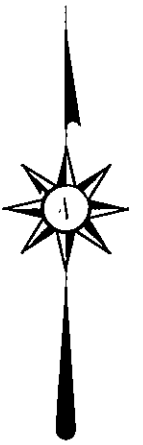


RECORD OF SURVEY

LOCATED IN SECTION 19
TOWNSHIP 13 SOUTH, RANGE 35 EAST
WILLAMETTE MERIDIAN
GRANT COUNTY, OREGON



SCALE: 1"=400'



NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO LOCATE, MONUMENT, AND MARK THE BOUNDARIES OF NATIONAL FOREST SYSTEM LANDS LOCATED IN SECTION 19, TOWNSHIP 13 SOUTH, RANGE 35 EAST, WILLAMETTE MERIDIAN, GRANT COUNTY, OREGON.

THIS SURVEY WAS CONDUCTED USING GLOBAL POSITIONING SYSTEM EQUIPMENT. A DUAL BASE SYSTEM WAS INCORPORATED FOR SURVEY CONTROL AND MONUMENTATION OF THE CORNER POSITIONS USING REDUNDANT MEASUREMENTS. ALL GPS DATA WERE DOWNLOADED INTO TRIMBLE BUSINESS CENTER SOFTWARE AND CORRECTED USING OPUS. THE OPUS SOLUTION REPORTED A COMBINED SCALE FACTOR OF 1.000265581 AND A CONVERGENCE ANGLE OF 1.38380509". A SECONDARY CONTROL POINT WAS TIED TO THE PRIMARY CONTROL POINT FOR THE DUAL BASE STATION SETUP AND VERIFIED USING OPUS.

THE SECTION SUBDIVISION SHOWN HEREON WAS PERFORMED IN ACCORDANCE WITH THE PROCEDURES SET FORTH IN THE 2009 BLM MANUAL OF SURVEYING INSTRUCTIONS.

FOR MONUMENTATION RECORDS SEE THE CERTIFIED RECORD OF LAND CORNER MONUMENTATION SHEETS FILED SEPARATELY IN THE GRANT COUNTY SURVEYOR'S OFFICE.

THE WEST BOUNDARY OF TOWNSHIP 13 SOUTH, RANGE 35 EAST WAS SURVEYED BY US DEPUTY SURVEYOR JOHN DAVID, CONTRACT NO. 131, FROM JULY 13 THRU JULY 14, 1869.

THE ORIGINAL SUBDIVISION OF TOWNSHIP 13 SOUTH, RANGE 35 EAST WAS PERFORMED BY US DEPUTY SURVEYOR BAMFORD ROBB, CONTRACT NO. 383, FROM JULY 12 THRU JULY 22, 1881 AND APPROVED ON NOVEMBER 7, 1881.

THE SOUTH LINE OF SECTION 19 WAS RETRACED BY PLS 848 FROM AUGUST TO SEPTEMBER, 1987 AND RECORDED IN THE GRANT COUNTY SURVEYOR'S OFFICE ON MAY 7, 1988 AS M.O.S. #1013.

SECTION 19 WAS SUBDIVIDED BY PLS 2405 FROM APRIL TO OCTOBER, 1992 AND RECORDED IN THE GRANT COUNTY SURVEYOR'S OFFICE ON JANUARY 10, 1993 AS M.O.S. #1236.

THE BASIS OF BEARINGS IS THE TRUE MERIDIAN AND WAS DERIVED FROM GPS OBSERVATIONS. LOCAL PLANE COORDINATES WERE CALCULATED ON A FALSE MERIDIAN AND ZERO CONVERGENCE ANGLE AT THE SOUTH 1/4 CORNER OF SECTION 19, THEN CONVERTED TO GROUND BEARING AND DISTANCE WITH A COMBINED SCALE FACTOR OF 1.000265581.

THE NATIONAL FOREST BOUNDARY SHOWN HEREON WAS MARKED WITH ALUMINUM POSTS AND NATIONAL FOREST BOUNDARY SIGNS. EACH MONUMENT SET HAS GUARD POSTS WITH LAND SURVEY MONUMENT SIGNS ATTACHED.

LEGEND

- FOUND 3/4" ALUMINUM CAP, PLS 2405
- ⊕ FOUND 3/4" ALUMINUM CAP, PLS 1026
- ⊗ FOUND 2 1/2" BRASS CAP, PLS 598
- FOUND 3 1/2" ALUMINUM CAP, PLS 848
- SET 3/4" ALUMINUM CAP ON 3"x30" PIPE
- NATIONAL FOREST BOUNDARY LINE
- SECTION LINE
- SECTION SUBDIVISION LINE
- N.F.S.L. NATIONAL FOREST SYSTEM LANDS
- PVT. PRIVATE LANDS
- () RECORD DIMENSIONS, PLS 2405
- (()) RECORD DIMENSIONS, PLS 848
- [] RECORD G.L.O. DIMENSIONS

REFERENCES

- WARRANTY DEED TO THE UNITED STATES OF AMERICA RECORDED ON DECEMBER 30, 2013 AS DOCUMENT NO. 20132561.
- PLAT OF SURVEY BY PLS 2405, RECORDED ON DECEMBER 1, 1992 IN THE GRANT COUNTY SURVEYOR'S OFFICE AS M.O.S. #1236
- PLAT OF SURVEY BY PLS 848, RECORDED ON MAY 7, 1988 IN THE GRANT COUNTY SURVEYOR'S OFFICE AS M.O.S. #1013.
- GENERAL LAND OFFICE SURVEY OF TOWNSHIP 13 SOUTH, RANGE 35 EAST, WILLAMETTE MERIDIAN, APPROVED NOVEMBER 7, 1881.

I, KENNETH A. LIND, A PROFESSIONAL SURVEYOR IN THE STATE OF OREGON, HEREBY CERTIFY THAT THIS PLAT AND NOTES HEREON ARE A TRUE AND CORRECT REPRESENTATION OF A SURVEY I CONDUCTED SEPTEMBER 2016 TO JUNE 2017 AT THE REQUEST OF THE MALHEUR NATIONAL FOREST, IN ACCORDANCE WITH THE STATUTES OF THE STATE OF OREGON AND THE BUREAU OF LAND MANAGEMENT'S 2009 MANUAL OF SURVEYING INSTRUCTIONS.

Kenneth A. Lind 8-31-17
SIGNATURE DATE

KENNETH A. LIND
WALLOWA-WHITMAN NATIONAL FOREST
201 EAST SECOND STREET
JOSEPH, OR 97846
541-426-5650

RECEIVED AND FILED
GRANT COUNTY SURVEYOR

SEP 12 2017

BY: *[Signature]*

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Kenneth A. Lind

OREGON
JULY 19, 1994
KENNETH A. LIND
2672

RENEWS 12-31-18

I CERTIFY THAT THIS SURVEY WAS PERFORMED AT THE REQUEST OF THE MALHEUR NATIONAL FOREST.

[Signature] 9-11-17
FOREST SUPERVISOR DATE

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
REGION 6 - MALHEUR NATIONAL FOREST

SURVEY FOR THE MALHEUR NATIONAL FOREST
LOCATED IN SECTION 19, TOWNSHIP 13 SOUTH,
RANGE 35 EAST, WILLAMETTE MERIDIAN
GRANT COUNTY, OREGON

SURVEY PERFORMED:
SEPTEMBER 2016 - JUNE 2017

DRAWN BY: RCM

SCALE: 1"=400'

SHEET 1 of 1