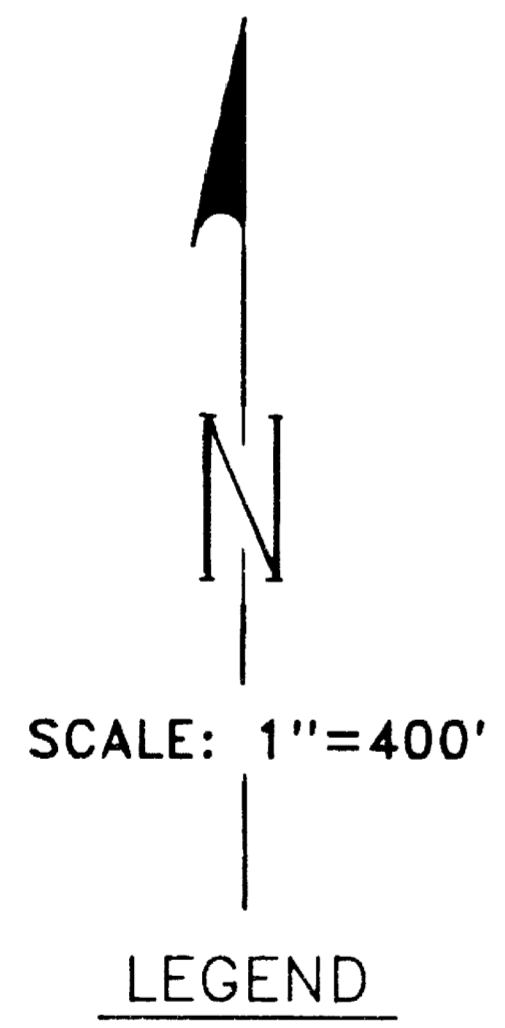


MAP of SURVEY

LOCATION:
E1/2 and W1/2 of SECTION 32
T. 37S., R.3W., W.B. & M.
JACKSON COUNTY, OREGON

SURVEYED for:
BOISE CASCADE CORP.
WESTERN OREGON AREA
P.O. BOX 100
MEDFORD, OREGON 97501

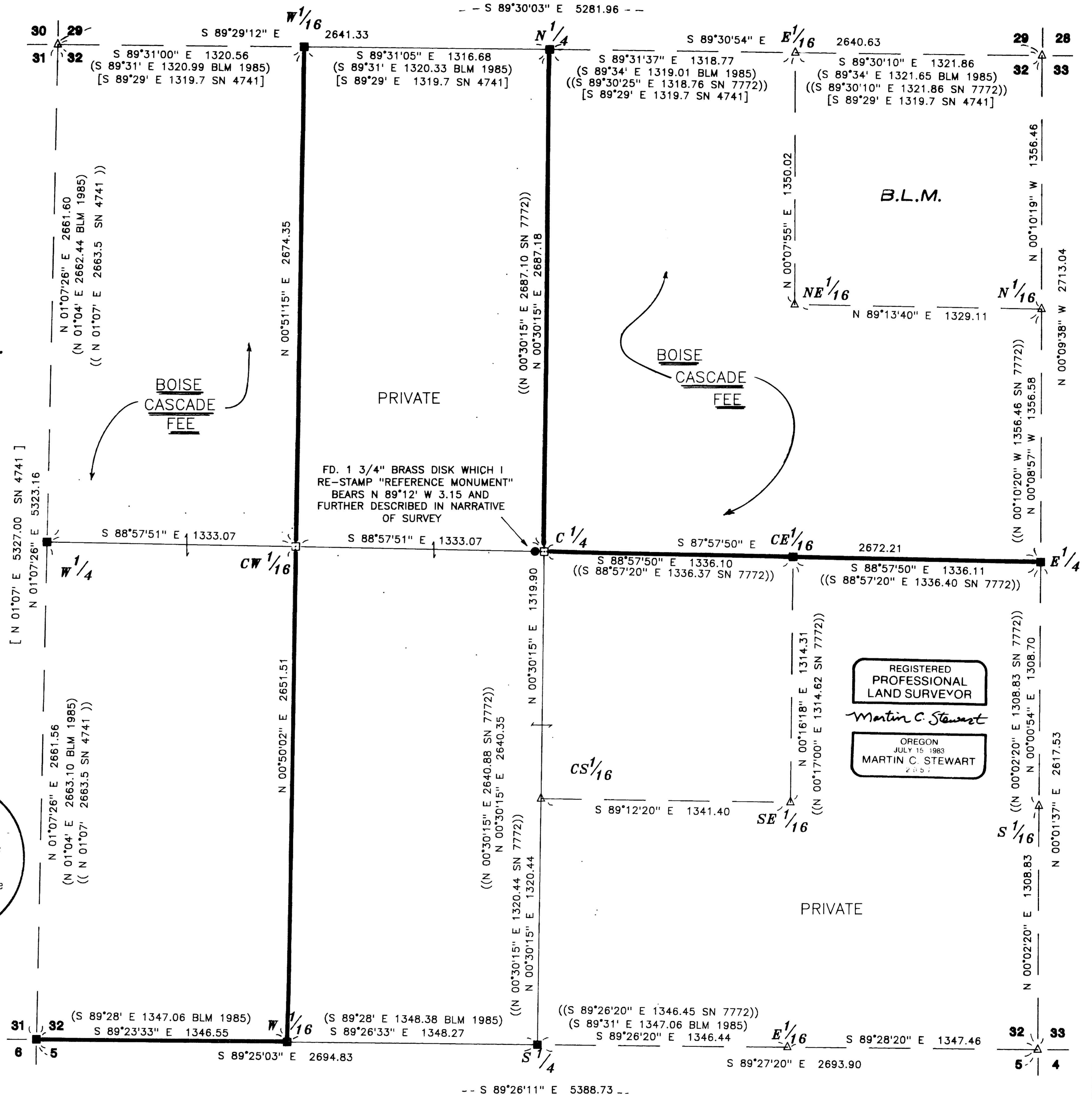
SURVEYED by:
STEWART LAND SURVEYS
6370 Highway 66
Ashland, Oregon 97520
Telephone: 503-488-2831



- LEGEND**
- △ COMPUTED POSITION
 - FD. MONUMENT AS DESCRIBED IN ACCOMPANYING FOUR PAGE NARRATIVE OF SURVEY
 - INDICATES LINES BLAZED AND PAINTED
 - FD. REFERENCE MONUMENT AS DESCRIBED IN ACCOMPANYING FOUR PAGE NARRATIVE OF SURVEY
 - SET CORNER AS DESCRIBED IN ACCOMPANYING FOUR PAGE NARRATIVE OF SURVEY

BASIS OF BEARINGS
BEARINGS BASED UPON NORTH-SOUTH CENTERLINE
OF SECTION 32 PER SN 7772

**** RECEIVED ****
Date: 10-16-92 by: BS
This survey consists of:
1 sheet(s) Map
4 page(s) Narrative
JACKSON COUNTY SURVEYOR



REGISTERED
PROFESSIONAL
LAND SURVEYOR
Martin C. Stewart
OREGON
JULY 15, 1983
MARTIN C. STEWART

SEE ACCOMPANYING 4 PAGE NARRATIVE OF SURVEY

JOB: 73W32-1-J.N.937
SHEET 1 OF 1

TAX PLAT NO. 37S - 3W TAX LOTS 12600 & 12801

STEWART LAND SURVEYS
6370 HIGHWAY 66
ASHLAND, OREGON 97520
Phone (503) 488-2831

NARRATIVE of SURVEY

13193

CENTER 1/4 CORNER FOR SECTION 32; TOWNSHIP 37 SOUTH, RANGE 3 WEST OF THE W.B.& M.

Set: A 2 & 1/2 inch brass disk on a 2 & 1/2 inch X 36 inch galvanized iron pipe, projecting 4 inches, firmly set and marked:

"T37S R3W, S.32 C.1/4, 1992, STEWART L.S. No.2057"

from which:

A 12.8 inch D.B.H. doug. fir bears S48°16'E, 8.65 feet dist. which I marked; "C.1/4 S.32 B.T."

An 8.2 inch D.B.H. black oak bears N75°21'W, 15.45 feet dist. with double healed blazes.

A 10.6 inch D.B.H. doug. fir bears N50°56'W, 3.30 feet dist. with double healed blazes.

A 1 & 3/4 inch brass disk on a 1 inch galvanized iron pipe, 1 inch deep, firmly set, bears N89°35'W, 3.18 feet dist. and marked: "T37S R3W C.1/4 S.32, 1976, REFERENCE MONUMENT"

CENTER-WEST 1/16TH CORNER FOR SECTION 32; TOWNSHIP 37 SOUTH, RANGE 3 WEST, W.B.& M.

Set: A 2 & 1/2 inch brass disk on a 2 inch X 36 inch galvanized iron pipe in a mound of stones, projecting 6 inches, firmly set and marked:

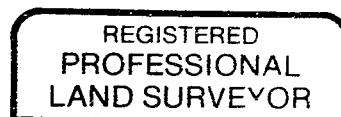
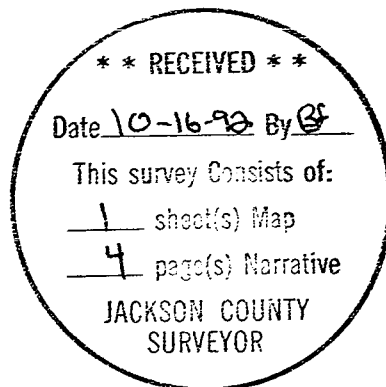
"T37S R3W, S.32 CW 1/16 1992, STEWART L.S. No. 2057"

from which:

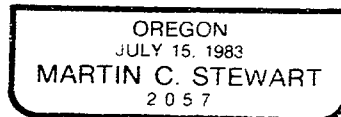
A 20.3 inch D.B.H. grand fir bears N81°08'E, 18.25 feet dist. which I marked; "CW 1/16 S.32 BT"

A 7.0 inch D.B.H. incense cedar bears N20°18"W, 8.25 feet dist. which I marked; "CW 1/16 S.32 BT"

(This corner falls northerly approx. 45 feet of Forest Creek and southerly approx. 95 feet of an old unimproved private access road.)



Martin C. Stewart



Job: 73W32-1-JN937

NARRATIVE of SURVEY

13193

WEST 1/16TH CORNER COMMON TO SECTIONS 29 & 32; TOWNSHIP 37 SOUTH, RANGE 3 WEST, W.B. & M.

Found: A 2 inch galvanized reducer filled with a pot metal expander on a 1 inch galvanized iron pipe, projecting 6 inches, firmly set and marked:

"RE 7122, W 1/16 29/32, T37S R3W, 1971"

from which:

A 12.0 inch D.B.H. doug.fir bears N07°14'W, 3.4 feet dist. with double healed blazes.

(filed per S.N. 4741: 8"D.fir, N5&1/2°W, 3.1 feet distant)

A 11.5 inch D.B.H. doug. fir bears S53°43'E, 22.8 feet dist. with double healed blazes.

(filed per S.N. 4741: 10"D.fir, S54°E, 22.7 feet distant)

1/4 CORNER COMMON TO SECTIONS 32 & 33; TOWNSHIP 37 SOUTH, RANGE 3 WEST, W.B. & M.

Found: A 2 & 1/2 inch brass disk on a 1 inch galvanized iron pipe, projecting 4 inches, firmly set and marked:

" T37S R3W, 1/4 S. 32/33, C.S. 1987"

from which:

three Bearing Trees were found as per 1987 Jackson County re-estb.

CENTER-EAST 1/16TH CORNER SECTION 32; TOWNSHIP 37 SOUTH, RANGE 3 WEST, W.B. & M.

Found: A 1 & 3/4 inch brass disk on a 3/4 inch galvanized iron pipe, projecting 2 inches, firmly set and marked:

"E 1/16, C---C, S.32 1976"

from which:

A 13.5 inch D.B.H. Ponderosa pine bears N19°02'E, 50.7 feet dist. with double healed blazes.

(filed per S.N. 7772:13"Pine, N19°E, 49.9 feet dist.to face)

A 19.5 inch D.B.H. madrone bears N87°47'E, 63.1 feet dist. with double blazes and scribing evident.

(filed per S.N. 7772 16"laurel, N87&3/4°E, 62.1 feet dist.to face)

1/4 CORNER COMMON TO SECTIONS 31 & 32; TOWNSHIP 37 SOUTH, RANGE 3 WEST, W.B. & M.

Found: A 2 inch galvanized reducer filled with pot metal expander on a 1 inch galvanized iron pipe, flush, firmly set and marked:

"RE 7172, 1/4 31 32, T37S R3W, 1971"

from which:

A 18.8 inch D.B.H. doug. fir bears S67°39'E, 61.1 feet dist. with double healed blazes.

(filed per S.N.4741 13" D.fir, S66°E, 61.2 feet dist.)

A 25.0 inch D.B.H. doug. fir bears N43 34'W, 73.2 feet dist. with double healed blazes.

(filed per S.N.4741 20"D.fir, N43°W, 73.0 feet dist.)

(corner falls on a steep northerly slope aprox. 250 feet southerly of Forest Creek)

STEWART LAND SURVEYS
6370 HIGHWAY 66
ASHLAND, OREGON 97520
Phone (503) 488-2831

NARRATIVE of SURVEY

13193

CORNER DESCRIPTIONS:

(all distances measured to side center at the root crown
of all Bearing Trees unless otherwise noted)

1/4 CORNER COMMON TO SECTIONS 32 & 5; TOWNSHIPS 37 & 38
SOUTH, RANGE 3 WEST, W.B.& M.

Found: A 2 & 1/2 inch brass disk on a 1 inch iron rod,
projecting 2 inches, firmly set and marked:

"JACKSON COUNTY, T37S R3W, 1/4 32/5, T38S R3W, C.S. 1975"
from which:

Two Bearing Trees were found as per 1985 B.L.M. Dependent
Resurvey

1/4 CORNER COMMON TO SECTIONS 29 & 32; TOWNSHIP 37 SOUTH,
RANGE 3 WEST, W.B.& M.

Found: A 2 inch galvanized reducer filled with a pot metal
expander on a 1 inch galvanized iron pipe projecting 1 inch,
firmly set and marked:

"R.E. 7122, 1/4 29/32, T37S R3W , 1971"

from which:

An 18.5 inch D.B.H. doug. fir bears N43°44'E, 28.0
feet dist. with double healed blazes.

(filed per S.N. 4741: 10"D.fir, N45°E, 28.0 feet dist.)

A 12.6 inch D.B.H. doug. fir bears S12°13'E, 10.1 feet dist.
with a double healed blazes.

(filed per S.N. 4741: 9"D.fir, S09&1/2°E, 9.6 feet dist.)

SECTION CORNER COMMON TO SECTIONS 31, 32, 5, & 6; TOWNSHIPS
37 & 38 SOUTH, RANGE 3 WEST, W.B.& M.

Found: a 2 & 1/2 inch brass disk on a 1" galvanized iron pipe
projecting 13&3/4 inches and slightly bent and inclined to
the north, firmly set inside a 2" iron pipe and marked:

"T37-38S R3W, SEC. CORNER 31, 32, 5, & 6, C.S. 1971"

from which:

four Bearing Trees were found as per 1985 B.L.M. Dependent
Resurvey

WEST 1/16TH CORNER COMMON TO SECTIONS 32 & 5; TOWNSHIPS 37 &
38 SOUTH, RANGE 3 WEST, W.B.& M.

Found: A 3/4 inch iron pipe with a flared top, projecting 6
inches, firmly set. This corner falls in a east-
west fence line on a steep northeasterly slope.

from which:

A 14.0 inch D.B.H. madrone bears S42°54'E, 29.7 feet dist.
with double healed blazes.

(filed per 1985 B.L.M. Dependent Resurvey: 13" Madrone,
S43&1/2°E, 45.5 links dist.)

A 6.0 inch D.B.H. black oak bears S87°28'W, 15.3 feet dist.
which I marked "W.1/16 S.5 B.T."

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6370 HIGHWAY 66
ASHLAND, OREGON 97520
Phone (503) 488-2831

NARRATIVE of SURVEY

13193

CORNER DESCRIPTIONS:

(all distances measured to side center at the root crown
of all Bearing Trees unless otherwise noted)

1/4 CORNER COMMON TO SECTIONS 32 & 5; TOWNSHIPS 37 & 38
SOUTH, RANGE 3 WEST, W.B.& M.

Found: A 2 & 1/2 inch brass disk on a 1 inch iron rod,
projecting 2 inches, firmly set and marked:
"JACKSON COUNTY, T37S R3W, 1/4 32/5, T38S R3W, C.S. 1975"
from which:

Two Bearing Trees were found as per 1985 B.L.M. Dependent
Resurvey

1/4 CORNER COMMON TO SECTIONS 29 & 32; TOWNSHIP 37 SOUTH,
RANGE 3 WEST, W.B.& M.

Found: A 2 inch galvanized reducer filled with a pot metal
expander on a 1 inch galvanized iron pipe projecting 1 inch,
firmly set and marked:

"R.E. 7122, 1/4 29/32, T37S R3W, 1971"

from which:

An 18.5 inch D.B.H. doug. fir bears N43°44'E, 28.0
feet dist. with double healed blazes.

(filed per S.N. 4741: 10"D.fir, N45°E, 28.0 feet dist.)

A 12.6 inch D.B.H. doug. fir bears S12°13'E, 10.1 feet dist.
with a double healed blazes.

(filed per S.N. 4741: 9"D.fir, S09&1/2°E, 9.6 feet dist.)

SECTION CORNER COMMON TO SECTIONS 31, 32, 5, & 6; TOWNSHIPS
37 & 38 SOUTH, RANGE 3 WEST, W.B.& M.

Found: a 2 & 1/2 inch brass disk on a 1" galvanized iron pipe
projecting 13&3/4 inches and slightly bent and inclined to
the north, firmly set inside a 2" iron pipe and marked:

"T37-38S R3W, SEC. CORNER 31, 32, 5, & 6, C.S. 1971"

from which:

four Bearing Trees were found as per 1985 B.L.M. Dependent
Resurvey

WEST 1/16TH CORNER COMMON TO SECTIONS 32 & 5; TOWNSHIPS 37 &
38 SOUTH, RANGE 3 WEST, W.B.& M.

Found: A 3/4 inch iron pipe with a flared top, projecting 6
inches, firmly set. This corner falls in a east-
west fence line on a steep northeasterly slope.

from which:

A 14.0 inch D.B.H. madrone bears S42°54'E, 29.7 feet dist.
with double healed blazes.

(filed per 1985 B.L.M. Dependent Resurvey: 13" Madrone,
S43&1/2°E, 45.5 links dist.)

A 6.0 inch D.B.H. black oak bears S87°28'W, 15.3 feet dist.
which I marked "W.1/16 S.5 B.T."

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ASHLAND, OREGON 97520
Phone (503) 488-2831

NARRATIVE of SURVEY

SURVEY NO. 13193

SURVEY FOR: Boise Cascade Corporation
P.O. Box 100
Medford, Oregon 97501

LOCATION: The West One-Half and the East One-Half of Section 32, Township 37 South, Range 3 West of the Willamette Base and Meridian in Jackson County, Oregon.

PURPOSE: To establish property lines by blazing and tagging trees along either side of the property lines shown on accompanying Map of Survey.

DATE: July 25, 1992

BASIS OF

BEARING: The North - South Centerline of Section 32 Township 37 South, Range 3 West W.B.M.; as per Survey Number 7772 on file with the Jackson County Surveyor.

PROCEDURE: A thorough research of public records revealed prior survey work had been done in Section 32. In 1944 the Jackson County Surveyor retraced the South line of Section 32 and set monuments for South 1/4 corner, the East 1/16th and the West 1/16th corners along this Section Line. In S.N. 4741 the North line and West line of Section 32 were retraced in the process of double-proportioning the Northwest Section Corner of said section. In S.N. 7772 Section 32 was subdivided by accepting the corners established in these prior surveys. In 1984-85 the Bureau of Land Management conducted a Dependent Resurvey and administrative survey and accepted all prior monuments of record.

While retracing these surveys the bearing values of these lines were found to fit well with the previously established surveys with exception taken for the 1985 Bureau of Land Management Dependent Resurvey. This particular survey did not agree consistently with either distance nor bearings of these previous surveys. As the B.L.M. surveys were conducted within the constraints of the 1973 Manual of Surveying Instructions and they are afforded a much lower closure tolerance of 1 to 905. There are some notable differences in this regard, as both the East and West 1/16th corners on the North Section Line of Section 32 were several feet out of position relative to previously filed locations. Also the West 1/4 corner fit well for bearing but it was several feet short in distance to the Southwest Section Corner as shown on S.N. 4741 and as found in the B.L.M. notes. I computed the location of the Northwest Section Corner of Section 32 holding the bearings between found adjacent corners and the resulting computed distances fit well with my retraced values to the adjacent found corners but varied markedly with the values from the B.L.M. survey and S.N. 4741.

When S.N. 7772 established the Center 1/4 it was set 3.0' to far to the West, my retracement values were confirmed by research done at the office of Boyden Surveyors. As this was a blunder rather than a systematic or propagative error it was felt that the correct thing to do was to re-establish the Center 1/4 and use the monument as set by Gary Kaiser as a reference monument to the properly re-established corner as set by this office.