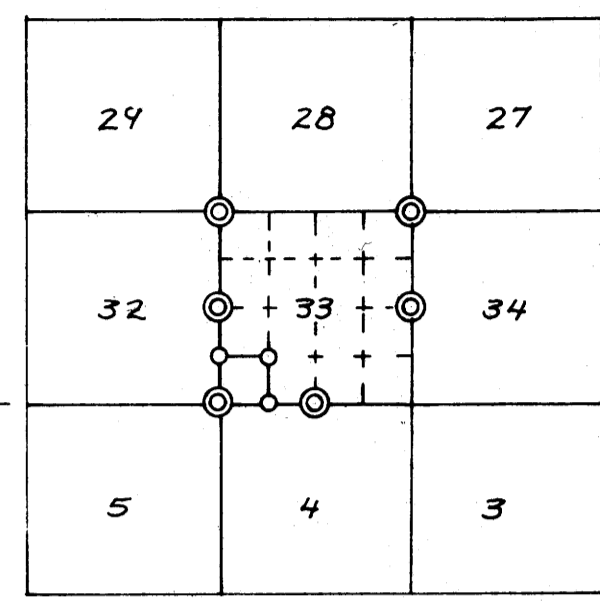


FILED
JUN 4 1991 JP
COUNTY SURVEYOR
DOUGLAS COUNTY, OREGON

Russell J. Julek



VICINITY MAP
SCALE 1" = 1 MILE

T. 29 S. R. 9 W.
T. 30 S. R. 9 W.

The Purpose of this Survey Was to Provide Monumentation of the 3 one Sixteenth Which are the Property Corners of the SW 1/4 of the SW 1/4 of Section 33

Coordinates Are Assumed Local Grid
Bearings Are from Solar or angle Method With observation at Hub at Coordinates 10,000 E 10,000

Distances are at Mean Sea Level Datum Plane

The Iron Pipe & Brass Cap Set by Byron Was Not Used Due to it being Damaged & Not Set in Proper Location (Byron Set it about 6 Ft Too far South)
See Additional Narrative for More Detail

Missing Corners Were Set by Single Proportion or by Intersection of Centerlines as Appropriate

- ⊙ Monuments or Corners Found
- Corners Set

Present
Don Kegel
Bill Hales
Lance Morgan

Instruments
Zeiss Thz 1 second Theodolite
Geodimeter Model 114 Laser E.D.M.
Model 52 Magnetic Locator
Radio Shack Model 4 Computer

For Notes this Survey see Book page

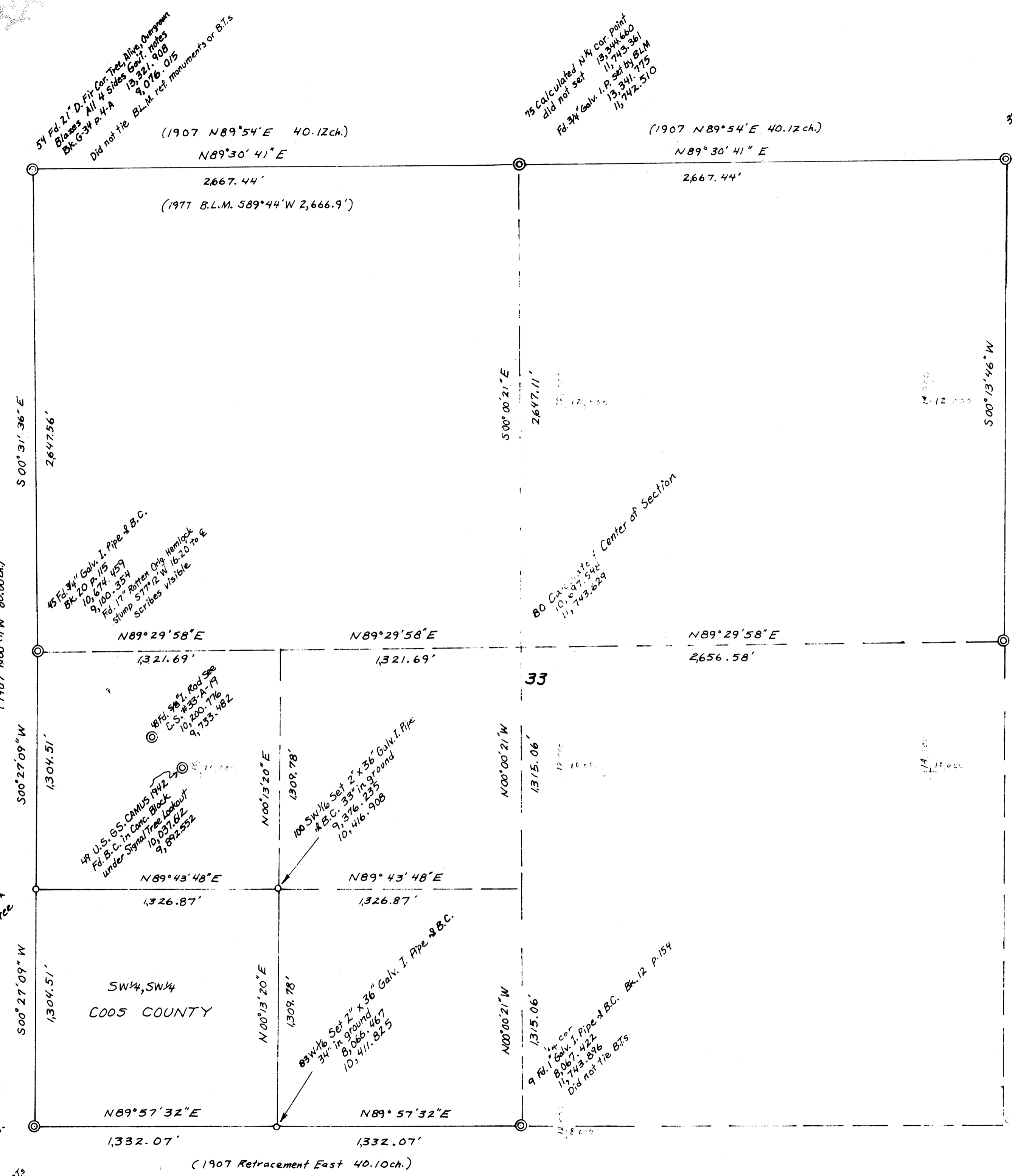
SUBDIVISION SECTION 33
T. 29 S. R. 9 W. W.M.
Coos County, Oregon
Scale 1" = 400' 26 April 1991
Bearing: Local Grid from Solar
Coordinates: Assumed
for Coos County

REGISTERED PROFESSIONAL LAND SURVEYOR

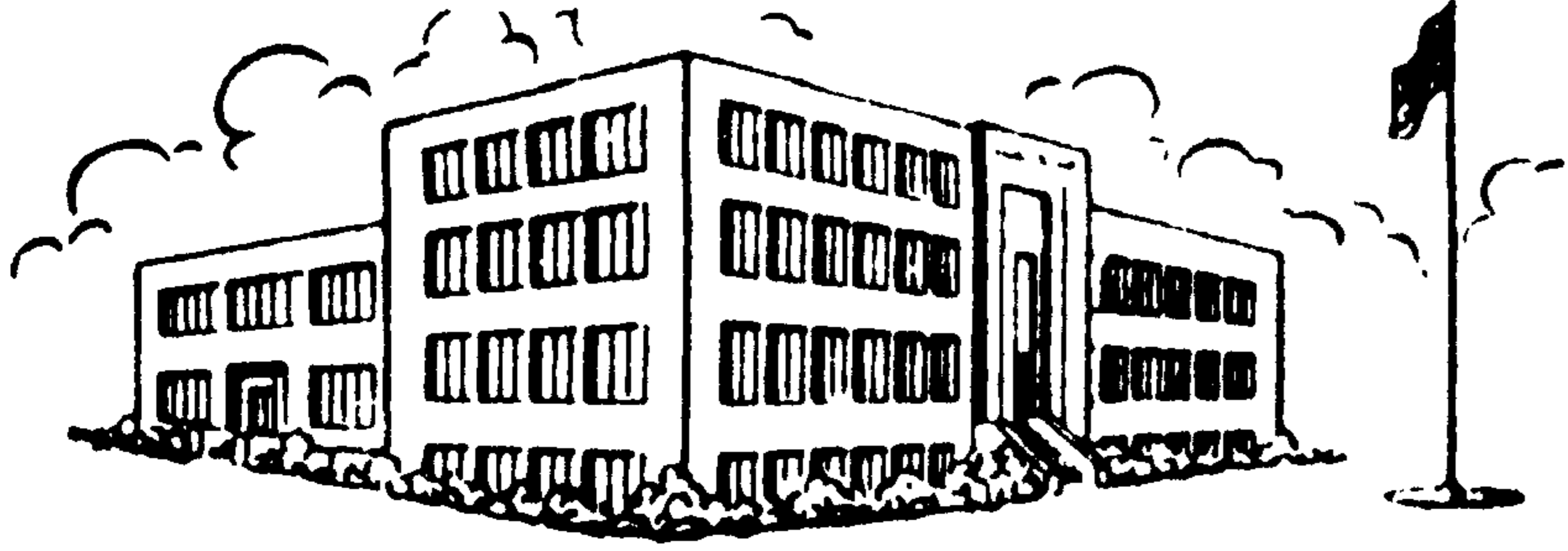
RUSSELL J. JULEK

Coos County Surveyor
Room 315 Courthouse
Coquille, OR. 97423-1852

COUNTY SURVEYORS FILE DATA
DO NOT REMOVE FROM OFFICE



M 113 - 20



County of Coos

RUSSELL F. TORBECK
COUNTY SURVEYOR

County Surveyor's Office
Coos County Courthouse
Coquille, Oregon 97423

396-3121 Ext. 350

May 1, 1991

Fritz Ingram
Douglas County Surveyor
Justice Building Room 205
Roseburg, OR 97470

Subject: Subdivision Survey
in Section 33
T29S, R9W
For Coos County
Map Date April 26, 1991

1. This is sheet 1 of 9 sheets of additional narrative for the subject survey.
2. The subject survey was for the purpose of subdividing Section 33 and setting 1/16 corners which are 3 of the corners of the SW 1/4 of the SW 1/4 which is owned by Coos County.

Russell F. Torbeck
Russell F. Torbeck
Coos County Surveyor

Enclosed
Map, photo mylar 18"X24"

FILED *P*

JUN 4 1991

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

C.S. File No. 64/16

April 19, 1991

	28	
1/4	—	29-9
	33	

This corner was originally established in 1907 by William Porter.

Porter set a sandstone 18"X6"X5", 12" in the ground and marked bearing trees as follows:

18" Fir N80°E 12.54 ft
36" Fir S80°E 17.16 ft

On September 7, 1977 BLM Surveyors Munro & Farnsworth single proportioned this $\frac{1}{4}$ corner between the NW and NE corners of Section 33. They set a 1"X30" Galvanized iron pipe and marked the following bearing trees:

18" Hemlock N02°W 19.5 ft.
6" Fir S40°W 31.5 ft.

The above corner information was obtained from the Coos Bay BLM Office.

We find the 3/4" inside diameter, 1" outside diameter, galvanized iron pipe and iron fence post with Rex Timber tag along side the pipe and the BLM Bearing Trees.

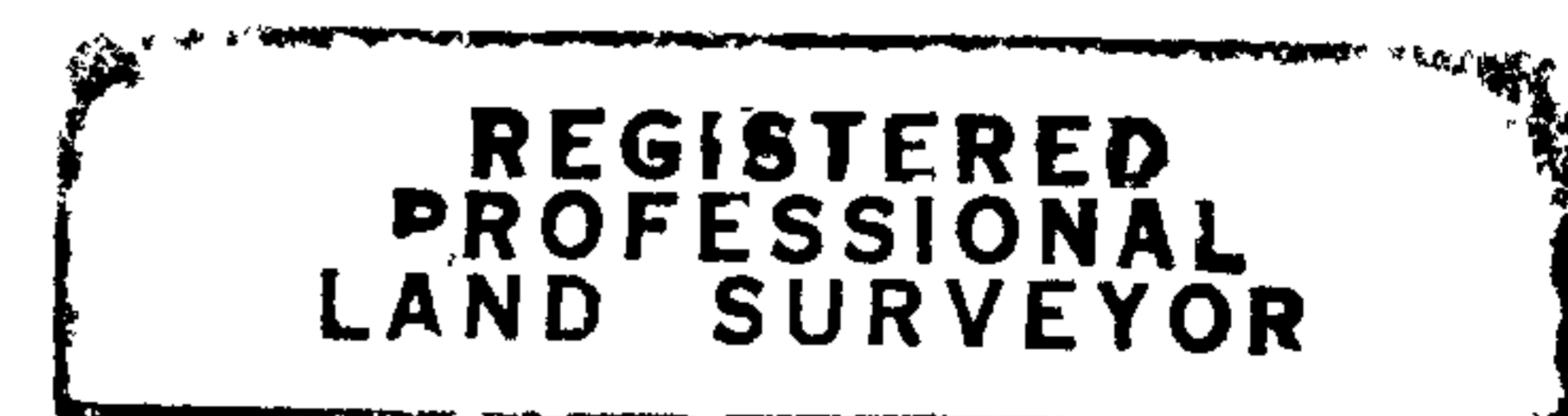
East 50 ft more or less downhill from the iron pipe we find an old 38" fir uproot very badly rotted, with Rex Timber tag "1987", lying down. We also find overgrowth laying loose on the ground with "33" scribed on it. This piece of overgrowth has been painted and flagged. We also find the other NE Government BT splintered and uprooted. We find scribed piece of wood with "28" loose on the ground and some scribes on the main trunk. The NE BT is a 6 ft. stub nearly laying down, roots are partially on top of the SE BT. The biggest tree (NE BT) has a large root wad, but we do not find a hole large enough where it could have come from.

Since we cannot determine the location of the original BT's before they were uprooted we calculate the corner position by single proportion from the original position of the NE corner of Section 33 as found in this survey see notes Book Page and the NW Corner of Section 33.

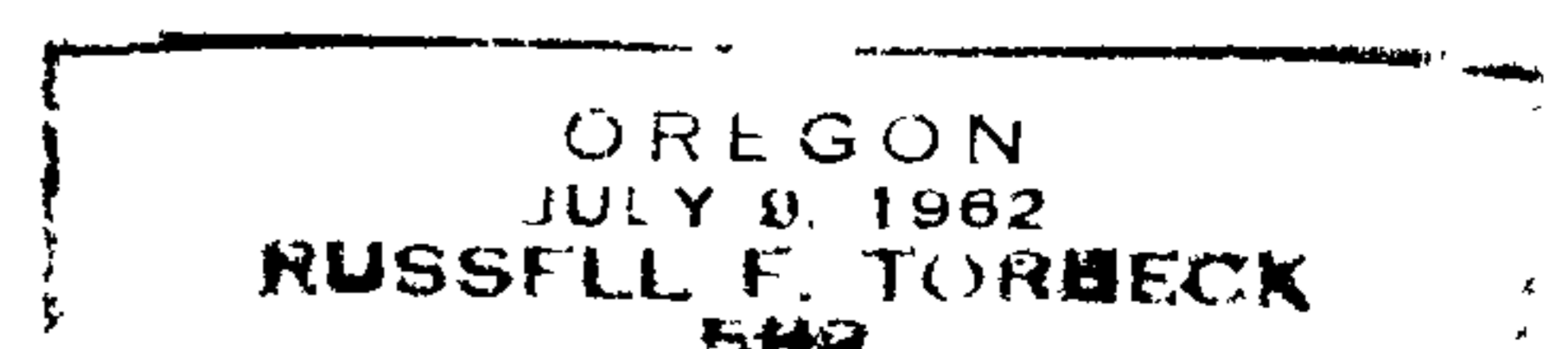
WE DO NOT REMONUMENT THIS CORNER.

PRESENT
Don Kegel
Bill Hales

SEE MAP M 113 - 20



Russell F. Torbeck



C.S. File No. 64/16

April 19, 1991

28	27	29-9
33	34	

This corner was originally established in 1856 by Dennis Hathorn.

Hathorn set a post and marked the bearing trees as follows:

12" Hemlock	N03°E	77.22 ft
12" Fir	S70°E	115.50 ft
15" Fir	S78°W	34.32 ft
24" Fir	N78°W	27.06 ft

In 1907 William Porter retraced the line between Sections 33 and 34 and found the post and two witness trees gone. He set a post 4"X4"X36" and marked the bearing trees as follows:

10" Maple	N80°E	13.86 ft
6" Fir (old Witness Tree)	S70°E	115.50 ft
12" Alder	S15°W	19.80 ft
30" Fir (Old BT)	N78°W	27.06 ft

In 1957 James Byron Deputy Douglas County Surveyor found 4"X4"X24" fir stake scribed for corner as set by Porter in 1907. Bears N70°W 2.0 ft from corner.

NE BT (No Description) but grown over, did not open

36" Fir (Dead Snag)	SE BT shows bark scribing
15" Dead alder	open, good scribing
48" Fir stump	should be N68°W? bark scribed

Byron says "All four BT's as recorded by Porter 1907 check for bearings except NW BT should be N68°W. All check for distance." (Why did Byron not state the bearings and distance)?

James Byron, Deputy Douglas County Surveyor set a Brass Cap at the corner and also marked the following BT's

10" Hemlock	S57°E	38.5 ft
14" Maple	S56°W	23.3 ft
15" White Fir	N54°W	54.6 ft

28		27	
33		34	29-9 Continued

We find 1" Galvanized iron pipe and brass cap leaning easterly 6" out of plumb due to an old log rolling on it.

We cut into the 60" fir stump in the NW quadrant (1856 BT by Hathorn) and find inverse impression of scribes on the overgrowth. Face of blaze is gone nothing left but rotten wood behind the overgrowth.

We drive Hub #29 in the approximate location of Byrons leaning Iron Pipe and Brass Cap. We tie this Hub 29 from Hub 28 by traverse of Solar Bearings and find the bearings and distance from Hub 28 to 29 to be $S30^{\circ}16'21''W$ 3147.06 ft.

Due to the extremely adverse route to the section corner we take our Sipes Sumner Magnetic Compass to the section corner location to tie the 2 remaining original 1856 BT's marked by Hathorn.

We set the compass over Hub 29 and sight Hub 28. We then adjust the declination vernier until the compass reads $N30^{\circ}16'E+$ to Hub 28 (our compass vernier now reads a declination of $18^{\circ}01'E+$).

With the compass and chain we tie $N67^{\circ}14'W$ 26.5 ft to face of old blaze (27.5 to centerline) reverse scribes in 60" fir stump (original 24"fir $N78^{\circ}W$ 27.06 ft.)

Also with compass and chain we tie $S73^{\circ}44'E$ 113.66 ft to centerline of 38" fir 10 ft high (original 12" fir $S70^{\circ}E$ 115.50 ft.)

We calculate the coordinates of the center of these 2 Original Bearing Trees.

Our experience indicates that in most cases the original contract surveyor's for the government measured to the face of original bearing trees. Therefore, we add 1/2 the diameter to original distance to calculate the corner position.

From the centerline of the northwest original 24" fir bearing tree we calculate $S78^{\circ}E$ 28.06 ft thence $S70^{\circ}E$ 116.0 ft to close on the original 12" fir bearing tree centerline.

28		27	
33		34	29-9 Continued

Since our calculated traverse of the original government survey does not close on our coordinates for the centerline of the original southeast bearing tree we use compass rule to adjust the original government bearings and distances to fit our coordinates of the original bearing trees.

From our calculated position of the section corner as calculated from the above compass rule adjustment.

The centerline of the Northwest Fir bearing tree bears N79°02'W 27.56 ft (original N78°W 28.06)

The centerline of the Southeast Fir Bearing tree bears S70°53'E 113.68 ft (original S70°E 116.00)

Our calculated position for the NE corner of Section 33 bears N17°31'E 5.66 ft from our random hub number 29.

Due to adverse weather and terrain and press of other project schedules WE DO NOT REMOUNUMENT THE CORNER.

PRESENT

Don Kegel
Bill Hales

SEE MAP M 113-20

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JUN 4 1991

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Russell F. Torbeck

OREGON
JULY 9, 1962
RUSSELL F. TORBECK
582

M 113-20

January 18, 1991

Declination 19°

	1/4	
33		34 29-9

Subdivision of Section 33 T.29S.,R.9W.

We find a 1" outside diameter galvanized iron pipe and brass cap as set by the Douglas County Surveyor (Vook 11 Page 373). Cap and pipe in good Condition.

Found Original BT	24" duffy Fir stump remains N89 $\frac{1}{4}$ °W 34.4 ft to estimated center (1856 Hathorn 18" Fir N88°W 52 lks=34.32')
-------------------	--

Found BT	16" Cedar S26°E 14.4 ft to center Blaze scar overgrown
----------	--

Found BT	28" Cedar, alive but sick looking N85 $\frac{1}{2}$ °W 22.0 ft to center Blaze partially overgrown, scribes plain
----------	---

No other BT's were found

PRESENT:
Don Kegel
Bill Hales

SEE MAP M 113-20

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JUN 4 1991

**COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.**

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Russell E. Torbeck

OREGON
JULY 9, 1962
RUSSELL E. TORBECK
542

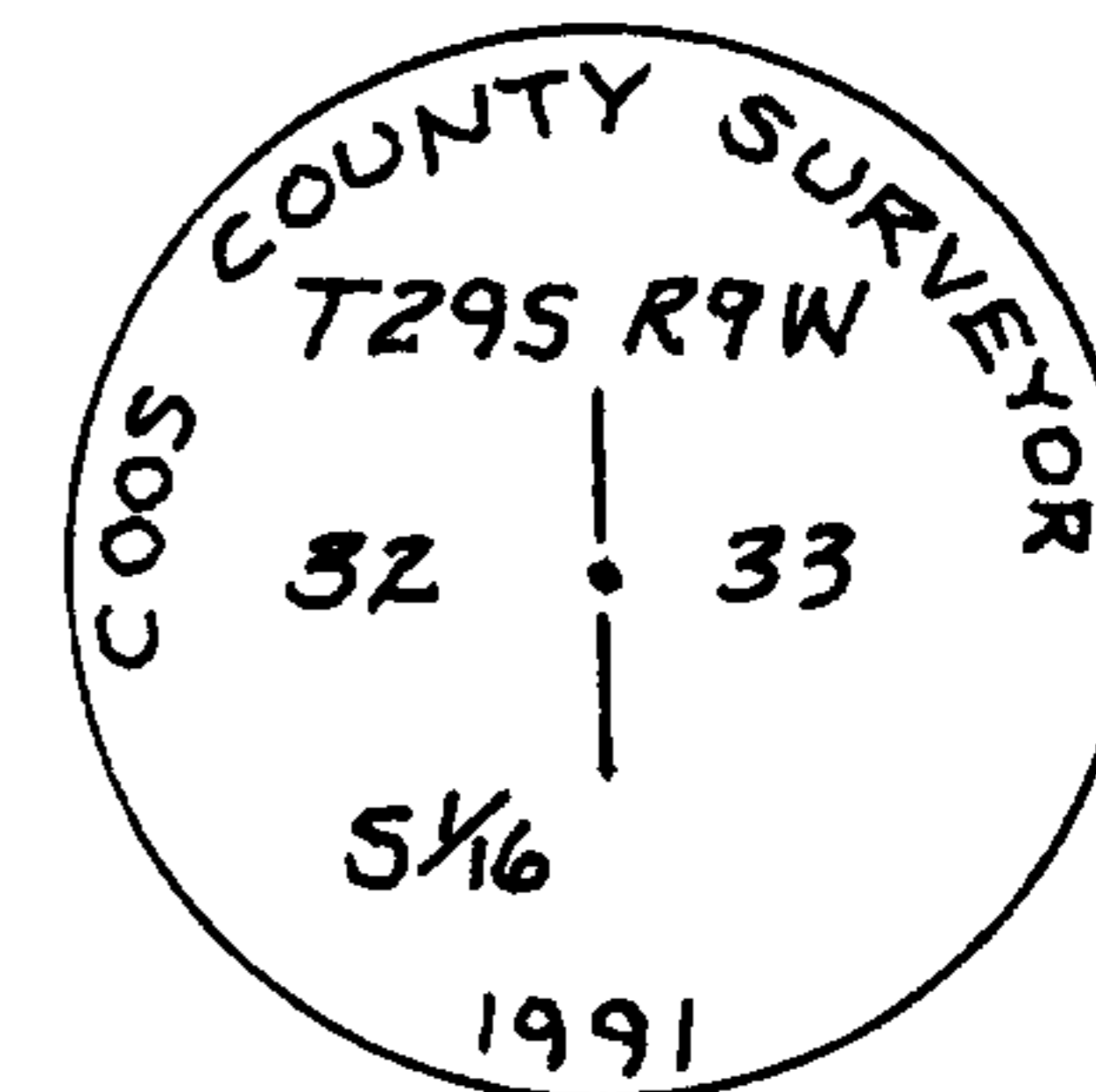
C.S. File No. 64/16

M 113-20

March 29, 1991

Section 33 T29S,R9W

Bearing: Solar



Subdivision of Section 33 T29S,R9W

New monument: Drive 2"X36" Galvanized iron pipe 6" under ground surface and cement in Brass Cap marked as shown above. Pipe is 2 ft South of toe of cut bank and 2 ft north of edge of road to Signal Tree Lookout. Set white iron fence post 3 ft north of cap.

New BT: 28" Hemlock Bears N20°15'W 25.9 ft to center
Blazed and scribed 1/16 S32 BT

15" Hemlock Bears N80°12'E 17.2 ft to center
Blazed and scribed 1/16 S33 BT

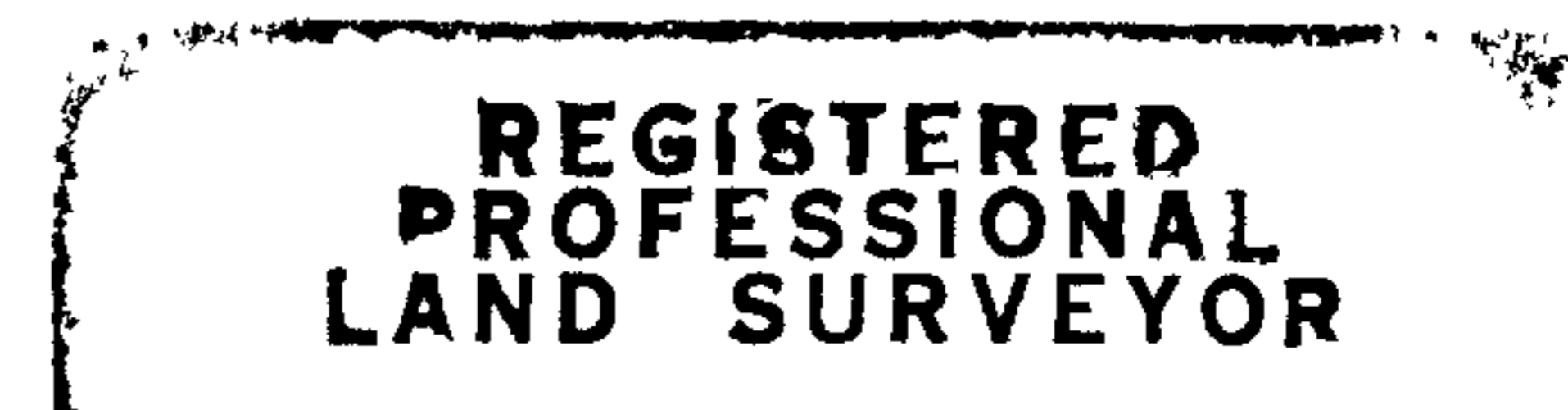
Present
Don Kegel
Bill Hales

SEE MAP M113-20

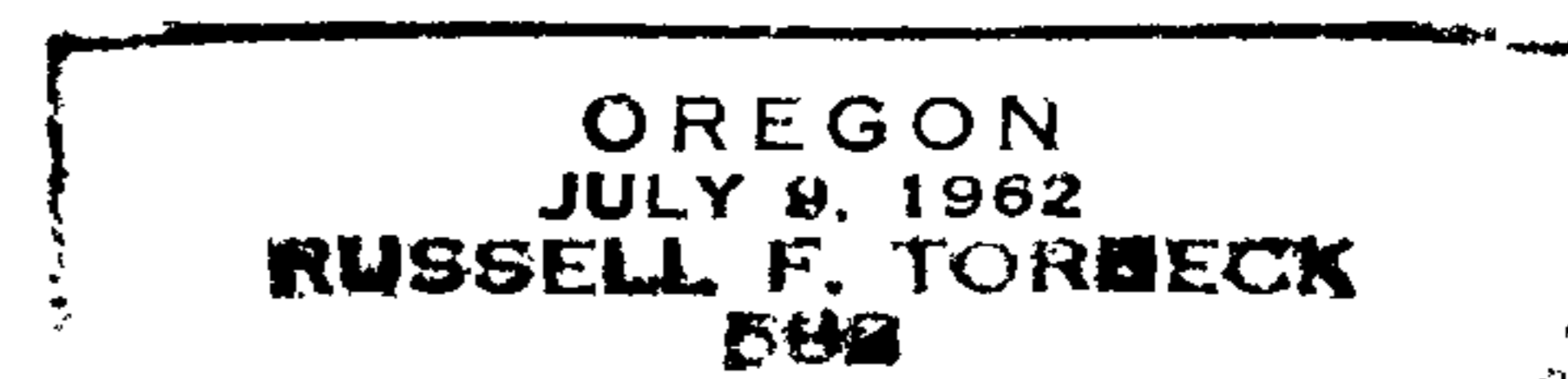
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JUN 4 1991

**COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.**



Russell F. Torbeck



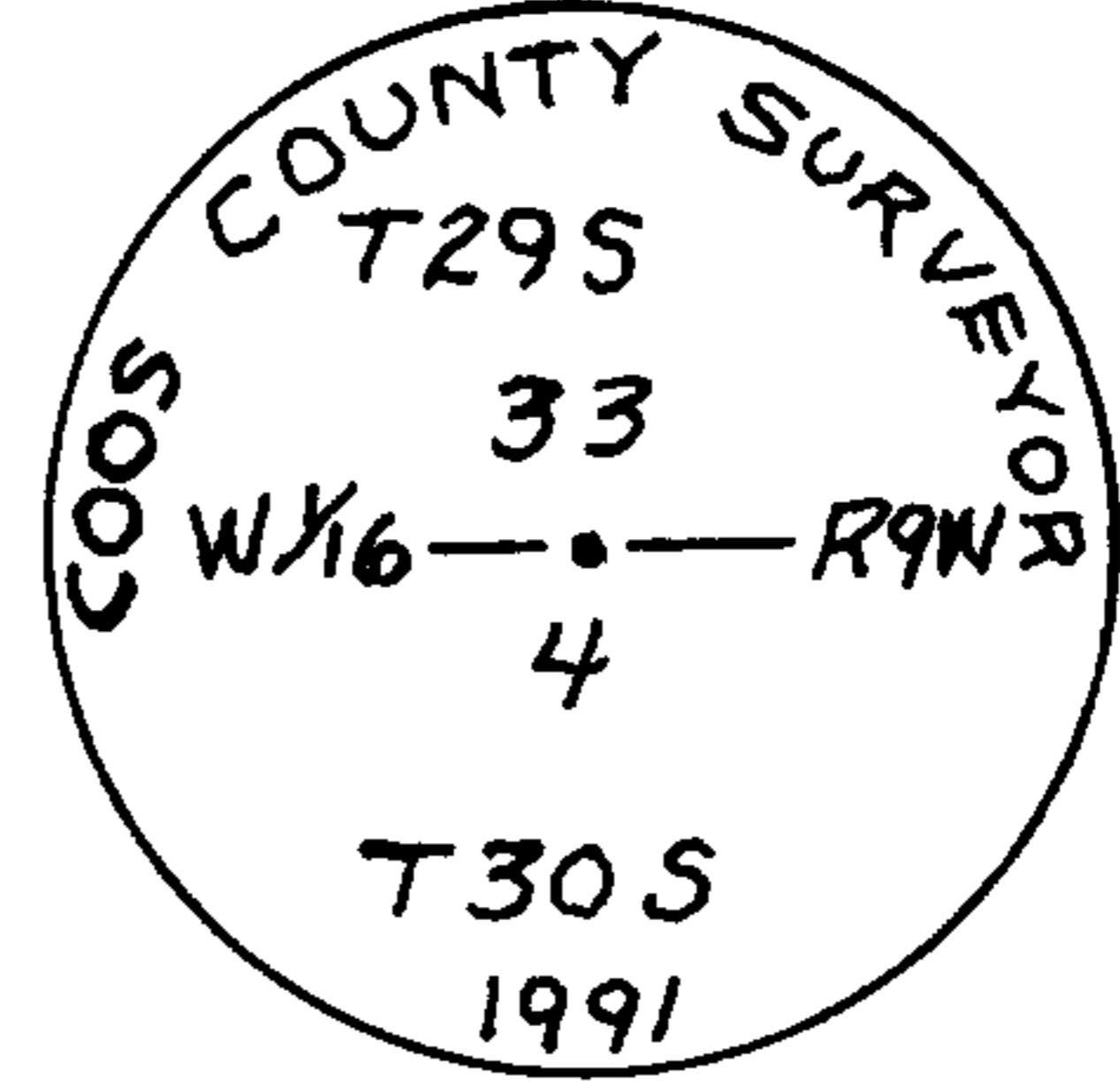
C.S. File No. 64/16

M 113-20

Mar 29, 1991

Section 33 29-9

Bearing: Solar



Subdivision Section 33 T29S, R9W

New monument: Drive 2"X36" galvanized Iron Pipe 34" into ground and cement in Brass Cap marked as shown above.

New BT: 13" Douglas Fir Bears S37°07'W 6.5 ft to center
Blazed and scribed 1/16 S4 BT

New BT: 11" Douglas Fir Bears N20°30'W 11.5 ft to center
Blazed and scribed 1/16 S33 BT

Present:
Don Kegel
Bill Hales
Carroll Warrick
William D. Ledbetter

SEE MAP M 113-20

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JUN 4 1991

**COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.**

**REGISTERED
PROFESSIONAL
LAND SURVEYOR**

Russell F. Torbeck

OREGON
JULY 9, 1962
RUSSELL F. TORBECK
592

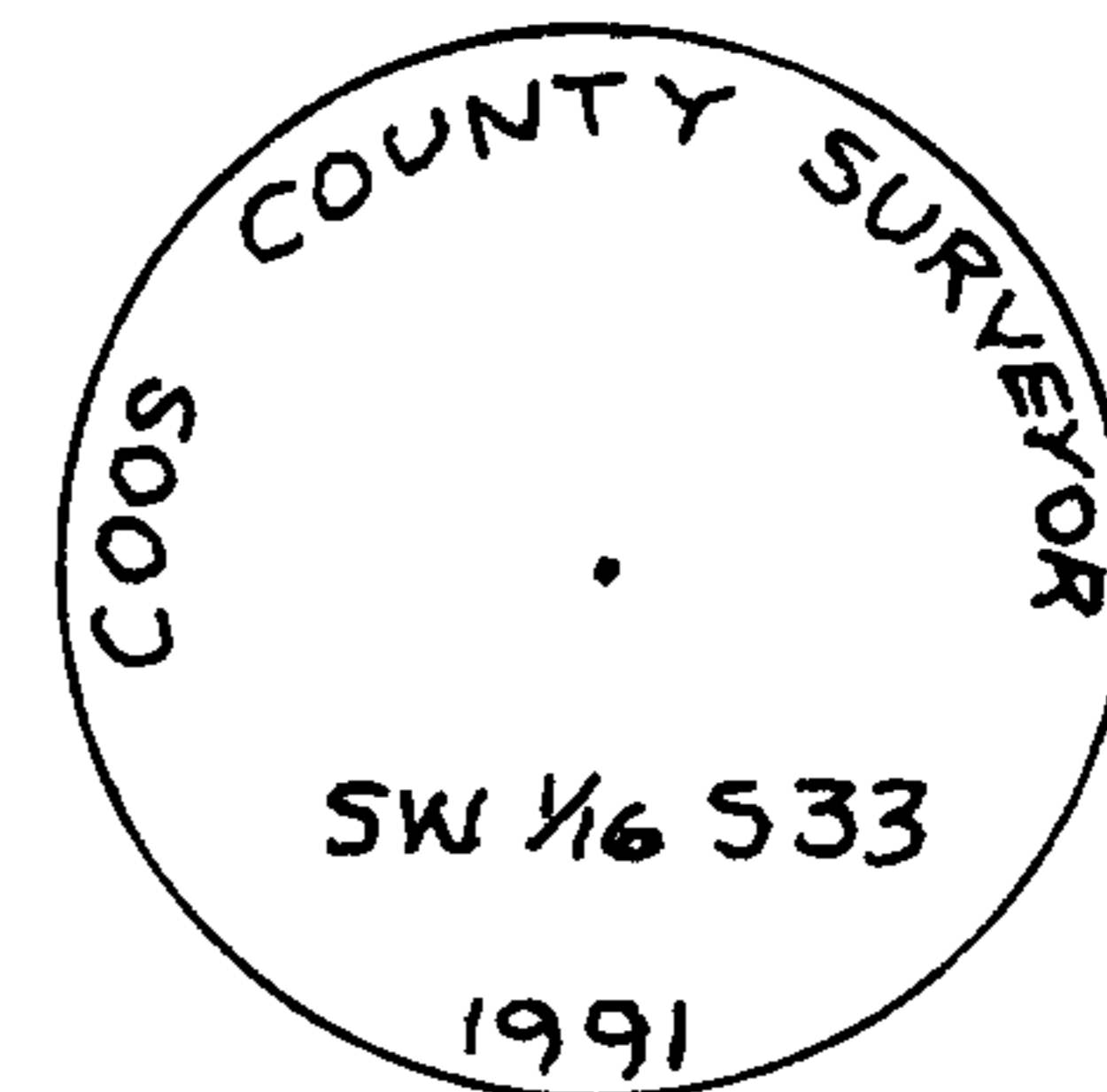
C.S. File No. 64/16

M 113-20

April 3, 1991

Sec 33 T29S,R9W

Declination 17°50'



Subdivision of Section 33 T29S,R9W

New Monument: Drive 2" X 3/8" Galvanized Iron Pipe 33" into ground and cement in Brass Cap marked as shown above.

New BT: 14" Douglas Fir Bears N52°20'W 10.7 ft to center
Blazed and scribed 1/16 S33 BT

New BT: 11" Douglas Fir Bears S18°45'W 19.5 ft to center
Blazed and scribed 1/16 S33 BT

Present:
Don Kegel
Bill Hales

SEE MAP M 113-20

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JUN 4 1991

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

REGISTERED
PROFESSIONAL
LAND SURVEYOR

Russell F. Torbeck

OREGON
JULY 9, 1962
RUSSELL F. TORBECK
582

C.S. File No. 64/16