

Level Report

Report created: 03/02/2023 13:31:17

Project Details

General

Project Name: CAR-164-117779
Owner: -
Lead Surveyor: -
Date Created: 02/24/2023 13:23:47
Last Accessed: 03/02/2023 12:55:17
Application Software: Infinity 4.0.2

Customer Details

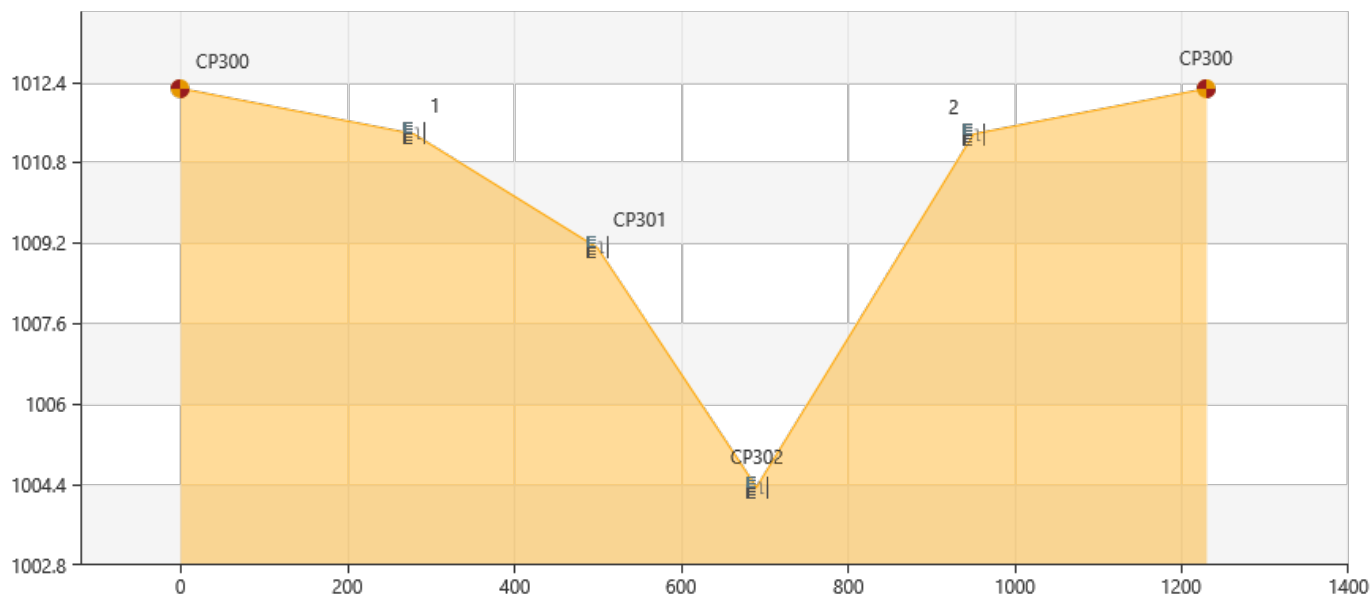
Customer Name: -
Contact Person: -
Number: -
Email: -
Skype: -
Website: -

Master Coordinate System

Coordinate System Name: Carroll_2
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\117779\Raw\Control\CAR-164-117779\CAR-164-117779.iprj
Size: 1.3 MB
Comments: -

Level Line Id: LINE00001



General

Date/Time: 3/2/2023 8:29:20 AM
Instrument Type: Dna3/10
Staff One Id: -
Method: BF
Staff Two Id: -
Stations: 5
Start Point: CP300
Observations: 10
End Point: CP300

Results

Height Difference: 0.0000 ftUS
Length: 1,230.1320 ftUS
Misclosure: 0.0033 ftUS
Height Error / Point: 0.0007 ftUS
Total Distance Balance: -0.6099 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]
CP300	3/2/2023 1:29:28 PM	1,012.2690	-	0.0131
1	3/2/2023 8:31:09 AM	1,011.3651	-0.9039	0.0005
CP301	3/2/2023 8:36:16 AM	1,009.1076	-2.2574	0.0005

CP302	3/2/2023 8:37:49 AM	1,004.3491	-4.7585	0.0006
2	3/2/2023 8:39:47 AM	1,011.3643	7.0152	0.0008
CP300	3/2/2023 1:29:28 PM	1,012.2690	0.9047	0.0131

Line Tolerances

Allowable Misclosure E = a 0.0166 ftUS
+ b √ L:

a: 0.0066 ftUS
b: 0.0208 ftUS/√mi

L (Level Line Length): 0.2330 mi
Height Error / Point: 0.0016 ftUS
Total Distance Balance: 30.0000 ftUS

Observation Tolerances

Double Observation Check: 0.0033 ftUS
Station Difference: 0.0010 ftUS
Max. Sight Distance: 130.0000 ftUS
Min. Ground Clearance: 1.6000 ftUS

Point Height Tolerances

Height Spread: 0.0656 ftUS
Max. Difference From Fixed 0.0328 ftUS
Height:

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
CP300		-	-	-	-	-	-	0.0000	0.0000	1,012.2690	
CP300	BS1	5.7612	-	-	-	-	156.9055	-	-	-	
1	FS1	-	-	6.6644	-	0.9032	122.4801	-	-	-	
1		-	-	-	-	-	-	-0.9032	-0.0008	1,011.3651	
1	BS1	2.6710	-	-	-	-	144.8167	-	-	-	
CP301	FS1	-	-	4.9278	-	2.2568	75.2738	-	-	-	
CP301		-	-	-	-	-	-	-2.2568	-0.0006	1,009.1076	
CP301	BS1	4.9280	-	-	-	-	75.2523	-	-	-	
CP302	FS1	-	-	9.6860	-	4.7580	115.5021	-	-	-	
CP302		-	-	-	-	-	-	-4.7580	-0.0005	1,004.3491	
CP302	BS1	9.6864	-	-	-	-	115.5170	-	-	-	
2	FS1	-	-	2.6705	7.0159	-	144.8479	-	-	-	
2		-	-	-	-	-	-	7.0159	-0.0007	1,011.3643	
2	BS1	6.7334	-	-	-	-	122.2695	-	-	-	
CP300	FS1	-	-	5.8279	0.9055	-	157.2671	-	-	-	
CP300		-	-	-	-	-	-	0.9055	-0.0008	1,012.2690	