

# RECORD OF SURVEY

LOCATED IN  
SECTION 13 & 24, T28S, R5W, W.M.  
DOUGLAS COUNTY, OREGON

### NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO SUBDIVIDE SECTIONS 13 & 24, T28S, R5W, W.M., AND MONUMENT THE C 1/4 S13, THE 1/4 & E 1/16 OF S13 & S24; THE NW 1/16, CN 1/16, NE 1/16, CE 1/16, CW 1/16 AND C 1/4 OF SECTION 24.

THE 1/4 S14/S13, S13/S14/S23/S24, 1/4 S23/S24, 1/4 S24/S25, AND 1/4 S24/S19 ARE CORNERS FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS. THE S11/S12/S13/S14 WAS RESTORED BY BEST AVAILABLE EVIDENCE, AND THE 1/4 S12/S13 RESTORED BY PROPORTIONATE MEASUREMENT BY JAMES BYRON IN 1957 PER M 8-3. THE 1/4 S13/S18 AND THE S13/S18/S19/S24 WERE RESTORED BY PROPORTIONATE MEASUREMENT, AND N 1/16 S24/S19 ESTABLISHED UNDER A 1974 USBLM DEPENDENT RESURVEY BY USBLM CADASTRAL SURVEYOR G. STEVEN POPKEN. AN EXTENSIVE SEARCH WAS MADE FOR THE ORIGINAL 1/4 S13/S24. EVIDENCE OF PREVIOUS SEARCHES WAS FOUND ON LARGE FIR STUMPS IN THE CORNER AREA, BUT NO ORIGINAL EVIDENCE WAS UNCOVERED. THE PROPORTIONATE POSITION CLOSELY MATCHES THE ORIGINAL 1871 GLO CALL TO THE CREEK 3.90 CHAINS EAST. I THEREFORE ACCEPT THE PROPORTIONATE POSITION OF 1/4 S13/S24 AND SUBDIVIDE SECTIONS 13 & 24 PER THE MANUAL OF SURVEYING INSTRUCTIONS, 2009 AND THE LAWS OF THE STATE OF OREGON.

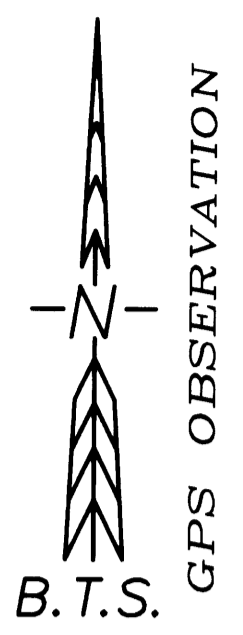
THIS SURVEY WAS PERFORMED BY KRIS DEGROOT, ADAM DEGROOT AND LESTER FANNING USING LEICA GX 1230 GPS RECEIVERS AND A LEICA TCRP 1203 TOTAL STATION WITH COMPUTATIONS AND DRAFTING BY ADAM DEGROOT.

### CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A BRASS WASHER STAMPED "PLS 1941" NAILED INTO THE LOWER BLAZE. BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A NAIL IN THE ROOT CROWN AT THE SIDE AND CENTER OF THE TREE WITH A TOTAL STATION. ALL BEARING TREES HAVE A 6" RED BAND PAINTED AROUND THE TREE AND THE BLAZED FACE PAINTED RED AND BEARING TREE SIGNS NAILED TO THE TREE. ALL NEW 5/8" x 30" IRON ROD REFERENCE MONUMENTS HAVE A PLASTIC CAP STAMPED "BTS ENG-SURV".

1. **S11/S12/S13/S14** PLSS ID. NO. 600500  
LAT: 43°08'31.34081" N. LONG: 123°14'45.44985" W.  
FOUND A 1957 DCSO BCIP AND ACCESSORIES OF RECORD BY J. BYRON PER C.S. 49/21 & M 8-3.
2. **1/4 S12/S13** PLSS ID. NO. 640500  
LAT: 43°08'31.39756" N. LONG: 123°14'09.78086" W.  
FOUND A 1957 DCSO BCIP BY J. BYRON C.S. 49/21 & M 8-3 AND ACCESSORIES OF RECORD BY C. SWEEDEN IN 2001 PER M 138-20.
3. **1/4 S13/S18** PLSS ID. NO. 700440  
LAT: 43°08'05.86493" N. LONG: 123°13'34.07513" W.  
FOUND A 1974 USBLM BCIP BY G.S. POPKEN PER A 1974 DEPENDENT RESURVEY AND ACCESSORIES PER 2008 DCSO RENEWAL C.S. 67/25-51.
4. **C 1/4 S13** PLSS ID. NO. 640440  
LAT: 43°08'04.82755" N. LONG: 123°14'09.58324" W.  
SET A 5/8" X 30" IRON ROD, 28" IN THE GROUND WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
C1/4 S13  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 12" W. OAK BEARS S.12°15'E., 30.5 FEET SCRIBED "C 1/4 S13 BT"  
A 9" MADRONE BEARS S.40°W., 28.3 FEET SCRIBED "C 1/4 S13 BT"  
AND NEW REFERENCE MONUMENTS:  
A RAIL ROAD SPIKE SET IN THE CTR OF A 22" SAWN D.FIR STUMP BEARS N.1°00'37"E., 64.36 FEET.  
A 5/8" X 30" IRON ROD BEARS N.30°26'51"W., 37.77 FEET.  
CORNER FALLS 3 FEET EAST OF A N-S FENCELINE ON EDGE OF PASTURE TO EAST AND 12 FEET EAST OF THE C OF A PRIVATE ROAD.
5. **1/4 S14/S13** PLSS ID. NO. 600440  
LAT: 43°08'18.0380208" N. LONG: 123°14'13.4458107" W.  
FOUND A 2008 DCSO BCIP AND ACCESSORIES PER RENEWAL C.S. 67/25-65.
6. **S13/S14/S23/S24** PLSS ID. NO. 600440  
LAT: 43°07'38.62374" N. LONG: 123°14'44.76284" W.  
FOUND A 1961 DCSO BCIP BY J. BYRON PER C.S. 49/64, RESET IN 2008 BY DCSO WITH ACCESSORIES PER RENEWAL C.S. 67/25-64.
7. **1/4 S13/S24** PLSS ID. NO. 640400  
LAT: 43°07'39.41536" N. LONG: 123°14'09.39428" W.  
NO EVIDENCE OF THE ORIGINAL CORNER. AT THE PROPORTIONED POSITION:  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 36" DIAM. STONE MOUND TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
S13  
1/4 S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 23" D.FIR BEARS S.80°E., 62.2 FEET SCRIBED "1/4 S24 BT"  
A 11" D.FIR BEARS S.52°30'E., 59.9 FEET SCRIBED "1/4 S24 BT"  
A 16" D.FIR BEARS S.88°30'W., 13.9 FEET SCRIBED "1/4 S13 BT"  
A 13" D.FIR BEARS N.41°30'W., 14.7 FEET SCRIBED "1/4 S13 BT"
8. **E 1/16 S13/S24** PLSS ID. NO. 660400  
LAT: 43°07'39.81004" N. LONG: 123°13'51.70990" W.  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 24" DIAM. STONE MOUND TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
S13  
E1/16 S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 16" D.FIR BEARS S.25°W., 12.5 FEET SCRIBED "E 1/16 S24 BT"  
A 11" D.FIR BEARS N.51°30'W., 12.9 FEET SCRIBED "E 1/16 S13 BT"
9. **S13/S18/S19/S24** PLSS ID. NO. 700400  
LAT: 43°07'40.20395" N. LONG: 123°13'34.02547" W.  
FOUND A 1974 USBLM BCIP AND ACCESSORIES BY G.S. POPKEN PER A 1974 DEPENDENT RESURVEY.

REGISTERED PROFESSIONAL LAND SURVEYOR  
*Kristian O. Degroot*  
OREGON  
JULY 17, 1981  
KRISTIAN O. DEGROOT  
1941  
RENEWAL DATE: 12-31-2013



FILED  
DATE: 10/29/2012 BY: *KLD*  
This survey consists of:  
Map: M157-64  
Narrative:  
Corner Rpt:  
DOUGLAS COUNTY SURVEYOR

10. **N 1/16 S24/S19** PLSS ID. NO. 700360  
LAT: 43°07'27.43076" N. LONG: 123°13'33.99876" W.  
FOUND A 1974 USBLM BCIP AND ACCESSORIES BY G.S. POPKEN PER A 1974 DEPENDENT RESURVEY.  
T28S R5W  
NE 1/16  
S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 11" D.FIR BEARS N.88°15'E., 14.2 FEET SCRIBED "NE 1/16 S24 BT"  
A 16" D.FIR BEARS S.3°30'W., 41.7 FEET SCRIBED "NE 1/16 S24 BT"  
AND AN EXISTING REFERENCE MONUMENT:  
A 3/8" X 30" SMOOTH IRON ROD, OF NO RECORD, BEARS N.66°35'32"E., 12.38 FEET.
12. **CN 1/16 S24** PLSS ID. NO. 640360  
LAT: 43°07'26.58443" N. LONG: 123°14'09.44232" W.  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 18" DIAM. STONE MOUND TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
C  
N1/16 S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 7" D.FIR BEARS N.59°E., 25.9 FEET SCRIBED "CN 1/16 S24 BT"  
A 26" D.FIR BEARS N.73°45'W., 17.2 FEET SCRIBED "CN 1/16 S24 BT"
13. **NW 1/16 S24** PLSS ID. NO. 620360  
LAT: 43°07'26.17453" N. LONG: 123°14'27.08226" W.  
SET A 5/8" X 30" IRON ROD, 28" IN THE GROUND IN AN 18" STONE COLLAR TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
NW 1/16  
S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 13" D.FIR BEARS N.34°30'E., 24.7 FEET SCRIBED "NW 1/16 S24 BT"  
A 20" D.FIR BEARS S.82°15'E., 24.9 FEET SCRIBED "NW 1/16 S24 BT"
14. **1/4 S23/S24** PLSS ID. NO. 600340  
LAT: 43°07'12.90399" N. LONG: 123°14'44.68145" W.  
FOUND A 1961 BCIP BY J. BYRON PER C.S. 49/64 AND ACCESSORIES PER 1988 USBLM DEPENDENT RESURVEY BY D. BEDELL & B. PETERSON.
15. **CW 1/16 S24** PLSS ID. NO. 620340  
LAT: 43°07'13.32912" N. LONG: 123°14'27.08594" W.  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 30" DIAM. STONE MOUND TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
W 1/16  
C  
S24  
2012  
PLS 1941  
FROM WHICH A NEW BEARING TREE:  
A 3" D.FIR BEARS S.84°E., 53.4 FEET SCRIBED "X BT"  
AND A NEW BEARING OBJECT:  
"XBO" BEARS N.15°22'W., 85.3 FEET TO "X" CHISELED 6 FT ABOVE GROUND IN THE SE FACE OF A 10 X 8 X 8 FT HIGH ROCK OUTCROP/LEDGE.  
AND AN EXISTING REFERENCE MONUMENT:  
A 3/8" X 30" SMOOTH IRON ROD, OF NO RECORD, BEARS S.33°47'55"W., 14.23 FEET.
16. **C 1/4 S24** PLSS ID. NO. 640340  
LAT: 43°07'13.75350" N. LONG: 123°14'09.49035" W.  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 24" DIAM STONE COLLAR TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
C 1/4  
S24  
2012  
PLS 1941  
FROM WHICH NEW BEARING TREES:  
A 21" CEDAR BEARS S.25°30'W., 134.6 FEET SCRIBED "C 1/4 S24 BT"  
A 14" CEDAR BEARS S.79°15'W., 61.1 FEET SCRIBED "C 1/4 S24 BT"  
AND NEW REFERENCE MONUMENTS:  
A 1.5" BRASS DISC BEARS N.26°05'44"E., 77.58 FEET SET IN CONCRETE IN A 4' X 4' X 1' HIGH ROCK OUTCROP STAMPED "RM 1 PLS 1941"  
A COTTON GIN SPIKE BEARS S.59°59'01"E., 37.18 FEET SET 4 FT HIGH IN THE FACE OF A 25' HIGH X 75' X 4.5' HIGH SPIRED ROCK OUTCROP; STAMPED "T28S R5W CE 1/16 S24 RM 2 2012 PLS 1941"  
SET A 5.5" STEEL POST 6' WEST OF CORNER.
17. **CE 1/16 S24** PLSS ID. NO. 660340  
LAT: 43°07'14.18117" N. LONG: 123°13'51.72637" W.  
SET A 5/8" X 30" IRON ROD, 24" IN THE GROUND IN A 36" DIAM STONE COLLAR TO TOP, WITH A 2" ALUMINUM CAP MARKED:  
T28S R5W  
CE1/16 S24  
2012  
PLS 1941  
FROM WHICH NEW REFERENCE MONUMENTS:  
A 2" BRASS DISC BEARS N.65°16'46"E., 104.73 FEET SET IN CONCRETE IN THE NW EDGE OF A 20' DIAM X 8' HIGH ROCK OUTCROPPING; STAMPED "T28S R5W CE 1/16 S24 RM 1 2012 PLS 1941"  
A 2" BRASS DISC BEARS N.67°29'34"W., 239.00 FEET SET IN CONCRETE ON THE HIGH POINT OF A 5' X 4' X 4.5' HIGH SPIRED ROCK OUTCROP; STAMPED "T28S R5W CE 1/16 S24 RM 2 2012 PLS 1941"  
SET A 5.5" STEEL POST 6' WEST OF CORNER.
18. **1/4 S24/S19** PLSS ID. NO. 700340  
LAT: 43°07'14.60808" N. LONG: 123°13'33.96233" W.  
FOUND A 1974 USBLM BCIP AND ACCESSORIES BY G.S. POPKEN PER A 1974 DEPENDENT RESURVEY.
19. **1/4 S24/S25** PLSS ID. NO. 640300  
LAT: 43°06'47.17295" N. LONG: 123°14'09.58984" W.  
FOUND A 1961 BCIP BY J. BYRON PER C.S. 49/64 AND ORIGINAL ACCESSORIES.

### SURVEY PROCEDURE:

A STATIC GPS SURVEY WAS PERFORMED HOLDING AN OPUS SOLUTION ON "DODSON AZ MK" COMPLETED IN 2009 FOR M 159-69. CORNERS STATION "DDSN" WAS STATICALLY PROCESSED INTO THE EXISTING M 159-69 CONTROL, AND THEN HELD IN THAT POSITION TO ADJUST THE REMAINDER OF THE STATIC NETWORK. FOLLOWING ARE THE GEODETIC COORDINATES HELD FOR NETWORK CONTROL.

DODSON AZ MK 43°06'46.84467" N. 123°14'43.05258" W.  
ELLIP HGT: 804.550m  
DDSN 43°07'07.63126" N. 123°14'39.21325" W.  
ELLIP HGT: 953.625m

PROJECT CONTROL POINTS AND OCCUPIABLE PLSS MONUMENTS WERE STATICALLY PROCESSED AND THEN PROJECTED ONTO A LOCAL TRANSVERSE MERCATOR PROJECTION AS FOLLOWS.

REFERENCE DATUM: NAD 83 (CORS96)(EPOCH 2002.0000)  
PROJECTION: TRANSVERSE MERCATOR (TM)  
LATITUDE OF ORIGIN: 43°06'00"N.  
CENTRAL MERIDIAN: 123°14'10"W.  
ZONE WIDTH: 2°00'00"  
ORIGIN SCALE FACTOR: 1.000096  
FALSE NORTHING: 50000.000 ft  
FALSE EASTING: 150000.000 ft

CONVENTIONAL TRAVERSE LOOPS WERE RUN ALONG ALL LINES POSTED, AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES.

### LEGEND:

- ⊙ = SET 5/8" X 30" IRON ROD W/ 2" ALUMINUM CAP AS NOTED
- ⊙ = FOUND PLSS MONUMENT AS NOTED
- △ = COMPUTED POINT NOT SET
- ( ) = RECORD PER GLO 1871
- [ ] = RECORD PER M 8-3 BY J. BYRON IN 1957
- < > = RECORD PER 1974 USBLM DEPENDENT RESURVEY
- { } = RECORD PER M 110-57 BY J. ARTMAN IN 1990
- (( )) = RECORD PER M 138-20 BY C. SWEEDEN IN 2001
- [[ ]] = RECORD PER M 150-2 BY R. QUMBY IN 2006
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2" STEEL POSTS.

**BTS ENGINEERING & SURVEYING, INC.**  
431 S.E. MAIN ST., ROSEBURG, OR 97470  
PHONE (541) 673-0966 FAX (541) 673-0105

SCALE: 1" = 500'	FOR: JESSE FAMILY LLC 510 JESSE LANE ROSEBURG, OR 97470	JOB #: 12-020 FILE: JESSE_PLAT.DWG
DATE: OCTOBER 25, 2012		SHEET 1 OF 1