33.311
331	2625	-20.558	326625.700	2747915.343	33.191
332	2625	-31.048	326615.287	2747914.078	32.301
333	2625	-50.000	326596.473	2747911.793	32.361
334	2750	0.000	326624.282	2748039.610	35.241
335	2750	6.000	326629.857	2748041.828	35.111
336	2750	6.896	326630.690	2748042.159	35.171

337	2750	10.244	326633.801	2748043.396	34.941
338	2750	15.980	326639.131	2748045.516	34.811
339	2750	18.392	326641.372	2748046.407	34.081
340	2750	30.674	326652.785	2748050.946	34.071
341	2750	50.000	326670.743	2748058.088	32.531
342	2750	-6.000	326618.707	2748037.393	35.131
343	2750	-6.748	326618.012	2748037.117	35.111
344	2750	-8.514	326616.371	2748036.464	35.131
345	2750	-10.223	326614.783	2748035.832	34.931
346	2750	-13.463	326611.772	2748034.635	34.891
347	2750	-15.280	326610.084	2748033.964	34.431
348	2750	-17.422	326608.094	2748033.172	33.431
349	2750	-21.633	326604.181	2748031.616	31.871
350	2750	-25.793	326600.315	2748030.078	31.531
351	2750	-34.444	326592.277	2748026.881	30.551
352	2750	-44.922	326582.540	2748023.009	30.321
353	2750	-48.226	326579.470	2748021.788	30.261
354	2750	-50.000	326577.822	2748021.133	30.161
355	2875	0.000	326613.858	2748162.539	34.901
356	2875	2.910	326616.745	2748162.903	34.871
357	2875	6.125	326619.935	2748163.307	34.831
358	2875	13.114	326626.869	2748164.183	29.461
359	2875	26.081	326639.733	2748165.809	27.921
360	2875	39.324	326652.872	2748167.469	28.021
361	2875	50.000	326663.463	2748168.808	28.441
362	2875	-2.910	326610.971	2748162.174	34.851
363	2875	-7.881	326606.039	2748161.550	35.151
364	2875	-10.241	326603.698	2748161.255	34.711
365	2875	-12.750	326601.209	2748160.940	33.761
366	2875	-15.341	326598.638	2748160.615	33.911
367	2875	-23.042	326590.998	2748159.650	32.021
368	2875	-29.541	326584.550	2748158.835	30.581
369	2875	-38.462	326575.700	2748157.716	30.591
370	2875	-50.000	326564.253	2748156.270	30.631
371	3000	0.000	326598.174	2748286.551	35.491
372	3000	2.150	326600.307	2748286.823	35.481
373	3000	3.694	326601.838	2748287.019	35.321
374	3000	7.463	326605.577	2748287.496	35.221
375	3000	10.146	326608.238	2748287.836	35.241
376	3000	17.544	326615.577	2748288.773	35.161
377	3000	29.886	326627.819	2748290.336	34.911
378	3000	50.000	326647.771	2748292.883	34.511
379	3000	-2.150	326596.041	2748286.278	35.591
380	3000	-4.448	326593.762	2748285.987	35.471
381	3000	-6.469	326591.757	2748285.731	35.281
382	3000	-8.169	326590.071	2748285.516	35.081
383	3000	-13.068	326585.211	2748284.896	32.931
384	3000	-15.182	326583.114	2748284.628	31.591
385	3000	-29.182	326569.227	2748282.855	31.481
386	3000	-41.631	326556.878	2748281.278	31.611
387	3000	-50.000	326548.577	2748280.218	31.591
388	3125	0.000	326595.994	2748411.139	36.301
389	3125	1.865	326597.859	2748411.130	36.391
390	3125	2.199	326598.193	2748411.128	36.241
391	3125	5.034	326601.028	2748411.114	35.581
392	3125	9.157	326605.151	2748411.092	35.681
393	3125	15.834	326611.828	2748411.058	35.271

394	3125	19.991	326615.985	2748411.037	34.691
395	3125	37.314	326633.308	2748410.948	35.981
396	3125	50.000	326645.993	2748410.883	35.241
397	3125	-1.865	326594.129	2748411.149	36.221
398	3125	-3.440	326592.554	2748411.157	35.721
399	3125	-14.980	326581.014	2748411.216	35.431
400	3125	-31.950	326564.044	2748411.303	34.911
401	3125	-34.251	326561.743	2748411.315	35.771
402	3125	-35.158	326560.836	2748411.319	35.891
403	3125	-38.021	326557.973	2748411.334	35.871
404	3125	-38.349	326557.646	2748411.336	35.811
405	3125	-41.483	326554.512	2748411.352	35.461
406	3125	-43.189	326552.806	2748411.360	31.241
407	3125	-50.000	326545.995	2748411.395	31.951
408	3250	0.000	326596.807	2748536.135	37.251
409	3250	1.560	326598.367	2748536.130	37.241
410	3250	6.422	326603.229	2748536.115	36.511
411	3250	19.713	326616.520	2748536.072	36.571
412	3250	24.573	326621.380	2748536.057	36.611
413	3250	34.652	326631.459	2748536.024	36.621
414	3250	42.934	326639.741	2748535.998	36.581
415	3250	50.000	326646.807	2748535.975	37.131
416	3250	-1.560	326595.247	2748536.140	37.091
417	3250	-3.281	326593.526	2748536.146	36.611
418	3250	-17.744	326579.063	2748536.192	36.271
419	3250	-19.722	326577.085	2748536.198	36.211
420	3250	-33.670	326563.137	2748536.243	36.081
421	3250	-35.090	326561.717	2748536.248	36.831
422	3250	-37.620	326559.187	2748536.256	36.811
423	3250	-38.816	326557.991	2748536.260	36.741
424	3250	-46.264	326550.543	2748536.283	35.711
425	3250	-50.000	326546.807	2748536.295	35.931
426	3375	0.000	326597.208	2748661.135	37.271
427	3375	5.144	326602.352	2748661.118	37.341
428	3375	15.111	326612.319	2748661.086	37.331
429	3375	25.364	326622.572	2748661.054	37.301
430	3375	40.412	326637.620	2748661.005	37.301
431	3375	50.000	326647.208	2748660.975	37.311
432	3375	-4.826	326592.382	2748661.150	37.281
433	3375	-9.541	326587.667	2748661.165	37.261
434	3375	-14.482	326582.726	2748661.181	37.231
435	3375	-24.331	326572.877	2748661.213	37.181
436	3375	-34.580	326562.628	2748661.245	37.111
437	3375	-43.513	326553.695	2748661.274	37.011
438	3375	-50.000	326547.208	2748661.295	30.991
439	3475	0.000	326597.528	2748761.134	38.121
440	3475	4.562	326602.090	2748761.120	38.431
441	3475	14.543	326612.071	2748761.088	38.211
442	3475	19.314	326616.842	2748761.073	38.171
443	3475	23.462	326620.990	2748761.059	38.111
444	3475	28.972	326626.500	2748761.042	38.011
445	3475	33.742	326631.270	2748761.027	37.911
446	3475	39.062	326636.590	2748761.010	37.831
447	3475	44.163	326641.691	2748760.993	37.691
448	3475	50.000	326647.528	2748760.975	37.671
449	3475	-6.061	326591.467	2748761.154	38.291
450	3475	-11.067	326586.461	2748761.169	38.131

451	3475	-15.703	326581.825	2748761.184	38.221
452	3475	-25.589	326571.939	2748761.216	38.421
453	3475	-35.227	326562.301	2748761.247	38.611
454	3475	-48.142	326549.386	2748761.288	38.361
455	3475	-50.000	326547.528	2748761.294	38.321

**SURVEY RAW DATA
COMBINED 3.5 KM & 3.4 KM ROUTE**

Point ID	Easting	Northing	Height	Code
1	326779.505	2747053.639	28.668	WALL
2	326770.179	2747022.988	28.936	KS
3	326772.728	2747004.343	28.824	KS
4	326775.349	2746997.950	28.814	KS
5	326779.141	2746992.756	28.825	KS
6	326782.955	2746990.590	28.820	KS
7	326783.184	2747005.768	28.630	WALL
8	326866.079	2747005.373	29.118	WALL
9	326871.015	2746990.822	29.107	KS
10	326872.070	2746991.634	29.110	KS
11	326872.550	2746992.291	29.180	KS
12	326799.634	2746995.689	27.673	C
13	326776.423	2747002.744	28.273	MH
14	326796.166	2747005.051	28.468	MH
15	326806.561	2747003.011	28.386	MH
16	326825.664	2747004.024	28.884	MH
17	326839.781	2747002.008	28.601	MH
18	326858.302	2746998.562	28.714	C
19	326872.216	2747001.163	29.136	KS
20	326884.910	2747009.168	29.475	KS
21	326885.727	2746992.198	29.241	KS
22	326886.660	2746990.975	29.172	KS
23	326887.933	2746990.699	29.235	KS
24	326894.507	2746998.084	28.758	C
25	326890.713	2746981.869	29.321	KS
26	326889.353	2746979.725	29.384	KS
27	326890.801	2746977.895	29.316	KS
28	326865.027	2746978.100	29.274	KS
29	326866.820	2746980.151	29.335	KS
30	326865.389	2746982.028	29.234	KS
31	326792.284	2746981.834	28.985	KS
32	326790.369	2746980.386	28.976	KS
33	326792.221	2746977.909	28.895	KS
34	326777.835	2746963.192	28.560	KS
35	326779.958	2746967.804	28.635	KS
36	326785.749	2746969.101	28.768	KS
37	326797.924	2746969.207	28.904	KS
38	326803.607	2746963.000	28.798	KS
39	326803.701	2746955.753	28.925	KS
40	326813.006	2746955.728	29.088	KS
41	326813.216	2746963.121	28.786	KS
42	326819.408	2746969.115	28.944	KS
43	326829.154	2746969.037	29.024	KS
44	326835.617	2746962.365	28.936	KS
45	326835.643	2746955.506	28.959	KS
46	326836.983	2746955.545	29.014	GATE
47	326842.389	2746955.521	29.070	GATE
48	326843.979	2746955.501	29.083	KS
49	326844.080	2746962.367	28.954	KS
50	326847.155	2746966.641	28.916	KS

51	326854.016	2746969.211	29.067	KS
52	326917.292	2746990.758	29.176	KS
53	326934.459	2746998.942	29.198	KS
54	326934.630	2747004.875	29.200	GATE
55	326940.798	2747004.919	29.254	GATE
56	326940.796	2747004.919	29.253	KS
57	326940.874	2746998.686	29.194	KS
58	326942.472	2746990.699	29.204	KS
59	326952.863	2746990.753	29.213	KS
60	326955.657	2746992.714	29.216	KS
61	326957.990	2746999.594	29.176	KS
62	326954.556	2746990.806	29.248	KS
63	326956.510	2746994.489	29.190	KS
64	326958.067	2746999.609	29.178	KS
65	326957.955	2747004.876	29.292	GATE
66	326965.307	2747004.834	29.285	GATE
67	326965.308	2747004.833	29.285	KS
68	326965.347	2746999.006	29.212	KS
69	326966.684	2746993.282	29.173	KS
70	326968.002	2746990.926	29.232	KS
71	326972.156	2746990.664	29.219	KS
72	326993.568	2746996.027	29.209	KS
73	326993.822	2747004.669	29.321	GATE
74	326999.922	2747004.629	29.271	GATE
75	326999.918	2747004.626	29.267	KS
76	327000.724	2746994.239	29.120	KS
77	327004.075	2746990.556	29.299	KS
78	327004.102	2746997.278	28.991	KS
79	327011.630	2746968.896	29.408	KS
80	327013.919	2746967.195	29.437	KS
81	327014.383	2746964.711	29.223	KS
82	326792.949	2746955.738	28.572	WALL
83	327002.709	2746954.853	29.334	WALL
84	326898.215	2747005.221	29.296	WALL
85	326958.319	2746959.293	29.294	C
86	326912.749	2746959.986	29.051	C
87	326866.132	2746960.616	28.733	C
88	326803.990	2746955.664	28.783	GATE
89	326805.469	2746955.656	28.808	GATE
90	326806.118	2746955.628	28.821	GATE
91	326811.521	2746955.669	28.894	GATE
92	326780.153	2746992.425	29.085	LP
93	326770.786	2747023.028	29.210	LP
94	327022.891	2746982.064	29.519	TRIG
95	327041.301	2746954.616	29.468	WALL
96	327009.316	2746944.990	29.459	WALL
97	327021.731	2746950.915	29.242	KS
98	327028.650	2746950.354	29.207	KS
99	327035.298	2746965.595	29.279	KS
100	327037.094	2746967.816	29.338	KS
101	327038.823	2746968.664	29.350	KS
102	327055.858	2746958.521	29.313	C
103	327062.612	2747004.601	29.598	WALL
104	327065.866	2747009.226	29.690	WALL
105	327070.971	2746990.950	29.465	KS

106	327071.845	2746990.528	29.438	KS
107	327073.144	2746990.430	29.453	KS
108	327029.285	2746990.483	29.256	KS
109	327042.559	2746990.380	29.347	KS
110	327047.179	2746990.421	29.373	KS
111	327055.511	2746995.953	29.377	KS
112	327063.959	2747004.734	29.541	KS
113	327115.729	2747009.042	30.095	WALL
114	327118.848	2747004.452	29.630	WALL
115	327123.362	2747000.590	28.931	MH
116	327125.742	2746999.633	28.936	MH
117	327142.102	2746999.478	28.738	MH
118	327149.703	2747000.423	28.944	MH
119	327149.063	2747004.188	29.147	WALL
120	327154.075	2746995.522	28.881	C
121	327109.723	2746990.299	29.427	KS
122	327152.381	2746954.468	29.163	WALL
123	327133.223	2746990.142	29.395	KS
124	327159.398	2746991.584	29.451	KS
125	327162.562	2746996.294	29.389	KS
126	327164.369	2747008.256	29.417	KS
127	327171.780	2747006.769	29.470	KS
128	327173.342	2746997.892	29.420	KS
129	327185.580	2747001.197	28.846	WALL
130	327183.304	2747000.209	28.744	MH
131	327182.286	2747000.106	28.771	MH
132	327180.783	2746999.405	28.941	MH
133	327185.996	2746994.534	29.129	MH
134	327196.911	2746981.334	29.602	KS
135	327195.503	2746979.265	29.669	KS
136	327197.333	2746977.326	29.557	KS
137	327181.325	2746977.331	29.573	KS
138	327182.706	2746979.002	29.665	KS
139	327180.631	2746981.373	29.644	KS
140	327166.101	2746981.424	29.598	KS
141	327164.599	2746979.222	29.627	KS
142	327166.163	2746977.358	29.545	KS
143	327150.208	2746977.398	29.567	KS
144	327151.660	2746979.341	29.620	KS
145	327149.924	2746981.363	29.614	KS
146	327101.790	2746958.352	29.523	C
147	327183.973	2746954.242	30.021	WALL
148	327158.257	2746968.514	29.463	KS
149	327160.273	2746966.921	29.410	KS
150	327160.750	2746965.065	29.315	KS
151	327163.491	2746958.053	29.155	KS
152	327164.638	2746951.925	29.142	KS
153	327170.696	2746952.242	29.265	KS
154	327170.711	2746959.759	29.290	KS
155	327175.041	2746968.425	29.434	KS
156	327197.210	2746968.489	29.462	KS
157	327203.861	2746959.415	29.037	C
158	327242.819	2746968.365	29.545	KS
159	327271.033	2746989.086	29.535	TRIG
160	327196.752	2746994.421	29.109	MH

161	327209.335	2746998.805	29.074	MH
162	327208.295	2746994.559	29.028	MH
163	327216.458	2746999.755	29.081	MH
164	327219.407	2746994.310	29.041	MH
165	327230.234	2746994.103	29.105	MH
166	327241.007	2746994.204	29.309	MH
167	327251.655	2746994.247	29.209	MH
168	327256.272	2746993.041	28.887	C
169	327262.881	2746993.878	29.010	MH
170	327369.600	2747000.822	29.370	WALL
171	327274.082	2746994.203	29.099	MH
172	327284.638	2746994.240	29.092	MH
173	327291.668	2747000.240	29.052	MH
174	327295.188	2746994.539	28.815	MH
175	327306.128	2746994.884	29.207	MH
176	327308.461	2747000.539	28.791	MH
177	327317.405	2746995.142	29.364	MH
178	327313.130	2746981.057	29.762	KS
179	327315.112	2746978.974	29.832	KS
180	327313.498	2746977.071	29.809	KS
181	327325.752	2746977.118	29.732	KS
182	327324.547	2746978.789	29.751	KS
183	327326.570	2746981.105	29.724	KS
184	327306.148	2746994.936	28.194	MH
185	327317.442	2746995.191	28.344	MH
186	327321.300	2747000.482	28.000	MH
187	327405.472	2746953.551	28.621	GATE
188	327412.342	2746953.576	28.646	GATE
189	327330.521	2746996.312	28.388	MH
190	327341.251	2747000.420	28.185	MH
191	327341.331	2746996.555	28.337	MH
192	327353.359	2746996.442	28.225	MH
193	327363.894	2746997.011	28.056	MH
194	327379.967	2747004.012	27.388	WALL
195	327374.363	2747000.833	28.384	MH
196	327376.649	2746997.387	28.178	MH
197	327383.670	2746995.033	28.174	C
198	327313.347	2746981.055	28.725	KS
199	327314.919	2746978.948	28.793	KS
200	327313.442	2746977.152	28.798	KS
201	327326.404	2746981.159	28.698	KS
202	327324.409	2746978.849	28.710	KS
203	327325.590	2746977.249	28.703	KS
204	327401.113	2747001.847	27.949	MH
205	327022.866	2746982.065	29.525	TRIG
206	326707.787	2747012.483	26.132	WALL
207	326708.758	2747006.291	26.275	GATE
208	326714.494	2746964.859	26.687	GATE
209	326715.189	2746959.802	26.638	GATE
210	326714.248	2746965.826	26.208	WALL
211	326723.165	2746898.989	25.723	WALL
212	326813.679	2746671.623	26.346	TRIG
213	326872.625	2746595.841	28.489	WALL
214	326851.231	2746595.793	28.692	WALL
215	326853.393	2746579.675	28.630	WALL

216	326819.454	2746759.779	30.704	WALL
217	326819.453	2746759.769	29.582	FNC
218	326845.271	2746645.931	24.678	FNC
219	326862.493	2746645.919	26.715	FNC
220	326844.332	2746448.079	24.614	TRIG
221	326838.568	2746384.030	23.359	WPL
222	326838.361	2746384.591	23.554	MH
223	326878.292	2746397.433	26.028	WALL
224	326893.047	2746397.423	28.415	WALL
225	326841.264	2746377.550	22.919	MH
226	326870.130	2746457.242	25.967	GATE
227	326870.681	2746452.955	25.813	GATE
228	326840.928	2746365.742	23.180	WPL
229	326839.843	2746392.522	23.934	MH
230	326845.882	2746348.145	23.552	MH
231	326836.251	2746375.999	22.321	SH
232	326831.386	2746374.131	21.742	SH
233	326823.279	2746374.491	21.675	SH
234	326815.845	2746380.066	22.587	SH
235	326847.324	2746449.983	24.474	TRACK
236	326870.599	2746452.843	26.229	TRACK
237	326870.109	2746457.220	26.184	TRACK
238	326846.128	2746455.095	24.534	TRACK
239	326838.048	2746452.552	24.450	TRACK
240	326832.775	2746451.529	24.194	TRACK
241	326833.539	2746444.858	24.129	TRACK
242	326838.932	2746445.256	24.342	TRACK
243	326877.902	2746400.590	25.847	PIPE
244	326873.405	2746400.169	24.096	PIPE
245	326867.584	2746385.281	23.978	SH
246	326861.406	2746400.874	23.761	SH
247	326857.237	2746419.580	24.606	SH
248	326861.548	2746455.176	25.566	SH
249	326884.251	2746170.779	21.690	TRIG
250	326887.425	2746105.203	19.792	TRACK
251	326883.337	2746100.731	19.536	TRACK
252	326875.279	2746097.062	19.714	TRACK
253	326858.353	2746093.670	17.431	TRACK
254	326860.097	2746088.457	17.530	TRACK
255	326875.964	2746094.260	19.584	TRACK
256	326881.262	2746095.227	19.423	TRACK
257	326889.668	2746088.454	19.353	TRACK
258	326868.994	2746033.562	19.046	PY
259	326875.958	2746033.547	20.079	PY
260	326876.015	2746026.830	20.055	PY
261	326890.338	2746023.471	49.848	CHL
262	326923.696	2746023.850	44.701	CHL
263	326924.095	2746037.986	44.226	CHL
264	326872.588	2746037.359	53.012	CHL
265	326879.999	2746114.974	21.425	SH
266	326883.434	2746114.122	19.919	SH
267	326874.511	2746111.245	21.358	SH
268	326877.709	2746106.912	19.403	SH
269	326878.534	2746101.630	19.497	SH
270	326865.995	2746105.188	19.871	SH

271	326877.313	2746092.935	20.930	SH
272	326838.793	2746080.145	18.518	SH
273	326868.504	2746099.076	19.549	SH
274	326883.851	2746083.326	20.651	SH
275	326872.507	2746048.477	20.160	SH
276	326911.380	2746104.987	22.228	SH
277	326896.836	2746107.516	19.773	SH
278	326903.036	2746079.863	20.118	SH
279	326899.387	2746082.389	18.986	SH
280	326907.982	2746136.476	23.069	SH
281	326900.627	2746148.082	22.754	SH
282	326893.339	2746129.972	20.447	SH
283	326905.413	2746018.860	16.887	ROAD
284	326912.926	2746004.316	16.140	ROAD
285	326929.120	2745988.307	16.444	ROAD
286	326945.481	2745981.999	17.121	ROAD
287	326962.140	2745978.352	17.861	ROAD
288	326961.884	2745972.341	17.961	ROAD
289	326948.778	2745973.777	17.287	ROAD
290	326935.222	2745977.313	16.890	ROAD
291	326921.526	2745984.949	16.524	ROAD
292	326912.459	2745995.422	16.188	ROAD
293	326907.283	2746001.042	16.310	ROAD
294	326913.269	2745948.327	14.724	ROAD
295	326929.601	2745968.404	16.032	ROAD
296	326948.749	2745973.486	17.282	ROAD
297	326963.979	2745972.239	18.046	ROAD
298	326964.314	2745967.464	17.925	ROAD
299	326938.114	2745964.257	16.279	ROAD
300	326927.528	2745957.646	15.410	ROAD
301	326919.948	2745947.963	14.770	ROAD
302	326916.480	2745941.522	14.549	ROAD
303	326911.903	2745917.650	13.796	TRIG
304	326927.269	2745919.403	15.113	CHKPOST
305	326926.903	2745920.810	18.482	CHKPOST
306	326925.854	2745921.307	15.092	CHKPOST
307	326926.078	2745925.683	15.121	CHKPOST
308	326929.486	2745925.493	15.122	CHKPOST
309	326951.449	2745947.620	17.000	MH
310	327026.370	2745947.671	20.155	MH
311	326962.671	2745964.544	18.149	MH
312	326897.287	2745949.809	18.072	TOP
313	326896.886	2745943.700	18.312	TOP
314	326896.425	2745934.383	18.254	TOP
315	326914.401	2745890.483	14.335	TOP
316	326919.402	2745892.178	15.990	TOP
317	326918.962	2745911.724	16.184	TOP
318	326931.712	2745913.789	16.277	TOP
319	326934.003	2745936.584	17.385	TOP
320	326882.010	2745897.978	16.843	TOP
321	326892.564	2745956.157	18.280	TOP
322	326891.536	2746029.690	18.992	TOP
323	326888.388	2745963.430	18.154	TOP
324	326885.563	2746004.862	18.373	TOP
325	326876.853	2745941.450	18.818	TOP

326	326855.804	2745921.872	19.478	TOP
327	326863.486	2745907.425	20.376	TOP
328	326875.014	2745902.834	19.150	TOP
329	326912.442	2745860.926	11.875	CUL
330	326921.516	2745844.210	11.604	CUL
331	326919.902	2745843.335	11.602	CUL
332	326910.714	2745860.963	11.933	CUL
333	326911.603	2745861.232	10.966	BED
334	326895.295	2745883.772	12.106	SH
335	326887.540	2745919.069	13.810	SH
336	326887.945	2745940.030	16.225	SH
337	326880.693	2745946.060	18.230	SH
338	326879.296	2745823.778	8.895	SH
339	326909.311	2745866.153	12.095	SH
340	326913.942	2745893.643	12.784	SH
341	326919.025	2745915.154	14.880	SH
342	326919.360	2745927.600	14.566	SH
343	326931.693	2745925.075	15.069	SH
344	326929.809	2745943.337	16.176	SH
345	326920.176	2745944.485	14.689	SH
346	326904.542	2745956.336	14.923	SH
347	326916.308	2745960.849	15.177	SH
348	326918.971	2745974.990	15.901	SH
349	326936.629	2745974.967	16.781	SH
350	326909.650	2745988.310	15.899	SH
351	326917.392	2745921.870	13.624	CUL
352	326924.228	2745934.120	14.223	CUL
353	326922.274	2745934.961	14.192	CUL
354	326916.003	2745922.399	13.605	CUL
355	326916.635	2745922.178	12.717	BED
356	326923.190	2745934.602	13.157	BED
357	326949.599	2745865.004	22.870	ALUM
358	326919.848	2745863.382	10.087	SH
359	326919.858	2745863.386	10.086	DARGAH
360	326919.137	2745870.346	9.976	DARGAH
361	326919.169	2745870.245	9.976	SH
362	326917.277	2745872.229	9.953	SH
363	326916.958	2745875.916	10.006	SH
364	326917.958	2745877.576	10.121	SH
365	326914.933	2745883.001	12.111	SH
366	326913.722	2745874.618	11.917	SH
367	326913.851	2745867.041	11.761	SH
368	326940.453	2745755.437	10.781	TRIG
369	326931.678	2745702.447	10.148	MH
370	326928.244	2745697.981	7.301	SH
371	326922.703	2745695.471	7.845	SH
372	326922.511	2745696.452	7.516	SH
373	326956.708	2745697.959	8.732	SH
374	326957.866	2745698.154	8.166	SH
375	326954.560	2745698.221	10.097	SH
376	326958.379	2745705.658	7.873	SH
377	326945.951	2745602.839	9.420	MH
378	326941.950	2745657.461	9.880	SH
379	326960.277	2745654.280	9.765	SH
380	326939.260	2745678.173	9.910	SH

381	326945.899	2745756.299	10.721	SH
382	326975.488	2745516.863	8.797	TRIG
383	326959.429	2745503.811	8.599	MH
384	326964.512	2745527.986	8.906	TRACK
385	326949.843	2745525.090	8.072	TRACK
386	326937.333	2745513.914	7.736	TRACK
387	326938.620	2745511.273	7.553	TRACK
388	326938.240	2745510.265	6.487	SH
389	326945.383	2745516.839	7.715	TRACK
390	326954.420	2745523.708	8.074	TRACK
391	326965.344	2745526.754	8.918	TRACK
392	326966.250	2745480.376	8.443	SH
393	326968.086	2745485.315	8.246	SH
394	326965.930	2745468.159	8.013	SH
395	326981.986	2745482.144	8.253	SH
396	326982.132	2745497.175	8.599	SH
397	326982.982	2745474.908	8.130	SH
398	326958.524	2745478.253	5.708	SH
399	326942.066	2745479.161	4.293	SH
400	326954.661	2745467.965	4.665	SH
401	326966.072	2745458.983	8.264	SH
402	326928.066	2745467.368	4.052	SH
403	326936.571	2745431.521	4.122	SH
404	326961.073	2745435.910	5.504	SH
405	326969.115	2745442.125	8.222	SH
406	326972.346	2745440.946	7.714	SH
407	327014.327	2745445.713	5.473	STONE
408	326979.061	2745375.835	7.307	WASH
409	326980.814	2745376.012	7.433	WASH
410	326979.119	2745374.648	7.321	WASH
411	326971.838	2745404.335	7.480	MH
412	326969.505	2745397.283	4.444	WD
413	326968.477	2745399.988	4.571	WD
414	326961.267	2745388.952	5.009	WD
415	326958.186	2745390.662	4.574	WD
416	326950.589	2745371.941	4.481	WD
417	326947.695	2745373.645	4.274	WD
418	326949.257	2745372.744	4.053	BED
419	326942.867	2745403.768	4.149	WATER
420	326936.313	2745433.189	4.064	WATER
421	326948.791	2745453.518	4.145	WATER
422	326969.750	2745399.252	4.220	BED
423	326966.993	2745349.257	4.845	TRACK
424	326912.628	2745342.195	5.547	TRACK
425	327037.299	2745434.840	4.140	SH
426	327008.478	2745325.633	6.889	GATE
427	327008.116	2745325.420	6.901	GATE
428	326998.917	2745320.214	7.281	GATE
429	326998.527	2745320.005	7.296	GATE
430	327002.306	2745316.685	7.312	BARRIER
431	327010.576	2745321.289	6.900	BARRIER
432	327006.237	2745308.384	7.282	ROOM
433	327007.201	2745306.722	7.241	ROOM
434	327004.659	2745305.322	7.290	ROOM
435	327003.731	2745307.039	7.315	ROOM

436	327002.995	2745314.368	7.301	CHKPOST
437	327000.920	2745313.039	7.249	CHKPOST
438	326999.092	2745315.850	7.161	CHKPOST
439	327001.338	2745316.970	7.305	CHKPOST
440	327001.161	2745317.319	7.282	CHKPOST
441	326999.670	2745319.714	7.297	CHKPOST
442	326997.910	2745318.695	7.208	CHKPOST
443	326987.666	2745333.784	7.146	ROOM
444	326988.290	2745332.038	7.109	ROOM
445	326983.704	2745330.487	7.018	ROOM
446	326983.132	2745332.245	6.921	ROOM
447	326985.947	2745339.133	7.293	WALL
448	326977.542	2745336.776	7.073	WALL
449	326975.141	2745344.523	7.417	WALL
450	326983.728	2745346.922	6.367	WALL
451	326984.504	2745350.656	7.351	TRACK
452	326972.970	2745347.873	6.888	TRACK
453	326968.939	2745343.693	6.676	TRACK
454	326958.979	2745344.091	6.587	TRACK
455	326955.586	2745336.800	5.064	SH
456	326959.557	2745319.699	4.535	SH
457	326969.372	2745316.789	4.719	SH
458	326972.666	2745347.076	6.888	SH
459	326987.714	2745351.467	8.491	SH
460	326987.715	2745351.447	8.491	TRACK
461	326967.052	2745349.314	6.530	TRACK
462	326963.059	2745351.642	5.909	SH
463	326951.198	2745353.952	5.094	SH
464	326987.079	2745352.008	7.343	SH
465	326948.331	2745360.255	4.324	SH
466	326974.543	2745360.376	6.504	CONTAINER
467	326974.436	2745362.804	7.204	CONTAINER
468	326980.500	2745363.153	7.097	CONTAINER
469	326976.899	2745367.544	6.835	SH
470	326980.165	2745376.403	4.794	SB
471	326978.372	2745376.599	5.995	SB
472	327011.463	2745319.065	8.779	SB
473	327012.901	2745320.128	8.771	SB
474	327005.161	2745329.268	6.894	SB
475	326999.529	2745320.062	6.636	SB
476	326992.380	2745330.046	6.078	SB
477	327008.213	2745322.415	6.975	SB
478	327009.237	2745323.390	6.931	SB
479	326981.922	2745376.932	7.319	PIPE
480	326992.846	2745380.293	7.515	PIPE
481	326971.402	2745456.182	7.905	TRIG
482	326979.810	2745359.972	7.285	CHOKI
483	326979.980	2745358.603	7.216	CHOKI
484	326978.171	2745358.421	7.748	CHOKI
485	326980.349	2745336.952	7.000	SH
486	326986.324	2745328.439	6.717	SH
487	326968.527	2745318.416	4.860	SH
488	326974.793	2745303.598	4.251	SH
489	326973.168	2745320.052	5.024	SH
490	326950.516	2745316.065	3.900	SH

491	326944.427	2745335.377	4.922	SH
492	326929.349	2745329.527	3.947	SH
493	327047.822	2745300.419	3.822	SH
494	327020.312	2745323.264	3.932	SH
495	327060.415	2745312.544	3.716	SH
496	327064.617	2745332.676	3.764	SH
497	327059.872	2745351.254	3.783	SH
498	327024.260	2745342.121	3.788	SH
499	327011.993	2745339.437	3.881	SH
500	327013.429	2745356.440	3.859	SH
501	327027.077	2745362.958	3.873	SH
502	327049.298	2745364.324	3.851	SH
503	327010.840	2745337.587	4.027	SH
504	327019.381	2745361.494	3.804	SH
505	326955.546	2745307.553	3.870	SH
506	327011.240	2745318.744	6.926	SH
507	327020.231	2745314.302	6.766	SH
508	326940.447	2745755.423	10.765	PEG
509	326925.692	2745709.453	8.209	SH
510	326926.430	2745701.383	7.218	SH
511	326923.141	2745694.973	8.008	SH
512	326931.842	2745693.415	7.583	SH
513	326937.112	2745696.134	9.952	SH
514	326954.575	2745699.013	10.048	SH
515	326957.296	2745697.562	8.704	SH
516	326958.144	2745697.808	8.013	SH
517	326931.593	2745702.487	10.150	MH
518	326948.261	2745697.557	10.406	PEG
519	326955.043	2745646.039	10.016	PEG
520	326917.744	2745595.246	5.740	SH
521	326929.065	2745572.521	5.166	SH
522	326948.262	2745697.556	10.293	PEG
523	327006.857	2745323.126	6.843	KS
524	327000.583	2745319.943	7.175	KS
525	326991.721	2745340.678	7.144	KS
526	326998.369	2745342.738	6.888	KS
527	326993.064	2745368.200	7.170	KS
528	326943.813	2745734.952	10.635	KS
529	326987.029	2745367.514	7.192	KS
530	326947.659	2745739.929	10.438	KS
531	326949.292	2745744.477	10.412	KS
532	326980.978	2745406.210	7.437	KS
533	326954.180	2745749.678	10.325	KS
534	326987.823	2745407.465	7.525	KS
535	326960.139	2745754.058	10.256	KS
536	326970.597	2745757.050	10.141	KS
537	326979.879	2745474.944	8.065	KS
538	326983.634	2745757.528	10.026	KS
539	326972.535	2745473.665	8.113	KS
540	326996.238	2745755.349	9.897	KS
541	326997.830	2745767.835	9.904	KS
542	326964.631	2745529.000	8.793	KS
543	326971.876	2745530.701	8.828	KS
544	326980.118	2745773.109	10.145	KS
545	326958.094	2745784.723	10.453	KS

546	326957.644	2745633.195	9.720	KS
547	326944.438	2745795.559	10.735	KS
548	326950.946	2745632.432	9.657	KS
549	326938.665	2745799.756	10.978	KS
550	326932.632	2745802.584	11.216	KS
551	326937.226	2745780.911	10.894	KS
552	326942.757	2745783.780	10.873	KS
553	326930.089	2745783.381	10.820	KS
554	326936.750	2745784.503	10.898	KS
555	326952.685	2745780.872	10.594	KS
556	326934.503	2745796.482	11.080	KS
557	326928.103	2745795.893	10.963	KS
558	326965.613	2745772.103	10.396	KS
559	326923.842	2745811.474	11.123	KS
560	326928.265	2745812.987	11.282	KS
561	326979.149	2745765.444	10.215	KS
562	326924.357	2745821.468	11.307	KS
563	326920.969	2745820.833	11.226	KS
564	326966.175	2745763.282	10.405	KS
565	326921.709	2745827.810	11.436	KS
566	326956.511	2745760.100	10.435	KS
567	326949.116	2745754.756	10.531	KS
568	326944.716	2745750.724	10.525	KS
569	326941.994	2745747.165	10.634	KS
570	326931.087	2745768.267	10.460	SH
571	326926.116	2745770.222	8.624	SH
572	326922.058	2745771.809	7.515	SH
573	326940.546	2745782.435	10.805	SH
574	326940.315	2745762.421	10.721	SH
575	326944.929	2745761.196	10.469	SH
576	326963.446	2745764.771	10.320	SH
577	326956.671	2745748.232	10.149	SH
578	326915.325	2745858.433	11.847	SH
579	326932.155	2745835.554	11.627	SH
580	326922.020	2745856.877	10.392	WT
581	326924.272	2745857.505	10.241	WT
582	326924.093	2745859.070	10.262	WT
583	326924.910	2745859.251	10.192	WT
584	326924.436	2745862.022	10.063	WT
585	326921.597	2745861.468	10.276	WT
586	326922.098	2745858.681	10.656	WT
587	326913.694	2745851.810	11.823	TRACK
588	326918.978	2745853.306	11.437	TRACK
589	326924.153	2745855.040	10.269	TRACK
590	326931.123	2745859.256	9.310	TRACK
591	326932.162	2745855.824	9.269	TRACK
592	326927.557	2745853.308	9.840	TRACK
593	326921.496	2745850.272	11.272	TRACK
594	326916.271	2745846.785	11.690	TRACK
595	326922.417	2745852.672	10.846	SH
596	326930.088	2745856.779	9.469	SH
597	326928.569	2745863.744	9.293	SH
598	326922.062	2745866.279	9.637	SH
599	326980.793	2745776.495	9.903	DR
600	326986.518	2745776.658	9.878	DR

601	326985.939	2745775.646	9.372	BED
602	326979.262	2745776.973	9.927	DR
603	326980.372	2745778.861	9.972	DR
604	326970.443	2745781.495	10.058	DR
605	326971.568	2745782.777	10.104	DR
606	326960.749	2745787.509	10.151	DR
607	326961.812	2745788.573	10.181	DR
608	326951.318	2745794.416	10.325	DR
609	326951.369	2745795.960	10.430	DR
610	326950.530	2745796.015	9.795	BED
611	326941.616	2745803.305	10.697	DR
612	326942.547	2745804.381	10.689	DR
613	326937.126	2745809.359	10.951	DR
614	326939.027	2745810.189	10.897	DR
615	326934.812	2745819.755	11.257	DR
616	326932.603	2745818.964	11.293	DR
617	326932.797	2745819.164	10.288	BED
618	326934.217	2745819.799	10.238	BED
619	326921.650	2745844.147	11.568	DR
620	326919.960	2745843.215	11.564	DR
621	326917.907	2745861.927	10.475	SH
622	326914.051	2745876.720	11.907	SH
623	326914.634	2745876.820	10.003	SH
624	326922.321	2745858.502	10.614	FAN
625	326923.135	2745858.704	10.425	FAN
626	326940.438	2745755.440	10.711	PEG
627	326892.845	2746017.673	18.281	SH
628	326915.285	2745831.928	11.447	KS
629	326900.108	2745874.795	12.222	KS
630	326900.581	2745887.397	12.397	KS
631	326905.963	2745887.477	12.552	KS
632	326905.792	2745906.030	13.154	KS
633	326908.347	2745905.718	13.293	KS
634	326909.769	2745876.626	12.082	DR
635	326911.367	2745876.333	12.032	DR
636	326911.218	2745876.620	11.522	BED
637	326905.412	2745880.830	12.214	KS
638	326899.935	2745880.743	12.191	KS
639	326892.976	2745949.808	18.206	PEG
640	326877.217	2746097.704	19.455	SH
641	326880.553	2746095.032	19.567	SH
642	326915.916	2745922.415	13.745	DR
643	326905.951	2745905.854	13.169	KS
644	326916.817	2745922.048	12.719	BED
645	326924.131	2745933.775	14.270	DR
646	326923.229	2745934.647	13.056	BED
647	326922.369	2745934.868	14.210	DR
648	326923.934	2745940.990	14.327	DR
649	326925.265	2745944.453	14.460	DR
650	326928.743	2745950.926	14.962	DR
651	326929.699	2745952.453	15.154	DR
652	326930.947	2745954.073	15.329	DR
653	326933.991	2745957.131	15.745	DR
654	326937.601	2745958.973	16.058	DR
655	326941.239	2745960.224	16.378	DR

656	326946.366	2745961.328	16.774	DR
657	326963.300	2745962.700	17.844	DR
658	326963.153	2745961.894	16.420	BED
659	326933.448	2745914.432	15.351	SH
660	326939.305	2745924.877	16.560	SH
661	326945.483	2745925.969	16.493	SH
662	326946.106	2745935.516	16.428	SH
663	326938.855	2745946.862	16.021	SH
664	326930.312	2745955.161	15.182	WPL
665	326932.766	2745957.395	15.383	WPL
666	326936.430	2745959.393	15.630	WPL
667	326940.679	2745961.317	16.014	WPL
668	326946.931	2745962.592	16.586	WPL
669	326954.934	2745963.613	17.157	WPL
670	326961.544	2745964.136	17.670	WPL
671	326965.630	2745964.079	17.925	WPL
672	326961.692	2745965.123	18.135	MH
673	326963.077	2745965.103	18.164	MH
674	326963.221	2745963.719	18.135	MH
675	326962.594	2745964.664	17.182	V
676	326967.174	2745981.340	18.025	DR
677	326967.324	2745982.242	16.492	BED
678	326961.486	2745982.601	17.715	DR
679	326949.656	2745985.448	17.133	DR
680	326942.686	2745987.664	16.790	DR
681	326939.908	2745988.593	16.706	DR
682	326935.075	2745990.937	16.501	DR
683	326931.026	2745993.673	16.329	DR
684	326929.177	2745994.943	16.230	DR
685	326925.299	2745997.999	16.073	DR
686	326921.964	2746001.853	15.930	DR
687	326918.734	2746006.258	16.066	DR
688	326915.623	2746012.428	16.304	DR
689	326914.639	2746015.254	16.429	DR
690	326914.292	2746018.935	16.520	DR
691	326916.386	2746019.528	16.478	DR
692	326915.360	2746019.194	15.672	BED
693	326915.391	2746019.152	15.678	BED
694	326911.415	2746068.338	17.572	SH
695	326920.371	2746065.394	17.099	SH
696	326940.118	2746069.625	16.491	SH
697	326970.234	2746062.720	16.251	SH
698	326981.777	2746081.752	16.826	SH
699	327004.080	2746080.479	18.128	SH
700	326907.926	2745859.698	11.949	KS
701	326904.104	2745857.689	11.901	KS
702	326900.226	2745878.502	12.268	KS
703	326906.065	2745879.386	12.305	KS
704	326906.347	2745889.788	12.685	KS
705	326901.078	2745890.674	12.631	KS
706	326904.675	2745910.947	13.294	KS
707	326909.195	2745911.287	13.460	KS
708	326912.267	2745928.362	14.068	KS
709	326907.350	2745929.305	14.040	KS
710	326907.495	2745944.455	14.523	KS

711	326913.856	2745947.166	14.776	KS
712	326911.057	2745973.493	15.414	KS
713	326904.288	2745972.767	15.461	KS
714	326900.705	2746002.518	16.339	KS
715	326906.510	2746004.538	16.435	KS
716	326903.686	2746033.701	17.389	KS
717	326896.943	2746033.141	17.401	KS
718	326871.735	2746145.727	21.430	SH
719	326898.109	2746169.389	23.334	SH
720	326865.700	2746213.231	21.188	SW
721	326865.975	2746212.317	21.186	SW
722	326866.342	2746212.234	21.150	SW
723	326864.203	2746212.895	21.233	WPL
724	326864.458	2746211.814	21.208	WPL
725	326922.493	2746123.522	21.006	SH
726	326946.873	2746137.726	20.125	SH
727	326975.494	2746142.163	18.632	SH
728	326915.578	2746097.887	21.571	SH
729	326921.686	2746082.982	17.583	SH
730	326879.759	2746114.599	21.399	SH
731	326882.090	2746113.948	20.334	SH
732	326872.033	2746107.414	20.811	SH
733	326878.072	2746107.074	19.480	SH
734	326842.001	2746109.012	18.966	SH
735	326904.882	2746123.523	22.165	SH
736	326878.909	2746144.965	22.022	SH
737	326881.442	2746142.015	20.913	SH
738	326813.306	2746078.777	12.989	SH
739	326913.149	2746105.109	22.427	PEG
740	326857.808	2746274.810	23.045	MH
741	326854.513	2746288.765	23.091	MH
742	326834.295	2746268.591	22.703	SH
743	326825.103	2746274.715	22.802	SH
744	326819.688	2746271.756	24.610	SH
745	326910.211	2746303.546	23.665	SH
746	326881.916	2746279.596	24.010	SH
747	326873.829	2746280.743	22.673	SH
748	326893.117	2746114.441	20.204	KS
749	326852.978	2746304.148	23.334	MH
750	326882.774	2746143.203	21.076	KS
751	326888.940	2746145.064	21.176	KS
752	326884.823	2746174.215	21.834	KS
753	326878.090	2746173.917	21.778	KS
754	326850.280	2746318.954	23.369	MH
755	326847.248	2746324.983	23.672	MH
756	326847.171	2746327.653	23.120	WPL
757	326845.839	2746348.214	23.601	MH
758	326849.721	2746288.130	24.155	PEG
759	326869.531	2746376.004	23.075	BUSH
760	326841.479	2746377.536	23.555	MH
761	326840.054	2746376.261	23.179	WPL
762	326839.804	2746392.861	24.212	MH
763	326842.066	2746423.994	24.208	KS
764	326784.630	2746445.613	23.566	GATE
765	326785.345	2746440.642	23.579	GATE

766	326786.084	2746435.548	24.571	WALL
767	326784.098	2746448.386	23.932	WALL
768	326774.557	2746518.533	23.875	WALL
769	326831.504	2746452.090	24.393	MH
770	326841.866	2746540.367	25.134	ROOM
771	326843.699	2746540.498	25.188	ROOM
772	326843.840	2746536.427	25.597	ROOM
773	326842.077	2746536.223	24.917	ROOM
774	326822.804	2746602.691	25.766	PEG
775	326762.704	2746601.664	25.720	WALL
776	326804.188	2746618.576	25.422	WPL
777	326802.112	2746630.003	25.452	MH
778	326799.275	2746670.273	26.152	MH
779	326813.041	2746671.555	26.453	PEG
780	326803.003	2746872.240	28.213	WALL
781	326764.161	2746982.672	28.829	PEG
782	326766.356	2747057.702	29.539	LP
783	326761.878	2747092.310	29.700	LP
784	326757.264	2747126.802	29.960	LP
785	326752.738	2747161.560	30.278	LP
786	326748.181	2747196.231	30.611	LP
787	326711.561	2746995.640	28.484	ROOM
788	326714.852	2746996.032	28.535	ROOM
789	326715.045	2746994.522	28.502	ROOM
790	326716.806	2746994.712	28.528	ROOM
791	326717.012	2746992.950	29.097	ROOM
792	326725.954	2746988.271	29.324	CHKPOST
793	326783.323	2747005.706	27.744	WALL
794	326779.837	2747053.534	29.120	WALL
795	326811.875	2747053.382	29.623	WALL
796	326749.189	2747062.584	27.542	SH
797	326757.991	2746952.834	26.724	MH
798	326721.690	2747063.970	25.148	SH
799	326762.223	2746992.622	28.699	KS
800	326721.702	2747020.220	25.062	SH
801	326720.351	2747009.140	26.475	SH
802	326736.827	2747010.859	26.870	SH
803	326742.155	2747023.929	25.476	SH
804	326758.886	2747017.402	28.922	KS
805	326758.787	2747015.426	28.855	KS
806	326756.566	2747013.716	28.405	KS
807	326751.793	2747011.786	27.969	KS
808	326723.179	2747007.173	26.568	KS
809	326724.450	2747000.203	26.689	KS
810	326748.038	2747003.627	27.432	KS
811	326756.455	2747004.883	28.185	KS
812	326759.288	2747004.085	28.473	KS
813	326760.983	2747003.100	28.658	KS
814	326804.050	2747074.449	25.819	SH
815	326740.539	2747087.726	26.703	SH
816	326733.325	2747123.349	26.959	SH
817	326728.352	2747106.887	26.014	SH
818	326761.976	2747145.112	28.012	BUSH
819	326760.723	2747168.532	28.466	BUSH
820	326760.139	2747194.608	29.454	BUSH

821	326734.469	2747289.321	30.628	PEG
822	326743.535	2747231.106	31.676	LP
823	326739.058	2747265.652	31.940	LP
824	326734.488	2747300.299	32.212	LP
825	326729.927	2747335.008	32.465	LP
826	326748.222	2747273.300	31.331	SH
827	326751.120	2747278.695	30.577	SH
828	326663.299	2747330.894	30.002	WALL
829	326653.662	2747427.803	30.595	WALL
830	326647.723	2747473.565	31.062	WALL
831	326721.022	2747531.082	31.747	WALL
832	326713.217	2747531.164	31.761	WALL
833	326712.323	2747536.461	31.823	PILLAR
834	326703.119	2747527.284	32.359	PEG
835	326712.537	2747531.118	31.730	PILLAR
836	326711.065	2747544.191	31.682	WALL
837	326712.485	2747545.491	31.588	WALL
838	326711.184	2747553.387	31.592	WALL
839	326709.477	2747554.185	31.750	WALL
840	326697.408	2747630.560	32.433	WALL
841	326696.764	2747640.295	32.444	WALL
842	326695.028	2747641.435	32.438	WALL
843	326694.088	2747646.537	32.593	WALL
844	326692.630	2747646.532	33.020	PILLAR
845	326656.837	2747801.365	34.466	PEG
846	326651.622	2747833.422	34.682	KS
847	326657.129	2747889.290	33.629	LP
848	326652.543	2747923.893	33.666	LP
849	326650.143	2747953.861	33.749	LP
850	326594.111	2747875.732	30.439	WALL
851	326642.178	2747904.563	35.201	KS
852	326652.484	2747919.144	35.280	KS
853	326650.582	2747936.180	35.326	KS
854	326638.610	2747933.998	35.242	KS
855	326649.726	2747948.409	35.322	KS
856	326637.415	2747956.130	35.233	KS
857	326649.353	2747967.806	35.272	KS
858	326637.278	2747971.265	35.155	KS
859	326636.740	2747981.324	35.158	KS
860	326648.911	2747981.742	35.236	KS
861	326634.028	2747998.437	35.260	KS
862	326647.348	2747992.802	35.265	KS
863	326630.171	2748010.472	35.267	KS
864	326644.797	2748005.530	35.216	KS
865	326643.076	2748010.509	35.208	KS
866	326640.024	2748018.305	35.272	KS
867	326637.326	2748025.017	35.231	KS
868	326618.328	2748082.854	35.120	PEG
869	326642.689	2748013.223	34.063	LP
870	326631.464	2748040.847	34.365	LP
871	326612.493	2748051.191	34.700	LP
872	326618.640	2748085.984	36.391	LP
873	326632.823	2747972.881	35.200	SH
874	326628.234	2747994.855	35.135	SH
875	326622.529	2748004.161	35.522	SH

876	326628.648	2748004.037	34.672	SH
877	326631.554	2747994.174	34.645	SH
878	326635.611	2747973.174	35.098	SH
879	326570.857	2748002.928	30.154	SH
880	326597.098	2748003.428	32.996	SH
881	326621.427	2748010.979	35.603	SH
882	326617.717	2748018.518	35.274	SH
883	326617.740	2748023.908	35.427	SH
884	326620.270	2748026.423	34.891	SH
885	326625.865	2748013.291	34.693	SH
886	326632.655	2748000.289	35.478	MH
887	326628.262	2747982.841	34.173	BUSH
888	326661.314	2747985.881	34.475	SH
889	326616.787	2747983.230	33.704	SH
890	326611.652	2747983.502	33.196	SH
891	326609.497	2747983.428	34.111	SH
892	326666.751	2747984.053	34.288	SH
893	326680.906	2747986.386	34.301	SH
894	326631.297	2748007.447	35.186	SH
895	326653.856	2748002.077	35.019	SH
896	326645.465	2748019.618	35.046	SH
897	326645.248	2748024.128	34.803	SH
898	326649.716	2748023.488	32.939	SH
899	326654.850	2748024.289	32.620	SH
900	326579.042	2747999.375	30.401	SH
901	326648.875	2748026.164	32.935	SH
902	326576.594	2748008.556	30.160	SH
903	326583.772	2748018.125	30.159	SH
904	326583.705	2748033.538	30.117	SH
905	326586.780	2748046.561	30.127	SH
906	326618.593	2748008.648	34.446	SH
907	326604.653	2748030.871	30.945	SH
908	326610.992	2748029.007	31.872	SH
909	326611.571	2748023.776	31.709	SH
910	326617.647	2748014.467	33.981	SH
911	326603.817	2748021.455	30.731	SH
912	326606.933	2748013.844	32.048	SH
913	326644.567	2748054.155	54.001	CHL
914	326646.712	2748063.006	53.520	CHL
915	326619.300	2748065.048	50.303	CHL
916	326614.505	2748056.383	51.287	CHL
917	326625.768	2748018.854	35.040	MH
918	326636.356	2747985.615	35.184	KS
919	326659.160	2747979.229	34.222	WT
920	326659.088	2747982.605	34.664	WT
921	326656.299	2747978.752	34.122	WT
922	326633.910	2747999.100	35.198	KS
923	326632.140	2748005.258	35.184	KS
924	326624.283	2748024.727	35.150	KS
925	326637.332	2748024.864	35.154	KS
926	326617.298	2748041.560	35.150	KS
927	326615.277	2748047.339	35.134	KS
928	326630.133	2748042.157	35.126	KS
929	326613.916	2748050.494	35.127	KS
930	326613.683	2748050.443	35.210	KS

931	326626.592	2748050.999	35.153	KS
932	326611.727	2748053.578	35.185	KS
933	326625.752	2748054.423	35.178	KS
934	326608.016	2748057.602	35.091	KS
935	326625.625	2748057.953	35.180	KS
936	326625.867	2748060.792	35.207	KS
937	326626.201	2748062.643	35.246	KS
938	326627.577	2748062.320	35.296	SH
939	326633.261	2748043.209	33.945	SH
940	326631.578	2748047.917	34.592	SH
941	326631.049	2748048.323	34.864	DARGAH
942	326639.010	2748048.216	34.136	DARGAH
943	326639.549	2748059.133	34.570	DARGAH
944	326639.230	2748046.681	33.925	SH
945	326640.804	2748047.812	34.095	SH
946	326641.486	2748051.010	34.155	SH
947	326632.067	2748050.923	35.462	SOLER
948	326628.583	2747965.433	45.786	CHL
949	326629.167	2747974.616	45.948	CHL
950	326696.562	2747975.394	50.958	CHL
951	326696.678	2747966.219	51.012	CHL
952	326694.056	2747968.038	38.070	PY
953	326694.117	2747973.255	38.758	PY
954	326699.326	2747973.423	38.042	PY
955	326669.553	2748054.200	40.819	PY
956	326664.491	2748054.585	40.828	PY
957	326664.703	2748059.806	39.219	PY
958	326631.737	2748007.972	35.222	PEG
959	326640.010	2748067.269	35.363	CHOKI
960	326640.099	2748068.952	36.171	CHOKI
961	326641.882	2748068.957	36.178	CHOKI
962	326641.991	2748070.437	36.125	CHOKI
963	326645.312	2748070.188	36.600	CHOKI
964	326650.629	2748080.862	34.556	LP
965	326594.282	2748085.933	34.807	LP
966	326553.168	2748085.578	35.230	LP
967	326612.441	2748051.312	35.737	LP
968	326617.422	2748040.151	34.126	BRIDGE
969	326616.386	2748043.259	34.133	BRIDGE
970	326613.773	2748050.329	33.919	BRIDGE
971	326611.756	2748053.508	33.804	BRIDGE
972	326610.812	2748054.723	33.770	BRIDGE
973	326607.685	2748057.822	33.662	BRIDGE
974	326604.550	2748059.964	33.660	BRIDGE
975	326599.404	2748061.351	33.636	BRIDGE
976	326593.959	2748061.749	33.680	BRIDGE
977	326552.888	2748061.396	34.037	BRIDGE
978	326618.132	2748085.847	33.675	BRIDGE
979	326594.707	2748085.705	33.639	BRIDGE
980	326553.391	2748085.286	33.737	BRIDGE
981	326589.523	2748113.597	30.382	SH
982	326576.571	2748144.338	30.633	SH
983	326610.688	2748092.121	34.996	SH
984	326616.076	2748089.221	35.029	SH
985	326618.631	2748089.444	35.084	SH

986	326606.918	2748102.792	34.707	SH
987	326607.835	2748107.094	35.267	SH
988	326609.096	2748121.747	34.909	SH
989	326604.360	2748145.480	34.923	SH
990	326641.782	2748092.196	35.069	SH
991	326636.040	2748095.772	35.328	SH
992	326630.861	2748089.466	34.974	SH
993	326660.064	2748086.674	35.099	SH
994	326655.974	2748081.000	35.247	SH
995	326632.312	2748099.740	35.107	SH
996	326626.488	2748102.129	35.127	SH
997	326626.386	2748064.403	35.217	KS
998	326626.250	2748064.333	35.228	KS
999	326630.350	2748063.482	35.204	KS
1000	326634.157	2748061.993	34.657	KS
1001	326637.573	2748060.707	34.217	KS
1002	326638.742	2748063.106	34.229	KS
1003	326635.865	2748064.821	34.656	KS
1004	326634.403	2748067.837	35.174	KS
1005	326636.314	2748070.334	35.184	KS
1006	326640.846	2748071.093	35.185	KS
1007	326648.827	2748070.484	35.103	KS
1008	326651.702	2748080.251	35.001	KS
1009	326649.334	2748080.332	34.961	MH
1010	326641.141	2748081.047	35.077	KS
1011	326634.508	2748084.818	35.096	KS
1012	326628.186	2748089.417	35.084	KS
1013	326627.177	2748092.983	35.106	KS
1014	326597.173	2748073.738	35.155	MD
1015	326558.612	2748073.538	35.997	MD
1016	326620.567	2748136.465	34.891	KS
1017	326614.747	2748133.300	34.880	KS
1018	326619.870	2748087.055	35.192	KS
1019	326619.175	2748085.904	35.138	KS
1020	326618.534	2748089.287	34.994	SP
1021	326619.164	2748089.309	35.112	SP
1022	326619.077	2748086.516	35.159	SP
1023	326618.332	2748082.870	35.113	PEG
1024	326609.737	2748090.046	33.971	SH
1025	326605.846	2748095.370	32.560	SH
1026	326601.311	2748095.267	30.686	SH
1027	326597.497	2748096.907	30.277	SH
1028	326585.718	2748096.877	30.284	SH
1029	326605.805	2748123.884	32.489	SH
1030	326594.551	2748144.014	30.520	SH
1031	326608.169	2748090.428	33.312	SH
1032	326618.322	2748082.870	35.112	PEG
1033	326673.569	2748279.776	28.190	TOE
1034	326621.367	2748278.010	30.828	TOE
1035	326619.720	2748281.702	34.999	TOP
1036	326660.506	2748286.930	34.207	TOP
1037	326618.325	2748082.870	35.115	PEG
1038	326606.381	2748310.507	35.398	SH
1039	326625.191	2748310.340	35.287	SH
1040	326618.679	2748299.386	35.078	SH

1041	326653.037	2748082.851	35.122	PEG
1042	326598.953	2748362.302	35.786	MH
1043	326592.341	2748362.412	35.626	MH
1044	326592.365	2748372.061	35.629	MH
1045	326598.935	2748372.074	35.588	MH
1046	326592.496	2748386.709	35.939	MH
1047	326598.678	2748386.632	36.154	MH
1048	326600.926	2748360.573	36.141	SH
1049	326613.189	2748353.845	35.924	SH
1050	326639.380	2748356.393	35.994	SH
1051	326601.749	2748366.308	35.160	SH
1052	326596.389	2748363.688	35.983	SH
1053	326593.866	2748366.534	35.917	SH
1054	326590.741	2748367.379	35.367	SH
1055	326591.012	2748359.736	35.943	SH
1056	326593.631	2748356.807	35.986	SH
1057	326592.654	2748351.829	35.928	SH
1058	326584.461	2748340.442	35.849	SH
1059	326584.412	2748350.941	35.904	SH
1060	326581.321	2748356.933	35.907	SH
1061	326572.944	2748355.246	35.572	SH
1062	326597.324	2748276.382	35.474	KS
1063	326601.647	2748275.994	35.446	KS
1064	326596.347	2748319.061	35.709	KS
1065	326591.797	2748319.208	35.729	KS
1066	326591.287	2748339.787	35.955	KS
1067	326595.702	2748340.667	35.740	KS
1068	326596.709	2748351.611	35.850	KS
1069	326592.827	2748352.629	35.929	KS
1070	326593.508	2748359.804	35.940	KS
1071	326598.399	2748360.520	36.023	KS
1072	326585.356	2748373.000	33.797	SH
1073	326581.988	2748371.959	33.426	SH
1074	326576.584	2748375.900	34.628	SH
1075	326572.908	2748373.518	34.933	SH
1076	326575.464	2748364.768	34.975	SH
1077	326587.362	2748364.339	34.964	SH
1078	326564.981	2748384.699	34.714	SH
1079	326591.420	2748378.137	34.999	SH
1080	326593.956	2748376.815	35.975	SH
1081	326614.628	2748399.828	34.554	SH
1082	326609.187	2748373.879	35.372	SH
1083	326619.202	2748371.851	35.323	SH
1084	326617.609	2748364.307	35.107	SH
1085	326573.673	2748335.869	32.306	SH
1086	326579.323	2748339.212	34.883	SH
1087	326580.446	2748345.387	35.999	SH
1088	326569.582	2748342.101	31.530	SH
1089	326561.340	2748340.773	31.726	SH
1090	326631.806	2748356.142	35.987	TRACK
1091	326631.472	2748359.425	36.026	TRACK
1092	326619.103	2748360.142	35.989	TRACK
1093	326618.620	2748356.477	35.979	TRACK
1094	326607.733	2748356.172	35.914	TRACK
1095	326607.161	2748360.752	35.818	TRACK

1096	326598.708	2748360.289	36.027	TRACK
1097	326599.049	2748355.265	35.924	TRACK
1098	326583.753	2748335.102	36.278	BUSH
1099	326580.344	2748353.479	36.157	BUSH
1100	326591.830	2748368.200	36.217	BUSH
1101	326591.969	2748380.682	36.493	BUSH
1102	326600.528	2748363.155	36.291	BUSH
1103	326599.052	2748370.388	36.046	BUSH
1104	326598.835	2748375.244	36.360	BUSH
1105	326593.657	2748383.053	38.625	KS
1106	326597.295	2748383.426	36.122	KS
1107	326595.300	2748362.109	35.908	PEG
1108	326598.995	2748430.477	36.457	MH
1109	326594.210	2748431.710	36.452	SH
1110	326592.580	2748430.111	36.239	MH
1111	326618.500	2748466.153	36.088	SH
1112	326623.727	2748459.741	35.965	SH
1113	326576.398	2748454.488	35.432	SH
1114	326570.401	2748458.090	35.414	SH
1115	326623.895	2748442.572	35.905	SH
1116	326568.820	2748464.997	35.564	SH
1117	326613.720	2748429.409	35.841	SH
1118	326571.827	2748476.838	35.706	SH
1119	326620.574	2748426.715	35.218	SH
1120	326620.566	2748426.775	35.211	SH
1121	326599.710	2748473.337	36.794	MH
1122	326593.161	2748474.363	36.771	MH
1123	326619.481	2748469.448	36.182	SH
1124	326598.367	2748483.563	36.850	KS
1125	326599.336	2748486.929	37.010	KS
1126	326562.896	2748459.754	36.233	MH
1127	326601.504	2748489.215	37.013	KS
1128	326605.511	2748489.357	37.028	KS
1129	326624.604	2748488.307	36.534	KS
1130	326624.455	2748492.883	37.082	KS
1131	326600.750	2748493.178	36.984	KS
1132	326598.653	2748494.227	37.003	KS
1133	326598.208	2748500.564	36.819	KS
1134	326595.192	2748500.755	36.963	KS
1135	326594.588	2748498.221	36.987	KS
1136	326593.578	2748495.952	37.007	KS
1137	326591.257	2748494.022	36.996	KS
1138	326562.070	2748493.776	36.790	KS
1139	326561.395	2748501.666	36.675	KS
1140	326559.087	2748502.206	36.727	KS
1141	326558.176	2748495.918	36.682	KS
1142	326557.111	2748493.867	36.724	KS
1143	326547.358	2748494.386	36.708	KS
1144	326547.462	2748489.100	36.618	KS
1145	326556.632	2748488.825	36.709	KS
1146	326561.124	2748488.931	36.786	KS
1147	326557.110	2748484.635	36.633	KS
1148	326558.176	2748393.773	35.675	KS
1149	326560.774	2748394.042	35.794	KS
1150	326561.446	2748489.079	36.790	KS

1151	326587.595	2748488.614	36.859	KS
1152	326591.147	2748487.526	36.783	KS
1153	326593.817	2748485.286	36.787	KS
1154	326594.345	2748479.471	36.659	KS
1155	326628.411	2748523.441	36.581	SH
1156	326617.110	2748530.437	36.574	SH
1157	326608.721	2748520.414	36.453	SH
1158	326599.067	2748499.945	36.996	MH
1159	326593.895	2748499.519	36.783	MH
1160	326585.092	2748515.259	36.100	SH
1161	326578.759	2748520.902	36.055	SH
1162	326585.223	2748526.664	36.178	SH
1163	326577.339	2748531.665	36.212	SH
1164	326595.295	2748484.956	36.899	PEG
1165	326648.438	2748559.119	37.322	MH
1166	326599.649	2748589.968	37.360	MH
1167	326594.180	2748589.142	37.321	MH
1168	326594.151	2748603.770	37.398	MH
1169	326564.210	2748604.580	36.588	MH
1170	326600.406	2748619.310	36.793	MH
1171	326593.754	2748618.603	36.685	MH
1172	326562.613	2748629.352	37.490	KS
1173	326559.462	2748630.128	37.458	KS
1174	326554.480	2748630.888	37.463	KS
1175	326554.250	2748634.239	37.423	KS
1176	326653.514	2748621.300	37.656	KS
1177	326650.895	2748620.885	37.581	KS
1178	326570.556	2748635.015	37.614	KS
1179	326650.583	2748629.948	37.779	KS
1180	326595.608	2748630.163	37.674	KS
1181	326599.015	2748630.517	37.670	KS
1182	326603.348	2748634.370	37.645	KS
1183	326603.481	2748631.274	37.677	KS
1184	326597.289	2748615.468	37.567	PEG
1185	326561.755	2748646.157	36.826	SH
1186	326606.585	2748645.574	37.258	SH
1187	326558.525	2748655.940	37.046	SH
1188	326635.150	2748639.763	37.106	SH
1189	326660.445	2748647.232	37.192	SH
1190	326541.200	2748673.219	36.905	SH
1191	326707.072	2748654.996	37.270	SH
1192	326549.707	2748692.176	37.101	SH
1193	326702.366	2748679.738	37.513	SH
1194	326695.914	2748709.083	37.576	SH
1195	326549.512	2748729.108	37.476	SH
1196	326672.114	2748737.907	37.789	SH
1197	326576.171	2748738.564	38.005	SH
1198	326657.458	2748745.392	37.736	SH
1199	326644.032	2748767.926	40.271	SIGNAL
1200	326631.809	2748767.609	39.688	BOX
1201	326675.650	2748766.732	39.722	PILLAR
1202	326636.050	2748749.883	37.704	SH
1203	326682.062	2748770.012	39.616	RAIL
1204	326682.095	2748771.967	39.610	RAIL
1205	326682.121	2748774.723	39.660	RAIL

1206	326682.054	2748776.477	39.653	RAIL
1207	326527.510	2748777.659	39.906	RAIL
1208	326527.427	2748775.800	39.921	RAIL
1209	326527.636	2748772.925	39.828	RAIL
1210	326527.389	2748771.024	39.852	RAIL
1211	326526.829	2748774.154	39.712	SH
1212	326527.344	2748769.164	39.382	TOE
1213	326527.574	2748766.781	38.718	TOE
1214	326526.585	2748779.888	39.121	TOE
1215	326526.779	2748781.971	38.831	TOE
1216	326621.392	2748773.686	39.649	SH
1217	326621.226	2748768.659	39.247	TOE
1218	326621.309	2748779.496	38.932	TOE
1219	326621.371	2748766.223	38.864	TOE
1220	326621.500	2748783.222	38.229	TOE
1221	326684.540	2748773.210	39.468	SH
1222	326684.065	2748767.680	39.050	TOE
1223	326683.926	2748765.316	38.581	TOE
1224	326684.989	2748778.906	38.960	TOE
1225	326685.305	2748780.990	38.783	TOE
1226	326662.277	2748759.248	37.587	SH
1227	326621.536	2748744.477	37.715	SH
1228	326660.920	2748738.217	37.669	SH
1229	326588.508	2748738.563	37.677	SH
1230	326650.588	2748718.076	37.494	SH
1231	326576.129	2748727.420	37.616	SH
1232	326598.806	2748703.781	37.423	SH
1233	326591.385	2748700.506	37.640	SH
1234	326674.049	2748666.740	37.309	SH
1235	326621.889	2748704.402	37.564	SH
1236	326635.991	2748673.770	37.374	SH
1237	326598.992	2748681.603	37.443	SH
1238	326630.189	2748657.590	37.248	SH
1239	326616.688	2748680.408	37.448	SH
1240	326604.617	2748667.707	37.361	SH
1241	326602.117	2748652.259	37.278	SH
1242	326606.610	2748642.166	37.120	SH
1243	326601.690	2748635.293	37.412	SH
1244	326615.919	2748643.411	37.200	SH
1245	327497.037	2746980.972	29.696	TRIG
1246	327452.840	2746953.407	31.222	GATE
1247	327459.680	2746953.372	31.128	GATE
1248	327524.564	2746952.994	31.037	GATE
1249	327533.730	2746953.226	30.383	GATE
1250	327534.892	2746953.146	30.393	GATE
1251	327536.225	2746953.145	30.404	GATE
1252	327493.163	2746957.212	29.188	C
1253	327570.745	2746989.364	29.591	KS
1254	327571.731	2746990.077	29.545	KS
1255	327574.594	2746992.909	29.455	KS
1256	327575.950	2747005.549	29.467	KS
1257	327564.281	2747003.473	29.844	WALL
1258	327582.184	2747008.923	29.468	KS
1259	327583.089	2746997.667	29.321	KS
1260	327586.033	2746990.962	29.514	KS

1261	327589.517	2746989.762	29.548	KS
1262	327591.453	2746989.178	29.605	KS
1263	327595.567	2747002.997	29.891	WALL
1264	327590.919	2747002.998	29.718	MH
1265	327585.725	2746994.710	29.485	C
1266	327567.560	2746996.866	29.991	MH
1267	327569.860	2747002.265	29.770	MH
1268	327568.735	2746980.467	29.686	KS
1269	327569.716	2746979.522	29.690	KS
1270	327570.186	2746978.355	29.756	KS
1271	327570.102	2746977.036	29.766	KS
1272	327568.853	2746976.434	29.788	KS
1273	327591.129	2746980.461	29.718	KS
1274	327589.643	2746979.893	29.702	KS
1275	327588.927	2746978.826	29.693	KS
1276	327588.767	2746977.783	29.678	KS
1277	327589.315	2746976.818	29.647	KS
1278	327591.363	2746976.436	29.634	KS
1279	327566.331	2746967.451	29.660	KS
1280	327567.373	2746966.644	29.648	KS
1281	327567.974	2746965.173	29.620	KS
1282	327568.086	2746964.297	29.523	KS
1283	327570.800	2746960.891	29.283	KS
1284	327572.169	2746957.180	29.300	KS
1285	327582.963	2746951.683	29.411	KS
1286	327582.660	2746960.053	29.361	KS
1287	327584.511	2746965.636	29.554	KS
1288	327589.468	2746967.868	29.631	KS
1289	327563.487	2746952.999	30.739	WALL
1290	327598.607	2746953.136	29.929	WALL
1291	327595.688	2746949.768	29.913	WALL
1292	327624.917	2746999.798	30.090	MH
1293	327594.830	2746998.855	28.395	V
1294	327663.494	2746997.826	28.210	WL
1295	327664.697	2746997.724	28.206	WL
1296	327568.102	2746997.081	28.326	V
1297	327677.125	2747000.046	29.970	MH
1298	327702.671	2747002.359	29.911	WALL
1299	327705.501	2747002.405	29.589	WALL
1300	327703.421	2746989.026	29.651	KS
1301	327719.094	2747002.393	29.640	KS
1302	327715.322	2746988.891	29.657	KS
1303	327722.284	2746980.472	29.755	TRIG
1304	327707.253	2747003.950	29.591	GATE
1305	327715.838	2747003.869	31.087	GATE
1306	327729.232	2746999.111	29.734	MH
1307	327712.760	2746967.363	29.706	KS
1308	327714.150	2746966.385	29.558	KS
1309	327715.396	2746962.651	29.630	KS
1310	327715.656	2746953.097	29.891	GATE
1311	327721.659	2746953.050	29.874	KS
1312	327722.280	2746960.956	29.792	KS
1313	327722.347	2746962.848	29.644	KS
1314	327723.011	2746966.054	29.622	KS
1315	327723.660	2746966.838	29.668	KS

1316	327724.298	2746967.222	29.693	KS
1317	327733.044	2746956.651	29.494	CPILLAR
1318	327795.054	2746999.592	29.928	MH
1319	327770.374	2746996.302	29.628	C
1320	327859.887	2746998.891	29.573	MH
1321	327906.158	2746952.716	29.631	GATE
1322	327913.026	2746952.831	29.690	GATE
1323	327948.490	2746977.416	29.822	MH
1324	327966.284	2746999.673	29.581	MH
1325	327971.494	2746995.665	29.016	C
1326	328022.068	2747002.108	31.214	WALL
1327	328053.000	2746979.596	29.400	TRIG
1328	328047.400	2746952.013	29.884	WALL
1329	328078.968	2746918.596	30.717	WALL
1330	328079.285	2746952.167	29.469	WALL
1331	328054.060	2746998.660	33.385	WALL
1332	328029.025	2746988.000	29.528	KS
1333	328030.390	2746988.108	29.505	KS
1334	328031.085	2746988.084	29.536	KS
1335	328034.843	2746990.284	29.390	KS
1336	328037.285	2746993.934	29.377	KS
1337	328037.928	2746999.468	29.358	KS
1338	328047.587	2746996.734	29.244	KS
1339	328051.537	2746991.231	29.259	KS
1340	328053.472	2746988.218	29.325	KS
1341	328055.969	2746987.935	29.287	KS
1342	328043.954	2746958.826	29.492	CPILLAR
1343	328080.142	2746956.387	29.291	CPILLAR
1344	328031.637	2746994.270	28.894	C
1345	328031.651	2746993.521	28.946	C
1346	328032.153	2746993.607	28.359	C
1347	328074.900	2746958.269	29.066	KS
1348	328075.544	2746962.601	29.055	KS
1349	328078.005	2746965.234	29.174	KS
1350	328080.626	2746966.370	29.174	KS
1351	328100.572	2746975.154	29.314	KS
1352	328102.017	2746975.681	29.364	KS
1353	328102.329	2746977.737	29.337	KS
1354	328100.760	2746979.088	29.297	KS
1355	328099.473	2746979.209	29.302	KS
1356	327997.266	2747000.945	29.750	MH
1357	328022.949	2746996.978	30.382	MH
1358	328047.496	2746977.273	29.430	MH
1359	328116.488	2746979.094	29.370	KS
1360	328115.370	2746977.999	29.391	KS
1361	328115.326	2746976.609	29.414	KS
1362	328115.652	2746975.735	29.410	KS
1363	328117.443	2746975.079	29.297	KS
1364	328146.571	2746956.307	29.431	C
1365	328163.983	2746993.286	28.479	C
1366	327975.292	2746966.436	29.538	KS
1367	327976.377	2746965.348	29.379	KS
1368	327978.143	2746952.557	29.701	GATE
1369	327985.139	2746952.536	29.706	KS
1370	327986.145	2746963.916	29.357	KS

1371	327985.511	2746965.343	29.362	KS
1372	327986.335	2746966.503	29.507	KS
1373	328061.968	2746966.264	29.304	KS
1374	328063.868	2746965.220	29.211	KS
1375	328064.609	2746963.416	29.145	KS
1376	328264.139	2746956.153	29.936	C
1377	328268.375	2746951.760	28.921	C
1378	328333.562	2746986.202	28.967	TRIG
1379	328220.631	2746952.018	30.410	GATE
1380	328226.739	2746951.635	30.753	GATE
1381	328400.659	2746998.087	28.535	WALL
1382	328444.694	2746951.369	28.265	WALL
1383	328355.375	2746976.258	29.732	TREE
1384	328372.088	2746976.548	29.595	TREE
1385	328381.816	2746976.353	29.699	TREE
1386	328390.391	2746976.437	29.482	TREE
1387	328400.592	2746976.603	29.394	TREE
1388	328418.113	2746976.566	29.467	TREE
1389	328335.334	2746987.458	28.982	CUL
1390	328349.262	2746987.344	29.034	CUL
1391	328381.557	2746965.390	29.095	CUL
1392	328393.451	2746965.271	28.773	CUL
1393	328456.287	2746965.494	28.973	KS
1394	328458.610	2746963.159	28.890	KS
1395	328459.257	2746960.181	28.838	KS
1396	328459.024	2746941.855	28.572	KS
1397	328466.997	2746942.490	28.557	KS
1398	328468.557	2746959.629	28.824	KS
1399	328469.339	2746961.556	28.877	KS
1400	328471.037	2746962.884	28.920	KS
1401	328474.443	2746965.091	29.013	KS
1402	328479.851	2746965.262	29.062	KS
1403	328476.879	2746954.822	28.331	C
1404	328442.251	2746955.075	28.243	C
1405	328449.498	2746995.396	27.963	V
1406	328333.563	2746986.203	28.963	TRIG
1407	328449.369	2746995.130	27.748	V
1408	328472.607	2746957.934	28.677	MH
1409	328473.024	2746992.181	28.873	MH
1410	328501.414	2746993.276	28.212	C
1411	328511.760	2746991.955	28.771	MH
1412	328514.149	2746978.049	29.230	KS
1413	328515.104	2746977.215	29.273	KS
1414	328515.272	2746976.052	29.296	KS
1415	328514.517	2746974.858	29.222	KS
1416	328511.416	2746974.119	29.208	KS
1417	328531.992	2746978.024	29.249	KS
1418	328530.784	2746976.983	29.268	KS
1419	328530.649	2746975.689	29.299	KS
1420	328531.084	2746974.592	29.255	KS
1421	328532.453	2746973.901	29.218	KS
1422	328262.451	2746958.105	28.735	MH CABLE
1423	328243.057	2746998.351	31.078	WALL
1424	328243.632	2746998.861	30.996	WALL
1425	328257.982	2746998.209	30.404	WALL

1426	328514.776	2746959.598	28.686	MH CABLE
1427	328544.493	2746955.263	28.784	SH
1428	328564.796	2746950.910	29.590	WALL
1429	328570.082	2746950.910	29.469	GATE
1430	328570.844	2746950.941	29.498	GATE
1431	328573.178	2746992.005	28.750	MH
1432	328599.094	2746986.655	29.138	KS
1433	328599.852	2746987.169	29.142	KS
1434	328600.058	2746989.678	29.171	KS
1435	328600.401	2746997.752	29.222	KS
1436	328600.401	2746997.752	29.220	WALL
1437	328623.102	2746997.723	29.340	WALL
1438	328670.768	2746985.764	29.049	TRIG
1439	328447.584	2746948.406	29.310	WALL
1440	328676.161	2746995.777	27.954	WL
1441	328677.345	2746995.867	27.967	WL
1442	328570.789	2746950.934	29.494	GATE
1443	328576.920	2746950.961	30.800	GATE
1444	328692.652	2746995.055	28.269	V
1445	328697.306	2746991.170	28.923	MH CABLE
1446	328698.523	2746992.666	28.982	CSTONE
1447	328663.657	2746950.792	29.012	WALL
1448	328663.643	2746942.569	29.061	WALL
1449	328692.409	2746942.316	28.966	CPILLAR
1450	328692.440	2746947.068	28.950	CPILLAR
1451	328690.169	2746942.278	28.884	CPILLAR
1452	328692.386	2746955.021	29.101	CPILLAR
1453	328697.866	2746955.007	29.135	CPILLAR
1454	328602.284	2747000.709	32.364	WALL
1455	328621.583	2747000.519	33.168	GATE
1456	328623.125	2746997.719	29.360	WALL
1457	328623.125	2746997.720	29.359	KS
1458	328603.842	2746977.740	29.294	KS
1459	328605.233	2746976.940	29.307	KS
1460	328605.735	2746975.784	29.280	KS
1461	328605.391	2746974.265	29.262	KS
1462	328604.342	2746973.742	29.242	KS
1463	328618.011	2746977.677	29.277	KS
1464	328616.909	2746977.085	29.301	KS
1465	328616.503	2746975.908	29.308	KS
1466	328616.766	2746974.666	29.307	KS
1467	328617.754	2746973.773	29.248	KS
1468	328622.887	2746993.750	29.246	KS
1469	328623.813	2746988.507	29.212	KS
1470	328624.262	2746986.988	29.200	KS
1471	328625.170	2746986.565	29.207	KS
1472	328648.648	2746954.427	29.218	C
1473	328645.327	2746994.398	28.442	C
1474	328663.109	2746964.803	29.109	KS
1475	328664.522	2746964.112	29.088	KS
1476	328666.346	2746962.579	28.990	KS
1477	328669.346	2746960.291	28.732	KS
1478	328672.346	2746956.871	28.750	KS
1479	328674.008	2746950.237	28.589	KS
1480	328683.494	2746948.772	28.599	KS

1481	328684.668	2746955.342	28.673	KS
1482	328686.473	2746958.907	28.709	KS
1483	328689.549	2746961.724	28.791	KS
1484	328692.341	2746963.695	29.037	KS
1485	328694.956	2746964.688	29.099	KS
1486	328696.572	2746964.759	29.116	KS
1487	328694.962	2746950.899	28.671	WALL
1488	328719.311	2746986.344	29.111	KS
1489	328722.178	2746987.064	29.101	KS
1490	328722.955	2746989.438	28.986	KS
1491	328723.197	2746997.707	29.348	GATE
1492	328730.906	2746997.673	29.378	KS
1493	328731.569	2746993.998	29.079	KS
1494	328732.817	2746989.334	28.951	KS
1495	328734.037	2746986.641	29.115	KS
1496	328735.421	2746986.334	29.104	KS
1497	328756.403	2746952.750	28.804	ROOM
1498	328756.392	2746956.998	28.689	ROOM
1499	328765.519	2746957.147	28.820	ROOM
1500	328771.535	2746955.581	28.584	CPILLAR
1501	328777.867	2746997.543	28.975	WALL
1502	328753.715	2746991.211	28.877	MH
1503	328780.785	2746955.025	28.896	C
1504	328767.906	2746957.664	28.756	FDN
1505	328706.135	2746975.929	29.804	TREE
1506	328723.916	2746975.405	29.673	TREE
1507	328721.069	2746992.207	29.533	TREE
1508	328720.872	2746995.080	29.963	TREE
1509	328738.086	2746993.972	29.290	TREE
1510	328750.043	2746975.733	29.682	TREE
1511	328832.344	2746953.935	28.684	CPILLAR
1512	328836.489	2746950.594	28.481	GATE
1513	328843.166	2746950.602	28.550	WALL
1514	328842.531	2746950.590	28.546	GATE
1515	328840.214	2746953.511	28.727	CPILLAR
1516	328845.416	2746953.551	28.682	CPILLAR
1517	328813.156	2746990.966	28.913	C
1518	328848.910	2746986.195	29.213	KS
1519	328853.881	2746986.487	29.168	KS
1520	328855.930	2746989.851	29.016	KS
1521	328857.351	2746994.720	28.876	KS
1522	328866.124	2746994.807	28.898	KS
1523	328867.975	2746989.922	28.962	KS
1524	328870.815	2746987.204	29.079	KS
1525	328873.795	2746985.833	29.151	KS
1526	328874.289	2746986.117	29.062	KS
1527	328894.379	2746986.029	29.148	KS
1528	328848.660	2746959.296	28.330	C
1529	328848.887	2746960.231	28.196	C
1530	328851.422	2746960.222	29.099	MH CABLE
1531	328847.257	2746952.473	29.728	MH
1532	328959.391	2746983.622	28.985	TRIG
1533	328890.189	2746977.143	29.258	KS
1534	328891.719	2746976.450	29.349	KS
1535	328891.811	2746974.635	29.355	KS

1536	328891.021	2746973.687	29.317	KS
1537	328890.028	2746973.340	29.296	KS
1538	328896.547	2746964.135	29.170	KS
1539	328897.704	2746963.791	29.183	KS
1540	328898.192	2746963.411	29.035	KS
1541	328901.110	2746964.095	29.110	KS
1542	328903.434	2746960.961	29.056	KS
1543	328903.998	2746956.760	29.040	KS
1544	328904.095	2746936.089	28.896	KS
1545	328916.309	2746937.072	28.816	KS
1546	328916.170	2746957.808	28.998	KS
1547	328916.401	2746962.122	29.011	KS
1548	328918.676	2746966.538	29.064	KS
1549	328924.362	2746967.147	29.041	KS
1550	328939.333	2746966.276	28.999	KS
1551	328875.086	2746949.400	28.606	SH
1552	328864.363	2746940.497	28.392	SH
1553	328851.734	2746929.994	28.448	SH
1554	328843.148	2746923.041	28.791	WALL
1555	328875.089	2746922.993	28.382	WALL
1556	328875.067	2746916.495	28.540	WALL
1557	328878.885	2746921.460	28.703	MH
1558	328882.249	2746927.495	28.344	MH CABLE
1559	328876.092	2746959.189	29.115	MH
1560	328890.804	2746961.110	28.234	MH
1561	328896.601	2746954.640	29.120	GAS
1562	328896.905	2746952.919	28.599	GAS
1563	328898.711	2746963.742	28.944	CUL
1564	328900.998	2746963.508	28.857	CUL
1565	328900.993	2746963.447	28.755	DR
1566	328894.339	2746986.026	29.104	KS
1567	328895.793	2746985.917	29.171	KS
1568	328897.244	2746985.906	29.178	KS
1569	328898.842	2746986.005	29.195	KS
1570	328901.988	2746939.580	28.497	DR
1571	328899.530	2746938.903	28.203	DR
1572	328898.829	2746986.021	29.198	KS
1573	328898.873	2746963.358	28.751	DR
1574	328901.679	2746987.254	29.169	KS
1575	328902.198	2746988.581	29.097	KS
1576	328902.970	2746989.897	29.255	KS
1577	328903.622	2746992.475	29.212	KS
1578	328904.024	2747020.614	29.341	KS
1579	328891.778	2746962.249	28.588	CUL
1580	328889.540	2746962.277	28.631	CUL
1581	328916.499	2747021.281	29.322	KS
1582	328916.524	2747000.964	29.235	KS
1583	328916.463	2746989.708	29.104	KS
1584	328916.466	2746987.167	29.098	KS
1585	328918.250	2746985.177	29.104	KS
1586	328921.407	2746983.792	29.053	KS
1587	328925.381	2746983.784	29.056	KS
1588	328889.606	2746987.533	28.825	CUL
1589	328891.674	2746987.567	28.857	CUL
1590	328894.177	2746990.561	29.081	DR

1591	328894.185	2746988.503	29.064	DR
1592	328898.519	2746988.391	28.790	BED
1593	328898.702	2746987.561	28.921	DR
1594	328900.868	2746987.614	28.907	DR
1595	328900.927	2746990.684	28.918	DR
1596	328901.366	2747004.816	29.242	DR
1597	328898.623	2747005.250	29.239	DR
1598	328898.217	2746990.592	29.053	DR
1599	328894.930	2746990.601	29.088	DR
1600	328900.526	2747005.318	28.434	BED
1601	328899.243	2747005.457	28.564	BED
1602	328900.596	2746991.801	28.390	BED
1603	328900.639	2746987.781	28.498	BED
1604	328899.873	2746987.645	28.103	BED
1605	328892.027	2747001.334	29.177	SH
1606	328882.962	2747004.936	28.955	SH
1607	328931.800	2746987.649	28.893	TREE
1608	328877.535	2747006.350	29.178	TREE
1609	328922.115	2746952.690	28.675	GAS
1610	328929.207	2746973.218	29.250	KS
1611	328929.125	2746977.211	29.191	KS
1612	328844.899	2746994.963	29.106	WPL
1613	328848.024	2746975.401	29.672	TREE
1614	328844.893	2746996.765	29.450	WPL
1615	328857.302	2746995.885	28.901	KS
1616	328857.610	2747007.385	28.969	KS
1617	328865.387	2747006.597	28.969	KS
1618	328866.297	2746996.773	28.914	KS
1619	328874.187	2746997.361	29.226	MH
1620	328844.104	2747001.070	29.183	ROOM
1621	328832.427	2747001.039	29.758	ROOM
1622	328844.180	2746997.993	29.288	ROOM
1623	328869.297	2746991.386	28.967	TR
1624	328868.849	2746993.374	28.939	TR
1625	328893.305	2746994.853	29.175	TR
1626	328893.113	2746994.409	28.059	SH
1627	328931.315	2746994.598	28.712	TR
1628	328931.584	2746997.001	28.791	TR
1629	328934.130	2746996.641	28.907	TR
1630	328944.966	2746986.868	28.898	TR
1631	328947.209	2746985.881	28.881	TR
1632	328946.788	2746984.920	28.942	TR
1633	328945.176	2746985.100	28.875	TR
1634	328945.510	2746985.357	27.565	SH
1635	328947.328	2746977.095	29.337	TR
1636	328946.538	2746977.090	29.372	TR
1637	328946.694	2746973.416	29.315	TR
1638	328946.697	2746973.433	29.313	TR
1639	328946.854	2746975.426	27.683	SH
1640	328997.535	2746991.382	31.508	ROOM
1641	328993.136	2746991.437	31.523	ROOM
1642	328993.106	2746992.374	31.473	ROOM
1643	328947.808	2746963.383	27.311	SH
1644	328975.062	2747016.601	33.955	WALL
1645	328974.967	2747000.201	33.037	WALL

1646	328988.451	2747000.086	32.570	WALL
1647	328946.992	2746964.712	28.905	TR
1648	328948.082	2746964.573	28.908	TR
1649	328948.103	2746963.152	28.875	TR
1650	328948.932	2746961.362	28.725	TR
1651	328949.272	2746956.997	28.319	TR
1652	328949.699	2746951.203	28.374	TR
1653	328950.025	2746948.460	28.166	TR
1654	328975.870	2746939.017	28.567	WALL
1655	328975.901	2746950.156	29.061	WALL
1656	328961.466	2746959.530	28.010	MH
1657	328965.335	2746998.191	28.664	OFC
1658	328969.744	2746963.275	28.994	OFC
1659	328968.040	2746930.251	28.280	OFC
1660	328987.726	2746993.620	31.682	TREE
1661	328937.398	2746998.129	30.321	BUSH
1662	328942.477	2746996.214	29.698	BUSH
1663	328943.931	2746989.954	29.446	BUSH
1664	328947.332	2746987.988	29.709	BUSH
1665	328955.986	2746986.103	29.526	BUSH
1666	328957.346	2746975.191	30.000	BUSH
1667	328968.487	2746977.397	30.148	BUSH
1668	328965.488	2746964.755	29.350	BUSH
1669	328945.098	2746964.077	29.481	BUSH
1670	328996.818	2746975.798	29.972	BUSH
1671	328994.402	2746986.682	31.227	BUSH
1672	329019.448	2746984.692	28.902	BUSH
1673	329018.406	2746988.761	28.803	BUSH
1674	328984.921	2746989.304	28.528	SH
1675	328980.723	2746994.153	28.497	SH
1676	328970.629	2746993.122	28.626	SH
1677	329159.424	2746978.218	29.102	TRIG
1678	329011.551	2746991.386	28.685	ROOM
1679	328992.799	2746953.668	28.755	C
1680	329003.762	2746991.362	29.248	ROOM
1681	329009.813	2746986.697	28.939	SH
1682	329041.959	2746958.760	28.819	MH
1683	329049.378	2746985.158	28.910	BUSH
1684	329049.322	2746985.166	28.910	SH
1685	329074.997	2746986.892	28.731	SH
1686	329074.319	2746989.781	28.697	SH
1687	329075.498	2746992.678	28.619	SH
1688	329072.631	2746999.820	28.244	SH
1689	329069.851	2746997.136	28.347	SH
1690	329069.435	2746953.662	28.053	C
1691	329056.298	2746996.986	29.101	ROOM
1692	329070.021	2746958.175	28.055	SH
1693	329119.340	2746954.252	28.171	C
1694	329119.730	2746957.865	28.182	MH
1695	329131.889	2746990.095	28.362	C
1696	329144.407	2746993.927	28.154	V
1697	329142.873	2746949.732	29.005	WALL
1698	329137.501	2746993.289	28.502	SH
1699	329137.376	2746999.885	28.214	SH
1700	329170.345	2746983.005	29.016	SH

1701	329155.715	2746994.908	28.583	SH
1702	329156.007	2746999.275	28.426	SH
1703	329173.692	2746992.285	28.853	SH
1704	329173.581	2746992.216	28.812	SH
1705	329173.888	2746999.826	28.372	WALL
1706	329092.265	2746978.596	29.120	TRIG
1707	329144.186	2746958.169	28.108	V
1708	329142.797	2746938.402	28.974	WALL
1709	329144.833	2746965.369	28.933	KS
1710	329148.909	2746963.258	28.906	KS
1711	329154.463	2746960.614	28.808	KS
1712	329176.387	2746932.120	28.875	KS
1713	329176.456	2746951.669	28.959	KS
1714	329157.294	2746955.518	28.875	KS
1715	329159.147	2746947.010	28.873	KS
1716	329176.749	2746954.973	28.934	KS
1717	329177.773	2746957.813	28.946	KS
1718	329178.417	2746959.666	28.910	KS
1719	329180.485	2746961.749	28.936	KS
1720	329182.550	2746963.764	29.021	KS
1721	329184.545	2746964.878	29.056	KS
1722	329187.329	2746965.608	29.035	KS
1723	329190.348	2746965.727	29.081	KS
1724	329195.196	2746965.682	29.043	KS
1725	329159.306	2746937.039	28.859	KS
1726	329165.474	2746939.995	29.025	KS
1727	329165.617	2746962.253	29.074	KS
1728	329166.073	2746963.368	29.096	KS
1729	329168.124	2746964.368	29.143	KS
1730	329169.596	2746962.911	29.060	KS
1731	329169.542	2746946.001	29.012	KS
1732	329183.410	2746951.614	28.661	CPILLAR
1733	329190.973	2746958.855	28.903	MH
1734	329187.213	2746954.891	27.800	SH
1735	329180.934	2746955.522	28.523	SH
1736	329231.358	2746958.462	28.868	MH
1737	329192.460	2746938.756	27.922	WALL
1738	329192.379	2746949.771	27.870	WALL
1739	329186.530	2746947.600	27.964	SH
1740	329186.950	2746940.038	27.890	SH
1741	329179.604	2746947.194	28.820	SH
1742	329178.598	2746955.836	28.835	SH
1743	329413.890	2746970.153	29.126	TRIG
1744	329312.451	2746963.921	29.028	KS
1745	329313.630	2746961.763	28.966	KS
1746	329314.187	2746958.880	28.942	KS
1747	329314.369	2746949.738	29.187	GATE
1748	329320.000	2746949.797	29.248	KS
1749	329320.274	2746959.756	28.935	KS
1750	329320.691	2746962.824	28.872	KS
1751	329322.477	2746963.479	28.865	KS
1752	329327.917	2746963.965	28.921	KS
1753	329308.177	2746972.345	29.260	KS
1754	329308.831	2746974.006	29.249	KS
1755	329308.927	2746975.477	29.209	KS

1756	329308.009	2746976.488	29.249	KS
1757	329320.699	2746972.402	29.198	KS
1758	329320.191	2746973.604	29.283	KS
1759	329320.280	2746974.552	29.214	KS
1760	329320.962	2746975.253	29.260	KS
1761	329323.552	2746976.478	29.192	KS
1762	329325.015	2746976.511	29.213	KS
1763	329366.185	2746985.683	28.924	KS
1764	329368.527	2746987.573	28.900	KS
1765	329370.810	2746993.938	28.828	KS
1766	329372.474	2747001.397	28.857	KS
1767	329375.475	2746975.566	28.151	KS
1768	329349.666	2746958.401	28.794	MH
1769	329377.582	2747012.235	29.032	KS
1770	329377.809	2746999.854	28.938	KS
1771	329381.226	2746994.856	28.318	V
1772	329380.631	2746994.389	29.144	WPL
1773	329381.412	2746994.482	29.155	WPL
1774	329381.200	2746995.000	28.798	WPL
1775	329377.512	2746986.903	28.885	KS
1776	329379.382	2746985.777	28.928	KS
1777	329381.327	2746985.697	28.864	KS
1778	329382.768	2746986.420	28.824	KS
1779	329384.161	2746987.294	28.863	KS
1780	329386.020	2746990.180	28.861	KS
1781	329385.835	2746994.725	28.855	KS
1782	329385.595	2747001.941	28.920	KS
1783	329391.945	2747001.648	28.706	KS
1784	329392.107	2746995.008	28.738	KS
1785	329394.909	2746990.195	28.775	KS
1786	329396.516	2746987.172	28.852	KS
1787	329399.059	2746985.206	28.870	KS
1788	329357.748	2746997.855	28.404	WALL
1789	329406.806	2747012.952	28.701	WALL
1790	329407.056	2746999.412	29.701	WALL
1791	329413.190	2746999.365	28.467	WALL
1792	329406.872	2747008.918	28.788	GATE
1793	329406.952	2747002.898	29.145	GATE
1794	329393.812	2746972.592	29.202	KS
1795	329394.847	2746973.608	29.233	KS
1796	329395.045	2746975.270	29.219	KS
1797	329394.511	2746976.578	29.204	KS
1798	329402.163	2746972.237	29.188	KS
1799	329401.577	2746973.379	29.170	KS
1800	329401.680	2746975.641	29.506	KS
1801	329402.128	2746976.408	29.552	KS
1802	329364.819	2746953.391	27.657	C
1803	329443.611	2746952.784	28.031	C
1804	329437.887	2746955.674	28.341	CPILLAR
1805	329397.353	2746958.905	28.893	MH
1806	329536.682	2746966.434	29.122	TRIG
1807	329539.285	2746993.091	28.576	WALL
1808	329574.795	2746953.194	27.568	C
1809	329653.503	2746949.656	27.008	WALL
1810	329562.079	2746965.876	29.160	TRIG

1811	329750.469	2746996.612	28.354	GATE
1812	329746.553	2746996.487	28.335	GATE
1813	329722.097	2746974.181	29.654	TREE
1814	329730.386	2746974.119	29.540	TREE
1815	329734.006	2746974.236	29.497	TREE
1816	329661.651	2746999.274	27.711	WALL
1817	329713.777	2746995.937	27.049	WALL
1818	329751.070	2746996.608	27.324	WALL
1819	329749.628	2747033.235	28.215	WALL
1820	329713.722	2746994.596	27.215	MH
1821	329716.351	2746994.613	27.068	WT
1822	329728.337	2746996.266	28.437	WPL
1823	329728.349	2746993.894	28.431	WPL
1824	329728.469	2746993.675	27.367	WPL
1825	329728.500	2746993.680	27.368	SH
1826	329716.348	2746992.776	26.902	WT
1827	329713.826	2746992.800	26.936	WT
1828	329713.777	2746992.764	26.802	WT
1829	329714.038	2746993.843	26.773	WPL
1830	329709.201	2746999.502	27.145	SH
1831	329723.075	2746994.703	27.573	SH
1832	329722.818	2746991.600	27.366	SH
1833	329754.158	2746993.650	27.837	SH
1834	329727.951	2746989.523	27.819	SH
1835	329760.849	2747001.667	27.865	SH
1836	329768.253	2747008.592	27.422	SH
1837	329741.085	2746976.318	29.251	KS
1838	329743.086	2746976.177	29.237	KS
1839	329744.016	2746974.627	29.311	KS
1840	329743.687	2746972.821	29.246	KS
1841	329742.525	2746972.293	29.279	KS
1842	329777.812	2747015.670	28.143	SH
1843	329779.713	2747015.978	28.206	SH
1844	329784.670	2747018.164	27.257	SH
1845	329744.792	2746964.897	29.018	KS
1846	329747.773	2746965.435	29.039	KS
1847	329750.942	2746965.857	29.019	KS
1848	329752.536	2746966.851	28.979	KS
1849	329789.675	2747023.885	27.452	SH
1850	329804.103	2747031.725	28.236	SH
1851	329755.074	2746982.281	28.961	KS
1852	329753.288	2746983.719	28.973	KS
1853	329748.348	2746983.937	28.988	KS
1854	329743.692	2746984.070	28.987	KS
1855	329815.066	2747029.713	29.532	SH
1856	329799.445	2747022.030	27.778	SH
1857	329793.127	2747013.286	27.156	SH
1858	329777.501	2747023.140	28.274	RAIL
1859	329779.376	2747023.454	28.285	RAIL
1860	329756.491	2746954.682	27.911	SH
1861	329761.696	2746953.115	27.076	SH
1862	329765.924	2746956.213	27.178	SH
1863	329771.408	2746951.306	27.401	SH
1864	329767.481	2747012.721	26.104	V
1865	329772.550	2746945.629	27.591	SH

1866	329778.607	2746949.034	27.869	SH
1867	329780.847	2746939.736	28.032	RAIL
1868	329782.744	2746939.817	28.065	RAIL
1869	329766.855	2747012.805	27.446	WPL
1870	329767.788	2747012.664	27.366	WPL
1871	329786.480	2746951.023	27.634	GAS
1872	329786.765	2746950.360	27.474	GAS
1873	329764.075	2746950.108	27.249	GAS
1874	329753.593	2746943.956	28.139	SH
1875	329750.940	2746923.847	28.195	SH
1876	329769.012	2746992.893	27.323	V
1877	329706.763	2746952.117	27.664	SH
1878	329711.662	2746961.213	28.749	SH
1879	329712.624	2746960.992	28.770	SH
1880	329745.043	2746963.594	28.855	TRACK
1881	329747.410	2746965.565	29.044	TRACK
1882	329753.260	2746962.550	28.515	TRACK
1883	329752.146	2746959.434	28.413	TRACK
1884	329758.022	2746957.851	27.866	TRACK
1885	329758.826	2746960.220	27.981	TRACK
1886	329772.961	2746960.112	27.544	TRACK
1887	329773.058	2746956.875	27.533	TRACK
1888	329780.227	2746956.948	28.187	TRACK
1889	329780.086	2746960.746	28.209	TRACK
1890	328052.999	2746979.596	29.404	TRIG
1891	328065.822	2746995.616	29.591	WALL
1892	328147.971	2746995.540	29.571	WALL
1893	327987.720	2746964.624	29.893	CUL
1894	327986.325	2746964.078	29.757	CUL
1895	327986.533	2746961.193	29.396	CUL
1896	327987.964	2746960.461	29.402	CUL
1897	327966.923	2747002.037	30.142	GATE
1898	327975.955	2746964.414	29.764	CUL
1899	327976.346	2747002.041	30.059	GATE
1900	327974.202	2746965.293	29.366	CUL
1901	327981.674	2746999.525	29.843	MH
1902	327966.110	2746999.633	29.631	MH
1903	329738.661	2746971.241	29.271	PEG
1904	329827.113	2746930.207	30.851	TOPL
1905	329827.457	2746939.193	30.911	TOPL
1906	329818.434	2746934.534	31.223	TOPL
1907	329818.159	2746942.423	31.142	TOPL
1908	329777.017	2746995.163	27.979	TOE
1909	329781.532	2746995.165	28.164	TOE
1910	329781.245	2746896.432	27.753	TOE
1911	329785.519	2746896.244	27.919	TOE
1912	329816.085	2746928.230	29.165	TOEL
1913	329815.769	2746946.592	29.188	TOEL
1914	329780.871	2746958.715	28.253	SH
1915	329827.947	2746961.858	30.050	TOPL
1916	329781.986	2746957.577	28.273	TRACK
1917	329805.330	2746951.135	28.497	TRACK
1918	329807.007	2746941.475	29.153	TRACK
1919	329810.873	2746937.555	29.657	TRACK
1920	329809.116	2746960.121	28.628	TRACK

1921	329816.205	2746958.690	30.187	TOEL
1922	329817.662	2746958.930	30.398	TOPL
1923	329827.827	2746961.906	30.073	TOPL
1924	329813.569	2747009.671	29.354	TOEL
1925	329794.136	2746968.365	27.832	PILLAR
1926	329794.520	2746961.854	27.675	PILLAR
1927	329828.618	2746910.125	30.701	TOPL
1928	329818.423	2746913.014	30.872	TOPL
1929	329817.939	2746912.685	29.749	TOEL
1930	329738.648	2746971.246	29.262	PEG
1931	329813.042	2746930.892	30.399	SH
1932	329807.031	2746928.369	30.317	SH
1933	329799.357	2746922.782	28.497	SH
1934	329794.744	2746918.944	28.116	SH
1935	329784.873	2746910.707	28.002	SH
1936	329793.934	2746893.600	28.048	SH
1937	329802.061	2746905.895	28.558	SH
1938	329808.026	2746914.955	29.942	SH
1939	329811.867	2746902.182	29.978	SH
1940	329818.176	2746928.192	32.990	SH
1941	329818.302	2746924.595	32.897	SH
1942	329811.241	2746984.573	28.969	SH
1943	329813.256	2746984.685	28.818	SH
1944	329801.660	2747019.639	27.962	SH
1945	329790.892	2747023.273	27.212	SH
1946	329783.729	2747033.004	27.477	SH
1947	329824.119	2746944.798	32.511	TOEL
1948	329738.650	2746971.246	29.262	PEG
1949	329775.556	2747032.405	27.928	SH
1950	329780.648	2747032.657	27.921	SH
1951	329782.874	2747032.622	27.542	SH
1952	329785.898	2747032.768	27.333	SH
1953	329789.195	2747032.975	27.554	SH
1954	329790.314	2747033.088	27.199	SH
1955	329792.721	2747034.922	27.337	SH
1956	329797.142	2747034.962	27.804	SH
1957	329803.165	2747034.202	28.278	SH
1958	329810.373	2747034.690	28.601	SH
1959	329738.652	2746971.245	29.229	PEG
1960	329819.146	2746952.360	30.537	SH
1961	329827.726	2746946.945	30.788	SH
1962	329829.476	2746949.225	29.598	SH
1963	329823.893	2746975.496	30.436	SH
1964	329828.214	2746974.716	29.320	SH
1965	329815.047	2746972.638	30.208	SH
1966	329814.234	2746972.702	28.804	SH
1967	329811.229	2746996.457	28.707	SH
1968	329814.194	2746997.079	29.742	SH
1969	329802.431	2747005.002	27.879	PS
1970	329813.576	2747028.024	29.891	SH
1971	329811.803	2747028.461	28.743	SH
1972	329824.302	2747030.545	30.101	SH
1973	329784.573	2747017.927	27.306	SH
1974	329789.376	2747008.953	27.200	SH
1975	329790.312	2747008.652	27.514	SH

1976	329791.669	2747008.195	27.190	SH
1977	329802.232	2747005.160	27.839	SH
1978	329811.881	2747020.816	28.349	WPL
1979	329811.908	2747020.810	28.365	WPL
1980	329787.521	2746985.621	27.233	SH
1981	329790.874	2746979.347	27.398	SH
1982	329819.284	2746913.543	31.020	SH
1983	329828.640	2746910.636	30.803	SH
1984	329829.992	2746910.526	30.017	SH
1985	329824.909	2746894.554	30.674	SH
1986	326653.036	2748082.848	35.122	TRIG
1987	326591.449	2748084.821	35.038	TRIG
1988	326595.299	2748362.113	35.909	TRIG
1989	326595.295	2748484.958	36.908	TRIG
1990	326597.297	2748615.468	37.546	TRIG
1991	326618.346	2748673.288	37.354	TRIG
1992	326787.129	2746455.244	23.466	PILLAR
1993	326752.886	2747069.262	29.246	TRIG
1994	326734.474	2747289.304	30.632	TRIG
1995	326717.200	2747346.943	31.069	TRIG
1996	326703.122	2747527.274	32.361	TRIG
1997	326807.989	2746625.256	25.851	TRIG
1998	326685.579	2747583.560	32.804	TRIG
1999	326656.837	2747801.360	34.467	TRIG
2000	326658.663	2747865.210	34.922	TRIG
2001	326631.741	2748007.950	35.221	TRIG
2002	326618.331	2748082.870	35.115	TRIG
2003	326764.164	2746982.661	28.716	TRIG
2004	326948.262	2745697.556	10.405	TRIG
2005	326955.096	2745583.461	9.405	TRIG
2006	326955.042	2745646.056	10.009	TRIG
2007	326971.400	2745456.189	7.904	TRIG
2008	326971.400	2745456.189	7.904	TRIG
2009	327001.945	2745337.237	6.946	TRIG
2010	326813.043	2746671.537	26.426	TRIG
2011	326800.035	2746768.133	27.308	TRIG
2012	326816.942	2746646.409	26.151	TRIG
2013	326822.812	2746602.679	25.765	TRIG
2014	326849.075	2746375.211	23.808	TRIG
2015	326849.606	2746375.257	23.965	TRIG
2016	326887.753	2746109.837	19.967	TRIG
2017	326849.719	2746288.168	24.213	TRIG
2018	326913.151	2746105.107	22.412	TRIG
2019	326892.901	2745949.783	18.181	TRIG
2020	326858.772	2745908.688	20.383	TRIG
2021	326858.712	2745908.670	20.418	TRIG
2022	326892.974	2745949.797	18.167	TRIG
2023	326764.163	2746982.664	28.827	TRIG
2024	326940.444	2745755.441	10.629	TRIG
2025	326948.262	2745697.556	10.405	TRIG
2026	326975.488	2745516.874	8.757	TRIG
2027	326971.400	2745456.189	7.904	TRIG
2028	327001.945	2745337.237	6.946	TRIG
2029	326988.469	2745350.364	7.347	TRIG
2030	326813.676	2746671.643	26.342	TRIG

2031	326817.500	2746646.464	26.078	TRIG
2032	326844.331	2746448.086	24.563	TRIG
2033	326849.075	2746375.211	23.808	TRIG
2034	326884.249	2746170.798	21.671	TRIG
2035	326887.753	2746109.837	19.967	TRIG
2036	326911.903	2745917.650	13.808	TRIG
2037	326892.901	2745949.783	18.181	TRIG
2038	326780.079	2746992.471	29.102	TRIG
2039	328071.118	2746987.108	29.265	TRIG
2040	328403.349	2746986.238	29.004	TRIG
2041	328959.390	2746983.623	28.987	TRIG
2042	329092.268	2746978.595	29.095	TRIG
2043	329176.827	2746956.226	28.983	TRIG
2044	329738.649	2746971.245	29.245	TRIG
2045	327070.308	2746981.939	29.559	TRIG
2046	327295.095	2746981.419	29.654	TRIG
2047	327520.376	2746988.394	29.607	TRIG
2048	328333.562	2746986.202	28.944	TRIG
2049	328670.776	2746985.764	29.057	TRIG
2050	328699.206	2746985.626	29.118	TRIG
2051	328929.566	2746983.678	29.042	TRIG
2052	329159.427	2746978.218	29.106	TRIG
2053	327022.878	2746982.064	29.526	TRIG
2054	329375.833	2746970.798	29.125	TRIG
2055	329413.888	2746970.153	29.124	TRIG
2056	329536.675	2746966.434	29.119	TRIG
2057	329562.080	2746965.876	29.099	TRIG
2058	329819.407	2746939.492	31.780	TRIG
2059	327070.308	2746981.939	29.559	TRIG
2060	327271.033	2746989.086	29.526	TRIG
2061	327295.095	2746981.419	29.654	TRIG
2062	327497.037	2746980.972	29.694	TRIG
2063	327722.280	2746980.472	29.744	TRIG
2064	327772.486	2746980.229	29.745	TRIG
2065	328264.041	2746956.169	30.086	PILLAR
2066	326768.236	2746980.402	28.778	TRIG
2067	327735.051	2746968.177	29.855	TRIG
2068	328408.149	2746967.509	29.085	TRIG
2069	328876.858	2746915.613	28.538	PILLAR
2070	327087.629	2745264.113	6.872	BM
2071	327640.504	2745252.373	5.573	BM
2072	326539.138	2748767.576	39.925	PILLAR
2073	326607.561	2748767.124	39.169	PILLAR
2074	329778.763	2746926.100	29.533	PILLAR
2075	329738.356	2746981.466	29.137	PEG
2076	328879.891	2746923.222	28.596	PILLAR
2077	329561.828	2746953.622	27.619	PILLAR

3.4 KM ROUTE FORM T JUNCTION TO COAL STORAGE YARD
CENTERLINE DATA FILE.

3.4 Km. ROUTE PROFILE DATA

Label ID	Station	Offset	Easting	Northing	Height	
Start	0+000.000	0	326769.967	2746979.871	28.791	
	0+025.000	0	326794.967	2746979.872	29.111	
	0+050.000	0	326819.967	2746979.874	29.310	
	0+075.000	0	326844.967	2746979.876	29.301	
	0+100.000	0	326869.967	2746979.877	29.261	
PI	0+120.743	0	326890.709	2746979.879	29.336	
	0+125.000	0	326894.967	2746979.871	29.352	
	0+150.000	0	326919.967	2746979.828	29.548	
	0+175.000	0	326944.967	2746979.784	29.632	
	0+200.000	0	326969.967	2746979.741	29.557	
	0+225.000	0	326994.967	2746979.697	29.445	
	0+250.000	0	327019.967	2746979.653	29.475	
	0+275.000	0	327044.967	2746979.610	29.437	
	0+300.000	0	327069.967	2746979.566	29.385	
	0+325.000	0	327094.966	2746979.522	29.433	
	0+350.000	0	327119.966	2746979.479	29.522	
	0+375.000	0	327144.966	2746979.435	29.246	
	0+400.000	0	327169.966	2746979.391	29.607	
	0+425.000	0	327194.966	2746979.348	29.634	
	PI	0+426.940	0	327196.906	2746979.344	29.623
0+450.000		0	327219.966	2746979.307	29.487	
0+475.000		0	327244.966	2746979.266	29.635	
0+500.000		0	327269.966	2746979.226	29.684	
0+525.000		0	327294.966	2746979.185	29.677	
0+550.000		0	327319.966	2746979.144	29.711	
PI		0+556.598	0	327326.564	2746979.134	29.732
		0+575.000	0	327344.966	2746979.086	29.793
		0+600.000	0	327369.966	2746979.020	29.754
		0+625.000	0	327394.966	2746978.955	29.942
	0+650.000	0	327419.966	2746978.889	29.808	
	0+675.000	0	327444.966	2746978.824	29.737	
	0+700.000	0	327469.966	2746978.758	29.666	
	0+725.000	0	327494.966	2746978.693	29.776	
	0+750.000	0	327519.965	2746978.627	29.897	
	0+775.000	0	327544.965	2746978.562	29.952	
PI	0+800.000	0	327569.965	2746978.496	29.693	
	0+821.159	0	327591.124	2746978.441	29.535	
	0+825.000	0	327594.965	2746978.431	29.507	
	0+850.000	0	327619.965	2746978.368	29.593	
	0+875.000	0	327644.965	2746978.304	29.493	
	0+900.000	0	327669.965	2746978.240	29.614	
	0+925.000	0	327694.965	2746978.177	29.594	
	0+950.000	0	327719.965	2746978.113	29.617	
	0+975.000	0	327744.965	2746978.049	29.766	
	1+000.000	0	327769.965	2746977.986	29.614	
	1+025.000	0	327794.965	2746977.922	29.666	
	1+050.000	0	327819.965	2746977.858	29.637	
	1+075.000	0	327844.964	2746977.795	29.745	
	1+100.000	0	327869.964	2746977.731	29.843	
	1+125.000	0	327894.964	2746977.668	29.407	
1+150.000	0	327919.964	2746977.604	29.244		

	1+175.000	0	327944.964	2746977.540	29.496
	1+200.000	0	327969.964	2746977.477	29.394
	1+225.000	0	327994.964	2746977.413	29.138
	1+250.000	0	328019.964	2746977.349	29.226
	1+275.000	0	328044.964	2746977.286	28.945
	1+300.000	0	328069.964	2746977.222	29.441
	1+325.000	0	328094.964	2746977.159	29.413
PI	1+346.519	0	328116.483	2746977.104	29.421
	1+350.000	0	328119.964	2746977.094	29.422
	1+375.000	0	328144.963	2746977.027	29.305
	1+400.000	0	328169.963	2746976.959	29.203
	1+425.000	0	328194.963	2746976.891	29.244
	1+450.000	0	328219.963	2746976.824	29.293
	1+475.000	0	328244.963	2746976.756	29.234
	1+500.000	0	328269.963	2746976.689	29.265
	1+525.000	0	328294.963	2746976.621	29.235
	1+550.000	0	328319.963	2746976.553	29.254
	1+575.000	0	328344.963	2746976.486	29.220
	1+600.000	0	328369.963	2746976.418	28.927
	1+625.000	0	328394.963	2746976.350	29.165
	1+650.000	0	328419.962	2746976.283	29.342
	1+675.000	0	328444.962	2746976.215	29.397
	1+700.000	0	328469.962	2746976.148	29.482
	1+725.000	0	328494.962	2746976.080	29.367
	1+750.000	0	328519.962	2746976.012	29.266
	1+775.000	0	328544.962	2746975.945	29.157
	1+800.000	0	328569.962	2746975.877	29.265
	1+825.000	0	328594.962	2746975.809	29.332
PI	1+848.045	0	328618.007	2746975.747	29.453
	1+850.000	0	328619.962	2746975.743	29.464
	1+875.000	0	328644.962	2746975.697	29.214
	1+900.000	0	328669.962	2746975.651	29.255
	1+925.000	0	328694.962	2746975.605	29.324
	1+950.000	0	328719.962	2746975.558	29.372
	1+975.000	0	328744.961	2746975.512	29.344
	2+000.000	0	328769.961	2746975.466	29.366
	2+025.000	0	328794.961	2746975.419	29.237
	2+050.000	0	328819.961	2746975.373	29.265
	2+075.000	0	328844.961	2746975.327	29.296
	2+100.000	0	328869.961	2746975.281	29.333
	2+125.000	0	328894.961	2746975.234	29.274
	2+150.000	0	328919.961	2746975.188	29.179
PI	2+159.160	0	328929.121	2746975.171	29.221
	2+175.000	0	328944.961	2746975.141	29.301
	2+200.000	0	328969.961	2746975.093	29.166
	2+225.000	0	328994.961	2746975.046	29.313
	2+250.000	0	329019.961	2746974.998	29.404
	2+275.000	0	329044.961	2746974.950	29.113
	2+300.000	0	329069.961	2746974.902	29.205
	2+325.000	0	329094.961	2746974.855	29.285
	2+350.000	0	329119.961	2746974.807	29.195
	2+375.000	0	329144.961	2746974.759	29.234
	2+400.000	0	329169.961	2746974.712	29.135
	2+425.000	0	329194.961	2746974.664	29.176
	2+450.000	0	329219.961	2746974.616	29.147
	2+475.000	0	329244.961	2746974.569	29.009
	2+500.000	0	329269.961	2746974.521	29.125

	2+525.000	0	329294.961	2746974.473	29.240
PI	2+538.045	0	329308.005	2746974.448	29.237
	2+550.000	0	329319.960	2746974.436	29.233
	2+575.000	0	329344.960	2746974.409	29.227
	2+600.000	0	329369.960	2746974.382	29.247
	2+625.000	0	329394.960	2746974.356	29.293
PI	2+632.167	0	329402.128	2746974.348	29.307
	2+650.000	0	329419.960	2746974.343	29.342
	2+675.000	0	329444.960	2746974.337	29.352
	2+700.000	0	329469.960	2746974.330	29.370
	2+725.000	0	329494.960	2746974.323	29.424
	2+750.000	0	329519.960	2746974.317	29.489
	2+775.000	0	329544.960	2746974.310	29.469
	2+800.000	0	329569.960	2746974.303	29.435
	2+825.000	0	329594.960	2746974.297	29.444
	2+850.000	0	329619.960	2746974.290	29.457
	2+875.000	0	329644.960	2746974.284	29.427
	2+900.000	0	329669.960	2746974.277	29.396
	2+925.000	0	329694.960	2746974.270	29.393
	2+950.000	0	329719.960	2746974.264	29.403
	2+975.000	0	329744.960	2746974.257	29.236
	3+000.000	0	329769.960	2746974.250	27.209
	3+025.000	0	329794.960	2746974.244	27.619
	3+050.000	0	329819.960	2746974.237	30.309
	3+075.000	0	329844.960	2746974.230	27.122
	3+100.000	0	329869.960	2746974.224	24.502
	3+125.000	0	329894.960	2746974.217	28.339
	3+150.000	0	329919.960	2746974.211	27.265
	3+175.000	0	329944.960	2746974.204	27.211
	3+200.000	0	329969.960	2746974.197	27.120
EOP	3+203.855	0	329973.815	2746974.196	27.111

3.4 Km ROUTE CROSS SECTION DATA

Point ID #	Easting	Northing	Height	Chainage	Offset
1	326769.967	2746979.871	28.791	0.00	0.00
2	326769.968	2746960.191	28.732	0.00	19.68
3	326769.969	2746941.131	28.671	0.00	38.74
4	326769.969	2746929.871	28.512	0.00	50.00
5	326769.967	2746992.211	28.821	0.00	-12.34
6	326769.966	2747005.201	28.862	0.00	-25.33
7	326769.965	2747029.871	28.952	0.00	-50.00
8	326894.967	2746979.871	29.352	125.00	0.00
9	326894.963	2746977.871	29.282	125.00	2.00
10	326894.955	2746973.371	29.231	125.00	6.50
11	326894.947	2746968.871	28.822	125.00	11.00
12	326894.938	2746963.531	29.191	125.00	16.34
13	326894.923	2746955.541	29.252	125.00	24.33
14	326894.971	2746981.871	29.361	125.00	-2.00
15	326894.979	2746986.371	29.311	125.00	-6.50
16	326894.987	2746990.871	29.241	125.00	-11.00
17	326894.996	2746996.211	29.231	125.00	-16.34
18	326895.005	2747000.991	29.086	125.00	-21.12
19	326895.012	2747004.871	29.221	125.00	-25.00
20	327019.967	2746979.653	29.475	250.00	0.00
21	327019.963	2746977.653	29.491	250.00	2.00
22	327019.955	2746973.153	29.441	250.00	6.50
23	327019.948	2746968.653	29.020	250.00	11.00
24	327019.934	2746960.843	29.171	250.00	18.81
25	327019.919	2746952.293	29.234	250.00	27.36
26	327019.880	2746929.653	29.241	250.00	50.00
27	327019.970	2746981.653	29.541	250.00	-2.00
28	327019.978	2746986.153	29.492	250.00	-6.50
29	327019.986	2746990.653	29.401	250.00	-11.00
30	327019.996	2746996.243	29.291	250.00	-16.59
31	327020.010	2747004.613	28.881	250.00	-24.96
32	327144.967	2746979.435	29.246	375.00	0.00
33	327144.963	2746977.435	29.541	375.00	2.00
34	327144.955	2746972.935	29.291	375.00	6.50
35	327144.947	2746968.435	29.072	375.00	11.00
36	327144.936	2746962.215	29.432	375.00	17.22
37	327144.923	2746954.515	29.661	375.00	24.92
38	327144.970	2746981.435	29.591	375.00	-2.00
39	327144.978	2746985.935	29.622	375.00	-6.50
40	327144.986	2746990.435	29.501	375.00	-11.00
41	327144.998	2746997.116	29.413	375.00	-17.68
42	327145.010	2747004.245	28.896	375.00	-24.81
43	327269.966	2746979.226	29.684	500.00	0.00
44	327269.963	2746977.226	29.621	500.00	2.00
45	327269.956	2746972.726	29.542	500.00	6.50
46	327269.949	2746968.226	29.168	500.00	11.00
47	327269.935	2746959.996	29.161	500.00	19.23
48	327269.926	2746954.016	29.294	500.00	25.21
49	327269.970	2746981.226	29.661	500.00	-2.00
50	327269.977	2746985.726	29.671	500.00	-6.50

51	327269.984	2746990.226	29.563	500.00	-11.00
52	327269.992	2746994.936	29.534	500.00	-15.71
53	327270.002	2747001.079	28.961	500.00	-21.85
54	327394.966	2746978.955	29.942	625.00	0.00
55	327394.961	2746976.955	29.681	625.00	2.00
56	327394.949	2746972.455	29.621	625.00	6.50
57	327394.937	2746967.955	29.271	625.00	11.00
58	327394.918	2746960.695	29.211	625.00	18.26
59	327394.900	2746953.544	29.541	625.00	25.41
60	327394.971	2746980.955	29.701	625.00	-2.00
61	327394.983	2746985.455	29.721	625.00	-6.50
62	327394.995	2746989.955	29.622	625.00	-11.00
63	327395.015	2746997.635	29.601	625.00	-18.68
64	327395.031	2747003.875	29.212	625.00	-24.92
65	327519.966	2746978.627	29.897	750.00	0.00
66	327519.960	2746976.627	29.691	750.00	2.00
67	327519.949	2746972.127	29.642	750.00	6.50
68	327519.937	2746967.627	29.084	750.00	11.00
69	327519.921	2746961.737	29.152	750.00	16.89
70	327519.899	2746953.187	29.331	750.00	25.44
71	327519.971	2746980.627	29.711	750.00	-2.00
72	327519.983	2746985.127	29.742	750.00	-6.50
73	327519.995	2746989.627	29.671	750.00	-11.00
74	327520.012	2746996.337	29.631	750.00	-17.71
75	327520.030	2747003.257	29.254	750.00	-24.63
76	327644.965	2746978.304	29.493	875.00	0.00
77	327644.960	2746976.304	28.891	875.00	2.00
78	327644.949	2746971.804	29.691	875.00	6.50
79	327644.937	2746967.304	29.211	875.00	11.00
80	327644.910	2746956.632	29.991	875.00	21.67
81	327644.901	2746953.084	28.961	875.00	25.22
82	327644.970	2746980.304	29.741	875.00	-2.00
83	327644.982	2746984.804	29.742	875.00	-6.50
84	327644.993	2746989.304	29.671	875.00	-11.00
85	327645.009	2746995.294	29.631	875.00	-16.99
86	327645.028	2747002.744	29.711	875.00	-24.44
87	327769.965	2746977.986	29.614	1000.00	0.00
88	327769.960	2746975.986	29.772	1000.00	2.00
89	327769.948	2746971.486	29.741	1000.00	6.50
90	327769.937	2746966.986	29.273	1000.00	11.00
91	327769.918	2746959.676	29.541	1000.00	18.31
92	327769.901	2746953.026	29.111	1000.00	24.96
93	327769.970	2746979.986	29.811	1000.00	-2.00
94	327769.981	2746984.486	29.773	1000.00	-6.50
95	327769.993	2746988.986	29.681	1000.00	-11.00
96	327770.007	2746994.606	29.674	1000.00	-16.62
97	327770.027	2747002.276	29.752	1000.00	-24.29
98	327894.964	2746977.668	29.407	1125.00	0.00
99	327894.959	2746975.668	29.622	1125.00	2.00
100	327894.948	2746971.168	29.574	1125.00	6.50
101	327894.937	2746966.668	29.133	1125.00	11.00
102	327894.921	2746960.558	29.852	1125.00	17.11
103	327894.901	2746952.728	29.911	1125.00	24.94
104	327894.970	2746979.668	29.682	1125.00	-2.00
105	327894.981	2746984.168	29.751	1125.00	-6.50

106	327894.992	2746988.668	29.673	1125.00	-11.00
107	327895.010	2746995.628	29.584	1125.00	-17.96
108	327895.027	2747002.338	29.571	1125.00	-24.67
109	328019.964	2746977.349	29.226	1250.00	0.00
110	328019.959	2746975.349	29.452	1250.00	2.00
111	328019.948	2746970.849	29.391	1250.00	6.50
112	328019.936	2746966.349	29.352	1250.00	11.00
113	328019.917	2746958.959	29.651	1250.00	18.39
114	328019.909	2746955.789	29.673	1250.00	21.56
115	328019.900	2746952.249	29.894	1250.00	25.10
116	328019.969	2746979.349	29.472	1250.00	-2.00
117	328019.981	2746983.849	29.471	1250.00	-6.50
118	328019.992	2746988.349	29.444	1250.00	-11.00
119	328019.998	2746990.789	29.411	1250.00	-13.44
120	328020.012	2746996.059	28.991	1250.00	-18.71
121	328020.027	2747002.109	29.722	1250.00	-24.76
122	328144.964	2746977.027	29.305	1375.00	0.00
123	328144.958	2746975.027	29.211	1375.00	2.00
124	328144.946	2746970.527	29.051	1375.00	6.50
125	328144.934	2746966.027	28.703	1375.00	11.00
126	328144.919	2746960.537	29.251	1375.00	16.49
127	328144.896	2746951.907	29.834	1375.00	25.12
128	328144.969	2746979.027	29.211	1375.00	-2.00
129	328144.981	2746983.527	29.251	1375.00	-6.50
130	328144.993	2746988.027	29.213	1375.00	-11.00
131	328145.005	2746992.257	29.124	1375.00	-15.23
132	328145.013	2746995.387	28.854	1375.00	-18.36
133	328269.963	2746976.689	29.265	1500.00	0.00
134	328269.958	2746974.689	29.020	1500.00	2.00
135	328269.946	2746970.189	29.042	1500.00	6.50
136	328269.933	2746965.689	28.934	1500.00	11.00
137	328269.908	2746956.229	29.819	1500.00	20.46
138	328269.896	2746951.759	29.872	1500.00	24.93
139	328269.969	2746978.689	29.041	1500.00	-2.00
140	328269.981	2746983.189	29.082	1500.00	-6.50
141	328269.993	2746987.689	29.011	1500.00	-11.00
142	328270.002	2746991.119	28.944	1500.00	-14.43
143	328270.015	2746995.999	28.452	1500.00	-19.31
144	328394.963	2746976.350	29.165	1625.00	0.00
145	328394.957	2746974.350	29.111	1625.00	2.00
146	328394.945	2746969.850	28.884	1625.00	6.50
147	328394.933	2746965.350	27.281	1625.00	11.00
148	328394.918	2746959.630	28.641	1625.00	16.72
149	328394.896	2746951.650	29.664	1625.00	24.70
150	328394.968	2746978.350	29.122	1625.00	-2.00
151	328394.980	2746982.850	29.171	1625.00	-6.50
152	328394.992	2746987.350	29.078	1625.00	-11.00
153	328394.996	2746988.580	28.992	1625.00	-12.23
154	328395.002	2746990.880	28.601	1625.00	-14.53
155	328395.010	2746993.720	27.782	1625.00	-17.37
156	328395.022	2746998.150	28.381	1625.00	-21.80
157	328519.962	2746976.012	29.266	1750.00	0.00
158	328519.945	2746969.532	29.141	1750.00	6.48
159	328519.934	2746965.372	29.010	1750.00	10.64
160	328519.924	2746961.782	28.331	1750.00	14.23

161	328519.908	2746955.942	28.231	1750.00	20.07
162	328519.889	2746948.692	28.055	1750.00	27.32
163	328519.827	2746926.012	28.146	1750.00	50.00
164	328519.980	2746982.602	29.144	1750.00	-6.59
165	328519.992	2746987.042	29.022	1750.00	-11.03
166	328519.994	2746987.872	28.973	1750.00	-11.86
167	328520.001	2746990.452	28.893	1750.00	-14.44
168	328520.013	2746994.692	28.512	1750.00	-18.68
169	328520.022	2746998.102	28.813	1750.00	-22.09
170	328644.962	2746975.697	29.214	1875.00	0.00
171	328644.958	2746973.697	29.161	1875.00	2.00
172	328644.950	2746969.197	28.991	1875.00	6.50
173	328644.942	2746964.697	29.111	1875.00	11.00
174	328644.937	2746962.267	28.684	1875.00	13.43
175	328644.923	2746954.437	29.191	1875.00	21.26
176	328644.916	2746950.737	29.242	1875.00	24.96
177	328644.966	2746977.697	29.262	1875.00	-2.00
178	328644.974	2746982.197	29.261	1875.00	-6.50
179	328644.982	2746986.697	29.191	1875.00	-11.00
180	328644.983	2746987.367	29.131	1875.00	-11.67
181	328644.987	2746989.587	29.137	1875.00	-13.89
182	328644.997	2746994.767	28.781	1875.00	-19.07
183	328645.002	2746997.777	29.071	1875.00	-22.08
184	328769.962	2746975.466	29.366	2000.00	0.00
185	328769.958	2746973.466	29.252	2000.00	2.00
186	328769.950	2746968.966	29.174	2000.00	6.50
187	328769.941	2746964.466	29.221	2000.00	11.00
188	328769.936	2746961.686	28.561	2000.00	13.78
189	328769.927	2746956.646	28.591	2000.00	18.82
190	328769.916	2746950.756	28.561	2000.00	24.71
191	328769.965	2746977.466	29.291	2000.00	-2.00
192	328769.974	2746981.966	29.272	2000.00	-6.50
193	328769.982	2746986.466	29.201	2000.00	-11.00
194	328769.988	2746989.746	29.123	2000.00	-14.28
195	328770.003	2746997.856	28.642	2000.00	-22.39
196	328894.961	2746975.234	29.274	2125.00	0.00
197	328894.949	2746968.734	29.181	2125.00	6.50
198	328894.941	2746964.234	29.161	2125.00	11.00
199	328894.929	2746957.974	28.974	2125.00	17.26
200	328894.917	2746951.524	28.921	2125.00	23.71
201	328894.908	2746946.344	28.451	2125.00	28.89
202	328894.888	2746935.674	28.443	2125.00	39.56
203	328894.868	2746925.234	28.433	2125.00	50.00
204	328894.974	2746981.734	29.182	2125.00	-6.50
205	328894.982	2746986.234	29.111	2125.00	-11.00
206	328894.988	2746989.704	28.901	2125.00	-14.47
207	328895.001	2746996.754	29.162	2125.00	-21.52
208	328895.016	2747004.704	29.172	2125.00	-29.47
209	328895.054	2747025.234	29.231	2125.00	-50.00
210	329019.961	2746974.998	29.404	2250.00	0.00
211	329019.957	2746972.998	29.021	2250.00	2.00
212	329019.949	2746968.748	28.891	2250.00	6.25
213	329019.942	2746964.998	28.591	2250.00	10.00
214	329019.933	2746960.268	28.573	2250.00	14.73
215	329019.925	2746956.328	28.594	2250.00	18.67

216	329019.920	2746953.378	28.521	2250.00	21.62
217	329019.913	2746950.048	28.513	2250.00	24.95
218	329019.965	2746976.998	28.402	2250.00	-2.00
219	329019.973	2746981.248	29.040	2250.00	-6.25
220	329019.980	2746984.998	28.991	2250.00	-10.00
221	329019.988	2746988.818	28.912	2250.00	-13.82
222	329020.009	2747000.038	28.811	2250.00	-25.04
223	329144.961	2746974.759	29.234	2375.00	0.00
224	329144.957	2746972.759	29.082	2375.00	2.00
225	329144.949	2746968.509	28.912	2375.00	6.25
226	329144.942	2746964.759	28.371	2375.00	10.00
227	329144.925	2746955.809	28.322	2375.00	18.95
228	329144.913	2746949.299	28.634	2375.00	25.46
229	329144.890	2746937.489	28.741	2375.00	37.27
230	329144.866	2746924.759	28.931	2375.00	50.00
231	329144.965	2746976.759	29.290	2375.00	-2.00
232	329144.973	2746981.009	29.221	2375.00	-6.25
233	329144.980	2746984.759	29.071	2375.00	-10.00
234	329145.009	2746999.869	28.361	2375.00	-25.11
235	329269.961	2746974.521	29.125	2500.00	0.00
236	329269.957	2746972.521	29.152	2500.00	2.00
237	329269.949	2746968.271	28.991	2500.00	6.25
238	329269.942	2746964.521	28.324	2500.00	10.00
239	329269.934	2746960.641	28.123	2500.00	13.88
240	329269.927	2746956.781	28.231	2500.00	17.74
241	329269.915	2746950.781	28.462	2500.00	23.74
242	329269.914	2746950.041	28.521	2500.00	24.48
243	329269.965	2746976.521	29.192	2500.00	-2.00
244	329269.973	2746980.771	29.062	2500.00	-6.25
245	329269.980	2746984.521	28.984	2500.00	-10.00
246	329269.984	2746986.721	28.801	2500.00	-12.20
247	329270.007	2746998.791	28.691	2500.00	-24.27
248	329394.961	2746974.356	29.293	2625.00	0.00
249	329394.958	2746972.356	29.012	2625.00	2.00
250	329394.954	2746968.106	28.870	2625.00	6.25
251	329394.950	2746964.356	28.810	2625.00	10.00
252	329394.943	2746958.256	27.751	2625.00	16.10
253	329394.941	2746955.686	27.501	2625.00	18.67
254	329394.940	2746955.076	27.661	2625.00	19.28
255	329394.934	2746949.706	27.631	2625.00	24.65
256	329394.963	2746976.356	29.172	2625.00	-2.00
257	329394.967	2746980.606	29.191	2625.00	-6.25
258	329394.971	2746984.356	29.021	2625.00	-10.00
259	329394.978	2746990.636	28.881	2625.00	-16.28
260	329394.984	2746996.466	28.821	2625.00	-22.11
261	329395.000	2747010.806	28.801	2625.00	-36.45
262	329395.015	2747024.356	28.781	2625.00	-50.00
263	329519.961	2746974.317	29.489	2750.00	0.00
264	329519.960	2746972.317	29.132	2750.00	2.00
265	329519.959	2746968.067	28.961	2750.00	6.25
266	329519.958	2746964.317	28.264	2750.00	10.00
267	329519.957	2746959.167	27.403	2750.00	15.15
268	329519.956	2746955.427	27.621	2750.00	18.89
269	329519.955	2746953.027	27.213	2750.00	21.29
270	329519.954	2746949.697	27.533	2750.00	24.62

271	329519.961	2746976.317	29.271	2750.00	-2.00
272	329519.962	2746980.567	29.301	2750.00	-6.25
273	329519.963	2746984.317	29.124	2750.00	-10.00
274	329519.966	2746993.087	28.974	2750.00	-18.77
275	329644.961	2746974.284	29.427	2875.00	0.00
276	329644.960	2746972.284	29.152	2875.00	2.00
277	329644.959	2746968.034	28.921	2875.00	6.25
278	329644.958	2746964.284	28.761	2875.00	10.00
279	329644.958	2746963.544	27.842	2875.00	10.74
280	329644.957	2746961.274	27.374	2875.00	13.01
281	329644.957	2746958.904	27.441	2875.00	15.38
282	329644.955	2746953.814	27.162	2875.00	20.47
283	329644.954	2746949.664	27.111	2875.00	24.62
284	329644.961	2746976.284	29.291	2875.00	-2.00
285	329644.962	2746980.534	29.311	2875.00	-6.25
286	329644.963	2746984.284	29.123	2875.00	-10.00
287	329644.964	2746988.524	28.911	2875.00	-14.24
288	329644.966	2746993.084	28.182	2875.00	-18.80
289	329769.961	2746974.250	27.209	3000.00	0.00
290	329769.960	2746971.630	27.211	3000.00	2.62
291	329769.957	2746960.950	27.302	3000.00	13.30
292	329769.956	2746954.820	27.461	3000.00	19.43
293	329769.955	2746953.440	27.371	3000.00	20.81
294	329769.954	2746949.630	27.074	3000.00	24.62
295	329769.954	2746948.290	27.292	3000.00	25.96
296	329769.953	2746945.050	27.381	3000.00	29.20
297	329769.950	2746934.590	27.891	3000.00	39.66
298	329769.948	2746924.250	28.420	3000.00	50.00
299	329769.963	2746983.500	27.351	3000.00	-9.25
300	329769.966	2746993.340	27.502	3000.00	-19.09
301	329769.968	2747003.380	27.611	3000.00	-29.13
302	329769.969	2747007.420	27.462	3000.00	-33.17
303	329769.974	2747024.250	27.811	3000.00	-50.00
304	329894.961	2746974.217	28.340	3125.00	0.00
305	329894.957	2746961.967	28.351	3125.00	12.25
306	329894.955	2746953.967	28.492	3125.00	20.25
307	329894.952	2746941.757	28.174	3125.00	32.46
308	329894.949	2746929.397	28.074	3125.00	44.82
309	329894.948	2746924.217	28.112	3125.00	50.00
310	329894.964	2746985.567	28.374	3125.00	-11.35
311	329894.967	2746997.647	28.412	3125.00	-23.43
312	329894.969	2747005.027	27.883	3125.00	-30.81
313	329894.971	2747013.797	27.796	3125.00	-39.58
314	329894.974	2747024.217	28.394	3125.00	-50.00
315	329969.961	2746974.197	27.120	3200.00	0.00
316	329969.956	2746958.847	27.091	3200.00	15.35
317	329969.954	2746948.517	27.077	3200.00	25.68
318	329969.951	2746938.017	27.051	3200.00	36.18
319	329969.949	2746929.837	27.043	3200.00	44.36
320	329969.947	2746924.197	27.012	3200.00	50.00
321	329969.964	2746984.927	27.176	3200.00	-10.73
322	329969.966	2746993.447	27.233	3200.00	-19.25
323	329969.969	2747006.257	27.261	3200.00	-32.06
324	329969.974	2747024.197	27.291	3200.00	-50.00

COAL STORAGE RAILWAY YARD AREA DATA FILE.

SURVEY RAW DATA
COMBINED 3.5 KM & 3.4 KM ROUTE

Point ID	Easting	Northing	Height	Code
1	326779.505	2747053.639	28.668	WALL
2	326770.179	2747022.988	28.936	KS
3	326772.728	2747004.343	28.824	KS
4	326775.349	2746997.950	28.814	KS
5	326779.141	2746992.756	28.825	KS
6	326782.955	2746990.590	28.820	KS
7	326783.184	2747005.768	28.630	WALL
8	326866.079	2747005.373	29.118	WALL
9	326871.015	2746990.822	29.107	KS
10	326872.070	2746991.634	29.110	KS
11	326872.550	2746992.291	29.180	KS
12	326799.634	2746995.689	27.673	C
13	326776.423	2747002.744	28.273	MH
14	326796.166	2747005.051	28.468	MH
15	326806.561	2747003.011	28.386	MH
16	326825.664	2747004.024	28.884	MH
17	326839.781	2747002.008	28.601	MH
18	326858.302	2746998.562	28.714	C
19	326872.216	2747001.163	29.136	KS
20	326884.910	2747009.168	29.475	KS
21	326885.727	2746992.198	29.241	KS
22	326886.660	2746990.975	29.172	KS
23	326887.933	2746990.699	29.235	KS
24	326894.507	2746998.084	28.758	C
25	326890.713	2746981.869	29.321	KS
26	326889.353	2746979.725	29.384	KS
27	326890.801	2746977.895	29.316	KS
28	326865.027	2746978.100	29.274	KS
29	326866.820	2746980.151	29.335	KS
30	326865.389	2746982.028	29.234	KS
31	326792.284	2746981.834	28.985	KS
32	326790.369	2746980.386	28.976	KS
33	326792.221	2746977.909	28.895	KS
34	326777.835	2746963.192	28.560	KS
35	326779.958	2746967.804	28.635	KS
36	326785.749	2746969.101	28.768	KS
37	326797.924	2746969.207	28.904	KS
38	326803.607	2746963.000	28.798	KS
39	326803.701	2746955.753	28.925	KS
40	326813.006	2746955.728	29.088	KS
41	326813.216	2746963.121	28.786	KS
42	326819.408	2746969.115	28.944	KS
43	326829.154	2746969.037	29.024	KS
44	326835.617	2746962.365	28.936	KS
45	326835.643	2746955.506	28.959	KS
46	326836.983	2746955.545	29.014	GATE
47	326842.389	2746955.521	29.070	GATE
48	326843.979	2746955.501	29.083	KS
49	326844.080	2746962.367	28.954	KS
50	326847.155	2746966.641	28.916	KS

51	326854.016	2746969.211	29.067	KS
52	326917.292	2746990.758	29.176	KS
53	326934.459	2746998.942	29.198	KS
54	326934.630	2747004.875	29.200	GATE
55	326940.798	2747004.919	29.254	GATE
56	326940.796	2747004.919	29.253	KS
57	326940.874	2746998.686	29.194	KS
58	326942.472	2746990.699	29.204	KS
59	326952.863	2746990.753	29.213	KS
60	326955.657	2746992.714	29.216	KS
61	326957.990	2746999.594	29.176	KS
62	326954.556	2746990.806	29.248	KS
63	326956.510	2746994.489	29.190	KS
64	326958.067	2746999.609	29.178	KS
65	326957.955	2747004.876	29.292	GATE
66	326965.307	2747004.834	29.285	GATE
67	326965.308	2747004.833	29.285	KS
68	326965.347	2746999.006	29.212	KS
69	326966.684	2746993.282	29.173	KS
70	326968.002	2746990.926	29.232	KS
71	326972.156	2746990.664	29.219	KS
72	326993.568	2746996.027	29.209	KS
73	326993.822	2747004.669	29.321	GATE
74	326999.922	2747004.629	29.271	GATE
75	326999.918	2747004.626	29.267	KS
76	327000.724	2746994.239	29.120	KS
77	327004.075	2746990.556	29.299	KS
78	327004.102	2746997.278	28.991	KS
79	327011.630	2746968.896	29.408	KS
80	327013.919	2746967.195	29.437	KS
81	327014.383	2746964.711	29.223	KS
82	326792.949	2746955.738	28.572	WALL
83	327002.709	2746954.853	29.334	WALL
84	326898.215	2747005.221	29.296	WALL
85	326958.319	2746959.293	29.294	C
86	326912.749	2746959.986	29.051	C
87	326866.132	2746960.616	28.733	C
88	326803.990	2746955.664	28.783	GATE
89	326805.469	2746955.656	28.808	GATE
90	326806.118	2746955.628	28.821	GATE
91	326811.521	2746955.669	28.894	GATE
92	326780.153	2746992.425	29.085	LP
93	326770.786	2747023.028	29.210	LP
94	327022.891	2746982.064	29.519	TRIG
95	327041.301	2746954.616	29.468	WALL
96	327009.316	2746944.990	29.459	WALL
97	327021.731	2746950.915	29.242	KS
98	327028.650	2746950.354	29.207	KS
99	327035.298	2746965.595	29.279	KS
100	327037.094	2746967.816	29.338	KS
101	327038.823	2746968.664	29.350	KS
102	327055.858	2746958.521	29.313	C
103	327062.612	2747004.601	29.598	WALL
104	327065.866	2747009.226	29.690	WALL
105	327070.971	2746990.950	29.465	KS

106	327071.845	2746990.528	29.438	KS
107	327073.144	2746990.430	29.453	KS
108	327029.285	2746990.483	29.256	KS
109	327042.559	2746990.380	29.347	KS
110	327047.179	2746990.421	29.373	KS
111	327055.511	2746995.953	29.377	KS
112	327063.959	2747004.734	29.541	KS
113	327115.729	2747009.042	30.095	WALL
114	327118.848	2747004.452	29.630	WALL
115	327123.362	2747000.590	28.931	MH
116	327125.742	2746999.633	28.936	MH
117	327142.102	2746999.478	28.738	MH
118	327149.703	2747000.423	28.944	MH
119	327149.063	2747004.188	29.147	WALL
120	327154.075	2746995.522	28.881	C
121	327109.723	2746990.299	29.427	KS
122	327152.381	2746954.468	29.163	WALL
123	327133.223	2746990.142	29.395	KS
124	327159.398	2746991.584	29.451	KS
125	327162.562	2746996.294	29.389	KS
126	327164.369	2747008.256	29.417	KS
127	327171.780	2747006.769	29.470	KS
128	327173.342	2746997.892	29.420	KS
129	327185.580	2747001.197	28.846	WALL
130	327183.304	2747000.209	28.744	MH
131	327182.286	2747000.106	28.771	MH
132	327180.783	2746999.405	28.941	MH
133	327185.996	2746994.534	29.129	MH
134	327196.911	2746981.334	29.602	KS
135	327195.503	2746979.265	29.669	KS
136	327197.333	2746977.326	29.557	KS
137	327181.325	2746977.331	29.573	KS
138	327182.706	2746979.002	29.665	KS
139	327180.631	2746981.373	29.644	KS
140	327166.101	2746981.424	29.598	KS
141	327164.599	2746979.222	29.627	KS
142	327166.163	2746977.358	29.545	KS
143	327150.208	2746977.398	29.567	KS
144	327151.660	2746979.341	29.620	KS
145	327149.924	2746981.363	29.614	KS
146	327101.790	2746958.352	29.523	C
147	327183.973	2746954.242	30.021	WALL
148	327158.257	2746968.514	29.463	KS
149	327160.273	2746966.921	29.410	KS
150	327160.750	2746965.065	29.315	KS
151	327163.491	2746958.053	29.155	KS
152	327164.638	2746951.925	29.142	KS
153	327170.696	2746952.242	29.265	KS
154	327170.711	2746959.759	29.290	KS
155	327175.041	2746968.425	29.434	KS
156	327197.210	2746968.489	29.462	KS
157	327203.861	2746959.415	29.037	C
158	327242.819	2746968.365	29.545	KS
159	327271.033	2746989.086	29.535	TRIG
160	327196.752	2746994.421	29.109	MH

161	327209.335	2746998.805	29.074	MH
162	327208.295	2746994.559	29.028	MH
163	327216.458	2746999.755	29.081	MH
164	327219.407	2746994.310	29.041	MH
165	327230.234	2746994.103	29.105	MH
166	327241.007	2746994.204	29.309	MH
167	327251.655	2746994.247	29.209	MH
168	327256.272	2746993.041	28.887	C
169	327262.881	2746993.878	29.010	MH
170	327369.600	2747000.822	29.370	WALL
171	327274.082	2746994.203	29.099	MH
172	327284.638	2746994.240	29.092	MH
173	327291.668	2747000.240	29.052	MH
174	327295.188	2746994.539	28.815	MH
175	327306.128	2746994.884	29.207	MH
176	327308.461	2747000.539	28.791	MH
177	327317.405	2746995.142	29.364	MH
178	327313.130	2746981.057	29.762	KS
179	327315.112	2746978.974	29.832	KS
180	327313.498	2746977.071	29.809	KS
181	327325.752	2746977.118	29.732	KS
182	327324.547	2746978.789	29.751	KS
183	327326.570	2746981.105	29.724	KS
184	327306.148	2746994.936	28.194	MH
185	327317.442	2746995.191	28.344	MH
186	327321.300	2747000.482	28.000	MH
187	327405.472	2746953.551	28.621	GATE
188	327412.342	2746953.576	28.646	GATE
189	327330.521	2746996.312	28.388	MH
190	327341.251	2747000.420	28.185	MH
191	327341.331	2746996.555	28.337	MH
192	327353.359	2746996.442	28.225	MH
193	327363.894	2746997.011	28.056	MH
194	327379.967	2747004.012	27.388	WALL
195	327374.363	2747000.833	28.384	MH
196	327376.649	2746997.387	28.178	MH
197	327383.670	2746995.033	28.174	C
198	327313.347	2746981.055	28.725	KS
199	327314.919	2746978.948	28.793	KS
200	327313.442	2746977.152	28.798	KS
201	327326.404	2746981.159	28.698	KS
202	327324.409	2746978.849	28.710	KS
203	327325.590	2746977.249	28.703	KS
204	327401.113	2747001.847	27.949	MH
205	327022.866	2746982.065	29.525	TRIG
206	326707.787	2747012.483	26.132	WALL
207	326708.758	2747006.291	26.275	GATE
208	326714.494	2746964.859	26.687	GATE
209	326715.189	2746959.802	26.638	GATE
210	326714.248	2746965.826	26.208	WALL
211	326723.165	2746898.989	25.723	WALL
212	326813.679	2746671.623	26.346	TRIG
213	326872.625	2746595.841	28.489	WALL
214	326851.231	2746595.793	28.692	WALL
215	326853.393	2746579.675	28.630	WALL

216	326819.454	2746759.779	30.704	WALL
217	326819.453	2746759.769	29.582	FNC
218	326845.271	2746645.931	24.678	FNC
219	326862.493	2746645.919	26.715	FNC
220	326844.332	2746448.079	24.614	TRIG
221	326838.568	2746384.030	23.359	WPL
222	326838.361	2746384.591	23.554	MH
223	326878.292	2746397.433	26.028	WALL
224	326893.047	2746397.423	28.415	WALL
225	326841.264	2746377.550	22.919	MH
226	326870.130	2746457.242	25.967	GATE
227	326870.681	2746452.955	25.813	GATE
228	326840.928	2746365.742	23.180	WPL
229	326839.843	2746392.522	23.934	MH
230	326845.882	2746348.145	23.552	MH
231	326836.251	2746375.999	22.321	SH
232	326831.386	2746374.131	21.742	SH
233	326823.279	2746374.491	21.675	SH
234	326815.845	2746380.066	22.587	SH
235	326847.324	2746449.983	24.474	TRACK
236	326870.599	2746452.843	26.229	TRACK
237	326870.109	2746457.220	26.184	TRACK
238	326846.128	2746455.095	24.534	TRACK
239	326838.048	2746452.552	24.450	TRACK
240	326832.775	2746451.529	24.194	TRACK
241	326833.539	2746444.858	24.129	TRACK
242	326838.932	2746445.256	24.342	TRACK
243	326877.902	2746400.590	25.847	PIPE
244	326873.405	2746400.169	24.096	PIPE
245	326867.584	2746385.281	23.978	SH
246	326861.406	2746400.874	23.761	SH
247	326857.237	2746419.580	24.606	SH
248	326861.548	2746455.176	25.566	SH
249	326884.251	2746170.779	21.690	TRIG
250	326887.425	2746105.203	19.792	TRACK
251	326883.337	2746100.731	19.536	TRACK
252	326875.279	2746097.062	19.714	TRACK
253	326858.353	2746093.670	17.431	TRACK
254	326860.097	2746088.457	17.530	TRACK
255	326875.964	2746094.260	19.584	TRACK
256	326881.262	2746095.227	19.423	TRACK
257	326889.668	2746088.454	19.353	TRACK
258	326868.994	2746033.562	19.046	PY
259	326875.958	2746033.547	20.079	PY
260	326876.015	2746026.830	20.055	PY
261	326890.338	2746023.471	49.848	CHL
262	326923.696	2746023.850	44.701	CHL
263	326924.095	2746037.986	44.226	CHL
264	326872.588	2746037.359	53.012	CHL
265	326879.999	2746114.974	21.425	SH
266	326883.434	2746114.122	19.919	SH
267	326874.511	2746111.245	21.358	SH
268	326877.709	2746106.912	19.403	SH
269	326878.534	2746101.630	19.497	SH
270	326865.995	2746105.188	19.871	SH

271	326877.313	2746092.935	20.930	SH
272	326838.793	2746080.145	18.518	SH
273	326868.504	2746099.076	19.549	SH
274	326883.851	2746083.326	20.651	SH
275	326872.507	2746048.477	20.160	SH
276	326911.380	2746104.987	22.228	SH
277	326896.836	2746107.516	19.773	SH
278	326903.036	2746079.863	20.118	SH
279	326899.387	2746082.389	18.986	SH
280	326907.982	2746136.476	23.069	SH
281	326900.627	2746148.082	22.754	SH
282	326893.339	2746129.972	20.447	SH
283	326905.413	2746018.860	16.887	ROAD
284	326912.926	2746004.316	16.140	ROAD
285	326929.120	2745988.307	16.444	ROAD
286	326945.481	2745981.999	17.121	ROAD
287	326962.140	2745978.352	17.861	ROAD
288	326961.884	2745972.341	17.961	ROAD
289	326948.778	2745973.777	17.287	ROAD
290	326935.222	2745977.313	16.890	ROAD
291	326921.526	2745984.949	16.524	ROAD
292	326912.459	2745995.422	16.188	ROAD
293	326907.283	2746001.042	16.310	ROAD
294	326913.269	2745948.327	14.724	ROAD
295	326929.601	2745968.404	16.032	ROAD
296	326948.749	2745973.486	17.282	ROAD
297	326963.979	2745972.239	18.046	ROAD
298	326964.314	2745967.464	17.925	ROAD
299	326938.114	2745964.257	16.279	ROAD
300	326927.528	2745957.646	15.410	ROAD
301	326919.948	2745947.963	14.770	ROAD
302	326916.480	2745941.522	14.549	ROAD
303	326911.903	2745917.650	13.796	TRIG
304	326927.269	2745919.403	15.113	CHKPOST
305	326926.903	2745920.810	18.482	CHKPOST
306	326925.854	2745921.307	15.092	CHKPOST
307	326926.078	2745925.683	15.121	CHKPOST
308	326929.486	2745925.493	15.122	CHKPOST
309	326951.449	2745947.620	17.000	MH
310	327026.370	2745947.671	20.155	MH
311	326962.671	2745964.544	18.149	MH
312	326897.287	2745949.809	18.072	TOP
313	326896.886	2745943.700	18.312	TOP
314	326896.425	2745934.383	18.254	TOP
315	326914.401	2745890.483	14.335	TOP
316	326919.402	2745892.178	15.990	TOP
317	326918.962	2745911.724	16.184	TOP
318	326931.712	2745913.789	16.277	TOP
319	326934.003	2745936.584	17.385	TOP
320	326882.010	2745897.978	16.843	TOP
321	326892.564	2745956.157	18.280	TOP
322	326891.536	2746029.690	18.992	TOP
323	326888.388	2745963.430	18.154	TOP
324	326885.563	2746004.862	18.373	TOP
325	326876.853	2745941.450	18.818	TOP

326	326855.804	2745921.872	19.478	TOP
327	326863.486	2745907.425	20.376	TOP
328	326875.014	2745902.834	19.150	TOP
329	326912.442	2745860.926	11.875	CUL
330	326921.516	2745844.210	11.604	CUL
331	326919.902	2745843.335	11.602	CUL
332	326910.714	2745860.963	11.933	CUL
333	326911.603	2745861.232	10.966	BED
334	326895.295	2745883.772	12.106	SH
335	326887.540	2745919.069	13.810	SH
336	326887.945	2745940.030	16.225	SH
337	326880.693	2745946.060	18.230	SH
338	326879.296	2745823.778	8.895	SH
339	326909.311	2745866.153	12.095	SH
340	326913.942	2745893.643	12.784	SH
341	326919.025	2745915.154	14.880	SH
342	326919.360	2745927.600	14.566	SH
343	326931.693	2745925.075	15.069	SH
344	326929.809	2745943.337	16.176	SH
345	326920.176	2745944.485	14.689	SH
346	326904.542	2745956.336	14.923	SH
347	326916.308	2745960.849	15.177	SH
348	326918.971	2745974.990	15.901	SH
349	326936.629	2745974.967	16.781	SH
350	326909.650	2745988.310	15.899	SH
351	326917.392	2745921.870	13.624	CUL
352	326924.228	2745934.120	14.223	CUL
353	326922.274	2745934.961	14.192	CUL
354	326916.003	2745922.399	13.605	CUL
355	326916.635	2745922.178	12.717	BED
356	326923.190	2745934.602	13.157	BED
357	326949.599	2745865.004	22.870	ALUM
358	326919.848	2745863.382	10.087	SH
359	326919.858	2745863.386	10.086	DARGAH
360	326919.137	2745870.346	9.976	DARGAH
361	326919.169	2745870.245	9.976	SH
362	326917.277	2745872.229	9.953	SH
363	326916.958	2745875.916	10.006	SH
364	326917.958	2745877.576	10.121	SH
365	326914.933	2745883.001	12.111	SH
366	326913.722	2745874.618	11.917	SH
367	326913.851	2745867.041	11.761	SH
368	326940.453	2745755.437	10.781	TRIG
369	326931.678	2745702.447	10.148	MH
370	326928.244	2745697.981	7.301	SH
371	326922.703	2745695.471	7.845	SH
372	326922.511	2745696.452	7.516	SH
373	326956.708	2745697.959	8.732	SH
374	326957.866	2745698.154	8.166	SH
375	326954.560	2745698.221	10.097	SH
376	326958.379	2745705.658	7.873	SH
377	326945.951	2745602.839	9.420	MH
378	326941.950	2745657.461	9.880	SH
379	326960.277	2745654.280	9.765	SH
380	326939.260	2745678.173	9.910	SH

381	326945.899	2745756.299	10.721	SH
382	326975.488	2745516.863	8.797	TRIG
383	326959.429	2745503.811	8.599	MH
384	326964.512	2745527.986	8.906	TRACK
385	326949.843	2745525.090	8.072	TRACK
386	326937.333	2745513.914	7.736	TRACK
387	326938.620	2745511.273	7.553	TRACK
388	326938.240	2745510.265	6.487	SH
389	326945.383	2745516.839	7.715	TRACK
390	326954.420	2745523.708	8.074	TRACK
391	326965.344	2745526.754	8.918	TRACK
392	326966.250	2745480.376	8.443	SH
393	326968.086	2745485.315	8.246	SH
394	326965.930	2745468.159	8.013	SH
395	326981.986	2745482.144	8.253	SH
396	326982.132	2745497.175	8.599	SH
397	326982.982	2745474.908	8.130	SH
398	326958.524	2745478.253	5.708	SH
399	326942.066	2745479.161	4.293	SH
400	326954.661	2745467.965	4.665	SH
401	326966.072	2745458.983	8.264	SH
402	326928.066	2745467.368	4.052	SH
403	326936.571	2745431.521	4.122	SH
404	326961.073	2745435.910	5.504	SH
405	326969.115	2745442.125	8.222	SH
406	326972.346	2745440.946	7.714	SH
407	327014.327	2745445.713	5.473	STONE
408	326979.061	2745375.835	7.307	WASH
409	326980.814	2745376.012	7.433	WASH
410	326979.119	2745374.648	7.321	WASH
411	326971.838	2745404.335	7.480	MH
412	326969.505	2745397.283	4.444	WD
413	326968.477	2745399.988	4.571	WD
414	326961.267	2745388.952	5.009	WD
415	326958.186	2745390.662	4.574	WD
416	326950.589	2745371.941	4.481	WD
417	326947.695	2745373.645	4.274	WD
418	326949.257	2745372.744	4.053	BED
419	326942.867	2745403.768	4.149	WATER
420	326936.313	2745433.189	4.064	WATER
421	326948.791	2745453.518	4.145	WATER
422	326969.750	2745399.252	4.220	BED
423	326966.993	2745349.257	4.845	TRACK
424	326912.628	2745342.195	5.547	TRACK
425	327037.299	2745434.840	4.140	SH
426	327008.478	2745325.633	6.889	GATE
427	327008.116	2745325.420	6.901	GATE
428	326998.917	2745320.214	7.281	GATE
429	326998.527	2745320.005	7.296	GATE
430	327002.306	2745316.685	7.312	BARRIER
431	327010.576	2745321.289	6.900	BARRIER
432	327006.237	2745308.384	7.282	ROOM
433	327007.201	2745306.722	7.241	ROOM
434	327004.659	2745305.322	7.290	ROOM
435	327003.731	2745307.039	7.315	ROOM

436	327002.995	2745314.368	7.301	CHKPOST
437	327000.920	2745313.039	7.249	CHKPOST
438	326999.092	2745315.850	7.161	CHKPOST
439	327001.338	2745316.970	7.305	CHKPOST
440	327001.161	2745317.319	7.282	CHKPOST
441	326999.670	2745319.714	7.297	CHKPOST
442	326997.910	2745318.695	7.208	CHKPOST
443	326987.666	2745333.784	7.146	ROOM
444	326988.290	2745332.038	7.109	ROOM
445	326983.704	2745330.487	7.018	ROOM
446	326983.132	2745332.245	6.921	ROOM
447	326985.947	2745339.133	7.293	WALL
448	326977.542	2745336.776	7.073	WALL
449	326975.141	2745344.523	7.417	WALL
450	326983.728	2745346.922	6.367	WALL
451	326984.504	2745350.656	7.351	TRACK
452	326972.970	2745347.873	6.888	TRACK
453	326968.939	2745343.693	6.676	TRACK
454	326958.979	2745344.091	6.587	TRACK
455	326955.586	2745336.800	5.064	SH
456	326959.557	2745319.699	4.535	SH
457	326969.372	2745316.789	4.719	SH
458	326972.666	2745347.076	6.888	SH
459	326987.714	2745351.467	8.491	SH
460	326987.715	2745351.447	8.491	TRACK
461	326967.052	2745349.314	6.530	TRACK
462	326963.059	2745351.642	5.909	SH
463	326951.198	2745353.952	5.094	SH
464	326987.079	2745352.008	7.343	SH
465	326948.331	2745360.255	4.324	SH
466	326974.543	2745360.376	6.504	CONTAINER
467	326974.436	2745362.804	7.204	CONTAINER
468	326980.500	2745363.153	7.097	CONTAINER
469	326976.899	2745367.544	6.835	SH
470	326980.165	2745376.403	4.794	SB
471	326978.372	2745376.599	5.995	SB
472	327011.463	2745319.065	8.779	SB
473	327012.901	2745320.128	8.771	SB
474	327005.161	2745329.268	6.894	SB
475	326999.529	2745320.062	6.636	SB
476	326992.380	2745330.046	6.078	SB
477	327008.213	2745322.415	6.975	SB
478	327009.237	2745323.390	6.931	SB
479	326981.922	2745376.932	7.319	PIPE
480	326992.846	2745380.293	7.515	PIPE
481	326971.402	2745456.182	7.905	TRIG
482	326979.810	2745359.972	7.285	CHOKI
483	326979.980	2745358.603	7.216	CHOKI
484	326978.171	2745358.421	7.748	CHOKI
485	326980.349	2745336.952	7.000	SH
486	326986.324	2745328.439	6.717	SH
487	326968.527	2745318.416	4.860	SH
488	326974.793	2745303.598	4.251	SH
489	326973.168	2745320.052	5.024	SH
490	326950.516	2745316.065	3.900	SH

491	326944.427	2745335.377	4.922	SH
492	326929.349	2745329.527	3.947	SH
493	327047.822	2745300.419	3.822	SH
494	327020.312	2745323.264	3.932	SH
495	327060.415	2745312.544	3.716	SH
496	327064.617	2745332.676	3.764	SH
497	327059.872	2745351.254	3.783	SH
498	327024.260	2745342.121	3.788	SH
499	327011.993	2745339.437	3.881	SH
500	327013.429	2745356.440	3.859	SH
501	327027.077	2745362.958	3.873	SH
502	327049.298	2745364.324	3.851	SH
503	327010.840	2745337.587	4.027	SH
504	327019.381	2745361.494	3.804	SH
505	326955.546	2745307.553	3.870	SH
506	327011.240	2745318.744	6.926	SH
507	327020.231	2745314.302	6.766	SH
508	326940.447	2745755.423	10.765	PEG
509	326925.692	2745709.453	8.209	SH
510	326926.430	2745701.383	7.218	SH
511	326923.141	2745694.973	8.008	SH
512	326931.842	2745693.415	7.583	SH
513	326937.112	2745696.134	9.952	SH
514	326954.575	2745699.013	10.048	SH
515	326957.296	2745697.562	8.704	SH
516	326958.144	2745697.808	8.013	SH
517	326931.593	2745702.487	10.150	MH
518	326948.261	2745697.557	10.406	PEG
519	326955.043	2745646.039	10.016	PEG
520	326917.744	2745595.246	5.740	SH
521	326929.065	2745572.521	5.166	SH
522	326948.262	2745697.556	10.293	PEG
523	327006.857	2745323.126	6.843	KS
524	327000.583	2745319.943	7.175	KS
525	326991.721	2745340.678	7.144	KS
526	326998.369	2745342.738	6.888	KS
527	326993.064	2745368.200	7.170	KS
528	326943.813	2745734.952	10.635	KS
529	326987.029	2745367.514	7.192	KS
530	326947.659	2745739.929	10.438	KS
531	326949.292	2745744.477	10.412	KS
532	326980.978	2745406.210	7.437	KS
533	326954.180	2745749.678	10.325	KS
534	326987.823	2745407.465	7.525	KS
535	326960.139	2745754.058	10.256	KS
536	326970.597	2745757.050	10.141	KS
537	326979.879	2745474.944	8.065	KS
538	326983.634	2745757.528	10.026	KS
539	326972.535	2745473.665	8.113	KS
540	326996.238	2745755.349	9.897	KS
541	326997.830	2745767.835	9.904	KS
542	326964.631	2745529.000	8.793	KS
543	326971.876	2745530.701	8.828	KS
544	326980.118	2745773.109	10.145	KS
545	326958.094	2745784.723	10.453	KS

546	326957.644	2745633.195	9.720	KS
547	326944.438	2745795.559	10.735	KS
548	326950.946	2745632.432	9.657	KS
549	326938.665	2745799.756	10.978	KS
550	326932.632	2745802.584	11.216	KS
551	326937.226	2745780.911	10.894	KS
552	326942.757	2745783.780	10.873	KS
553	326930.089	2745783.381	10.820	KS
554	326936.750	2745784.503	10.898	KS
555	326952.685	2745780.872	10.594	KS
556	326934.503	2745796.482	11.080	KS
557	326928.103	2745795.893	10.963	KS
558	326965.613	2745772.103	10.396	KS
559	326923.842	2745811.474	11.123	KS
560	326928.265	2745812.987	11.282	KS
561	326979.149	2745765.444	10.215	KS
562	326924.357	2745821.468	11.307	KS
563	326920.969	2745820.833	11.226	KS
564	326966.175	2745763.282	10.405	KS
565	326921.709	2745827.810	11.436	KS
566	326956.511	2745760.100	10.435	KS
567	326949.116	2745754.756	10.531	KS
568	326944.716	2745750.724	10.525	KS
569	326941.994	2745747.165	10.634	KS
570	326931.087	2745768.267	10.460	SH
571	326926.116	2745770.222	8.624	SH
572	326922.058	2745771.809	7.515	SH
573	326940.546	2745782.435	10.805	SH
574	326940.315	2745762.421	10.721	SH
575	326944.929	2745761.196	10.469	SH
576	326963.446	2745764.771	10.320	SH
577	326956.671	2745748.232	10.149	SH
578	326915.325	2745858.433	11.847	SH
579	326932.155	2745835.554	11.627	SH
580	326922.020	2745856.877	10.392	WT
581	326924.272	2745857.505	10.241	WT
582	326924.093	2745859.070	10.262	WT
583	326924.910	2745859.251	10.192	WT
584	326924.436	2745862.022	10.063	WT
585	326921.597	2745861.468	10.276	WT
586	326922.098	2745858.681	10.656	WT
587	326913.694	2745851.810	11.823	TRACK
588	326918.978	2745853.306	11.437	TRACK
589	326924.153	2745855.040	10.269	TRACK
590	326931.123	2745859.256	9.310	TRACK
591	326932.162	2745855.824	9.269	TRACK
592	326927.557	2745853.308	9.840	TRACK
593	326921.496	2745850.272	11.272	TRACK
594	326916.271	2745846.785	11.690	TRACK
595	326922.417	2745852.672	10.846	SH
596	326930.088	2745856.779	9.469	SH
597	326928.569	2745863.744	9.293	SH
598	326922.062	2745866.279	9.637	SH
599	326980.793	2745776.495	9.903	DR
600	326986.518	2745776.658	9.878	DR

601	326985.939	2745775.646	9.372	BED
602	326979.262	2745776.973	9.927	DR
603	326980.372	2745778.861	9.972	DR
604	326970.443	2745781.495	10.058	DR
605	326971.568	2745782.777	10.104	DR
606	326960.749	2745787.509	10.151	DR
607	326961.812	2745788.573	10.181	DR
608	326951.318	2745794.416	10.325	DR
609	326951.369	2745795.960	10.430	DR
610	326950.530	2745796.015	9.795	BED
611	326941.616	2745803.305	10.697	DR
612	326942.547	2745804.381	10.689	DR
613	326937.126	2745809.359	10.951	DR
614	326939.027	2745810.189	10.897	DR
615	326934.812	2745819.755	11.257	DR
616	326932.603	2745818.964	11.293	DR
617	326932.797	2745819.164	10.288	BED
618	326934.217	2745819.799	10.238	BED
619	326921.650	2745844.147	11.568	DR
620	326919.960	2745843.215	11.564	DR
621	326917.907	2745861.927	10.475	SH
622	326914.051	2745876.720	11.907	SH
623	326914.634	2745876.820	10.003	SH
624	326922.321	2745858.502	10.614	FAN
625	326923.135	2745858.704	10.425	FAN
626	326940.438	2745755.440	10.711	PEG
627	326892.845	2746017.673	18.281	SH
628	326915.285	2745831.928	11.447	KS
629	326900.108	2745874.795	12.222	KS
630	326900.581	2745887.397	12.397	KS
631	326905.963	2745887.477	12.552	KS
632	326905.792	2745906.030	13.154	KS
633	326908.347	2745905.718	13.293	KS
634	326909.769	2745876.626	12.082	DR
635	326911.367	2745876.333	12.032	DR
636	326911.218	2745876.620	11.522	BED
637	326905.412	2745880.830	12.214	KS
638	326899.935	2745880.743	12.191	KS
639	326892.976	2745949.808	18.206	PEG
640	326877.217	2746097.704	19.455	SH
641	326880.553	2746095.032	19.567	SH
642	326915.916	2745922.415	13.745	DR
643	326905.951	2745905.854	13.169	KS
644	326916.817	2745922.048	12.719	BED
645	326924.131	2745933.775	14.270	DR
646	326923.229	2745934.647	13.056	BED
647	326922.369	2745934.868	14.210	DR
648	326923.934	2745940.990	14.327	DR
649	326925.265	2745944.453	14.460	DR
650	326928.743	2745950.926	14.962	DR
651	326929.699	2745952.453	15.154	DR
652	326930.947	2745954.073	15.329	DR
653	326933.991	2745957.131	15.745	DR
654	326937.601	2745958.973	16.058	DR
655	326941.239	2745960.224	16.378	DR

656	326946.366	2745961.328	16.774	DR
657	326963.300	2745962.700	17.844	DR
658	326963.153	2745961.894	16.420	BED
659	326933.448	2745914.432	15.351	SH
660	326939.305	2745924.877	16.560	SH
661	326945.483	2745925.969	16.493	SH
662	326946.106	2745935.516	16.428	SH
663	326938.855	2745946.862	16.021	SH
664	326930.312	2745955.161	15.182	WPL
665	326932.766	2745957.395	15.383	WPL
666	326936.430	2745959.393	15.630	WPL
667	326940.679	2745961.317	16.014	WPL
668	326946.931	2745962.592	16.586	WPL
669	326954.934	2745963.613	17.157	WPL
670	326961.544	2745964.136	17.670	WPL
671	326965.630	2745964.079	17.925	WPL
672	326961.692	2745965.123	18.135	MH
673	326963.077	2745965.103	18.164	MH
674	326963.221	2745963.719	18.135	MH
675	326962.594	2745964.664	17.182	V
676	326967.174	2745981.340	18.025	DR
677	326967.324	2745982.242	16.492	BED
678	326961.486	2745982.601	17.715	DR
679	326949.656	2745985.448	17.133	DR
680	326942.686	2745987.664	16.790	DR
681	326939.908	2745988.593	16.706	DR
682	326935.075	2745990.937	16.501	DR
683	326931.026	2745993.673	16.329	DR
684	326929.177	2745994.943	16.230	DR
685	326925.299	2745997.999	16.073	DR
686	326921.964	2746001.853	15.930	DR
687	326918.734	2746006.258	16.066	DR
688	326915.623	2746012.428	16.304	DR
689	326914.639	2746015.254	16.429	DR
690	326914.292	2746018.935	16.520	DR
691	326916.386	2746019.528	16.478	DR
692	326915.360	2746019.194	15.672	BED
693	326915.391	2746019.152	15.678	BED
694	326911.415	2746068.338	17.572	SH
695	326920.371	2746065.394	17.099	SH
696	326940.118	2746069.625	16.491	SH
697	326970.234	2746062.720	16.251	SH
698	326981.777	2746081.752	16.826	SH
699	327004.080	2746080.479	18.128	SH
700	326907.926	2745859.698	11.949	KS
701	326904.104	2745857.689	11.901	KS
702	326900.226	2745878.502	12.268	KS
703	326906.065	2745879.386	12.305	KS
704	326906.347	2745889.788	12.685	KS
705	326901.078	2745890.674	12.631	KS
706	326904.675	2745910.947	13.294	KS
707	326909.195	2745911.287	13.460	KS
708	326912.267	2745928.362	14.068	KS
709	326907.350	2745929.305	14.040	KS
710	326907.495	2745944.455	14.523	KS

711	326913.856	2745947.166	14.776	KS
712	326911.057	2745973.493	15.414	KS
713	326904.288	2745972.767	15.461	KS
714	326900.705	2746002.518	16.339	KS
715	326906.510	2746004.538	16.435	KS
716	326903.686	2746033.701	17.389	KS
717	326896.943	2746033.141	17.401	KS
718	326871.735	2746145.727	21.430	SH
719	326898.109	2746169.389	23.334	SH
720	326865.700	2746213.231	21.188	SW
721	326865.975	2746212.317	21.186	SW
722	326866.342	2746212.234	21.150	SW
723	326864.203	2746212.895	21.233	WPL
724	326864.458	2746211.814	21.208	WPL
725	326922.493	2746123.522	21.006	SH
726	326946.873	2746137.726	20.125	SH
727	326975.494	2746142.163	18.632	SH
728	326915.578	2746097.887	21.571	SH
729	326921.686	2746082.982	17.583	SH
730	326879.759	2746114.599	21.399	SH
731	326882.090	2746113.948	20.334	SH
732	326872.033	2746107.414	20.811	SH
733	326878.072	2746107.074	19.480	SH
734	326842.001	2746109.012	18.966	SH
735	326904.882	2746123.523	22.165	SH
736	326878.909	2746144.965	22.022	SH
737	326881.442	2746142.015	20.913	SH
738	326813.306	2746078.777	12.989	SH
739	326913.149	2746105.109	22.427	PEG
740	326857.808	2746274.810	23.045	MH
741	326854.513	2746288.765	23.091	MH
742	326834.295	2746268.591	22.703	SH
743	326825.103	2746274.715	22.802	SH
744	326819.688	2746271.756	24.610	SH
745	326910.211	2746303.546	23.665	SH
746	326881.916	2746279.596	24.010	SH
747	326873.829	2746280.743	22.673	SH
748	326893.117	2746114.441	20.204	KS
749	326852.978	2746304.148	23.334	MH
750	326882.774	2746143.203	21.076	KS
751	326888.940	2746145.064	21.176	KS
752	326884.823	2746174.215	21.834	KS
753	326878.090	2746173.917	21.778	KS
754	326850.280	2746318.954	23.369	MH
755	326847.248	2746324.983	23.672	MH
756	326847.171	2746327.653	23.120	WPL
757	326845.839	2746348.214	23.601	MH
758	326849.721	2746288.130	24.155	PEG
759	326869.531	2746376.004	23.075	BUSH
760	326841.479	2746377.536	23.555	MH
761	326840.054	2746376.261	23.179	WPL
762	326839.804	2746392.861	24.212	MH
763	326842.066	2746423.994	24.208	KS
764	326784.630	2746445.613	23.566	GATE
765	326785.345	2746440.642	23.579	GATE

766	326786.084	2746435.548	24.571	WALL
767	326784.098	2746448.386	23.932	WALL
768	326774.557	2746518.533	23.875	WALL
769	326831.504	2746452.090	24.393	MH
770	326841.866	2746540.367	25.134	ROOM
771	326843.699	2746540.498	25.188	ROOM
772	326843.840	2746536.427	25.597	ROOM
773	326842.077	2746536.223	24.917	ROOM
774	326822.804	2746602.691	25.766	PEG
775	326762.704	2746601.664	25.720	WALL
776	326804.188	2746618.576	25.422	WPL
777	326802.112	2746630.003	25.452	MH
778	326799.275	2746670.273	26.152	MH
779	326813.041	2746671.555	26.453	PEG
780	326803.003	2746872.240	28.213	WALL
781	326764.161	2746982.672	28.829	PEG
782	326766.356	2747057.702	29.539	LP
783	326761.878	2747092.310	29.700	LP
784	326757.264	2747126.802	29.960	LP
785	326752.738	2747161.560	30.278	LP
786	326748.181	2747196.231	30.611	LP
787	326711.561	2746995.640	28.484	ROOM
788	326714.852	2746996.032	28.535	ROOM
789	326715.045	2746994.522	28.502	ROOM
790	326716.806	2746994.712	28.528	ROOM
791	326717.012	2746992.950	29.097	ROOM
792	326725.954	2746988.271	29.324	CHKPOST
793	326783.323	2747005.706	27.744	WALL
794	326779.837	2747053.534	29.120	WALL
795	326811.875	2747053.382	29.623	WALL
796	326749.189	2747062.584	27.542	SH
797	326757.991	2746952.834	26.724	MH
798	326721.690	2747063.970	25.148	SH
799	326762.223	2746992.622	28.699	KS
800	326721.702	2747020.220	25.062	SH
801	326720.351	2747009.140	26.475	SH
802	326736.827	2747010.859	26.870	SH
803	326742.155	2747023.929	25.476	SH
804	326758.886	2747017.402	28.922	KS
805	326758.787	2747015.426	28.855	KS
806	326756.566	2747013.716	28.405	KS
807	326751.793	2747011.786	27.969	KS
808	326723.179	2747007.173	26.568	KS
809	326724.450	2747000.203	26.689	KS
810	326748.038	2747003.627	27.432	KS
811	326756.455	2747004.883	28.185	KS
812	326759.288	2747004.085	28.473	KS
813	326760.983	2747003.100	28.658	KS
814	326804.050	2747074.449	25.819	SH
815	326740.539	2747087.726	26.703	SH
816	326733.325	2747123.349	26.959	SH
817	326728.352	2747106.887	26.014	SH
818	326761.976	2747145.112	28.012	BUSH
819	326760.723	2747168.532	28.466	BUSH
820	326760.139	2747194.608	29.454	BUSH

821	326734.469	2747289.321	30.628	PEG
822	326743.535	2747231.106	31.676	LP
823	326739.058	2747265.652	31.940	LP
824	326734.488	2747300.299	32.212	LP
825	326729.927	2747335.008	32.465	LP
826	326748.222	2747273.300	31.331	SH
827	326751.120	2747278.695	30.577	SH
828	326663.299	2747330.894	30.002	WALL
829	326653.662	2747427.803	30.595	WALL
830	326647.723	2747473.565	31.062	WALL
831	326721.022	2747531.082	31.747	WALL
832	326713.217	2747531.164	31.761	WALL
833	326712.323	2747536.461	31.823	PILLAR
834	326703.119	2747527.284	32.359	PEG
835	326712.537	2747531.118	31.730	PILLAR
836	326711.065	2747544.191	31.682	WALL
837	326712.485	2747545.491	31.588	WALL
838	326711.184	2747553.387	31.592	WALL
839	326709.477	2747554.185	31.750	WALL
840	326697.408	2747630.560	32.433	WALL
841	326696.764	2747640.295	32.444	WALL
842	326695.028	2747641.435	32.438	WALL
843	326694.088	2747646.537	32.593	WALL
844	326692.630	2747646.532	33.020	PILLAR
845	326656.837	2747801.365	34.466	PEG
846	326651.622	2747833.422	34.682	KS
847	326657.129	2747889.290	33.629	LP
848	326652.543	2747923.893	33.666	LP
849	326650.143	2747953.861	33.749	LP
850	326594.111	2747875.732	30.439	WALL
851	326642.178	2747904.563	35.201	KS
852	326652.484	2747919.144	35.280	KS
853	326650.582	2747936.180	35.326	KS
854	326638.610	2747933.998	35.242	KS
855	326649.726	2747948.409	35.322	KS
856	326637.415	2747956.130	35.233	KS
857	326649.353	2747967.806	35.272	KS
858	326637.278	2747971.265	35.155	KS
859	326636.740	2747981.324	35.158	KS
860	326648.911	2747981.742	35.236	KS
861	326634.028	2747998.437	35.260	KS
862	326647.348	2747992.802	35.265	KS
863	326630.171	2748010.472	35.267	KS
864	326644.797	2748005.530	35.216	KS
865	326643.076	2748010.509	35.208	KS
866	326640.024	2748018.305	35.272	KS
867	326637.326	2748025.017	35.231	KS
868	326618.328	2748082.854	35.120	PEG
869	326642.689	2748013.223	34.063	LP
870	326631.464	2748040.847	34.365	LP
871	326612.493	2748051.191	34.700	LP
872	326618.640	2748085.984	36.391	LP
873	326632.823	2747972.881	35.200	SH
874	326628.234	2747994.855	35.135	SH
875	326622.529	2748004.161	35.522	SH

876	326628.648	2748004.037	34.672	SH
877	326631.554	2747994.174	34.645	SH
878	326635.611	2747973.174	35.098	SH
879	326570.857	2748002.928	30.154	SH
880	326597.098	2748003.428	32.996	SH
881	326621.427	2748010.979	35.603	SH
882	326617.717	2748018.518	35.274	SH
883	326617.740	2748023.908	35.427	SH
884	326620.270	2748026.423	34.891	SH
885	326625.865	2748013.291	34.693	SH
886	326632.655	2748000.289	35.478	MH
887	326628.262	2747982.841	34.173	BUSH
888	326661.314	2747985.881	34.475	SH
889	326616.787	2747983.230	33.704	SH
890	326611.652	2747983.502	33.196	SH
891	326609.497	2747983.428	34.111	SH
892	326666.751	2747984.053	34.288	SH
893	326680.906	2747986.386	34.301	SH
894	326631.297	2748007.447	35.186	SH
895	326653.856	2748002.077	35.019	SH
896	326645.465	2748019.618	35.046	SH
897	326645.248	2748024.128	34.803	SH
898	326649.716	2748023.488	32.939	SH
899	326654.850	2748024.289	32.620	SH
900	326579.042	2747999.375	30.401	SH
901	326648.875	2748026.164	32.935	SH
902	326576.594	2748008.556	30.160	SH
903	326583.772	2748018.125	30.159	SH
904	326583.705	2748033.538	30.117	SH
905	326586.780	2748046.561	30.127	SH
906	326618.593	2748008.648	34.446	SH
907	326604.653	2748030.871	30.945	SH
908	326610.992	2748029.007	31.872	SH
909	326611.571	2748023.776	31.709	SH
910	326617.647	2748014.467	33.981	SH
911	326603.817	2748021.455	30.731	SH
912	326606.933	2748013.844	32.048	SH
913	326644.567	2748054.155	54.001	CHL
914	326646.712	2748063.006	53.520	CHL
915	326619.300	2748065.048	50.303	CHL
916	326614.505	2748056.383	51.287	CHL
917	326625.768	2748018.854	35.040	MH
918	326636.356	2747985.615	35.184	KS
919	326659.160	2747979.229	34.222	WT
920	326659.088	2747982.605	34.664	WT
921	326656.299	2747978.752	34.122	WT
922	326633.910	2747999.100	35.198	KS
923	326632.140	2748005.258	35.184	KS
924	326624.283	2748024.727	35.150	KS
925	326637.332	2748024.864	35.154	KS
926	326617.298	2748041.560	35.150	KS
927	326615.277	2748047.339	35.134	KS
928	326630.133	2748042.157	35.126	KS
929	326613.916	2748050.494	35.127	KS
930	326613.683	2748050.443	35.210	KS

931	326626.592	2748050.999	35.153	KS
932	326611.727	2748053.578	35.185	KS
933	326625.752	2748054.423	35.178	KS
934	326608.016	2748057.602	35.091	KS
935	326625.625	2748057.953	35.180	KS
936	326625.867	2748060.792	35.207	KS
937	326626.201	2748062.643	35.246	KS
938	326627.577	2748062.320	35.296	SH
939	326633.261	2748043.209	33.945	SH
940	326631.578	2748047.917	34.592	SH
941	326631.049	2748048.323	34.864	DARGAH
942	326639.010	2748048.216	34.136	DARGAH
943	326639.549	2748059.133	34.570	DARGAH
944	326639.230	2748046.681	33.925	SH
945	326640.804	2748047.812	34.095	SH
946	326641.486	2748051.010	34.155	SH
947	326632.067	2748050.923	35.462	SOLER
948	326628.583	2747965.433	45.786	CHL
949	326629.167	2747974.616	45.948	CHL
950	326696.562	2747975.394	50.958	CHL
951	326696.678	2747966.219	51.012	CHL
952	326694.056	2747968.038	38.070	PY
953	326694.117	2747973.255	38.758	PY
954	326699.326	2747973.423	38.042	PY
955	326669.553	2748054.200	40.819	PY
956	326664.491	2748054.585	40.828	PY
957	326664.703	2748059.806	39.219	PY
958	326631.737	2748007.972	35.222	PEG
959	326640.010	2748067.269	35.363	CHOKI
960	326640.099	2748068.952	36.171	CHOKI
961	326641.882	2748068.957	36.178	CHOKI
962	326641.991	2748070.437	36.125	CHOKI
963	326645.312	2748070.188	36.600	CHOKI
964	326650.629	2748080.862	34.556	LP
965	326594.282	2748085.933	34.807	LP
966	326553.168	2748085.578	35.230	LP
967	326612.441	2748051.312	35.737	LP
968	326617.422	2748040.151	34.126	BRIDGE
969	326616.386	2748043.259	34.133	BRIDGE
970	326613.773	2748050.329	33.919	BRIDGE
971	326611.756	2748053.508	33.804	BRIDGE
972	326610.812	2748054.723	33.770	BRIDGE
973	326607.685	2748057.822	33.662	BRIDGE
974	326604.550	2748059.964	33.660	BRIDGE
975	326599.404	2748061.351	33.636	BRIDGE
976	326593.959	2748061.749	33.680	BRIDGE
977	326552.888	2748061.396	34.037	BRIDGE
978	326618.132	2748085.847	33.675	BRIDGE
979	326594.707	2748085.705	33.639	BRIDGE
980	326553.391	2748085.286	33.737	BRIDGE
981	326589.523	2748113.597	30.382	SH
982	326576.571	2748144.338	30.633	SH
983	326610.688	2748092.121	34.996	SH
984	326616.076	2748089.221	35.029	SH
985	326618.631	2748089.444	35.084	SH

986	326606.918	2748102.792	34.707	SH
987	326607.835	2748107.094	35.267	SH
988	326609.096	2748121.747	34.909	SH
989	326604.360	2748145.480	34.923	SH
990	326641.782	2748092.196	35.069	SH
991	326636.040	2748095.772	35.328	SH
992	326630.861	2748089.466	34.974	SH
993	326660.064	2748086.674	35.099	SH
994	326655.974	2748081.000	35.247	SH
995	326632.312	2748099.740	35.107	SH
996	326626.488	2748102.129	35.127	SH
997	326626.386	2748064.403	35.217	KS
998	326626.250	2748064.333	35.228	KS
999	326630.350	2748063.482	35.204	KS
1000	326634.157	2748061.993	34.657	KS
1001	326637.573	2748060.707	34.217	KS
1002	326638.742	2748063.106	34.229	KS
1003	326635.865	2748064.821	34.656	KS
1004	326634.403	2748067.837	35.174	KS
1005	326636.314	2748070.334	35.184	KS
1006	326640.846	2748071.093	35.185	KS
1007	326648.827	2748070.484	35.103	KS
1008	326651.702	2748080.251	35.001	KS
1009	326649.334	2748080.332	34.961	MH
1010	326641.141	2748081.047	35.077	KS
1011	326634.508	2748084.818	35.096	KS
1012	326628.186	2748089.417	35.084	KS
1013	326627.177	2748092.983	35.106	KS
1014	326597.173	2748073.738	35.155	MD
1015	326558.612	2748073.538	35.997	MD
1016	326620.567	2748136.465	34.891	KS
1017	326614.747	2748133.300	34.880	KS
1018	326619.870	2748087.055	35.192	KS
1019	326619.175	2748085.904	35.138	KS
1020	326618.534	2748089.287	34.994	SP
1021	326619.164	2748089.309	35.112	SP
1022	326619.077	2748086.516	35.159	SP
1023	326618.332	2748082.870	35.113	PEG
1024	326609.737	2748090.046	33.971	SH
1025	326605.846	2748095.370	32.560	SH
1026	326601.311	2748095.267	30.686	SH
1027	326597.497	2748096.907	30.277	SH
1028	326585.718	2748096.877	30.284	SH
1029	326605.805	2748123.884	32.489	SH
1030	326594.551	2748144.014	30.520	SH
1031	326608.169	2748090.428	33.312	SH
1032	326618.322	2748082.870	35.112	PEG
1033	326673.569	2748279.776	28.190	TOE
1034	326621.367	2748278.010	30.828	TOE
1035	326619.720	2748281.702	34.999	TOP
1036	326660.506	2748286.930	34.207	TOP
1037	326618.325	2748082.870	35.115	PEG
1038	326606.381	2748310.507	35.398	SH
1039	326625.191	2748310.340	35.287	SH
1040	326618.679	2748299.386	35.078	SH

1041	326653.037	2748082.851	35.122	PEG
1042	326598.953	2748362.302	35.786	MH
1043	326592.341	2748362.412	35.626	MH
1044	326592.365	2748372.061	35.629	MH
1045	326598.935	2748372.074	35.588	MH
1046	326592.496	2748386.709	35.939	MH
1047	326598.678	2748386.632	36.154	MH
1048	326600.926	2748360.573	36.141	SH
1049	326613.189	2748353.845	35.924	SH
1050	326639.380	2748356.393	35.994	SH
1051	326601.749	2748366.308	35.160	SH
1052	326596.389	2748363.688	35.983	SH
1053	326593.866	2748366.534	35.917	SH
1054	326590.741	2748367.379	35.367	SH
1055	326591.012	2748359.736	35.943	SH
1056	326593.631	2748356.807	35.986	SH
1057	326592.654	2748351.829	35.928	SH
1058	326584.461	2748340.442	35.849	SH
1059	326584.412	2748350.941	35.904	SH
1060	326581.321	2748356.933	35.907	SH
1061	326572.944	2748355.246	35.572	SH
1062	326597.324	2748276.382	35.474	KS
1063	326601.647	2748275.994	35.446	KS
1064	326596.347	2748319.061	35.709	KS
1065	326591.797	2748319.208	35.729	KS
1066	326591.287	2748339.787	35.955	KS
1067	326595.702	2748340.667	35.740	KS
1068	326596.709	2748351.611	35.850	KS
1069	326592.827	2748352.629	35.929	KS
1070	326593.508	2748359.804	35.940	KS
1071	326598.399	2748360.520	36.023	KS
1072	326585.356	2748373.000	33.797	SH
1073	326581.988	2748371.959	33.426	SH
1074	326576.584	2748375.900	34.628	SH
1075	326572.908	2748373.518	34.933	SH
1076	326575.464	2748364.768	34.975	SH
1077	326587.362	2748364.339	34.964	SH
1078	326564.981	2748384.699	34.714	SH
1079	326591.420	2748378.137	34.999	SH
1080	326593.956	2748376.815	35.975	SH
1081	326614.628	2748399.828	34.554	SH
1082	326609.187	2748373.879	35.372	SH
1083	326619.202	2748371.851	35.323	SH
1084	326617.609	2748364.307	35.107	SH
1085	326573.673	2748335.869	32.306	SH
1086	326579.323	2748339.212	34.883	SH
1087	326580.446	2748345.387	35.999	SH
1088	326569.582	2748342.101	31.530	SH
1089	326561.340	2748340.773	31.726	SH
1090	326631.806	2748356.142	35.987	TRACK
1091	326631.472	2748359.425	36.026	TRACK
1092	326619.103	2748360.142	35.989	TRACK
1093	326618.620	2748356.477	35.979	TRACK
1094	326607.733	2748356.172	35.914	TRACK
1095	326607.161	2748360.752	35.818	TRACK

1096	326598.708	2748360.289	36.027	TRACK
1097	326599.049	2748355.265	35.924	TRACK
1098	326583.753	2748335.102	36.278	BUSH
1099	326580.344	2748353.479	36.157	BUSH
1100	326591.830	2748368.200	36.217	BUSH
1101	326591.969	2748380.682	36.493	BUSH
1102	326600.528	2748363.155	36.291	BUSH
1103	326599.052	2748370.388	36.046	BUSH
1104	326598.835	2748375.244	36.360	BUSH
1105	326593.657	2748383.053	38.625	KS
1106	326597.295	2748383.426	36.122	KS
1107	326595.300	2748362.109	35.908	PEG
1108	326598.995	2748430.477	36.457	MH
1109	326594.210	2748431.710	36.452	SH
1110	326592.580	2748430.111	36.239	MH
1111	326618.500	2748466.153	36.088	SH
1112	326623.727	2748459.741	35.965	SH
1113	326576.398	2748454.488	35.432	SH
1114	326570.401	2748458.090	35.414	SH
1115	326623.895	2748442.572	35.905	SH
1116	326568.820	2748464.997	35.564	SH
1117	326613.720	2748429.409	35.841	SH
1118	326571.827	2748476.838	35.706	SH
1119	326620.574	2748426.715	35.218	SH
1120	326620.566	2748426.775	35.211	SH
1121	326599.710	2748473.337	36.794	MH
1122	326593.161	2748474.363	36.771	MH
1123	326619.481	2748469.448	36.182	SH
1124	326598.367	2748483.563	36.850	KS
1125	326599.336	2748486.929	37.010	KS
1126	326562.896	2748459.754	36.233	MH
1127	326601.504	2748489.215	37.013	KS
1128	326605.511	2748489.357	37.028	KS
1129	326624.604	2748488.307	36.534	KS
1130	326624.455	2748492.883	37.082	KS
1131	326600.750	2748493.178	36.984	KS
1132	326598.653	2748494.227	37.003	KS
1133	326598.208	2748500.564	36.819	KS
1134	326595.192	2748500.755	36.963	KS
1135	326594.588	2748498.221	36.987	KS
1136	326593.578	2748495.952	37.007	KS
1137	326591.257	2748494.022	36.996	KS
1138	326562.070	2748493.776	36.790	KS
1139	326561.395	2748501.666	36.675	KS
1140	326559.087	2748502.206	36.727	KS
1141	326558.176	2748495.918	36.682	KS
1142	326557.111	2748493.867	36.724	KS
1143	326547.358	2748494.386	36.708	KS
1144	326547.462	2748489.100	36.618	KS
1145	326556.632	2748488.825	36.709	KS
1146	326561.124	2748488.931	36.786	KS
1147	326557.110	2748484.635	36.633	KS
1148	326558.176	2748393.773	35.675	KS
1149	326560.774	2748394.042	35.794	KS
1150	326561.446	2748489.079	36.790	KS

1151	326587.595	2748488.614	36.859	KS
1152	326591.147	2748487.526	36.783	KS
1153	326593.817	2748485.286	36.787	KS
1154	326594.345	2748479.471	36.659	KS
1155	326628.411	2748523.441	36.581	SH
1156	326617.110	2748530.437	36.574	SH
1157	326608.721	2748520.414	36.453	SH
1158	326599.067	2748499.945	36.996	MH
1159	326593.895	2748499.519	36.783	MH
1160	326585.092	2748515.259	36.100	SH
1161	326578.759	2748520.902	36.055	SH
1162	326585.223	2748526.664	36.178	SH
1163	326577.339	2748531.665	36.212	SH
1164	326595.295	2748484.956	36.899	PEG
1165	326648.438	2748559.119	37.322	MH
1166	326599.649	2748589.968	37.360	MH
1167	326594.180	2748589.142	37.321	MH
1168	326594.151	2748603.770	37.398	MH
1169	326564.210	2748604.580	36.588	MH
1170	326600.406	2748619.310	36.793	MH
1171	326593.754	2748618.603	36.685	MH
1172	326562.613	2748629.352	37.490	KS
1173	326559.462	2748630.128	37.458	KS
1174	326554.480	2748630.888	37.463	KS
1175	326554.250	2748634.239	37.423	KS
1176	326653.514	2748621.300	37.656	KS
1177	326650.895	2748620.885	37.581	KS
1178	326570.556	2748635.015	37.614	KS
1179	326650.583	2748629.948	37.779	KS
1180	326595.608	2748630.163	37.674	KS
1181	326599.015	2748630.517	37.670	KS
1182	326603.348	2748634.370	37.645	KS
1183	326603.481	2748631.274	37.677	KS
1184	326597.289	2748615.468	37.567	PEG
1185	326561.755	2748646.157	36.826	SH
1186	326606.585	2748645.574	37.258	SH
1187	326558.525	2748655.940	37.046	SH
1188	326635.150	2748639.763	37.106	SH
1189	326660.445	2748647.232	37.192	SH
1190	326541.200	2748673.219	36.905	SH
1191	326707.072	2748654.996	37.270	SH
1192	326549.707	2748692.176	37.101	SH
1193	326702.366	2748679.738	37.513	SH
1194	326695.914	2748709.083	37.576	SH
1195	326549.512	2748729.108	37.476	SH
1196	326672.114	2748737.907	37.789	SH
1197	326576.171	2748738.564	38.005	SH
1198	326657.458	2748745.392	37.736	SH
1199	326644.032	2748767.926	40.271	SIGNAL
1200	326631.809	2748767.609	39.688	BOX
1201	326675.650	2748766.732	39.722	PILLAR
1202	326636.050	2748749.883	37.704	SH
1203	326682.062	2748770.012	39.616	RAIL
1204	326682.095	2748771.967	39.610	RAIL
1205	326682.121	2748774.723	39.660	RAIL

1206	326682.054	2748776.477	39.653	RAIL
1207	326527.510	2748777.659	39.906	RAIL
1208	326527.427	2748775.800	39.921	RAIL
1209	326527.636	2748772.925	39.828	RAIL
1210	326527.389	2748771.024	39.852	RAIL
1211	326526.829	2748774.154	39.712	SH
1212	326527.344	2748769.164	39.382	TOE
1213	326527.574	2748766.781	38.718	TOE
1214	326526.585	2748779.888	39.121	TOE
1215	326526.779	2748781.971	38.831	TOE
1216	326621.392	2748773.686	39.649	SH
1217	326621.226	2748768.659	39.247	TOE
1218	326621.309	2748779.496	38.932	TOE
1219	326621.371	2748766.223	38.864	TOE
1220	326621.500	2748783.222	38.229	TOE
1221	326684.540	2748773.210	39.468	SH
1222	326684.065	2748767.680	39.050	TOE
1223	326683.926	2748765.316	38.581	TOE
1224	326684.989	2748778.906	38.960	TOE
1225	326685.305	2748780.990	38.783	TOE
1226	326662.277	2748759.248	37.587	SH
1227	326621.536	2748744.477	37.715	SH
1228	326660.920	2748738.217	37.669	SH
1229	326588.508	2748738.563	37.677	SH
1230	326650.588	2748718.076	37.494	SH
1231	326576.129	2748727.420	37.616	SH
1232	326598.806	2748703.781	37.423	SH
1233	326591.385	2748700.506	37.640	SH
1234	326674.049	2748666.740	37.309	SH
1235	326621.889	2748704.402	37.564	SH
1236	326635.991	2748673.770	37.374	SH
1237	326598.992	2748681.603	37.443	SH
1238	326630.189	2748657.590	37.248	SH
1239	326616.688	2748680.408	37.448	SH
1240	326604.617	2748667.707	37.361	SH
1241	326602.117	2748652.259	37.278	SH
1242	326606.610	2748642.166	37.120	SH
1243	326601.690	2748635.293	37.412	SH
1244	326615.919	2748643.411	37.200	SH
1245	327497.037	2746980.972	29.696	TRIG
1246	327452.840	2746953.407	31.222	GATE
1247	327459.680	2746953.372	31.128	GATE
1248	327524.564	2746952.994	31.037	GATE
1249	327533.730	2746953.226	30.383	GATE
1250	327534.892	2746953.146	30.393	GATE
1251	327536.225	2746953.145	30.404	GATE
1252	327493.163	2746957.212	29.188	C
1253	327570.745	2746989.364	29.591	KS
1254	327571.731	2746990.077	29.545	KS
1255	327574.594	2746992.909	29.455	KS
1256	327575.950	2747005.549	29.467	KS
1257	327564.281	2747003.473	29.844	WALL
1258	327582.184	2747008.923	29.468	KS
1259	327583.089	2746997.667	29.321	KS
1260	327586.033	2746990.962	29.514	KS

1261	327589.517	2746989.762	29.548	KS
1262	327591.453	2746989.178	29.605	KS
1263	327595.567	2747002.997	29.891	WALL
1264	327590.919	2747002.998	29.718	MH
1265	327585.725	2746994.710	29.485	C
1266	327567.560	2746996.866	29.991	MH
1267	327569.860	2747002.265	29.770	MH
1268	327568.735	2746980.467	29.686	KS
1269	327569.716	2746979.522	29.690	KS
1270	327570.186	2746978.355	29.756	KS
1271	327570.102	2746977.036	29.766	KS
1272	327568.853	2746976.434	29.788	KS
1273	327591.129	2746980.461	29.718	KS
1274	327589.643	2746979.893	29.702	KS
1275	327588.927	2746978.826	29.693	KS
1276	327588.767	2746977.783	29.678	KS
1277	327589.315	2746976.818	29.647	KS
1278	327591.363	2746976.436	29.634	KS
1279	327566.331	2746967.451	29.660	KS
1280	327567.373	2746966.644	29.648	KS
1281	327567.974	2746965.173	29.620	KS
1282	327568.086	2746964.297	29.523	KS
1283	327570.800	2746960.891	29.283	KS
1284	327572.169	2746957.180	29.300	KS
1285	327582.963	2746951.683	29.411	KS
1286	327582.660	2746960.053	29.361	KS
1287	327584.511	2746965.636	29.554	KS
1288	327589.468	2746967.868	29.631	KS
1289	327563.487	2746952.999	30.739	WALL
1290	327598.607	2746953.136	29.929	WALL
1291	327595.688	2746949.768	29.913	WALL
1292	327624.917	2746999.798	30.090	MH
1293	327594.830	2746998.855	28.395	V
1294	327663.494	2746997.826	28.210	WL
1295	327664.697	2746997.724	28.206	WL
1296	327568.102	2746997.081	28.326	V
1297	327677.125	2747000.046	29.970	MH
1298	327702.671	2747002.359	29.911	WALL
1299	327705.501	2747002.405	29.589	WALL
1300	327703.421	2746989.026	29.651	KS
1301	327719.094	2747002.393	29.640	KS
1302	327715.322	2746988.891	29.657	KS
1303	327722.284	2746980.472	29.755	TRIG
1304	327707.253	2747003.950	29.591	GATE
1305	327715.838	2747003.869	31.087	GATE
1306	327729.232	2746999.111	29.734	MH
1307	327712.760	2746967.363	29.706	KS
1308	327714.150	2746966.385	29.558	KS
1309	327715.396	2746962.651	29.630	KS
1310	327715.656	2746953.097	29.891	GATE
1311	327721.659	2746953.050	29.874	KS
1312	327722.280	2746960.956	29.792	KS
1313	327722.347	2746962.848	29.644	KS
1314	327723.011	2746966.054	29.622	KS
1315	327723.660	2746966.838	29.668	KS

1316	327724.298	2746967.222	29.693	KS
1317	327733.044	2746956.651	29.494	CPILLAR
1318	327795.054	2746999.592	29.928	MH
1319	327770.374	2746996.302	29.628	C
1320	327859.887	2746998.891	29.573	MH
1321	327906.158	2746952.716	29.631	GATE
1322	327913.026	2746952.831	29.690	GATE
1323	327948.490	2746977.416	29.822	MH
1324	327966.284	2746999.673	29.581	MH
1325	327971.494	2746995.665	29.016	C
1326	328022.068	2747002.108	31.214	WALL
1327	328053.000	2746979.596	29.400	TRIG
1328	328047.400	2746952.013	29.884	WALL
1329	328078.968	2746918.596	30.717	WALL
1330	328079.285	2746952.167	29.469	WALL
1331	328054.060	2746998.660	33.385	WALL
1332	328029.025	2746988.000	29.528	KS
1333	328030.390	2746988.108	29.505	KS
1334	328031.085	2746988.084	29.536	KS
1335	328034.843	2746990.284	29.390	KS
1336	328037.285	2746993.934	29.377	KS
1337	328037.928	2746999.468	29.358	KS
1338	328047.587	2746996.734	29.244	KS
1339	328051.537	2746991.231	29.259	KS
1340	328053.472	2746988.218	29.325	KS
1341	328055.969	2746987.935	29.287	KS
1342	328043.954	2746958.826	29.492	CPILLAR
1343	328080.142	2746956.387	29.291	CPILLAR
1344	328031.637	2746994.270	28.894	C
1345	328031.651	2746993.521	28.946	C
1346	328032.153	2746993.607	28.359	C
1347	328074.900	2746958.269	29.066	KS
1348	328075.544	2746962.601	29.055	KS
1349	328078.005	2746965.234	29.174	KS
1350	328080.626	2746966.370	29.174	KS
1351	328100.572	2746975.154	29.314	KS
1352	328102.017	2746975.681	29.364	KS
1353	328102.329	2746977.737	29.337	KS
1354	328100.760	2746979.088	29.297	KS
1355	328099.473	2746979.209	29.302	KS
1356	327997.266	2747000.945	29.750	MH
1357	328022.949	2746996.978	30.382	MH
1358	328047.496	2746977.273	29.430	MH
1359	328116.488	2746979.094	29.370	KS
1360	328115.370	2746977.999	29.391	KS
1361	328115.326	2746976.609	29.414	KS
1362	328115.652	2746975.735	29.410	KS
1363	328117.443	2746975.079	29.297	KS
1364	328146.571	2746956.307	29.431	C
1365	328163.983	2746993.286	28.479	C
1366	327975.292	2746966.436	29.538	KS
1367	327976.377	2746965.348	29.379	KS
1368	327978.143	2746952.557	29.701	GATE
1369	327985.139	2746952.536	29.706	KS
1370	327986.145	2746963.916	29.357	KS

1371	327985.511	2746965.343	29.362	KS
1372	327986.335	2746966.503	29.507	KS
1373	328061.968	2746966.264	29.304	KS
1374	328063.868	2746965.220	29.211	KS
1375	328064.609	2746963.416	29.145	KS
1376	328264.139	2746956.153	29.936	C
1377	328268.375	2746951.760	28.921	C
1378	328333.562	2746986.202	28.967	TRIG
1379	328220.631	2746952.018	30.410	GATE
1380	328226.739	2746951.635	30.753	GATE
1381	328400.659	2746998.087	28.535	WALL
1382	328444.694	2746951.369	28.265	WALL
1383	328355.375	2746976.258	29.732	TREE
1384	328372.088	2746976.548	29.595	TREE
1385	328381.816	2746976.353	29.699	TREE
1386	328390.391	2746976.437	29.482	TREE
1387	328400.592	2746976.603	29.394	TREE
1388	328418.113	2746976.566	29.467	TREE
1389	328335.334	2746987.458	28.982	CUL
1390	328349.262	2746987.344	29.034	CUL
1391	328381.557	2746965.390	29.095	CUL
1392	328393.451	2746965.271	28.773	CUL
1393	328456.287	2746965.494	28.973	KS
1394	328458.610	2746963.159	28.890	KS
1395	328459.257	2746960.181	28.838	KS
1396	328459.024	2746941.855	28.572	KS
1397	328466.997	2746942.490	28.557	KS
1398	328468.557	2746959.629	28.824	KS
1399	328469.339	2746961.556	28.877	KS
1400	328471.037	2746962.884	28.920	KS
1401	328474.443	2746965.091	29.013	KS
1402	328479.851	2746965.262	29.062	KS
1403	328476.879	2746954.822	28.331	C
1404	328442.251	2746955.075	28.243	C
1405	328449.498	2746995.396	27.963	V
1406	328333.563	2746986.203	28.963	TRIG
1407	328449.369	2746995.130	27.748	V
1408	328472.607	2746957.934	28.677	MH
1409	328473.024	2746992.181	28.873	MH
1410	328501.414	2746993.276	28.212	C
1411	328511.760	2746991.955	28.771	MH
1412	328514.149	2746978.049	29.230	KS
1413	328515.104	2746977.215	29.273	KS
1414	328515.272	2746976.052	29.296	KS
1415	328514.517	2746974.858	29.222	KS
1416	328511.416	2746974.119	29.208	KS
1417	328531.992	2746978.024	29.249	KS
1418	328530.784	2746976.983	29.268	KS
1419	328530.649	2746975.689	29.299	KS
1420	328531.084	2746974.592	29.255	KS
1421	328532.453	2746973.901	29.218	KS
1422	328262.451	2746958.105	28.735	MH CABLE
1423	328243.057	2746998.351	31.078	WALL
1424	328243.632	2746998.861	30.996	WALL
1425	328257.982	2746998.209	30.404	WALL

1426	328514.776	2746959.598	28.686	MH CABLE
1427	328544.493	2746955.263	28.784	SH
1428	328564.796	2746950.910	29.590	WALL
1429	328570.082	2746950.910	29.469	GATE
1430	328570.844	2746950.941	29.498	GATE
1431	328573.178	2746992.005	28.750	MH
1432	328599.094	2746986.655	29.138	KS
1433	328599.852	2746987.169	29.142	KS
1434	328600.058	2746989.678	29.171	KS
1435	328600.401	2746997.752	29.222	KS
1436	328600.401	2746997.752	29.220	WALL
1437	328623.102	2746997.723	29.340	WALL
1438	328670.768	2746985.764	29.049	TRIG
1439	328447.584	2746948.406	29.310	WALL
1440	328676.161	2746995.777	27.954	WL
1441	328677.345	2746995.867	27.967	WL
1442	328570.789	2746950.934	29.494	GATE
1443	328576.920	2746950.961	30.800	GATE
1444	328692.652	2746995.055	28.269	V
1445	328697.306	2746991.170	28.923	MH CABLE
1446	328698.523	2746992.666	28.982	CSTONE
1447	328663.657	2746950.792	29.012	WALL
1448	328663.643	2746942.569	29.061	WALL
1449	328692.409	2746942.316	28.966	CPILLAR
1450	328692.440	2746947.068	28.950	CPILLAR
1451	328690.169	2746942.278	28.884	CPILLAR
1452	328692.386	2746955.021	29.101	CPILLAR
1453	328697.866	2746955.007	29.135	CPILLAR
1454	328602.284	2747000.709	32.364	WALL
1455	328621.583	2747000.519	33.168	GATE
1456	328623.125	2746997.719	29.360	WALL
1457	328623.125	2746997.720	29.359	KS
1458	328603.842	2746977.740	29.294	KS
1459	328605.233	2746976.940	29.307	KS
1460	328605.735	2746975.784	29.280	KS
1461	328605.391	2746974.265	29.262	KS
1462	328604.342	2746973.742	29.242	KS
1463	328618.011	2746977.677	29.277	KS
1464	328616.909	2746977.085	29.301	KS
1465	328616.503	2746975.908	29.308	KS
1466	328616.766	2746974.666	29.307	KS
1467	328617.754	2746973.773	29.248	KS
1468	328622.887	2746993.750	29.246	KS
1469	328623.813	2746988.507	29.212	KS
1470	328624.262	2746986.988	29.200	KS
1471	328625.170	2746986.565	29.207	KS
1472	328648.648	2746954.427	29.218	C
1473	328645.327	2746994.398	28.442	C
1474	328663.109	2746964.803	29.109	KS
1475	328664.522	2746964.112	29.088	KS
1476	328666.346	2746962.579	28.990	KS
1477	328669.346	2746960.291	28.732	KS
1478	328672.346	2746956.871	28.750	KS
1479	328674.008	2746950.237	28.589	KS
1480	328683.494	2746948.772	28.599	KS

1481	328684.668	2746955.342	28.673	KS
1482	328686.473	2746958.907	28.709	KS
1483	328689.549	2746961.724	28.791	KS
1484	328692.341	2746963.695	29.037	KS
1485	328694.956	2746964.688	29.099	KS
1486	328696.572	2746964.759	29.116	KS
1487	328694.962	2746950.899	28.671	WALL
1488	328719.311	2746986.344	29.111	KS
1489	328722.178	2746987.064	29.101	KS
1490	328722.955	2746989.438	28.986	KS
1491	328723.197	2746997.707	29.348	GATE
1492	328730.906	2746997.673	29.378	KS
1493	328731.569	2746993.998	29.079	KS
1494	328732.817	2746989.334	28.951	KS
1495	328734.037	2746986.641	29.115	KS
1496	328735.421	2746986.334	29.104	KS
1497	328756.403	2746952.750	28.804	ROOM
1498	328756.392	2746956.998	28.689	ROOM
1499	328765.519	2746957.147	28.820	ROOM
1500	328771.535	2746955.581	28.584	CPILLAR
1501	328777.867	2746997.543	28.975	WALL
1502	328753.715	2746991.211	28.877	MH
1503	328780.785	2746955.025	28.896	C
1504	328767.906	2746957.664	28.756	FDN
1505	328706.135	2746975.929	29.804	TREE
1506	328723.916	2746975.405	29.673	TREE
1507	328721.069	2746992.207	29.533	TREE
1508	328720.872	2746995.080	29.963	TREE
1509	328738.086	2746993.972	29.290	TREE
1510	328750.043	2746975.733	29.682	TREE
1511	328832.344	2746953.935	28.684	CPILLAR
1512	328836.489	2746950.594	28.481	GATE
1513	328843.166	2746950.602	28.550	WALL
1514	328842.531	2746950.590	28.546	GATE
1515	328840.214	2746953.511	28.727	CPILLAR
1516	328845.416	2746953.551	28.682	CPILLAR
1517	328813.156	2746990.966	28.913	C
1518	328848.910	2746986.195	29.213	KS
1519	328853.881	2746986.487	29.168	KS
1520	328855.930	2746989.851	29.016	KS
1521	328857.351	2746994.720	28.876	KS
1522	328866.124	2746994.807	28.898	KS
1523	328867.975	2746989.922	28.962	KS
1524	328870.815	2746987.204	29.079	KS
1525	328873.795	2746985.833	29.151	KS
1526	328874.289	2746986.117	29.062	KS
1527	328894.379	2746986.029	29.148	KS
1528	328848.660	2746959.296	28.330	C
1529	328848.887	2746960.231	28.196	C
1530	328851.422	2746960.222	29.099	MH CABLE
1531	328847.257	2746952.473	29.728	MH
1532	328959.391	2746983.622	28.985	TRIG
1533	328890.189	2746977.143	29.258	KS
1534	328891.719	2746976.450	29.349	KS
1535	328891.811	2746974.635	29.355	KS

1536	328891.021	2746973.687	29.317	KS
1537	328890.028	2746973.340	29.296	KS
1538	328896.547	2746964.135	29.170	KS
1539	328897.704	2746963.791	29.183	KS
1540	328898.192	2746963.411	29.035	KS
1541	328901.110	2746964.095	29.110	KS
1542	328903.434	2746960.961	29.056	KS
1543	328903.998	2746956.760	29.040	KS
1544	328904.095	2746936.089	28.896	KS
1545	328916.309	2746937.072	28.816	KS
1546	328916.170	2746957.808	28.998	KS
1547	328916.401	2746962.122	29.011	KS
1548	328918.676	2746966.538	29.064	KS
1549	328924.362	2746967.147	29.041	KS
1550	328939.333	2746966.276	28.999	KS
1551	328875.086	2746949.400	28.606	SH
1552	328864.363	2746940.497	28.392	SH
1553	328851.734	2746929.994	28.448	SH
1554	328843.148	2746923.041	28.791	WALL
1555	328875.089	2746922.993	28.382	WALL
1556	328875.067	2746916.495	28.540	WALL
1557	328878.885	2746921.460	28.703	MH
1558	328882.249	2746927.495	28.344	MH CABLE
1559	328876.092	2746959.189	29.115	MH
1560	328890.804	2746961.110	28.234	MH
1561	328896.601	2746954.640	29.120	GAS
1562	328896.905	2746952.919	28.599	GAS
1563	328898.711	2746963.742	28.944	CUL
1564	328900.998	2746963.508	28.857	CUL
1565	328900.993	2746963.447	28.755	DR
1566	328894.339	2746986.026	29.104	KS
1567	328895.793	2746985.917	29.171	KS
1568	328897.244	2746985.906	29.178	KS
1569	328898.842	2746986.005	29.195	KS
1570	328901.988	2746939.580	28.497	DR
1571	328899.530	2746938.903	28.203	DR
1572	328898.829	2746986.021	29.198	KS
1573	328898.873	2746963.358	28.751	DR
1574	328901.679	2746987.254	29.169	KS
1575	328902.198	2746988.581	29.097	KS
1576	328902.970	2746989.897	29.255	KS
1577	328903.622	2746992.475	29.212	KS
1578	328904.024	2747020.614	29.341	KS
1579	328891.778	2746962.249	28.588	CUL
1580	328889.540	2746962.277	28.631	CUL
1581	328916.499	2747021.281	29.322	KS
1582	328916.524	2747000.964	29.235	KS
1583	328916.463	2746989.708	29.104	KS
1584	328916.466	2746987.167	29.098	KS
1585	328918.250	2746985.177	29.104	KS
1586	328921.407	2746983.792	29.053	KS
1587	328925.381	2746983.784	29.056	KS
1588	328889.606	2746987.533	28.825	CUL
1589	328891.674	2746987.567	28.857	CUL
1590	328894.177	2746990.561	29.081	DR

1591	328894.185	2746988.503	29.064	DR
1592	328898.519	2746988.391	28.790	BED
1593	328898.702	2746987.561	28.921	DR
1594	328900.868	2746987.614	28.907	DR
1595	328900.927	2746990.684	28.918	DR
1596	328901.366	2747004.816	29.242	DR
1597	328898.623	2747005.250	29.239	DR
1598	328898.217	2746990.592	29.053	DR
1599	328894.930	2746990.601	29.088	DR
1600	328900.526	2747005.318	28.434	BED
1601	328899.243	2747005.457	28.564	BED
1602	328900.596	2746991.801	28.390	BED
1603	328900.639	2746987.781	28.498	BED
1604	328899.873	2746987.645	28.103	BED
1605	328892.027	2747001.334	29.177	SH
1606	328882.962	2747004.936	28.955	SH
1607	328931.800	2746987.649	28.893	TREE
1608	328877.535	2747006.350	29.178	TREE
1609	328922.115	2746952.690	28.675	GAS
1610	328929.207	2746973.218	29.250	KS
1611	328929.125	2746977.211	29.191	KS
1612	328844.899	2746994.963	29.106	WPL
1613	328848.024	2746975.401	29.672	TREE
1614	328844.893	2746996.765	29.450	WPL
1615	328857.302	2746995.885	28.901	KS
1616	328857.610	2747007.385	28.969	KS
1617	328865.387	2747006.597	28.969	KS
1618	328866.297	2746996.773	28.914	KS
1619	328874.187	2746997.361	29.226	MH
1620	328844.104	2747001.070	29.183	ROOM
1621	328832.427	2747001.039	29.758	ROOM
1622	328844.180	2746997.993	29.288	ROOM
1623	328869.297	2746991.386	28.967	TR
1624	328868.849	2746993.374	28.939	TR
1625	328893.305	2746994.853	29.175	TR
1626	328893.113	2746994.409	28.059	SH
1627	328931.315	2746994.598	28.712	TR
1628	328931.584	2746997.001	28.791	TR
1629	328934.130	2746996.641	28.907	TR
1630	328944.966	2746986.868	28.898	TR
1631	328947.209	2746985.881	28.881	TR
1632	328946.788	2746984.920	28.942	TR
1633	328945.176	2746985.100	28.875	TR
1634	328945.510	2746985.357	27.565	SH
1635	328947.328	2746977.095	29.337	TR
1636	328946.538	2746977.090	29.372	TR
1637	328946.694	2746973.416	29.315	TR
1638	328946.697	2746973.433	29.313	TR
1639	328946.854	2746975.426	27.683	SH
1640	328997.535	2746991.382	31.508	ROOM
1641	328993.136	2746991.437	31.523	ROOM
1642	328993.106	2746992.374	31.473	ROOM
1643	328947.808	2746963.383	27.311	SH
1644	328975.062	2747016.601	33.955	WALL
1645	328974.967	2747000.201	33.037	WALL

1646	328988.451	2747000.086	32.570	WALL
1647	328946.992	2746964.712	28.905	TR
1648	328948.082	2746964.573	28.908	TR
1649	328948.103	2746963.152	28.875	TR
1650	328948.932	2746961.362	28.725	TR
1651	328949.272	2746956.997	28.319	TR
1652	328949.699	2746951.203	28.374	TR
1653	328950.025	2746948.460	28.166	TR
1654	328975.870	2746939.017	28.567	WALL
1655	328975.901	2746950.156	29.061	WALL
1656	328961.466	2746959.530	28.010	MH
1657	328965.335	2746998.191	28.664	OFC
1658	328969.744	2746963.275	28.994	OFC
1659	328968.040	2746930.251	28.280	OFC
1660	328987.726	2746993.620	31.682	TREE
1661	328937.398	2746998.129	30.321	BUSH
1662	328942.477	2746996.214	29.698	BUSH
1663	328943.931	2746989.954	29.446	BUSH
1664	328947.332	2746987.988	29.709	BUSH
1665	328955.986	2746986.103	29.526	BUSH
1666	328957.346	2746975.191	30.000	BUSH
1667	328968.487	2746977.397	30.148	BUSH
1668	328965.488	2746964.755	29.350	BUSH
1669	328945.098	2746964.077	29.481	BUSH
1670	328996.818	2746975.798	29.972	BUSH
1671	328994.402	2746986.682	31.227	BUSH
1672	329019.448	2746984.692	28.902	BUSH
1673	329018.406	2746988.761	28.803	BUSH
1674	328984.921	2746989.304	28.528	SH
1675	328980.723	2746994.153	28.497	SH
1676	328970.629	2746993.122	28.626	SH
1677	329159.424	2746978.218	29.102	TRIG
1678	329011.551	2746991.386	28.685	ROOM
1679	328992.799	2746953.668	28.755	C
1680	329003.762	2746991.362	29.248	ROOM
1681	329009.813	2746986.697	28.939	SH
1682	329041.959	2746958.760	28.819	MH
1683	329049.378	2746985.158	28.910	BUSH
1684	329049.322	2746985.166	28.910	SH
1685	329074.997	2746986.892	28.731	SH
1686	329074.319	2746989.781	28.697	SH
1687	329075.498	2746992.678	28.619	SH
1688	329072.631	2746999.820	28.244	SH
1689	329069.851	2746997.136	28.347	SH
1690	329069.435	2746953.662	28.053	C
1691	329056.298	2746996.986	29.101	ROOM
1692	329070.021	2746958.175	28.055	SH
1693	329119.340	2746954.252	28.171	C
1694	329119.730	2746957.865	28.182	MH
1695	329131.889	2746990.095	28.362	C
1696	329144.407	2746993.927	28.154	V
1697	329142.873	2746949.732	29.005	WALL
1698	329137.501	2746993.289	28.502	SH
1699	329137.376	2746999.885	28.214	SH
1700	329170.345	2746983.005	29.016	SH

1701	329155.715	2746994.908	28.583	SH
1702	329156.007	2746999.275	28.426	SH
1703	329173.692	2746992.285	28.853	SH
1704	329173.581	2746992.216	28.812	SH
1705	329173.888	2746999.826	28.372	WALL
1706	329092.265	2746978.596	29.120	TRIG
1707	329144.186	2746958.169	28.108	V
1708	329142.797	2746938.402	28.974	WALL
1709	329144.833	2746965.369	28.933	KS
1710	329148.909	2746963.258	28.906	KS
1711	329154.463	2746960.614	28.808	KS
1712	329176.387	2746932.120	28.875	KS
1713	329176.456	2746951.669	28.959	KS
1714	329157.294	2746955.518	28.875	KS
1715	329159.147	2746947.010	28.873	KS
1716	329176.749	2746954.973	28.934	KS
1717	329177.773	2746957.813	28.946	KS
1718	329178.417	2746959.666	28.910	KS
1719	329180.485	2746961.749	28.936	KS
1720	329182.550	2746963.764	29.021	KS
1721	329184.545	2746964.878	29.056	KS
1722	329187.329	2746965.608	29.035	KS
1723	329190.348	2746965.727	29.081	KS
1724	329195.196	2746965.682	29.043	KS
1725	329159.306	2746937.039	28.859	KS
1726	329165.474	2746939.995	29.025	KS
1727	329165.617	2746962.253	29.074	KS
1728	329166.073	2746963.368	29.096	KS
1729	329168.124	2746964.368	29.143	KS
1730	329169.596	2746962.911	29.060	KS
1731	329169.542	2746946.001	29.012	KS
1732	329183.410	2746951.614	28.661	CPILLAR
1733	329190.973	2746958.855	28.903	MH
1734	329187.213	2746954.891	27.800	SH
1735	329180.934	2746955.522	28.523	SH
1736	329231.358	2746958.462	28.868	MH
1737	329192.460	2746938.756	27.922	WALL
1738	329192.379	2746949.771	27.870	WALL
1739	329186.530	2746947.600	27.964	SH
1740	329186.950	2746940.038	27.890	SH
1741	329179.604	2746947.194	28.820	SH
1742	329178.598	2746955.836	28.835	SH
1743	329413.890	2746970.153	29.126	TRIG
1744	329312.451	2746963.921	29.028	KS
1745	329313.630	2746961.763	28.966	KS
1746	329314.187	2746958.880	28.942	KS
1747	329314.369	2746949.738	29.187	GATE
1748	329320.000	2746949.797	29.248	KS
1749	329320.274	2746959.756	28.935	KS
1750	329320.691	2746962.824	28.872	KS
1751	329322.477	2746963.479	28.865	KS
1752	329327.917	2746963.965	28.921	KS
1753	329308.177	2746972.345	29.260	KS
1754	329308.831	2746974.006	29.249	KS
1755	329308.927	2746975.477	29.209	KS

1756	329308.009	2746976.488	29.249	KS
1757	329320.699	2746972.402	29.198	KS
1758	329320.191	2746973.604	29.283	KS
1759	329320.280	2746974.552	29.214	KS
1760	329320.962	2746975.253	29.260	KS
1761	329323.552	2746976.478	29.192	KS
1762	329325.015	2746976.511	29.213	KS
1763	329366.185	2746985.683	28.924	KS
1764	329368.527	2746987.573	28.900	KS
1765	329370.810	2746993.938	28.828	KS
1766	329372.474	2747001.397	28.857	KS
1767	329375.475	2746975.566	28.151	KS
1768	329349.666	2746958.401	28.794	MH
1769	329377.582	2747012.235	29.032	KS
1770	329377.809	2746999.854	28.938	KS
1771	329381.226	2746994.856	28.318	V
1772	329380.631	2746994.389	29.144	WPL
1773	329381.412	2746994.482	29.155	WPL
1774	329381.200	2746995.000	28.798	WPL
1775	329377.512	2746986.903	28.885	KS
1776	329379.382	2746985.777	28.928	KS
1777	329381.327	2746985.697	28.864	KS
1778	329382.768	2746986.420	28.824	KS
1779	329384.161	2746987.294	28.863	KS
1780	329386.020	2746990.180	28.861	KS
1781	329385.835	2746994.725	28.855	KS
1782	329385.595	2747001.941	28.920	KS
1783	329391.945	2747001.648	28.706	KS
1784	329392.107	2746995.008	28.738	KS
1785	329394.909	2746990.195	28.775	KS
1786	329396.516	2746987.172	28.852	KS
1787	329399.059	2746985.206	28.870	KS
1788	329357.748	2746997.855	28.404	WALL
1789	329406.806	2747012.952	28.701	WALL
1790	329407.056	2746999.412	29.701	WALL
1791	329413.190	2746999.365	28.467	WALL
1792	329406.872	2747008.918	28.788	GATE
1793	329406.952	2747002.898	29.145	GATE
1794	329393.812	2746972.592	29.202	KS
1795	329394.847	2746973.608	29.233	KS
1796	329395.045	2746975.270	29.219	KS
1797	329394.511	2746976.578	29.204	KS
1798	329402.163	2746972.237	29.188	KS
1799	329401.577	2746973.379	29.170	KS
1800	329401.680	2746975.641	29.506	KS
1801	329402.128	2746976.408	29.552	KS
1802	329364.819	2746953.391	27.657	C
1803	329443.611	2746952.784	28.031	C
1804	329437.887	2746955.674	28.341	CPILLAR
1805	329397.353	2746958.905	28.893	MH
1806	329536.682	2746966.434	29.122	TRIG
1807	329539.285	2746993.091	28.576	WALL
1808	329574.795	2746953.194	27.568	C
1809	329653.503	2746949.656	27.008	WALL
1810	329562.079	2746965.876	29.160	TRIG

1811	329750.469	2746996.612	28.354	GATE
1812	329746.553	2746996.487	28.335	GATE
1813	329722.097	2746974.181	29.654	TREE
1814	329730.386	2746974.119	29.540	TREE
1815	329734.006	2746974.236	29.497	TREE
1816	329661.651	2746999.274	27.711	WALL
1817	329713.777	2746995.937	27.049	WALL
1818	329751.070	2746996.608	27.324	WALL
1819	329749.628	2747033.235	28.215	WALL
1820	329713.722	2746994.596	27.215	MH
1821	329716.351	2746994.613	27.068	WT
1822	329728.337	2746996.266	28.437	WPL
1823	329728.349	2746993.894	28.431	WPL
1824	329728.469	2746993.675	27.367	WPL
1825	329728.500	2746993.680	27.368	SH
1826	329716.348	2746992.776	26.902	WT
1827	329713.826	2746992.800	26.936	WT
1828	329713.777	2746992.764	26.802	WT
1829	329714.038	2746993.843	26.773	WPL
1830	329709.201	2746999.502	27.145	SH
1831	329723.075	2746994.703	27.573	SH
1832	329722.818	2746991.600	27.366	SH
1833	329754.158	2746993.650	27.837	SH
1834	329727.951	2746989.523	27.819	SH
1835	329760.849	2747001.667	27.865	SH
1836	329768.253	2747008.592	27.422	SH
1837	329741.085	2746976.318	29.251	KS
1838	329743.086	2746976.177	29.237	KS
1839	329744.016	2746974.627	29.311	KS
1840	329743.687	2746972.821	29.246	KS
1841	329742.525	2746972.293	29.279	KS
1842	329777.812	2747015.670	28.143	SH
1843	329779.713	2747015.978	28.206	SH
1844	329784.670	2747018.164	27.257	SH
1845	329744.792	2746964.897	29.018	KS
1846	329747.773	2746965.435	29.039	KS
1847	329750.942	2746965.857	29.019	KS
1848	329752.536	2746966.851	28.979	KS
1849	329789.675	2747023.885	27.452	SH
1850	329804.103	2747031.725	28.236	SH
1851	329755.074	2746982.281	28.961	KS
1852	329753.288	2746983.719	28.973	KS
1853	329748.348	2746983.937	28.988	KS
1854	329743.692	2746984.070	28.987	KS
1855	329815.066	2747029.713	29.532	SH
1856	329799.445	2747022.030	27.778	SH
1857	329793.127	2747013.286	27.156	SH
1858	329777.501	2747023.140	28.274	RAIL
1859	329779.376	2747023.454	28.285	RAIL
1860	329756.491	2746954.682	27.911	SH
1861	329761.696	2746953.115	27.076	SH
1862	329765.924	2746956.213	27.178	SH
1863	329771.408	2746951.306	27.401	SH
1864	329767.481	2747012.721	26.104	V
1865	329772.550	2746945.629	27.591	SH

1866	329778.607	2746949.034	27.869	SH
1867	329780.847	2746939.736	28.032	RAIL
1868	329782.744	2746939.817	28.065	RAIL
1869	329766.855	2747012.805	27.446	WPL
1870	329767.788	2747012.664	27.366	WPL
1871	329786.480	2746951.023	27.634	GAS
1872	329786.765	2746950.360	27.474	GAS
1873	329764.075	2746950.108	27.249	GAS
1874	329753.593	2746943.956	28.139	SH
1875	329750.940	2746923.847	28.195	SH
1876	329769.012	2746992.893	27.323	V
1877	329706.763	2746952.117	27.664	SH
1878	329711.662	2746961.213	28.749	SH
1879	329712.624	2746960.992	28.770	SH
1880	329745.043	2746963.594	28.855	TRACK
1881	329747.410	2746965.565	29.044	TRACK
1882	329753.260	2746962.550	28.515	TRACK
1883	329752.146	2746959.434	28.413	TRACK
1884	329758.022	2746957.851	27.866	TRACK
1885	329758.826	2746960.220	27.981	TRACK
1886	329772.961	2746960.112	27.544	TRACK
1887	329773.058	2746956.875	27.533	TRACK
1888	329780.227	2746956.948	28.187	TRACK
1889	329780.086	2746960.746	28.209	TRACK
1890	328052.999	2746979.596	29.404	TRIG
1891	328065.822	2746995.616	29.591	WALL
1892	328147.971	2746995.540	29.571	WALL
1893	327987.720	2746964.624	29.893	CUL
1894	327986.325	2746964.078	29.757	CUL
1895	327986.533	2746961.193	29.396	CUL
1896	327987.964	2746960.461	29.402	CUL
1897	327966.923	2747002.037	30.142	GATE
1898	327975.955	2746964.414	29.764	CUL
1899	327976.346	2747002.041	30.059	GATE
1900	327974.202	2746965.293	29.366	CUL
1901	327981.674	2746999.525	29.843	MH
1902	327966.110	2746999.633	29.631	MH
1903	329738.661	2746971.241	29.271	PEG
1904	329827.113	2746930.207	30.851	TOPL
1905	329827.457	2746939.193	30.911	TOPL
1906	329818.434	2746934.534	31.223	TOPL
1907	329818.159	2746942.423	31.142	TOPL
1908	329777.017	2746995.163	27.979	TOE
1909	329781.532	2746995.165	28.164	TOE
1910	329781.245	2746896.432	27.753	TOE
1911	329785.519	2746896.244	27.919	TOE
1912	329816.085	2746928.230	29.165	TOEL
1913	329815.769	2746946.592	29.188	TOEL
1914	329780.871	2746958.715	28.253	SH
1915	329827.947	2746961.858	30.050	TOPL
1916	329781.986	2746957.577	28.273	TRACK
1917	329805.330	2746951.135	28.497	TRACK
1918	329807.007	2746941.475	29.153	TRACK
1919	329810.873	2746937.555	29.657	TRACK
1920	329809.116	2746960.121	28.628	TRACK

1921	329816.205	2746958.690	30.187	TOEL
1922	329817.662	2746958.930	30.398	TOPL
1923	329827.827	2746961.906	30.073	TOPL
1924	329813.569	2747009.671	29.354	TOEL
1925	329794.136	2746968.365	27.832	PILLAR
1926	329794.520	2746961.854	27.675	PILLAR
1927	329828.618	2746910.125	30.701	TOPL
1928	329818.423	2746913.014	30.872	TOPL
1929	329817.939	2746912.685	29.749	TOEL
1930	329738.648	2746971.246	29.262	PEG
1931	329813.042	2746930.892	30.399	SH
1932	329807.031	2746928.369	30.317	SH
1933	329799.357	2746922.782	28.497	SH
1934	329794.744	2746918.944	28.116	SH
1935	329784.873	2746910.707	28.002	SH
1936	329793.934	2746893.600	28.048	SH
1937	329802.061	2746905.895	28.558	SH
1938	329808.026	2746914.955	29.942	SH
1939	329811.867	2746902.182	29.978	SH
1940	329818.176	2746928.192	32.990	SH
1941	329818.302	2746924.595	32.897	SH
1942	329811.241	2746984.573	28.969	SH
1943	329813.256	2746984.685	28.818	SH
1944	329801.660	2747019.639	27.962	SH
1945	329790.892	2747023.273	27.212	SH
1946	329783.729	2747033.004	27.477	SH
1947	329824.119	2746944.798	32.511	TOEL
1948	329738.650	2746971.246	29.262	PEG
1949	329775.556	2747032.405	27.928	SH
1950	329780.648	2747032.657	27.921	SH
1951	329782.874	2747032.622	27.542	SH
1952	329785.898	2747032.768	27.333	SH
1953	329789.195	2747032.975	27.554	SH
1954	329790.314	2747033.088	27.199	SH
1955	329792.721	2747034.922	27.337	SH
1956	329797.142	2747034.962	27.804	SH
1957	329803.165	2747034.202	28.278	SH
1958	329810.373	2747034.690	28.601	SH
1959	329738.652	2746971.245	29.229	PEG
1960	329819.146	2746952.360	30.537	SH
1961	329827.726	2746946.945	30.788	SH
1962	329829.476	2746949.225	29.598	SH
1963	329823.893	2746975.496	30.436	SH
1964	329828.214	2746974.716	29.320	SH
1965	329815.047	2746972.638	30.208	SH
1966	329814.234	2746972.702	28.804	SH
1967	329811.229	2746996.457	28.707	SH
1968	329814.194	2746997.079	29.742	SH
1969	329802.431	2747005.002	27.879	PS
1970	329813.576	2747028.024	29.891	SH
1971	329811.803	2747028.461	28.743	SH
1972	329824.302	2747030.545	30.101	SH
1973	329784.573	2747017.927	27.306	SH
1974	329789.376	2747008.953	27.200	SH
1975	329790.312	2747008.652	27.514	SH

1976	329791.669	2747008.195	27.190	SH
1977	329802.232	2747005.160	27.839	SH
1978	329811.881	2747020.816	28.349	WPL
1979	329811.908	2747020.810	28.365	WPL
1980	329787.521	2746985.621	27.233	SH
1981	329790.874	2746979.347	27.398	SH
1982	329819.284	2746913.543	31.020	SH
1983	329828.640	2746910.636	30.803	SH
1984	329829.992	2746910.526	30.017	SH
1985	329824.909	2746894.554	30.674	SH
1986	326653.036	2748082.848	35.122	TRIG
1987	326591.449	2748084.821	35.038	TRIG
1988	326595.299	2748362.113	35.909	TRIG
1989	326595.295	2748484.958	36.908	TRIG
1990	326597.297	2748615.468	37.546	TRIG
1991	326618.346	2748673.288	37.354	TRIG
1992	326787.129	2746455.244	23.466	PILLAR
1993	326752.886	2747069.262	29.246	TRIG
1994	326734.474	2747289.304	30.632	TRIG
1995	326717.200	2747346.943	31.069	TRIG
1996	326703.122	2747527.274	32.361	TRIG
1997	326807.989	2746625.256	25.851	TRIG
1998	326685.579	2747583.560	32.804	TRIG
1999	326656.837	2747801.360	34.467	TRIG
2000	326658.663	2747865.210	34.922	TRIG
2001	326631.741	2748007.950	35.221	TRIG
2002	326618.331	2748082.870	35.115	TRIG
2003	326764.164	2746982.661	28.716	TRIG
2004	326948.262	2745697.556	10.405	TRIG
2005	326955.096	2745583.461	9.405	TRIG
2006	326955.042	2745646.056	10.009	TRIG
2007	326971.400	2745456.189	7.904	TRIG
2008	326971.400	2745456.189	7.904	TRIG
2009	327001.945	2745337.237	6.946	TRIG
2010	326813.043	2746671.537	26.426	TRIG
2011	326800.035	2746768.133	27.308	TRIG
2012	326816.942	2746646.409	26.151	TRIG
2013	326822.812	2746602.679	25.765	TRIG
2014	326849.075	2746375.211	23.808	TRIG
2015	326849.606	2746375.257	23.965	TRIG
2016	326887.753	2746109.837	19.967	TRIG
2017	326849.719	2746288.168	24.213	TRIG
2018	326913.151	2746105.107	22.412	TRIG
2019	326892.901	2745949.783	18.181	TRIG
2020	326858.772	2745908.688	20.383	TRIG
2021	326858.712	2745908.670	20.418	TRIG
2022	326892.974	2745949.797	18.167	TRIG
2023	326764.163	2746982.664	28.827	TRIG
2024	326940.444	2745755.441	10.629	TRIG
2025	326948.262	2745697.556	10.405	TRIG
2026	326975.488	2745516.874	8.757	TRIG
2027	326971.400	2745456.189	7.904	TRIG
2028	327001.945	2745337.237	6.946	TRIG
2029	326988.469	2745350.364	7.347	TRIG
2030	326813.676	2746671.643	26.342	TRIG

2031	326817.500	2746646.464	26.078	TRIG
2032	326844.331	2746448.086	24.563	TRIG
2033	326849.075	2746375.211	23.808	TRIG
2034	326884.249	2746170.798	21.671	TRIG
2035	326887.753	2746109.837	19.967	TRIG
2036	326911.903	2745917.650	13.808	TRIG
2037	326892.901	2745949.783	18.181	TRIG
2038	326780.079	2746992.471	29.102	TRIG
2039	328071.118	2746987.108	29.265	TRIG
2040	328403.349	2746986.238	29.004	TRIG
2041	328959.390	2746983.623	28.987	TRIG
2042	329092.268	2746978.595	29.095	TRIG
2043	329176.827	2746956.226	28.983	TRIG
2044	329738.649	2746971.245	29.245	TRIG
2045	327070.308	2746981.939	29.559	TRIG
2046	327295.095	2746981.419	29.654	TRIG
2047	327520.376	2746988.394	29.607	TRIG
2048	328333.562	2746986.202	28.944	TRIG
2049	328670.776	2746985.764	29.057	TRIG
2050	328699.206	2746985.626	29.118	TRIG
2051	328929.566	2746983.678	29.042	TRIG
2052	329159.427	2746978.218	29.106	TRIG
2053	327022.878	2746982.064	29.526	TRIG
2054	329375.833	2746970.798	29.125	TRIG
2055	329413.888	2746970.153	29.124	TRIG
2056	329536.675	2746966.434	29.119	TRIG
2057	329562.080	2746965.876	29.099	TRIG
2058	329819.407	2746939.492	31.780	TRIG
2059	327070.308	2746981.939	29.559	TRIG
2060	327271.033	2746989.086	29.526	TRIG
2061	327295.095	2746981.419	29.654	TRIG
2062	327497.037	2746980.972	29.694	TRIG
2063	327722.280	2746980.472	29.744	TRIG
2064	327772.486	2746980.229	29.745	TRIG
2065	328264.041	2746956.169	30.086	PILLAR
2066	326768.236	2746980.402	28.778	TRIG
2067	327735.051	2746968.177	29.855	TRIG
2068	328408.149	2746967.509	29.085	TRIG
2069	328876.858	2746915.613	28.538	PILLAR
2070	327087.629	2745264.113	6.872	BM
2071	327640.504	2745252.373	5.573	BM
2072	326539.138	2748767.576	39.925	PILLAR
2073	326607.561	2748767.124	39.169	PILLAR
2074	329778.763	2746926.100	29.533	PILLAR
2075	329738.356	2746981.466	29.137	PEG
2076	328879.891	2746923.222	28.596	PILLAR
2077	329561.828	2746953.622	27.619	PILLAR

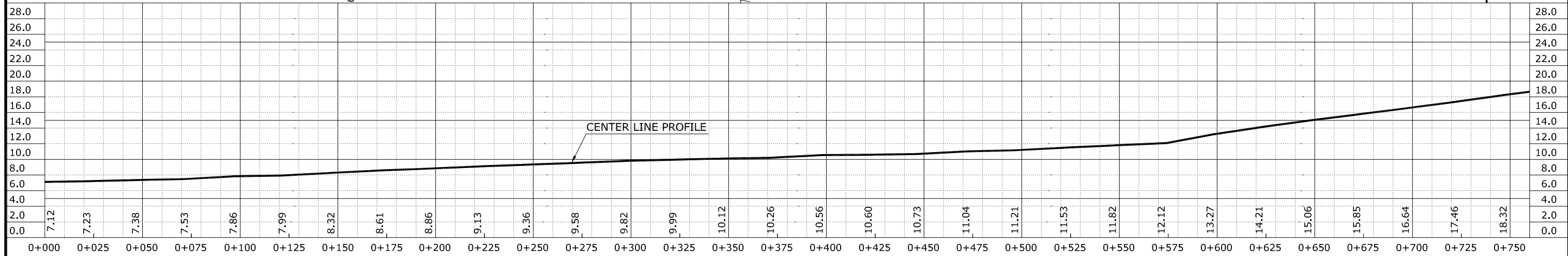
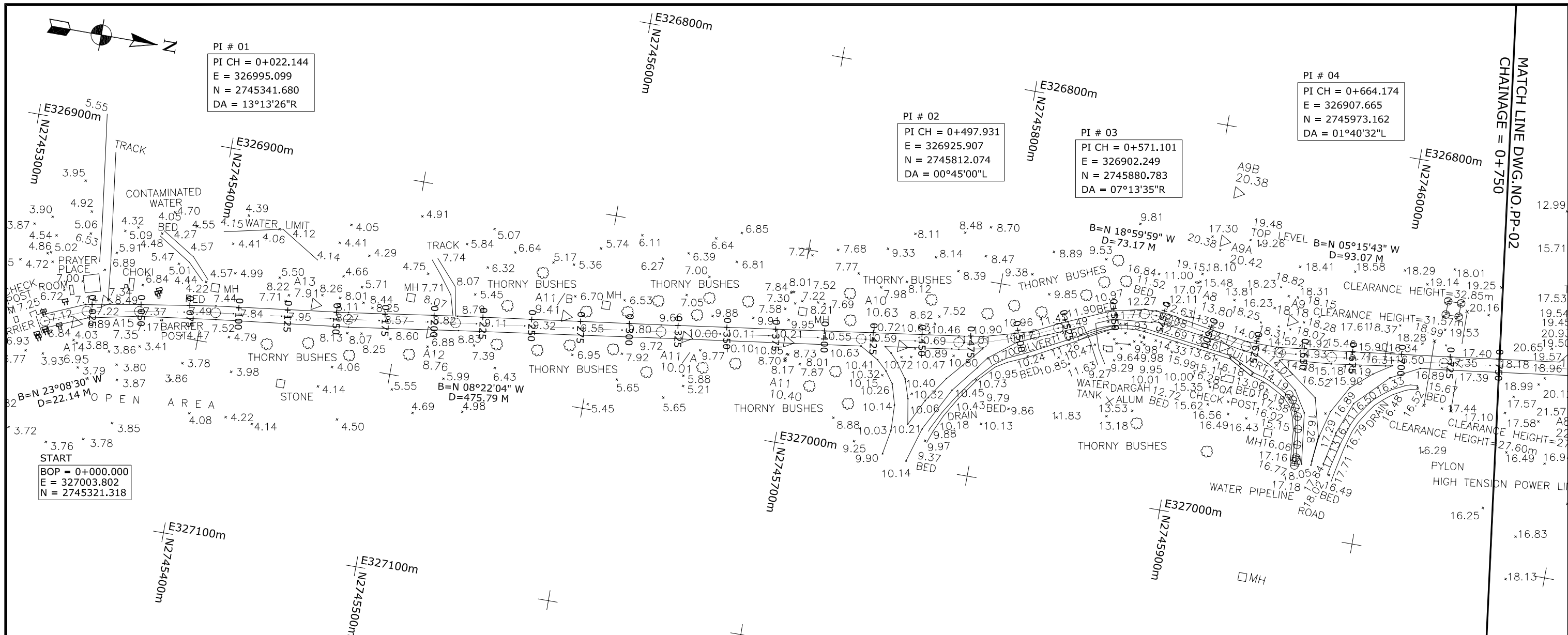


FIG-1: LOCATION PLAN FOR SURVEY WORK

VOLUME-2

DRAWINGS

3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE
CENTERLINE PROFILE & CROSS SECTION DRAWINGS.



ABBREVIATIONS :

PI = POINT OF INTERSECTION
 PI CH = POINT OF INTERSECTION CHAINAGE
 E = EASTING
 N = NORTHING
 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

TRAVERSE POINTS

PROPOSED CENTER LINE

METALLED/PAVED ROAD

GAS PIPELINE

TRACK

POWER LINE (LOW TENSION)

FENCING

BRIDGE\CULVERT

CANAL / WATER COURSE

NALLAH

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT 6.25

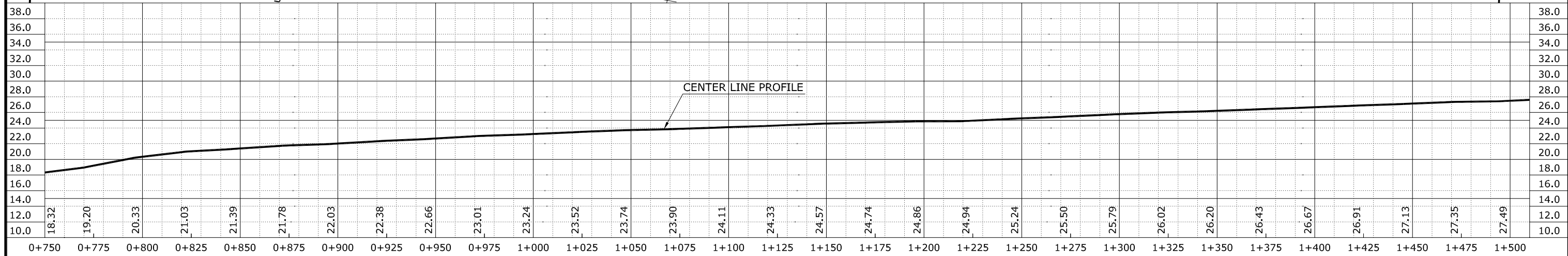
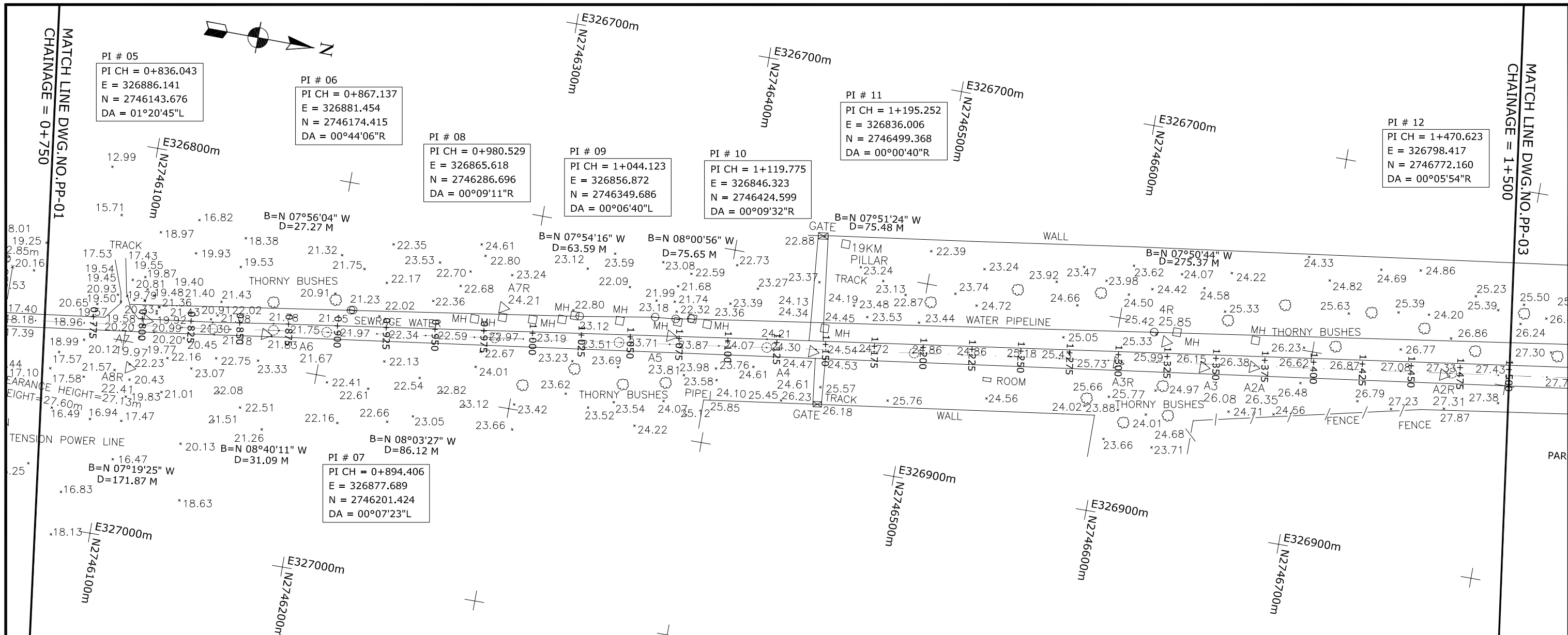
CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

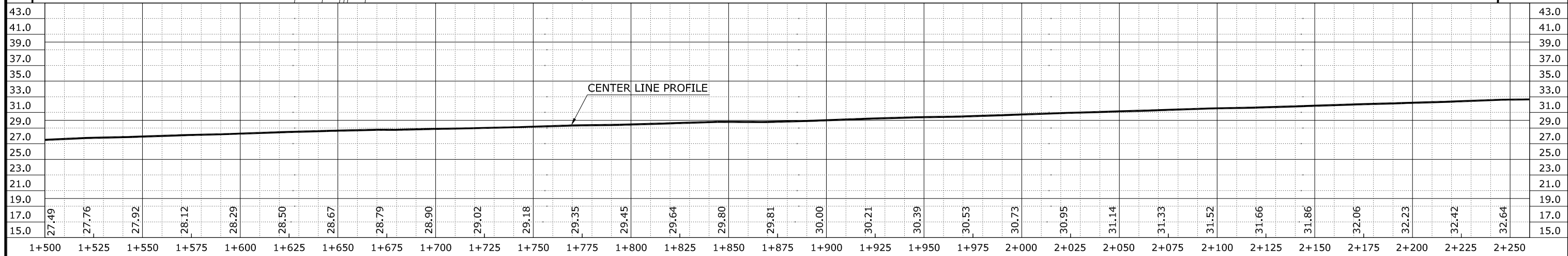
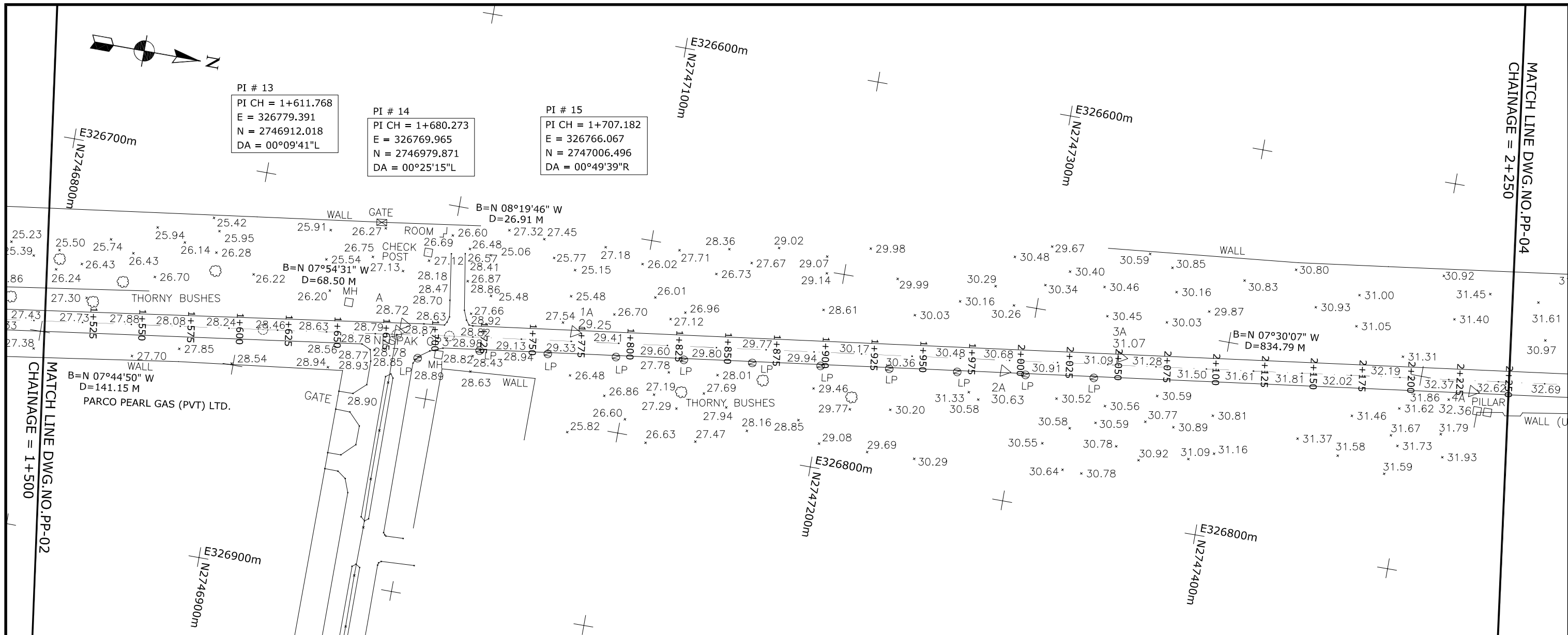
PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

TILTE:
 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE
 PLAN & PROFILE
 SHEET CHAINAGE = 0+000 TO 0+750

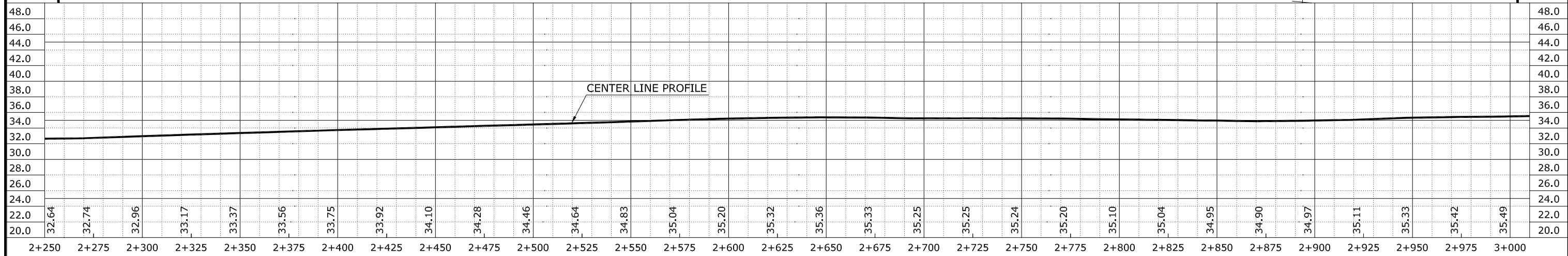
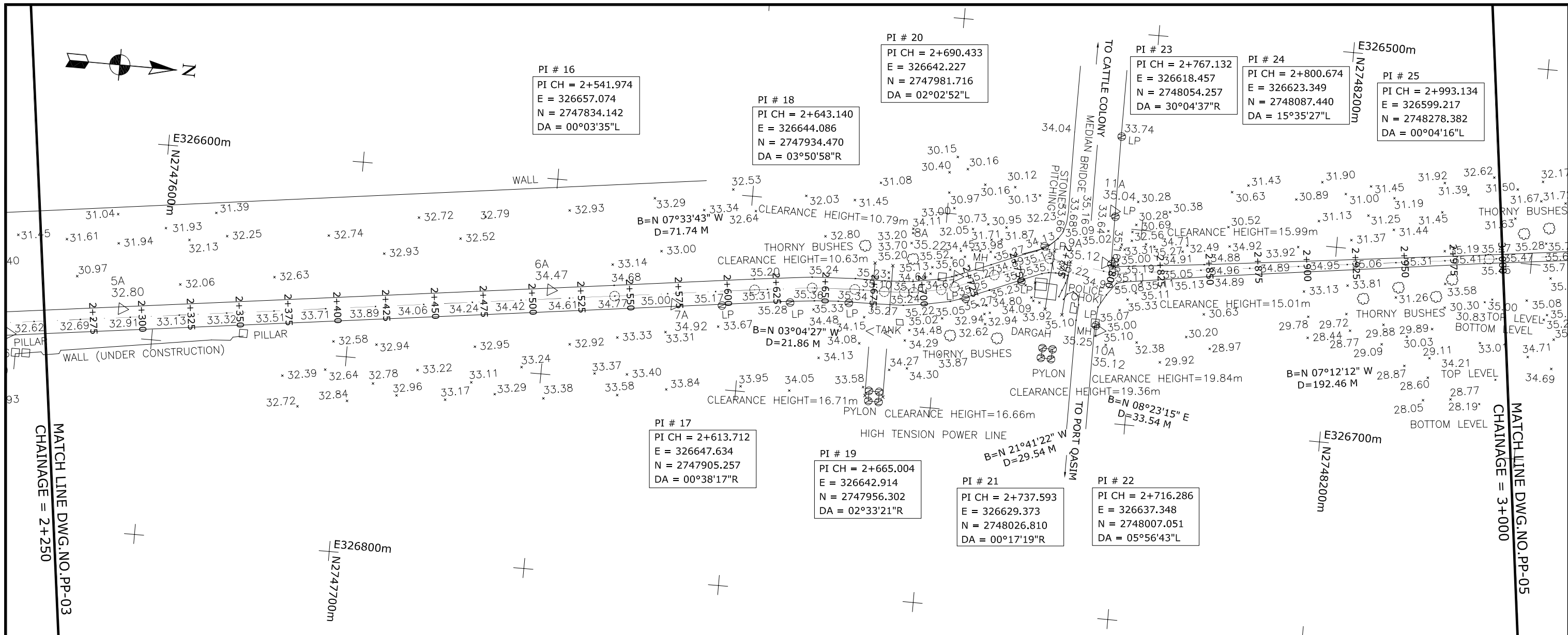
SHEET #	PP-01
DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016



ABBREVIATIONS : PI = POINT OF INTERSECTION PI CH = POINT OF INTERSECTION CHAINAGE E = EASTING N = NORTHING D = DISTANCE FROM BACK STATION B = BEARING AT BACK STATION DA = DEFLECTION ANGLE	LEGEND : TRAVERSE POINTS PROPOSED CENTRE LINE METALLED/PAVED ROAD GAS PIPELINE TRACK POWER LINE (LOW TENSION) FENCING BRIDGE/CULVERT CANAL / WATER COURSE NALLAH	CULTIVATED AREA TREE, DATE TREE HAND PUMP/WELL/TUBEWELL MOSQUE ROW MARKER VALVE ASSEMBLY ANCHOR BLOCK SPOT HEIGHT	CLIENT: NIPPON KOEI CO., LTD. JAPAN CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE SHEET CHAINAGE = 0+750 TO 1+500	SHEET #	PP-02
					DRAWN BY	NADEEM BAIG
					SURVEYED BY	IRFAN
					SCALE	H= 1:2000 V= 1:500
					SHEET SIZE	A3
					DATE	FEB. 2016



ABBREVIATIONS : PI = POINT OF INTERSECTION PI CH = POINT OF INTERSECTION CHAINAGE E = EASTING N = NORTHING D = DISTANCE FROM BACK STATION B = BEARING AT BACK STATION DA = DEFLECTION ANGLE	LEGEND : TRAVERSE POINTS PROPOSED CENTER LINE METALLED/PAVED ROAD GAS PIPELINE TRACK POWER LINE (LOW TENSION) FENCING BRIDGE\CULVERT CANAL / WATER COURSE NALLAH	CULTIVATED AREA TREE, DATE TREE HAND PUMP\WELL\TUBEWELL MOSQUE ROW MARKER VALVE ASSEMBLY ANCHOR BLOCK SPOT HEIGHT	CLIENT: NIPPON KOEI CO., LTD. JAPAN CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE PLAN & PROFILE SHEET CHAINAGE = 1+500 TO 2+250	SHEET #	PP-03
					DRAWN BY	NADEEM BAIG
					SURVEYED BY	IRFAN
					SCALE	H= 1:2000 V= 1:500
					SHEET SIZE	A3
					DATE	FEB. 2016



ABBREVIATIONS :

PI = POINT OF INTERSECTION
 PI CH = POINT OF INTERSECTION CHAINAGE
 E = EASTING
 N = NORTHING
 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

TRAVERSE POINTS

PROPOSED CENTER LINE

METALLED/PAVED ROAD

GAS PIPELINE

TRACK

POWER LINE (LOW TENSION)

FENCING

BRIDGE\CULVERT

CANAL / WATER COURSE

NALLAH

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT

CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

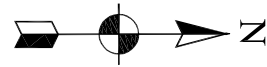
CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

TILTE:
 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE
 SHEET CHAINAGE = 2+250 TO 3+000

SHEET #	PP-04
DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016

PI # 26
 PI CH = 3+034.575
 E = 326593.969
 N = 2748319.489
 DA = 06°02'26"R

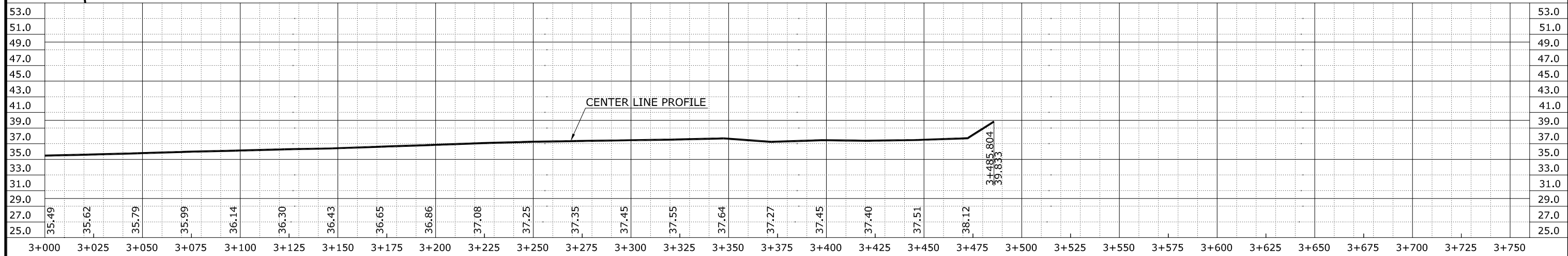
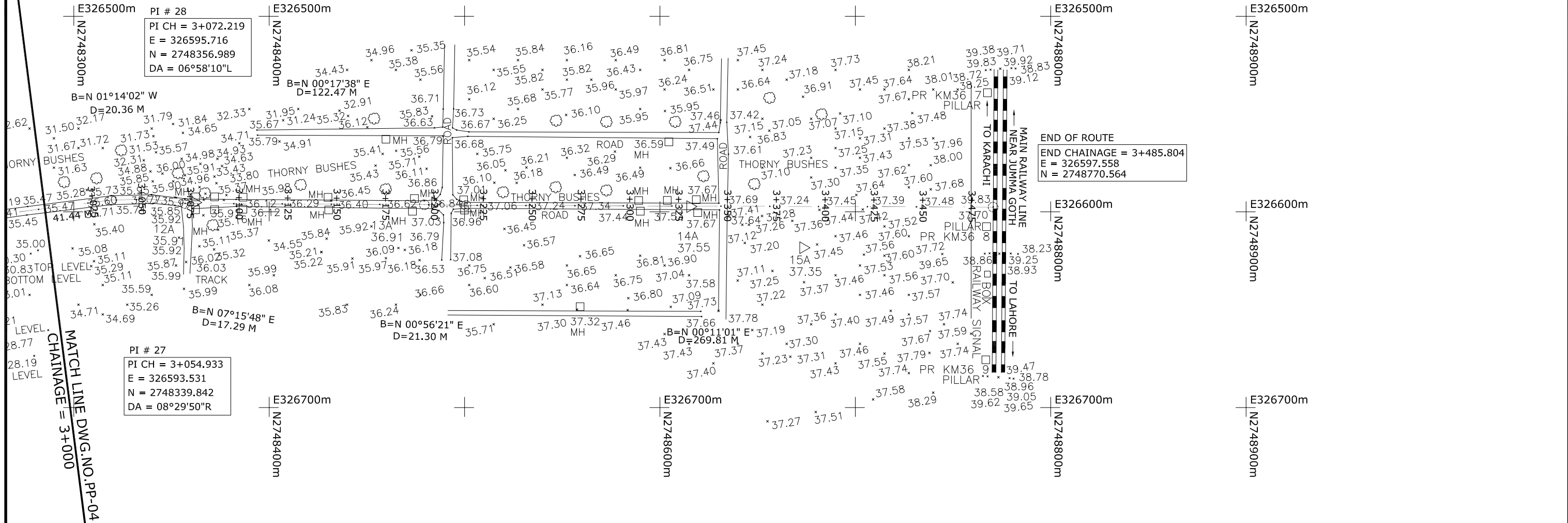


PI # 29
 PI CH = 3+194.687
 E = 326596.345
 N = 2748479.456
 DA = 00°38'43"R

PI # 30
 PI CH = 3+215.991
 E = 326596.694
 N = 2748500.758
 DA = 00°45'20"L

PI # 28
 PI CH = 3+072.219
 E = 326595.716
 N = 2748356.989
 DA = 06°58'10"L

PI # 27
 PI CH = 3+054.933
 E = 326593.531
 N = 2748339.842
 DA = 08°29'50"R



ABBREVIATIONS :

PI = POINT OF INTERSECTION
 PI CH = POINT OF INTERSECTION CHAINAGE
 E = EASTING
 N = NORTHING
 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

TRAVERSE POINTS

PROPOSED CENTER LINE

METALLED/PAVED ROAD

GAS PIPELINE

TRACK

POWER LINE (LOW TENSION)

FENCING

BRIDGE\CULVERT

CANAL / WATER COURSE

NALLAH

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT 6.25

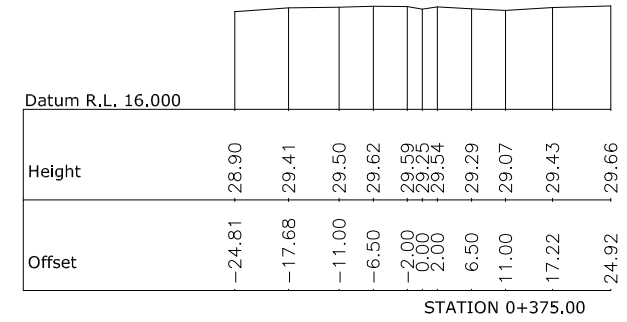
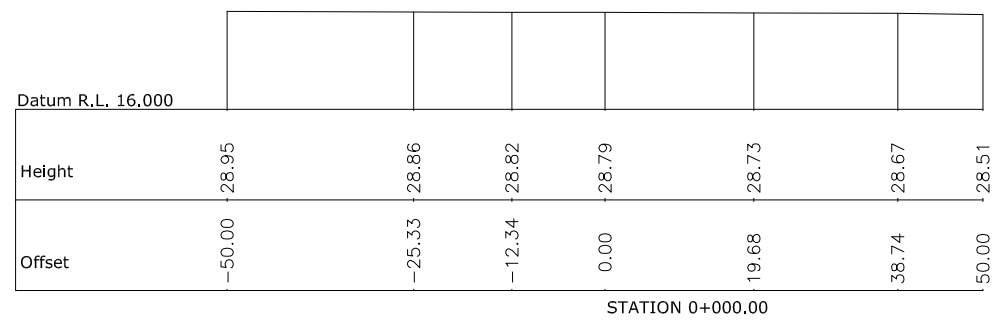
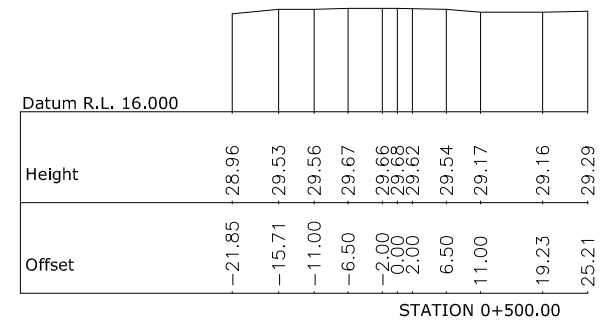
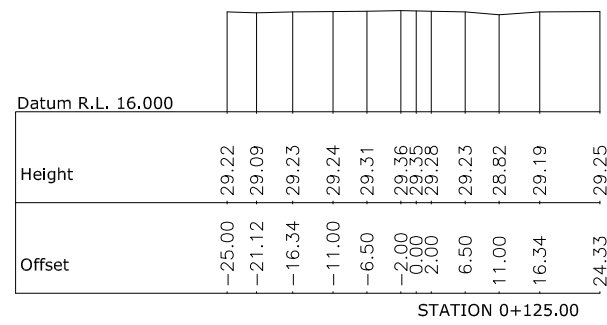
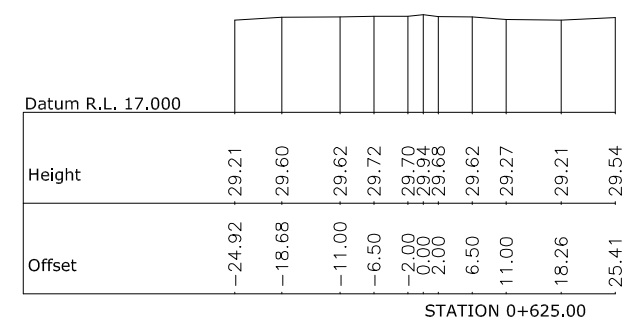
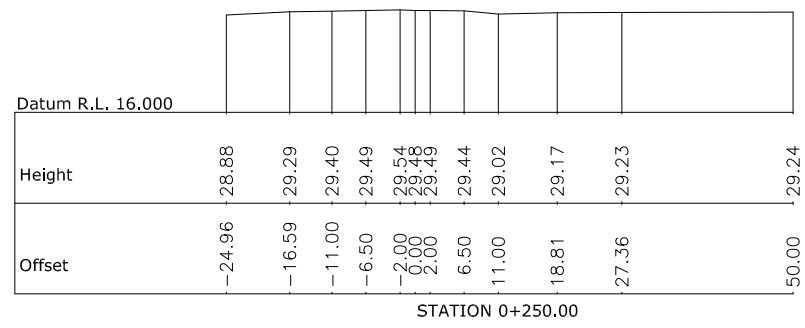
CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

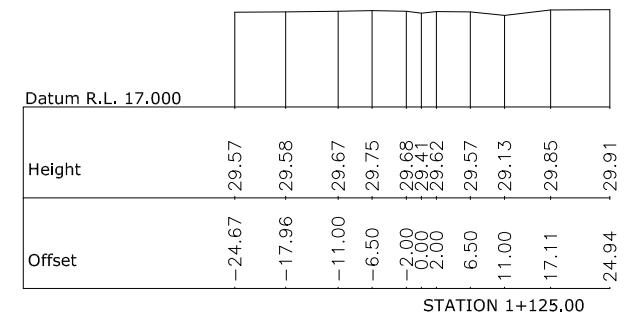
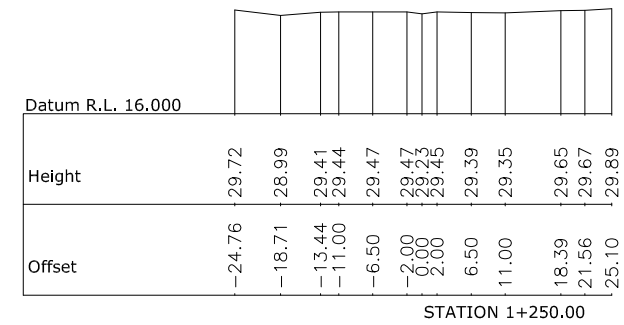
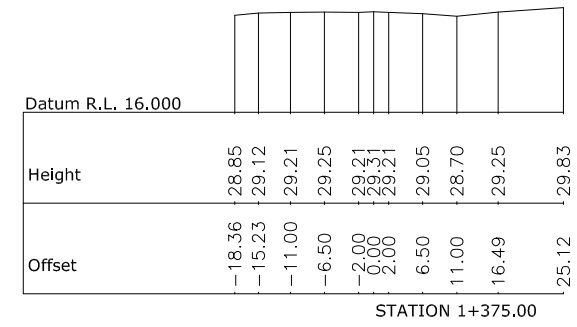
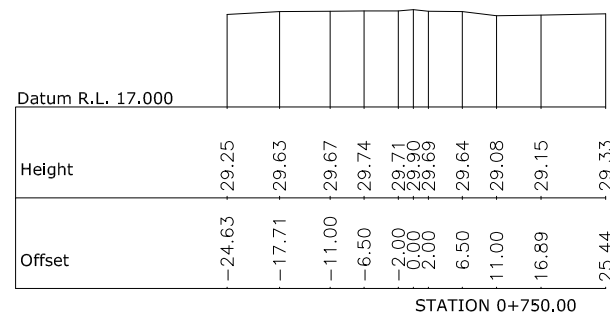
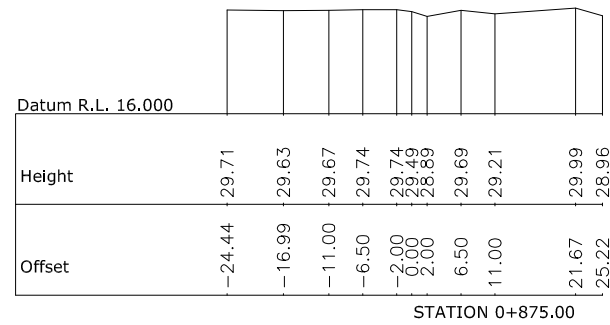
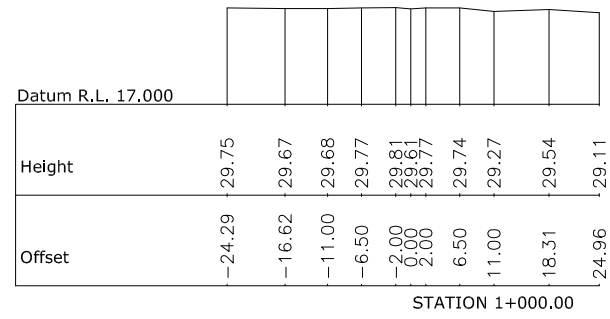
PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

TILTE:
 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE
 SHEET CHAINAGE = 3+000 TO 3+485.80

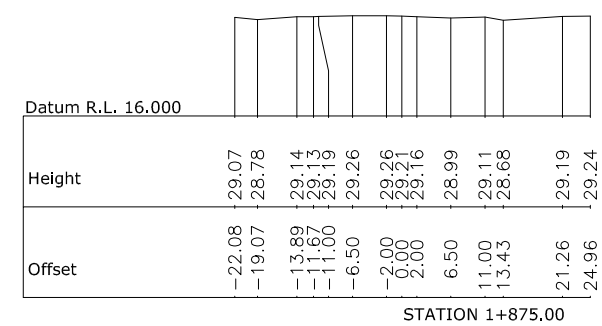
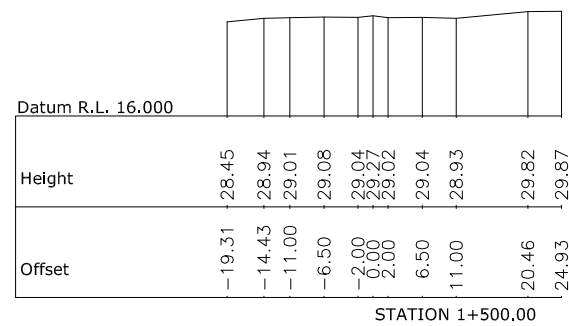
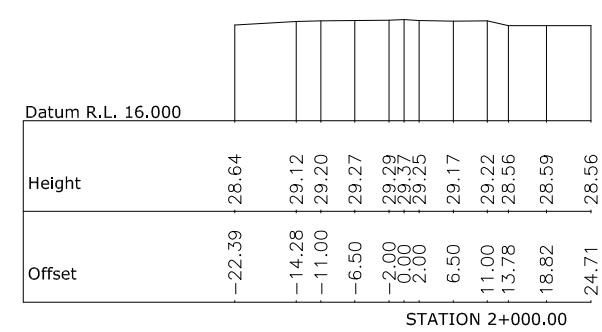
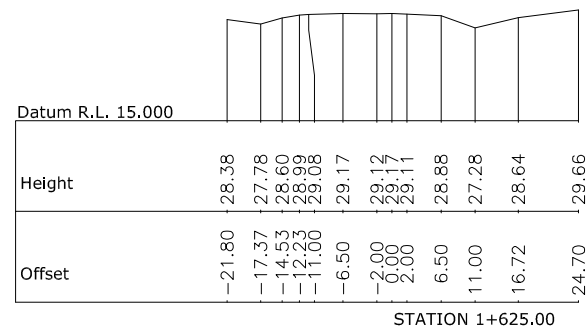
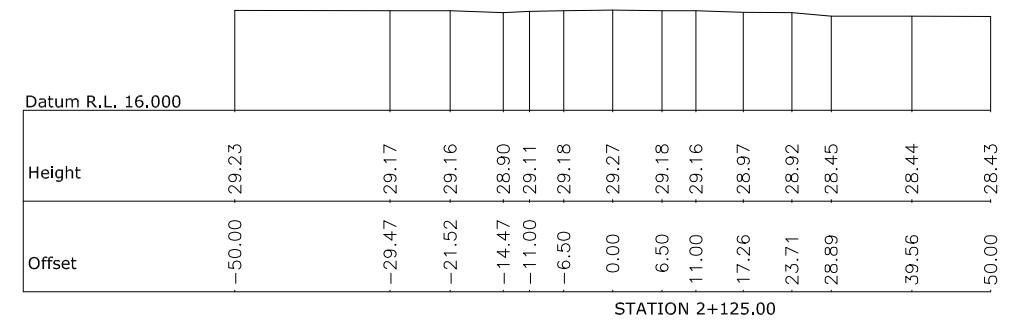
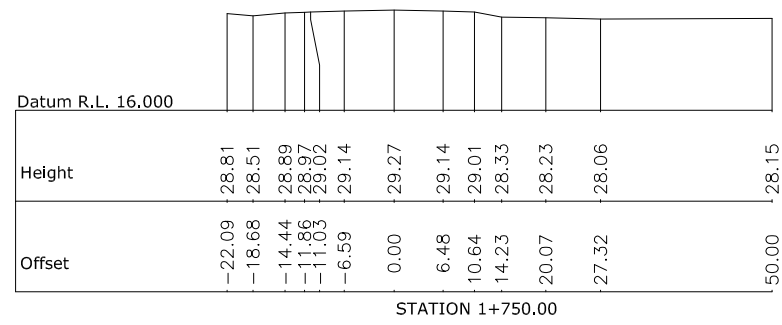
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DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016



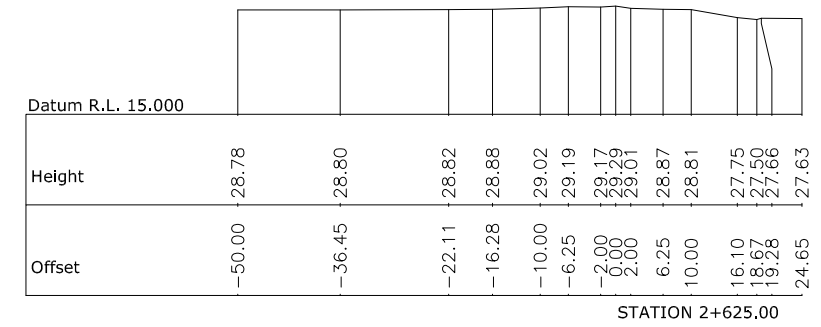
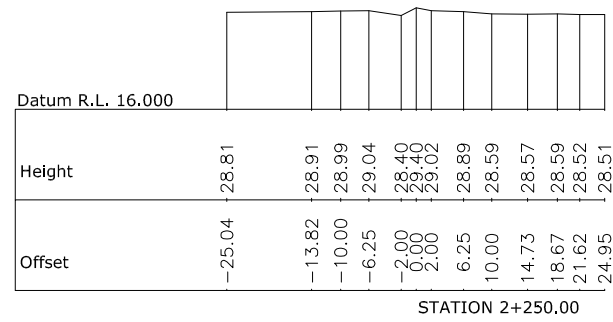
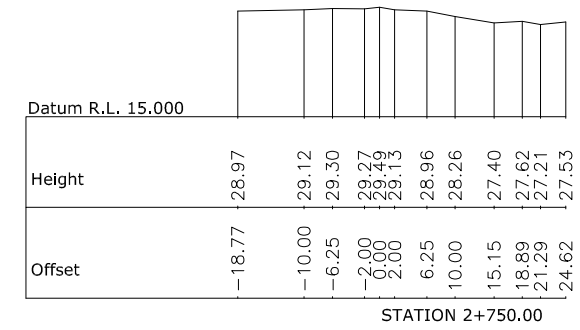
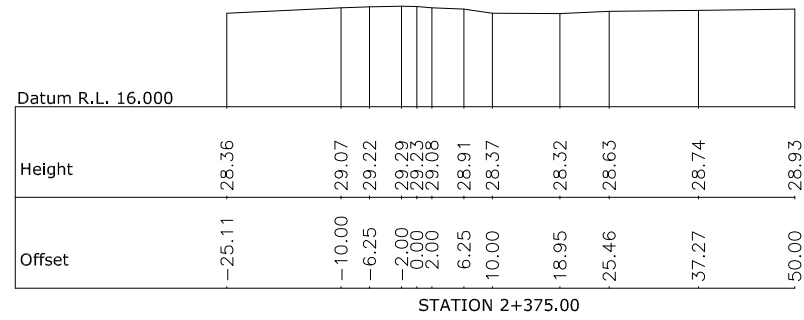
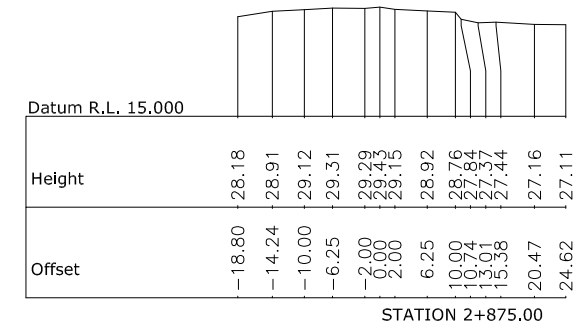
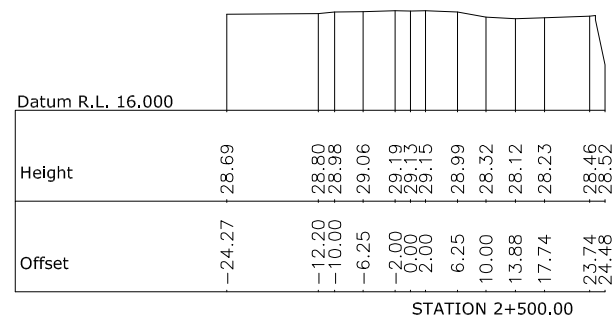
CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	01
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD CROSS SECTIONS SHEET CHAINAGE = 0+000 TO 0+625	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016



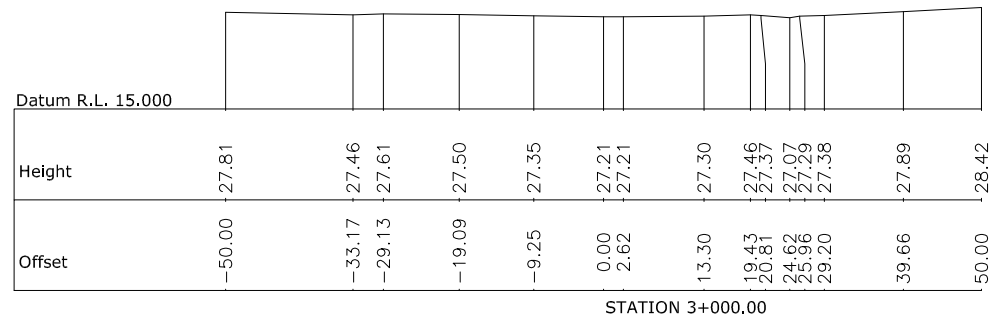
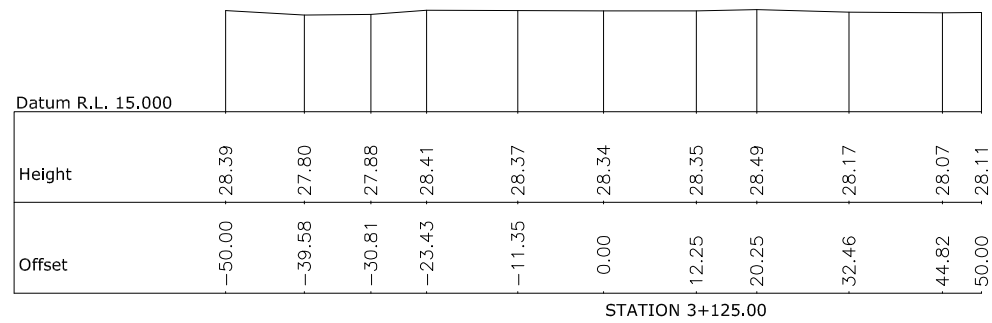
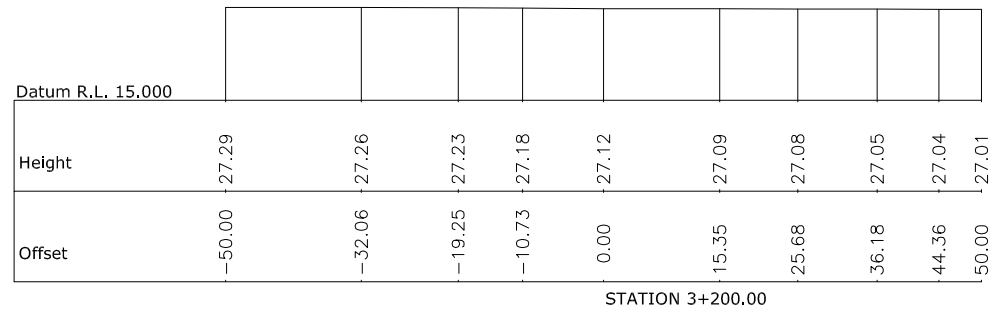
CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	02
		DRAWN BY	M. NADEEM BAIG
		SURVEYED BY	IRFAN
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD CROSS SECTIONS SHEET CHAINAGE = 0+750 TO 1+375	SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016



CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	03
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TITLE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD CROSS SECTIONS SHEET CHAINAGE = 1+500 TO 2+125	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016

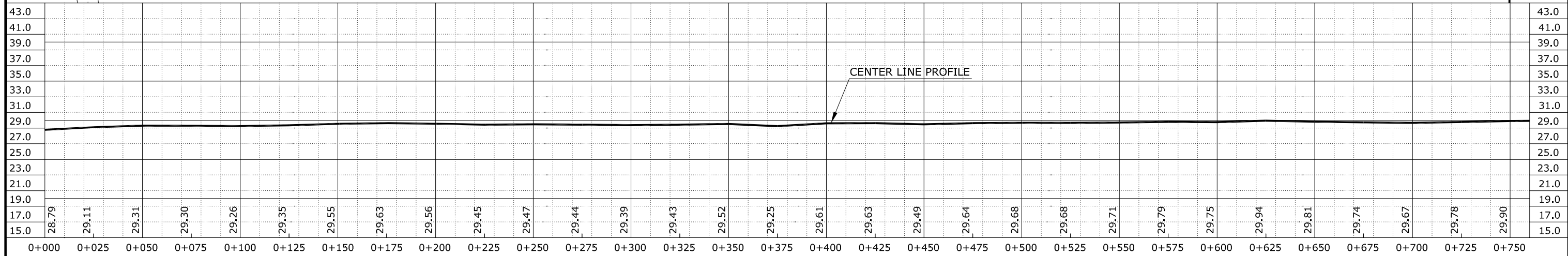
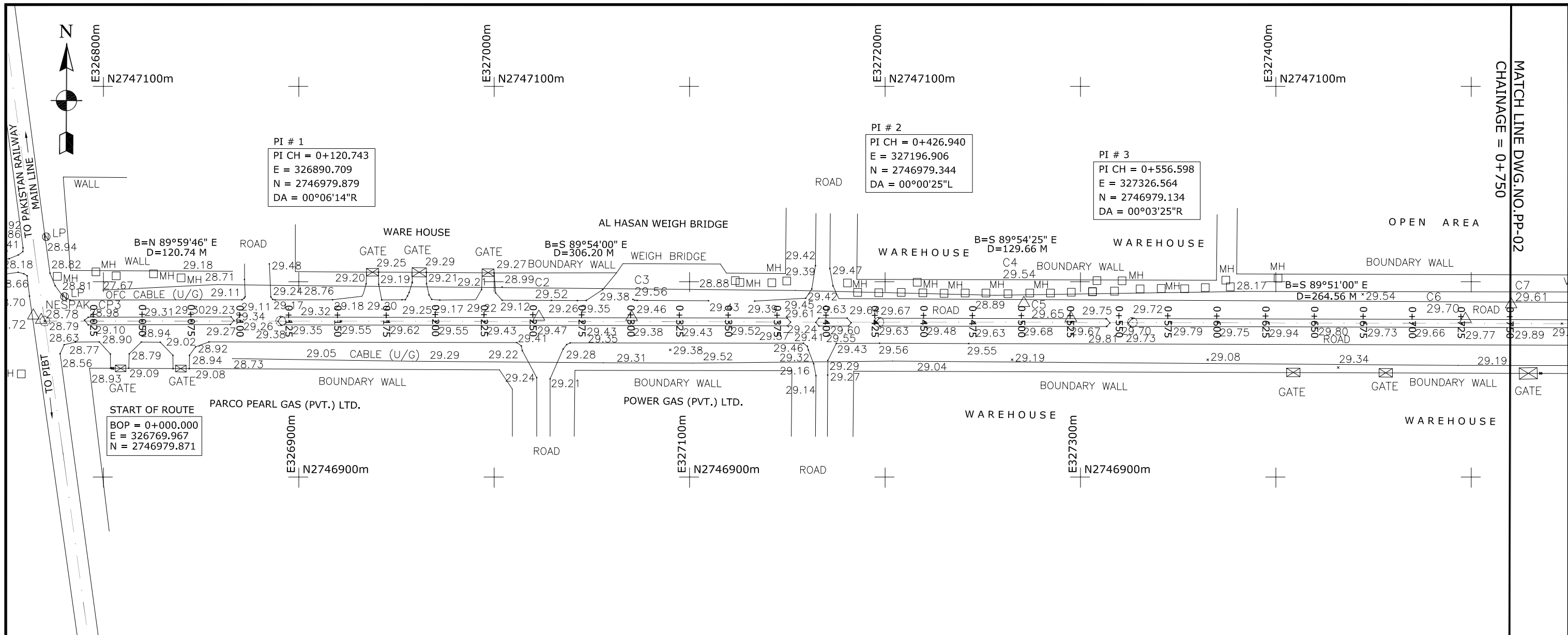


CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	04
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TITLE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD CROSS SECTIONS SHEET CHAINAGE = 2+250 TO 2+875	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016



CLIENT: <p style="text-align: center;">NIPPON KOEI CO., LTD., JAPAN</p>	PROJECT: <p style="text-align: center;">FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE</p>	SHEET #	05
		DRAWN BY	M. NADEEM BAIG
		SURVEYED BY	IRFAN
CONTRACTOR: <p style="text-align: center;">CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI</p>	TILTE: <p style="text-align: center;">3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD CROSS SECTIONS SHEET CHAINAGE = 3+000 TO 3+200</p>	SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016

3.4 KM ROUTE FORM T JUNCTION TO COAL STORAGE
YARD CENTERLINE PROFILE & CROSS SECTION
DRAWINGS



ABBREVIATIONS :

PI = POINT OF INTERSECTION
 PI CH = POINT OF INTERSECTION CHAINAGE
 E = EASTING
 N = NORTHING
 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

TRaverse POINTS	
PROPOSED CENTRE LINE	
METALLED/PAVED ROAD	
GAS PIPELINE	
TRACK	
POWER LINE (LOW TENSION)	
FENCING	
BRIDGE\CULVERT	
CANAL / WATER COURSE	
NALLAH	

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL HP W TW

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT 6.25

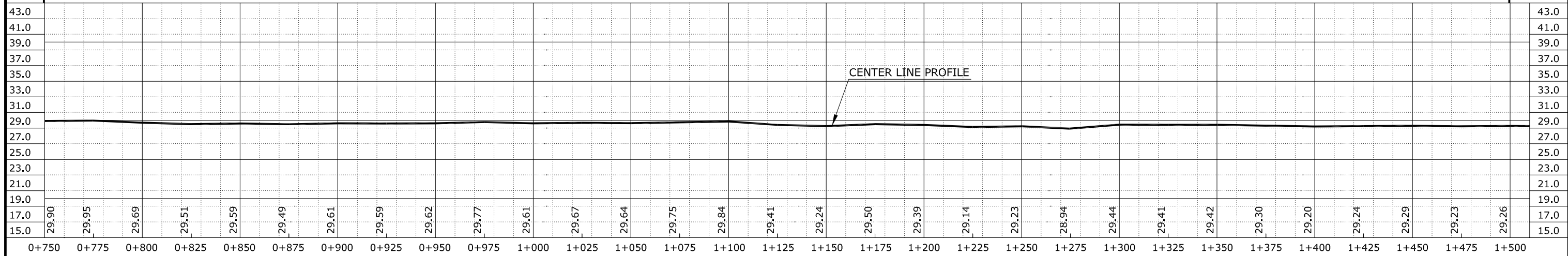
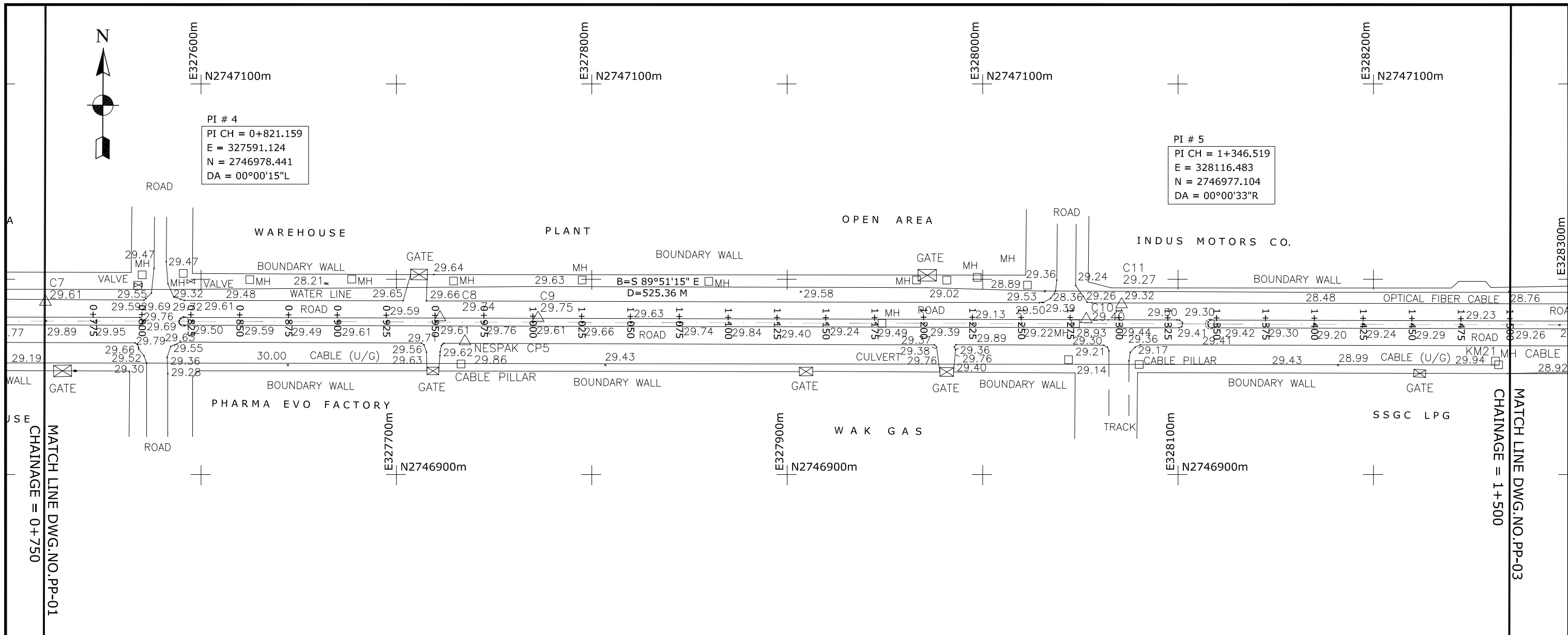
CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

TILTE:
 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD
 PLAN & PROFILE
 SHEET CHAINAGE = 0+000 TO 0+750

SHEET #	PP-01
DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016



ABBREVIATIONS :
 PI = POINT OF INTERSECTION
 PI CH = POINT OF INTERSECTION CHAINAGE
 E = EASTING
 N = NORTHING
 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

TRAVERSE POINTS

PROPOSED CENTRE LINE

METALLED/PAVED ROAD

GAS PIPELINE

TRACK

POWER LINE (LOW TENSION)

FENCING

BRIDGE\CULVERT

CANAL / WATER COURSE

NALLAH

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT 6.25

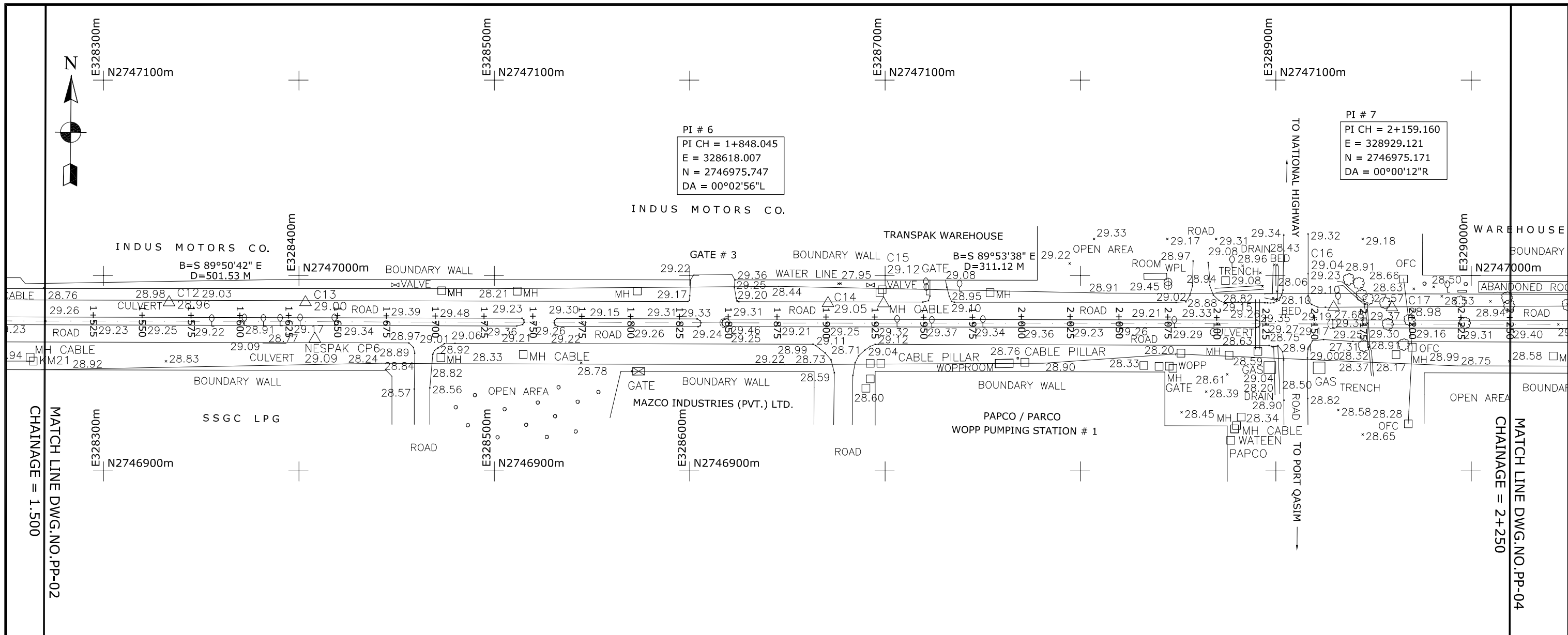
CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

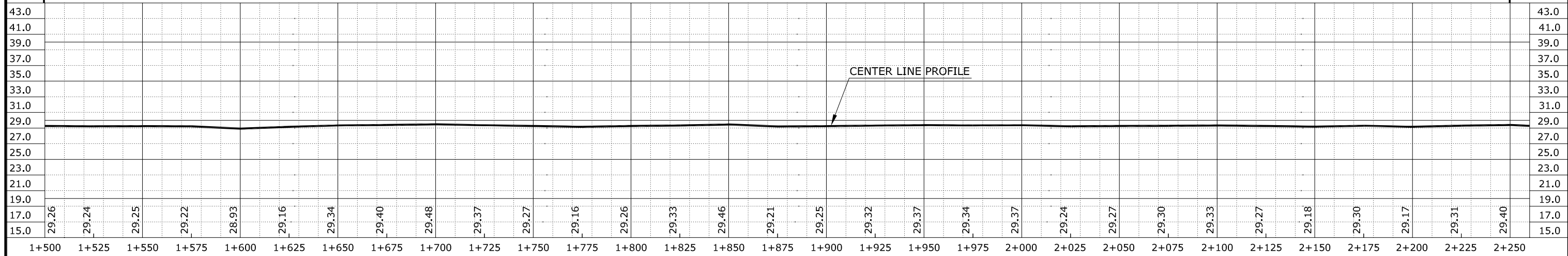
TILTE:
 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD
 PLAN & PROFILE
 SHEET CHAINAGE = 0+750 TO 1+500

SHEET #	PP-02
DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016



PI # 6
 PI CH = 1+848.045
 E = 328618.007
 N = 2746975.747
 DA = 00°02'56"L

PI # 7
 PI CH = 2+159.160
 E = 328929.121
 N = 2746975.171
 DA = 00°00'12"R



ABBREVIATIONS :
 PI = POINT OF INTERSECTION
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 E = EASTING
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 D = DISTANCE FROM BACK STATION
 B = BEARING AT BACK STATION
 DA = DEFLECTION ANGLE

LEGEND :

- TRaverse points
- Proposed centre line
- Metalled/paved road
- Gas pipeline
- Track
- Power line (low tension)
- Fencing
- Bridge/culvert
- Canal / water course
- Nallah

CULTIVATED AREA

TREE, DATE TREE

HAND PUMP\WELL\TUBEWELL HP W TW

MOSQUE

ROW MARKER

VALVE ASSEMBLY

ANCHOR BLOCK

SPOT HEIGHT 6.25

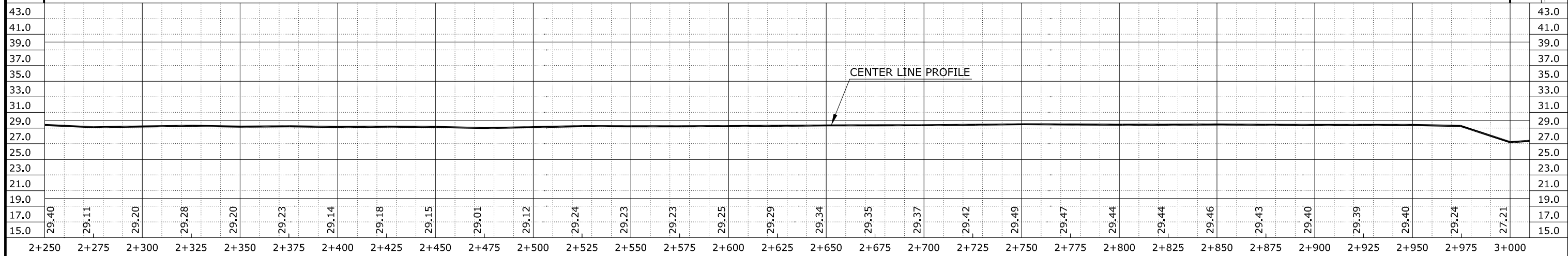
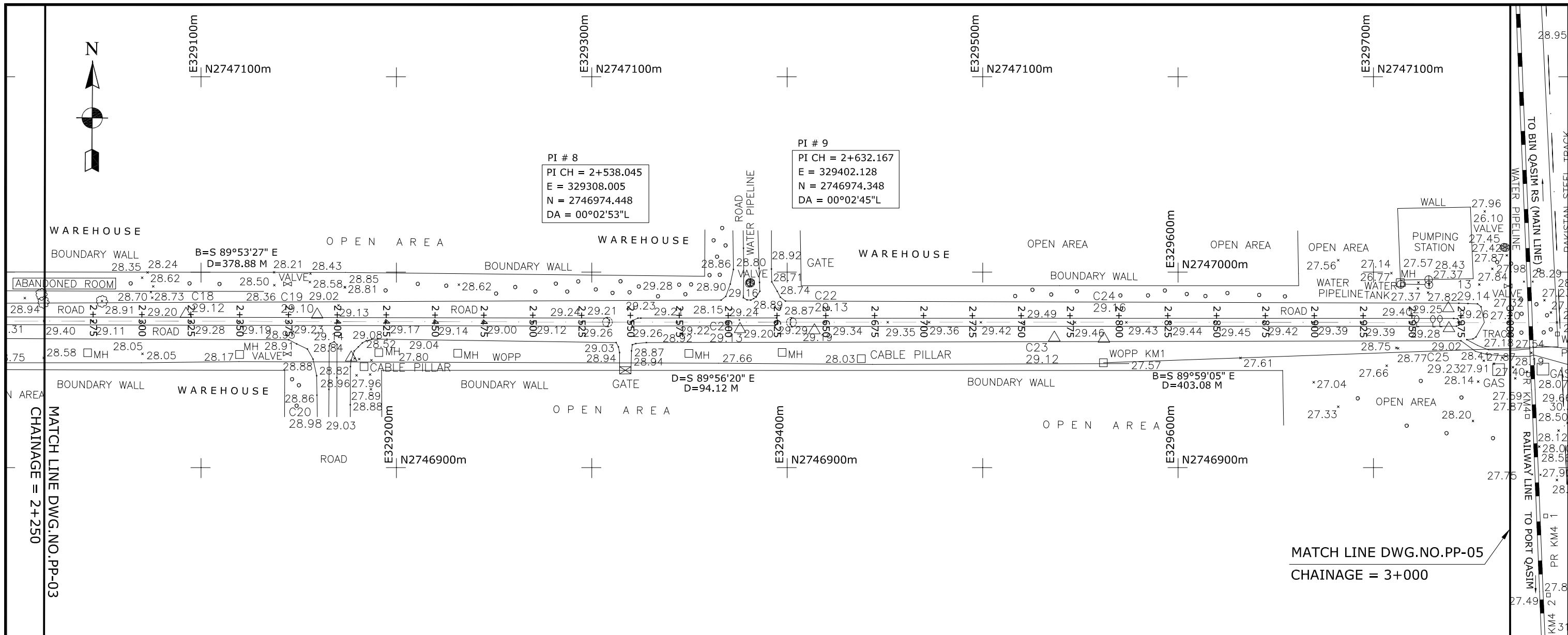
CLIENT:
 NIPPON KOEI CO., LTD.
 JAPAN

CONTRACTOR:
 CONSOLIDATED ENGINEERING SERVICES (PVT) LTD.
 KARACHI

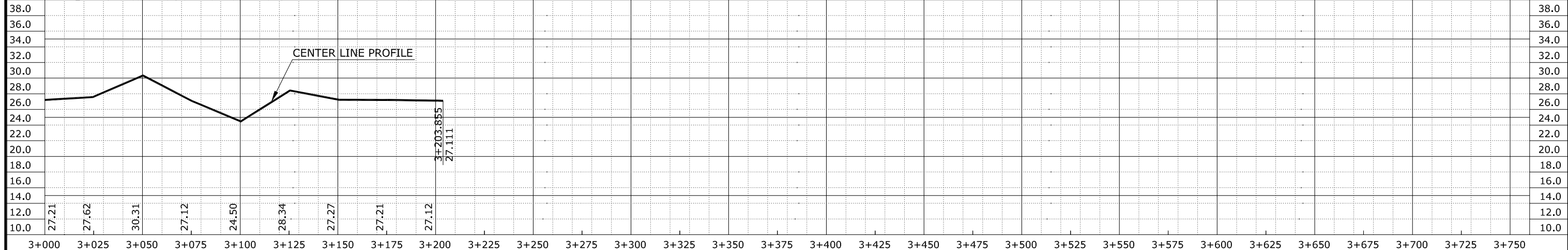
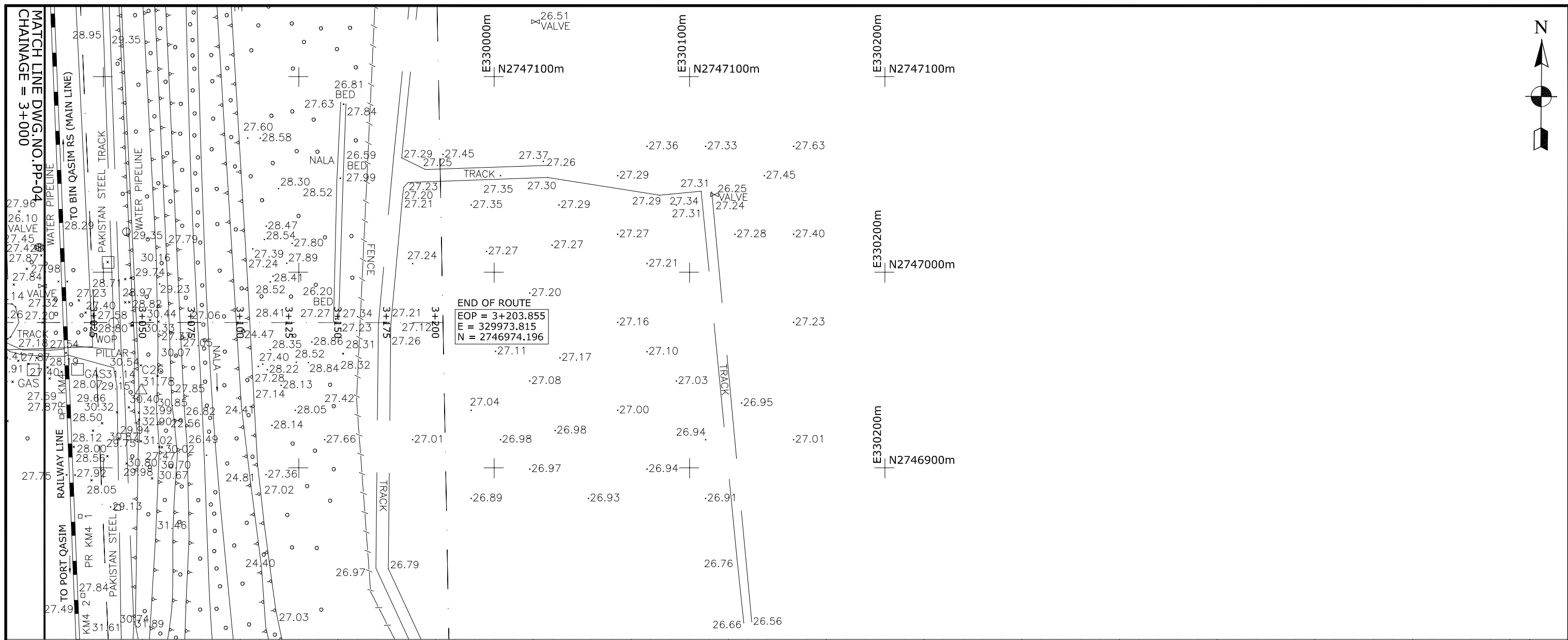
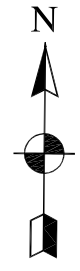
PROJECT:
 FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE

TILTE:
 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD
 PLAN & PROFILE
 SHEET CHAINAGE = 1+500 TO 2+250

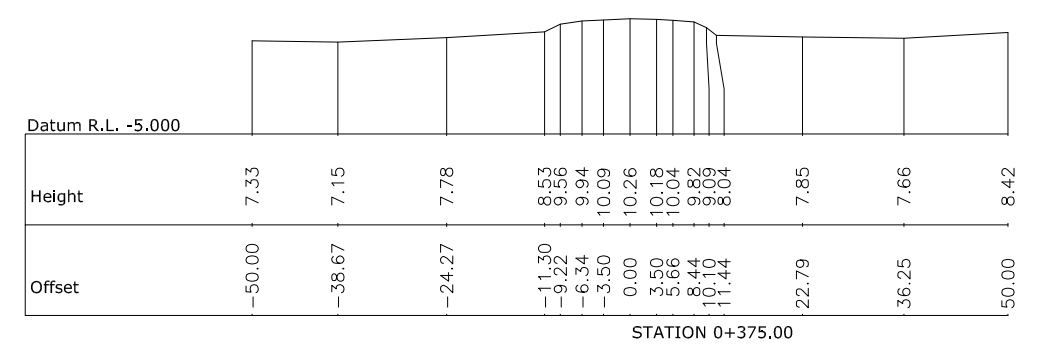
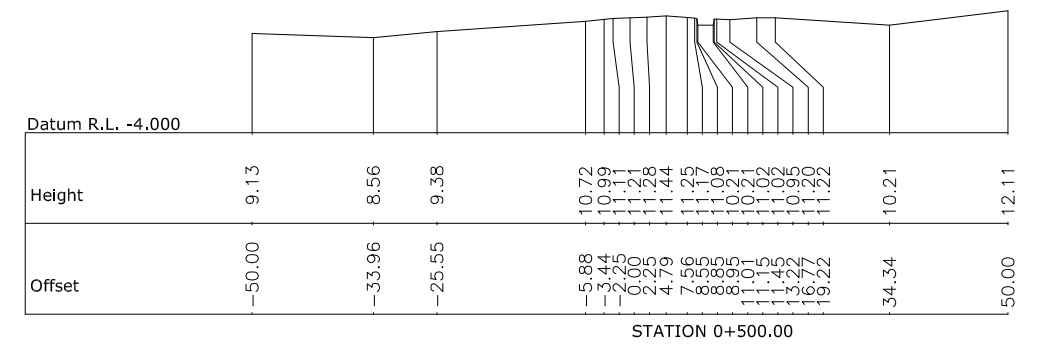
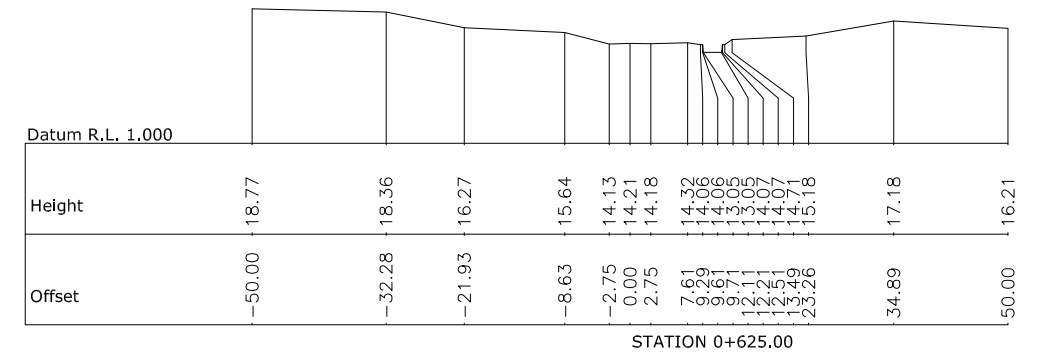
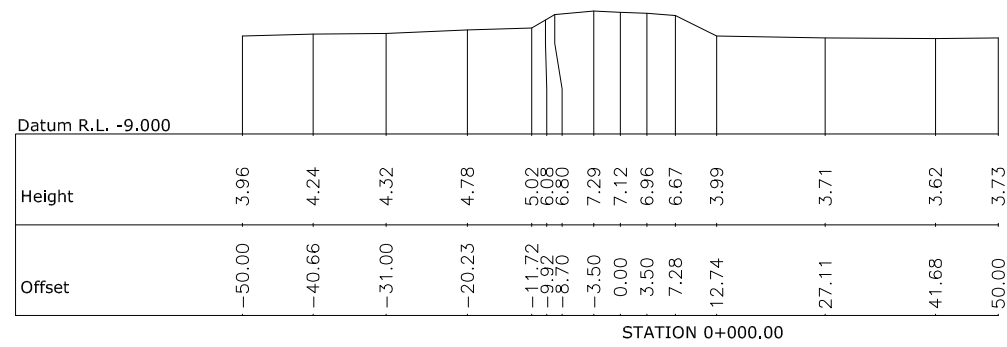
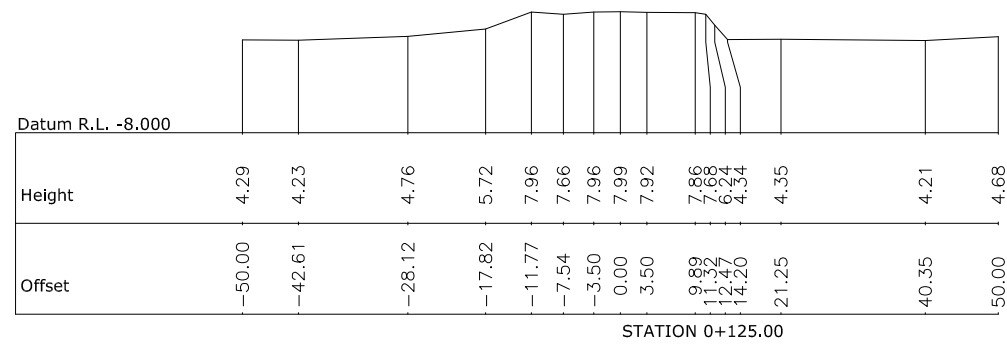
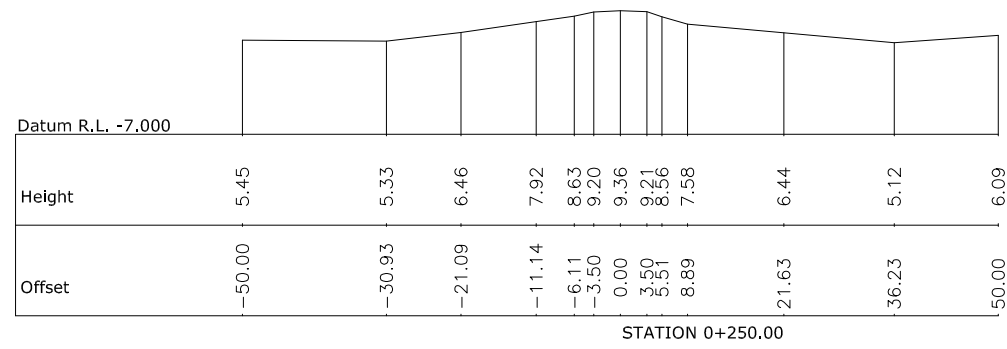
SHEET #	PP-03
DRAWN BY	NADEEM BAIG
SURVEYED BY	IRFAN
SCALE	H= 1:2000 V= 1:500
SHEET SIZE	A3
DATE	FEB. 2016



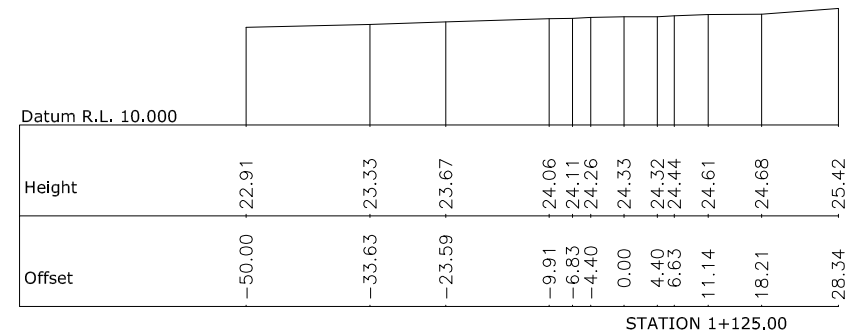
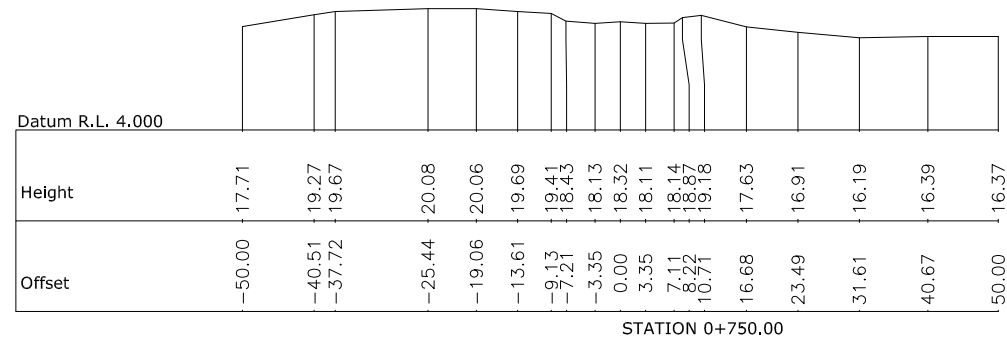
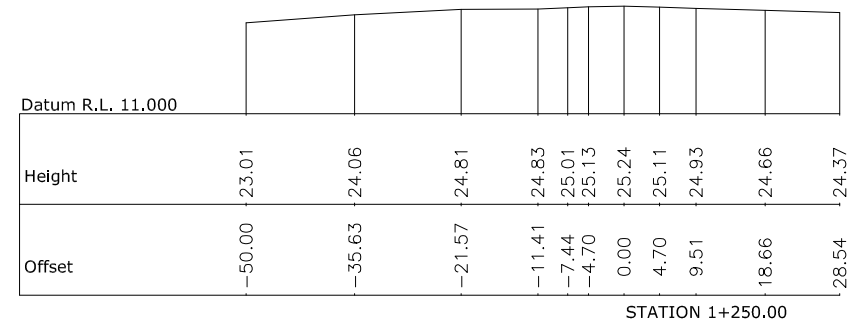
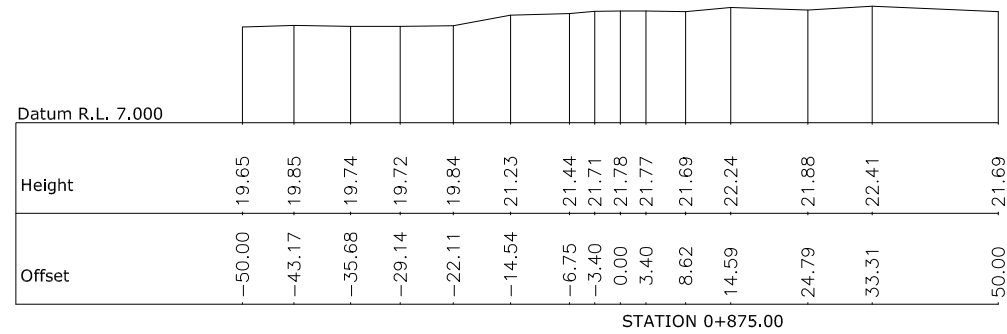
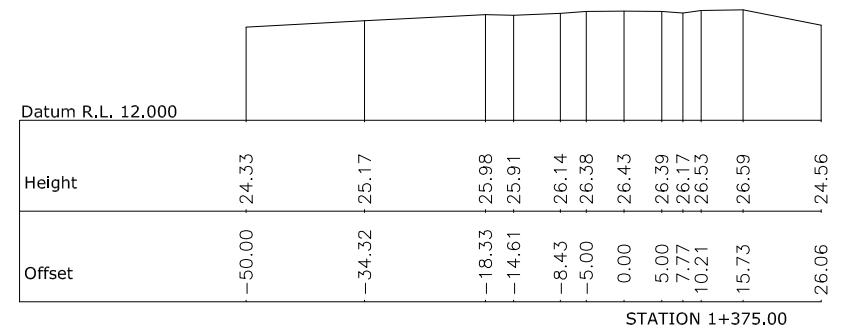
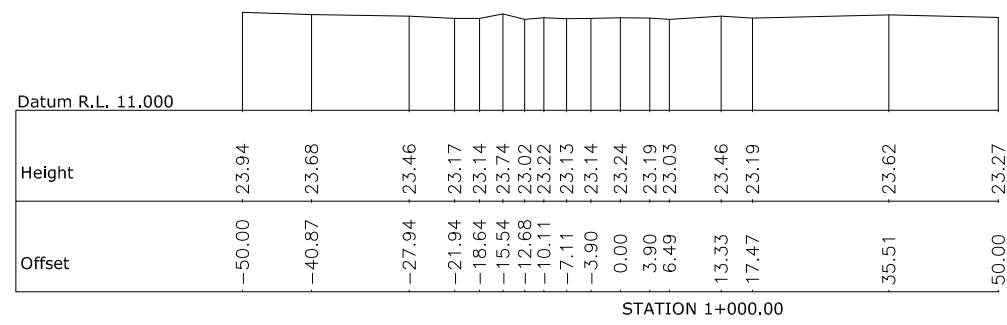
ABBREVIATIONS : PI = POINT OF INTERSECTION PI CH = POINT OF INTERSECTION CHAINAGE E = EASTING N = NORTHING D = DISTANCE FROM BACK STATION B = BEARING AT BACK STATION DA = DEFLECTION ANGLE	LEGEND : TRAVERSE POINTS PROPOSED CENTRE LINE METALLED/PAVED ROAD GAS PIPELINE TRACK POWER LINE (LOW TENSION) FENCING BRIDGE/CULVERT CANAL / WATER COURSE NALLAH	CULTIVATED AREA TREE, DATE TREE HAND PUMP/WELL/TUBEWELL MOSQUE ROW MARKER VALVE ASSEMBLY ANCHOR BLOCK SPOT HEIGHT 6.25	CLIENT: NIPPON KOEI CO., LTD. JAPAN CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE TILTE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD PLAN & PROFILE SHEET CHAINAGE = 2+250 TO 3+000	SHEET #	PP-04
					DRAWN BY	NADEEM BAIG
					SURVEYED BY	IRFAN
					SCALE	H= 1:2000 V= 1:500
					SHEET SIZE	A3
					DATE	FEB. 2016



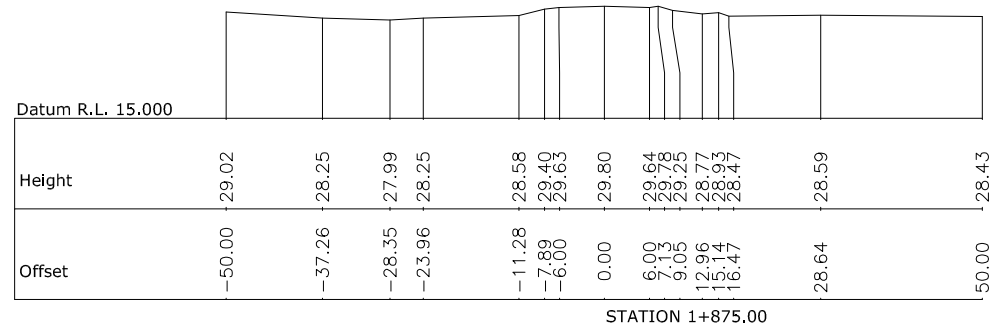
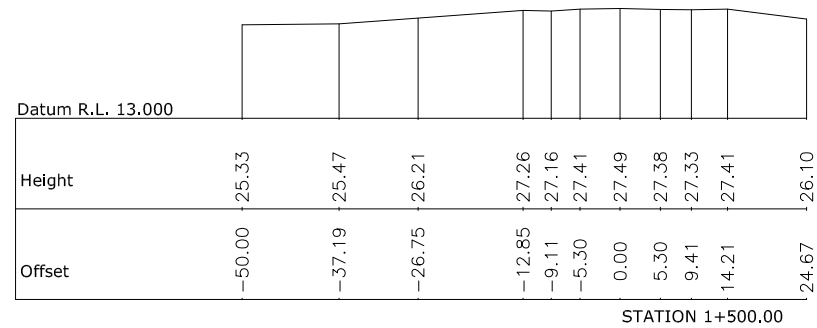
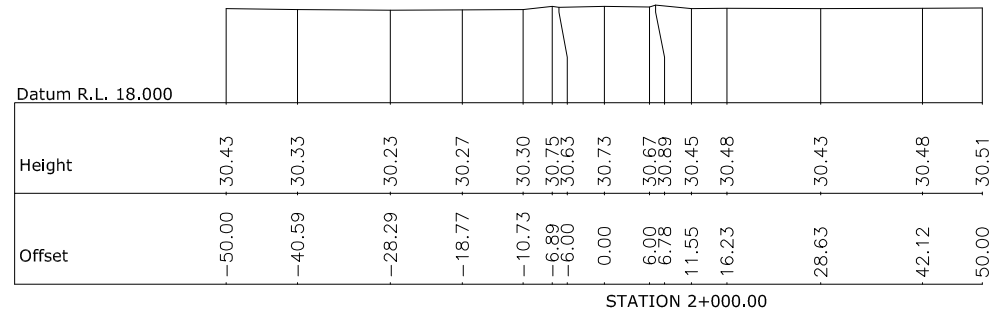
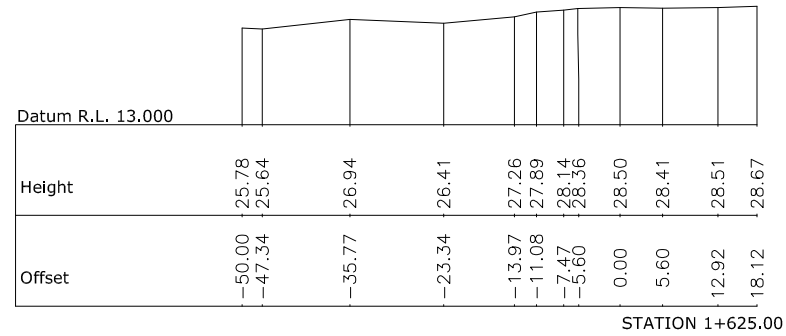
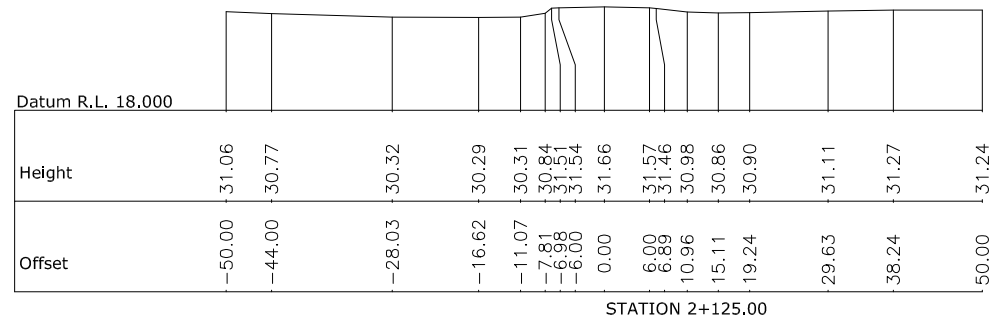
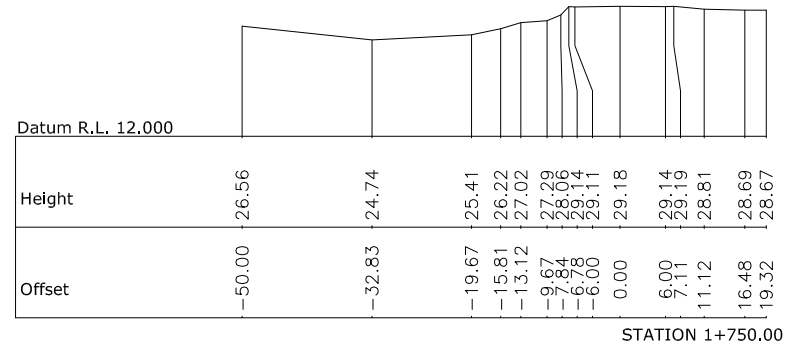
ABBREVIATIONS : PI = POINT OF INTERSECTION PI CH = POINT OF INTERSECTION CHAINAGE E = EASTING N = NORTHING D = DISTANCE FROM BACK STATION B = BEARING AT BACK STATION DA = DEFLECTION ANGLE	LEGEND : TRAVERSE POINTS PROPOSED CENTRE LINE METALLED/PAVED ROAD GAS PIPELINE TRACK POWER LINE (LOW TENSION) FENCING BRIDGE\CULVERT CANAL / WATER COURSE NALLAH	CULTIVATED AREA TREE, DATE TREE HAND PUMP\WELL\TUBEWELL MOSQUE ROW MARKER VALVE ASSEMBLY ANCHOR BLOCK SPOT HEIGHT		CLIENT: NIPPON KOEI CO., LTD. JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET # PP-05
				CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.4 KM ROUTE FROM T JUNCTION TO COAL STORAGE YARD PLAN & PROFILE SHEET CHAINAGE = 3+000 TO 3+203.86	DRAWN BY NADEEM BAIG
				SURVEYED BY IRFAN	SCALE H= 1:2000 V= 1:500	SHEET SIZE A3
				DATE FEB. 2016		



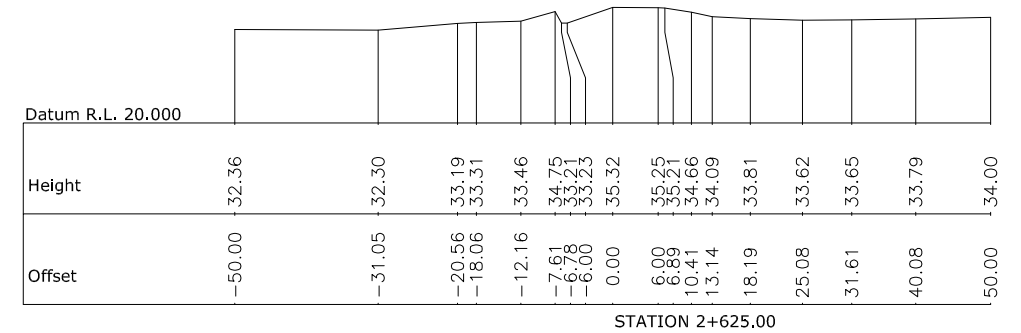
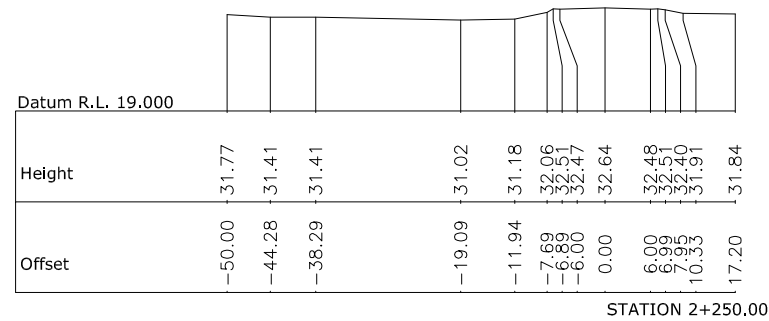
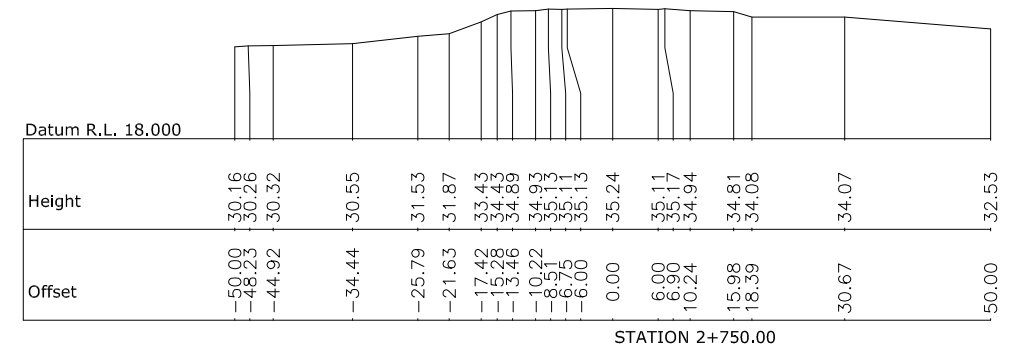
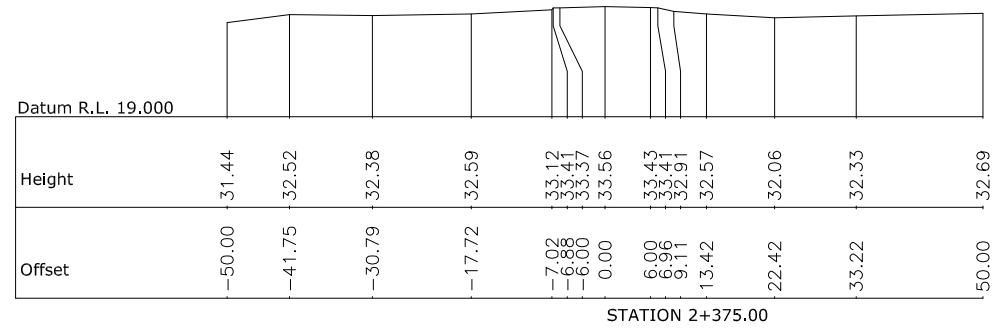
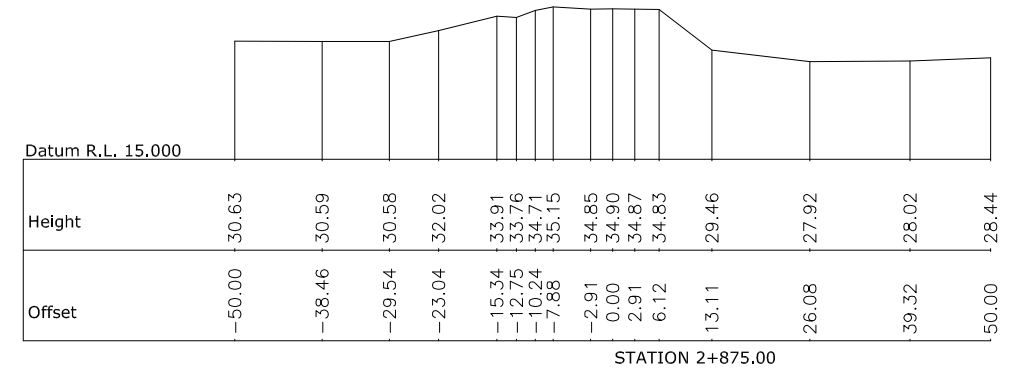
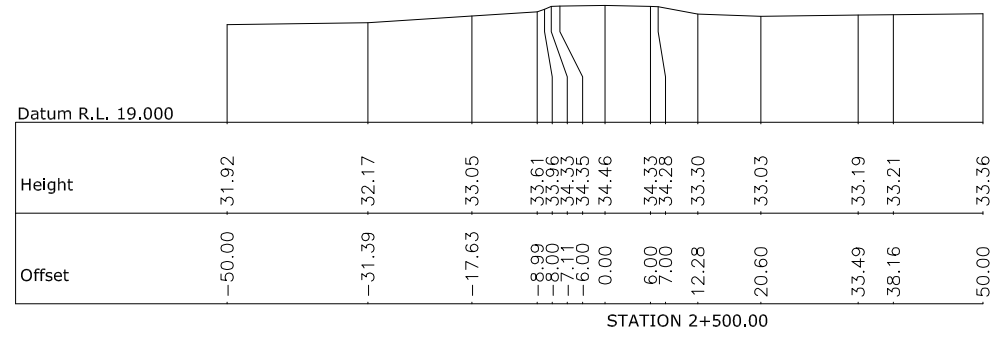
CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	01
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CROSS SECTIONS SHEET CHAINAGE = 0+000 TO 0+625	SURVEYED BY	IRFAN
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		SHEET SIZE	A3
		DATE	FEB. 2016



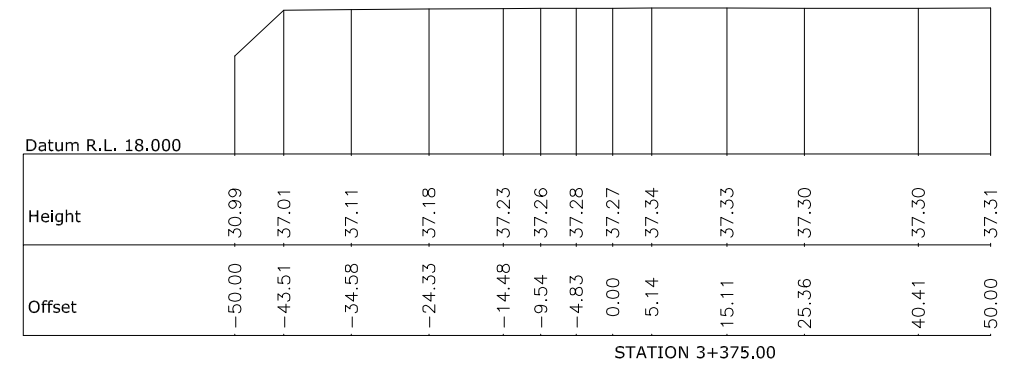
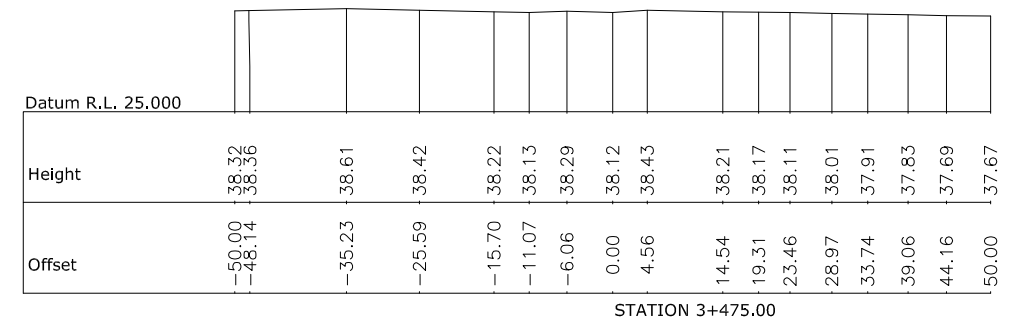
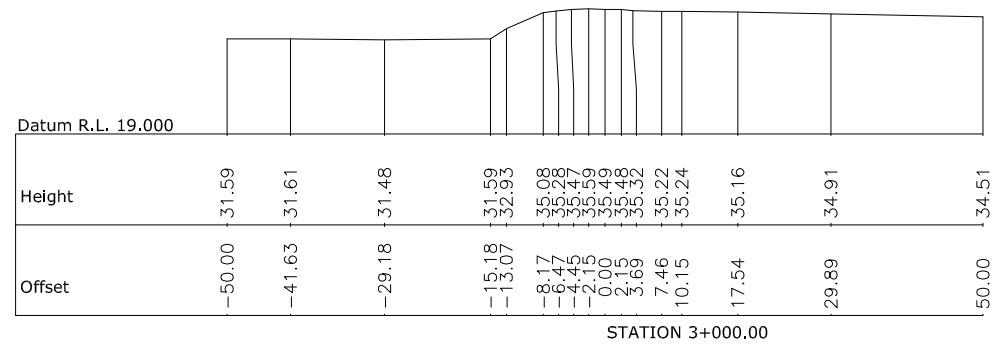
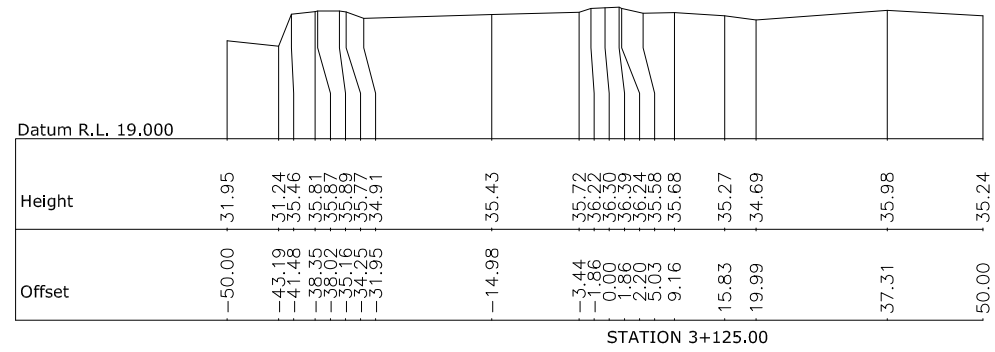
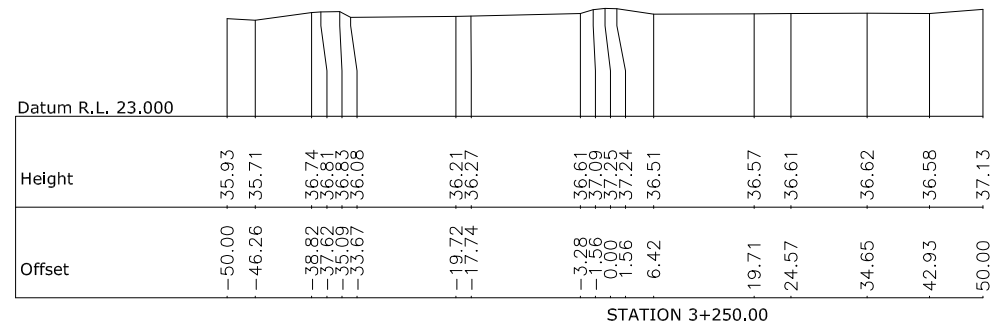
CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	02
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CROSS SECTIONS SHEET CHAINAGE = 0+750 TO 1+375	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016



CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	03
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CROSS SECTIONS SHEET CHAINAGE = 1+500 TO 2+125	SURVEYED BY	IRFAN
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		DATE	FEB. 2016

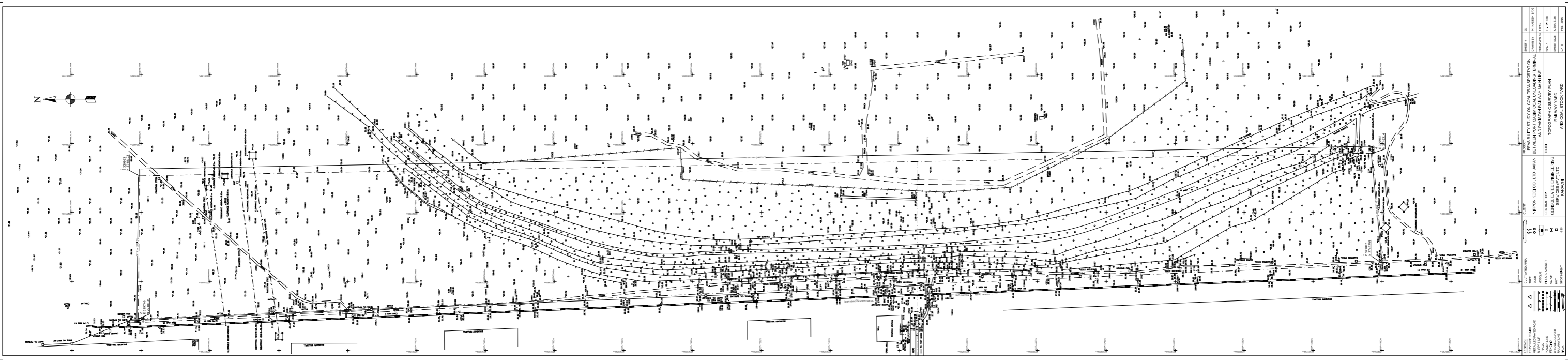
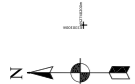


CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	04
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CROSS SECTIONS SHEET CHAINAGE = 2+250 TO 2+875	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016



CLIENT: NIPPON KOEI CO., LTD., JAPAN	PROJECT: FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT QASIM COAL UNLOADING TERMINAL AND PAKISTAN RAILWAY MAIN LINE	SHEET #	05
		DRAWN BY	M. NADEEM BAIG
CONTRACTOR: CONSOLIDATED ENGINEERING SERVICES (PVT) LTD. KARACHI	TILTE: 3.5 KM ROUTE FROM PIBT TO PAKISTAN RAILWAY MAIN LINE CROSS SECTIONS SHEET CHAINAGE = 3+000 TO 3+475	SURVEYED BY	IRFAN
		SCALE	H= 1:200 V= 1:200
		SHEET SIZE	A3
		DATE	FEB. 2016

3.5 COAL STORAGE RAILWAY YARD AREA SURVEY PLAN.



SCALE	1:500
UNIT	MM
DATE	2004.03
PROJECT	FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT GAMA UNLADERS TERMINAL AND FANSTON DOCKERY DAMPUNE
CLIENT	MIYUKI CO. LTD. JAPAN
DESIGNED BY	TOPOGRAPHIC SURVEY PLAN
CHECKED BY	CONSOLIDATED ENGINEERING SURVEYING
APPROVED BY	MIYUKI CO. LTD.
DATE	2004.03
PROJECT	FEASIBILITY STUDY ON COAL TRANSPORTATION BETWEEN PORT GAMA UNLADERS TERMINAL AND FANSTON DOCKERY DAMPUNE
CLIENT	MIYUKI CO. LTD. JAPAN
DESIGNED BY	TOPOGRAPHIC SURVEY PLAN
CHECKED BY	CONSOLIDATED ENGINEERING SURVEYING
APPROVED BY	MIYUKI CO. LTD.
DATE	2004.03

Appendix-3

Form of Monitoring

Form of Monitoring

The latest results of the below monitoring items shall be submitted to the PQA by Contractor .

1. Response/Actions to Comments and Guidance from Governmental Agencies and Public

Monitoring Item	Person in charge	Frequency	Monitoring Result during Report Period	Confirmation by PQA (frequency)
Number and contents of formal comments made by the public	Site manager of contractor	Daily	To be filled by site manager	Local engineer (as soon as possible on necessity)
Number of contents of responses from Government agencies	Site manager of contractor	Daily	To be filled by site manager	Local engineer (as soon as possible on necessity)

2. Pollution

Item	Place/area to be monitored	Way of monitoring	Inspector	Frequency	Monitoring result and countermeasures	Confirmation by PQA (frequency)
Water	River in work site	Visual inspection of water; such as turbidity, oil film	Safety officer of contractor	Daily	To be filled by safety officer	Local engineer (monthly)
Dust	Work site	Operating conditions of water sprinkle vehicle	Safety officer of contractor	Daily	To be filled by safety officer	Local engineer (monthly)
Waste	Work site, contractor's office and worker camp	Visual inspection on garbage, toilet	Safety officer of contractor	Daily	To be filled by safety officer	Local engineer (monthly)

3. Noise

Item	Unit	Measured Value (Mean)	Bangladesh Standards in daytime	Place to be monitored	Frequency	Monitoring result and countermeasures	Confirmation by PQA (frequency)
Noise level	dB		School: 45 dB Residential: 50 dB Mixed residential and commercial: 60 dB Commercial: 70 dB Industrial: 75 dB	Nearest structures as described previously	Daily when equipment works	To be filled by safety officer	Local engineer (monthly)

4. Working Conditions and Accident

Inspected place/area	Way of monitoring	Inspector	Frequency	Monitoring result and countermeasures	Confirmation by PQA (frequency)
Working conditions and accident	Visual inspection on workers hard hat/safety belt, scaffolding, traffic safety etc..	Safety officer of contractor	Daily		Local engineer (monthly)

Appendix-4

Terms of Reference of the External Monitoring Consultant

Terms of Reference of the External Monitoring Consultant

A. Project Background

The Government of Pakistan (GoP) is planning to set up a 660 MW ultra-supercritical coal fired power plant at Lakhra to be financed by the Japan International Cooperation Agency (JICA) and other potential donors. JICA has commissioned the study "Preparatory Survey on Lakhra Coal Fired Thermal Power Plant Construction Project" (the "Lakhra Study") to support the construction of high efficiency, ultra-supercritical, Lakhra Coal Fired Thermal Power Plant (LCPP) of 600 megawatt (MW) net capacity at Lakhra in Jamshoro District of Sindh.

The LCPP project plans to import 2 million tons of coal annually at Pakistan International Bulk Terminal (PIBT) located at Port Qasim. The coal will be then transported to LCPP by the existing railway main line of Pakistan Railway (PR). The nearest railway station on the main line is the Bin Qasim Station located about 9 kilometer (km) from Port Qasim. In anticipation of the new imported coal-based power plants being developed in Jamshoro and in Punjab, PR is planning the improvements at Bin Qasim Station and of the spur line between Port Qasim and Bin Qasim Station. However, currently there is no infrastructure to transport coal between coal unloading terminals at PIBT and the Bin Qasim Station. In this regard, JICA has initiated a feasibility study through Nippon Koei Company (or JICA Study Team, JST) for development of coal transportation between PIBT and PR main line (the "Project").

PQA is preparing the Resettlement Action Plan (RAP) that will mitigate adverse social impacts due to the project. The RAP will be consistent with the IFC Policy on Resettlement. A RAP Implementing Agency i.e. NGO or Social Consulting Firm will be hired by PQA for the implementation of the RAP.



Figure-1: Location of the Project

Key Objective of External Monitoring

Monitoring involves the collection and analysis of data on resettlement activities with the applying accruing information. Monitoring allows project participants to keep track of resettlement activities, to determine whether resettlement objectives are being achieved, and to make whatever changes are necessary to improve resettlement performance.

Evaluation is an assessment of resettlement performance and results in light of stated the objectives. Evaluation for purposes of the RAP is proposed to include a participatory component allowing the project participants to comment on their experience of the project. To be successful, monitoring and evaluation begins with clear resettlement design followed by identification and elaboration of appropriate criteria and indicators.

Indicators and Means for Verification

Indicators form the key elements of any monitoring and evaluation system. Indicators also make possible the comparison of inputs with the completion of outputs and achievement of objectives and goals, thus providing the basis for performance evaluation. Four categories of indicators have been formulated to facilitate monitoring of Progress, Outputs, Effects, Impacts and Compliance in implementing the resettlement.

Effect Monitoring

This will be used to measure the extent to which the immediate objectives have been achieved and give an idea of the results emanating from implementing the RAP e.g., percentage of APs now accessing better housing or improved livelihoods on account of being successfully resettled.

Impact Monitoring

This is the process through which, assessment of the overall achievement of the resettlement goal will be made. Specifically, this is the system that will generate data to gauge success towards implementation of this RAP in terms of impact of the resettlement on the APs. The basis for impact monitoring is the baseline social-economic survey data against which the wellbeing of APs will be compared.

The External Monitoring Consultant (EMC) will review implementation process as per set policies in the RAP and assess the achievement of resettlement objectives, the changes in living standards and livelihoods, restoration of the economic and social base of the affected people, the effectiveness, impact and sustainability of entitlements, the need for further mitigation measures if any, and to learn strategic lessons for future policy formulation and planning.

Scope of Work

The scope of work of the EMC will include the following tasks:

- (1) To review and verify the progress in land acquisition/resettlement implementation of the Project and whether they have been followed as provided in the RAP.
- (2) Provide a summary of whether involuntary resettlement was implemented (a) in accordance with the RAP, and (b) in accordance with the stated policy.
- (3) Verify expenditure & adequacy of budget for resettlement activities.
- (4) Describe any outstanding actions that are required to bring the resettlement activities in line with RAP. Describe further mitigation measures needed to meet the needs of any affected person or families judged and/or perceiving themselves to be worse off as a result of the Project. Provide a timetable and define budget requirements for these supplementary mitigation measures.
- (5) Describe any lessons learned that might be useful in developing the new national resettlement policy and legal/institutional framework for involuntary resettlement.
- (6) To Identify, quantify, and qualify the types of conflicts and grievances reported and resolved and assess whether the consultation and participation procedures followed in accordance with the RAP.
- (7) To identify the strengths and weaknesses of the land acquisition/resettlement objectives and approaches, implementation strategies.
- (8) Identification of the categories of impacts and evaluation of the quality and timeliness of delivering entitlements (compensation and rehabilitation measures) for each category and how the entitlements were used and their impact and adequacy to meet the specified objectives of the plans. The quality and timeliness of delivering entitlements, and the sufficiency of entitlements as per approved policy.
- (9) To review the quality and suitability of the relocation sites from the perspective of the both affected and host communities.

- (10) Review results of internal monitoring and verify claims through sampling check at the field level to assess whether land acquisition/resettlement objectives have been generally met. Involve the affected people and community groups in assessing the impact of land acquisition for monitoring and evaluation purposes.
- (11) To monitor and assess the adequacy and effectiveness of the consultative process with affected APs, particularly those vulnerable, including the adequacy and effectiveness of grievance procedures and legal redress available to the affected parties, and dissemination of information about these.

B. Methodology and Approach

The general approach to be used is to monitor activities and evaluate impacts ensuring participation of all stakeholders especially women and vulnerable groups. Monitoring tools should include both quantitative and qualitative methods. The external monitor should reach out to cover:

- (1) 100% APs who had property, assets, incomes and activities severely affected by Project works and had to relocate either to resettlement sites or who chose to self-relocate, or whose source of income was severely affected.
- (2) 10% of persons who had property, assets, incomes and activities marginally affected by project works and did not have to relocate;
- (3) 10% of those affected by off-site project activities by contractors and sub-contractors including employment, use of land for contractor's camps, pollution, public health etc.;

C. Other Stakeholders and their Responsibility

1. PQA:

PQA will establish, for the Project, a Project Management Unit (PMU) headed by a Project Manager (PM), at the project office that will be responsible for the overall execution of the Project. The PM will work on deputation from PQA. The project will be overseen by the PM, PMU. One implementation committee will be formed to provide overall guidelines and cooperation for project implementation and keep liaison with various stakeholders including Donor, different government organizations and other relevant agencies.

- (1) Acquire, hold, manage and dispose of land and other property to private sector developers, to carry out the planning, engineering, design, construction, marketing, sales and other operations under the regulations of master plan
- (2) Execute works in connection with the utilization of infrastructure such as supply and discharge of water, electricity, transportation and other services and amenities and generally to do anything necessary or expedient for purposes of such development and for purposes incidental thereto, provided that save as provided in this Act, nothing contained in this Act shall be construed as authorizing the disregard by the Authority of any law for the time being in force.
- (3) Lead, monitor and evaluate the implementation of the project.

2. External Monitoring Consultant (EMC):

The EMC will be engaged to assist PQA during construction and operation stage for implementation of the RAP. The tasks of the EMC are to:

- (1) Verify results of internal monitoring;
- (2) Assess whether resettlement objectives have been met; specifically, whether
- (3) Livelihoods and living standards have been restored or enhanced;
- (4) Assess resettlement efficiency, effectiveness, impact and sustainability, drawing
- (5) Lessons as a guide to future resettlement policy making and planning; and
- (6) Ascertain whether the resettlement entitlements were appropriate to meeting the objectives, and whether the objectives were suited to AP conditions.
- (7) Undertake any other assessment relevant to the resettlement process.

D. Team Composition of EMC

Table-1 Team composition and qualifications

Position/expertise	Qualification and experience
1. Team Leader/ Resettlement Expert	Masters in social science with 10 years working background in planning, implementation and monitoring of involuntary resettlement for infrastructure projects. Experience in institutional capacity analysis and implementation arrangement for preparation and implementation of resettlement plans, and knowledge in latest social safeguard policies of the international development

	financing institutions in Pakistan
2. Social Impact Specialist/Anthropology	Masters in social science with 5 years working experience in social impact assessment including census and socio-economic surveys, stakeholders' consultation, and analysing social impacts to identify mitigation measures in compliance with social safeguard policies of the international development financing institutions and national legislations. Experience of preparing resettlement framework and action plans and implementation of plans for externally financed projects is essential.
3. Data Analyst	Graduate with working experience and knowledge of software, preferably relational, those are most commonly used in Pakistan; demonstrated ability to design and implement automated MIS(s) for monitoring progress, comparing targets with achieved progress and the procedural steps

E. Time Frame and Reporting

External monitoring of the RAP will be undertaken alongside that of other project components. EMA will take place as follows:

Post Project Monitoring:

In order to determine final impacts of the resettlement activity, a final evaluation cum an impact assessment will be undertaken 6 months after conclusion of resettlement to evaluate whether the intended objectives were realised. For this, suitable baseline indicators related to income, assets, land ownership, expenditure pattern of key activities, housing conditions, access to basic amenities, demographic characteristics, indebtedness, etc. will be applied.

The monitoring reports should be submitted to PQA. An evaluation report at the end of the project should be submitted to the PQA and concerned parties with critical analysis of the achievement of the program and performance of PQA and PMU.

The external monitors will provide monitoring and evaluation report covering the following aspects:

- Whether the resettlement activities have been completed as planned and budgeted;
- The extent to which the specific objectives and the expected outcomes/results have been achieved and the factors affecting their achievement or non-achievement;
- The extent to which the overall objective of the Resettlement Plan, pre project or improved social and economic status, livelihood status, have been achieved and the reasons for achievement / non achievement;
- Major areas of improvement and key risk factors;
- Major lessons learnt; and
- Recommendations.

F. Qualification of the EMC

The EMC will have at least 5 years of experience in resettlement policy analysis and implementation of resettlement plans. Further, work experience and familiarity with all aspects of resettlement operations would be desirable. NGOs, Consulting Firms having requisite capacity and experience as follows can qualify for services of and external monitor for the project.

- (1) NGOs, Consulting firms duly registered with GoP agencies or a department of any recognized university is eligible.
- (2) The applicant should have prior experience in social surveys in land based infrastructure projects and preparation of Resettlement Plan (RP), RAP/Resettlement Action Plan (RAP), Land Acquisition and Resettlement Action Plan (LARAP) as per guidelines on involuntary resettlement of any of the JICA, ADB, World Bank and DAC-OECD.
- (3) The applicant should have extensive experience in implementation and monitoring of resettlement plans, including the preparation of implementation tools.
- (4) The applicant should be able to produce evidences of monitoring using tools such as computerized Management Information System with set criteria for measuring achievement.

- (5) The applicant should have adequate manpower with capacity and expertise in the field of planning, implementation and monitoring of involuntary resettlement projects as per donor's guidelines.

End

Appendix-5

Letters from the Stakeholders

Letters from the Stakeholders

1. TOYOTA Indus Motor Company

**INDUS MOTOR COMPANY LTD.**

March 9, 2016

Ref No: IMC-PG/HB-ISB/160309

Mr. Vaqar Zakaria
 Managing Director
 Hagler Bailly Pakistan (Private) Limited
 Block 1, Commercial Area, Street 21 F8/2
 Islamabad, 44000

Dear Sir,

**Environmental Impact Assessment – Stakeholder Consultations
 Coal Transportation between Port Qasim and Pakistan Railway Line**

We refer to your letter of Feb 1, 2016 seeking stakeholder engagement on the above matter. It was circulated by Bin Qasim Association of Trade & Industry (BQATI) on Feb 19, 2016 amongst its members for sharing their concerns with your organization as EIA consultants for JST (JICA Study Team).

Subsequently, your Senior Engineer Mr. Hussain Ali visited us and shared the project outline, while our team voiced serious concerns over the proposed overhead conveyor belt routing through the industrial zone adjacent to IMC manufacturing facilities and its potential direct fallout on our operating environment.

Through this letter, we wish to record our strong dissent on the proposed coal transportation route as impact of this project will have serious ramifications on our product quality, greatly expose our people to health and safety risks, pollute the operating environment, and all of it will lead to production inefficiency and increase the cost of doing business thus affecting the competitiveness of the industry.

Our rationale is as follows:

1. Automotive painting and engine and transmission assembly processes are highly sensitive to air quality and ambient conditions. If the coal conveyor routing goes ahead as planned, the coal dust emissions into the atmosphere from coal conveyor and coal stockpile will have disastrous consequences on our product quality and product performance. In turn, it will lead to inefficiency of our operations and extend product delivery time to end user.
2. Our state of the art sheet metal stamping press shop showcasing advanced technology works at high GSPH efficiency. With the finest stamping dies, we are producing vehicle stamping parts with an accuracy level that is measured in microns. We apprehend that coal dust particles will contaminate the lubrication and damage press and dies.
3. Our existing air filtration and dust prevention systems will need to be frequently overhauled and or replaced to cater to more polluted environment requiring major cash outlays.

Plot No. N.W.Z/1JP-1, Port Qasim Authority, Karachi.
 Phone: (021) 34720041 - 48
 Fax: (92-21) 34720036, 34720038, 34720039
 (92-21) 34720054, 34720056

Postal Address:
 Post Box No. 9005, Quaidabad Landhi,
 Head Post Office, Karachi-75120

Islamabad Office: 1-B, 1st Floor, Awan Arcade,
 Nazimuddin Road, Islamabad.
 Phone: (92-51) 2810222, 2810333, 2810300-01
 Fax: (92-51) 2810302



www.toyota-indus.com

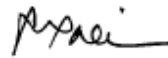
4. The south side entrance of our facility is exclusively dedicated for round the clock part supplies to the plant from the seaports and the local part producers. This is in close vicinity to the proposed site for overhead coal conveyor and coal stockyard. The outside area is constantly in use by transporters for parking the vehicles as they wait for their turn to deliver supplies. We foresee severe disruption to our operations as a result of the coal conveyor and coal storage.
5. The coal dust in atmosphere will settle on auto parts stored in our warehouses near to the proposed route of the coal conveyor. It will damage the parts quality and render continuous cleaning impossible.
6. The polluted environment of coal dust with heavy metals will make working conditions unbearable for 3,000+ people (employees, contractors, transporters and visitors) at our facilities daily besides posing a health hazard.

Furthermore, the proposed conveyor belt is dissecting the industrial zone where food, edible oil, gasoline and pharmaceutical businesses are located. The impact on these industries and their people will be adverse.

We recognize the energy requirements of the country and support the government and the JICA initiative to contribute towards the national cause of increasing the power generation capacity, however, based on above detrimental impacts we are opposed to the proposed routing of the coal conveyor and coal stockyard location and request that you capture our concerns in the Environmental Impact Assessment report.

Thanking you,

Sincerely yours,



Parvez Ghias
Chief Executive Officer

Cc: Mr Yasuhiro Tojo, Chief Representative JICA, Pakistan Office - Islamabad

2. AnVitronics Limited



AuVitronics Limited

Precision Plastic Products
March 21, 2016

Mr. Vaqar Zakaria,
Managing Director,
Hagler Bailly Pakistan (Private) Limited,
Block 1, Commercial Area, Street No.21 F8/2,
Islamabad - 44000

Subject: **Environmental Impact Assessment-Stakeholder Consultations
Coal Transportation between Port Qasim and Pakistan Railway Line**

Dear Sir,

We refer to your letter dated 1st February 2016, circulated by Bin Qasim Association of Trade and Industry (BQATI), seeking stakeholder input in the above matter.

As you are the EIA consultants for JICA study team (JST), we would like to register our strong concern over the setting up of overhead conveyer belt going through the industrial zone and setting up of coal stockyard in the location shown in the map.

Both these projects will generate coal dust emissions polluting our whole factory environment. This will cause health and safety risks for our people, and damage our installed plants and equipment.

Our plant was setup two years back adjacent to the Port Qasim Bridge in Plot SP-6, NWIZ/1/P/133-C, North West Industrial Zone, for the manufacturing of Precision Auto parts, and Pharmaceutical Packaging material with Technical agreement with world renowned Japanese and Korean Companies. We have installed state of the art Vacuum Metalizing, and Eye Drop bottle manufacturing facility in Class- 100 Clean Room environment. Our existing air filtration and dust prevention system will completely choke with the coal dust, and the clean room facility will be impossible to operate in this increased polluted atmosphere due to coal transportation and storage.

Our Precision Plastic parts manufacturing molding machines and molds require dust free environment. We apprehend that the coal dust particles will damage the polished surfaces of molds, and tie bars of machines. Our existing air filtration units will need frequent overhauling and replacement to cater to the polluted environment, thereby increasing cost of production and affecting the competitiveness of our industry.

We request you to kindly consider the detrimental impact of this project on the existing manufacturing facility and relocate the conveyor and storage facility of coal to any other location outside the industrial area.

Thanking you,

Yours sincerely,

Syed Abbas-ul-Husaini
Chief Executive Officer

Registered Office : 3rd Floor, Siddique Sons Tower, Plot # 3, Block 7/8, Jinnah Co-Operative Housing Society,
Shahrah-e-Faisal, Karachi Pakistan. Phone: 34312030
Manufacturing Unit-1 : A-137, 138, 153, 154, H.I.T.E., Hub Distt. Lasbela, Balochistan. Phone : 0853-303014, Fax: 0853-303013
Manufacturing Unit-2 : Plot SP-6, NWIZ/1/P-133/C, North West Industrial Zone, Port Qasim Authority, Karachi.
Ph: 34750601-8, 34750610-14, Fax: 34750609
Email: avt@auvitronics.com, Website: www.auvitronics.com



ISO 9001:2008



ISO 14001 : 2004



Accreditation No. 011

OHSAS 18001:2007



3. Agility



To,
Mr. Vaqar Zakaria,
Managing Director,
Hagler Bailly Pakistan (Private) Limited
Block 1, Commercial Area, Street 21/ F8/2
Islamabad.

Subject: Reservations over the proposed Coal Conveyor Belt routed through NWIZ of PQA.

Dear Sir,

This is with reference to proposed elevated coal transportation route passing through North Western Industrial Zone, Port Qasim Authority. Our response on the proposed conveyor is stated hereunder;

It is proposed that the conveyor will run in between the road in Port Qasim Area. Present road network of PQA is not designed to cater construction of such huge conveyors. These roads are not suitably constructed even to handle the movement of 40-60 feet long trailers. Therefore, presence of such conveyors would result in frequent traffic problems and accidents by hitting to the pillars on which conveyor would be cradled.

Construction work for the conveyor would result in severe environmental impacts such as erosions, air pollution, noise pollution and disturbance of flora and fauna. The project may generate air emission due to loading and unloading of coal on the conveyor belt, transportation and storage of coal in the coal stockpile. Even the covered conveyors are meant only to prevent the rain from wetting the coal. This transportation will result in coal dust in the wind and will result in deteriorating the ambient air quality of the area because of coal dust and traces of heavy metals which are highly toxic in nature for human health.

Roads and throughways which would run parallel or underneath the conveyor belt will create a danger zone because of hazard of falling conveyor parts or falling loads of coal –when machine parts break or there is a sudden jarring in sub-assemblies of the aging material parts of the system.

This coal conveyor will have adverse impacts on the already existing and operational food, pharmaceutical and other industries in the area. This will result in contamination of products, deterioration of quality of food chain and health hazard for the users.

Agility being a socially responsible corporate entity has invested a lot in HSSE projects at its warehouses situated at Port Qasim area. Agility is operating a huge cold plant and cold products supply chain operations at its facilities at Port Qasim for some of its renowned clients. This coal conveyor project will adversely affect the compliance parameters of running such operations in PQA area.

A handwritten signature in blue ink, appearing to be "Vaqar Zakaria", is written over a light blue horizontal line.

2nd Floor, Progressive Centre, Block-6, F.E.C.H.S.,
Main Shahrah-e-Faisal, Karachi. Tel: +92-21-111-436-436, Fax: +92-21-34383763 & 4
E-mail: kbi@agility.com 

Agility (Private) Limited



In Port Qasim area considerable number of warehouses exists and it is a flourishing industry at Port Qasim area. Construction of conveyor for coal transportation will negatively affect the suitability of Port Qasim for warehousing industry and will result in decrease in revenue of PQA.

As per our understanding in PQA Master plan 2000-2050 there is a clear marked indication / provision of railway line which is to be built to carry out such dirty bulk cargo from PQA to their final destination. Proposed conveyor belt to transport dirty bulk cargo is clear deviation from PQA Master Plan 2000-2050 therefore it is requested that same may please be followed in letter and spirit.

We are looking for your affirmative response in this matter.

Sincere regards

A handwritten signature in blue ink, appearing to read "Mohammed Shakil Khan", with a long horizontal flourish extending to the right.

Mohammed Shakil Khan
General Manager Administration & Procurement



March 31, 2016

Mr Agha Jan Akhtar
Chairman PQA
Chairman Secretariat
Port Qasim Authority
Karachi

Subject: Reservations against the Coal Transportation between Port Qasim and Pakistan Railway Main line

Respected Sir

With reference to subject captioned above it is hereby submitted that the proposed project entails serious environmental impacts posing threats to pharmaceutical industry.

The proposed design of elevated conveyor belt shows its passing through PharmEvo's main entrance gate which will expose it to the following direct impacts:

1. Pharmaceutical industry is one of highly regulated and sophisticated industry, since we deal in manufacturing of life saving medicines, clean air is one of the basic requirement of our processes. The proposed project will result in contamination of air, and undue burden on the air filtration. We apprehend that despite installation of air filtration systems the contamination wouldn't be fully controlled resulting in exposure of products to air borne contamination.
2. The coal dust generated from elevated conveyor belt shall cause serious threats to the health and safety of our employees.
3. As per M/s Hagler's estimation 10 million tons coal would be transported annually, and even a minor dust generating quantity of such gigantic volume would cause wide devastating effects on plantation / green chemistry in this area.
4. Last but not the least Port Qasim Industrial Zone has several food, edible oil, rice, meat processing, pharmaceutical and other industries which are working under stringent monitoring of national and international regulatory authorities this project would lead to all industries into serious regulatory implications and could cause heavy stroke to the economic growth and environmental pollution of the area.

Cont'd on page 2/2...

PharmEvo (Private) Limited

402, Business Avenue, Block-6,
P.E.C.H.S., Shahrah-e-Faisal,
Karachi-75400, Pakistan.
Tel: (92-21) 34315195-7, 34556330
Fax: (92-21) 34556344
E-mail: mail@pharmevo.biz
Website: www.pharmevo.biz

FACTORY:

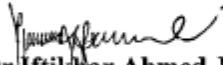
A-29, North Western Industrial Zone,
Port Qasim karachi-75020, Pakistan.
Tel: (92-21) 34720155-59
Fax: (92-21) 34720161

We would like to reiterate that PharmEvo (Pvt) Limited is one of the leading pharmaceutical manufacturer in Pakistan, contributing towards development of healthy society and providing employment opportunities besides exporting its products to foreign countries and contributing its due share in economic growth of the country.

We would highly appreciate that in the best interest of national health and industrial growth of country the proposed project may please be withheld unless safe and harmonized alternate solution is deliberated with the consensus of all industries stakeholders.

Thanking you for your kind consideration.

Yours sincerely


Dr Iftikhar Ahmed Jafri
Chief Operating Officer

Copy for information to:

1. Mr. Vaqar Zakaria, MD, Hagler Bailly Pakistan (Private) Limited, Islamabad
2. Mr. Yasuhiro Tojo, Chief Representative JICA, Pakistan office, Islamabad
3. Mr. Shabbir Ahmed Kazi, DG Technical, Port Qasim, Karachi
4. Mr Mian Muhammad Ahmed, Patron in Chief, BQATI, Karachi
5. Mr Salman Farooqi N.I., Wafaqi Mohtasib (Ombudsman), Islamabad & Karachi

PharmEvo (Private) Limited

402, Business Avenue, Block-6,
P.E.C.H.S., Shahrah-e-Faisal,
Karachi-75400, Pakistan.
Tel: (92-21) 34315195-7, 34556330
Fax: (92-21) 34556344
E-mail: mail@pharmevo.biz
Website: www.pharmevo.biz

FACTORY:

A-29, North Western Industrial Zone,
Port Qasim karachi-75020, Pakistan.
Tel: (92-21) 34720155-59
Fax: (92-21) 34720161