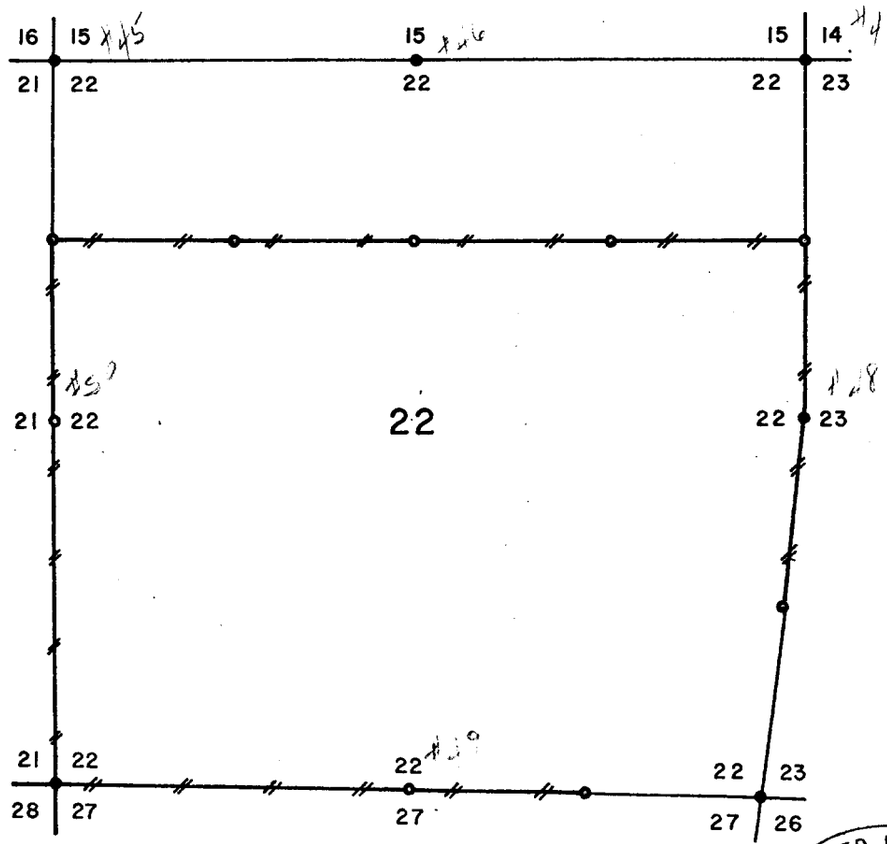
TRIANGLE ENGINEERING CO.

SURVEY OF

SECTION 22, TOWNSHIP 26 S, RANGE 8 W, W.M.



Lines Blazed

Corners Found

Corners Set

Transit and slope chain survey

This survey was made for Weyerhaeuser Company, North Bend, Oregon by Nick Juliano Oregon Professional Engineer, Reg. No. 3449

Helpers: Don Peel, Les Roberts and Steve Munsell

Date of survey: April 10 through May 8, 1972

Filed for record at Douglas Co. Surveyors Office, May 1972. Douglas County Surveyors File No. 55/251

Distribution:
Triangle Engineering Co.
Weyerhaeuser Company
Douglas Co. Surveyors Office

Reported May 1972

By Nick Juliano

REGISTERED PROFESSIONAL ENGINEER 3449 Nick Juliano OREGON MAY 8, 1953 NICK JULIANO

C. S. File No. 55/251

SUBDIVISION OF SECTION 22, TOWNSHIP 26 SOUTH, RANGE 8 WEST, WILLAMETTE MERIDIAN

The following corners were found and used for control:

¼ Corner common to Sections 15&22, T26S, R8W
¼ Corner common to Sections 22&23, T26S, R8W
Section Corner common to Sections 14,15,22&23, T26S, R8W
Section Corner common to Sections 15,16,21&22, T26S, R8W
Section Corner common to Sections 21,22,27&28, T26S, R8W
Section Corner common to Sections 22,23,26&27, T26S, R8W

Closed traverses were run for the subdivision and true line determination.

Bearings were based on solar observation.

The compass rule was used in balancing the closed traverses.

A closure of not less than 1 in 5000 was obtained, both for the chaining and angles.

SETTING PROPERTY CORNERS AND DETERMINATION OF THE TRUE LINE:

The center of section 22 was determined by the intersection of the N-S and E-W centerlines of said section. The ¼ corner common to sections 21&22 and the ¼ corner common to sections 22&27 were set by single proportional measurement. The N 1/16 corner between sections 21&22, the ctr. N 1/16 corner of section 22, the N 1/16 corner between sections 22&23, the S 1/16 corner between sections 22&23 and the S 1/16 corner between sections 22&27 were also set by single proportional measurement. The center of the NW¼ and the center of the NE¼ were determined by the intersection of the N-S and E-W centerlines of said quarters. All subdivisional corners were set by staff compass and chain using a declination of 20 degrees.

Offsets in the cardinal direction were calculated from each control hub to the true line. A staff compass line was run between the offsets. Trees on both sides of the true line were marked with two blazes angled toward the true line. A notch was cut in each blaze. 2" x 3" aluminum property line tags were periodically nailed to trees along the true line.

C. S. File No. 55/25465

REFERENCE METHOD:

All corners were referenced by the Weyerhaeuser Method:

A "W" nail was driven low in a tree. An embossed aluminum plate was nailed head high on the same tree with 8d aluminum nails. Stamped on the plate is the bearing and distance from the "W" nail to the corner. All BT's were scribed.

CORNER DATA:

$\frac{16|15}{21|22}$ Section Corner common to Sections 15,16,21&22, T26S, R3W

GLO Survey Record:

Post		
30" Fir	N83E	29 lks
10" Myrtle	S47E	58 lks
7" Dogwood	S53W	85 lks
30" Fir	N58W	17 lks

Evidence Found:

Post gone		
50" Fir	N83E	19.1' (Scar Visible)
12" Myrtle	S47E	38.3' (Rotted Face)
Ground Depression	N58W	11.2'

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT's.

44" Fir	S61W	79.9'
14" W. Fir	N78W	35.5'
22" Hemlock	S44E	53.6'

$\frac{15}{22}$ ¼ Corner common to Sections 15&22, T26S, R3W

GLO Survey Record:

Post		
14" Fir	N44W	46 lks
16" Cedar	S68W	12 lks

Evidence Found:

16" Fir Stump	N45W	30.4' (Scribe Visible)
18" P. O. Cedar	S62W	7.9' (Scar Visible)

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT.

22" P. O. Cedar	N25E	32.0'

C. S. File No. 55/251

15 | 14
22 | 23 Section Corner common to Sections 14,15,22&23, T26S, R8W

GLO Survey Record:

Post		
18" Fir	N41E	38 lks
18" W. Fir	S25E	46 lks
12" Fir	S51W	42 lks
12" Fir	N22½W	66 lks

Evidence Found:

24" Fir	N41E	25.1' (Scar Visible)
Rotted Stump	S25E	30.4'
20" Fir (Downed)	S51W	27.7' (Scar Visible)
16" Fir (Downed)	N22½W	43.6' (Scar Visible)

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT's.

8" Hemlock	S15W	26.1'
16" Hemlock	S63E	19.5'
8" Hemlock	N61W	30.7'

22 | 23 ¼ Corner common to Sections 22&23, T26S, R8W

GLO Survey Record:

Post		
10" Fir	N25W	32 lks
12" Fir	N30E	15 lks

Evidence Found:

24" Fir (Snag)	N30E	9.9' (Rotted Face)
28" Fir (Snag)	N25W	21.1' (Scribe Visible)

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT's.

22" Fir	S66E	9.5'
30" Fir	N57W	3.9'

NOTE:
Face of 24" BT in NE quadrant badly rotted. Small portion of smooth face and ax marks still visible. Face of 28" BT in NW quadrant also badly rotted. However by chopping a hole in back of BT a small part of positive scribe is visible.

C. S. File No. 55/251

22 | 23
27 | 26 Section Corner common to Sections 22,23,26&27, T26S, R8W

GLO Survey Record:

12" Fir	N35W	135 lks
14" Fir	N62E	260 lks
Fir	S61W	155 lks
Fir	S05½E	170 lks

Resurvey Record:(1955):

Set steel car jack for corner

15" Fir	N41½E	11.2'
17" Fir	S61E	15.7'
17" Fir	S64W	29.8'
16" Fir	N40W	14.8'

Evidence Found:

Steel car jack - REN # 2

48" Fir Stump	S61W	102.3' (Scribe Visible)
16" Fir	N41½E	11.2' (Scribe Visible)
13" Fir	S61E	15.7' (Scribe Visible)
20" Fir	S64W	29.3' (Scribe Visible)
18" Fir	N40W	14.8' (Scribe Visible)

No new references set.

22/27 ¼ Corner common to Sections 22&27, T26S, R8W

GLO Survey Record:

Post

"X" Cut on Rock	S41W	20 lks
"X" Cut on rock	N45W	14 lks
8" Fir	S75E	66 lks

Evidence Found:

Could find no evidence of "X" on rocks or of 8" BT.

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT's.

16" Fir	N43½W	3.6'
20" Fir	S01W	25.0'

21 | 22
28 | 27 Section Corner common to Sections 21,22,27&28, T26S, R8W

GLO Survey Record:

Post		
30" Fir	N43E	36 lks
40" Fir	S40E	91 lks
30" Fir	S44W	40 lks
48" Fir	N56W	87 lks

Resurvey Record (1959)

Set 36" x 2" iron pipe.

8" Chinquapin	N09E	31 lks
9" Chinquapin	N62W	43 lks
15" Fir	S55E	46 lks
22" Fir	S15W	70 lks

Evidence Found:

2" x 36" iron pipe - REN. #6

8" Chinquapin	N09E	20.4' (Scribe Visible)
10" Chinquapin	N62W	23.4' (Scribe Visible)
14" Fir	S55E	30.4' (Scribe Visible)
20" Fir	S15W	46.2' (Scribe Visible)

No new references set.

21 | 22 ¼ Corner common to Sections 21&22, T26S, R8W

GLO Survey Record:

Post		
8" Fir	N51E	88 lks
8" Fir	N44W	90 lks

Evidence found:

Could find no evidence of 8" Fir BT's.

Set 1½" iron pipe with brass cap. Referenced with "W" nails and plates. Scribed BT's.

24" Fir	S25E	47.3'
32" Fir	N04W	54.5'

C. S. File No. 55/2515

N 1/16
21|22 North 1/16 corner between Sections 21&22, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

22" Fir	S89E	11.0'
22" Fir	N57W	36.1'

Ctr. of NW¼ Center of NW¼ of Section 22, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

36" Fir	S24W	10.4'
44" Fir	N49E	23.2'

Ctr. N 1/16 Center N 1/16 corner of Section 22, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

10" Hemlock	S32E	15.6'
16" Fir	N50E	14.8'

Ctr. of NE¼ Center of NE¼ of Section 22, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

10" Hemlock	N37W	8.7'
28" Incense Cedar	S50W	27.7'

N 1/16
22|23 North 1/16 corner between Sections 22&23, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

24" D. Fir	N30W	15.7'
24" D. Fir	N85E	23.7'

C. S. File No. 55/251C

S 1/16
22|23 South 1/16 corner between Sections 22&23, T26S, R8W

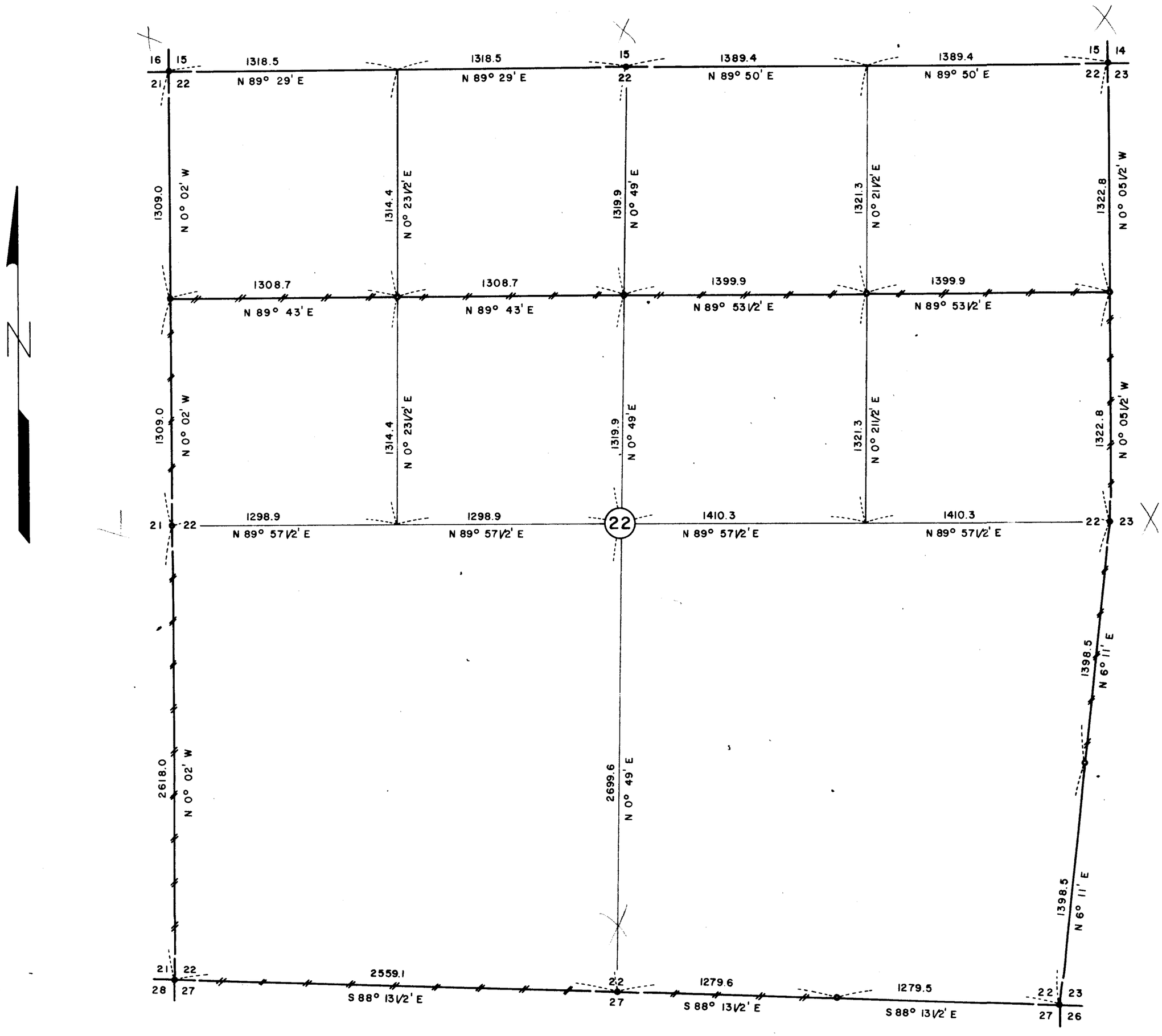
Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

12" Fir	S68E	5.0'
18" Fir	N18W	22.8'

E 1/16
22/27 East 1/16 corner between Sections 22&27, T26S, R8W

Set 3/4" x 30" iron pipe. Referenced with "W" nails and plates. Scribed BT's.

16" Madrone	S07W	21.2'
26" Fir	N28W	22.6'



SURVEY OF
SECTION 22, TOWNSHIP 26S, RANGE 8W, W.M.
FOR
WEYERHAEUSER COMPANY

REGISTERED PROFESSIONAL ENGINEER
3449
Nick Juliano
OREGON
MAY 8, 1953
NICK JULIANO

BEARINGS BASED ON SOLAR OBSERVATION
SCALE 1" = 500' MAY 1972

LEGEND

LINES BLAZED ——//——

CORNERS FOUND ●

CORNERS SET ○

CS 55/251