

CALCULATED SURVEY DATA

006355

SET-UP STATION = 3063
 BACKSIGHT STATION = 3014

HI = 1.950 H.EDM = 1.550
 Reference Horizontal Angle = 000-00-00
 Reference Backsight Azimuth = 063-26-21

Location = 6515.955 N 2706.448 E 1290.210 El.
 Location = 6767.594 N 3209.816 E 1317.764 El.

Comments =
 Instrument = TOTAL STATION

Line	Shot	Bench	Type	No.	Horiz. Angle	Zenith Angle	Horiz. Distance	Shot Azimuth	Vertical Distance	Height Target	Height Boost	Offset T Dist.	Coordinates			
													Northing	Easting	Elevation	
R	1234	19	07	1	005-49-18	094-22-53	172.133	069-15-39	-13.187	1.470	0.000	0.0	6576.910	2867.427	1277.103	✓
A	1234	19	01	1	016-58-13	094-08-06	182.280	080-24-34	-13.176	1.470	0.000	0.0	6546.324	2866.181	1277.114	✓
B	1234	19	02	1	018-15-59	093-33-07	212.469	081-42-20	-13.186	1.470	0.000	0.0	6546.606	2916.695	1277.104	✓
C	1234	19	03	1	019-17-53	093-01-39	242.571	082-44-14	-12.825	1.470	0.000	0.0	6546.621	2947.073	1277.465	✓
S	1234	19	08	1	014-37-23	092-30-42	292.752	078-03-44	-12.836	1.470	0.000	0.0	6576.511	2992.869	1277.454	✓
D	1234	19	04	1	020-11-07	092-35-37	272.652	083-37-28	-12.346	1.470	0.000	0.0	6546.232	2977.414	1277.944	✓
G	1234	19	06	1	026-29-00	093-01-46	244.509	089-55-21	-12.936	1.470	0.000	0.0	6516.286	2950.957	1277.354	✓
F	1234	19	05	1	034-10-49	093-19-50	226.776	097-37-10	-13.194	1.470	0.000	0.0	6485.886	2931.222	1277.096	✓
H	1234	19	11	1	036-55-51	094-37-41	167.103	100-22-12	-13.525	1.470	0.000	→ 0.0	6485.876	2870.821	1276.765	✗
I	1234	19	13	1	026-34-07	094-35-54	184.198	090-00-28	-13.205	1.470	0.000	0.0	6515.933	2870.646	1277.085	✓
M	1234	19	15	1	058-04-04	094-07-21	174.488	121-30-25	-12.574	1.470	0.000	0.0	6424.768	2855.212	1277.716	✓
N	1234	19	14	1	053-16-13	093-32-17	200.691	116-42-34	-12.406	1.470	0.000	0.0	6425.752	2885.725	1277.884	✓
O	1234	19	16	1	050-42-34	093-05-42	223.097	114-08-55	-12.060	1.470	0.000	0.0	6424.685	2910.021	1278.230	✓
V	1234	19	17	1	069-12-04	093-11-07	223.841	132-38-25	-12.454	1.470	0.000	0.0	6384.327	2871.110	1277.836	✓
U	1234	19	18	1	075-06-59	093-27-36	201.952	138-33-20	-12.208	1.470	0.000	0.0	6364.572	2840.119	1278.082	✓
T	1234	19	19	1	082-16-36	093-48-47	183.146	145-42-57	-12.204	1.470	0.000	0.0	6364.630	2809.614	1278.086	✓
Y	1234	19	09	1	097-29-49	093-14-36	224.349	160-56-10	-12.710	1.470	0.000	0.0	6303.910	2779.726	1277.580	✓
E	1234	19	10	1	020-46-08	090-53-01	302.923	084-12-29	-4.666	1.470	0.000	0.0	6546.525	3007.825	1285.624	✓
J	1234	19	22	1	033-11-00	091-00-37	262.535	096-37-21	-4.625	1.470	0.000	0.0	6485.678	2967.231	1285.665	✓
P	1234	19	23	1	047-15-39	091-11-33	257.218	110-42-00	-5.350	1.470	0.000	0.0	6425.035	2947.061	1284.940	✓



CALCULATED SURVEY DATA

SET-UP STATION = 3061 HI = 1.622 H.EDM = 1.622 Location = 6586.529 N 2608.421 E 1305.168 El.
 BACKSIGHT STATION = 3014 Reference Horizontal Angle = 000-00-00 Location = 6767.594 N 3209.816 E 1317.764 El.
 Reference Backsight Azimuth= 073-14-39

Comments =
 Temp : -5.0000
 Instrument = TOTAL STATION

Line Bench	Shot Type	No.	Horiz. Angle	Zenith Angle	Horiz. Distance	Shot Azimuth	Vertical Distance	Height Target	Height Boost	Offset T Dist.	Coordinates				
											Northing	Easting	Elevation		
916-41	1288	19	SS	1	077-47-35	091-51-25	392.791	151-02-14	-12.724	1.470	0.000	0.0	6242.862	2798.626	1292.596
-42	1288	19	TT	1	083-12-30	092-16-20	373.753	156-27-09	-14.821	3.000	0.000	0.0	6243.898	2757.739	1288.970
-43	1288	19	MM	1	084-04-00	092-20-50	437.180	157-18-39	-17.907	1.470	0.000	0.0	6183.181	2777.055	1287.413
-29	1288	19	TT	1	078-21-25	091-59-15	458.591	151-36-04	-15.900	2.000	0.000	0.0	6183.125	2826.530	1288.890
-30	1288	19	MM	1	083-04-50	092-02-25	507.065	156-19-29	-18.047	2.600	0.000	0.0	6122.140	2812.034	1286.144
-36	1288	19	SS	1	108-41-00	094-00-25	465.847	181-55-39	-32.617	2.000	0.000	0.0	6120.946	2592.752	1272.173
-35	1288	19	NN	1	099-46-55	093-17-45	497.573	173-01-34	-28.637	2.000	0.000	0.0	6092.636	2668.835	1276.153
-37	1288	19	OO	1	101-36-40	093-20-40	526.569	174-51-19	-30.753	1.470	0.000	0.0	6062.080	2655.639	1274.567
-38	1288	19	PP	1	100-10-30	093-15-00	525.831	173-25-09	-29.840	1.470	0.000	0.0	6064.162	2668.683	1275.480
-39	1288	19	QA	1	096-34-50	092-53-50	531.687	169-49-29	-26.889	2.600	0.000	0.0	6063.204	2702.349	1277.301

CALCULATED SURVEY DATA

SET-UP STATION = 3061 HI = 1.727 H.EDM = 1.727 Location = 6586.529 N 2608.421 E 1305.168 El.
 BACKSIGHT STATION = 3014 Reference Horizontal Angle = 000-00-00 Location = 6767.594 N 3209.816 E 1317.764 El.
 Reference Backsight Azimuth= 073-14-39

Comments =
 Instrument = THEODOLITE & EDM

Line Shot	Horiz. Angle	Zenith Angle	Horiz. Distance	Shot Azimuth	Vertical Distance	Height Target	Height Boost	Offset T Dist.	Coordinates		
									Northing	Easting	Elevation
RR AA 1288 GP 45 1	097-25-21	092-46-46	560.118	170-40-00	-27.172	2.500	0.000	0.0	6033.826	2699.259	1277.223
UU 1288 GP 47 1	104-38-46	093-20-25	524.765	177-53-25	-30.610	2.500	0.000	0.0	6062.120	2627.739	1273.786
XX 1288 GP 49 1	104-38-07	093-36-21	464.437	177-52-46	-29.253	2.500	0.000	0.0	6122.410	2625.606	1275.142
YY 1288 GP 51 1	100-57-34	093-26-53	469.766	174-12-13	-28.290	2.500	0.000	0.0	6119.165	2655.864	1276.105
CCC 1288 GP 48 1	091-12-53	093-50-55	354.956	164-27-32	-23.870	2.500	0.000	0.0	6244.550	2703.524	1280.525
46 1288 GP Z 1	088-10-04	093-59-11	298.315	161-24-43	-20.783	2.500	0.000	0.0	6303.775	2703.512	1283.612
44 1288 GP X 1	082-52-43	093-50-22	309.136	156-07-22	-20.740	2.500	0.000	0.0	6303.850	2733.552	1283.655

CALCULATED SURVEY DATA

SET-UP STATION = 3061 HI = 1.650 H.EDM = 1.650 Location = 6586.529 N 2608.421 E 1305.168 El.
 BACKSIGHT STATION = 3014 Reference Horizontal Angle = 000-00-00 Location = 6767.594 N 3209.816 E 1317.764 El.
 Reference Backsight Azimuth= 073-14-39

Comments =
 Instrument = TOTAL STATION

Line	Shot	Horiz.	Zenith	Horiz.	Shot	Vertical	Height	Height	Offset	-----	Coordinates -----			
Bench	Type	No.	Angle	Distance	Azimuth	Distance	Target	Boost	I Dist.	-----	Northing	Easting	Elevation	
1288	19	1	096-33-59	092-53-40	534.639	169-48-38	-27.013	2.600	0.000	0.0	40 6060.322	2703.000	1277.206	V V
1288	19	1	096-49-23	093-19-17	470.466	170-04-02	-27.288	2.600	0.000	0.0	50 6123.114	2689.573	1276.930	A A A
1288	19	1	092-53-41	093-33-27	415.535	166-08-20	-25.822	2.600	0.000	0.0	52 6183.094	2707.970	1278.396	Z Z
1288	19	1	023-06-53	094-04-18	371.730	096-21-32	-26.452	2.600	0.000	0.0	53 6545.357	2977.864	1277.766	FFF ✓