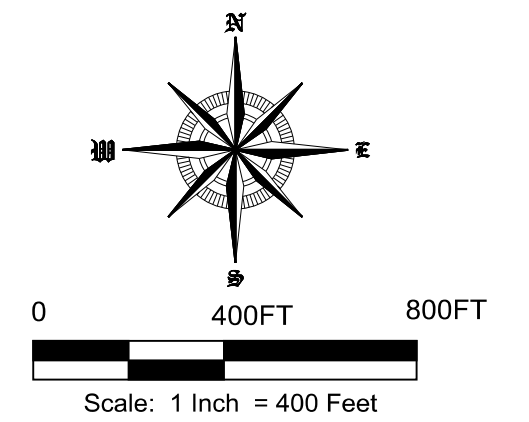


Preliminary Survey

for
Kootenai County
Parks & Waterways

T. 48 N., R. 4 W., Boise Meridian
Section 33
Government Lot 3,4, & 5, and the
Northeast Quarter of the Southeast Quarter
Kootenai County, Idaho



Basis of Bearing

The basis of bearing of this survey is based upon the Idaho State Plane Coordinate System, West Zone, NAD83(1992 Adjustment), derived from a G.P.S. survey. Simultaneous observations were obtained for NGS Stations CL1, CL2, and CL6, CP&F Index #'s X09, X13, Z09, and Z13, being the controlling corners for the southeast quarter of Section 33. The bearings are grid bearings, and the distances are ground distances. The Combined Adjustment Factor (CAF) is based upon N13 (Center of T.48N.,R4W.) at a project elevation of 2300 feet above sea level. Therefore, the Convergence Angle = - 0° 48' 00" and the CAF = 1.000096. To obtain true bearings, subtract the CA from all northeast and southwest bearings, and add the CA to all northwest and southeast bearings. To convert ground distances to grid distances, divide the measured distance by the CAF.

Survey References

- R1: Record of Survey
Book 1 Page 262
by Stanley Ponsness, LS 976, in 1979
- R2: Record of Survey
Book 3 Page 126
by Stanley Ponsness, LS 976, in 1979
- R3: Record of Survey
Book 25 Page 223
by James Stillinger, LS 5078, in 2007
- R4: Record of Survey
Book 25 Page 423
by Earl Sanders, LS 3814, in 2008
- R5: Record of Survey
Book 26 Page 181
by Jon Monaco, LS 4194, in 2009

Notes

The survey of S. 33 was executed by me, using three Ashtech Dimension XII single frequency G.P.S. units, and a Topcon 802AR six second robotic total station. The GPS position of "Gate" and "NL7" were determined from a recent OPUS solution, NAD83 (2011 Adjustment). This survey map was computer generated. Distances should be rounded to the nearer tenth of a foot. Bearings should be rounded to the nearest fifteen seconds.

I, Bruce Anderson, Kootenai County Surveyor, L.S. 969, State of Idaho, hereby certify that this record of survey was executed by me, in conformance with Idaho Code 31-2709, Title 55 Chapter 16, and Title 55 Chapter 19.

LINE	BEARING	HORIZ DIST
L1	S90°00'00"W	35.10FT

LEGEND
⊙ GPS Control Point

File Name c:\kccsdata\51N04W\Trav\51N04WGPS.trv		
Scale 400 Ft/in	Date 3-11-2014	Drawn By BA
Job Number 20021017	Revision 1/1	Reviewed By BA