

RECORD OF SURVEY

LOCATED IN
SECTION 20, T32S, R4W, W.M.
DOUGLAS COUNTY, OREGON

FILED
Date: 1-18-2005 By: HUR
This survey consists of:
Map: M 146-16
No. of sheets: _____
Corner Rpt: _____
DOUGLAS COUNTY
SURVEYOR

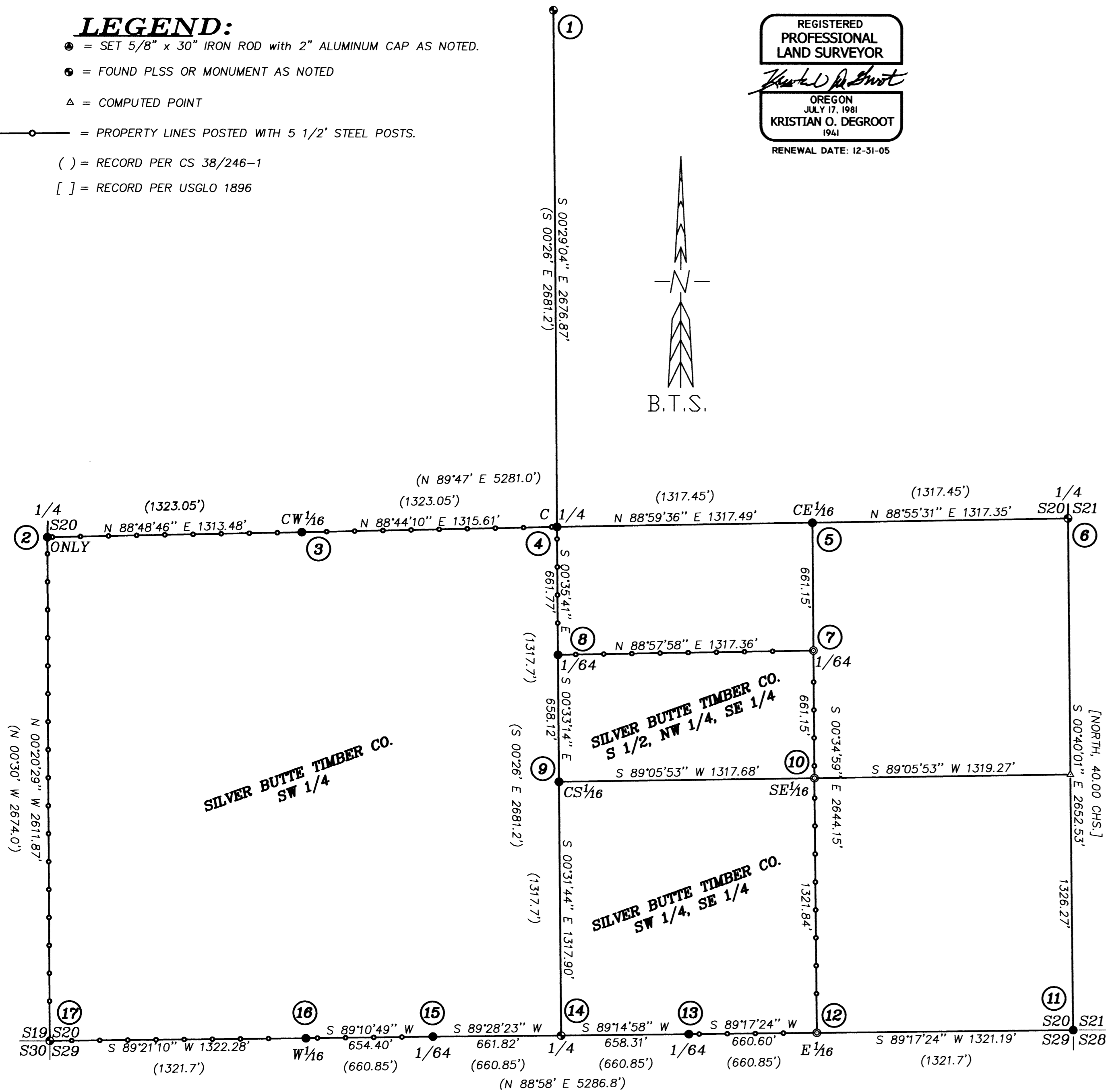
NARRATIVE:

THE PURPOSE OF THIS SURVEY WAS TO SUBDIVIDE THE SE 1/4 OF SECTION 20 AND MONUMENT CORNERS AND POST THE SILVER BUTTE TIMBER CO. BOUNDARY LINES IN SECTION 20. A GPS CONTROL SURVEY WAS COMPLETED AND RANDOM TRAVERSE LOOPS WERE SURVEYED BETWEEN THE GPS POINTS, CONTROLLING CORNERS AND ALONG THE BOUNDARY LINES POSTED. THE SURVEY WAS CONTROLLED BY THE SOUTHEAST SECTION CORNER, SOUTHWEST SECTION CORNER, NORTH 1/4 CORNER, SOUTH 1/4 CORNER, EAST 1/4 CORNER AND WEST 1/4 CORNER WHICH WERE FOUND AS RESTORED IN THEIR ORIGINAL POSITIONS AND BY MONUMENTS SET BY WENDEROTH IN 1947 UNDER CS 38/246-1 AND IN 1969 UNDER CS 38/246-2. AT THE SOUTH 1/4 CORNER I FOUND A 1959 USBLM BRASS CAP WITH A 1" IRON PIPE BY WENDEROTH SET ALONGSIDE BEARING N.70°E, 0.3 FEET. WENDEROTH REESTABLISHED THIS CORNER BY PROPORTIONATE MEASUREMENT IN 1947 PER CS 38/246-1 AND MARKED A 12" FIR BEARING N.50°E, 32.4 FEET USBLM CADASTRAL SURVEYOR, THIELSEN, SET A BRASS CAP FROM ORIGINAL EVIDENCE IN 1959 AND MARKED A 13" FIR BEARING N.51°E, 49 LKS. (32.3 FEET) BUT DID NOT MENTION WENDEROTH'S MONUMENT IN THE RENEWAL. I FOUND A 36" D.FIR AT N.50°E, 33.4 FEET AND ACCEPTED IT AS BOTH WENDEROTH'S AND THIELSEN'S BEARING TREE AND DETERMINED THAT THIELSEN EITHER REMOVED WENDEROTH'S MONUMENT WHEN SETTING THE BRASS CAP AND SUBSEQUENTLY RESET IT ALONGSIDE OR THAT HE SET THE BRASS CAP AND THEN PULLED WENDEROTH'S MONUMENT AND SET IT ALONGSIDE. BECAUSE THE TIE TO THE 36" FIR BEARING TREE MATCHES BOTH WENDEROTH'S AND THIELSEN'S RECORD, I ACCEPTED THE POSITION OF THE BRASS CAP AS THE POSITION OF WENDEROTH'S MONUMENT AND THEREFORE ACCEPTED THE INTERIOR CORNERS SET BY WENDEROTH UNDER CS 38/246-1 AND CS 38/246-2. I DID NOT CLOSELY MATCH WENDEROTH'S CS 38/246-1 RECORD ON THE WEST LINE AND THE WEST 1/2 OF THE EAST-WEST CENTERLINE BUT THE CW 1/16 WAS FOUND LOCATED WITHIN APPROXIMATELY 1 FOOT OF THE COMPUTED POSITION AND ACCEPTED AS FOUND. THIS SURVEY WAS PERFORMED BY LES FANNING, MATT DIXON, ADAM DEGROOT AND JERED CARPENTER USING LEICA SR299 GPS RECEIVER AND A NIKON DMT 531 TOTAL STATION WITH COMPUTATIONS BY KRIS DEGROOT AND DRAFTING BY BILL WARREN.

LEGEND:

- = SET 5/8" x 30" IRON ROD WITH 2" ALUMINUM CAP AS NOTED.
- ⊙ = FOUND PLSS OR MONUMENT AS NOTED
- △ = COMPUTED POINT
- = PROPERTY LINES POSTED WITH 5 1/2' STEEL POSTS.
- () = RECORD PER CS 38/246-1
- [] = RECORD PER USGLO 1896

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Hans D. Thiel
OREGON
JULY 17, 1981
KRISTIAN O. DEGROOT
1941
RENEWAL DATE: 12-31-05



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. 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 1/4 S17/S20
FOUND 2 1/2" USBLM BCIP AND ACCESSORIES PER PLSS ID NO. 240300
- ② 1/4 S20 ONLY
FOUND 2 1/4"(O.D.) IRON PIPE PROJECTING 12" ABOVE THE GROUND PER CS 38/246-1
FROM WHICH NEW BEARING TREES:
A 19" D.FIR BEARS S.33°00'E, 14.4 FEET SCRIBED "1/4 S20 BT"
A 8" D.FIR BEARS N.55°00'W, 26.8 FEET SCRIBED "1/4 S19 BT"
AND NEW BEARING OBJECTS:
A 5/8" IRON ROD BEARS N.33°00'W, 15.00 FEET
A 5/8" IRON ROD BEARS S.56°00'E, 20.00 FEET
- ③ CW 1/16
FOUND 2"(O.D.) IRON PIPE PROJECTING 12" ABOVE GROUND PER CS 38/246-1
FROM WHICH BEARING TREES BY WENDEROTH IN 1947:
A 16" FIR STUMP BEARS S.61°15'W, 30.4 FEET (REC. S.82°00'W, 30.7 FT.)
A 16" FIR STUMP BEARS S.66°15'E, 31.7 FEET (REC. S.65°45'E, 30.6 FT.)
AND NEW BEARING TREES:
A 5" D.FIR BEARS S.84°00'E, 15.0 FEET SCRIBED "CW 1/16 S20 BT"
A 10" D.FIR BEARS S.42°00'W, 13.3 FEET SCRIBED "CW 1/16 S20 BT"
- ④ C 1/4
FOUND 1" IRON PIPE BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 8" ABOVE THE GROUND.
AND NEW BEARING TREES:
A 10" D.FIR BEARS S.24°45'W, 21.2 FEET SCRIBED "C 1/4 S20 BT"
A 8" D.FIR BEARS N.54°30'W, 19.8 FEET SCRIBED "C 1/4 S20 BT"
AND NEW BEARING OBJECTS:
A 5/8" IRON ROD W/PC MARKED "BTS ENG-SURV" BEARS N.34°21'31"W, 23.22 FEET
A 5/8" IRON ROD W/PC MARKED "BTS ENG-SURV" BEARS N.46°11'10"W, 27.27 FEET
- ⑤ CE 1/16
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 4" ABOVE THE GROUND.
NO BEARING TREES REMAIN
- ⑥ 1/4 S20/S21
FOUND 1959 USBLM BCIP AND ACCESSORIES PER PLSS ID NO. 300340
- ⑦ C-N-SE 1/64
SET A 5/8" X 30" IRON ROD, 27" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:
T32S R4W
C-N-SE 1/64
2004
PLS 1941
FROM WHICH NEW BEARING TREES:
A 10" D.FIR BEARS S.71°00'E, 34.1 FEET SCRIBED "C-N-SE 1/64 BT"
A 15" D.FIR BEARS S.49°45'W, 38.7 FEET SCRIBED "C-N-SE 1/64 BT"
AND A BEARING OBJECT:
A 1" IRON PIPE BEARS S.74°09'28"W, 7.10 FEET
- ⑧ C-N-S 1/64
FOUND A 3/4" IRON PIPE, BY WENDEROTH IN 1969 PER CS 38/246-2, FIRMLY SET, PROJECTING 10" ABOVE THE GROUND.
FROM WHICH BEARING TREES BY WENDEROTH IN 1969:
A 10" YEW BEARS S.44°15'W, 5.0 FEET WITH SCRIBE MARKS VISIBLE (REC. N.43°20'W, 4.5 FT.)
A 14" D.FIR BEARS N.74°00'E, 9.0 WITH HEALED BLAZE (REC. N.75°22'E, 8.6 FT.)
- ⑨ CS 1/16
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND.
FROM WHICH BEARING TREES BY WENDEROTH IN 1947:
A 24" D. FIR STUMP BEARS S.79°15'W, 7.4 FEET WITH A HEALED BLAZE (REC. 6.9 FT.)
A 20" D. FIR BEARS S.17°15'E, 3.6 FEET WITH A HEALED BLAZE (REC. S.17°10'E, 3.4 FT.)
- ⑩ SE 1/16
SET A 5/8" X 30" IRON ROD, 27" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:
T32S R4W
SE 1/16
S20
2004
PLS 1941
FROM WHICH NEW BEARING TREES:
A 14" D.FIR BEARS N.99°00'E, 14.5 FEET SCRIBED "SE 1/16 S20 BT"
A 5" D.FIR BEARS S.38°30'E, 18.5 FEET SCRIBED "SE 1/16 S20 BT"
- ⑪ S20/S21/S28/S29
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 8" ABOVE THE GROUND.
FROM WHICH BEARING TREES BY WENDEROTH IN 1947:
A 11" CHINQUAPIN BEARS N.34°30'W, 22.3 FEET WITH A HEALED BLAZE (REC. N.34°33'W.)
A 27" D. FIR BEARS S.80°00'W, 5.6 FEET WITH A HEALED BLAZE
A 10" MADRONE BEARS N.9°15'E, 35.9 FEET WITH A HEALED BLAZE (REC. N.9°09'E.)
A 6" MADRONE SNAG BEARS S.48°00'E, 21.5 FEET WITH SCRIBE MARKS VISIBLE
- ⑫ E 1/16
FOUND A 1" IRON PIPE, NOT OF RECORD, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND BEARS S.81°49'36"W, 8.52 FEET. THIS MONUMENT WAS SIMILAR TO THOSE SET BY WENDEROTH IN 1947 PER CS 38/246-1 BUT WAS NOT RECORDED IN THE NOTES OR PLAT OF CS 38/246-1 AND THEREFORE WAS NOT ACCEPTED AS THE E 1/16 CORNER.
SET A 5/8" X 30" IRON ROD, 27" IN THE GROUND WITH A 2" ALUMINUM CAP STAMPED:
T32S R4W
E 1/16 S20
2004
PLS 1941
FROM WHICH EXISTING BEARING TREE:
A 44" D.FIR BEARS N.21°30'E, 19.4 FEET WITH A HEALED BLAZE.
AND NEW BEARING TREES:
A 10" D.FIR BEARS N.56°30'W, 51.9 FEET SCRIBED "E 1/16 S20 BT"
A 9" D.FIR BEARS S.1°00'W, 64.0 FEET SCRIBED "E 1/16 S29 BT"
- ⑬ W-E 1/64 S20/S29
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND.
FROM WHICH A BEARING TREE BY WENDEROTH IN 1947 PER CS 38/246-1:
A 12" D.FIR BEARS S.53°45'E, 6.8 FEET WITH HEALED BLAZE, (REC. S.53°18'E, 6.9 FT.)
A 14" D.FIR BEARS N.45°45'W, 20.6 FEET WITH HEALED BLAZE, (REC. N.45°15'W, 20.6 FT.)
- ⑭ 1/4 S20/S29 (PLSS ID NO. 240300)
FOUND A 2 1/2" (O.D.) IRON PIPE BY USBLM CADASTRAL SURVEYOR, HANS W. THIELSEN, IN 1959, FIRMLY SET, PROJECTING 8" ABOVE THE GROUND WITH A 3 1/4" USBLM STANDARD BRASS CAP STAMPED:
1/4 S20
S29
T32S R4W
1959
FROM WHICH A BEARING TREE BY WENDEROTH IN 1947 PER CS 38/246-1:
A 36" D.FIR BEARS N.50°E, 33.4 FEET WITH A HEALED BLAZE (REC.N.50°E, 32.4 FT.)
AND A BEARING TREE BY THIELSEN IN 1959:
A 30" D.FIR BEARS S.16°45'W, 7.4 FEET (REC. S.18°E, 12 LKS.)
FROM WHICH NEW BEARING TREES:
A 8" D.FIR BEARS N.45°15'W, 26.8 FEET SCRIBED "1/4 S20 BT"
A 19" D.FIR BEARS S.73°15'E, 19.2 FEET SCRIBED "1/4 S29 BT"
AND NEW BEARING OBJECTS:
A 5/8" IRON ROD SET 26" IN THE GROUND W/PC MARKED "BTS ENG-SURV" BEARS S.17°58'18"W, 16.54 FEET
- ⑮ E-W 1/64 S20/S29
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, BURIED 2" BELOW THE GROUND.
FROM WHICH BEARING TREES BY WENDEROTH IN 1947:
A 37" D.FIR BEARS N.81°45'W, 42.0 FEET WITH A HEALED BLAZE (REC. 16" CEDAR, N.79°30'W, 41.6 FEET)
A ROTTED 16" CEDAR STUMP BEARS N.4°15'E, 110.0 FEET (REC. N.5°45'E, 109.4 FEET)
FROM WHICH A NEW BEARING TREE:
A 11" CEDAR BEARS S.30°45'E, 23.3 FEET SCRIBED "EW 1/64 S29 BT"
- ⑯ E-W 1/64 S20/S29
FOUND A 1" IRON PIPE, BY WENDEROTH IN 1947 PER CS 38/246-1, FIRMLY SET, PROJECTING 6" ABOVE THE GROUND.
FROM WHICH BEARING TREES BY WENDEROTH IN 1947:
A 32" CEDAR BEARS S.79°00'W, 21.1 FEET WITH A HEALED DOUBLE BLAZE (REC. 16" CEDAR, N.77°55'W, 21.1 FEET)
A 27" CEDAR BEARS S.49°00'E, 26.0 FEET WITH A HEALED DOUBLE BLAZE (REC. S.48°24'E, 25.6 FEET)
- ⑰ S19/S20/S29/S30
FOUND 2 1/2" USBLM BCIP AND ACCESSORIES PER PLSS ID NO. 200300

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

SCALE: 1" = 400'	FOR: SILVER BUTTE TIMBER CO. P.O. BOX 4 RIDDLE, OR 97469	JOB #: 04-071 FILE: STARVOUT.DWG SHEET 1 OF 1
DATE: JANUARY 3, 2005		