

Level Report

Report created: 05/17/2022 08:24:59

Project Details

General

Project Name: Hol-179-03.90_PID 111085
Owner: -
Lead Surveyor: -
Date Created: 05/17/2022 08:07:11
Last Accessed: 05/17/2022 08:07:11
Application Software: Infinity 3.4.0

Customer Details

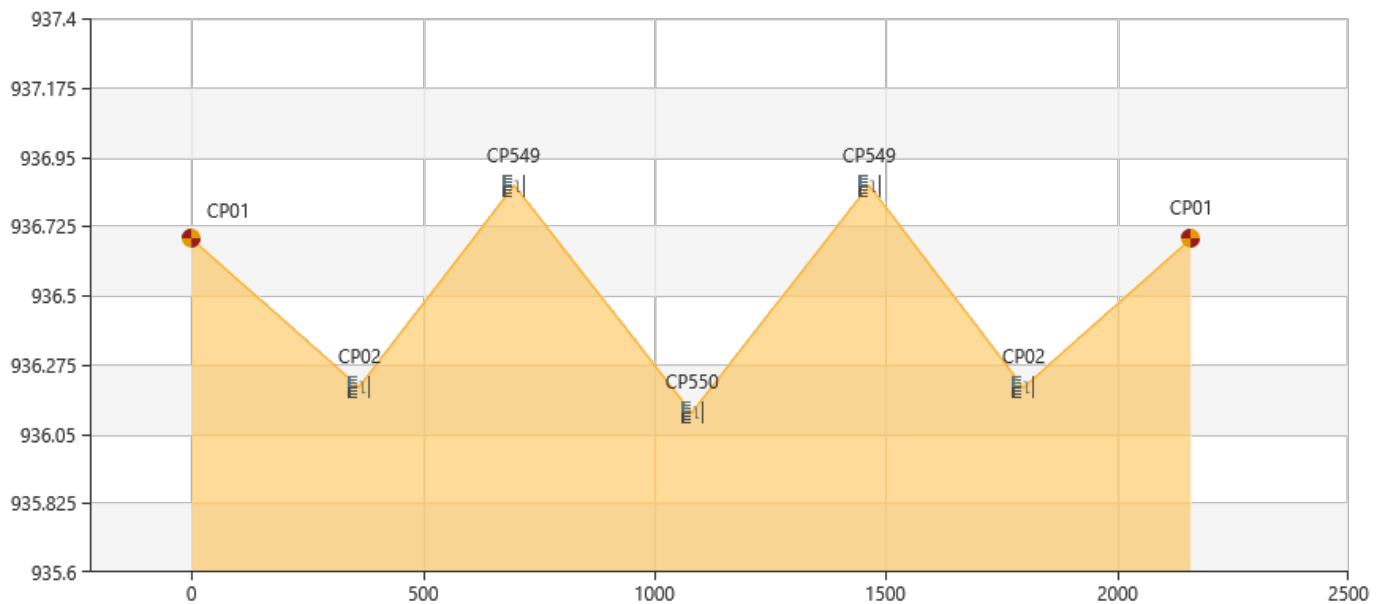
Customer Name: -
Contact Person: -
Number: -
Email: -
Skype: -
Website: -

Master Coordinate System

Coordinate System Name: OHIO NORTH
Transformation Type: Classical 3D
Residual Distribution: None
Ellipsoid: GRS 1980
Projection Type: Lambert two
Geoid Model: OH G18 GRS80
CSCS Model: -

Path: Y:\USERS\survey\PROJECT WISE JOBS\111085\Control\Hol-179-03.90_PID 111085\Hol-179-03.90_PID 111085.iprj
Size: 0.6 MB
Comments: -

Level Line Id: LINE00001



General

Date/Time: 12/4/2022 10:22:05 AM
Staff One Id: -
Staff Two Id: -
Start Point: CP01
End Point: CP01
Instrument Type: Dna3/10
Method: BF
Stations: 6
Observations: 12

Results

Height Difference: 0.0000 ftUS
Length: 2,158.5325 ftUS
Misclosure: -0.0024 ftUS
Height Error / Point: -0.0004 ftUS
Total Distance Balance: 5.4448 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]
CP01	5/17/2022 8:13:56 AM	936.6830	-	-
CP02	12/4/2022 10:24:10 AM	936.2019	-0.4811	0.0020
CP549	12/4/2022 10:29:50 AM	936.8571	0.6552	0.0021

CP550	12/4/2022 10:41:09 AM	936.1185	-0.7386	0.0021
CP549	12/4/2022 10:44:54 AM	936.8571	0.7386	0.0022
CP02	12/4/2022 10:49:47 AM	936.2004	-0.6567	0.0062
CP01	5/17/2022 8:13:56 AM	936.6830	0.4826	-

Line Tolerances

Allowable Misclosure E = a 0.0199 ftUS
+ b √ L:
a: 0.0066 ftUS
b: 0.0208 ftUS/√mi
L (Level Line Length): 0.4088 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
CP01		-	-	-	-	-	-	0.0000	0.0000	936.6830	
CP01	BS1	5.8597	-	-	-	-	156.3782	-	-	-	
CP02	FS1	-	-	6.3411	-	0.4815	204.9560	-	-	-	
CP02		-	-	-	-	-	-	-0.4815	0.0004	936.2019	
CP02	BS1	5.7131	-	-	-	-	162.3318	-	-	-	
CP549	FS1	-	-	5.0583	0.6548	-	173.2221	-	-	-	
CP549		-	-	-	-	-	-	0.6548	0.0004	936.8571	
CP549	BS1	2.2339	-	-	-	-	173.5494	-	-	-	
CP550	FS1	-	-	2.9729	-	0.7390	209.8481	-	-	-	
CP550		-	-	-	-	-	-	-0.7390	0.0004	936.1185	
CP550	BS1	2.9729	-	-	-	-	209.9272	-	-	-	
CP549	FS1	-	-	2.2348	0.7382	-	173.5744	-	-	-	
CP549		-	-	-	-	-	-	0.7382	0.0004	936.8571	
CP549	BS1	4.9616	-	-	-	-	174.8932	-	-	-	
CP02	FS1	-	-	5.6187	-	0.6571	158.6600	-	-	-	
CP02		-	-	-	-	-	-	-0.6571	0.0004	936.2004	
CP02	BS1	6.5271	-	-	-	-	204.9089	-	-	-	
CP01	FS1	-	-	6.0449	0.4822	-	156.2832	-	-	-	
CP01		-	-	-	-	-	-	0.4822	0.0004	936.6830	