

Project:

Date: _____ Operator: _____

Field	Example	Notes
Point ID	CP-01 / CK-01	CP- prefix for control; CK- for checkpoints. Designate type before measurement.
Northing / Latitude	4,372,891.234 m	CRS and units must match project specification exactly.
Easting / Longitude	503,221,567 m	Same CRS as Northing/Latitude.
Elevation / Height	5,652.34 ft	Specify orthometric or ellipsoidal. Ellipsoidal ≠ NAVD88 — difference can exceed 100 ft.
Vertical Datum	NAVD88 (Geoid 18)	Required. Include geoid model version.
CRS / EPSG Code	NAD83(2011) / EPSG:6428	Full specification, not shorthand.
Method	RTK Fixed	Fixed / Float / Static / Total Station. Never log a float solution as survey-grade.
Occupation Time	30 sec	10 sec minimum for RTK; 30–60 sec preferred for averaging.
PDOP / Sat Count	1.4 / 19	PDOP < 2.0; ≥ 12 satellites for a reliable fixed solution.
Date / Time	2026-04-27 08:45 MDT	UTC preferred for GNSS correlation.
Notes	SE corner, adj. to manhole	Nearby features for identification during processing.

[illegible]

ID	TYPE CP / CK	NORTHING / LAT	EASTING / LON	ELEV / HT	METHOD	OCC SEC	PDOP	SVS	TIME	NOTES

PROJECT CRS

Horizontal datum: _____

Projection / Zone: _____

Units: _____

Vertical datum: _____

EPSG code: _____

EQUIPMENT & SETUP

RTK/GNSS unit: _____

Base station setup: _____

Network / CORS: _____

Pole height (m): _____

Antenna height (m): _____