

Level Report

Report created: 03/02/2023 13:21:43

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

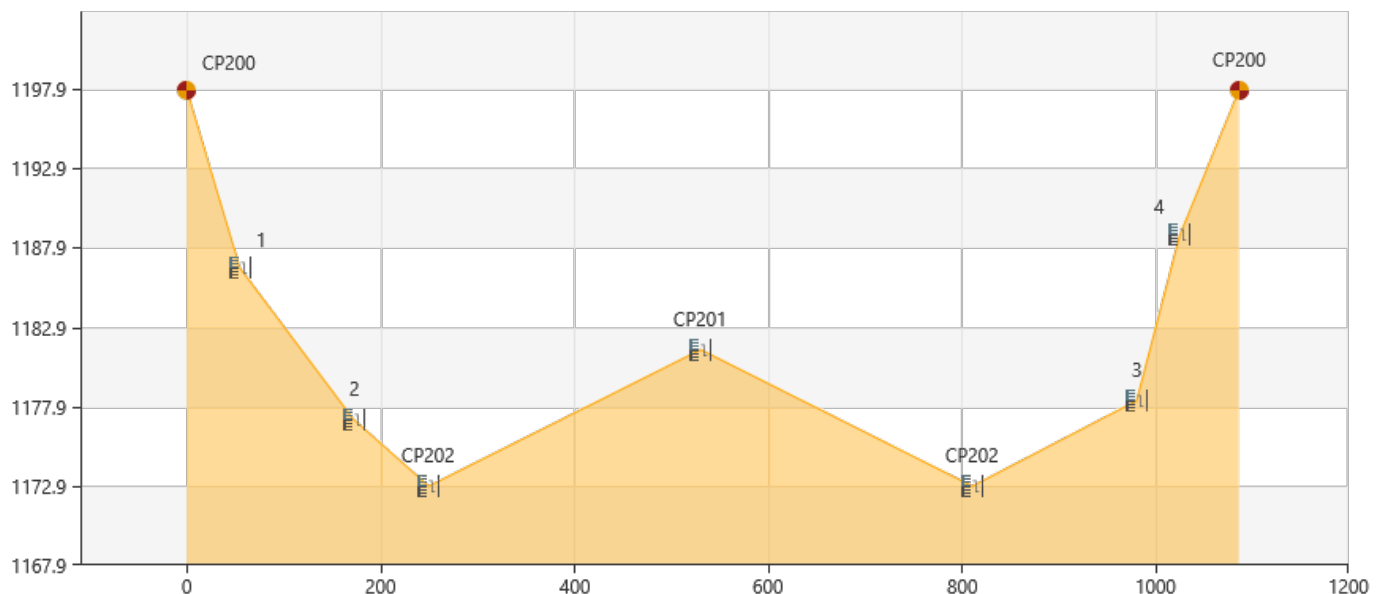
Customer Name: -
Contact Person: -
Number: -
Email: -
Skype: -
Website: -

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: 1.2 MB
Comments: -

Level Line Id: LINE00001



General

Date/Time: 3/2/2023 9:11:20 AM
Instrument Type: Dna3/10
Staff One Id: -
Method: BF
Staff Two Id: -
Stations: 8
Start Point: CP200
Observations: 16
End Point: CP200

Results

Height Difference: 0.0000 ftUS
Length: 1,086.5731 ftUS
Misclosure: -0.0035 ftUS
Height Error / Point: -0.0004 ftUS
Total Distance Balance: -7.8861 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]
CP200	3/2/2023 1:20:03 PM	1,197.7980	-	0.0187
1	3/2/2023 9:12:23 AM	1,186.6085	-11.1895	0.0002
2	3/2/2023 9:20:15 AM	1,177.1080	-9.5005	0.0004

CP202	3/2/2023 9:23:41 AM	1,172.8817	-4.2262	0.0004
CP201	3/2/2023 9:27:29 AM	1,181.4871	8.6053	0.0004
CP202	3/2/2023 9:29:09 AM	1,172.8830	-8.6041	0.0006
3	3/2/2023 9:32:59 AM	1,178.2655	5.3825	0.0007
4	3/2/2023 9:36:28 AM	1,188.7001	10.4345	0.0008
CP200	3/2/2023 1:20:03 PM	1,197.7980	9.0979	0.0187

Line Tolerances

Allowable Misclosure E = a 0.0160 ftUS
+ b √ L:
a: 0.0066 ftUS
b: 0.0208 ftUS/√mi
L (Level Line Length): 0.2058 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
CP200		-	-	-	-	-	-	0.0000	0.0000	1,197.7980	
CP200	BS1	1.2033	-	-	-	-	22.9976	-	-	-	
1	FS1	-	-	12.3930	-	11.1897	31.8096	-	-	-	
1		-	-	-	-	-	-	-11.1897	0.0002	1,186.6085	
1	BS1	1.9818	-	-	-	-	67.5093	-	-	-	
2	FS1	-	-	11.4827	-	9.5009	49.5028	-	-	-	
2		-	-	-	-	-	-	-9.5009	0.0004	1,177.1080	
2	BS1	2.4480	-	-	-	-	43.3300	-	-	-	
CP202	FS1	-	-	6.6744	-	4.2264	34.6952	-	-	-	
CP202		-	-	-	-	-	-	-4.2264	0.0002	1,172.8817	
CP202	BS1	10.0500	-	-	-	-	153.4457	-	-	-	
CP201	FS1	-	-	1.4456	8.6044	-	127.2971	-	-	-	
CP201		-	-	-	-	-	-	8.6044	0.0009	1,181.4871	
CP201	BS1	1.4450	-	-	-	-	127.2826	-	-	-	
CP202	FS1	-	-	10.0499	-	8.6050	153.4960	-	-	-	
CP202		-	-	-	-	-	-	-8.6050	0.0009	1,172.8830	
CP202	BS1	8.4495	-	-	-	-	60.4988	-	-	-	
3	FS1	-	-	3.0675	5.3820	-	109.1319	-	-	-	
3		-	-	-	-	-	-	5.3820	0.0005	1,178.2655	
3	BS1	12.1342	-	-	-	-	26.0774	-	-	-	
4	FS1	-	-	1.6998	10.4348	-	18.5629	-	-	-	
4		-	-	-	-	-	-	10.4344	0.0001	1,188.7001	
4	BS1	10.7942	-	-	-	-	38.2021	-	-	-	
CP200	FS1	-	-	1.6965	9.0978	-	22.7341	-	-	-	
CP200		-	-	-	-	-	-	9.0978	0.0002	1,197.7980	