

MAP OF SURVEY

Located in the Northeast One-quarter of Northeast One-quarter of Section 32, Township 35 South, Range 1 West of the Willamette Meridian, Jackson County, Oregon.

PREPARED FOR:

RYAN & TAMMY HUKILL
P.O. Box 710
Eagle Point, OR 97524

LEGEND:

- ⊙ Indicates a set 5/8-inch diameter by 30-inch long iron pin with an orange plastic cap marked "NEATHAMER SURVEYING".
- ⊙ Indicates a found 2-1/2 inch diameter brass cap marking the corner common to Sections 28, 29, 32 and 33, per JCRN dated May 3, 1961.
- Indicates a found iron pipe per SN 1692.
- Indicates a found 5/8-inch diameter iron pin per SN 2426.
- ▲ Indicates a found 3/4-inch diameter iron pipe per SN 8262.
- Indicates a found 5/8-inch diameter iron pin with cap marked "L.J. FRIAR & ASSOC.", per SN 19145.
- Indicates a computed position, nothing found or set.
- () Indicates record information as per SN 1692 and/or SN 2426.
- (A) Indicates a reference as described in the Survey Narrative.
- INST Indicates an instrument recorded by number of the Official Records of Jackson County, Oregon.
- JCRN Indicates a reference to the Jackson County Re-establishment Notes, on file in the office of the Jackson County Surveyor.
- SN Indicates a survey filed by number in the office of the Jackson County Surveyor.
- WITM Indicates a set Witness Monument.

REGISTERED PROFESSIONAL LAND SURVEYOR

CAEL E. NEATHAMER

OREGON
JULY 9, 2001
CAEL E. NEATHAMER
56545

Renewal Date 12/31/18

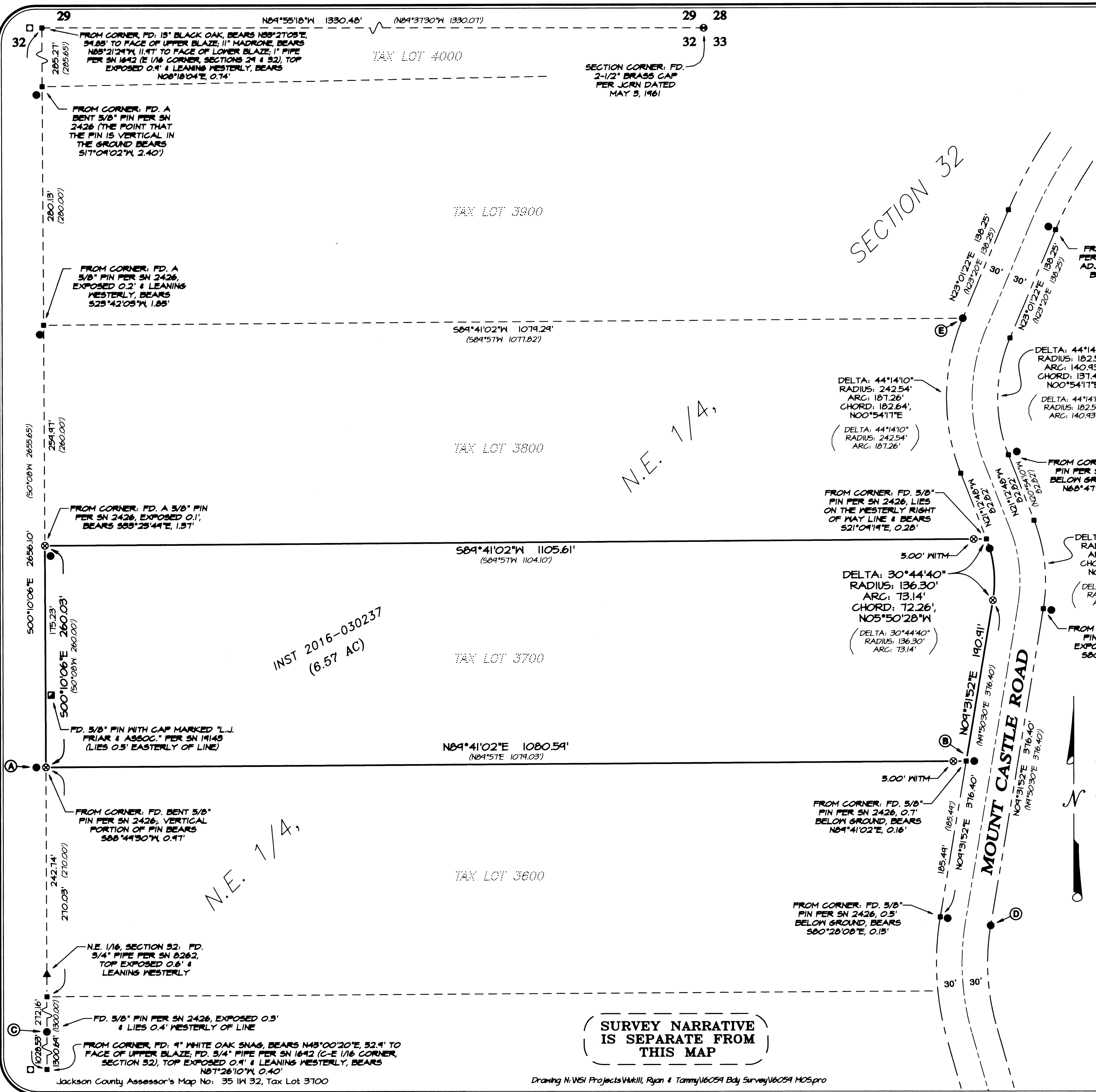
BASIS OF BEARINGS:
Geodetic North referenced to the NAD83 2011 (Epoch 2010.00) datum (refer to Survey Narrative for complete description).

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

PLOT DATE: April 25, 2017 **PROJECT NUMBER:** 16059
Sheet 1 of 1 © CN

SURVEY NARRATIVE IS SEPARATE FROM THIS MAP

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INST 2016-030237
(6.57 AC)

N.E. 1/4

N.E. 1/4

SECTION 32

TAX LOT 4000

TAX LOT 3800

TAX LOT 3800

TAX LOT 3700

TAX LOT 3600

29

29 28

32

32 33

280.13'

254.91'

175.23'

500'10'06"E 260.03'

500'10'06"E 260.03'

500'10'06"E 260.03'

242.14'

210.03'

272.16'

1300.64'

1300.64'

Jackson County Assessor's Map No: 35 IW 32, Tax Lot 3700

SECTION CORNER: FD. 2-1/2" BRASS CAP PER JCRN DATED MAY 3, 1961

FROM CORNER: FD. 5/8" PIN PER SN 2426, EXPOSED 0.3' & ADJACENT TO A WOOD POST, BEARS N28°56'16"W, 0.83'

FROM CORNER: FD. 5/8" PIN PER SN 2426, 1.5' BELOW GROUND, BEARS N68°47'12"E, 0.30'

FROM CORNER: FD. 5/8" PIN PER SN 2426, EXPOSED 0.2', BEARS S80°28'08"E, 0.15'

DELTA: 44°14'10" RADIUS: 242.54' ARC: 187.26' CHORD: 182.64', N00°54'17"E

DELTA: 44°14'10" RADIUS: 242.54' ARC: 140.93' CHORD: 137.46', N00°54'17"E

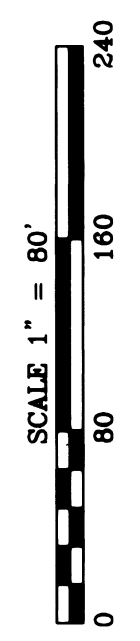
FROM CORNER: FD. 5/8" PIN PER SN 2426, LIES ON THE WESTERLY RIGHT OF WAY LINE & BEARS S21°09'14"E, 0.28'

DELTA: 30°44'40" RADIUS: 136.30' ARC: 73.14' CHORD: 72.26', N05°50'28"W

DELTA: 30°44'40" RADIUS: 196.30' ARC: 105.33' CHORD: 104.07', N05°50'28"W

FROM CORNER: FD. 5/8" PIN PER SN 2426, 0.7' BELOW GROUND, BEARS N84°41'02"E, 0.16'

FROM CORNER: FD. 5/8" PIN PER SN 2426, 0.5' BELOW GROUND, BEARS S80°28'08"E, 0.15'



SURVEY NO. 22232

SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250 OREGON REVISED STATUTES

PREPARED FOR: RYAN & TAMMY HUKILL
PO Box 710
Eagle Point, Oregon 97524

PREPARED BY: NEATHAMER SURVEYING, INC.
3126 State Street, Suite 203
P.O. Box 1574
Medford, Oregon 97501

LOCATION:

Located in the Northeast One-quarter of Northeast One-quarter of Section 32, Township 35 South, Range 1 West of the Willamette Meridian, Jackson County, Oregon.

PURPOSE OF SURVEY:

Pursuant to Client's request and direction, perform a boundary survey, recover existing monuments, perform a boundary resolution, establish monuments as necessary and file a Map of Survey in the office of the Jackson County Surveyor.

SURVEY REFERENCES/PROCEDURES:

Records utilized: Instrument Number 2016-030237 of the Official Records of Jackson County, Oregon; Corner re-establishment notes and Surveys Numbered 1692, 2426 (also being Roll Map 57/4), 8262 and 19145, all as filed in the office of the Jackson County Surveyor. Equipment/Software utilized: Trimble R10 GNSS System, Trimble TSC3 data collectors with Trimble Access Software; Trimble S7 Robotic Instrument, Trimble Business Center and Trimble Terramodel.

Linear unit (horizontal): International Foot (ift).

Lineal unit (vertical): U.S. Survey Foot (usft).

Vertical datum: North American 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 (Refer to ORS, Chapter 93.312(c))

Projection: Transverse Mercator

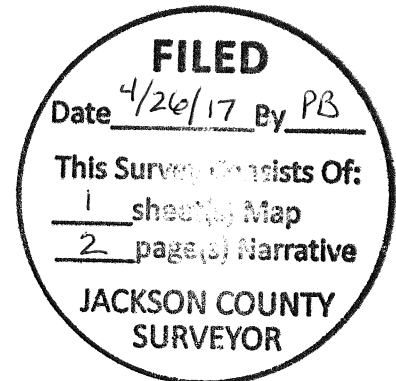
Latitude of grid origin: 41°45'00" N

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 on the accompanying map 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 depicted do not equal geodetic bearings due to meridian convergence.

This survey was conducted using Global Navigation Satellite System (GNSS) referenced to the National Spatial Reference System (NSRS). NSRS coordinate values were established via Real-time Kinematic (RTK) methods utilizing said Trimble R10 and the Oregon Real-Time GPS Network (ORGN), and RTK methods from a position that was established from National Geodetic Survey (NGS), Online Positioning User System (OPUS) solution sets of submitted static GPS data (also quality control checked via RTK and ORGN).

Orthometric heights (elevations) were established utilizing said Trimble equipment/software and GNSS with NGS geoid model "GEOID12A", referenced to the current NAVD88 datum obtained via the ORGN.

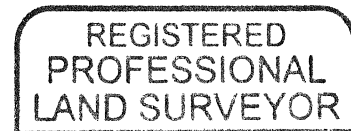
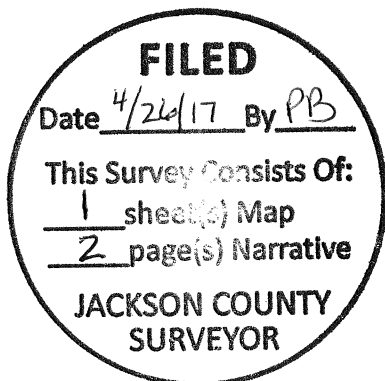
Utilizing said Trimble R10 with TSC3 in conjunction with RTK methods, established primary control and tie certain controlling monuments. From said primary control, utilized said Trimble S7 and a TSC3 data collector with classic terrestrial methods to establish secondary control and tie remaining found monuments.

The subject property is described per said Instrument Number 2016-030237, with its bearings and distances matching Survey Number 2426 exactly. It should be noted that Survey Number 2426 is based on said 1692 and both surveys were performed by Mark Boyden. To resolve its boundaries, the following was performed:

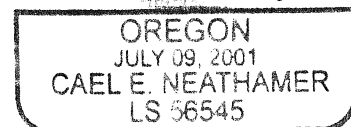
Analyzed and compared found monuments versus record positions per Surveys Numbered 1692, 2426, 8262 and 19145, resulting in not finding much comparable data between record data and tied monuments. After numerous computations and consideration for soil type, existing slopes and conditions of found monuments, the boundary determinations were made as follows: (1) Due to conditions of existing monuments, utilized Survey Number 1692 and the found bearing trees to define the location of the East One-Sixteenth corner between Sections 29 and 32, and the Center-East One-Sixteenth corner of Section 33, thereby defining the bearing of the westerly boundary of the subject tract. The found monument set per Survey Number 8262 fell online and at a reasonable distance as compared record position; (2) Computed the easterly boundary by determining the rights of way of Mount Castle Road via translating record data per Survey Number 2426 to the found 5/8" iron pin per said survey, referenced as "D" on the accompanying map, thence rotating said data counterclockwise 00°18'38" (being the delta between record bearing and measured bearing between the found monuments referenced as "D" and "E" on the accompanying map; of which, the measured distance matched record distance within 0.01'); (3) Computed the southerly boundary by holding the found 5/8" iron pins referenced on the accompanying map as "A" and "B" to define bearing (being a counterclockwise rotation of 00°15'58" versus record bearing per Survey Number 2426), and terminating at its intersection with the resolved westerly and easterly boundaries; (4) Computed the northerly boundary by holding the same bearing as the southerly boundary and terminating at its intersection with the resolved westerly and easterly boundaries

Utilizing the herein and above resolved boundaries and computed corner positions, marked the northerly, westerly and southerly boundaries thereof and established monuments, as depicted on the accompanying map, on January 19, 2017 and March 09, 2017.

Print Date: April 25, 2017



CAEL E. NEATHAMER



RENEWAL DEC. 31, 2018