

CHAINS

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
AND
THE SUBDIVISION OF SECTION 27,
TOWNSHIP 21 SOUTH, RANGE 5 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated April 2, 1992, approved April 3, 1992,
which provided for the surveys included under Group No. 1639,
and Assignment Instructions dated August 19, 1992.

Survey commenced September 8, 1992

Survey completed April 26, 1993

T. 21 S., R. 5 W., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 27, township 21 south, range 5 west, Willamette Meridian, Oregon.

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

In 1855, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyor's, surveyed the south, east, and west boundaries and a portion of the subdivisional lines.

In 1981, Wayne L. Rogers, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines and subdivided sections 29 and 33.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 2, 1992, for Group No. 1639, Oregon.

The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the lines were derived through the use of electronic measuring equipment.

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

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) of the 1/4 section corner of sections 27 and 34, as determined by a tie to horizontal control station "SAND," established by the Douglas County Surveyor's Office in 1979, is as follows:

Latitude: 43° 42' 25.75" N. Longitude: 123° 16' 40.64" W.

The mean magnetic declination is 18° East.

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(Restoring the survey by Harvey Gordon
and Charles T. Gardner in 1855)

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40.755	<p>Beginning at the 1/4 sec. cor. of secs. 26 and 27, perpetuated by Arthur R. Evans, Deputy County Surveyor, in 1951, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 51, recovered by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1954 and 1955, recorded in the Douglas County Surveyor's Office file CS 41-305 and map file M16-6, further perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1964, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 105, further recovered by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12; monumented with an axle, 1½ ins. diam., firmly set, projecting 12 ins. above ground, from which the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A sawed fir stump, 36 ins. diam., bears N. 75° E., 187 lks. dist., no marks visible. (Record, N. 70° E., 183 lks.)</p> <p style="padding-left: 40px;">A sawed fir stump, 38 ins. diam., bears N. 74° W., 140 lks. dist., with fragmentary scribe marks visible on the bark. (Record, N. 71° W., 138 lks.)</p> <p>and a bearing tree mkd. by Evans</p> <p style="padding-left: 40px;">A fir, 33 ins. diam., bears N. 14¼° E., 21 lks. dist., with healed double blazes.</p> <p>and a bearing tree mkd. by Godfrey</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears N. 45½° W., 28½ lks. dist., with healed double blazes.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, directly over the axle, with brass cap mkd.</p> <p style="text-align: center;">T21S R5W 1/4 S 27 * S 26 1993</p> <p>No new accessories taken.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located in a woven wire fence extending E. and W. N. 0° 07' 00" E., bet. secs. 26 and 27.</p> <p>Ascend over broken E. slope, through moderate timber and undergrowth.</p> <p>The cor. of secs. 22, 23, 26 and 27, perpetuated by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1954 and 1955, recorded in the Douglas County Surveyor's Office file CS 41-305 and map file M16-6, determined at Gardner's 1955 recorded bearing and distance from the remaining original bearing tree:</p>

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A fir, 56 ins. diam., bears N. 28° W., 17 lks. dist., no marks visible on opened blaze. (Record, N. 12° W.)

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T21S R5W
S 22 * S 23

S 27 * S 26
1993

from which new bearing trees

A fir, 13 ins. diam., bears N. 32½° E., 18 lks. dist., mkd. T21S R5W S23 BT.

A fir, 9 ins. diam., bears S. 59 ¾° E., 28½ lks. dist., mkd. T21S R5W S26 BT.

A fir, 9 ins. diam., bears S. 30¾° W., 40 lks. dist., mkd. T21S R5W S27 BT.

A fir, 6 ins. diam., bears N. 85 ¾° W., 28 lks. dist., mkd. T21S R5W S22 BT.

From this point, the 1/4 sec. cor. of secs. 22 and 23, perpetuated by Vernon "Ray" Tracy, Deputy County Surveyor, in 1965, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 118, bears N. 0° 19' 00" E., 39.780 chs. dist.; monumented with an iron rod, ¾ in. diam., firmly set, projecting 10 ins. above ground, from which the remains of an original bearing tree:

A rotted fir stump, 36 ins. diam., bears N. 8° W., 90 lks. dist., with scribe marks 1/4S BT visible on open blaze.

and bearing trees mkd. by Tracy

A fir, 14 ins. diam., bears S. 78½° E., 42 lks. dist., with healed blaze.

A fir, 24 ins. diam., bears N. 65¾° W., 44 lks. dist., with healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, directly over the iron rod, with brass cap mkd.

T21S R5W
1/4
S 22 * S 23
1993

No new accessories taken.

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From this same point, the cor. of secs. 23, 24, 25 and 26, perpetuated by Jim S. Peterson, Registered Land Surveyor No. 1084, in 1977, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 151, bears S. 89° 32' 00" E., 79.885 chs. dist.; monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 2 ins. above ground, from which the remains of the original bearing trees:

A rotted fir stump, size indeterminate, bears N. 64° E., 124 lks. dist., with partial scribe marks visible on the remains of an open blaze. (Record, N. 72° E.)

A rotted fir stump, size indeterminate, bears S. 59° E., 242 lks. dist., no marks visible. (Record, S. 61° E.)

A fir, 41 ins. diam., bears N. 9° W., 334 lks. dist., no marks visible.

and bearing trees mkd. by Peterson

A fir, 21 ins. diam., bears N. 85¼° E., 29½ lks. dist., with healed blaze.

A fir, 17 ins. diam., bears S. 16½° E., 18½ lks. dist., with healed blaze.

A fir, 21 ins. diam., bears S. 43¼° W., 73 lks. dist., with healed blaze.

A fir, 11 ins. diam., bears N. 57° W., 43½ lks. dist., with healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, directly over the iron pipe, with brass cap mkd.

T21S R5W
S 23 * S 24

S 26 * S 25
1993

No new accessories taken. Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located N. 60° E., 7 lks. dist. from a fence corner, with woven wire fences extending E-W and S.

A search was made for the intervening ¼ sec. cor., and no evidence of it was found.

From the 1/4 sec. cor. of secs. 27 and 34, perpetuated by Floyd C. Frear, Deputy County Surveyor, in 1935, from original evidence no longer in existence, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 2, further perpetuated by Arthur R. Evans, Deputy County Surveyor, in 1951, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 55, recovered by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1955, recorded in the Douglas

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County Surveyor's Office map file M16-6, further perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1962, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 87, further recovered by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12, further recovered by Robert L. Dolan, Registered Land Surveyor No. 1076, in 1984, recorded in the Douglas County Surveyor's Office map file M96-3, this corner has been recovered, used and recorded by various other Surveyors; monumented with an angle iron, 2 in. x 2 in., firmly set, projecting 4 ins. above ground (and an iron pipe, 3/4 in. diam., firmly set, projecting 3 ins. above ground, alongside), from which the remains of bearing trees mkd. by Frear:

A decayed fir stump, size indeterminate, bears N. 49 3/4° E., 29 lks. dist., no marks visible.

A decayed fir stump, size indeterminate, bears S. 47° W., 23 lks. dist., no marks visible.

and bearing trees mkd. by Godfrey

A fir, 21 ins. diam., bears N. 21 1/2° E., 22 lks. dist., with healed double blaze.

A fir, 25 ins. diam., bears S. 69 3/4° W., 61 lks. dist., with healed double blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T21S R5W
 S 27
1/4 -----
 S 34
 1993

No new accessories taken.

Deposit a white "DEEP-1" magnetic marker at base and angle iron and iron pipe alongside the stainless steel post.

The corner is located in a 5 strand barbed wire fence, extending N. and S.

From this point, the Douglas County Surveyor's Office horizontal control station "SAND," at latitude 43° 41' 59.297" N., longitude 123° 16' 49.576 W. (NAD 1983), bears S. 13° 45' 54" W., 41.788 chs. dist. (mean bearing and sea level distance); monumented with a brass cap, firmly set in concrete flush with the ground, with top mkd. DOUGLAS CO. Surveyor's OFFICE SAND 1979.

N. 89° 14' 00" W., bet. secs. 27 and 34.

Descend over broken SW. slope, through scattered timber and dense undergrowth.

19.40

Graveled driveway, 20 lks. wide, bears N. and S.

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CHAINS	
19.830	Point for the W 1/16 sec. cor. of secs. 27 and 34, not monumented due to the request of the private landowner.
21.25	Sand Creek Road, paved, 30 lks. wide, bears N. 50° W. and S. 50° E.; enter pasture.
22.80	Two wire power transmission line, bears N. 25° W. and S. 25° E.
31.25	Sand Creek, 60 lks. wide, course S. 20° E.; asc. over E. slope.
39.660	The cor. of secs. 27, 28, 33 and 34, perpetuated by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1955, from original evidence no longer in existence, recorded in the Douglas County Surveyor's Office map file M16-6, further perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1962, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 91, recovered by Robert L. Dolan, Registered Land Surveyor No. 1076, in 1984, recorded in the Douglas County Surveyor's Office map file M96-3; monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T21S R5W S 28 * S 27 ----- S 33 * S 34 1962
	from which the remains of bearing trees mkd. by Godfrey
	A fir, 18 ins. diam., bears N. 20¼° E., 56 lks. dist., with healed double blaze.
	A fir snag, 11 ins. diam., bears S. 38° E., 68 lks. dist., with partial scribe marks visible on open decayed blaze.
	A fir, 34 ins. diam., bears S. 34¼° W., 35 lks. dist., with healed double blaze.
	A fir, 30 ins. diam., bears N. 17¼° W., 38 lks. dist., with healed double blaze.
	and bearing trees mkd. by person(s) unknown
	A fir, 10 ins. diam., bears S. 16½° E., 61 lks. dist., with healed blaze.
	A root hole, bears S. 38½° W., 50 lks. dist., with uprooted decayed cedar, 15 ins. diam., laying alongside, with fragmentary scribe marks visible on opened decayed blaze.

	N. 0° 41' 00" E., bet. secs. 27 and 28.
	Ascend over gentle SE. slope, through moderate timber and undergrowth.
4.30	Spur, slopes N. 70° E.; desc. over broken NE. slope.
10.75	Begin descent over steep N. slope.

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14.40	Creek, 3 lks. wide, course S. 85° E.; asc. over SE. slope.
19.540	Point for the S 1/16 sec. cor. of secs. 27 and 28. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;">S 1/16 S 28 * S 27 1993</div> <p>from which</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 66¼° E., 10½ lks. dist., mkd. S 1/16 S27 BT.</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 28 ¾° W., 40 lks. dist., mkd. S 1/16 S28 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located on top of spur, slopes E.; desc. over NE. slope.</p>
30.40	Begin steep descent over NE. slope.
35.75	Sand Creek, 20 lks. wide, course S. 50° E.; over nearly level ground.
39.080	The 1/4 sec. cor. of secs. 27 and 28, reestablished by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1955, recorded in the Douglas County Surveyor's Office map file M16-6, this position was perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1962, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 90, recovered by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12. Although this corner isn't at the correct proportionate position, it has been used by several private surveyors, is recognized as the corner by adjacent landowners with improvements based on it, and is therefore accepted as the corner; monumented with an iron pipe, 1½ ins. diam., firmly set flush with the ground, from which a remaining bearing tree mkd. by Gardner: <div style="padding-left: 40px;">A cedar, 25 ins. diam., bears S. 7 ¾° E., 139 lks. dist., with healed blaze.</div> <p>and the remains of a bearing tree mkd. by Godfrey</p> <div style="padding-left: 40px;">A sawed fir stump, 22 ins. diam., bears S. 14½° W., 132 lks. dist., with healed blaze.</div> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, directly over the iron pipe, with brass cap mkd.</p>

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CHAINS	
	T21S R5W 1/4 S 28 * S 27 1993
	from which a new bearing tree
	A fir, 15 ins. diam., bears S. 8° W., 55 lks. dist., mkd. 1/4 S28 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	The corner is located in a woven wire fence extending N. and S.

	N. 1° 15' 00" W., beginning new measurement.
	Over level ground on the edge of a pasture.
0.70	Two wire power transmission line, bears N. 60° W. and S. 60° E.
1.50	Sand Creek Road, paved, 30 lks. wide, bears N. 70° W. and S. 80° E.; begin ascent over SE. slope.
10.230	A point established by Robert L. Dolan, Registered Land Surveyor No. 1076, in 1989, recorded in the Douglas County Surveyor's Office map file M108-45; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with plastic cap mkd. "PROPERTY CORNER."
20.445	The N1/16 sec. cor. of secs. 27 and 28, established by Malcolm N. Clark, Registered Land Surveyor No. 601, in 1972, recorded in the Douglas County Surveyor's Office map file M46-31, and is accepted as the corner; monumented with an iron pipe, 1 in. diam., with a 5/8 in. diam. iron rod inside, firmly set, projecting 2 ins. above ground, from which the remains of a bearing tree mkd. by Clark:
	A fir, 25 ins. diam., bears S. 46 3/4° E., 31 lks. dist., with healed blaze.

	N. 1° 15' 00" W., beginning new measurement.
	Ascend over SE. slope.
7.610	The SE cor. of tract 3, identical with the NE cor. of tract 4, Sand Creek Estates, established by Malcolm N. Clark, Registered Land Surveyor No. 601, in 1972, recorded in the Douglas County Surveyor's Office map file M46-31; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 5 ins. above ground.
15.225	The SE. cor. of tract 2, identical with the NE. cor. of tract 3, Sand Creek Estates, established by Malcolm N. Clark, Registered Land Surveyor No. 601, in 1972, recorded in the Douglas County Surveyor's Office map file M46-31; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground, with plastic cap mkd. "PROPERTY CORNER."

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20.450

The cor. of secs. 21, 22, 27 and 28, perpetuated by Oscar F. Thiel, Surveyor, in 1940, from original evidence no longer in existence, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 5, recovered by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1955, recorded in the Douglas County Surveyor's Office map file M16-6, further perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1962 and 1964, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 86 and No. 99, this corner has been recovered, used and recorded by various other surveyors; monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 13 ins. above ground, from which the remains of bearing trees mkd. by Thiel:

A decayed fir stump, 17 ins. diam., bears N. 78° E., 35 lks. dist., with fragmentary scribe marks visible.

A decayed fir stump, 21 ins. diam., bears S. 81¼° W., 20 lks. dist., with scribe marks BT visible on open blaze.

A decayed fir stump, 15 ins. diam., bears N. 64° W., 19 lks. dist., with scribe marks BT visible on open blaze.

and a bearing tree mkd. by Godfrey in 1962

A chinquapin, 26 ins. diam., bears S. 32¼° E., 192 lks. dist., with healed double blaze.

and a bearing tree mkd. by Godfrey in 1964

A madrone, 13 ins. diam., bears N. 10° W., 223 lks. dist., with healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, directly over the iron pipe, with brass cap mkd.

T21S R5W
S 21 * S 22

S 28 * S 27
1993

from which new bearing trees

A fir, 7 ins. diam., bears N. 49° E., 26½ lks. dist., mkd. T21S R5W S22 BT.

A fir, 7 ins. diam., bears S. 51½° W., 50½ lks. dist., mkd. T21S R5W S28 BT.

Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

The corner is located 1.20 chs. E. of Hidden Spring Lane Road, gravel, 20 lks. wide, bears N. and S.

From this point, the SE. cor. of tract 1, identical with the NE. cor. of tract 2, Sand Creek Estates, established by Malcolm N. Clark, Registered Land Surveyor No. 601, in 1972, recorded in the

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CHAINS	
	Douglas County Surveyor's Office map file M46-31, bears N. 0° 23' 30" E., 2.390 chs. dist.; monumented with a 5/8 in. diam. iron rod, firmly set, projecting 2 ins. above ground, with plastic cap mkd. "PROPERTY CORNER".
	From the cor. of secs. 22, 23, 26 and 27.
	S. 89° 57' 00" W., bet. secs. 22 and 27.
	Ascend over E. slope, through moderate timber and undergrowth.
1.50	Ridge, bears N. 25° E. and S. 25° W.; desc. over broken W. slope.
20.025	Point for the E 1/16 sec. cor. of secs. 22 and 27.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	S 22 E 1/16 ----- S 27 1993
	from which
	A maple, 9 ins. diam., bears S. 34° E., 11 lks. dist., mkd. E 1/16 S27 BT.
	A fir, 31 ins. diam., bears N. 55¼° W., 40 lks. dist., mkd. E 1/16 S22 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
20.30	Creek, 2 lks. wide, course S. 50° W.; desc. over broken W. slope.
39.15	Little Sand Creek, 30 lks. wide, course S. 60° W.; asc. over E. slope.
40.050	The 1/4 sec. cor. of secs. 22 and 27, reestablished by Gilbert A. Gardner, Registered Land Surveyor No. 276, in 1955, recorded in the Douglas County Surveyor's Office corner renewal file T. 21 S., R. 5 W., No. 21, recovered by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12, and is accepted as the corner, determined from bearing trees mkd. by Gardner:
	An alder, 11 ins. diam., bears S. 59¼° W., 35 lks. dist., no marks visible on open and rotted blaze.
	A fir, 34 ins. diam., bears N. 57¼° W., 44 lks. dist., with double healed blaze.
	At the corner point
	Drive a spike, 10 ins. long, 3/8 in. diam., 8 ins. into the base of a 12 in. diam. double trunk alder.
	from which

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CHAINS	
	<p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 80° W., 30 lks. dist., with brass cap mkd. RM 19.8 FT TO COR S27 1993 and an arrow pointing to the corner.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 57' 00" W., beginning new measurement.</p> <p>Ascend over E. slope.</p>
4.70	Graveled road, 25 lks. wide, bears N. 35° E. and S. 35° W.
17.55	Graveled road, 25 lks. wide, bears N. 35° E. and S. 35° W.
40.010	The cor. of secs. 21, 22, 27 and 28.
	<hr/> <p>Subdivision of Section 27, T. 21 S., R. 5 W., Willamette Meridian, Oregon</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 27 and 34.</p> <p>N. 0° 04' 00" W., on the N. and S. centerline of sec. 27.</p> <p>Ascend over broken SW. slope, through moderate timber and undergrowth.</p>
5.25	Spur, slopes S. 75° W.; desc. over broken NW. slope.
8.30	Ravine, drains S. 75° W.; asc. over broken SW. slope.
11.70	Spur, slopes S. 75° W.; desc. over broken NW. slope.
12.400	A point established by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12; monumented with a 5/8 in. diam. iron rod, firmly set, projecting 5 ins. above ground.
19.25	Ravine, drains S. 70° W.; asc. over broken SE. slope.
19.835	<p>The center S 1/16 sec. cor. of sec. 27, established by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 14 ins. above ground, from which bearing trees mkd. by Haines:</p> <p style="padding-left: 40px;">A fir, 27 ins. diam., bears N. 55¼° E., 48½ lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 22 ins. diam., bears N. 6½° W., 48½ lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, directly over the iron rod, with brass cap mkd.</p>

Subdivision of Section 27,
T. 21 S., R. 5 W., Willamette Meridian, Oregon

CHAINS	
	C S 1/16 * S 27 C 1993
	No new accessories taken.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

	N. 0° 02' 00" W., beginning new measurement.
	Ascend over broken SE. slope.
1.65	Dirt road, 20 lks. wide, bears N. 70° E. and S. 60° W.
18.10	Spur, slopes N. 60° W.; desc. over broken NE. slope.
19.860	The center 1/4 sec. cor. of sec. 27, established by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's office map file M35-12, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, from which bearing trees mkd. by Haines:
	A fir, 40 ins. diam., bears N. 35¼° E., 33¾ lks. dist., with healed blaze.
	A fir, 25 ins. diam., bears S. 82° W., 116 lks. dist., with healed blaze.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, directly over the iron rod, with brass cap mkd.
	T21S R5W C 1/4 S 27 1993
	No new accessories taken.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.

	N. 0° 09' 00" W., beginning new measurement.
	Descend over broken NE. slope.
4.90	Creek, 5 lks. wide, course N. 30° W.; asc. over SW. slope.
6.20	Spur, slopes N. 45° W.; desc. over NW. slope.
8.95	Ravine, drains N. 85° W.; asc. over broken S. slope.
19.85	Dirt road, 15 lks. wide, bears N. 70° W. and S. 80° E.

**Subdivision of Section 27,
T. 21 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
20.430	<p>The center N 1/16 sec. cor. of sec. 27, established by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 6 ins. above ground, from which the remains of bearing trees mkd. by Haines:</p> <p style="padding-left: 40px;">A sawed fir stump, 27 ins. diam., bears S. 84½° E., 21 lks. dist., with scribe marks BT visible on opened blaze.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N. 37¼° W., 17½ lks. dist., with healed double blaze.</p> <p>At the corner point</p> <p>Drive a 2 in diam. aluminum cap atop iron rod, with cap mkd.</p> <p style="text-align: center;">C N 1/16 * S 27 C 1993</p> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A madrone, 10 ins. diam., bears S. 42½° E., 18 lks. dist., mkd. CN 1/16 S27 BT.</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/> <p>N. 0° 01' 00" E., beginning new measurement.</p> <p>Ascend over broken S. slope.</p>
2.65	Dirt road, 20 lks. wide, bears N. 55° E. and S. 55° W.
2.80	Spur, slopes S. 50° W.; desc. over broken NW. slope.
19.70	Little Sand Creek, 30 lks. wide, course S. 60° W.; asc. over SE. slope.
20.420	<p>The 1/4 sec. cor. of secs. 22 and 27.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 26 and 27.</p> <p>S. 89° 56' 00" W., on the E. and W. centerline of sec. 27.</p> <p>Ascend over broken SE. slope, through moderate timber and undergrowth.</p>
19.10	Ridge, bears N. 35° E. and S. 35° W.; desc. over broken NW. slope.
19.975	<p>The center E 1/16 sec. cor. of sec. 27, established by Wilford N. Haines, Registered Land Surveyor No. 239, in 1967, recorded in the Douglas County Surveyor's Office map file M35-12, and is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, from which the remains of bearing trees mkd. by Haines:</p> <p style="padding-left: 40px;">A sawed fir stump, 21 ins. diam., bears N. 3° E., 14 lks. dist., with healed blaze.</p>

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CHAINS	
	<p>A root hole, bears S. 65½° E., 25 lks. dist., with uprooted fir, 14 ins. diam., laying alongside, with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, directly over the iron rod, with brass cap mkd.</p> <p style="text-align: center;">E 1/16 C----- C S 27 1993</p> <p>from which new bearing trees</p> <p>A fir, 18 ins. diam., bears N. 77½° E., 43 lks. dist., mkd. CE 1/16 S27 BT.</p> <p>A fir, 17 ins. diam., bears S. 29° W., 89 lks. dist., mkd. X BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is located N. 35° W., 7 lks. dist. of a fence corner, with woven wire fences extending E. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 46' 00" W., beginning new measurement.</p> <p>Descend over broken NW. slope.</p>
0.75	Dirt road, 30 lks. wide, bears N. 60° E. and S. 60° W.
6.90	Dirt road, 30 lks. wide, bears S. 75° E. and W.
19.970	The center 1/4 sec. cor. of sec. 27.
	<hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 53' 00" W., beginning new measurement.</p> <p>Descend over broken NW. slope.</p>
5.75	Ravine, drains N. 30° W.; asc. over gentle NE. slope.
9.50	Spur, slopes N. 50° W.; desc. over broken N. slope.
19.580	Point for the center W 1/16 sec. cor. of sec. 27.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">W 1/16 C----- C S 27 1993</p> <p>from which</p>

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CHAINS	
	<p>A cedar, 27 ins. diam., bears S. 12½° W., 34½ lks. dist., mkd. CW 1/16 S27 BT.</p> <p>A fir, 14 ins. diam., bears N. 44° W., 63 lks. dist., mkd. CW 1/16 S27 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>
27.15	Sand Creek Road, paved, 40 lks. wide, bears N. 30° W. and S. 30° E.
28.40	Little Sand Creek, 15 lks. wide, course S. 45° W.; over nearly level ground.
31.00	Enter pasture, edge bears N. and S.
38.00	Two wire power transmission line, bears N. 60° W. and S. 60° E.
39.160	The 1/4 sec. cor. of secs. 27 and 28.
	<hr/> <p>From the center E 1/16 sec. cor. of sec. 27.</p> <p>N. 0° 02' 00" E., on the N. and S. centerline of the NE 1/4 of sec. 27.</p> <p>Descend over broken NW. slope, through moderate timber and undergrowth.</p>
0.40	Dirt road, 30 lks. wide, bears N. 60° E. and S. 60° W.
4.40	Ravine, drains N. 80° W.; asc. over SW. slope.
8.50	Spur, slopes N. 80° W.; desc. over broken NW. slope.
13.75	Ravine, drains N. 85° W.; asc. over SW. slope.
25.15	Dirt road, 30 lks. wide, bears N. 75° E. and S. 60° W.
31.95	Spur, slopes S. 60° W.; desc. over broken NW. slope.
40.775	The E 1/16 sec. cor. of secs. 22 and 27.
	<hr/> <p>From the true point for the W 1/16 sec. cor. of secs. 27 and 34.</p> <p>N. 0° 19' 00" E., on the N. and S. centerline of the SW 1/4 of sec. 27.</p> <p>Ascend over gentle SW. slope, through sparse timber and moderate undergrowth.</p>
6.90	Spur, slopes W.; desc. over broken NW. slope.
7.95	Woven wire fence, bears N. 60° E. and S. 60° W.
9.50	Graveled road, 15 lks. wide, bears N. 60° E. and S. 60° W.
16.00	Dry creekbed, drains S. 70° W.; asc. over broken SW. slope.

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CHAINS	
17.30	Woven wire fence, bears E. and W.
17.65	Two wire power transmission line, bears N. 70° E. and S. 70° W.
17.80	Graveled road, 30 lks. wide, bears E. and W.
19.690	Point for the SW 1/16 sec. cor. of sec. 27, at intersection with the E. and W. centerline of the SW¼.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	SW 1/16 S27 1993
	from which
	A cedar, 18 ins. diam., bears S. 63¼° E., 6½ lks. dist., mkd. SW1/16 S27 BT.
	A cedar, 17 ins. diam., bears N. 7 3/4° W., 19 lks. dist., mkd. X BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	Ascend over broken SW. slope.
36.30	Spur, slopes S. 80° W.; desc. over gentle NW. slope.
39.385	The center W 1/16 sec. cor. of sec. 27.
	<hr/>
	From the center S 1/16 sec. cor. of sec. 27.
	N. 89° 40' 00" W., on the E. and W. centerline of the SW 1/4 of sec. 27.
	Ascend over broken SE. slope, through moderate timber and undergrowth.
3.10	Graveled road, 15 lks. wide, bears N. 65° E. and S. 70° W.
4.50	Spur, slopes S.; desc. over broken SW. slope.
19.695	The SW 1/16 sec. cor. of sec. 27.
22.95	Sand Creek Road, paved, 30 lks. wide, bears N. 15° W. and S. 20° E.
26.35	Little Sand Creek, 60 lks. wide, course S. 10° W., also two wire power transmission line, bears N. 30° W. and S. 30° E.; continue over nearly level ground.
32.35	Begin ascent over broken E. slope.
39.400	The S 1/16 sec. cor. of secs. 27 and 28.
	<hr/>

T. 21 S., R. 5 W., Willamette Meridian, Oregon

CHAINS

GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in moderate hilly country approximately 11 miles northeasterly of Drain, Oregon. The elevation ranges from approximately 360 feet above sea level near Sand Creek in the southwest portion of section 27, to approximately 960 feet above sea level near the center of the section.

The area is drained by Sand Creek, Little Sand Creek, and other small and seasonal drainage throughout. The timber consists of fir, cedar, hemlock, pine, alder, chinquapin, madrone, oak, yew and maple. The undergrowth is mainly salal, Oregon grape, manzanita, arrowwood, vine maple, rhododendron, poison oak, and young timber.

Access is gained via Interstate 5, State Highway No. 138, and Sand Creek Road (County Road No. 178), with other graveled and dirt roads branching into the area.

No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber. There are several houses located along Sand Creek Road.

The average of readings in the area gives a value of 18° East for the mean magnetic declination. There is a range of $\pm 1^{\circ}$ due to local attraction.
