

CHAINS

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF PORTIONS OF THE
SOUTH AND WEST BOUNDARIES AND SUBDIVISIONAL LINES,
AND
THE SUBDIVISION OF SECTIONS 15, 31, AND 32,
TOWNSHIP 21 SOUTH, RANGE 11 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Deborah M. Stephens, Cadastral Surveyor

Harvey E. Wofford, Cadastral Surveyor

Under Special Instructions dated January 8, 1990, approved January 9, 1990,
and Supplemental Special Instructions dated April 11, 1991,
approved April 11, 1991,
which provides for the survey included under Group No. 1521,
and Assignment Instructions dated March 15, 1990, and April 24, 1991.

Survey commenced April 9, 1990

Survey completed April 3, 1995

T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of portions of the south and west boundaries and subdivisional lines, and the subdivision of sections 15, 31 and 32, township 21 south, range 11 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as follows:

The west boundary of the township was surveyed by Harvey Gordon, U.S. Deputy Surveyor, in 1858.

The meanders of the Umpqua River and portions of the south boundary and subdivisional lines were surveyed by William H. Byars, U.S. Deputy Surveyor, in 1874.

A portion of the south and west boundaries was resurveyed and portions of the subdivisional lines were surveyed by William Thiel, U. S. Deputy Surveyor, in 1891.

A portion of the south boundary was resurveyed by Williams R. Whipple, U. S. Deputy Surveyor, in 1894.

A portion of the subdivisional lines was resurveyed by Thomas A. Tillman, Cadastral Surveyor, in 1957.

A portion of the subdivisional lines was resurveyed and section 22 subdivided by Floyd A. Brooks, Cadastral Surveyor, in 1960.

A portion of the south boundary was resurveyed by John A. Farmer, Cadastral Surveyor, in 1987-88.

The following plats and government corner renewal reports, filed in the Douglas County records, are referred to in subsequent corner descriptions by the surveyor's last name and the year of the survey or corner renewal:

<u>Date</u>	<u>Surveyor and Registration Number</u>	<u>Plat File Number</u>
1959	Warren D. Hootman, No. 399	51-30
1971	James W. Byron, No. 303	M42-27
1977	Richard J. Hintz, No. 497	M63-73
1978	Richard J. Hintz, No. 497	M70-10
1979	Richard J. Hintz, No. 497	M70-74
1979	Ronald E. Stuntzner, No. 1342	M78-79
1980	Richard J. Hintz, No. 497	M83-57
1982	Donald R. Peel, No. 752	M91-63
1982	Richard J. Hintz, No. 497	M92-12
1982	Richard J. Hintz, No. 497	M93-47
1984	James W. Prochnau, No. 1305	M96-64A, M96-64B
1984	Richard J. Hintz, No. 497	M77-55
1984	Ronald E. Stuntzner, No. 1342	M97-16
1987	Eugene M. Wobbe, No. 1093	M104-43A, M104-43B

T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS

<u>Date</u>	<u>Surveyor and Registration Number</u>	<u>Government Corner Renewal Number</u>
1959	Warren D. Hootman, No. 399	20
1971	Douglas County Surveyor's Office	62, 63, 66, 68, 69, 71,
1976	Douglas County Surveyor's Office	82
1977	Richard J. Hintz, No. 497	89
1981	Donald L. Peel, No. 752	146

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 8, 1990, Supplemental Special Instructions dated April 11, 1991, and Amendment to Supplemental Special Instructions Diagram dated June 28, 1991, for Group No. 1521, Oregon.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original position; lost corners were reestablished and monumented at proportionate position based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by sustained angulation.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position [NAD 1983 (91)] of the corner of sections 4, 5, 32, and 33, townships 21 and 22 south, range 11 west, as determined by the Bureau of Land Management, Oregon State Office, Geodetic Control Unit, in 1992, is as follows:

Latitude: 43° 41' 32.699" N. Longitude: 124° 01' 47.507" W.

The geographic position [NAD 1983 (91)] of the 1/4 section corner of sections 10 and 15, as determined from a tie to Electronic Control Station No. 41064, established by the Bureau of Land Management, Oregon State Office, Geodetic Control Unit, in 1990, is as follows:

Latitude: 43° 45' 15.72" N. Longitude: 123° 59' 48.92" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of a Portion of the South Boundary,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

(Restoring the survey by William H. Byars in 1874,
and the resurvey by Williams R. Whipple in 1893-94)

**Dependent Resurvey of a Portion of the South Boundary,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS

Beginning at the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., reestablished at proportionate measurement by Byron in 1971, accepted by Stuntzner in 1979, Peel in 1982, Prochnau in 1984, and Stuntzner in 1984. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an iron post, 1½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T21S
R S 32 * S 33
11 -----
W S 5 * S 4
T22S
1971

from which a bearing tree mkd. by the County Surveyor's Office

A spruce, 54 ins. diam., bears S. 2½° W., 540 lks. dist., with healed blaze.

No other suitable accessories available.

From this point, the ¼ sec. cor. of secs. 4 and 33, bears S. 89° 54' 00" E., 40.370 chs. dist., monumented with an iron post, 1½ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap erroneously mkd.

COUNTY SURVEYORS OFFICE

T21S R12W
S 33
1/4 ----
S 4
T22S
1971

from which bearing objects by Byron in 1971

A rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, bears N. 89° E., 14 lks. dist.

A rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, bears N. 89° W., 65 lks. dist.

and bearing trees mkd. by Farmer

A chittum, 8 ins. diam., bears S. 38° W., 24 lks. dist., with scribe marks ¼ S4 BT visible on bark.

A fir, 12 ins. diam., bears N. 74 ¾° W., 80 lks. dist., with healed blaze.

N. 89° 53' 30" W., bet. secs. 5 and 32.

Descend over nearly level land, through scattering timber and light undergrowth.

**Dependent Resurvey of a Portion of the South Boundary,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS 40.355	<p>The 1/4 sec. cor. of secs. 5 and 32, reestablished at proportionate measurement by Byron in 1971, accepted by Stuntzner in 1979, Hintz in 1980, and Peel in 1982. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner. The Byron monument was removed during this survey by farm equipment after a traverse tie had been attained. The corner was reestablished from this traverse tie and the hole left by pipe.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, the top flush with the ground surface, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S 32 1/4 ----- S 5 T22S 1991</p> <p>No suitable accessories available.</p> <p>Set steel fence post alongside and deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 53' 00" W., beginning new measurement.</p> <p>Continue descent over nearly level land.</p>
40.380	<p>The cor. of secs. 5, 6, 31, and 32, reestablished at proportionate measurement by Byron in 1971. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S31 * S32 ----- S6 * S5 T22S 1971</p> <p>from which a reference monument by Byron</p> <p style="padding-left: 40px;">An iron post, 1 3/4 ins. diam., firmly set 4 ins. below the ground, bears N. 89° 56' W., 627 lks. dist., with brass cap mkd. COUNTY SURVEYORS OFFICE T21S R11W RM.1 S31 S6 T22S 1971.</p> <p>No other suitable accessories available.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 53' 30" W., bet. secs. 6 and 31.</p> <p>Continue descent over nearly level land.</p>

**Dependent Resurvey of a Portion of the South Boundary,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
7.00	Oregon State Highway No. 38, asphalt-surfaced, 75 lks. wide, bears N. 75° E. and S. 80° W.
7.80	Left bank of the Umpqua River, bears N. 75° E. and S. 80° W., course S. 80° W.; thence over water.
11.985	Point for the meander cor. of secs. 6 and 31, for the left bank of the Umpqua River at proportionate distance. There is no remaining evidence of the original corner. The corner is located in the Umpqua River. No monument set.
39.945	Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist., is located in the Umpqua River. No monument set.
56.550	True point for the cor. of Tps. 21 and 22 S., R. 11 W., as described in the field notes of the dependent resurvey of a portion of the E. bdy. of T. 22 S., R. 12 W., executed concurrently under this same group.
<hr/> <p>Dependent Resurvey of a Portion of the West Boundary, T. 21 S., R. 11 W., Willamette Meridian, Oregon</p> <hr/>	
<p>(Restoring the survey by Harvey Gordon in 1857)</p> <hr/>	
<p>From the true point for the cor. of Tps. 21 and 22 S., R. 12 W., as described in the field notes of the dependent resurvey of a portion of the E. bdy. of T. 22 S., R. 12 W., executed concurrently under this same group.</p>	
<p>N. 1° 46' 00" W., bet. secs. 31 and 36.</p>	
<p>Across river.</p>	
9.00	Right bank of the Umpqua River, bears N. 65° W. and S. 65° E.; asc. over SW slope.
10.270	Point for the meander cor. of secs. 31 and 36, on the right bank of the Umpqua River, at proportionate dist.; there is no remaining evidence of the original corner.
<p>At the corner point</p>	
<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	
<p>T21S R12W R11W S36 * S31 ----- MC 1991</p>	
<p>from which</p>	
<p>A spruce, 60 ins. diam., bears N. 31° W., 69 lks. dist., mkd. T21S R12W S36 MC BT.</p>	

**Dependent Resurvey of a Portion of the West Boundary,
T. 21 S ., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	No other suitable accessories available.
10.815	<p>The 1/4 sec. cor. of sec. 31 only, established by Byron in 1971, accepted by Hintz in 1984, and is accepted as the corner; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEY OFFICE T21S R * R 12 1/4 • S 31 11 W * W 1971</p> <p>from which bearing trees mkd. by Byron</p> <p style="padding-left: 40px;">A spruce, 31 ins. diam., bears S. 20° E., 31½ lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A spruce, 33 ins. diam., bears S. 20° W., 7 lks. dist., with healed blaze.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 1° 48' 30" W., beginning new measurement.</p> <p>Continue ascent over SW. slope.</p>
28.285	Point for the meander cor. for the left bank of Butler Creek, at proportionate distance. There is no remaining evidence of the original monument set. No monument set. Butler Creek flows through a tidal marsh.
28.775	Point for the 1/4 sec. cor. of sec. 36 only, at proportionate dist., is located in tidal marsh. No monument set.
30.065	Point for the meander cor. for the right bank of Butler Creek at proportionate distance. There is no remaining evidence of the original corner. No monument set.
32.40	North bank of tidal marsh, bears N. 80° E. and S. 80° W.; asc. over SE. slope.
32.560	<p>A witness cor. to the 1/4 sec. cor. for sec. 36 only, T. 21 S., R. 12 W., established by Byron in 1971; monumented with an iron post, 1½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEY OFFICE T21S R * R 12 S 36 * 1/4 11 W * W 1971</p> <p>from which a bearing tree and objects by Byron</p> <p style="padding-left: 40px;">A maple, 24 ins. diam., bears N. 81° E., 101 lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A rebar, 5/8 in. diam., firmly set, projecting 1 in. above ground, bears S. 88¾° W., 52½ lks. dist.</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 21 S ., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A rebar, 5/8 in. diam., firmly set, projecting 1 in. above ground, bears N. 79½° W., 103½ lks. dist.</p> <p>and a bearing tree mkd. by the County Surveyor's Office in 1976</p> <p>A fir, 17 ins. diam., bears N. 2¼° W., 68 lks. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 1° 51' 00" W., beginning new measurement.</p> <p>Continue ascent over broken SE. slope.</p>
7.090	<p>Point for the 1/16 80 sec. cor. of sec. 31 only.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">* 1 / 16 * S 31 * 80 1991</p> <p>from which</p> <p>A spruce, 40 ins. diam., bears N. 79¼° E., 40 lks. dist., mkd. 1/16 80 S31 BT.</p> <p>A spruce, 40 ins. diam., bears S. 45° E., 49 lks. dist., mkd. 1/16 80 S31 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>
18.65	<p>Spur, slopes N. 60° W.; desc. over broken SE. slope.</p>
35.70	<p>Creek, 1 lk. wide, course N. 85° W.; asc. over SW. slope.</p>
35.830	<p>The cor. of secs. 25, 30, 31, and 36, remonumented by Byron in 1971, accepted by Stuntzner and Hintz in 1979, Peel and Hintz in 1982, and Stuntzner and Hintz in 1984; monumented with an iron post, 1½ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE S 25 * S 30 ----- S 36 * S 31 1971</p> <p>from which the remains of an original bearing tree</p> <p>A roothole, bears N. 36° E., 90 lks. dist., with a down fir, 36 ins. diam., alongside, no marks visible.</p> <p>and the remains of bearing trees mkd. by Byron</p> <p>A fir, 32 ins. diam., bears North, 47½ lks. dist., with healed blaze.</p>

**Dependent Resurvey of a Portion of the West Boundary,
T. 21 S ., R. 11 W., Willamette Meridian, Oregon**

CHAINS

A spruce stump, 48 ins. diam., bears N. 48° E., 67½ lks. dist., with scribe marks BT visible on partially healed blaze.

A spruce, 9 ins. diam., bears N. 53° W., 55½ lks. dist., with healed blaze.

In 1891 William Theil, while subdividing T. 21 S., R. 11 W., could not recover the corner set by Harvey Gordon in 1857. He reestablished this corner at record bearing and distance from the Gordon ¼ sec. cor. of secs. 25 and 36, T. 21 S., R. 12 W. In 1971 Byron located an original Gordon bearing tree and found no evidence of the Theil corner. This position is accepted as the cor. of secs. 25, 30, 31, and 36.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

(Restoring the survey by William H. Byars in 1874, the survey by William Thiel in 1891, the resurvey by Thomas A. Tillman in 1957, and the resurvey by Floyd A. Brooks in 1960)

From the cor. of secs. 14, 15, 22, and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T21S R11W
S 15 * S 14

S 22 * S 23
1960

from which bearing trees mkd. by Brooks

A cedar, 30 ins. diam., bears S. 62° E., 31 lks. dist., with scribe marks 11W S visible on partially healed blaze.

A cedar, 42 ins. diam., bears S. 82° W., 59 lks. dist., no marks visible on decayed blaze.

A fir, 52 ins. diam., bears N. 14° W., 21 lks. dist., with healed blaze.

and a new bearing tree

A cedar, 39 ins. diam., bears N. 65¼° E., 167 lks. dist., mkd. T21S R11W S14 BT.

N. 0° 45' 00" E., bet. secs. 14 and 15.

Ascend over SW. slope, through moderate timber and dense undergrowth.

9.75 Spur, slopes S. 85° W.; desc. over N. slope.

15.95 Ravine, drains N. 80° W.; asc. over S. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
19.780	<p>The S 1/16 sec. cor. of secs. 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 1/16 S 15 * S 14 1960</p> <p>from which bearing trees mkd. by Brooks</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 59 1/2° E., 38 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears S. 78° W., 34 lks. dist., with healed blaze. (Record, 38 lks.)</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 35' 30" E., beginning new measurement.</p> <p>Ascend over S. slope, through logged area.</p>
14.70	Ridge, bears NW. and S. 55° E., also dirt road, 20 lks. wide, bears same; desc. over N. slope.
18.65	Ravine, drains N. 70° E.; asc. over S. slope.
19.830	<p>The 1/4 sec. cor. of secs. 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 15 * S 14 T21S R11W 1960</p> <p>from which the remains of bearing trees mkd. by Brooks</p> <p style="padding-left: 40px;">A maple stump, 28 ins. diam., bears S. 88° E., 64 lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A maple, 35 ins. diam., bears S. 29½° W., 59 lks. dist., no marks visible.</p> <p>and a bearing tree mkd. by Wobbe in 1987</p> <p style="padding-left: 40px;">A cherry, 8 ins. diam., bears S. 53° E., 8½ lks. dist., with scribe marks 1/4S S14 BT visible on bark blaze.</p> <p>From this point, the cor. of secs. 10, 11, 14, and 15 bears N. 0° 13' 00" W., 39.910 chs. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S 10 * S 11 S 15 * S 14 1960</p> <p>from which the remains of bearing trees mkd. by Brooks</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A cedar stump, 22 ins. diam., bears N. 65 3/4° E., 16 lks. dist., no marks visible on partially healed blaze.</p> <p>A hemlock stump, 36 ins. diam., bears S. 33 1/4° E., 12 lks. dist., no marks visible.</p> <p>A cedar stump, 27 ins. diam., bears S. 76 3/4° W., 24 lks. dist., no marks visible.</p> <p>A cedar stump, 31 ins. diam., bears N. 39 1/2° W., 29 lks. dist., with scribe marks R11W S10 BT visible on partially healed blaze.</p> <p>No other suitable accessories available.</p> <p>A steel fence post is alongside the iron post.</p> <hr/> <p>From the cor. of secs. 14, 15, 22, and 23.</p> <p>S. 89° 09' 30" W., bet. secs. 15 and 22.</p> <p>Descend over SW. slope, through moderate timber and dense undergrowth.</p>
0.80	Ravine, drains S.; asc. over SE. slope.
3.85	Top of ascent, slopes S.; desc. over broken SW. slope.
19.75	Creek, 5 lks. wide, course N. 10° W.; asc. over NE. slope.
19.970	<p>Point for the E 1/16 sec. cor. of secs. 15 and 22, at proportionate distance. There is no remaining evidence of the corner established by Brooks.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 15 E 1/16 ----- S 22 1990</p> </div> <p>from which</p> <p>A hemlock, 33 ins. diam., bears S. 57 3/4° E., 260 lks. dist., mkd. E 1/16 S22 BT.</p> <p>A maple, 24 ins. diam., bears N. 35° W., 107 1/2 lks. dist., mkd. E 1/16 S15 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Ascend over broken NE. slope.</p>
31.00	Spur, slopes N. 25° E.; desc. over NW. slope.
38.60	Ravine, drains N. 10° E.; asc. over NE. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
39.940	<p>The 1/4 sec. cor. of secs. 15 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 15 1/4 ----- S 22 T21S R11W 1960</p> <p>from which bearing trees mkd. by Brooks</p> <p style="padding-left: 40px;">A maple, 42 ins. diam., bears N. 87° E., 45 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A cedar, 43 ins. diam., bears S. 23½° W., 270 lks. dist., with healed blaze.</p> <hr style="width: 30%; margin: 20px auto;"/> <p>S. 89° 38' 30" W., beginning new measurement.</p> <p>Ascend over broken NE. slope.</p>
6.55	Spur, slopes N. 50° E.; desc. over SW. slope.
9.05	Ravine, drains N. 10° E.; asc. over broken NE. slope.
15.85	Spur, slopes N. 15° W.; desc. over SW. slope.
20.010	<p>The W 1/16 sec. cor. of secs. 15 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 15 W 1/16 ----- S 22 1960</p> <p>from which a bearing tree mkd. by Brooks</p> <p style="padding-left: 40px;">A maple, 23 ins. diam., bears N. 17° E., 119 lks. dist., with healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 63 ins. diam., bears S. 54¼° E., 88 lks. dist., mkd. W 1/16 S22 BT.</p> <p>Alongside the iron post is an iron rod, 3/8 in. diam., projecting 3 ft. above ground.</p> <hr style="width: 30%; margin: 20px auto;"/> <p>S. 88° 57' 00" W., beginning new measurement.</p> <p>Descend along S. slope.</p>
1.45	Ravine, drains N. 75° W.; continue descending along N. slope.
12.65	Creek, 4 lks. wide, course N. 15° W.; asc. over E. slope.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
18.55	Spur, slopes N. 40° E.; desc. over NW. slope.
19.850	<p>The cor. of secs. 15, 16, 21, and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S 16 * S 15 ----- S 21 * S 22 1957</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A cedar stump, 72 ins. diam., bears N. 54° E., 20 lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A hemlock snag, size indeterminate, bears S. 6½° W., 15 lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A hemlock snag, size indeterminate, bears N. 56° W., 35 lks. dist., with axe marks visible on partially healed blaze.</p> <p>and the remains of a bearing tree mkd. by Tillman</p> <p style="padding-left: 40px;">A cedar snag, size indeterminate, bears N. 39 3/4° W., 181 lks. dist., with scribe marks S R11W S16 BT visible on decayed blaze. (Record, N. 33 3/4° W.)</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">An alder, 7 ins. diam., bears S. 88½° E., 64 lks. dist., mkd. T21S R11W S22 BT in the bark.</p> <p style="padding-left: 40px;">An alder, 15 ins. diam., bears N. 34½° W., 25 lks. dist., mkd. T21S R11W S16 BT in the bark.</p> <p>Alongside the iron post is an iron rod, 3/8 in. diam., projecting 4 ft. above ground.</p> <hr/> <p>From the cor. of secs. 4, 5, 32, and 33, on the S. bdy of the Tp. N. 2° 44' 00" W., bet. secs. 32 and 33.</p> <p>Descend over nearly level land, through scattering timber and light undergrowth.</p>
20.38	Oregon State Highway No. 38, asphalt-surfaced, 70 lks. wide, bears N. 70° W. and S. 55° E., in a curve.
24.095	<p>Point selected for a witness cor. to the meander cor. of secs. 32 and 33 for the left bank of the Umpqua River.</p> <p>Drive an aluminum rod, 36 ins. long, 3/4 in. diam., 36 ins. in the ground, the top flush with ground, with aluminum cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	WC MC ----- ----- S 32 * S 33 T21S R11W 1991
	from which A spruce, 17 ins. diam., bears S. 60½° E., 63½ lks. dist., mkd. X BT. A spruce, 39 ins. diam., bears S. 36° W., 118 lks. dist., mkd. T21S R11W S32 WC MC BT. Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
24.25	Left bank Umpqua River, bears N. 85° W. and S. 85° E., course N. 85° W.; thence across water.
24.270	Point for the witness cor. to the meander cor. of secs. 32 and 33 on the left bank of the Umpqua River, at proportionate distance. There is no remaining evidence of the original corner, is located in river. No monument set.
26.210	Point for the meander cor. of secs. 32 and 33, for the left bank of the Umpqua River at proportionate distance, corner is located in river. No monument set.
38.835	Point for the 1/4 sec. cor. of secs. 32 and 33, at proportionate distance, is located in the Umpqua River. No monument set.
42.30	Right bank of the Umpqua River, bears N. 85° W. and E., enter timber, edge bears same; asc. over SE. slope.
42.350	The meander cor. of secs. 32 and 33 on the right bank of the Umpqua River, reestablished by proportionate measurement by Stuntzner in 1979 and 1984 and perpetuated by Prochnau in 1984. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an X marked on a vertical rock bluff, from which bearing trees mkd. by Stuntzner: A fir, 12 ins. diam., bears N. 50° E., 16½ lks. dist., with healed blaze. A fir, 33 ins. diam., bears N. 88° E., 74½ lks. dist., with healed blaze. <hr style="width: 20%; margin: 10px auto;"/> N. 2° 44' 00" W., beginning new measurement. Continue ascent over SE. slope.
0.170	A witness cor. to the meander cor. of secs. 32 and 33 on the right bank of the Umpqua River, established by Prochnau in 1984 and accepted by Stuntzner in 1984, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	T21S R11W W C * 11.27 S32 * S33 ----- M C 1984 PLS 1305
	from which bearing trees mkd. by Prochnau A fir, 10 ins. diam., bears S. 38° E., 17 lks. dist., with a healed blaze. A madrone, 11 ins. diam., bears N. 73° W., 11½ lks. dist., with scribe marks X BT visible on double blaze.
	_____ N. 2° 44' 00" W., beginning new measurement.
	Continue ascent over SE. slope.
15.730	The N 1/16 sec. cor. of secs. 32 and 33, established by Prochnau in 1984 and accepted by Stuntzner in 1984, and is accepted as the corner, monumented with an aluminum rod, ½ in. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd.
	T21S R11W N 1/16 S 32 * S 33 1984 PLS 1305
	from which a bearing tree and reference monument by Prochnau A cedar, 19 ins. diam., bears S. 37° E., 24½ lks. dist., with scribe marks N 1/16 S33 BT visible on partially healed blaze. An aluminum rod, ½ in. diam., firmly set, projecting 2 ins. above ground, bears S. 40° 40' W., 68.9 lks. dist., with aluminum cap mkd. T21S R11W N1/16 S32 RM 45.5 FT 1984 PLS 1305 and an arrow pointing to the corner.
	and a bearing tree mkd. by Stuntzner A fir, 33 ins. diam., bears N. 8° W., 12 lks. dist., with healed blaze.
	_____ N. 2° 40' 00" W., beginning new measurement.
	Continue ascent over SE. slope.
10.530	Ridge, bears N. 70° W. and S. 70° E.; desc. over NE. slope.
19.410	The 1/16 80 sec. cor. of secs. 32 and 33, established by Prochnau in 1984 and accepted by Stuntzner in 1984, and is accepted as the corner, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with aluminum cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	T21S R11W N 1/16 80 S 32 * S 33 1984 PLS 1305
	from which a reference monument by Prochnau
	An aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, bears N. 60° E., 65½ lks. dist., with brass cap mkd. T21S R11W RM 43.20 N 1/16 80 S33 1984 PLS 1305 and an arrow pointing to the corner.
	and a bearing tree mkd. by Stuntzner in 1979 (amended in 1984)
	A cedar, 45 ins. diam., bears S. 2° W., 107 lks. dist., with scribe marks N 1/16 S32 BT visible on partially healed blaze.
	No other suitable accessories available.
	<hr style="width: 20%; margin: auto;"/>
	N. 2° 43' 00" W., beginning new measurement.
	Continue descent over NE. slope.
28.275	The original closing cor. of secs. 32 and 33, perpetuated by Wilford N. Haines, Registered Land Surveyor No. 239, in an unrecorded survey, and by Hootman in 1959, utilized by Hintz in 1978, Stuntzner and Hintz in 1979, Peel in 1982, and Hintz, Prochnau, and Stuntzner in 1984; monumented with a T-shaped iron rod, ½ x ½ in., firmly set, projecting 6 ins. above ground, with brass disk mkd.
	WILFORD N. HAINES 239 SURVEY • POINT DRAIN ORE.
	from which the remains of an original bearing tree
	A spruce stump, 48 ins. diam., bears N. 26° W., 27 lks. dist., no marks visible.
	and bearing trees mkd. by Hootman
	An alder, 35 ins. diam., bears S. 41½° W., 72 lks. dist., no marks visible on decayed blaze.
	A spruce, 34 ins. diam., bears N. 10° W., 52 lks. dist., with healed blaze.
28.895	The closing cor. of secs. 32 and 33, reestablished by Prochnau in 1984, and is accepted as the corner, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS

DEPT. OF AGRI. FOREST SERVICE
T21S R11W
S29

S32 * S33
C C
1984
PLS 1305

from which a bearing tree and reference monument by Prochnau

An aluminum post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, bears S. 57° 40' E., 37.7 lks. dist., with brass cap mkd. RM CC S33 24.87 1984 PLS 1305 and an arrow pointing to the corner.

A spruce, 34 ins. diam., bears S. 37½° W., 10½ lks. dist., with illegible scribe marks visible on partially healed blaze.

From this point, the cor. of secs. 28 and 29 only, bears S. 86° 34' 30" E., 19.570 chs. dist., hereinafter described.

From the cor. of secs. 28 and 29 only, perpetuated by Wilford N. Haines, Registered Land Surveyor No. 239, in an unrecorded survey, utilized by Hootman in 1959, Stuntzner in 1979 and 1984, and Prochnau in 1984, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with aluminum cap mkd.

T21S R11W
S29 * S28

S 33
1984
PLS 1305

from which an original bearing tree

A cedar, 45 ins. diam., bears N. 10° E., 35 lks. dist., no marks visible on opened blaze.

and a bearing tree mkd. by Stuntzner

A hemlock, 45 ins. diam., bears N. 14° W., 84 lks. dist., with scribe marks BT visible on partially healed blaze.

and a bearing tree and reference monument by Prochnau

An aluminum rod, ½ in. diam., firmly set, projecting 2 ins. above ground, bears S. 17° 13' E., 76 lks. dist., with brass cap mkd. RM SW S28 50.17 1984 PLS 1305 and an arrow pointing to the corner.

A hemlock, 20 ins. diam., bears N. 70° W., 96 lks. dist., with scribe marks S R11W S29 BT visible on partially healed blaze.

The corner is located in ravine, drains S. 25° W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	N. 86° 34' 30" W., on the S. bdy. of sec. 29.
	Ascend SE. slope, through moderate timber and undergrowth.
3.80	Spur, slopes S. 10° W.; desc. over SW. slope.
8.65	Creek, 1 lk. wide, course S. 45° W.; asc. over SE. slope.
12.00	Spur, slopes S. 25° W.; desc. over SW. slope.
19.00	Creek, 5 lks. wide, course N. 50° W.; asc. over SE. slope.
19.570	The closing cor. of secs. 32 and 33.

	N. 86° 34' 30" W., beginning new measurement.
8.70	Spur, slopes N.; desc. over NW. slope.
11.20	Ravine, drains N. 5° W.; asc. over NE. slope.
14.55	Spur, slopes N.; desc. over NW. slope.
18.55	Ravine, drains N. 15° W.; asc. over NE. slope.
20.010	Point for the E 1/16 sec. cor. of sec. 32 only.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

	E 1/16 S 32 1991
	from which
	A maple, 28 ins. diam., bears S. 47¼° E., 102 lks. dist., mkd. E 1/16 S32 BT.
	A hemlock, 48 ins. diam., bears S. 29 3/4 W., 156½ lks. dist., mkd. E 1/16 S32 BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
21.05	Spur, slopes N.; desc. over NW. slope.
22.335	The 1/4 sec. cor. of sec. 29 only, remonumented by Peel in 1981, and utilized by Hintz in 1982 and Stuntzner in 1984, monumented with an iron post, 2½ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.
	T21S R11W S 29 1/4----- PLS 752 1981
	from which an original bearing tree

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 70 ins. diam., bears S. 14° E., 50 lks. dist., with scribe marks 1/4 29 visible on bark blaze and XXX at breast height.</p> <p>and a bearing tree mkd. by Peel</p> <p>A fir, 33 ins. diam., bears N. 27° E., 49 lks. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 47' 00" W., beginning new measurement.</p> <p>Continue descent over NW. slope.</p>
2.70	Bottom of descent; continue over nearly land.
6.05	Butler Creek, 15 lks. wide, course S.; asc. over SE. slope.
6.40	Dirt road, 20 lks. wide, bears N. and S.
15.35	Spur, slopes S. 5° E.; desc. over SW. slope.
17.655	<p>The 1/4 sec. cor. of sec. 32 only, established by Peel in 1982 and is accepted as the corner, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W ----- 1/4 S32 PLS 752 1982</p> <p>from which bearing trees mkd. by Peel</p> <p>A fir, 27 ins. diam., bears S. 77° E., 10½ lks. dist., with healed blaze.</p> <p>A fir, 16 ins. diam., bears S. 43° W., 24 lks. dist., with healed blaze.</p> <p>From this point, an iron pipe, 1 in. diam., firmly set, projecting 2 ins. above ground, set by person(s) unknown, bears S. 64° 58' 30" W., 0.630 chs. dist. This point is not utilized in this survey, from which bearing trees mkd. by person(s) unknown:</p> <p>A fir, 12 ins. diam., bears S. 23 3/4° W., 23 lks. dist., with scribe marks T21 1/4 S32 visible on partially healed blaze.</p> <p>A fir, 19 ins. diam., bears S. 85 3/4° W., 11 lks. dist., with scribe marks 1/4 visible on open blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 51' 00" W., beginning new measurement.</p> <p>Continue descent over SW. slope.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
1.055	<p>The W 1/16 sec. cor. of sec. 29 only, established by Peel in 1982 and utilized by Hintz in 1982, and is accepted as the corner, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W W 1/16 S29 PLS752 1982</p> <p>from which bearing trees mkd. by Peel</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N. 81° E., 37 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 27 ins. diam., bears N. 32° W., 4 lks. dist., with healed blaze.</p> <p>From this point, an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, set by person(s) unknown, bears S. 53° 03' W., 0.475 chs. dist. This point is not utilized in this survey, from which bearing trees mkd. by person(s) unknown:</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 31¼° W., 30 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 29 ins. diam., bears N. 8½° W., 26½ lks. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 47' 00" W., beginning new measurement.</p>
5.70	Dirt road, 20 lks. wide, bears N. 40° W. and S. 40° E.
10.55	Butler Creek, 15 lks. wide, course N. 45° W.; asc. over NE. slope.
18.15	Spur, slopes N. 10° E.; desc. over NW. slope.
18.715	<p>The cor. of secs. 29 and 30 only, reestablished by proportionate measurement by Peel in 1982, and utilized by Hintz in 1982 and Stuntzner in 1984. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an iron post, 1½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S30 * S29 ----- PLS 752 1982</p> <p>from which a bearing tree mkd. by Peel</p> <p style="padding-left: 40px;">A maple, 11 ins. diam., bears N. 39° E., 64 lks. dist., with illegible scribe marks visible on partially healed blaze.</p> <p>No other suitable accessories available.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
0.215	<p>From this point, an iron pipe, 1 in. diam., firmly set, projecting 12 ins. above ground, set by person(s) unknown, bears S. 52° 24' 00" W., 0.720 chs. dist.</p> <hr/> <p>N. 89° 37' 30" W., on the S. bdy. of sec. 30.</p> <p>Continue descent over NW. slope.</p> <p>The W 1/16 sec. cor. of sec. 32 only, established by Peel in 1982 and utilized by Hintz in 1982, and is accepted as the corner, monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W ----- W 1/16 S32 PLS 752 1982</p> <p>from which the remains of bearing trees mkd. by Peel</p> <p style="padding-left: 40px;">A fir stump, 19 ins. diam., bears S. 37½° E., 78 lks. dist., with scribe marks W1/16 S32 BT visible on partially healed blaze.</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears S. 25° W., 89 lks. dist., with healed blaze.</p> <p>No other suitable accessories available.</p> <p>From this point, a point set by person(s) unknown, bears S. 52° 46' 00" W., 0.795 chs. dist.; monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 4 ins. above ground.</p> <hr/> <p>N. 89° 48' 00" W., beginning new measurement.</p> <p>Continue descent over broken NW. slope.</p>
20.000	<p>Point for the closing cor. of secs. 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S 30 ----- S 31 * S 32 C C 1991</p> <p>from which</p> <p style="padding-left: 40px;">An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears S. 45° 00' E., 0.303 chs. dist., with brass cap mkd. T21S R11W S32 RM 20.0 FT 1991 and an arrow pointing to the true corner point.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>Deposit a white "DEEP-1" magnetic marker at base of corner post.</p> <p>From this point, a point established as the closing cor. of secs. 31 and 32 by Stuntzner in 1984, bears S. 43° 07' 30" W., 0.060 chs. dist., monumented with an iron rod, 6 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. STUNTZNER ENGINEERING. This point is improperly positioned and not utilized in this survey, from which bearing trees mkd. by Stuntzner:</p> <p style="padding-left: 40px;">An alder, 18 ins. diam., bears S. 53½° E., 120 lks. dist., with scribe marks T21S R11W S32 BT visible in the bark.</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. 14¼° W., 307½ lks. dist., with healed blaze.</p> <p>Descend over nearly level land.</p>
27.15	Butler Creek, 15 lks. wide, course S. 20° W.
30.05	Dirt road, 20 lks. wide, bears N. 40° E. and S. 40° W.
37.565	<p>The 1/4 sec. cor. of sec. 30 only, reestablished by proportionate measurement by Hintz in 1982, and utilized by Stuntzner, in 1984. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 S30 1/4 ----- 1982 T 21 S R 11 W</p> <p>from which bearing trees mkd. by Stuntzner</p> <p style="padding-left: 40px;">An alder, 12 ins. diam., bears S. 61 3/4° E., 185½ lks. dist., with scribe marks S30 1/4 BT visible in the bark.</p> <p style="padding-left: 40px;">A spruce, 25 ins. diam., bears S. 10 3/4° E., 115 lks. dist., with scribe marks 1/ visible on partially healed blaze.</p> <p>From this point, a point set by person(s) unknown, bears S. 26° 30' 00" W., 0.250 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground, and an iron pipe, 1 in. diam., firmly set flush with the ground, alongside.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 89° 48' 00" W., beginning new measurement.</p> <p>Continue over nearly level land.</p>
1.320	<p>Point for the E 1/16 sec. cor. of sec. 31 only.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p style="text-align: center;">----- E 1/16 S 31 1991</p> <p>from which</p> <p style="padding-left: 40px;">A spruce, 46 ins. diam., bears S. 46¼° E., 179 lks. dist., mkd. E1/16 S31 BT.</p> <p style="padding-left: 40px;">A spruce, 6 ins. diam., bears S. 39½° W., 173 lks. dist., mkd. X BT.</p> <p>Set steel fence post alongside and deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Ascend over broken NE. slope.</p>
18.885	<p>The W 1/16 sec. cor. of sec. 30 only, established by Hintz in 1982, and is accepted as the corner, monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W S 30 ----- • ----- W 1/16 1978 PLS 497</p> <p>from which bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">An alder, 13 ins. diam., bears N. 30½° E., 37 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 19 ins. diam., bears N. 79° E., 36 lks. dist., with healed blaze.</p> <p style="text-align: center;">-----</p> <p>N. 89° 49' 30" W., beginning new measurement.</p>
1.325	<p>Point for the 1/4 sec. cor. of sec. 31 only, at proportionate distance.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in drill hole in solid rock, with top mkd.</p> <p style="text-align: center;">T21S R11W ----- 1/4 S31 1991</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 20 ins. in the ground, for a reference monument, bears S. 38° 15' 00" W., 0.530 chs. dist., with brass cap mkd. RM T21S R11W S31 COR 35 FT 1991 and an arrow pointing to the corner.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	No other suitable accessories available.
	The corner is located in ravine, drains N. 5° E.
12.20	Saddle in ridge, bears N. 5° E. and S. 5° W.; desc. SW. slope.
18.170	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp.
	<hr/>
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp. N. 2° 17' 00" W., bet. secs. 31 and 32.
4.75	Oregon State Highway No. 38, asphalt-surfaced, 75 lks. wide, bears N. 75° E. and S. 75° W.
5.55	Left bank of the Umpqua River, bears N. 55° E. and S. 55° W., course S. 55° W.; thence over water.
6.835	Point for the meander cor. of secs. 32 and 33 for the left bank of the Umpqua River, at proportionate distance; there is no remaining evidence of the original corner. The corner is located in the river and no monument set.
28.85	Right bank of the Umpqua River, bears N. 60° E. and S. 60° W.; asc. over broken SE. slope.
29.995	The meander cor. of secs. 31 and 32 for the right bank of the Umpqua River, reestablished by proportionate measurement by Stuntzner in 1984. There is no remaining evidence of the original corner, therefore, this position is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd.
	STUNTZNER ! ENGINEERING
	from which bearing trees mkd. by Stuntzner
	A fir, 14 ins. diam., bears S. 78½° E., 108½ lks. dist., with healed blaze.
	A fir, 15 ins. diam., bears N. 85° W., 48 lks. dist., with healed blaze.
	<hr/>
	N. 2° 13' 30" W., beginning new measurement.
9.395	The 1/4 sec. cor. of secs. 31 and 32, reestablished by proportionate measurement by Stuntzner in 1984. There is no remaining evidence of the original corner, therefore this position is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. STUNTZNER ENGINEERING, from which the remains of bearing trees mkd. by Stuntzner:
	A fir stump, 42 ins. diam., bears S. 61° E., 90 lks. dist., with scribe marks 1/4 R11W visible in the bark.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p style="text-align: center;">A fir stump, 54 ins. diam., bears S. 38° E., 12½ lks. dist., with scribe marks 1/4 BT visible in the bark.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W 1/4 S 31 * S 32 1991</p> <p>No other suitable accessories available.</p> <p>Deposit iron rod inside and white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2° 15' 00" W., beginning new measurement.</p> <p>Continue ascent over broken SE. slope.</p>
19.700	<p>The N 1/16 sec. cor. of secs. 31 and 32, established by Hintz in 1984, and is accepted as the corner, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 N 1/16 S 31 * S 32 1984 T21S R11W</p> <p>from which the remains of bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">A maple stump, size indeterminate, bears N. 78½° E., 66½ lks. dist., no marks visible.</p> <p style="padding-left: 40px;">A fir stump, 74 ins. diam., bears S. 3 3/4° W., 147 lks. dist., with scribe marks N 1/16 S31 BT visible on partially healed blaze.</p> <p>No other suitable accessories available.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2° 19' 30" W., beginning new measurement.</p> <p>Continue ascent over broken SE. slope.</p>
2.50	<p>Saddle in ridge, bears N. 40° E. and S. 40° W.; desc. over broken N. slope.</p>
19.685	<p>The 1/16 80 sec. cor. of secs. 31 and 32, established by Stuntzner in 1984, and utilized by Hintz in 1984, and is accepted as the corner, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. STUNTZNER ENGINEERING, from which the remains of bearing trees mkd. by Stuntzner:</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A cedar stump, 38 ins. diam., bears S. 40° E., 209 lks. dist., with illegible scribe marks visible on partially healed blaze.</p> <p>An alder, 11 ins. diam., bears S. 76½° W., 28 lks. dist., with scribe marks 1/16 S31 BT visible in bark.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">1/16 S 31 * S 32 8 0 1991</p> <p>No other suitable accessories available.</p> <p>Deposit iron rod inside and white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2° 16' 30" W., beginning new measurement.</p> <p>Continue over broken N. slope.</p>
9.30	Creek, 5 lks. wide, course N. 30° W.; asc. over SW. slope.
13.70	Spur, slopes N. 80° W.; desc. over NW. slope.
16.10	Ravine, drains S. 65° W.; asc. over SW. slope.
19.715	Point for the 1/16 100 sec. cor. of secs. 31 and 32.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">1/16 S 31 * S 32 100 1991</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 55½° E., 10½ lks. dist., mkd. 1/16 100 S32 BT.</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 35½° W., 22 lks. dist., mkd. 1/16 100 S31 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>From this point, a point set by person(s) unknown, bears N. 11° 55' 00" E., 0.690 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground. This point is not utilized in this survey, from which bearing trees mkd. by person(s) unknown:</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 26 ins. diam., bears N. 70 3/4° W., 16½ lks. dist., with illegible scribe marks visible on opened blaze.</p> <p>A fir, 26 ins. diam., bears N. 5¼° W., 9½ lks. dist., with illegible scribe marks visible on opened blaze.</p> <p>Continue descent over broken N. slope.</p>
19.75	Spur, slopes W.; desc. over NW. slope.
29.120	The closing corner of secs. 31 and 32, hereinbefore described.
	From this point, the ¼ sec. cor. of sec. 30 only, bears N. 89° 48' 00" W., 17.565 chs. dist., hereinbefore described.
<hr/> <p>Subdivision of Section 15, T. 21 S., R. 11 W., Willamette Meridian, Oregon</p> <hr/>	
	From the 1/4 sec. cor. of secs. 15 and 22.
	N. 0° 24' 30" E., on the N. and S. centerline of sec. 15.
	Descend over broken NE. slope, through moderate timber and dense undergrowth.
12.20	Enter open pasture, edge bears N. 60° W. and S. 70° E.; continue over nearly level land.
12.85	Brainard Creek, 12 lks. wide, course N. 15° W.
14.80	Dirt road, 20 lks. wide, bears N. 35° W. and S. 50° E., in a curve; begin ascent over steep SE. slope.
19.785	Point for the center S 1/16 sec. cor. of sec. 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p>C S 1/16 * S 15 C 1990</p>
	from which
	A fir, 17 ins. diam., bears S. 81 1/2° E., 72 lks. dist., mkd. CS 1/16 S15 BT.
	A fir, 18 ins. diam., bears N. 55 3/4° W., 108 1/2 lks. dist., mkd. CS 1/16 S15 BT.
	Deposit white "DEEP-1" magnetic marker at base of stainless steel post.
	Continue ascent over steep, broken SE. slope, changing to SW. slope.
38.90	Creek, 8 lks. wide, course S. 60° W.; asc. over SE. slope.

Subdivision of Section 15,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
39.570	<p>The center 1/4 sec. cor. of sec. 15, established by Wobbe in 1987, and is accepted as the corner, monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 1 in. above ground, with aluminum cap mkd.</p> <p style="text-align: center;">IP TIMBERLANDS OPERATING CO. RLS 1093 T21S R11W C1/4 S15 1987</p> <p>from which bearing trees mkd. by Wobbe</p> <p style="padding-left: 40px;">A cedar, 12 ins. diam., bears N. 55 1/4° E., 34 lks. dist., with scribe marks 1/4 15 T visible on partially healed double blaze.</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears S. 60° E., 31½ lks. dist. with healed double blazes.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 24' 30" E., beginning new measurement.</p> <p>Continue ascent over SE. slope.</p>
7.25	Spur, slopes S. 55° W.; desc. over broken NW. slope.
13.30	Ravine, drains S. 60° W.; asc. over SE. slope.
19.350	<p>The center N 1/16 sec. cor. of sec. 15, established by Wobbe in 1987, and is accepted as the corner, monumented with an aluminum rod, 3/4 in. diam., firmly set flush with the ground, with aluminum cap mkd.</p> <p style="text-align: center;">IP TIMBERLAND OPERATING CO. RLS 1093 C N 1/16 * S 15 C 1987</p> <p>from which the remains of bearing trees mkd. by Wobbe</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 47 1/4° E., 185 lks. dist., with illegible scribe marks visible on upper blaze and scribe marks BT visible on lower blaze, both partially healed.</p> <p style="padding-left: 40px;">A fir stump, 43 ins. diam., bears N. 40° W., 136 lks. dist., no marks visible.</p> <p>No other suitable trees available.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 24' 30" E., beginning new measurement.</p> <p>Continue ascent over SE. slope.</p>
1.50	Top of low ridge, bears N. 50° E. and S. 60° W.; desc. over broken NW. slope.

Subdivision of Section 15,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
19.350	<p>The 1/4 sec. cor. of secs. 10 and 15, perpetuated by Wobbe in 1987, monumented with an aluminum rod, 3/4 in. diam., firmly set flush with ground, with aluminum cap mkd.</p> <p style="text-align: center;">IP TIMBERLANDS OPERATING CO. RLS 1093 T21S R11W S 10 1/4 ----- S 15 1987</p> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A fir stump, 44 ins. diam., bears N. 24° E., 11 lks. dist., with axe marks on opened blaze.</p> <p>and bearing trees mkd. by Wobbe</p> <p style="padding-left: 40px;">An alder, 13 ins. diam., bears N. 57° W., 7½ lks. dist., with scribe marks 1/4 S15 BT visible on the bark.</p> <p style="padding-left: 40px;">An alder, 11 ins. diam., bears S. 52 3/4° W., 75 lks. dist., with scribe marks 1/4 S10 BT visible on the bark.</p> <p>From this point, the Bureau of Land Management, Geodetic Control Station No. 41064, established in 1990, at latitude 43° 44' 07.196" N. and longitude 124° 00' 20.685" W. (NAD 1983 (91), determined by NAVSTAR Global Positioning System, bears S. 18° 34' 41" W., 110.905 chs. dist. (mean bearing and sea level distance); monumented with aluminum rod, 3/4 in. diam., firmly set flush with ground in a PVC pipe, 4 ins. diam., filled with gravel to top, with aluminum cap mkd. EC-41064-GPS-1990. An orange carsonite post is alongside.</p> <p>From this same point, the cor. of secs. 10, 11, 14, and 15, bears N. 87° 18' 30" E., 39.735 chs. dist., hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 14 and 15.</p> <p>S. 89° 04' 30" W., on the E. and W. centerline of sec. 15.</p> <p>Ascend over NE. slope, through light timber and dense undergrowth.</p>
8.75	<p>Ridge (the divide between Brainard Creek and Cassady Creek), bears N. 80° W. and S. 80° E., also dirt road, 20 lks. wide, bears same; desc. over broken SW. slope.</p>
20.060	<p>The center E 1/16 sec. cor. of sec. 15, established by Wobbe in 1987, and is accepted as the corner; monumented with an aluminum rod, 3/4 in. diam., firmly set, projecting 1 in. above ground, with aluminum cap mkd.</p> <p style="text-align: center;">IP TIMBERLAND OPERATING CO RLS 1093 E 1/16 C ----- C S 15 1987</p>

Subdivision of Section 15,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p>from which bearing trees mkd. by Wobbe</p> <p style="padding-left: 40px;">A cedar, 15 ins. diam., bears S. 74¼° E., 19 1/2 lks. dist., with scribe marks CE 1/16 S15 BT visible on open blaze.</p> <p style="padding-left: 40px;">A cedar, 12 ins. diam., bears S. 27 1/2° E., 25 1/2 lks. dist., with scribe marks CE 1/16 S15 BT visible on open blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 04' 30" W., beginning new measurement.</p> <p>Descend over W. slope, across logged area.</p>
1.00	Ravine, drains S. 20° E., and edge of timber, bears N. 20° W. and S. 20° E.; asc. E. slope.
4.00	Spur, slopes S. 40° W.; desc. over NW. slope.
18.95	Creek, 8 lks. wide, course S. 60° W.; asc. over SE. slope.
20.060	The center 1/4 sec. cor. of sec. 15.
	<hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 04' 30" W., beginning new measurement.</p> <p>Continue ascent over SE. slope.</p>
6.90	Spur, slopes S. 55° W.; desc. over broken NW. slope.
20.95	Ravine, drains S.; asc. over E. slope.
35.00	Spur, slopes S.; desc. over broken W. slope.
38.420	The 1/4 sec. cor. of secs. 15 and 16, remonumented by Hintz in 1977, from original evidence no longer in existence, and perpetuated by Wobbe in 1987. Wobbe obtained an affidavit from James A. Peck, adjacent landowner, that verified the position of the corner perpetuated by Hintz, monumented with an aluminum rod, 3/4 in. diam., flush with the ground surface, with aluminum cap mkd.
	<p>IP TIMBERLAND OPERATING CO</p> <p>RLS 1093</p> <p>T21S R11W</p> <p>1/4</p> <p>S 16 * S 15</p> <p>1987</p>
	<p>from which bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">A cedar, 42 ins. diam., bears N. 19 1/2° E., 9 1/2 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">An alder, 10 ins. diam., bears S. 57 1/4° W., 23 lks. dist., with scribe marks 1/4 S16 BT visible in the bark.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the E 1/16 sec. cor. of secs. 15 and 22.</p>

**Subdivision of Section 15,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	N. 0° 32' 30" E., on the N. and S. centerline of the SE 1/4 of sec. 15.
	Ascend over SW. slope, across open pasture.
0.60	Creek, 5 lks. wide, course N. 30° W.; continue ascent over SW. slope.
5.60	Enter heavy timber, edge bears NW. and SE.
10.95	Spur, slopes SW.; desc. over steep NW. slope.
19.68	Brainard Creek, 12 lks. wide, course S. 70° W.; asc. over SE. slope.
19.780	Point for the SE 1/16 sec. cor. of sec. 15, at intersection with the E. and W. centerline of the SE 1/4.
	Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in drill hole, in solid sandstone outcrop, with top mkd.
	SE 1/16 S15 1990
	from which
	A maple, 24 ins. diam., bears N. 24° E., 26 1/2 lks. dist., mkd. SE 1/16 S15 BT.
	A fir, 5 ins. diam., bears S. 85° W., 54 1/2 lks. dist., mkd. X BT.
	Continue ascent over SE. slope.
39.585	The center E 1/16 sec. cor. of sec. 15.

	From the S 1/16 sec. cor. of secs. 14 and 15.
	S. 89° 08' 30" W., on the E. and W. centerline of the SE 1/4 of sec. 15.
	Descend over SW. slope, through moderate timber and dense undergrowth.
3.00	Creek, 3 lks. wide, course N. 65° W.; asc. over NE. slope.
12.80	Spur, slopes SE.; desc. over NW. slope.
18.15	Brainard Creek, 12 lks. wide, course S. 70° W.; asc. over SE. slope.
20.035	The SE 1/16 sec. cor. of sec. 15.
	Continue ascent over broken SE. slope.
40.065	The center S 1/16 sec. cor. of sec. 15.

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p>From the center 1/4 sec. cor. of sec. 31, established by Hintz in 1984, at the intersection of the E. and W. centerline with the N. and S. centerline surveyed parallel to the E. bdy. of the section from the N 1/4 sec. cor. of sec. 31 only, and is accepted as the corner; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 C 1/4 S 31 1984 T21S R11W</p> <p>from which bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">A fir, 31 ins. diam., bears N. 0½° E., 32 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A cedar, 30 ins. diam., bears N. 56 3/4° W., 34 lks. dist., with healed blaze.</p> <p>N. 2° 17' 00" W., on the N. and S. centerline of sec. 31.</p> <p>Ascend over SW. slope through moderate timber and dense undergrowth.</p>
6.50	Spur, slopes S. 40° W.; desc. over NW. slope.
8.70	Ravine, drains N. 85° W.; asc. over SW. slope.
9.45	Spur, slopes W.; desc. over NW. slope.
10.65	Creek, 1 lk. wide, course S. 40° W.; asc. over SE. slope.
17.05	Spur, slopes N. 40° W.; desc. over NE. slope.
19.795	<p>The center N 1/16 sec. cor. of sec. 31, established by Hintz in 1984, and is accepted as the corner; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 C N 1/16 * S 31 C 1984 T21S R11W</p> <p>from which the remains of bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">A hemlock, 36 ins. diam., bears N. 22½° E., 60 lks. dist., with scribe mark N visible on partially healed blaze.</p> <p style="padding-left: 40px;">A roothole, bears N. 83¼° W., 55½ lks. dist., with a down alder alongside, 28 ins. diam., with scribe marks CN 1/16 S31 BT visible in the bark.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A spruce, 49 ins. diam., bears S. 89° E., 79 lks. dist., mkd. CN 1/16 S31 BT.</p>

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p>A steel fence post is alongside the iron pipe.</p> <p style="text-align: center;">_____</p> <p>N. 2° 16' 30" W., beginning new measurement.</p> <p>Continue descent over NE. slope.</p>
7.30	South edge of tidal marsh, bears E. and W.; across marsh.
19.785	<p>Point for the center 1/16 80 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">C 1/16 * S 31 C 80 1991</p> <p>from which</p> <p style="padding-left: 40px;">Powerpole No. 10-11½, bears S. 70 3/4° E., 128 lks. dist.</p> <p style="padding-left: 40px;">An alder, 9 ins. diam., bears N. 45° W., 257 lks. dist., mkd. C 1/16 80 S31 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue over nearly level land.</p>
27.15	North edge of tidal marsh, edge bears N. 35° E. and S. 30° W.; enter timber, bears same, over nearly level land.
27.55	Graveled road, 20 lks. wide, bears N. 35° E. and S. 30° W.
34.65	Ascend over S. slope.
39.570	<p>Point for the center 1/16 100 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">C N 1/16 * S 31 C 100 1991</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 6 ins. diam., bears S. 45½° E., 14 lks. dist., mkd. C 1/16 100 S31 BT.</p> <p style="padding-left: 40px;">A fir, 34 ins. diam., bears N. 32½° W., 81½ lks. dist., mkd. C 1/16 100 S31 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	Continue ascent over SW. slope.
44.35	Spur, slopes SE.; desc. over NW. slope.
48.670	The 1/4 sec. cor. of sec. 31 only.
	<hr/>
	From the 1/4 sec. cor. of secs. 31 and 32.
	N. 89° 41' 30" W., on the E. and W. centerline of sec. 31.
	Ascend over broken SE. slope, through scattering timber and dense undergrowth.
17.90	Spur, slopes S.; desc. over SW. slope.
18.895	The center E 1/16 sec. cor. of sec. 31, established by Hintz in 1984, and is accepted as the corner; monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.
	PLS 497 E 1/16 C ----- C S 31 1984 T21S R11W
	from which the remains of bearing trees mkd. by Hintz
	A fir snag, 11 ins. diam., bears S. 7½° E., 39 lks. dist., with scribe marks CE 1/16 S31 BT visible on partially healed blaze.
	A fir, 35 ins. diam., bears S. 69½° W., 57½ lks. dist., with healed blaze.
	and a new bearing tree
	A fir, 14 ins. diam., bears S. 48 3/4° E., 49 lks. dist., mkd. CE 1/16 S31 BT.
	<hr/>
	N. 89° 42' 00" W., beginning new measurement.
	Continue descent over SW. slope.
8.90	Creek, 5 lks. wide, course S.; asc. over SE. slope.
16.20	Spur, slopes S. 30° W.; desc. over SW. slope.
18.890	The center 1/4 sec. cor. of sec. 31.
	<hr/>
	N. 89° 42' 00" W., beginning new measurement.
3.65	Leave timber, edge bears NW. and SE.
17.385	The 1/4 sec. cor. of sec. 31 only, on the W. bdy. of the Tp.
	<hr/>

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p>From the center E 1/16 sec. cor. of sec. 31.</p> <p>N. 2° 16' 00" W., on the N. and S. centerline of the NE¼ of sec. 31.</p> <p>Ascend over broken SW. slope, through scattering timber and dense undergrowth.</p>
15.75	Spur, slopes S. 85° W.; desc. over NW. slope.
19.745	<p>The NE 1/16 sec. cor. of sec. 31, established by Hintz in 1984, and is accepted as the corner; monumented with an iron pipe, 2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 NE 1/16 ! S31 1984 T21S R11W</p> <p>from which bearing trees mkd. by Hintz</p> <p style="padding-left: 40px;">A hemlock, 24 ins. diam., bears S. 38 3/4° W., 19½ lks. dist., with scribe marks NE 1/16 S31 BT visible on partially open blaze.</p> <p style="padding-left: 40px;">A hemlock, 28 ins. diam., bears S. 66° W., 28½ lks. dist., with scribe marks NE 1/16 S31 BT visible on partially healed blaze.</p>

	N. 2° 17' 30" W., beginning new measurement.
3.90	Ravine, drains S. 70° W.; asc. over SW. slope.
11.10	Spur, slopes W.; desc. over NW. slope.
19.00	Spur, slopes N. 80° W.; desc. over NW. slope.
19.740	<p>Point for the E 1/16 80 sec. cor. of sec. 31, at intersection with the E. and W. 80th line of the NE¼.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 * S 31 8 0 1991</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 39 ins. diam., bears N. 5 3/4° E., 99½ lks. dist., mkd. E 1/16 80 S31 BT.</p> <p style="padding-left: 40px;">A hemlock, 20 ins. diam., bears N. 10 3/4° W., 98 lks. dist., mkd. E 1/16 80 S31 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	Ascend over SW. slope.
26.75	Spur, slopes N. 85° W.; desc. over NW. slope.
38.085	Enter tidal marsh, edge bears N. 70° E. and S. 20° W.; continue over nearly level marsh.
39.485	Point for the E 1/16 100 sec. cor. of sec. 31, at intersection with the E. and W. 100th line of the NE¼. Set a finned aluminum rod, 72 ins. long, 3/4 in. diam., 68 ins. in the ground, with aluminum cap mkd. <div style="text-align: center;"> E 1/16 * S 31 100 1991 </div> from which <div style="margin-left: 40px;"> Powerpole No. 10-14½, bears S. 48½° W., 38 lks. dist. A spruce, 28 ins. diam., bears N. 13° W., 176 lks. dist., mkd. E 1/16 100 S31 BT. </div> Continue over nearly level marsh.
48.735	The E 1/16 sec. cor. of sec. 31 only. <hr/>
	From the N 1/16 sec. cor. of secs. 31 and 32. N. 89° 34' 00" W., on the E. and W. centerline of the NE¼ of sec. 31. Ascend over SE. slope through scattering timber and dense undergrowth.
3.55	Spur, slopes SW.; desc. over NW. slope.
18.895	The NE 1/16 sec. cor. of sec. 31. <hr/>
	N. 89° 34' 00" W., beginning new measurement. Continue descent over NW. slope.
4.10	Creek, 1 lk. wide, course S. 40° W.; asc. over SE. slope.
8.95	Spur, slopes N. 30° E.; desc. over broken NW. slope.
18.895	The center N 1/16 sec. cor. of sec. 31. <hr/>
	From the 1/16 80 sec. cor. of secs. 31 and 32. N. 89° 26' 00" W., on the E. and W. 80 line of the NE¼ of sec. 31. Ascend over NE. slope, through scattering timber and dense undergrowth.

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
6.85	Spur, slopes N. 10° E.; desc. over NW. slope.
18.885	The E 1/16 80 sec. cor. of sec. 31. Continue decent over NW. slope.
31.95	Enter nearly level marsh, edge bears N. 15° W. and S. 15° E.; continue over nearly level marsh.
37.770	The center 1/16 80 sec. cor. of sec. 31. <hr/>
	From the 1/16 100 sec. cor. of secs. 31 and 32. N. 89° 19' 30" W., on the E. and W. 100 line of the NE¼ of sec. 31. Descend SW. slope, through heavy timber and dense undergrowth.
5.00	Dirt road, 20 lks. wide, bears N. 15° W. and S. 15° E.
5.80	Enter nearly level land.
8.90	Ascend over NE. slope.
11.20	Spur, slopes N. 30° W.; desc. over NW. slope.
16.20	Enter tidal marsh, edge bears N. 70° E. and S. 20° W.
18.890	The E 1/16 100 sec. cor. of sec. 31. Continue over nearly level tidal marsh.
21.40	Leave tidal marsh, bears N. 60° E. and S. 60° W.; asc. over SE. slope.
21.50	Dirt road, 20 lks. wide, bears N. 60° E. and S. 60° W.
37.780	The center 100 1/16 sec. cor of sec. 31. <hr/>
	From the center 1/16 80 sec. cor. of sec. 31. N. 89° 24' 30" W., on the E. and W. 80 line of the NW¼ of sec. 31. Over nearly level marshland.
2.15	Leave marsh, edge bears N. 5° E. and S. 5° W.; asc. over NE. slope.
2.30	Graveled road, 20 lks. wide, bears N. 5° E. and S. 5° W.
10.10	Spur, slopes S. 25° W.; desc. over SW. slope.
11.40	Creek, 1 lk. wide, course S. 40° W.; asc. over SE. slope.
13.95	Spur, slopes S.; desc. over SW. slope.
14.05	Ravine, drains S. 40° E.; asc. over SE. slope.

Subdivision of Section 31,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
17.075	<p>The 1/16 80 sec. cor. of sec. 31 only, on the W. bdy. of the Tp.</p> <hr/> <p style="text-align: center;">Subdivision of Section 32, T. 21 S., R. 11 W., Willamette Meridian, Oregon</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp.</p> <p>N. 2° 28' 30" W., on the N. and S. centerline of sec. 32.</p> <p>Descend over nearly level land through scattering timber and moderate undergrowth.</p>
18.30	Oregon State Highway No. 38, asphalt-surfaced, 85 lks. wide, bears N. 80° E. and S. 80° W.
19.30	Left bank of the Umpqua River, bears N. 80° E. and S. 80° W., course S. 80° W.; thence over water.
35.10	Right bank of the Umpqua River, bears N. 80° E. and S. 80° W.; asc. over SE. slope.
39.115	<p>Point for the center ¼ sec. cor. of sec. 32, at intersection with the E. and W. centerline.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W C 1/4 S 32 1991</p> <p>from which</p> <p style="padding-left: 40px;">A cedar stump, 38 ins. diam., bears South, 62 lks. dist., mkd. C 1/4 S32 BT.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears S. 78° W., 77 lks. dist., mkd. C 1/4 S32 BT.</p> <p>No other suitable accessories available.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue ascent over SE. slope.</p>
78.775	<p>The center 1/16 80 sec. cor of sec. 32, established by Peel in 1982, and further utilized by Stuntzner in 1984, and is accepted as the corner; monumented with an iron pipe, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W C 1/16 * S 32 8 0 PLS 752 1982</p>

Subdivision of Section 32,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
	<p>from which bearing trees mkd. by Peel</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 53° E., 5 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 19 ins. diam., bears N. 8° W., 29½ lks. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2° 28' 00" W., beginning new measurement.</p> <p>Descend over N. slope.</p>
18.75	Enter nearly level land.
19.825	<p>The center 1/16 100 sec. cor of sec. 32, established by Peel in 1982, and is accepted as the corner; monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R11W C N 1/16 * S 32 100 PLS 752 1982</p> <p>from which bearing trees mkd. by Peel</p> <p style="padding-left: 40px;">An alder, 16 ins. diam., bears S. 33° E., 200½ lks. dist., with illegible scribe marks visible in the bark blaze.</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 8° W., 162 lks. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 2° 30' 30" W., beginning new measurement.</p> <p>Continue over nearly level land.</p>
2.30	Butler Creek, 5 lks. wide, course S. 75° W.; asc. over nearly level land.
2.90	Graveled road, 20 lks. wide, bears E. and W.
3.00	Leave nearly level land; asc. over SW. slope.
9.255	<p>The 1/4 sec. cor. of sec. 32.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the calculated position for the 1/4 sec. cor. of secs. 32 and 33 in the Umpqua River.</p> <p>N. 89° 31' 00" W., on the E. and W. centerline of sec. 32.</p> <p>Across river.</p>

**Subdivision of Section 32,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
20.095	<p>True point for the center E 1/16 sec. cor. of sec. 32, established by Stuntzner in 1984, and is accepted as the corner. Determined by extending the N. and S. centerline of the NE¼ from the NE 1/16 through the witness corner for the center E 1/16, established by Stuntzner for his record distance, 3.081 chs. (203.33 ft.). The corner point is located in the Umpqua River. No monument set.</p> <p style="text-align: center;">_____</p> <p>N. 89° 26' 00" W., beginning new measurement.</p> <p>Continue across river.</p>
12.05	Right bank of the Umpqua River, bears N. 75° E. and S. 75° W.; asc. over SE. slope.
20.100	<p>The center 1/4 sec. cor. of sec. 32.</p> <p>Continue ascent over broken SE. slope.</p>
57.310	<p>From this point, a property corner established by Stuntzner in 1984, bears North, 0.110 chs. dist. This point is not utilized in this survey; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. STUNTZNER ENGINEERING, from which the remains of a bearing tree mkd. by Stuntzner:</p> <p style="padding-left: 40px;">A fir stump, 41 ins. diam., bears N. 46° W., 49 lks. dist., with illegible scribe marks visible on partially healed blaze.</p>
60.350	The 1/4 sec. cor of secs. 31 and 32.
	<p>From the calculated position for the center E 1/16 sec. cor. of sec. 32.</p> <p>N. 2° 43' 30" W., on the N. and S. centerline of the NE¼ of sec. 32.</p> <p>Across river.</p>
2.60	Right bank of the Umpqua River, bears N. 75° E. and S. 75° W.; asc. over SE. slope, through moderate timber and dense undergrowth.
3.081	<p>The witness cor. for the center E 1/16 sec. cor. sec. 32, established by Stuntzner in 1984, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd.</p> <p style="text-align: center;">STUNTZNER ! ENGINEERING</p> <p>from which bearing trees mkd. by Stuntzner</p> <p style="padding-left: 40px;">A willow, 10 ins. diam., bears S. 27° E., 85½ lks. dist., with scribe marks 1/ W visible on bark blaze.</p> <p style="padding-left: 40px;">An alder, 11 ins. diam., bears S. 12° W., 63½ lks. dist., with scribe marks XWC 1/16 BT visible in bark blaze.</p>

Subdivision of Section 32,
T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS	
16.520	<hr style="width: 30%; margin: 0 auto;"/> <p>N. 2° 43' 30" W., beginning new measurement.</p> <p>Continue ascent over SE. slope.</p> <p>The NE 1/16 sec. cor. of sec. 32, established by Stuntzner in 1984, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. STUNTZNER ENGINEERING, from which the remains of bearing trees mkd. by Stuntzner:</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears S. 86° E., 74 lks. dist., with illegible scribe marks visible on partially healed blaze.</p> <p style="padding-left: 40px;">A cedar stump, 14 ins. diam., bears N. 82½° W., 35½ lks. dist., with scribe marks 1/16 BT visible on partially healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">NE 1/16 S32 1991</p> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 38½° W., 124 lks. dist., mkd. NE 1/16 S32 BT.</p> <p>Deposit iron rod inside and white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 30%; margin: 0 auto;"/>
9.60	<p>N. 2° 31' 00" W., beginning new measurement.</p> <p>Continue ascent over SE. slope.</p> <p>Ridge, bears N. 85° E. and S. 85° W.; desc. over NE. slope.</p>
11.55	<p>Dirt road, 20 lks. wide, bears N. 70° W. and S. 70° E.</p>
19.655	<p>Point for the E 1/16 80 sec. cor. of sec. 32, at intersection with the E. and W. 80th line of the NE¼.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 * S 32 8 0 1991</p> <p>from which</p> <p style="padding-left: 40px;">An alder, 6 ins. diam., bears N. 83½° E., 37½ lks. dist., mkd. X BT on bark blaze.</p>

**Subdivision of Section 32,
T. 21 S., R. 11 W., Willamette Meridian, Oregon**

CHAINS	
	<p style="text-align: center;">A maple, 26 ins. diam., bears S. 40° E., 52 lks. dist., mkd. E 1/16 80 S32 BT on bark blaze.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue descent over NE. slope.</p>
35.35	Creek, 1 lk. wide, course N. 60° W.; asc. over SW. slope.
42.65	Spur, slopes S. 60° W.; desc. over NW. slope.
49.155	The E 1/16 sec. cor of sec. 32.
	<hr/> <p>From the 1/16 80 sec. cor of secs. 32 and 33. N. 88° 16' 30" W., on the E. and W 80 line of the NE¼ of sec. 32. Descend over NW. slope, through moderate timber and dense undergrowth.</p>
0.30	Ravine, drains N. 40° W.; asc. over NE. slope.
9.50	Spur, slopes N. 5° E.; desc. over NW. slope.
17.30	Ravine, drains N. 5° W.; asc. over NE. slope.
20.060	The E 1/16 80 sec. cor. of sec. 32.
	Continue ascent over NE. slope.
22.10	Ravine, drains N. 5° E.; asc. over broken NW. slope.
40.080	The center 1/16 80 sec. cor. of sec. 32.
	<hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands involved in the foregoing survey are located in Douglas County, Oregon, approximately four miles northeast of the city of Reedsport.</p> <p>Elevations range from approximately sea level at the 1/4 section corner of section 31 only on the right bank of the Umpqua River, to about 800 feet above sea level near the 1/4 section corner of sections 10 and 15.</p> <p>Access into the southern portion of the area is by way of State Highway 38 and the northern area by way of Smith River County Road, Otter Slough County Road, and Butler Creek County Road. There is also a BLM road and several private roads into the area.</p> <p>The southerly portion of the area is drained by Butler Creek flowing southwesterly and Deans Creek flowing northerly into the Umpqua River, and the northerly portion drains into Brainard Creek which flows northwesterly into the Smith River.</p>

T. 21 S., R. 11 W., Willamette Meridian, Oregon

CHAINS

The soil is composed of a sandy clay loam varying from a few inches to several feet in depth overlying a sandstone bedrock. The area is forested with fir, hemlock, cedar, maple, alder, madrone, myrtle, and chittum. Undergrowth consists of vine maple, huckleberry, salal, salmonberry, poison oak, rhododendron, wild rose, ferns and grasses.

No evidence of mineral deposits were noted in the area covered by this survey.

The mean magnetic declination is 19° East, as shown on the "REEDSPORT, OREG.," Provisional Edition, 7½ minute quadrangle map, published by the United States Geological Survey in 1985.
