

# MAP OF SURVEY

Located in the Northeast One-quarter of Section 22, Township 38 South, Range 4 West of the Willamette Meridian, Jackson County, Oregon.

## PREPARED FOR:

**MARCOS MARTINS**  
22790 Rancho Palomares Place  
Castro Valley, CA 94552

## LEGEND:

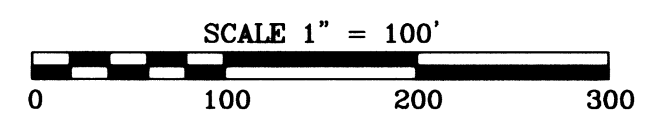
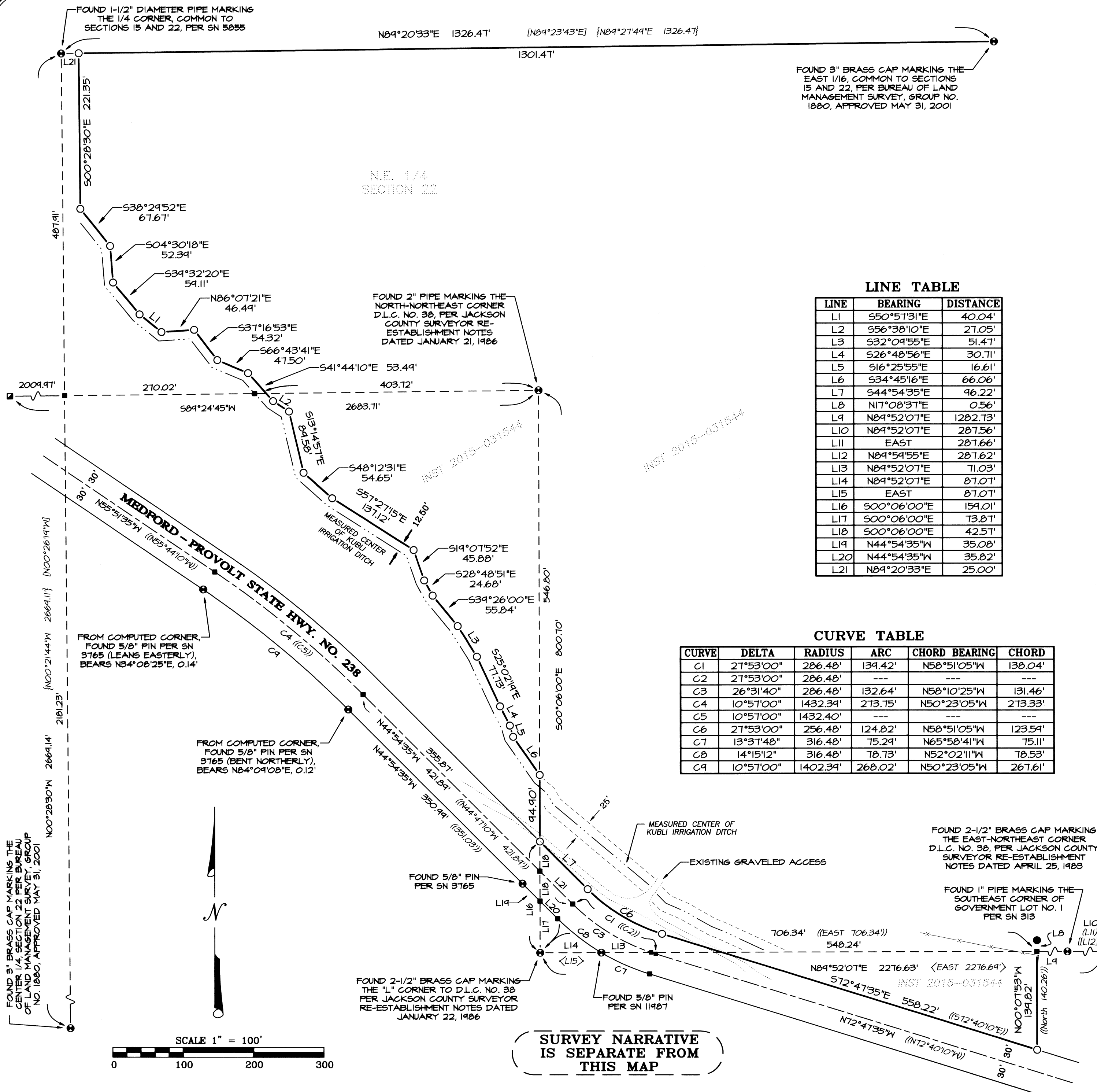
- Indicates a set 5/8-inch diameter by 24-inch long iron pin with an orange plastic cap marked "NEATHAMER SURVEYING".
- ⊙ Indicates a found monument as noted.
- Indicates a found 5/8-inch diameter iron pin as set per SN 3305.
- Indicates a found 3-inch diameter brass cap marking the North-west corner of D.L.C. No. 38, per Jackson County Surveyor re-establishment notes dated July 12, 1974.
- Indicates a computed position, nothing found or set.
- ( ) Indicates record information per SN 313.
- (( )) Indicates record information per SN 3305 and/or 3765.
- [ ] Indicates record information per SN 5855.
- [ [ ] ] Indicates record information per SN 9646.
- < > Indicates record information per SN 11487.
- { }
- SN Indicates a survey filed by number in the office of the Jackson County Surveyor.
- INST Indicates an instrument recorded by number of the Official Records of Jackson County, Oregon.
- D.L.C. Indicates a donation land claim recorded by number of the Official Records of Jackson County, Oregon.
- x— Indicates centerline of an existing fence line.

## LINE TABLE

LINE	BEARING	DISTANCE
L1	S50°57'31"E	40.04'
L2	S56°38'10"E	27.05'
L3	S32°09'55"E	51.47'
L4	S26°48'56"E	30.71'
L5	S16°25'55"E	16.61'
L6	S34°45'16"E	66.06'
L7	S44°54'35"E	96.22'
L8	N17°08'37"E	0.56'
L9	N89°52'07"E	128.73'
L10	N89°52'07"E	287.56'
L11	EAST	287.66'
L12	N89°54'55"E	287.62'
L13	N89°52'07"E	71.03'
L14	N89°52'07"E	87.07'
L15	EAST	87.07'
L16	S00°06'00"E	159.01'
L17	S00°06'00"E	73.87'
L18	S00°06'00"E	42.57'
L19	N44°54'35"W	35.08'
L20	N44°54'35"W	35.82'
L21	N89°20'33"E	25.00'

## CURVE TABLE

CURVE	DELTA	RADIUS	ARC	CHORD BEARING	CHORD
C1	27°53'00"	286.48'	139.42'	N58°51'05"W	138.04'
C2	27°53'00"	286.48'	---	---	---
C3	26°31'40"	286.48'	132.64'	N58°10'25"W	131.46'
C4	10°57'00"	1432.39'	273.75'	N50°23'05"W	273.33'
C5	10°57'00"	1432.40'	---	---	---
C6	27°53'00"	256.48'	124.82'	N58°51'05"W	123.54'
C7	13°37'48"	316.48'	75.29'	N65°58'41"W	75.11'
C8	14°15'12"	316.48'	78.73'	N52°02'11"W	78.53'
C9	10°57'00"	1402.39'	268.02'	N50°23'05"W	267.61'



**SURVEY NARRATIVE IS SEPARATE FROM THIS MAP**

**\*\* RECEIVED \*\***  
DATE 5/5/16 BY PB  
This survey consists of:  
1 sheet(s) Map  
2 page(s) Narrative  
JACKSON COUNTY SURVEYOR

**REGISTERED PROFESSIONAL LAND SURVEYOR**  
*Carl E. Neathamer*  
OREGON  
JULY 9, 2001  
CAEL E. NEATHAMER  
58545  
Renewal Date 12/31/16

## 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

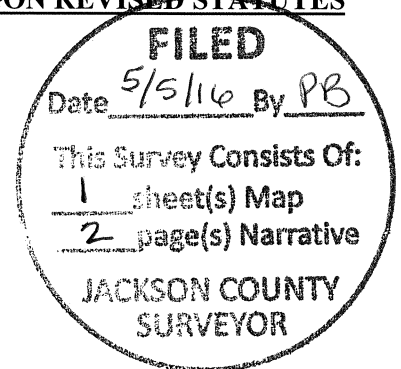
**PLOT DATE:** May 5, 2016 **PROJECT NUMBER:** 15059

SURVEY NO. 21972

**SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250 OREGON REVISED STATUTES**

**PREPARED FOR:** MARCOS MARTINS  
22790 Rancho Palomares Place  
Castro Valley, CA 94552

**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 Section 22, Township 38 South, Range 4 West of the Willamette Meridian, Jackson County, Oregon.

**PURPOSE OF SURVEY:**

Pursuant to Client's request and direction, perform a boundary survey of a portion of the real property as described in Instrument Number 2015-031544 of the Official Records of Jackson County, Oregon, and to 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 2015-031544 of the Official Records of Jackson County, Oregon; Bureau of Land Management survey, Group 1880, as approved April 25, 1983 (hereinafter "BLM"); Jackson County Surveyor Re-establishment notes; Roll Map 117/2 (being Oregon State Highway Department Drawing No. 5B-7-8), and Surveys Numbered 313, 3305, 3765, 5855, 9646 and 11987, all as on file 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 at a base station point near the subject property, via static Global Positioning System (GPS) observations that were submitted to the National Geodetic Survey (NGS), Online Positioning User Service (OPUS), with resultant solution sets obtained therefrom.

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 the NSRS coordinate values established at said base station and Trimble R10 with TSC3 in conjunction with RTK methods, established primary control and tied certain monuments. From which, utilized said Trimble S7 and a TSC3 data collector in conjunction with classic terrestrial methods to establish secondary control and tie found monuments. All NSRS coordinate values were then projected onto aforesaid OCRS, Grants Pass-Ashland zone coordinate system.

Held the found monuments marking the East One-sixteenth (per BLM) corner and One-quarter corner (per Survey Number 5855) common to Sections 15 and 22, and the Center One-quarter corner of Section 22 (per BLM) to establish the northerly and westerly boundaries of the Northeast One-quarter of Section 22, thereby establishing a portion of the northerly boundary of the subject tract of land. Utilizing said ties in conjunction with said Instrument Number 2015-031544, established a portion of the westerly boundary of the subject tract of land.

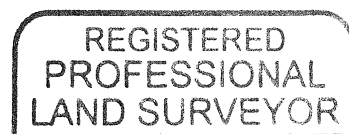
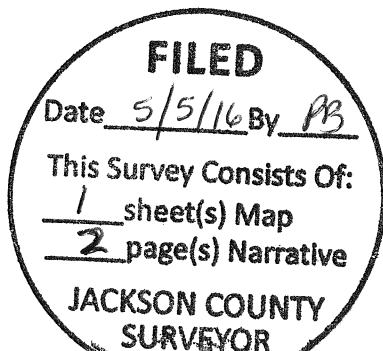
Held the found monuments marking the Northwest, North-northeast, "L" and East-northeast corners of Donation Land Claim Number 38, all as verified by Jackson County Surveyor Re-establishment, to establish portions of the boundaries of said claim number 38, thereby establishing portions of the westerly and southerly boundaries of the subject tract of land.

Utilized the found monuments and record information per Surveys Numbered 3305, 3765 and 11987 to locate the tangent portions of the centerline alignment of the Medford-Provolt State Highway No 238. From which, curves for said alignment were established by holding the degree of curve as shown on Roll Map Number 17/2. Utilizing said roll map and established centerline, held record offsets of 30.00 feet each side to establish the rights-of-way of said Highway 238, thereby establishing a portion of the southerly boundary of said subject tract.

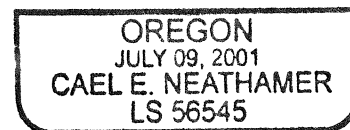
Utilizing said Instrument Number 2015-031544 and the located centerline (or remnants thereof), established the centerline of the Kubli irrigation ditch. Per said instrument, held and offset of 12.50 feet from said centerline to establish the remaining portions of the westerly boundary of the subject tract of land.

Utilizing the herein and above resolved boundaries, established monuments, as depicted on the accompanying map on April 7, 2016.

Print Date: May 5, 2016



*CAEL E. NEATHAMER*



RENEWAL: DEC. 31, 2016