

PROPERTY LINE ADJUSTMENT MAP OF SURVEY

Located within a portion of Donation Land Claims Numbered 51 and 52, both located within Section 28, Township 36 South, Range 2 West of the Willamette Meridian, Jackson County, Oregon.

PREPARED FOR:

P.O. Box 3667 Central Point, OR 97502

SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250, OREGON REVISED STATUTES

PURPOSE: Pursuant to Clients instructions and the Staff Reports prepared by Jackson County Development Services (File Numbers 439-14-00073-SUB_PLA and 439-14-00074-SUB_PLA), perform a boundary survey, establish monuments at the boundary corners of the resultant adjusted tracts and to process and file a Map of Survey in the office of the Jackson County Surveyor.

PROCEDURE: Records utilized: Instruments Numbered 2013-007892 and 2015-016772 of the Official Records of Jackson County, Oregon; Surveys Numbered 1269, 1272, 1276, 2538, 3273, 4740, 8329, 11793, 17005 and 21275 all as filed in the office of the Jackson County Surveyor. Equipment/ Software utilized: Trimble 5700 and RIO GPS equipment, Trimble 56 robotic instrument and Trimble TSC2/TSC3 data collectors with Trimble Survey Controller and Trimble Access software.

Linear unit (horizontal): International Foot (ift).
Lineal unit (vertical): U.S. Survey Foot (usft).
Vertical datum: North American Vertical Datum of 1988 (NAVD88)
Geodetic Information:
Datum: North American Datum (NAD) of 1983 (2011) epoch 2010.00
System: Oregon Coordinate Reference System
Zone: Grants Pass-Ashland
Projection: Transverse Mercator
Latitude of grid origin: 41°45'00" N
Longitude of central meridian: 123°20'00" W
Northing at grid origin: 0.000 m
Easting at central meridian: 50,000.000 m (164,041.995 ift)
Scale factor on central meridian: 1.000 043 (exact)

All bearings and distances shown hereon are projected (grid) values based on the projection definition herein and above. This projection was utilized in order to minimize the difference between projected (grid) distances and horizontal (ground) distances at the topographic surface within the design area of this coordinate system.

The Basis of Bearings is Geodetic North. Note that the grid bearings shown hereon do not equal geodetic bearings due to meridian convergence.

Orthometric heights (elevations) utilized for this survey were obtained via Real-Time Kinematic (RTK) methods utilizing the Global Navigation Satellite System (GNSS) with the National Geodetic Survey (NGS) geold model "GEOIDI2A".

This survey was conducted using GNSS referenced to the National Spatial Reference System (NSRS). NSRS coordinate values were established at Jackson County Control #131 via an NGS Online Positioning User Service (OPUS) solution that was obtained via static Global Positioning System (GPS) observations utilizing said Trimble 5700 GPS equipment. Utilized said Trimble 5700 GPS equipment with a base station on said Control #131 and RTK methods to establish primary control and tie monuments. From which, utilized classical terrestrial methods, said Trimble S6 and Trimble TSC2 to establish secondary control and tie remainder of found monuments and perform topographic locations as needed.

Utilizing said Staff Report, record documents and maps, monuments and controlling boundaries previously found, set and established by this office per said Survey Number 21275, computed the adjusted resultant tracts, as depicted hereon.

Established monuments, as depicted hereon, on May 28, 2015.

PREPARED BY:

Neathamer Surveying, Inc. 3126 State St, Suite 203 P.O. Box 1584 Medford, Oregon 97501 Phone (541) 732-2869 FAX (541) 732-1382

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PROJECT NUMBER: 13002-E

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