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FIELD NOTES  
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

(FIRST STANDARD PARALLEL SOUTH),

TOWNSHIP 5 SOUTH, RANGE 31 EAST; AND

DEPENDENT RESURVEY OF THE EAST AND WEST BOUNDARIES;

A PORTION OF THE SOUTH BOUNDARY AND SUBDIVISIONAL LINES;

SUBDIVISION OF CERTAIN SECTIONS;

AND

REMONUMENTATION OF CERTAIN ORIGINAL CORNER POINTS,

TOWNSHIP 6 SOUTH, RANGE 32 EAST,

Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

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Under special instructions dated May 3, 1957, approved May 6, 1957,

special instructions dated June 16, 1967, approved August 24, 1967, and

supplemental special instructions dated July 25, 1978, approved July 31, 1978,

which provided for the surveys included under U.S. Survey/Group

Numbers 350 and 643, and assignment instructions dated August 21, 1967;

June 2, 1975; July 31, 1978; May 30, 1979; and September 18, 1979;

and March 26, 1980

Survey commenced August 24, 1967

Survey completed September 26, 1980



# FIELD NOTES

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## T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary (First Standard Parallel South), township 5 south, range 31 east, the dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, the subdivision of certain sections, and the remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon.

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

The south boundary (First Standard Parallel South), township 5 south, range 31 east, was surveyed by George S. Pershin, in 1880.

The corner of townships 6 and 7 south, ranges 31 and 32 east was established by Henry Meldrum, in 1881.

The south and west boundaries of township 6 south, range 32 east were surveyed by Rufus S. Moore, in 1881.

The east boundary and subdivisional lines of township 6 south, range 32 east were surveyed by Frank W. Campbell, in 1883.

The area covered by this resurvey was dependently resurveyed by Jerome C. Ives, Cadastral Surveyor, in 1967-68, utilizing photogrammetric methods. Prior to submission of the final field returns to the Director for final review and acceptance, a field investigation disclosed sufficient variances from acceptable Manual standards to warrant retracements and corrections. This dependent resurvey and survey by conventional methods is to resolve and correct the discrepancies. Due to the length of time in executing the survey, the field notes indicate the year new accessories were marked at each corner.

The survey was executed in accordance with the specifications set forth in the Manuals of Surveying Instructions, 1947 and 1973, Special Instructions dated May 3, 1957, Special Instructions dated June 16, 1967, and Supplemental Special Instructions dated July 25, 1978, under Group Numbers 350 and 643, Oregon.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the 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. Only those lines bounding or crossing public lands were blazed. Those lines not forming a closure were measured twice.

The directions of the lines were determined by deflections from azimuths obtained by direct solar observations.

The geographic position of the corner of townships 6 and 7 south, ranges 32 and 33 east, as scaled from the Dale, Oregon, quadrangle map, published by the United States Geological Survey, in 1951, is as follows:

Latitude  $44^{\circ} 59.9' N.$       Longitude  $118^{\circ} 47.8' W.$



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## T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

The mean magnetic declination is  $20^{\circ} 15'$  E.

Dependent Resurvey of a Portion of the South Boundary  
(First Standard Parallel South)

T. 5 S., R. 31 E., Willamette Meridian, Oregon

(Restoring the survey by George S. Pershin,  
U. S. Deputy Surveyor, in 1880)

Beginning at the standard cor. of Tps. 5 S., Rs. 31 and 32 E., described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 5 S., R. 32 E., executed concurrently under this same group.

N.  $89^{\circ} 46'$  W., on the S. bdy. of sec. 36, marking the true line.

Descend 65 ft. over broken NW. slope, through open range land.

25.00 Ravine, drains NW.; asc. 30 ft. over NE. slope.

30.20 Top of ascent, slopes N.; desc. 5 ft. over NW. slope.

34.80 Point for the  $\frac{1}{4}$  sec. cor. of sec. 6 only, T. 6 S., R. 32 E., at proportionate distance.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 15 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$  S 6  
T 6 S R 32 E  
1968

Raise a mound of stone, 3 ft. base, 2 ft. high.  
S. of corner.

Descend 5 ft. over NW. slope.

40.30 The standard  $\frac{1}{4}$  sec. cor. of sec. 36, determined at the center of a rock crib, 4 ft. base, 3 ft. high, in wire fence, extending generally E. and W. This point is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground, to solid rock, and supported in a mound of stone, 5 ft. base, to top, with brass cap mkd.

S C  
T 5 S R 31 E  
 $\frac{1}{4}$  S 36  
1968

from which

An iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., set 8 ins. in the ground, to solid rock, and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, for a reference monument, bears N.  $46^{\circ}$  E.,  $22\frac{1}{2}$  lks. dist., with brass cap mkd.  $\frac{1}{4}$  S36 SC RM 1968 and an arrow pointing to the corner.



Dependent Resurvey of a Portion of the South Boundary  
(First Standard Parallel South)

T. 5 S., R. 31 E., Willamette Meridian, Oregon

CHAINS

An iron post, 28 ins. long, 2½ ins. diam., set 8 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, to top, for a reference monument, bears N. 44° W., 22½ lks. dist., with brass cap mkd. ¼ S36 SC RM 1968 and an arrow pointing to the corner.

From this point, the true point for the closing cor. of Tps. 6 S., Rs. 31 and 32 E., bears S. 89° 57' W., 35.95 chs. dist., hereinafter described.

From this same point, the standard cor. of secs. 34 and 35, bears S. 89° 57' W., 120.48 chs. dist., monumented with a mound of stone, 3 ft. base, 1½ ft. high, and is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, to solid rock, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

S C  
T 5 S R 31 E  
S 34 | S 35  
1968

This line was fully retraced and search was made for the intervening corners, none of which were found.

Land, rolling hills.

Soil, rocky.

Vegetation, sagebrush and grasses.

Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

(Restoring the survey by Rufus S. Moore,  
U. S. Deputy Surveyor, in 1881)

From the cor. of Tps. 6 and 7 S., Rs. 32 and 33 E., determined at record bearing and distance from the original bearing trees:

A pine, 20 ins. diam., bears N. 76° E., 31 lks. dist., with healed blaze.

A pine, 26 ins. diam., bears S. 37° W., 27 lks. dist., with scribe marks S1 visible on partially open blaze.

A larch, 21 ins. diam., bears N. 8° W., 34 lks. dist., with scribe marks S36 T 6 visible on partially open blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 6 S  
R 32 E | R 33 E  
S 36 | S 31  
S 1 | S 6  
T 7 S  
1967



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Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

from which a new bearing tree

A fir, 15 ins. diam., bears S.  $15\frac{1}{2}^{\circ}$  E., 76 lks.  
dist., mkd. T7S R33E S6 BT. (1978)

N.  $89^{\circ} 54'$  W., bet. secs. 1 and 36, marking and blazing  
the true line.

Descend 580 ft. over broken SW. slope, changing to W.  
slope, through heavy timber and light undergrowth.

35.85 Gravelled road, 30 lks. wide, bears N.  $35^{\circ}$  W. and  
S.  $35^{\circ}$  E.

38.40 North Fork John Day River, 100 lks. wide, course  
N.  $25^{\circ}$  W.; asc. 10 ft. over NE. slope.

39.78 The  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, perpetuated by person  
(s) unknown, monumented with a rock drill bit, 1 in.  
diam., loosely set, projecting 12 ins. above ground, from  
which the remains of an original bearing tree:

A decayed fir stump, size indeterminate, bears  
S.  $73^{\circ}$  W., 39 lks. dist., with a down fir along-  
side, 20 ins. diam., with fragmentary scribe  
marks visible on opened blaze.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins.  
in the ground, in a mound of stone, 4 ft. base, to top,  
with brass cap mkd.

T 6 S R 32 E

$\frac{1}{4}$   $\frac{S 36}{S 1}$

T 7 S  
1968

from which new bearing trees

A pine, 8 ins. diam., bears S.  $41\frac{1}{2}^{\circ}$  W., 40 lks.  
dist., mkd.  $\frac{1}{4}$  S1 BT. (1968)

A fir, 19 ins. diam., bears N.  $64\frac{1}{2}^{\circ}$  W., 83 lks.  
dist., mkd.  $\frac{1}{4}$  S36 BT. (1968)

Reset drill bit alongside iron post.

S.  $89^{\circ} 56'$  W., beginning new measurement.

Ascend 230 ft. over NE. slope.

20.29 Point for the W  $\frac{1}{16}$  sec. cor. of secs. 1 and 36.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins.  
in the ground, to solid rock, and in a mound of stone,  
2 ft. base, to top, with brass cap mkd.

W  $\frac{1}{16}$   $\frac{S 36}{S 1}$   
1968

from which



Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

A fir, 19 ins. diam., bears N. 89° E., 59 lks.  
dist., mkd. W 1/16 S36 BT. (1968)

A fir, 12 ins. diam., bears S. 85° W., 42 lks.  
dist., mkd. W 1/16 S1 BT. (1968)

Ascend 130 ft. along N. slope.

27.00 Spur, slopes N.; desc. 40 ft. over broken NW. slope.

31.50 Ravine, drains N. 10° W.; asc. 210 ft. over NE. slope.

40.58 The cor. of secs. 1, 2, 35, and 36, perpetuated by person  
(s) unknown, monumented with a rock drill bit, 1 in.  
diam., firmly set, projecting 6 ins. above ground, from  
which the remains of the original bearing trees:

A fir, 12 ins. diam., bears N. 43¼° E., 21 lks.  
dist., with fragmentary scribe marks visible  
on burned blaze. (Record, N. 38° E.)

A fir stump, 10 ins. diam., bears S. 70° E., 20  
lks. dist., no marks visible.

A fir, 12 ins. diam., bears S. 68° W., 13 lks.  
dist., with healed blaze. (Record, S. 72° W.)

A fir, 13 ins. diam., bears N. 40° W., 27 lks.  
dist., with fragmentary scribe marks visible  
on partially open blaze. (Record, N. 45° W.)

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins.  
in the ground, with brass cap mkd.

T 6 S R 32 E

S 35 | S 36

S 2 | S 1

T 7 S

1967

from which new bearing trees

A fir, 20 ins. diam., bears N. 55½° E., 90 lks.  
dist., mkd. T6S R32E S36 BT. (1967)

A fir, 8 ins. diam., bears S. 73½° E., 62 lks.  
dist., mkd. T7S R32E S1 BT. (1967)

A fir, 17 ins. diam., bears S. 48° W., 78½ lks.  
dist., mkd. T7S R32E S2 BT. (1967)

A fir, 19 ins. diam., bears N. 64½° W., 45 lks.  
dist., mkd. T6S R32E S35 BT. (1967)

Reset drill bit alongside iron post.

Land, mountainous.

Soil, rocky clay.

Timber, fir and pine; undergrowth, young timber and  
arrowwood.

N. 89° 45' W., bet. secs. 2 and 35.

Ascend 80 ft. along N. slope, through medium timber and  
undergrowth.



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Dependent Resurvey of a Portion of the South Boundary  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS	
3.20	Spur, slopes N.; desc. 40 ft. over NW. slope.
4.90	Ravine, drains N.; asc. 30 ft. over NE. slope.
7.00	Spur, slopes N.; desc. 100 ft. over broken NW. slope.
11.30	Ravine, drains N. 15° W.; asc. 105 ft. over NE. slope.
21.65	Ravine, drains N. 20° E.; asc. 60 ft. over E. slope.
26.30	Spur, slopes N.; desc. 20 ft. over broken NW. slope.
38.90	Bottom of descent, slopes N.; asc. 30 ft. over E. slope.
40.08	The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, determined at record bearing and distance from the only remaining original bearing tree:  A pine, 26 ins. diam., bears N. 75° E., 23 lks. dist., with fragmentary scribe marks visible on partially opened blaze.  At the corner point  Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           T 6 S  <math>\frac{1}{4}</math> <math>\frac{S\ 35}{S\ 2}</math>            T 7 S R 32 E            1967         </div> from which new bearing trees  A fir, 8 ins. diam., bears S. 29° E., 19 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S2 BT. (1967)  A fir, 5 ins. diam., bears N. 54° W., 10 lks. dist., mkd. $\frac{1}{4}$ S35 BT. (1967)  A pine, 20 ins. diam., bears N. 4° W., 48 $\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S35 BT. (1978)  <hr style="width: 20%; margin: 10px auto;"/> S. 89° 58' W., beginning new measurement.  Ascend 60 ft. over broken NE. slope.
0.90	Gravelled road, 20 lks. wide, bears N. 20° W. and S. 20° E.
10.40	Dirt road, 15 lks. wide, bears NE. and SW.
20.25	Wire fence, bears N. and S.
20.315	Point for the W 1/16 sec. cor. of secs. 2 and 35.  Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">           W 1/16 <math>\frac{S\ 35}{S\ 2}</math>            1968         </div> from which



Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

- A fir, 10 ins. diam., bears N. 57° E., 49 lks.  
dist., mkd. W 1/16 S35 BT. (1968)
- A fir, 7 ins. diam., bears S. 38° W., 6 lks.  
dist., mkd. W 1/16 S2 BT. (1968)
- Ascend 190 ft. over broken NE. slope.
- 24.80 Gravelled road, 15 lks. wide, bears NW. and SE.
- 40.63 The cor. of secs. 2, 3, 34, and 35, determined at record bearing and distance from the only remaining original bearing tree:
- A fir, 19 ins. diam., bears N. 74° E., 27 lks.  
dist., with healed blaze.
- At the corner point
- Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
- |              |
|--------------|
| T 6 S R 32 E |
| S 34   S 35  |
| S 3   S 2    |
| T 7 S        |
| 1967         |
- from which new bearing trees
- A fir, 8 ins. diam., bears S. 59° E., 68 lks.  
dist., mkd. T7S R32E S2 BT. (1967)
- A fir, 19 ins. diam., bears S. 5° W., 99 lks.  
dist., mkd. T7S R32E S3 BT. (1967)
- A fir, 23 ins. diam., bears N. 86° W., 21 lks.  
dist., mkd. T6S R32E S34 BT. (1967)
- A larch, 13 ins. diam., bears N. 20° E., 73 lks.  
dist., mkd. T6S R32E S35 BT. (1978)
- A fir, 10 ins. diam., bears S. 27° E., 73 lks.  
dist., mkd. T6S R32E S2 BT. (1978)
- Land, mountainous.  
Soil, rocky loam.  
Timber, fir, pine, and larch; undergrowth, young timber and arrowwood.
- 
- N. 89° 32' W., bet. secs. 3 and 34.
- Ascend 110 ft. over NE. slope, through medium timber and undergrowth.
- 1.40 Top of ascent, slopes NE.; desc. 200 ft. over SW. slope.
- 10.10 Dirt road, 10 lks. wide, bears N. 10° E. and S.
- 10.90 Dirt road, 10 lks. wide, bears N. 30° E. and S. 25° W.
- 21.30 Dirt road, 15 lks. wide, bears N. 60° W. and S. 60° E.
- 37.20 Dirt road, 15 lks. wide, bears N. 20° W. and S. 20° E.
- 37.70 Ravine, drains NW.; asc. 20 ft. over NE. slope.



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Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS  
40.08

The  $\frac{1}{4}$  sec. cor. of secs. 3 and 34, determined at record bearing and distance from the remains of the original bearing trees:

A pine, 14 ins. diam., bears S.  $43^\circ$  W., 42 lks. dist., with scribe marks  $\frac{1}{4}$  S visible on partially open blaze.

A root hole, bears N.  $47^\circ$  W., 29 lks. dist., with a down pine alongside, 12 ins. diam., with scribe marks  $\frac{1}{4}$  S visible on partially open blaze.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

T 6 S  
 $\frac{1}{4}$   $\frac{S\ 34}{S\ 3}$   
T 7 S R 32 E  
1967

from which new bearing trees

A fir, 7 ins. diam., bears N.  $34\frac{1}{2}^\circ$  E.,  $14\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S34 BT. (1967)

A fir, 7 ins. diam., bears S.  $29^\circ$  W., 20 lks. dist., mkd.  $\frac{1}{4}$  S3 BT. (1967)

Corner is located on spur, slopes NW.

N.  $89^\circ 42'$  W., beginning new measurement.

Descend 330 ft. over SW. slope.

11.20 Trough Creek, 2 lks. wide, course N.; asc. 290 ft. over NE. slope.

19.95 Point for the W  $\frac{1}{16}$  sec. cor. of secs. 3 and 34.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, to solid rock, and in a mound of stone,  $2\frac{1}{2}$  ft. base, to top, with brass cap mkd.

W  $\frac{1}{16}$   $\frac{S\ 34}{S\ 3}$   
1968

from which

A fir, 8 ins. diam., bears S.  $39\frac{1}{2}^\circ$  W.,  $43\frac{1}{2}$  lks. dist., mkd. W  $\frac{1}{16}$  S3 BT. (1968)

A fir, 10 ins. diam., bears N.  $45^\circ$  W., 48 lks. dist., mkd. W  $\frac{1}{16}$  S34 BT. (1978)

Ascend 10 ft. over NE. slope.

21.30 Top of ascent, slopes N.; desc. 75 ft. along N. slope.

26.50 Ravine, drains N.  $20^\circ$  E.; asc. 50 ft. over E. slope.

30.70 Ravine, drains NE.; asc. 170 ft. over NE. slope.



Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS 31.75	Dirt road, 15 lks. wide, bears N. 15° W. and S. 15° E.
39.90	<p>The cor. of secs. 3, 4, 33, and 34, determined from the remains of the original bearing trees:</p> <p>A pine, 22 ins. diam., bears N. 56° E., 31 lks. dist., with healed blaze. (Record, N. 52° E.)</p> <p>A root hole, bears S. 63° E., 36 lks. dist., with a down fir alongside, 17 ins. diam., with fragmentary scribe marks visible on burned blaze.</p> <p>A root hole, bears S. 38° W., 19 lks. dist., with a down pine alongside, 20 ins. diam., no marks visible.</p> <p>A root hole, bears N. 63° W., 100 lks. dist., with a down pine alongside, 22 ins. diam., with fragmentary scribe marks visible on burned blaze.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, to solid rock, and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 6 S R 32 E S 33   S 34 S 4   S 3 T 7 S 1967</p> </div> <p>from which new bearing trees</p> <p>A fir, 19 ins. diam., bears S. 24° E., 64 lks. dist., mkd. T7S R32E S3 BT. (1967)</p> <p>A fir, 11 ins. diam., bears S. 47° W., 17 lks. dist., mkd. T7S R32E S4 BT. (1967)</p> <p>A larch, 12 ins. diam., bears N. 31° W., 52½ lks. dist., mkd. T6S R32E S33 BT. (1967)</p> <p>Land, mountainous. Soil, rocky clay. Timber, fir, pine, and larch; undergrowth, young timber and arrowwood.</p> <hr/> <p>S. 89° 44' W., bet. secs. 4 and 33.</p> <p>Ascend 320 ft. over NE. slope, through heavy timber and moderate undergrowth.</p>
15.50	Top of ascent, slopes NE.; desc. 20 ft. over W. slope.
19.805	<p>Point for the E 1/16 sec. cor. of secs. 4 and 33.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, to solid rock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>E 1/16 <math>\frac{S 33}{S 4}</math> 1968</p> </div> <p>from which</p>



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Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

- A juniper, 43 ins. diam., bears S. 42° W., 290½ lks. dist., mkd. E 1/16 S4 BT. (1968)
- A juniper, 18 ins. diam., bears N. 82½° W., 125 lks. dist., mkd. E 1/16 S33 BT. (1968)
- Descend 550 ft. over broken NW. slope.
- 38.10 Meengs Canyon, drains N. 20° W.; asc. 50 ft. over NE. slope.
- 39.61 The ¼ sec. cor. of secs. 4 and 33, determined at record bearing and distance from the only remaining original bearing tree:
- A pine, 30 ins. diam., bears S. 39° W., 47 lks. dist., with fragmentary scribe marks visible on partially open blaze.
- At the corner point
- Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
- T 6 S R 32 E

¼    S 33

          S 4

T 7 S

1968
- from which new bearing trees
- A pine, 25 ins. diam., bears N. 25° E., 26 lks. dist., mkd. ¼ S33 BT. (1968)
- A fir, 9 ins. diam., bears S. 82° E., 28 lks. dist., mkd. ¼ S4 BT. (1978)
- 
- S. 89° 43' W., beginning new measurement.
- Ascend 120 ft. over broken NE. slope.
- 11.20 Spur, slopes NW.; desc. 40 ft. over NW. slope.
- 15.10 Ravine, drains N. 20° W.; asc. 5 ft. over E. slope.
- 17.15 Top of ascent, slopes NW.; desc. 130 ft. over SW. slope.
- 26.00 Bottom of descent, slopes NW., also dirt road, 15 lks. wide, bears NW. and SE.; asc. 35 ft. over NE. slope.
- 35.60 Top of ascent, slopes NW.; desc. 50 ft. over NW. slope.
- 40.23 The cor. of secs. 4, 5, 32, and 33, determined from the remains of the original bearing trees:
- A pine snag, 14 ins. diam., bears N. 30° E., 64 lks. dist., with scribe marks T6S 33 BT visible on open double blaze.
- A larch, 17 ins. diam., bears S. 73° E., 71 lks. dist., with healed blaze.
- A sawed pine stump, 21 ins. diam., bears S. 48° W., 105 lks. dist., with scribe marks BT visible on open blaze. (Record, 103 lks.)



Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

A sawed larch stump, 26 ins. diam., bears N. 42° W.,  
119 lks. dist., no marks visible.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins.  
in the ground, in a mound of stone, 2½ ft. base, to top,  
with brass cap mkd.

T 6 S R 32 E
S 32   S 33
S 5   S 4
T 7 S
1968

from which new bearing trees

A fir, 11 ins. diam., bears N. 20° E., 153 lks.  
dist., mkd. T6S R32E S33 BT. (1968)

A fir, 14 ins. diam., bears S. 38° W., 75 lks.  
dist., mkd. T7S R32E S5 BT. (1968)

A larch, 13 ins. diam., bears N. 82° W., 72 lks.  
dist., mkd. T6S R32E S32 BT. (1968)

Land, mountainous.

Soil, light sandy loam.

Timber, fir, pine, larch, and juniper; undergrowth,  
young timber and arrowwood.

S. 89° 33' W., bet. secs. 5 and 32.

Descend 15 ft. over NW. slope, through heavy timber and  
medium undergrowth.

- 2.15 Ravine, drains NW.; asc. 70 ft. over NE. slope.
- 4.60 Dirt road, 15 lks. wide, bears N. 35° W. and S. 30° E.
- 8.15 Spur, slopes N.; desc. 50 ft. along N. slope.
- 14.55 Dirt road, 15 lks. wide, bears N. 75° E. and S. 75° W.
- 20.12 Point for the E 1/16 sec. cor. of secs. 5 and 32.
- Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins.  
in the ground, to solid rock, in a mound of stone, 3 ft.  
base, to top, with brass cap mkd.
- |        |      |
|--------|------|
| E 1/16 | S 32 |
|        | S 5  |
| 1968   |      |
- from which
- A pine, 9 ins. diam., bears S. 45½° W., 48½ lks.  
dist., mkd. E 1/16 S5 BT. (1968)
- A pine, 15 ins. diam., bears N. 46½° W., 74 lks.  
dist., mkd. E 1/16 S32 BT. (1968)
- Descend 100 ft. along N. slope.
- 31.00 Bottom of descent, slopes N.; asc. 40 ft. over NE. slope.



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Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS  
40.24

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, determined from the remains of the original bearing trees:

A larch snag, 26 ins. diam., bears N.  $60^\circ$  E., 25 lks. dist., with fragmentary scribe marks visible on open blaze. (Record, N.  $67^\circ$  E.)

A pine, 36 ins. diam., bears S.  $43^\circ$  E., 21 lks. dist., with healed blaze.

At the corner point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.

T 6 S R 32 E  
 $\frac{1}{4}$   $\frac{S 32}{S 5}$   
T 7 S  
1968

from which new bearing trees

A fir, 16 ins. diam., bears N.  $34\frac{1}{2}^\circ$  E., 37 lks. dist., mkd.  $\frac{1}{4}$  S32 BT. (1968)

A fir, 11 ins. diam., bears S.  $74^\circ$  W., 57 lks. dist., mkd.  $\frac{1}{4}$  S5 BT. (1978)

S.  $89^\circ 18'$  W., beginning new measurement.

Ascend 60 ft. over NE. slope.

4.30 Ridge, bears NW. and SE.; desc. 190 ft. over SW. slope.

20.195 Point for the W  $\frac{1}{16}$  sec. cor. of secs. 5 and 32.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

W  $\frac{1}{16}$   $\frac{S 32}{S 5}$   
1978

from which

A fir, 11 ins. diam., bears N.  $34^\circ$  E.,  $60\frac{1}{2}$  lks. dist., mkd. W  $\frac{1}{16}$  S32 BT. (1978)

A fir, 15 ins. diam., bears S.  $66\frac{1}{2}^\circ$  W., 103 lks. dist., mkd. W  $\frac{1}{16}$  S5 BT. (1978)

Descend 25 ft. over SW. slope.

22.30 Ravine, drains NW.; asc. 80 ft. over NE. slope.

23.80 Dirt road, 15 lks. wide, bears NW. and SE.

37.50 Spur, slopes N.; desc. 20 ft. over NW. slope.

40.39 The cor. of secs. 5, 6, 31, and 32, monumented with the original unmarked basalt stone, 18 x 12 x 4 ins., firmly set 10 ins. in the ground, in a mound of stone, 2 ft. base, 1 ft. high, from which the remains of the original bearing tree:



Dependent Resurvey of a Portion of the South Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

A pine snag, 40 ins. diam., bears S. 71° W., 75 lks. dist., with scribe marks T7S 6 R32 visible on open and burned blaze. (Record, S. 71° E.)

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T 6 S R 32 E
S 31   S 32
S 6   S 5
T 7 S
1968

from which new bearing trees

A fir, 11 ins. diam., bears S. 31° E., 67 lks. dist., mkd. T7S R32E S5 BT. (1968)

A fir, 18 ins. diam., bears N. 89° W., 83 lks. dist., mkd. T6S R32E S31 BT. (1968)

A pine, 10 ins. diam., bears N. 50° E., 56 lks. dist., mkd. T6S R32E S32 BT. (1978)

A fir, 14 ins. diam., bears S. 43° W., 130 lks. dist., mkd. T7S R32E S6 BT. (1978)

A fir, 8 ins. diam., bears N. 16° W., 129 lks. dist., mkd. T6S R32E S31 BT. (1978)

Land, mountainous.

Soil, sandy loam.

Timber, fir, pine, and larch; undergrowth, young timber and arrowwood.

Dependent Resurvey of the East Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

(Restoring the survey by Frank W. Campbell,  
U. S. Deputy Surveyor, in 1883)

From the cor. of Tps. 6 and 7 S., Rs. 32 and 33 E.

N. 0° 08' W., bet. secs. 31 and 36, marking and blazing the true line.

Ascend 120 ft. over broken SW. slope, through heavy timber and light undergrowth.

9.75 Gravelled road, 30 lks. wide, bears N. 65° W. and S. 60° E.

18.15 E. edge of gravelled road, 30 lks. wide, bears N. 5° W. and S.

19.96 The S 1/16 sec. cor. of secs. 31 and 36, established and recorded by David H. Krumbein, Registered Land Surveyor No. 933, in 1978, and is accepted as the corner, monumented with an aluminum post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.



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Dependent Resurvey of the East Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS  
33.87

Intersect the S. bdy. of sec. 36, T. 5 S., R. 32 E. (First Standard Parallel South).

True point for the closing cor. of Tps. 6 S., Rs. 32 and 33 E., occupied by a fir, 8 ins. diam., mkd. R33E S6 on E., CC T6S on S., and R32E S1 on W. faces. (1980)

from which

A fir, 6 ins. diam., bears S. 43° E., 29 lks. dist., mkd. T6S R33E S6 CC BT. (1968)

A fir, 6 ins. diam., bears S. 69° W., 29 lks. dist., mkd. T6S R32E S1 CC BT. (1968)

An iron post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45° W., 10 lks. dist., with brass cap mkd. T6S R32E S1 CC RM 1980 and an arrow pointing to the corner.

From this point, the original closing cor. of Tps. 6 S., Rs. 32 and 33 E., bears N. 0° 14' W., 0.03 chs. dist., determined from the remains of the original bearing trees:

A pine stump, 30 ins. diam., bears S. 22° E., 60 lks. dist., with scribe marks T6S R33E S6 visible on burned blaze.

A pine, 12 ins. diam., bears S. 63° W., 9 lks. dist., with scribe marks R32E S1 CC BT visible on open blaze.

From this same point, the standard cor. of secs. 35 and 36, T. 5 S., R. 32 E., bears S. 89° 40' W., 4.93 chs. dist., described in the field notes of the dependent resurvey of a portion of the S. bdy. of T. 5 S., R. 32 E., executed concurrently under this same Group.

Land, rolling hills.

Soil, sandy loam.

Timber, pine, fir, larch, and spruce; undergrowth, young timber and arrowwood.

Dependent Resurvey of the West Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

(Restoring the survey by Henry Meldrum,  
U. S. Deputy Surveyor, in 1881,  
and the survey by Rufus S. Moore,  
U. S. Deputy Surveyor, in 1881)

From the cor. of Tps. 6 and 7 S., Rs. 31 and 32 E., determined at record bearing and distance from the remaining original bearing trees:

A fir, 14 ins. diam., bears N. 44° E., 22 lks. dist., with healed blaze.

A pine, 24 ins. diam., bears S. 60° E., 9 lks. dist., with healed blaze.

A pine, 15 ins. diam., bears S. 13° W., 13 lks. dist., with healed blaze.



Dependent Resurvey of the West Boundary,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T 6 S	
R 31 E	R 32 E
S 36	S 31
S 1	S 6
T 7 S	
1968	

from which a new bearing tree

A fir, 12 ins. diam., bears N. 70° W., 60 lks. dist., mkd. T6S R31E S36 BT. (1968)

N. 0° 05' E., bet. secs. 31 and 36, marking and blazing the true line.

Descend 940 ft. over NW. slope, through moderate timber and light undergrowth.

- 27.30 North Fork John Day River, 120 lks. wide, course S. 70° W.; asc. 500 ft. over steep rocky S. slope.
- 29.10 Asphalt surface road, 40 lks. wide, bears E. and W.
- 31.00 Leave timber, enter open range land, edge bears E. and W.
- 39.82 Point for the ¼ sec. cor. of secs. 31 and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground, to solid rock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.

T 6 S	
R 31 E	R 32 E
¼	
S 36	S 31
1968	

from which

A juniper, 10 ins. diam., bears N. 30° E., 151 lks. dist., mkd. ¼ S31 BT. (1968)

A juniper, 8 ins. diam., bears S. 44° W., 100 lks. dist., mkd. ¼ S36 BT. (1968)

Ascend 730 ft. over S. slope.

- 79.64 Point for the cor. of secs. 25, 30, 31, and 36, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T 6 S	
R 31 E	R 32 E
S 25	S 30
S 36	S 31
1968	



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Remonumentation of Certain Original Corner Points,  
T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

A sawed pine stump, 30 ins. diam., bears N. 79° W., 50 lks. dist., with scribe marks  $\frac{1}{4}$  S BT visible on open blaze. (Record, N. 77° W., 48 lks.)

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S 5 | S 4  
T 6 S R 32 E

1967

from which new bearing trees

A fir, 23 ins. diam., bears S. 58° E., 47½ lks. dist., mkd.  $\frac{1}{4}$  S4 BT. (1967)

A pine, 25 ins. diam., bears S. 60° W., 156 lks. dist., mkd.  $\frac{1}{4}$  S5 BT. (1967)

Deposit corner stone alongside iron post.

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 8, determined at record bearing and distance from the only remaining original bearing tree:

A pine, 33 ins. diam., bears S. 10° W., 9 lks. dist., with scribe marks  $\frac{1}{4}$  S visible on partially opened blaze.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, to solid rock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

$\frac{1}{4}$   $\frac{S 5}{S 8}$   
T 6 S R 32 E

1967

from which new bearing trees

A pine, 14 ins. diam., bears N. 63° E., 46 lks. dist., mkd.  $\frac{1}{4}$  S5 BT. (1967)

A pine, 10 ins. diam., bears S. 43° W., 62½ lks. dist., mkd.  $\frac{1}{4}$  S8 BT. (1967)

GENERAL DESCRIPTION

Township 6 south, range 32 east, is located in Umatilla County, about 4 miles southeast of the small town of Ukiah, Oregon. The land is broken and mountainous, with elevations ranging from about 2800 feet above sea level where the line between sections 31 and 36, on the west boundary of the township crosses the North Fork John Day River, to about 5200 feet above sea level on the line between sections 7 and 12, on the east boundary of the township. The township is well drained by many creeks that are tributaries of the North Fork John Day River, which flows westerly through the southern part of the township.



## T. 6 S., R. 32 E., Willamette Meridian, Oregon

## CHAINS

The soil consists generally of rocky clay, with small areas of clay loam near the streams. Timber in the area consists of pine, fir, larch, juniper, spruce, and alder, with undergrowth of young timber, arrowwood, hazel, sagebrush, and native grasses.

Access is gained to all parts of the township by way of numerous gravelled and dirt roads.

There was no evidence of mineral deposits noted along the lines surveyed.

An average of a considerable number of readings taken throughout the area gives a value of  $20^{\circ} 15' E.$  for the mean magnetic declination. There is a range of  $1^{\circ} 30'$  due to local attraction.



T. 6 S., R. 32 E., Willamette Meridian, Oregon

CHAINS

The soil consists generally of rocky clay, small areas of clay loam near the streams. Timber in the area consists of pine, fir, larch, juniper, spruce, and alder, with undergrowth of young timber, arrowwood, hazel, sagebrush, and native grasses.

Access is gained to all parts of the township by way of numerous gravelled and dirt roads.

There was no evidence of mineral deposits noted along the lines surveyed.

An average of a considerable number of readings taken throughout the area gives a value of 20° 15' E. for the mean magnetic declination. There is a range of 1° 30' due to local attraction.



Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Lester E. Fischer	Cadastral Surveyor (Assisting)
Wayne L. Rogers	Cadastral Surveyor (Assisting)
Michael C. Hayes	Cadastral Surveyor
James J. Carlson	Surveying Technician
Robert A. Brown	Surveying Technician
James B. McDaniel	Surveying Technician
Richard T. Helms III	Surveying Aid
Kurt A. Wycaver	Surveying Aid
Robert R. Thornton	Surveying Aid
Steven J. Paasch	Surveying Aid
Jerome C. Ives	Cadastral Surveyor
Delbert E. Baldwin	Cadastral Surveyor
Thomas D. Brown	Cadastral Surveyor
Donevan C. Harris	Cadastral Surveyor
James A. Rhea, Jr.	Surveying Technician

*[Faint mirrored text from reverse side of page, including "CERTIFICATE OF APPROVAL" and "BUREAU OF LAND MANAGEMENT"]*

*[Faint mirrored text from reverse side of page, including "The former field notes of the dependent survey of a portion of the south boundary (first Standard Parallel South), township 5 south, range 31 east, dependent survey of the east and west boundaries, a portion of the south boundary and subdivision lines, subdivision of certain sections, and remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon, executed by James E. Jolley, Harvey E. Wolford, and Craig L. Wanless, Cadastral Surveyors, having been critically examined and found correct, are hereby approved."]*

*[Signature and date: William W. Hines, June 30, 1983]*  
 \_\_\_\_\_  
 (Date)  
 (Chief Cadastral Surveyor of Oregon)

*[Faint mirrored text from reverse side of page, including "I CERTIFY That the foregoing transcript of the field notes of the above-described surveys is a true copy of the original field notes."]*



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CERTIFICATE OF SURVEY

Form 9600-11 (August 1979)

(X) (We), James E. Jelley, Harvey E. Wofford, and Craig L. Wanless , HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day

of May , 19 57, (XXXXXX) special instructions bearing date of the 16th day of June, 1967, and supplemental special instructions bearing date of the 25th day of July 1978, we have dependently resurveyed a portion of the south boundary (First Standard Parallel South), township 5 south, range 31 east, dependently resurveyed the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivided certain sections, and remonumented certain original corner points, township 6 south, range 32 east,

of the Willamette Meridian, in the State of Oregon , which are represented in the foregoing field notes as having been executed by (us) and under (our) direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

August 9, 1982 (Date) James E. Jelley (Cadastral Surveyor)
August 12, 1982 (Date) Harvey E. Wofford (Cadastral Surveyor)
October 6, 1982 (Date) Craig L. Wanless (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the south boundary (First Standard Parallel South), township 5 south, range 31 east, dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivision of certain sections, and remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon, executed by James E. Jelley, Harvey E. Wofford, and Craig L. Wanless, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

June 30, 1983 (Date) William W. Glenn (Chief Cadastral Surveyor of Oregon)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in , is a true copy of the original field notes.

(Date) (Chief, Cadastral Survey Examination and Approval Staff)




Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert B. Fink	Surveying Technician
Louis A. Kautz	Surveying Technician
Max E. Farron	Surveying Technician
Martin L. Epperly	Surveying Technician
Jay L. Mehr	Surveying Aid
Roger M. Willis	Surveying Aid
Shane C. Sills	Surveying Aid
Michael R. Druckrey	Surveying Aid
James R. Von Grabow	Surveying Aid
Robert L. Nelson	Surveying Aid
	October 7, 1982 (Date)
	October 6, 1982 (Date)

CERTIFICATE OF APPROVAL

  
 \_\_\_\_\_  
 (Date) June 30, 1983  
 (Chief Cadastral Surveyor of Oregon)

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ is a true copy of the original field notes.



314

CERTIFICATE OF SURVEY

(We), William D. Kimmel and Rick E. Tawney, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day of May, 19 57, special instructions bearing date of the 16th day of June, 1967, and supplemental special instructions bearing date of the 25th day of July, 1978, we have dependently resurveyed a portion of the south boundary (First Standard Parallel South), township 5 south, range 31 east, dependently resurveyed the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivided certain sections, and remonumented certain original corner points, township 6 south, range 32 east,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by (us) and under (our) direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

October 7, 1982 (Date)

William D. Kimmel (Cadastral Surveyor)

October 4, 1982 (Date)

Rick E. Tawney (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the south boundary (First Standard Parallel South), township 5 south, range 31 east, dependent resurvey of the east and west boundaries, a portion of the south boundary and subdivisional lines, subdivision of certain sections, and remonumentation of certain original corner points, township 6 south, range 32 east, Willamette Meridian, Oregon, executed by William D. Kimmel and Rick E. Tawney, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

June 30, 1983 (Date)

William W. Glenn (Chief Cadastral Surveyor of Oregon)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

(Date)

(Chief, Cadastral Survey Examination and Approval Staff)