

# RECORD OF SURVEY

LOCATED IN  
SW 1/4, SECTION 21, T21S, R4W, W.M.  
DOUGLAS COUNTY, OREGON

FILED  
Date: 5/30/2018 By: [Signature]  
This Survey Consists of:  
Map: M171-41  
Narrative:  
Corner Rpt.:  
DOUGLAS COUNTY SURVEYOR

### NARRATIVE:

THE PURPOSE OF THIS SURVEY IS TO SUBDIVIDE THE SW 1/4 OF SECTION 21, T21S, R4W, W.M., MONUMENT THE WEST 1/16 CORNER OF S21/S28, THE SW 1/16 CORNER OF S21, THE WEST 30 ACRES OF THE NW1/4 OF THE SW1/4, AND TO POST AND MARK THE EAST AND A PORTION OF THE NORTH BOUNDARY OF THE SW1/4 OF THE SW1/4.

### SURVEY HISTORY:

- 1855 USGLO ORIGINAL SURVEY OF T.21S., R.4W., W.M. BY U.S. DEPUTY SURVEYORS HARVEY GORDON AND CHARLES T. GARDNER PER CONTRACT NO. 52, DATED FEBRUARY 17, 1855.
- 1953 DOUGLAS COUNTY SURVEY C.S. FILE 41/183, FILED AUGUST 1953 BY CHARLES C. BAYLES, PE NO. 2603 FOR LEROY LUMBER CO. - BAYLES MONUMENTS THE SECTION CORNER OF S20/S21/S28/S29 FROM ORIGINAL EVIDENCE, PROPORTIONS THE 1/4 S20/S21, AND SURVEYS & MARKS THE E-W C OF S21 SETTING THE APPROXIMATE C1/4 (LAUREL POST) AT MID-POINT.
- 1964 DOUGLAS COUNTY SURVEYORS OFFICE C.S. FILE 49/68 - DCSO RENEWS THE BAYLES 1/4 S20/S21 CORNER POSITION SETTING A BCIP AND BEARING TREES, ACCEPTS THE BAYLES 3/4" IRON PIPE AT S20/S21/S28/S29, MARKING NEW BEARING TREES, AND ALSO SEARCHES AND FINDS NO EVIDENCE OF THE ORIGINAL 1/4 S21/S28.
- 1974 DOUGLAS COUNTY SURVEY C.S. FILE 58/10, FILED OCTOBER 10, 1974 BY RONALD E. STUNTZNER, PE NO. , FOR RESERVATION RANCH - STUNTZNER SURVEYS THE SOUTH LINE OF SECTION 21, SETTING THE 1/4 S21/S28 AT PROPORTIONATE POSITION.
- 1980 DOUGLAS COUNTY SURVEY M 82-14, FILED FEBRUARY 8, 1980 BY WILLIAM A. EIMSTAD, PLS 377, FOR CHARLES BOOHER - EIMSTAD RETRACES THE SOUTH LINE OF SECTION 21, AND SUBDIVIDES SECTION 28.
- 1981 DOUGLAS COUNTY SURVEY M 89-25, FILED OCTOBER 27, 1981 BY WILLIAM A. EIMSTAD, PLS 377, FOR J.H. BAXTER COMPANY - EIMSTAD SUBDIVIDES SECTION 21, SETTING A PROPORTIONED 1/4 S21/S22, AND THE C 1/4 & CS 1/16 S21.
- 1988 DOUGLAS COUNTY SURVEY M 106-3, FILED APRIL 1988 BY DONALD L. PEEL, PLS 752 FOR WEYERHAEUSER CO. - PEEL SURVEYS AND MARKS BETWEEN THE 1/4 S20/S21 AND THE C 1/4 S21
- 2000 DOUGLAS COUNTY SURVEY M 134-42, FILED MARCH 29, 2000 BY L.D. ROBERTS, PLS FOR WILLAMETTE INDUSTRIES INC. - ROBERTS SUBDIVIDES THE SE 1/4 OF SECTION 20, SETTING THE S 1/16 OF S20/S21.

### BOUNDARY CONTROL:

THE FOLLOWING CORNERS ARE FOUND AND ACCEPTED IN THEIR MONUMENTED POSITIONS: THE SECTION CORNER OF S20/S21/S28/S29, 1/4 & S 1/16 CORNERS OF S20/S21, 1/4 S21/S28, AND THE C 1/4 & CS 1/16 CORNERS OF SECTION 21. USING THESE CORNER POSITIONS THE SOUTHWEST 1/4 OF SECTION 21 WAS SUBDIVIDED AND THE W 1/16 S21/S28 AND THE SW 1/16 S21 ARE SET AS PER THE 2009 BLM MANUAL OF SURVEYING INSTRUCTIONS, AND THE LAWS OF THE STATE OF OREGON.

THE COLE DEED INSTRUMENT NO. 1987-15621 LEGAL DESCRIPTION READS AS FOLLOWS: "THE WEST 30 ACRES LYING IN THE NW 1/4 OF THE SW 1/4 OF SECTION 21, TOWNSHIP 21 SOUTH, RANGE 4 WEST, DOUGLAS COUNTY, OREGON." I COMPUTE THE WEST 30.00 ACRES OF THE NW 1/4 OF THE SW 1/4 BY HOLDING A LINE PARALLEL TO THE WEST BOUNDARY, AND MONUMENTING THE PROPERTY CORNERS.

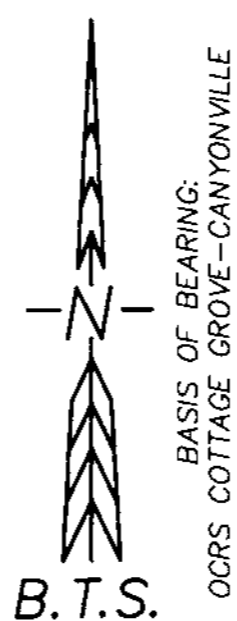
I MARK TRUE LINE BY SETTING RED PAINTED 5 1/2" STEEL POSTS INTERVISIBLE AT NO MORE THAN ±225-250 FT INTERVALS. TREES WITHIN 3-5 FT OF THE BOUNDARY ARE BLAZED WITH ONE FACING BLAZE. LINE TREES ARE BLAZED WHERE LINE PASSES THROUGH TREE AT BREAST HEIGHT, WITH THREE BLAZES ON EACH SIDE OF TREE. ALL BLAZES ARE PAINTED RED.

### SURVEY CONTROL PROCEDURE:

A STATIC GPS SURVEY WAS PERFORMED WITH LEICA 1200 GPS RECEIVERS AND UTILIZING THE ODOT OREGON REAL TIME GPS NETWORK (ORGN) CORS STATIONS. THE GPS BASELINES OBSERVED TO PROJECT CONTROL POINTS WERE PROCESSED AND ADJUSTED WITH LEICA GEO OFFICE. THE RESULTANT GEODETIC COORDINATES WERE THEN PROJECTED ONTO THE BELOW DEFINED TRANSVERSE MERCATOR COORDINATE SYSTEM. CLOSED LOOP CONVENTIONAL TRAVERSES WERE RUN TO CONTROLLING CORNERS AND ALONG THE BOUNDARY BETWEEN THE GPS CONTROL POINTS WITH A LEICA TCPR1203 TOTAL STATION, AND ADJUSTED IN LEICA GEO OFFICE BY THE METHOD OF LEAST SQUARES. THIS SURVEY WAS PERFORMED IN THE FIELD FROM MARCH 20, 2018 TO APRIL 3, 2018 BY ADAM DEGROOT, RYLAND PARAZOO, LUCAS ERICKSON, AND WYATT KEADY, WITH COMPUTATIONS AND DRAFTING BY ADAM DEGROOT.

OCRS COTTAGE GROVE-CANYONVILLE ZONE  
TRANSVERSE MERCATOR PROJECTION  
REFERENCE DATUM: NAD 83 (2011) EPOCH 2010.00  
LATITUDE OF ORIGIN: 42°50'00"N  
CENTRAL MERIDIAN: 123°20'00"W  
CENTRAL MERIDIAN SCALE: 1.000023  
FALSE NORTHING: 0.000 M  
FALSE EASTING: 50000.000 M

STATION	LATITUDE	LONGITUDE	ELLIP HGT
LPSB	44°03'04.40923"N	123°05'24.24852"W	118.092 M
YONC	43°38'02.78725"N	123°17'53.82392"W	87.296 M
21S4W 300300	43°43'16.76466"N	123°11'15.96188"W	
21S4W 300320	43°43'29.81724"N	123°11'15.93592"W	
21S4W 300340	43°43'42.87325"N	123°11'15.91175"W	
21S4W 340340	43°43'42.84361"N	123°10'39.85001"W	
21S4W 340320	43°43'29.76743"N	123°10'39.81093"W	
21S4W 340300	43°43'16.69179"N	123°10'39.76924"W	
21S4W 320300	43°43'16.72863"N	123°10'57.86556"W	
21S4W 320320	43°43'29.79273"N	123°10'57.87322"W	
PROP-COR NO. 9	43°43'29.79906"N	123°11'02.47911"W	
PROP-COR NO. 10	43°43'42.86256"N	123°11'02.45413"W	



### CORNER DESCRIPTIONS:

ALL NEW BEARING TREES HAVE DOUBLE BLAZED FACES WITH A 1" BRASS WASHER STAMPED "DEGROOT PLS 89398" NAILED INTO THE LOWER BLAZE. BEARINGS ARE TAKEN TO THE CENTER OF THE TREE AT THE ROOT CROWN AND DISTANCES ARE MEASURED TO A MAG-HUB NAIL IN THE ROOT CROWN AT THE SIDE AND CENTER OF ALL BEARING TREES 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.

1. S20/S21/S28/S29 PLSS ID. NO. T21SR4W 300300  
FOUND A 3/4" I.D. IRON PIPE BY C.C. BAYLES IN 1953 PER C.S. FILE 41/183, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND

FROM WHICH BEARING TREES BY DCSO IN 1964:  
A 31" D. FIR SAW STUMP BEARS N.64°01'E., 8.73 FT TO MAG-HUB IN CTR W/HEALED BLAZE (REC. N.64°E., 9.0 FT)  
A 40" X 7" HIGH D. FIR STUMP BEARS N.49°15'W., 23.3 FT W/HEALED BLAZE (REC. N.49°W., 23.7 FT)  
A 27" D. FIR BEARS S.48°45'W., 26.7 FT W/ HEALED BLAZE (REC. S.48°W., 27.0 FT)  
A 18" ROTTED D. FIR STUMP BEARS S.57°45'E., 27.7 FT W/NO MKS (REC. S.58°E., 27.9 FT)  
AND A NEW BEARING TREE:  
A 7" D. FIR BEARS S.50°30'E., 37.1 FT. SCRIBED "T21S R4W S28 B1" ON DBL BLAZE

2. S 1/16 S20/S21 PLSS ID. NO. T21SR4W 300320  
FOUND A 5/8" IRON ROD BY L.D. ROBERTS IN 2000 PER M 134-42, FIRMLY SET FLUSH WITH THE GROUND, WITH A YELLOW PLASTIC CAP MKD "ROBERTS SURVEYING INC"

FROM WHICH THE ORIGINAL 2000 BEARING TREES:  
A 20" D. FIR BEARS N.57°E., 42.1 FT W/HEALED BLAZE (N.58°E., 42.5 FT)  
A 12" MAPLE BEARS N.60°W., 10.1 FT W/HEALED BLAZE (N.57°W., 9.8 FT)

3. 1/4 S20/S21 PLSS ID. NO. T21SR4W 300340  
FOUND A 1 1/2" IRON POST BY DCSO IN 1964 PER C.S. FILE 49/68, WITH A PROPERLY MKD 2 1/2" BRASS CAP AND 2 LIVING BEARING TREES PER THE DCSO AND M 134-42 RECORDS.

4. C 1/4 S21 PLSS ID. NO. T21S R4W 340340  
FOUND A 5/8" IRON ROD BY W.A. EIMSTAD IN 1981 PER M 89-25, FIRMLY SET FLUSH WITH THE GROUND

FROM WHICH THE REMAINS OF THE 1981 BEARING TREES:  
A 19" ROTTED FIR STUMP BEARS N.67°45'W., 9.7 FT W/NO MKS VISIBLE (N.40°W., 13.7 FT) [N.40°45'W., 13.6 FT]  
A 13" ROTTED FIR STUMP BEARS S.43°W., 8.1 FT W/NO MKS VISIBLE (S.60°W., 6.0 FT) [S.47°30'W., 6.0 FT]  
NOTE: THE ABOVE FOUND STUMPS ARE EXCEEDINGLY ROTTED. I SEARCHED AT THE 1981 AND 1988 RECORD LOCATIONS AND DID NOT FIND ANY EVIDENCE. THESE ARE THE ONLY STUMPS IN THE CORNER LOCATION WHICH SOMEWHAT MATCH THE PREVIOUS RECORDS.  
AND NEW BEARING TREES:  
A 7" FIR BEARS N.70°45'E., 9.5 FT. SCRIBED "C1/4S21 B1" ON DBL BLAZE  
A 7" FIR BEARS S.23°30'E., 17.6 FT SCRIBED "C1/4S21 B1" ON DBL BLAZE  
AND NEW REFERENCE MONUMENTS:  
A 5/8" X 30" IRON ROD W/YPC "BTS ENG-SURV" BEARS S.70°51'44"W., 18.50 FT  
A 5/8" X 30" IRON ROD W/YPC "BTS ENG-SURV" BEARS N.24°44'09"W., 25.83 FT

5. CS 1/16 S21 PLSS ID. NO. T21S R4W 340320  
FOUND A 5/8" IRON ROD BY W.A. EIMSTAD IN 1981 PER M 89-25, FIRMLY SET, PROJECTING 2" ABOVE THE GROUND

FROM WHICH THE 1981 BEARING TREES:  
A 22" ROTTED D.FIR STUMP BEARS N.49°30'W., 7.7 FT W/ NO MKS VISIBLE (REC. N.45°W., 7.8 FT)  
A 14" CHINQUAPIN BEARS S.57°W., 31.8 FT W/OPEN ROTTING & HOLLOW DBL BLAZE (REC. S.60°W., 32.1 FT)  
AND A NEW BEARING TREE:  
A 13" D.FIR BEARS N.13°45'W., 26.0 FT SCRIBED "CS 1/16 S21 B1" ON DBL BLAZE

6. 1/4 S21/S28 PLSS ID. NO. T21S R4W 340300  
FOUND A 1/2" I.D. IRON PIPE BY R.E. STUNTZNER IN 1974 PER C.S. FILE 58/10, FIRMLY SET & PROJECTING 3" ABOVE GROUND, WITH 2 LIVING BEARING TREES PER THE RECORD.

7. W 1/16 S21/S28 PLSS ID. NO. T21S R4W 320300  
AT THE PROPORTIONED POSITION: SET A 5/8" X 30" IRON ROD 26" IN THE GROUND WITH A 1 1/2" ALUMINUM CAP MKD:

T21S R4W  
W1/16-S21  
S28  
2018  
PLS89398  
FROM WHICH NEW BEARING TREES:  
A 40" CEDAR BEARS N.12°E., 28.8 FT SCRIBED "W 1/16 S21 B1" ON DBL BLAZE  
A 7" FIR BEARS S.82°E., 19.6 FT SCRIBED "W 1/16 S28 B1" ON DBL BLAZE

8. SW 1/16 S21 PLSS ID. NO. T21S R4W 320320  
AT THE CORNER POSITION: SET A 5/8" X 30" IRON ROD 26" IN THE GROUND WITH A 1 1/2" ALUMINUM CAP MKD:

T21S R4W  
SW1/16 S21  
2018  
PLS89398  
FROM WHICH NEW BEARING TREES:  
A 12" D. FIR BEARS S.23°30'E., 10.2 FT SCRIBED "SW 1/16 S21 B1" ON DBL BLAZE  
A 14" D. FIR BEARS N.48°15'W., 13.0 FT SCRIBED "SW 1/16 S21 B1" ON DBL BLAZE

A 3/4" X 48" IRON ROD NOT OF RECORD BEARS N.83°20'30"E., 73.54 FT, PROJECTING 24" ABOVE GROUND

9. PROPERTY CORNER  
SET A 5/8" X 30" IRON ROD 24" IN THE GROUND WITH A YELLOW PLASTIC CAP MKD "BTS ENG-SURV"

FROM WHICH NEW BEARING TREES:  
A 12" D. FIR BEARS N.38°30'E., 20.0 FT SCRIBED "PC B1" ON DBL BLAZE  
A 9" CEDAR BEARS S.24°E., 6.0 FT SCRIBED "PC B1" ON DBL BLAZE

SET A 5 1/2" STEEL POST ON-LINE N.0°01'25"W., 48.9 FT - BRUSH & BLAZE TO POST

10. PROPERTY CORNER  
SET A 5/8" X 30" IRON ROD 24" IN THE GROUND WITH A YELLOW PLASTIC CAP MKD "BTS ENG-SURV"

FROM WHICH NEW BEARING TREES:  
A 6" D. FIR BEARS N.33°45'E., 7.1 FT SCRIBED "PC B1" ON DBL BLAZE  
A 18" CEDAR BEARS S.24°E., 17.3 FT SCRIBED "PC B1" ON DBL BLAZE

SET A 5 1/2" STEEL POST ON-LINE S.0°01'25"E., 116.5 FT - BRUSH & BLAZE TO POST

**BTS SURVEYING, INC.**  
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SCALE: 1" = 200'	FOR: BRUCE & ANN COLE 34 SPRUCE STREET ROCKPORT, ME 04856	JOB #: 18-019 FILE: 18-019 PLAT.DWG SHEET 1 OF 1
DATE: MAY 29, 2018		

### LEGEND:

- ⊙ = SET 5/8" x 30" IRON ROD w/PLASTIC CAP "BTS ENG-SURV"
- ⊙ = SET 5/8" x 30" IRON ROD w/1 1/2" ALUMINUM CAP
- ⊙ = FOUND PLSS MONUMENT AS NOTED IN THE CORNER DESCRIPTIONS
- △ = COMPUTED POINT - NOT SET
- = PROPERTY LINES BLAZED, PAINTED & POSTED WITH 5 1/2" STEEL POSTS
- ( ) = RECORD PER M 89-25 - EIMSTAD 1981
- (( )) = RECORD PER M 82-14 - EIMSTAD 1980
- [ ] = RECORD PER M 134-42 - ROBERTS 2000
- [ [ ] ] = RECORD PER C.S. FILE 58/10 - STUNTZNER 1974
- { } = RECORD PER M 106-3 - PEEL 1988