

Level Report

Report created: 04/17/2023 07:27:22

Project Details

General

Project Name: Bel-147-24.65_25.88_Pid 118147
Owner: -
Lead Surveyor: -
Date Created: 03/17/2023 06:19:54
Last Accessed: 04/17/2023 07:24:16
Application Software: Infinity 4.0.2

Customer Details

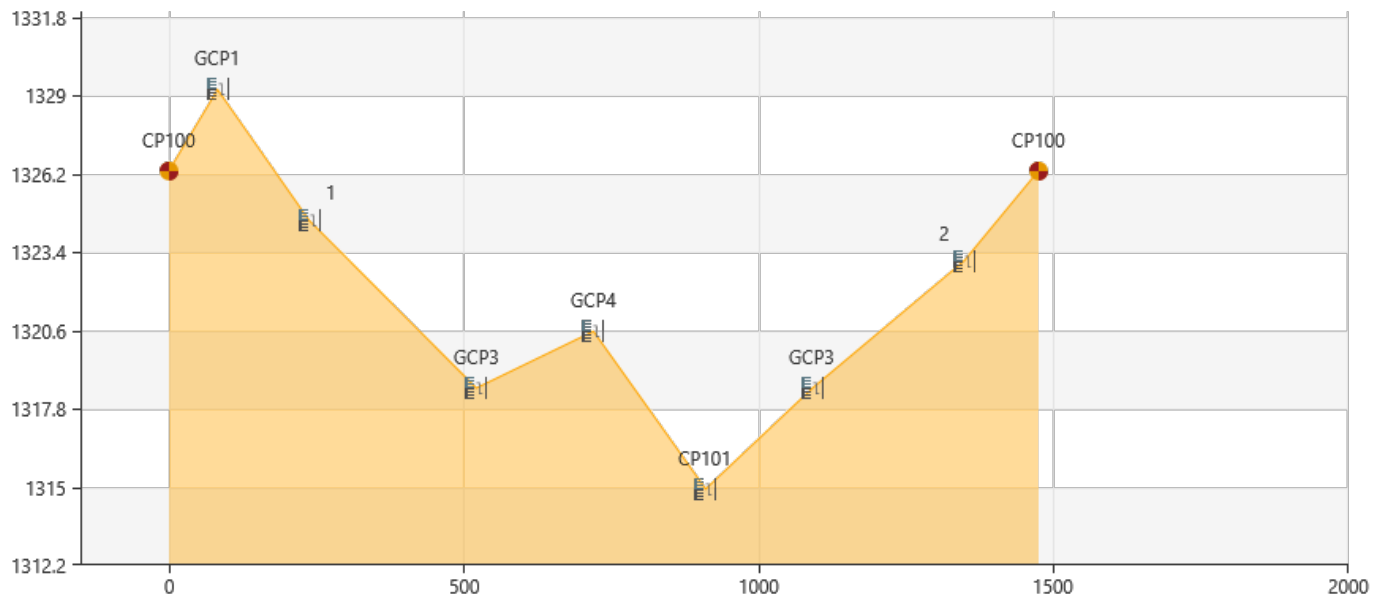
Customer Name: -
Contact Person: -
Number: -
Email: -
Skype: -
Website: -

Master Coordinate System

Coordinate System Name: Belmont
Transformation Type: -
Residual Distribution: None
Ellipsoid: GRS 1980
Projection Type: Transverse Mercator
Geoid Model: OH G18 GRS80
CSCS Model: -

Path: Y:\USERS\survey\PROJECT WISE JOBS\118147\RAW\Bel-147-24.65_25.88_Pid 118147\Bel-147-24.65_25.88_Pid 118147.iprj
Size: 1.0 MB
Comments: -

Level Line Id: LINE00001



General

Date/Time: 4/14/2023 12:39:42 PM
Staff One Id: -
Staff Two Id: -
Start Point: CP100
End Point: CP100
Instrument Type: Dna3/10
Method: BF
Stations: 8
Observations: 16

Results

Height Difference: 0.0000 ftUS
Length: 1,474.6072 ftUS
Misclosure: 0.0002 ftUS
Height Error / Point: 0.0000 ftUS
Total Distance Balance: **-57.7540 ftUS**
Total Station Difference: -

Processing Parameters

Adjustment Method: By Distance
Staff Corrections: Not Applied

Points

Point Id	Date/Time	Height [ftUS]	ΔHeight [ftUS]	SD [ftUS]
CP100	3/17/2023 7:08:26 AM	1,326.3110	-	0.0126
GCP1	4/14/2023 12:40:25 PM	1,329.2056	2.8946	0.0001
1	4/14/2023 12:42:32 PM	1,324.5342	-4.6714	0.0004

GCP2	4/14/2023 12:46:15 PM	1,318.7961	-5.7382	0.0005
GCP3	4/14/2023 12:48:10 PM	1,318.5352	-5.9990	0.0006
GCP4	4/14/2023 12:51:43 PM	1,320.5659	2.0307	0.0011
CP101	4/14/2023 12:52:45 PM	1,314.9309	-5.6349	0.0011
GCP3	4/14/2023 12:54:26 PM	1,318.5333	3.6024	0.0012
2	4/14/2023 12:58:31 PM	1,323.0799	4.5466	0.0012
CP100	3/17/2023 7:08:26 AM	1,326.3110	3.2311	0.0126

Line Tolerances	Observation Tolerances	Point Height Tolerances
Allowable Misclosure E = a	Double Observation Check: 0.0033 ftUS	Height Spread: 0.0656 ftUS
+ b √ L:	Station Difference: 0.0010 ftUS	Max. Difference From Fixed 0.0328 ftUS
a:	Max. Sight Distance: 130.0000 ftUS	Height:
b:	Min. Ground Clearance: 1.6000 ftUS	
L (Level Line Length): 0.2793 mi		
Height Error / Point: 0.0016 ftUS		
Total Distance Balance: 30.0000 ftUS		

Booking Sheet

Point Id	Type	BS [ftUS]	IS [ftUS]	FS [ftUS]	Rise [ftUS]	Fall [ftUS]	Hz Dist. [ftUS]	ΔHeight [ftUS]	ΔHeight Corr. [ftUS]	Height [ftUS]	Remark
CP100		-	-	-	-	-	-	0.0000	0.0000	1,326.3110	
CP100	BS1	7.6088	-	-	-	-	47.6578	-	-	-	
GCP1	FS1	-	-	4.7142	2.8947	-	34.7043	-	-	-	
GCP1		-	-	-	-	-	-	2.8947	0.0000	1,329.2056	
GCP1	BS1	4.7143	-	-	-	-	34.6827	-	-	-	
1	FS1	-	-	9.3857	-	4.6714	120.4214	-	-	-	
1		-	-	-	-	-	-	-4.6714	0.0000	1,324.5342	
1	BS1	2.1354	-	-	-	-	144.8484	-	-	-	
GCP2	IS	-	7.8735	-	-	5.7382	60.4789	-	-	1,318.7961	
GCP3	FS1	-	-	8.1343	-	0.2608	138.7433	-	-	-	
GCP3		-	-	-	-	-	-	-5.9990	0.0000	1,318.5352	
GCP3	BS1	4.7058	-	-	-	-	94.8099	-	-	-	
GCP4	FS1	-	-	2.6751	2.0307	-	103.8568	-	-	-	
GCP4		-	-	-	-	-	-	2.0307	0.0000	1,320.5659	
GCP4	BS1	2.6744	-	-	-	-	103.8844	-	-	-	
CP101	FS1	-	-	8.3093	-	5.6349	86.3121	-	-	-	
CP101		-	-	-	-	-	-	-5.6349	0.0000	1,314.9309	
CP101	BS1	8.3095	-	-	-	-	86.2944	-	-	-	
GCP3	FS1	-	-	4.7071	3.6024	-	94.7567	-	-	-	
GCP3		-	-	-	-	-	-	3.6024	0.0000	1,318.5333	
GCP3	BS1	8.5297	-	-	-	-	142.6009	-	-	-	
2	FS1	-	-	3.9830	4.5467	-	114.3304	-	-	-	
2		-	-	-	-	-	-	4.5467	0.0000	1,323.0799	
2	BS1	6.4933	-	-	-	-	53.6481	-	-	-	
CP100	FS1	-	-	3.2622	3.2311	-	73.0557	-	-	-	
CP100		-	-	-	-	-	-	3.2311	0.0000	1,326.3110	