

142 30

$\frac{30 \text{ p } 29}{31 \text{ p } 32}$

See Cor 0.15 S. of orig pro.

Come back in spring to put
in new mon. - digging very
hard

T142N R30W
Sec 31

<u>STA</u>	<u>Vert. & (if over 10°)</u>	<u>COR STA</u>	<u>offsets to T.L.</u>
------------	----------------------------------	----------------	------------------------

0+00

+

+

+

1/15/81

B. Olson

AP2 TR1692

S 89° 50' W

E 1/6 S 30
S 31

AP2 TR1692

90° 13'

pt ①

Natl.
Forest

pt ②

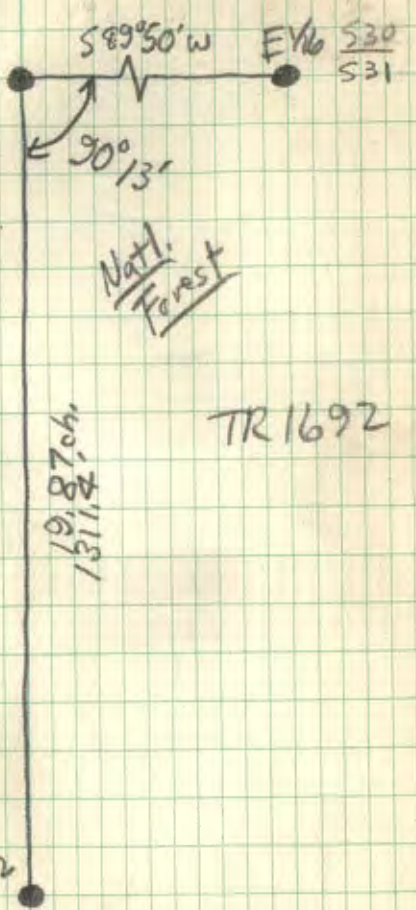
pt ③

N 0° 03' E

19,87 ch.
1311.8

TR1692

AP3 TR1692



T142N R30W
Sec. 31

Vert & cor. offsets

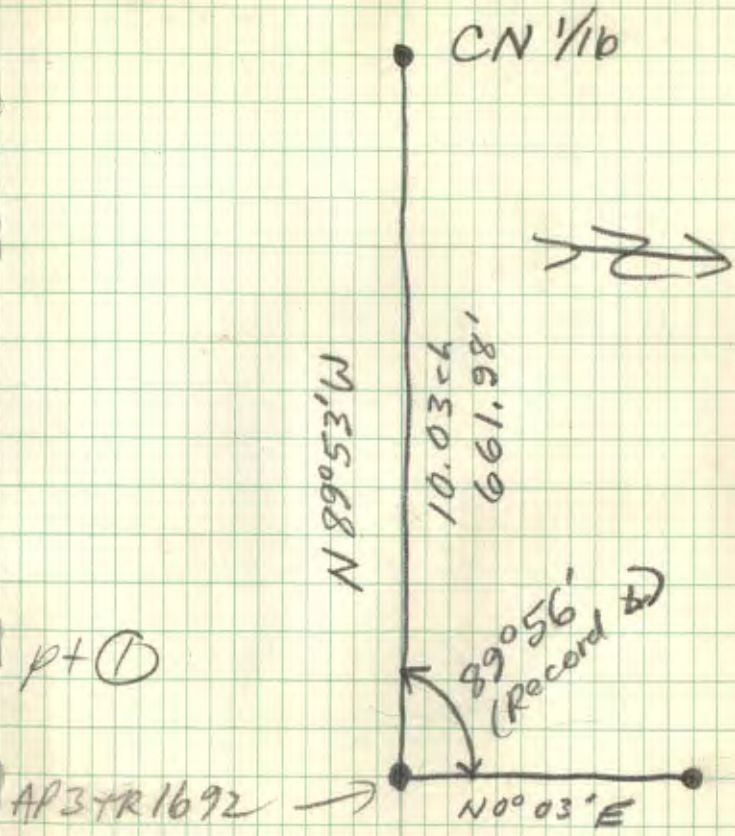
STA (if over 100) STA. to T. L.

+

0+00

1/15/81

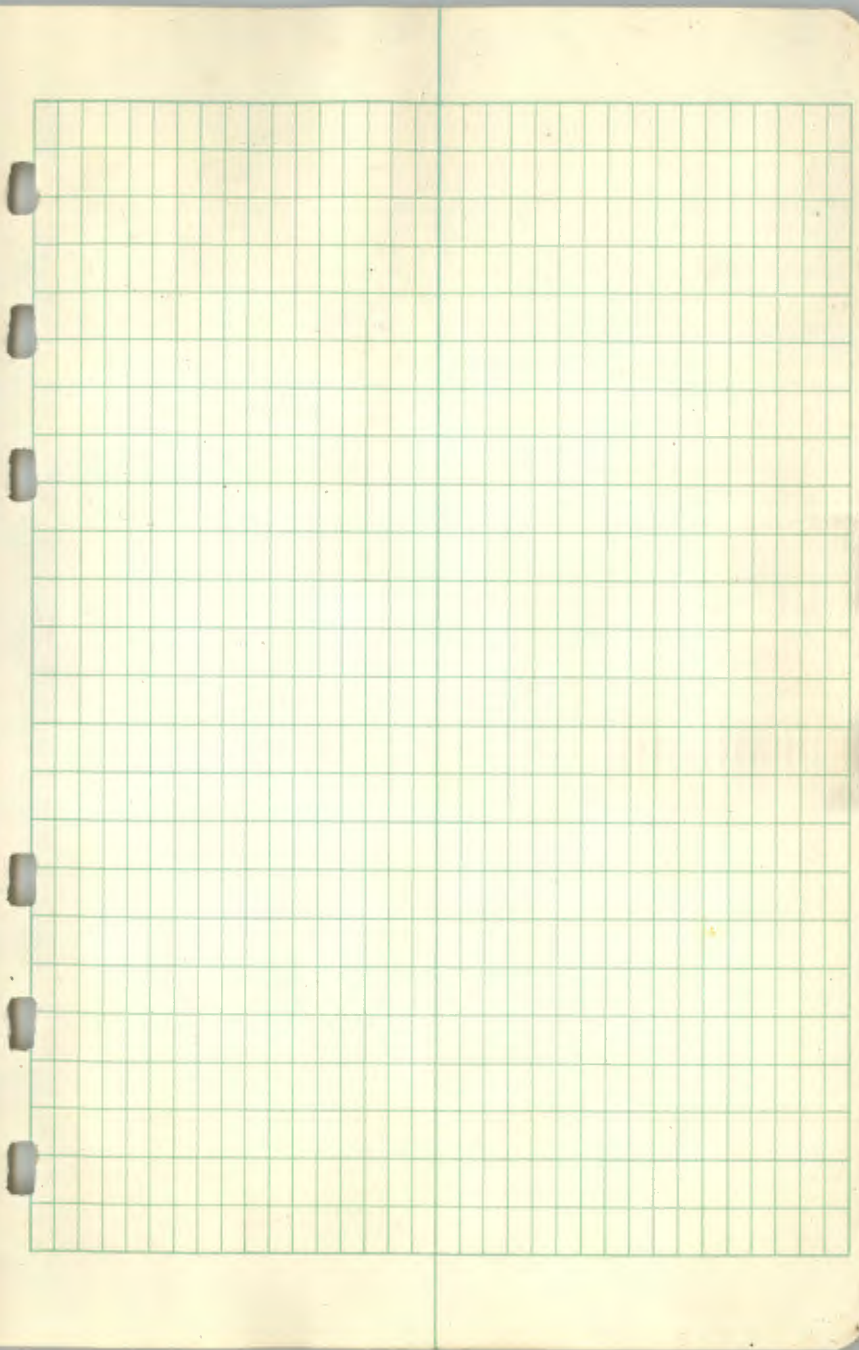
B. Olson K



No. 302

Get the Best
WEATHERPROOF

J. L. DARLINS CORP.
TACOMA, WASH. U.S.A.



T141N R27W

Sec. 19, 20

(if over 10°) COR offsets

STA Vert. x STA to T.L.

7+60

3.47' N ✓

6+00

2.84' N ✓

3+70

1.42' N ✓

1+50

0.46' N ✓

0+00

— ✓

2+00

0.52' S

4+00

1.05 S ✓

6+80

1.80' S ✓

9/29/80

B. Olson &
M. Fallgren
D. Holsten
D. Dougherty

1

HIT 3.47'S. ON RANDOM.

A.P. 1 TR. 1556 1919

A.P.

pt ③

pt ②

pt ①

1/4 COR

pt ①

pt ②

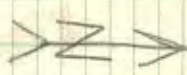
A.P.

A.P.

HIT 1.80' NORTH

N 73° 06' W

11.52 ch
769.3



U.S.A.

← Dropped 1 Wood Post
#6 STEEL POSTS

1/4 S 19 | S 20

163057'
(RECORD 5)

N 89° 09' W

10.45 ch
689.7

U.S.A.

2

T141N R27W
Sec 20

(if over 10°) COR OFFSETS

STA. Vert. & STA TO T.L.

0+00

—

DO NOT
POST
1/8 Mi.

3+00

0.23'N

5+80

NOT
MOVED
YET

→

0.44'N

6+90

0.53'N ✓

0+00

— ✓

4+20

0.24'S

WOOD
POST

8+20

0.46'S

11+20

0.63'S ✓

14+00

0.79'S ✓

No. 302

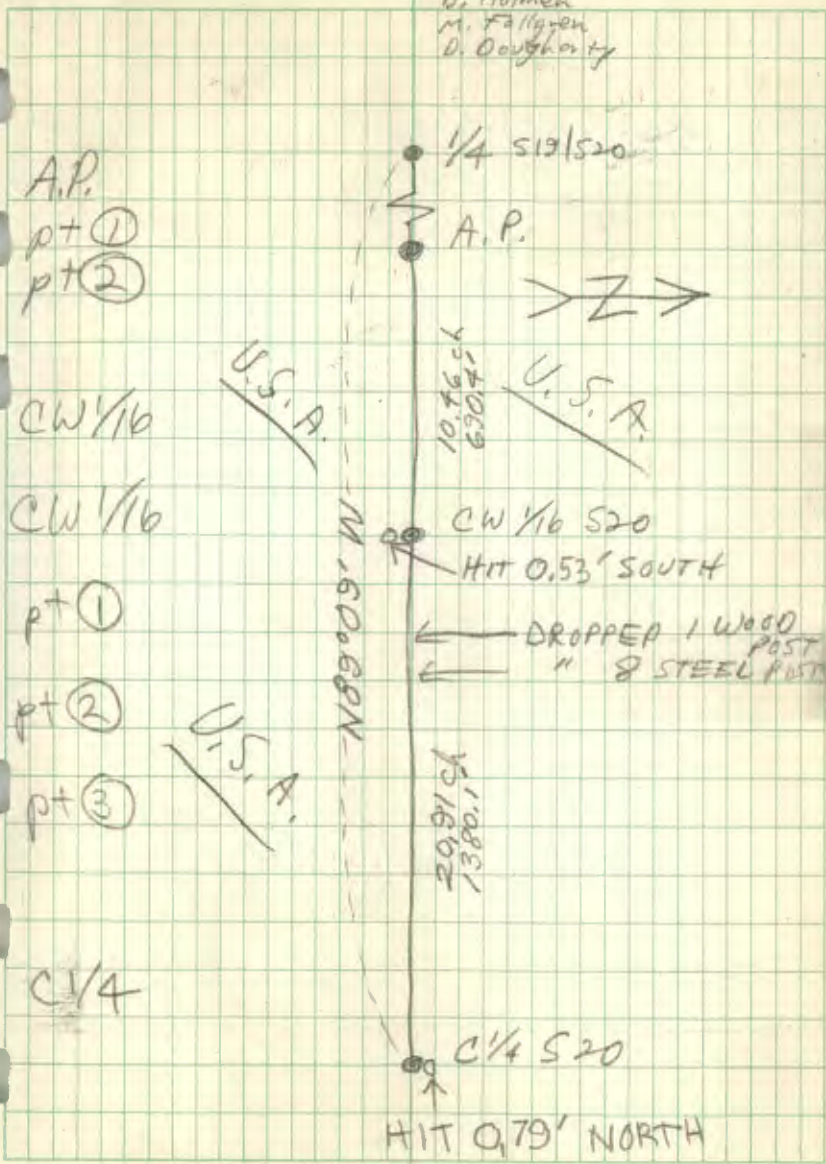
Weatherproof

J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

9/30/80

B. Olson
C. Marjama
D. Holmen
M. Fallgren
D. Dougherty

2



3

T141M R27W

Sec 20

(if over 10') COR OFFSETS

STA Vert 4 STA TO T.L.

0+00

—

✓

3+20

0.27'W

5+70

0.48'W

8+70

0.73'W

✓

1990

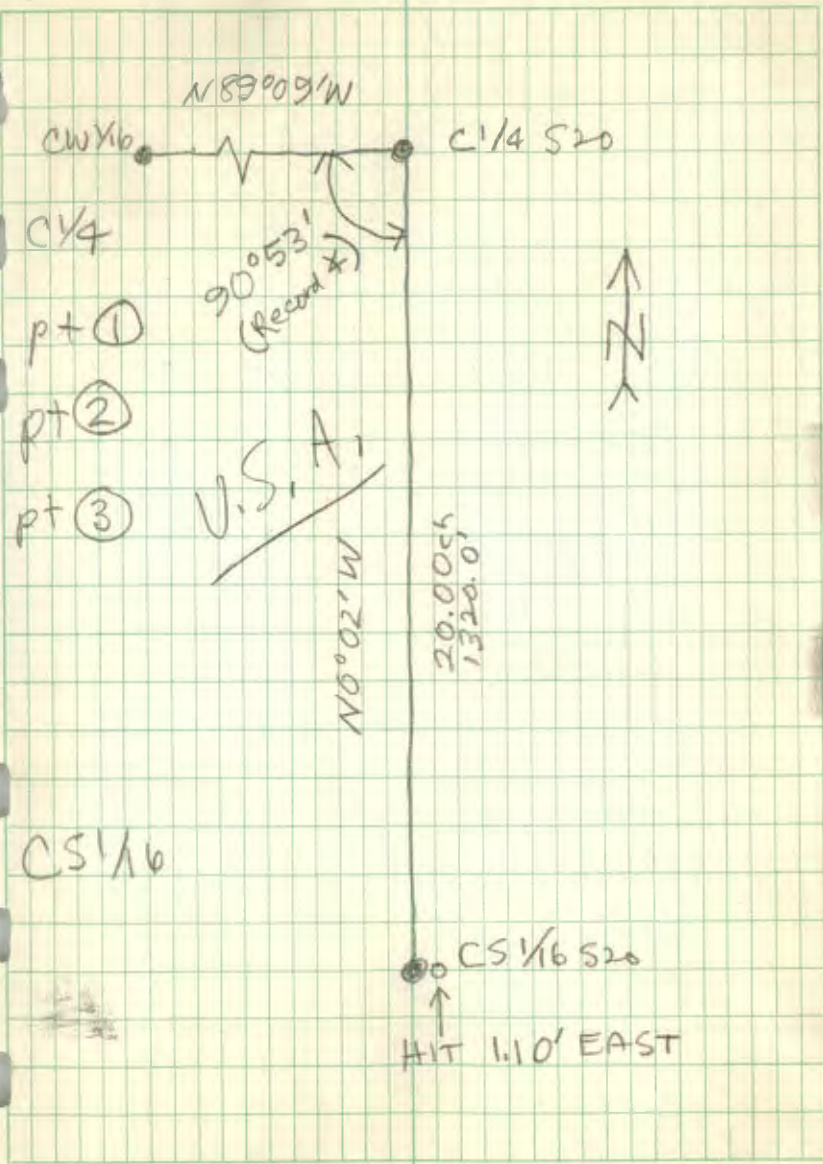
13+20

1.10'W

✓

9/20/80 & 10/1/80 B. OLSON T

3



4

T141N R27W
Sec. 20STAoffsets
TO T.L.

0+00

—

✓

3+20

1.41'S

7+30

3.21'S

10+80

4.75'S

11+80

5.20'S

← Not
moved
yet

13+80

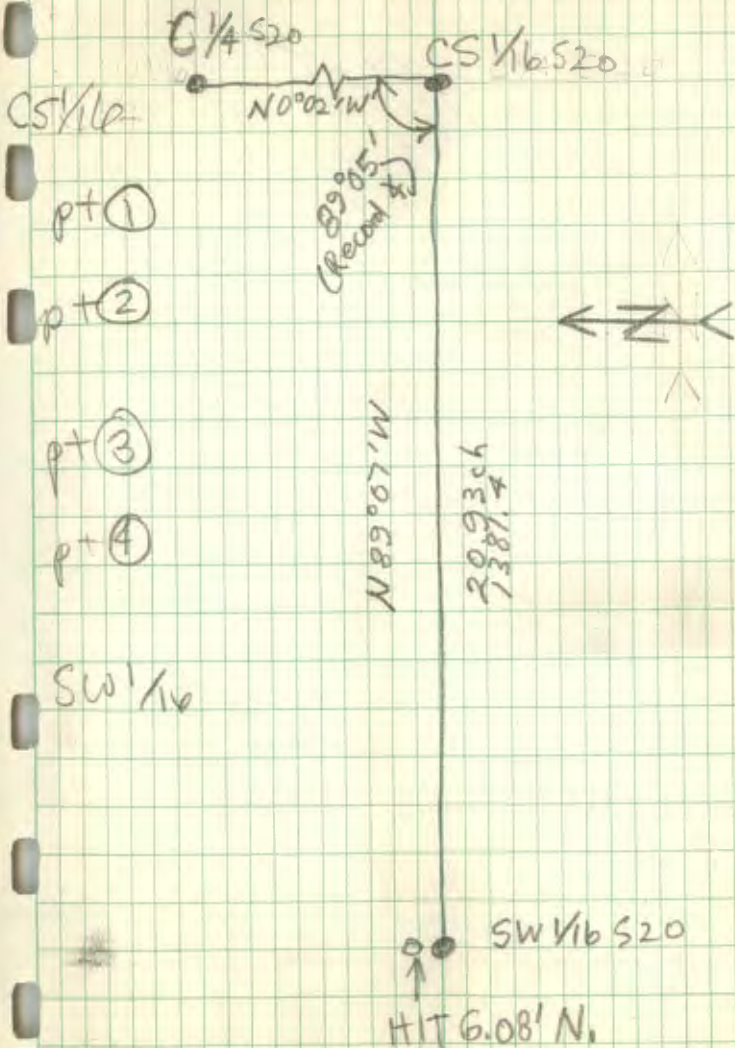
6.08'S

✓

10/1/80

B. Olson T
D. Holmch
D. Dougherty
M. Fitzgerald
C. Marjama

4



5

T141N R27W
Sec. 20

STA

VOID

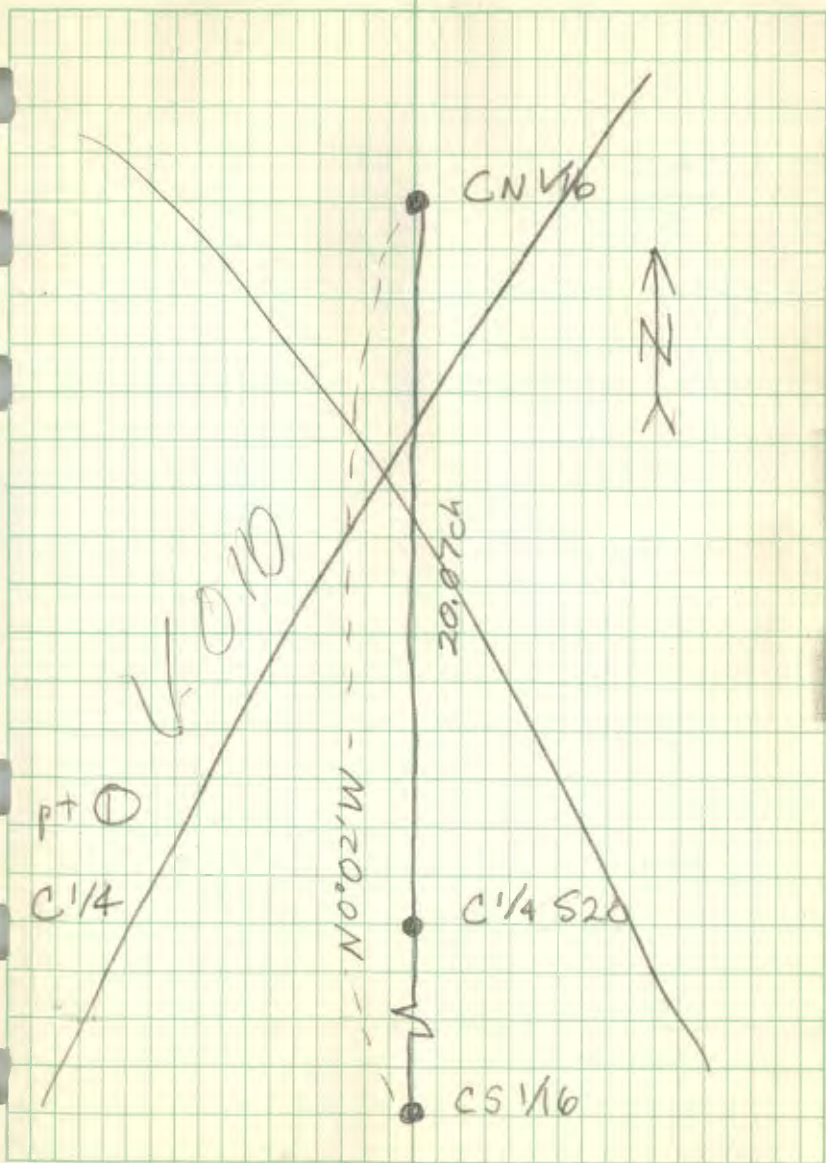
+

0+00

10/2/80

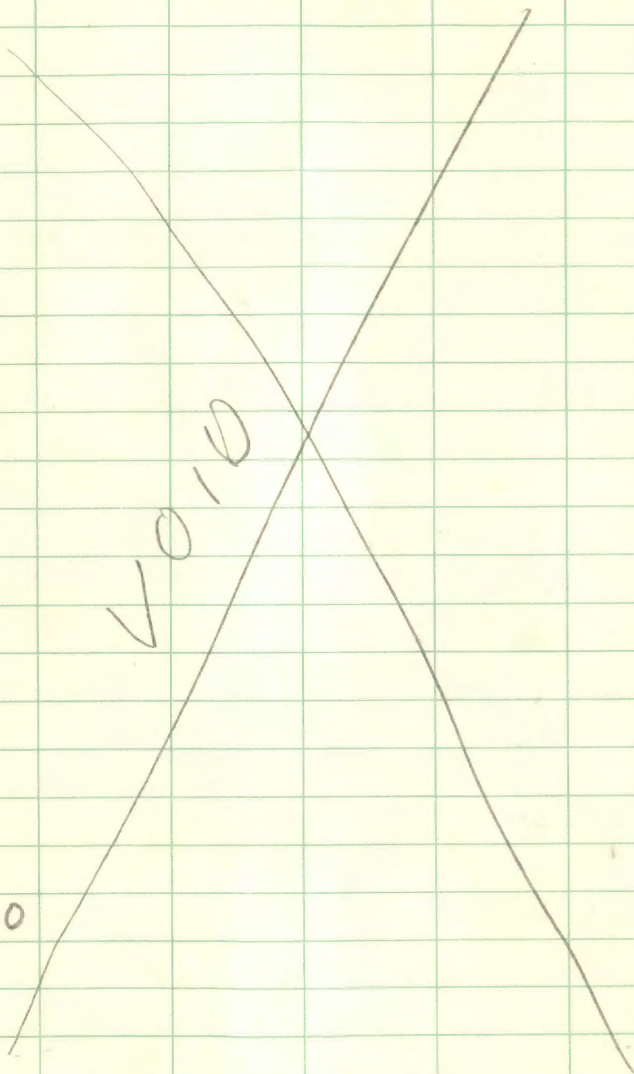
B. Olson

5



6

T141N R27W
Sec. 20



No. 302

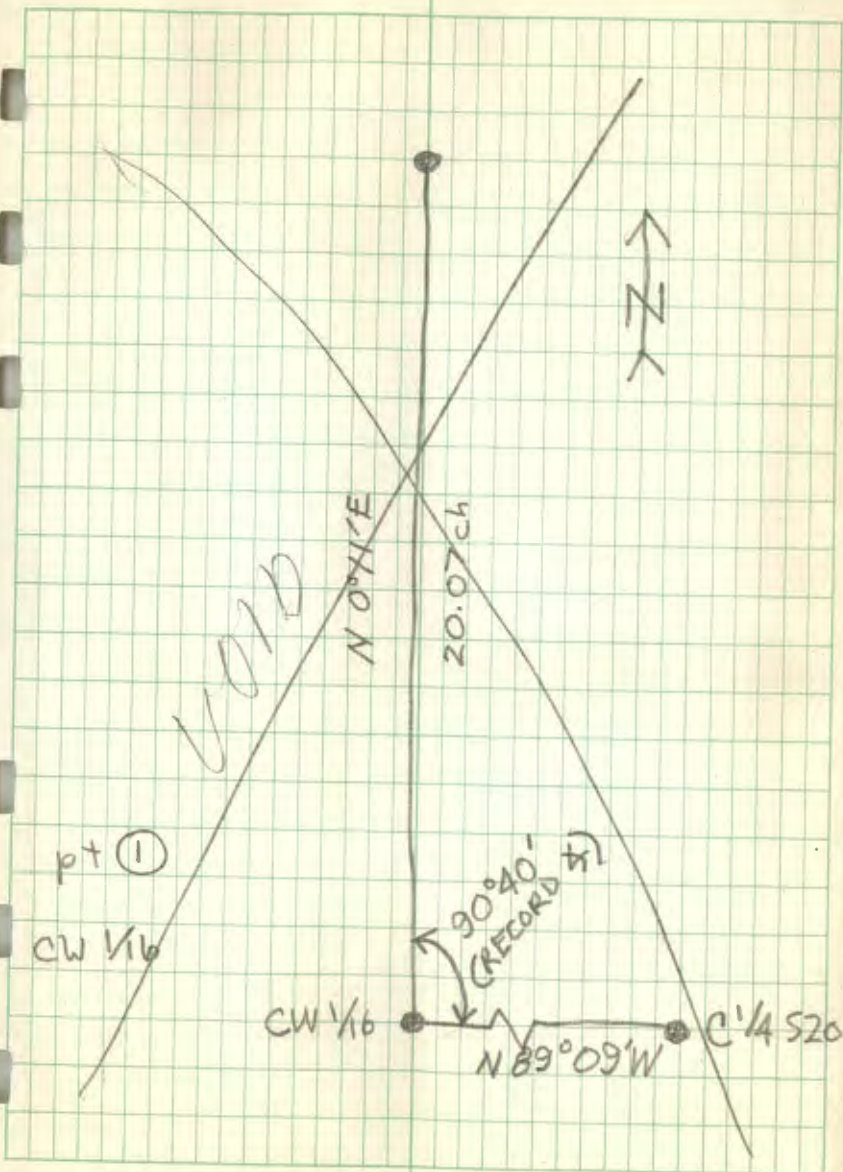
Get the Best
WEATHERPROOF

J. L. BARKING CORP.
TACOMA, WASH. U.S.A.

10/180

B. Olson

6



7

T141N R27W
Sec. 19

(f over 100) COR. OFFSETS

STA. Vert. x STA. TO T, L.

0+00

—

✓

1+50

0.05'W

4+00

0.14'W

7+70

0.28'W

10+90

0.36'W

✓

13+20

0.48'W

✓

No. 302

Get the Best
WEATHERPROOF

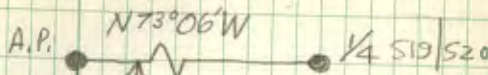
J. L. DARLING CORP.
YAKOMA, WASH., U.S.A.

10/2/80

Wet, Windy, Cold

B. Olson &
C. Marjamaa
D. Holmen
D. Dougherty
M. Falkgren

7



A.P.

pt ①

pt ②

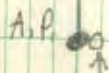
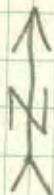
pt ③

pt ④

A.P.

$N0^{\circ}14'E$

20.13 ch



HIT 0.48' EAST

8

T141N R 27W

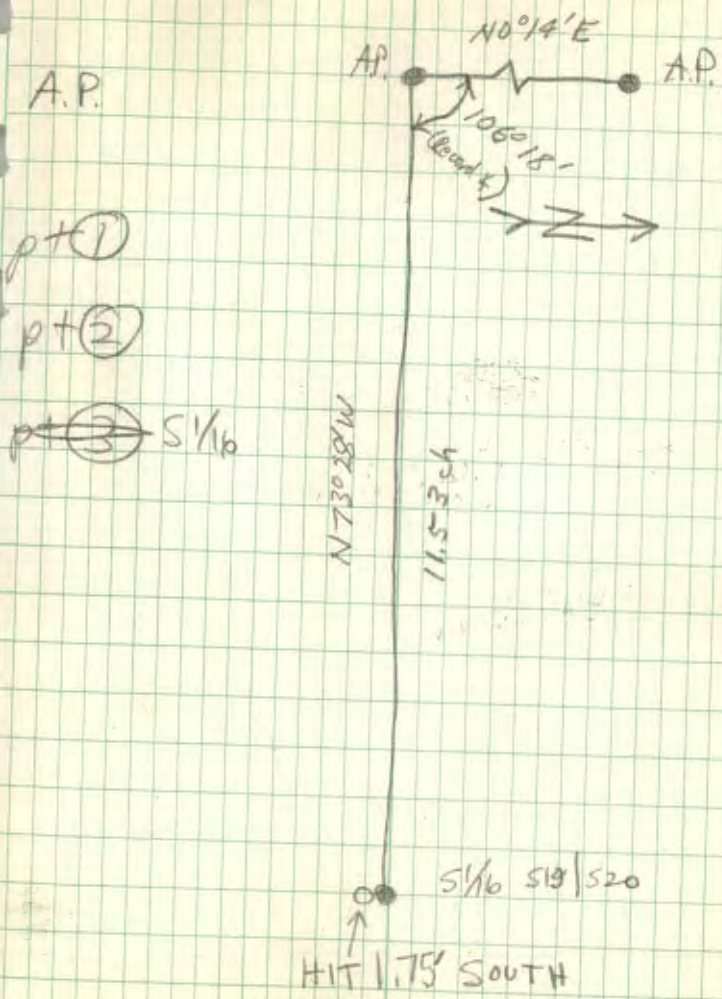
Sec. 19

<u>STA</u>	<u>Offsets</u> <u>to T.L.</u>	
0+00	—	✓
1+20	0.28'N	← WOOD POST
3+90	0.93'N	✓
7+ 30 ⁴⁰	1.75'N	✓

10/6/80

B. O'CONNOR

8



9

T141N R27W
Sec 19 & 20
29 & 30

STA

0+00

— ✓

2+20

0.07'W

7+00

0.21'W

10+50

0.32'W ✓

13+20

0.40'W ✓

0+00

— ✓

4+10

0.30'W

WOOD
POST

6+90

← 0.50'W ✓

No. 302

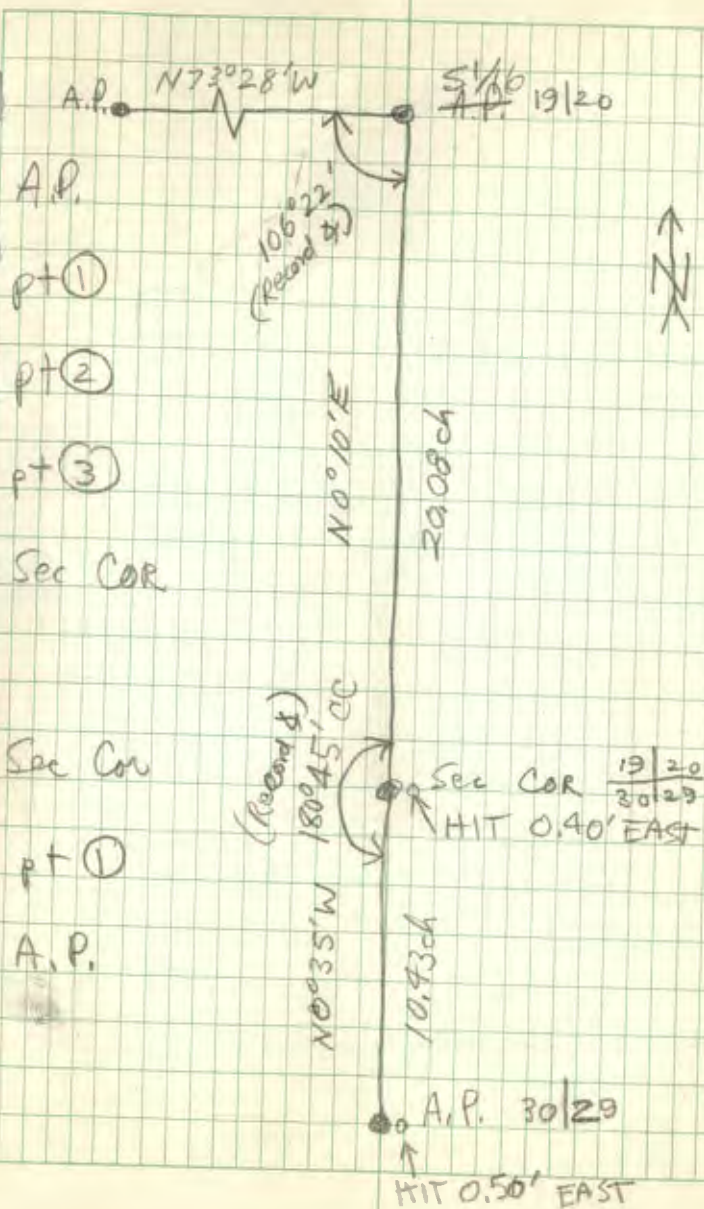
Big & the Name
WEATHERPROOF

J. L. BARKING CORP.
TACOMA, WASH. U.S.A.

10/6/80

B. Olson X

9



A.P.

pt ①

pt ②

pt ③

Sec Cor

Sec Cor

pt ①

A.P.

A.P. 30/29

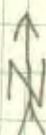
HIT 0.50' EAST

Sec Cor 19/20

HIT 0.40' EAST

(Record &)
180°45' CC

106°22'
(Record &)



10

T141N R27W

Sec 30

offsets

to T.L.

STA

~~0+00~~

+

15+40

0.93'S

✓

12+90

0.75'S

✓

9+90

0.60'S

7+80

0.47'S

3+80

0.23'S

0+00

— ✓

10/7/80

B. Olson

10

HIT 6.93' NORTH

A.P.

pt ①



A.P.

23.23 ch

N 73° 34' W

pt ④

pt ③

pt ②

pt ①

12° 59' (Record &)

N 0° 35' W

A.P.

A.P.

Sec Cor

19/20
30/29

11

T141N R27W
Sec 30offsets
to T.L.STA

0+00

— ✓

2+60

2.33'W ~~✓~~NOT moved
← YET

4+50

3.40'W

6+90

6.13'W ✓

0+00

— ✓

2+60

0.11'W

6+80

0.29'W

10+40

0.46'W ✓

+3+70

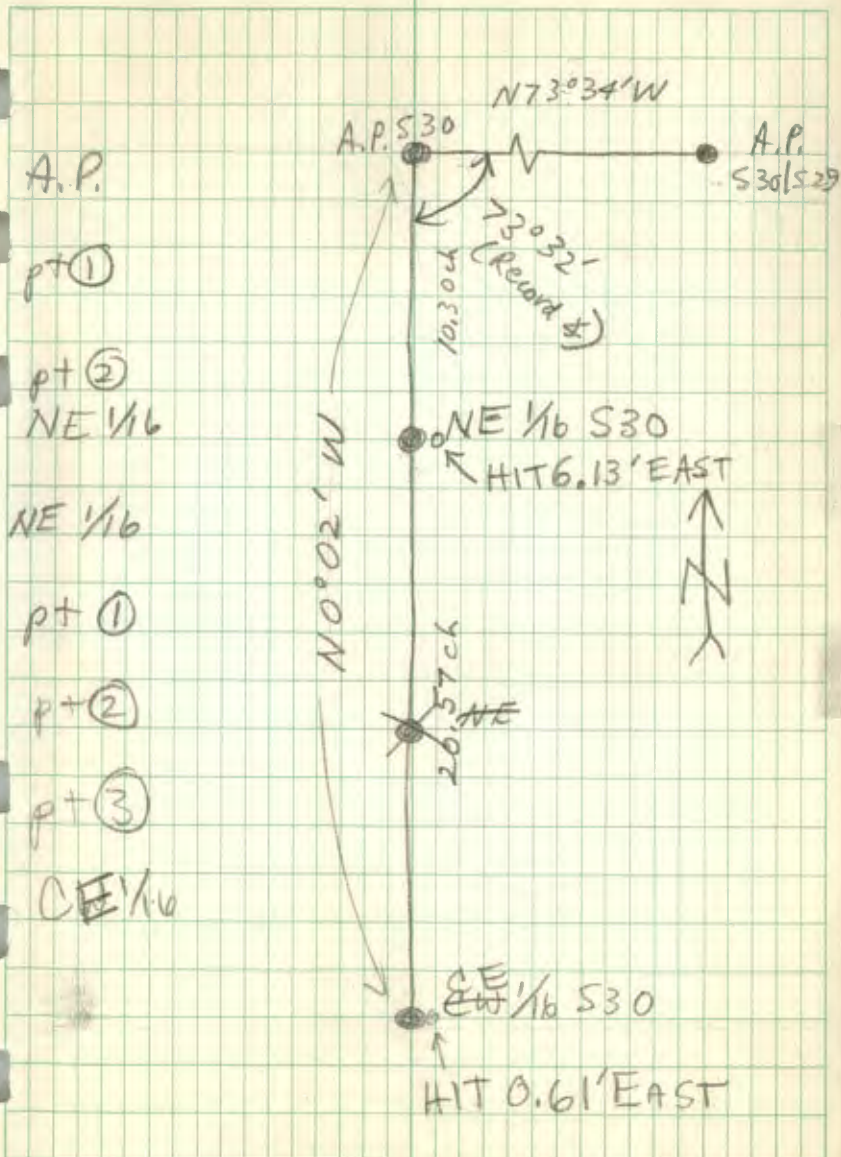
14+10

0.61'W ✓

10/8/80

Bolson T

11



12

TRAIN R27W

Sec 30

(if over 100) COR OFFSETS

STAVert. X.STATO T.L.~~0+00~~

15+80

0.46'S

✓

12+30

0.36'S

8+20

0.24'S

6+20

0.18'S

3+40

0.10'S

0+00

—

✓

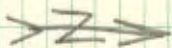
10/8/80

B. Olson T

12

HIT 0.46' NORTH

C 1/4 S30



C 1/4 S30

pt ④

pt ③

pt ②

PT ①

N 72° 54' W

28.70 ch

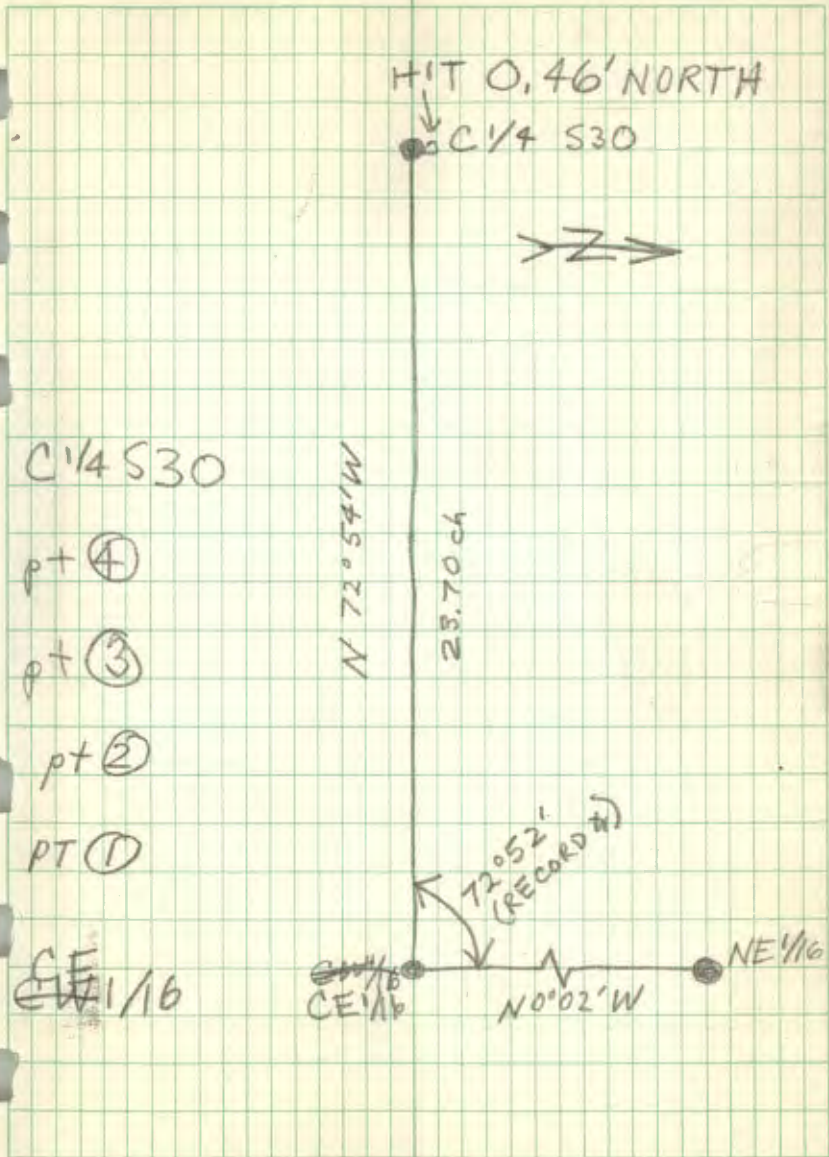
72° 52' (RECORD #)

~~CE 1/16~~

CE 1/16

N 0° 02' W

NE 1/16





13

T141N R27W
Sec. 18

offsets

STA to T.L.

0+00 — ✓

2+95 0.07's 8+55 0.20's 

11+15 0.26's ✓

14+75 0.34's ✓

10/28/80

B. OLSON

13

AP 3 TR 1743

pt ①

pt ②

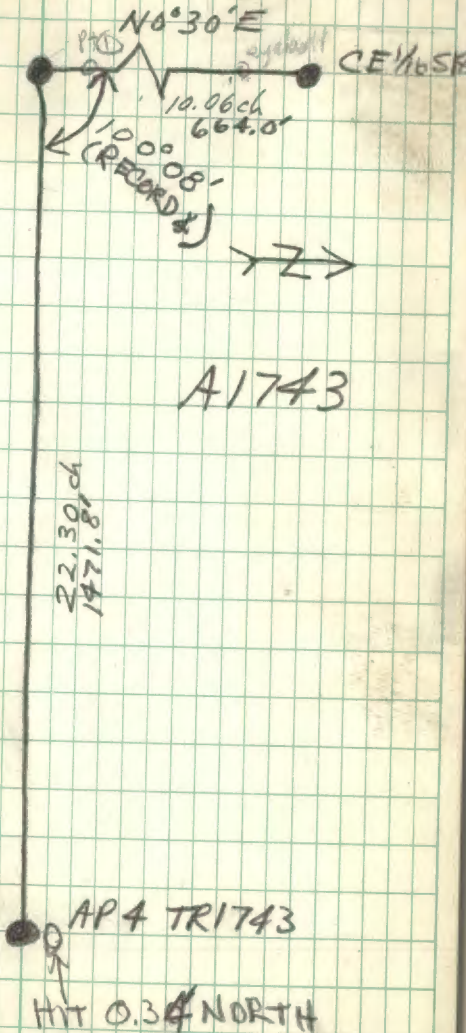
pt ③

AP 4 TR 1743

N 79° 22' W

22.30 ch
1471.8'

A 1743



14

T141N R27W
Sec. 18

Offsets

STA to T.L.

6+95 1.53'E ✓

5+30 1.17'E ✓

2+90 0.64'E

0+00 — ✓

10/29/80

B. Okon T

14

HIT 1.53 West

1/4 Cor 18/17



1/4 Cor 18/17

N 0° 24' E

10' 48" ch
69' 11" ch

pt (2)

pt (1)

79° 46' (Record +)

AP 4 TR 1743


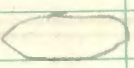

N 79° 22' W

AP 3 TR 1743

AP 4 TR 1743

15

TRAIN R27W
Sec 18

<u>STA</u>	<u>OFFSETS</u> <u>TO T.L.</u>	
14+60	3.94'S	✓
9+40	2.52'S	
6+50	1.75'S	
3+00	0.81'S	
0+00	—	✓

10/30/80

B. OLSON

15

HIT 394' NORTH

CE 1/16 518

CE 1/16



p+3

p+2

p+1

N 00° 28' W

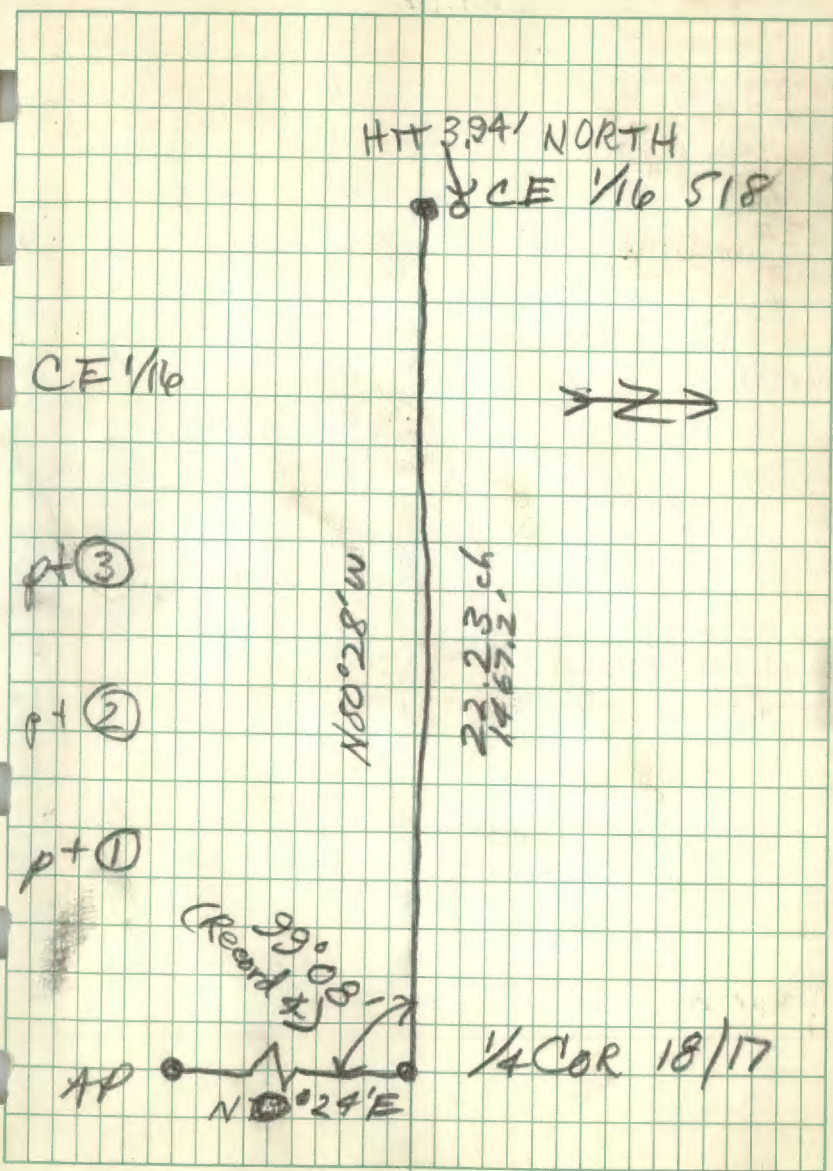
22.23 ch
14.67.2'

99° 08' 7
(Reord 4)

AP

N 00° 24' E

1/4 COR 18/17



16

T141N R27W
Section 20Vert ~~2~~ COR offsetsSTA. if over 10° STA to T.L.

13+30

3.37'W ✓

12+30

3.12'W ✓

9+90

2.51'W ✓

8+20

2.08'W ✓

7+00

1.77'W ✓

4+10

1.04'W ✓

1+30

0.33'W ✓

0+00

0 ✓

~~0+100~~

11/17/80

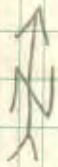
B. OLSON

16

HT 3.37' EAST
NW 1/4 S20

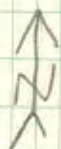
NW 1/16

pt 6



pt 5

~~U.S.A.~~



pt 4

offset

A1369

N 0° 11' E

2007 ch

A1461

pt 3

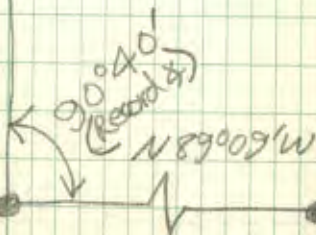
offset

pt 2

pt 1

CW 1/16

CW 1/16 S20



C 1/4

17

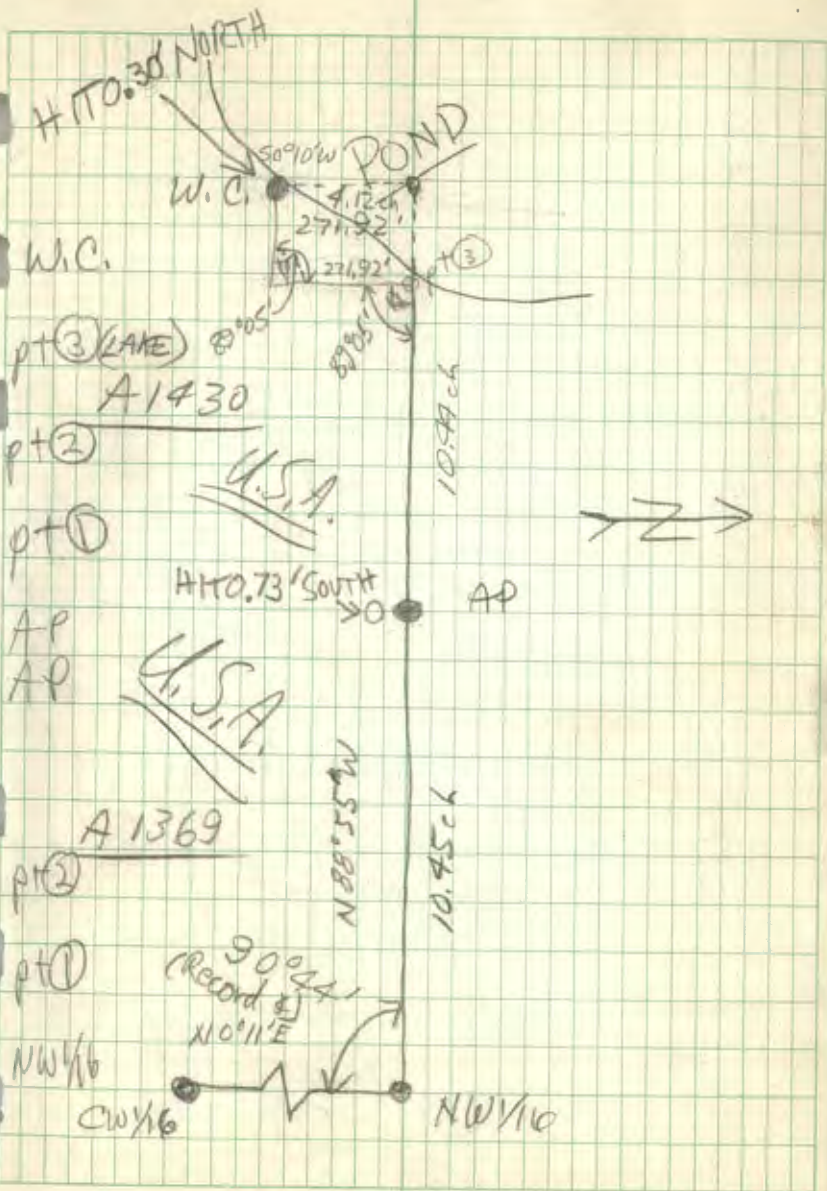
T/41N R27W
Section 20

<u>STA</u>	<u>offsets to T.L.</u>
6+90	0.30'S ✓
5+80	0.25'S ✓
5+10	0.22'S ✓
2+80	0.12'S ✓
0+00	0 ✓
7+00	0.73'N ✓
4+30	0.45'N ✓
1+00	0.10'N ✓
0+00	0 ✓

11/18/80

B. OLSON T

17



18

 T141N R 27W
 Section 20

<u>STA</u>	<u>offsets</u> <u>to T.L.</u>	
0+00	0	✓

3+30

0.39'S

✓

5+50

0.65'S

✓

6+90

0.82'S

✓

0+00

✓

1+80

0.03'S

✓

4+70

0.07'S

✓

6+90

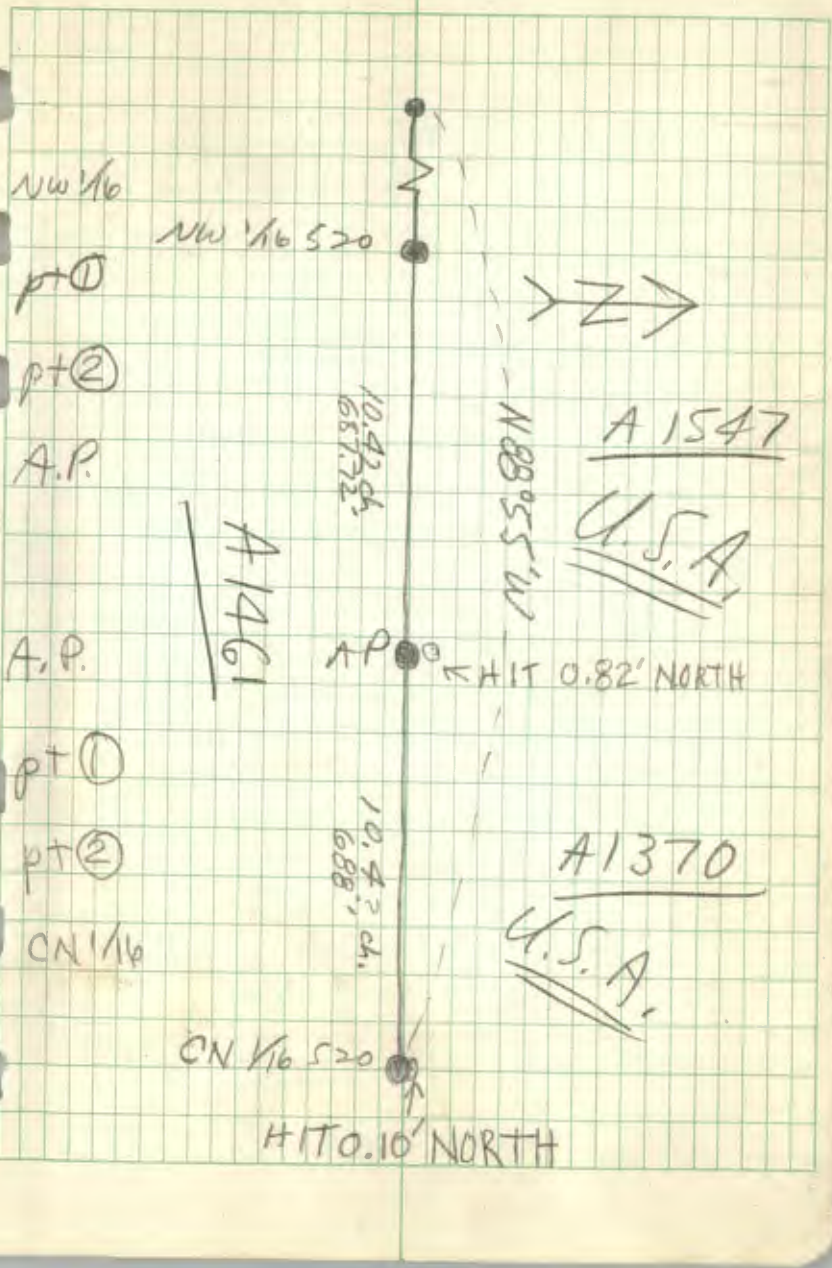
0.10'S

✓

11/18/20

B. Olson

18



19

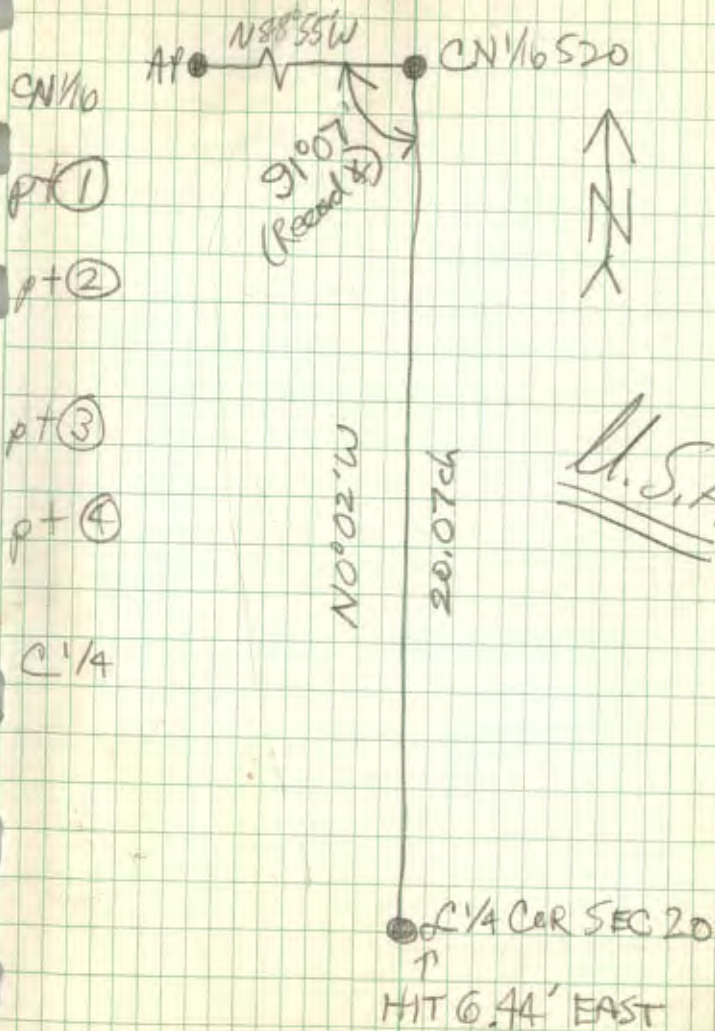
T141N R27W
Section 20

<u>STA</u>	<u>offsets</u> <u>to T.L.</u>
0+00	0 ✓
1+90	0.92' W ✓
5+10	2.48' W ✓
9+80	4.76' W ✓
12+20	5.93' W ✓
13+25	6.44' W ✓

11/18/80
11/19/80

B. Olson

19



20

T141N R27W
Section 20

<u>STA</u>	<u>Offsets to T, L.</u>
0+00	0 ✓
2+90	0.22'W ✓
5+20	0.40'W ✓
6+70	0.52'W ✓
0+00	0 ✓
2+30	0.13'E ✓
4+60	0.26'E ✓
6+60	0.38'E ✓

11/19/80

R. OLSON T

20

SE 1/4

CE 20' 1/4 S20

pt ①

pt ②

A.P.

A.P.

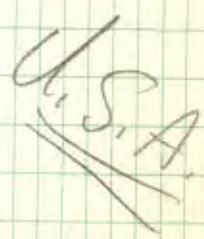
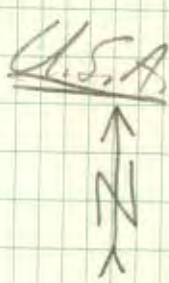
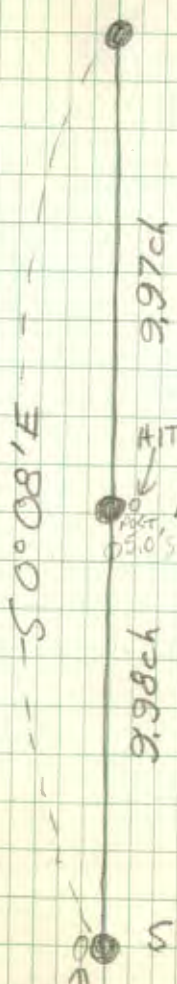
pt ①

pt ②

SE 1/4

SE 1/4 S20

HIT 0.38' WEST



21

T14N R27W
Section 19

offset
to T.L.

STA

7+50

— ✓

~~4+70~~
5+70

— ✓ WOOD POST

~~1+20~~
3+10

— ✓

0+00

— ✓

No. 302

Get the Best
WEATHERPROOF

J. L. GARLINS CORP.
TACOMA, WASH., U.S.A.

11/20/80

B. Olson

21

SIGHTED FROM ONE COR. TO OTHER

~~A.P. (1/64)~~
~~SIGHTED~~

A.P. (1/64)

PT ②

~~U.S.A.~~

N 74° 34' W

11,390 ft
7517'

→ Z →

~~U.S.A.~~

PT ①

NE 1/6

NE 1/6 519

22

T141N R27W
Section 19Offsets
to T.L.STA

0+00

0

✓

2+50

no. 40' W
~~at~~

✓

6+60

~0.80' W

✓

10+10

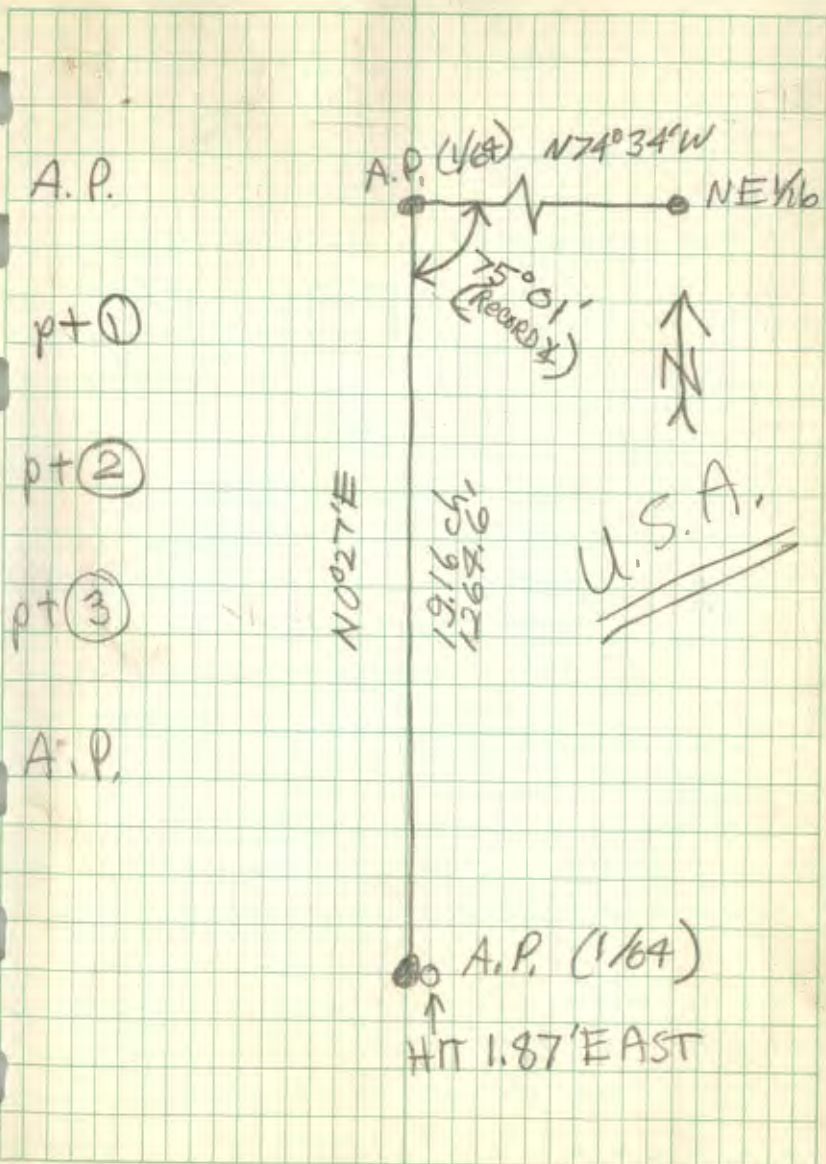
1.43' W

✓

12+80

1.87' W

✓



23

T141N R27W
Section 19

offset
to T.L.

SFA

0+00

0



3+30

0.32'N



6+10

0.59'N



7+40

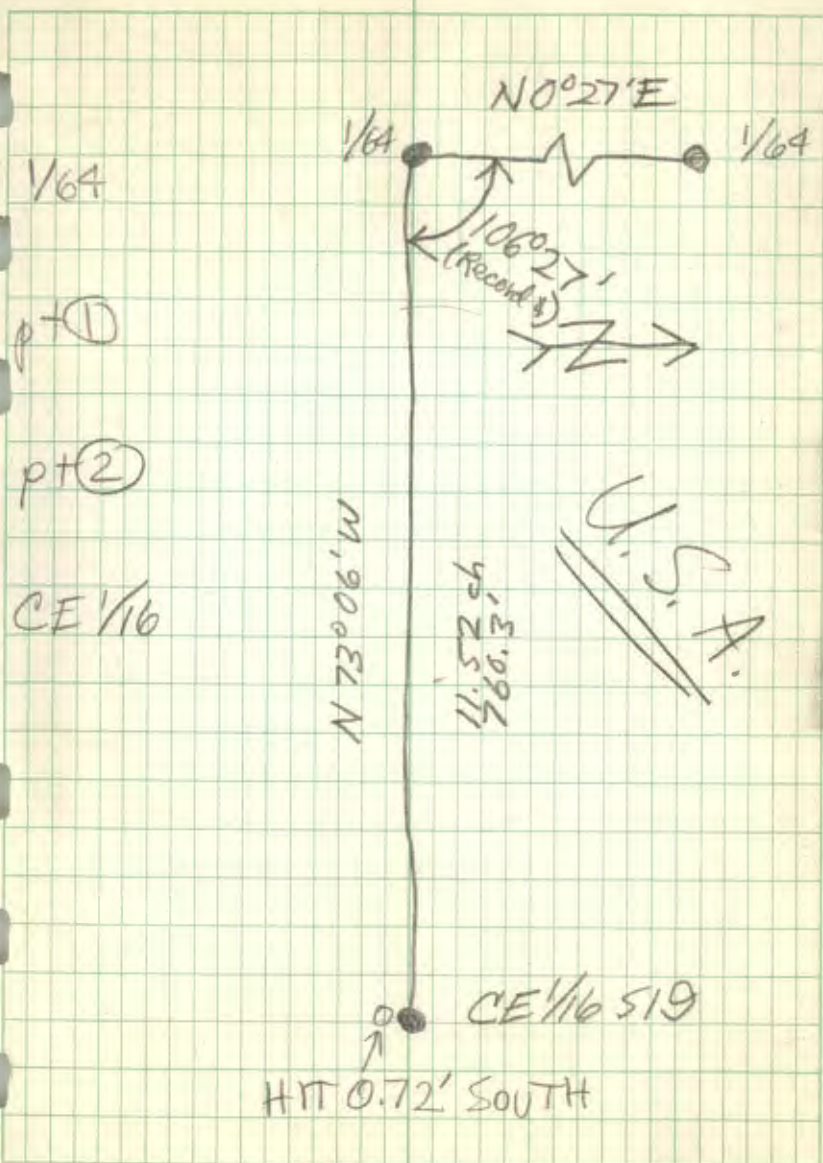
0.72'N



11/20/80

B. OLSON

23



24

Levels for Sewer Area
DRAINAGE. West of Station

STA	<u>+ 5.1'</u>	H.I.	—	Elev.	to make 4% Grade
0+00 0+10 0+15		5.4' 105.4 105.1'		99.7 100.0	cut 0 20.4
0+15	5.1		5.3	99.8	99.8 -1.0
0+30			5.3	99.8	98.2 -1.0
0+45			5.9	99.2	97.6 -1.2
0+60			6.3	98.8	97.0 -1.8
0+75			7.1	98.0	

No. 302

Ketchikan, Alaska
WEATHERPROOFJ. L. DARLING CORP.
TAHOONA, WASH., U.S.A.

11/24/80

B. Olson &
O. Knowles RAD MAN

24

DESCRIPTION

TOP OF LIFT STATION

25

T141N, R28W

See 3

STA	TOP OF SOUTH DITCH	Q Rd.	TOP OF NORTH DITCH
13+44	13'R	35'R	—
13+00	2'R	25'R	—
12+68	0	20'R	—
12+00	21'L	0	19'R
11+34	17'L	10'L	2'R
11+00	16'L	8'L	2'R
10+70	10'L	0	8'R
10+30	1'R	9'R	—
10+00	3'R	11'R	—
9+00	4'L	22'R	—
8+00	5'L	27'R	—
7+00	0'	32'R	—
6+23	0'	32'R	—
6+00	0'	32'R	—
5+00	4'L	33'R	—
4+50	2'L	31'R	—
4+00	3'L	31'R	—
3+00	5'L	31'R	—
2+00	9'L	33'R	—
1+00	10'L	32'R	—
0+00	—	—	—

12/1/80

Cloudy, Cold, Windy

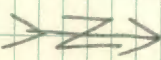
B. Olson X
O. Knowles
J. Weaver
C. Manjama
H. City
S. Peterson

WOOD POST 5.5' E

CE 1/16 S3

POST

480 ch
316.80'
2107



POST - S.M.C.

S.M.C. S3

A 1522

M. 94668 N

TO WADLINE
LAKE

POST

LOT 1

15.51 ch
1023.66'

POST

WOOD POST 0.2' W

1/4 COR S3/S2

1/4 COR

WOOD POST & I.P.

26

T141N R28W
Sec. 16 & 21

R/W-N. C. T. Survey
Running LINE BTWN. CO. & PRIVATE

<u>STA</u>	<u>offset to L.L.</u>	
0+00	0	✓
0+40	0.04'N	✓
6+00	0.57'N	✓
10+00	0.95'N	✓
10+20	0.97'N	✓
13+40	1.27'N	✓

No. 302

Get the Name!
WEATHERPROOF

J. L. BARLING CORP.
TACOMA WASH. USA

12/1/80

B. OLSON

26

1/4 COR
S17
S20

N1/88PN

SEC COR

SEC COR
17116
20121

PT ① N.C.T.

PT ②

PT ③ N.C.T.

PT ④

LONGEVILLE
TIMBER CO.
L & J

N11088N

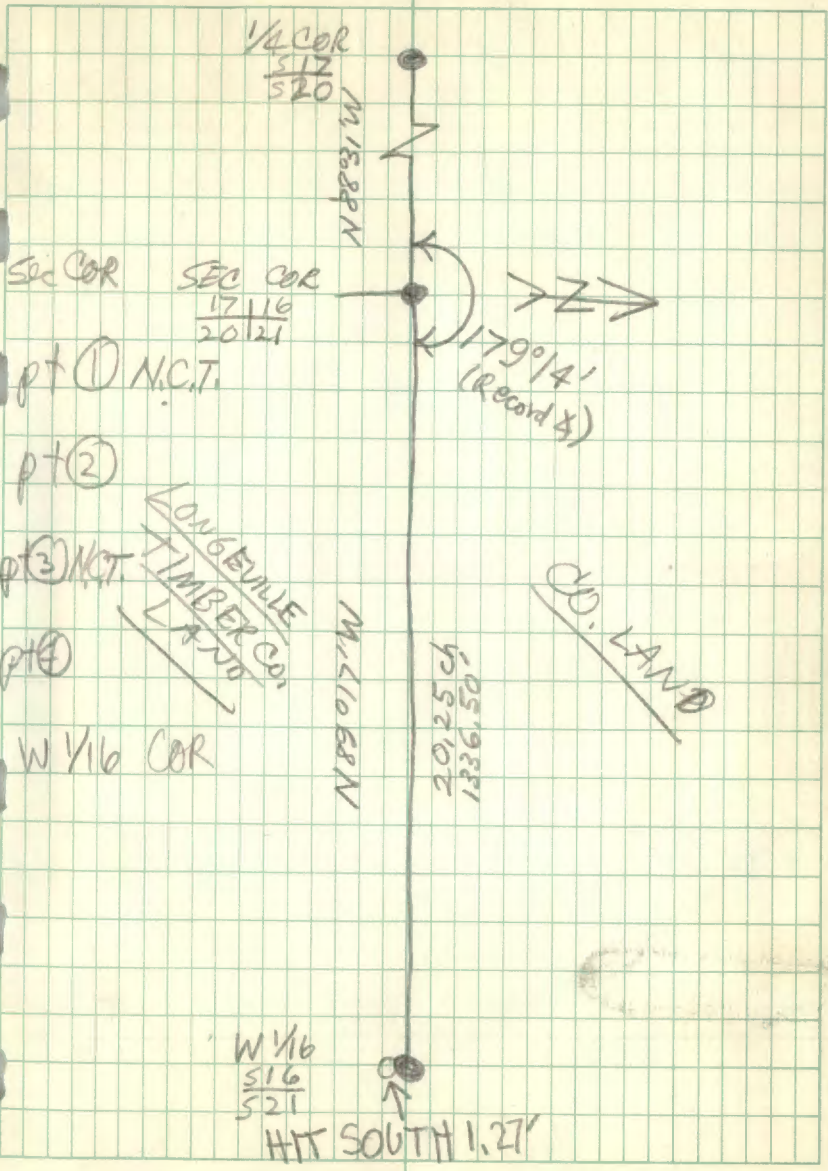
W 1/16 COR

20,25 ch
1336.50'

OLD LAND

W 1/16
S16
S21

HIT SOUTH 1.27'



27

N.C.T. Survey
T141N R28W

Section 21

No. 302

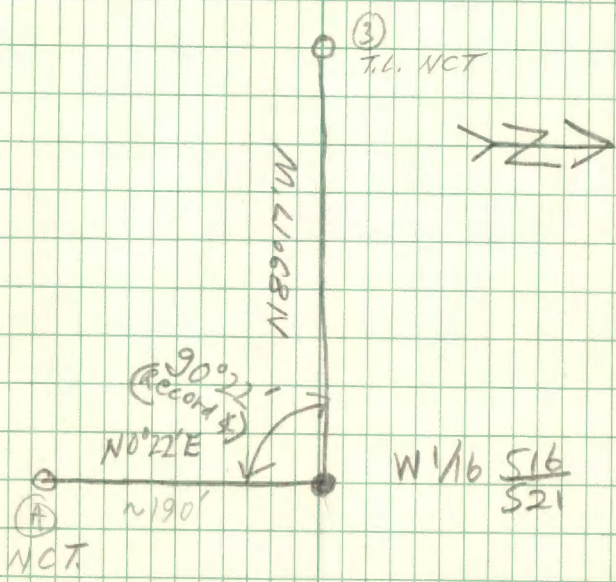
Get the Best
WEATHERPROOF

J. L. DARLING CORP.
TACOMA WASH. U.S.A.

12/2/80

B. OLSON

27



28

T14IN R28W

Sec 16

N.C.T. SURVEY

offsets
to TIL.

STA

0+00

0+50

2+50

2+70

0

0.15' E ✓

0.73' E ✓

6+80

+6+60

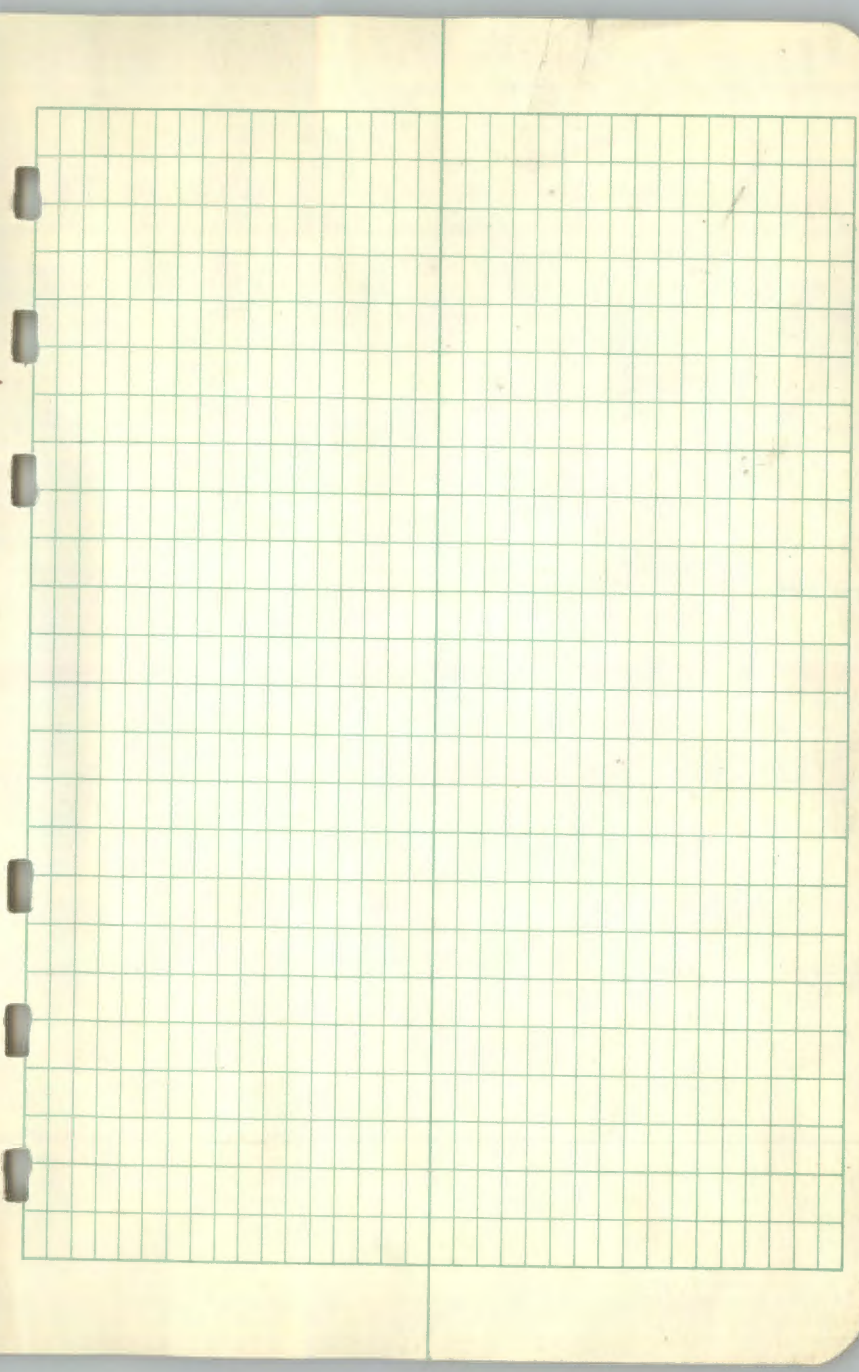
12+20

3.57' E ✓

13+40

3.82' E ✓

VOID
(See NEW P. 28)



28
(copied)

T141N R28W
Sec. 16

N. C. T. Survey

RANDOM BTWN. N $\frac{1}{4}$ S.16 & CN $\frac{1}{16}$ S.16
closure Needed 1:700

<u>STA</u>	<u>DIST</u> by <u>Stadia</u>	<u>offsets</u> to T, L.	<u>CHAINED</u> <u>DIST.</u>	<u>TEMP.</u>	<u>COR. DIST.</u>
$\frac{1}{4}$ COR.	0+00	0	48.06'	21°	
1A	0+50	0.14'E	201.04	21°	
1B	2+50	0.72'E	17.90	21°	
1	2+70	0.78'E	416.92	21°	
2	6+80	1.96'E	549.43	21°	
3	12+30 12+20	3.55'E	126.90	21°	
CN $\frac{1}{16}$	13+50	3.92'E	141.47	25°	
4			110.50	25°	
A					

No. 302

Weatherproof

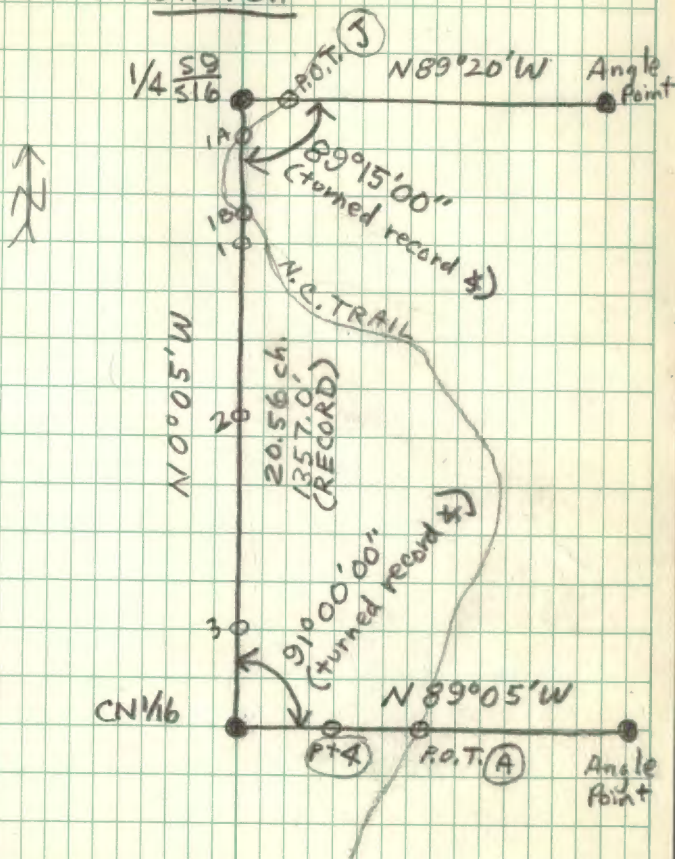
J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

12/3/80

B. Olson π

28
(copied)

SKETCH



No. 302

Get the Best
WEATHERPROOF

J. L. DARLING CORP.
YACOMA, WASH. U.S.A.

12/3/80

B. Olson T

28

RANDOM LINE RUN
BTWN, 1/4 COR & CN 1/16

1/4 COR
PT (A) NCT
PT (B) NCT
PT (1)

PT (2)

PT (3)
CN 1/16

1/4 COR 59/516

N 89° 20' W

A.P.

89° 15' (Record 5)

N 58° 0' W

A 1668

A 1668

20.50 (Record 6)
1356.96 (Record)

(See NEW Page 28)

91° 00' (Record 2)

N 89° 05' W

140'

PT (2)

CN 1/16 516

A.P.

HIT 3.92' WEST
ON RANDOM



29

T141N R28W
Section 16

N.C.T. SURVEY

Closure Needed 1:700

<u>STA</u>	<u>DEFL. &</u>	<u>CHAINED DIST.</u>	<u>Temp.</u>	<u>COR DIST.</u>	<u>TAN. & EXT.</u>
P+ (4)		110.50	25°		
POT (A)	Lt. 4.66°03'54"	139.96	25°		
PI (B)	Lt. 12°25'18"	192.86	25°		T = 15' E = 3'
PI (C)	Lt. 3°57'48"	201.68	25°		T = 15' E = 3'
PI (D)	Rt. 16°13'06"	166.17	30°		T = 20' E = 5'
PI (E)	Lt. 78°49'24"	283.61	30°		T = 80' E = 30'
PI (F)	Rt. 6°03'12"	170.49	30°		T = 20' E = 3'
PI (G)	Rt. 18°44'06"	194.90	30°		T = 15' E = 3'
POT (B)	FLOP	84.80	30°		
PI (H)	Rt. 47°16'00"				T = 50' E = 15'

12/4/80

Cloudy, Cool, Windy
21°F

B. Olson T

29

o. Knowles	} axemen
J. Weaver	
S. Peterson	
C. Maarjama	H. C.
H. Clyde	R. C.

30

(CONT.)

STA	CHAINED DEFL. & PIST.	Temp.	COR. DIST.	TAN. & EXT.
PI (H)		134.02	30°	
PI (IA)	RT. 19°16'48"	59.77	30°	T=15' E=3'
POT (J)	Lt. 126°31'30"	36.21	30°	
1/4 COR				

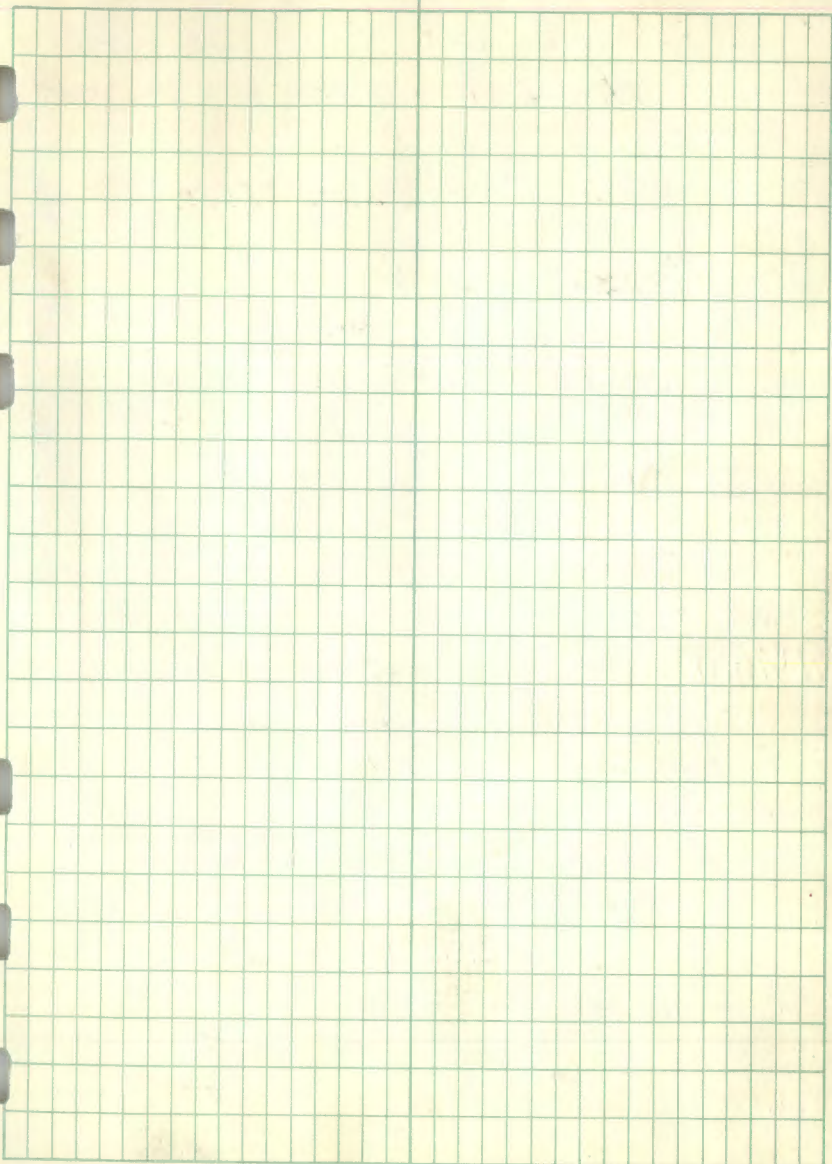
EXTRA X'S :

(1/4)	(H)			
(IA)	(IA)	37°18'12" CW	CCW	17°58'00"
(J)	(IB)			
(G)	(IB)	150°42'54" CCW		
(IB)	(IA)			
(H)	(IB)	29°18'00" CW		
(IB)	(IA)			
(IA)				

12/4/80

B. Olson*

30



31

T141N R28W
Sections 16 & 21

NORTH COUNTRY TRAIL SURVEY

Closure Needed: 1:700 in sec. 16; 1:3000 in Sec. 21

STA	1st Defl. &	Doubled Defl. &	AVG. Defl. &	Chained DIST. FWD.	DIST. BACK
W 1/6 COR.	Rt. 89°38'00"	(turned Record GLA &)			
				182.42	182.33
P.O.T. (A)	Rt. 102°46'06"	205°32'48"	102°46'24"		
				335.04	335.24
P.I. (B)	Rt. 63°11'36"	126°22'54"	63°11'27"		
				114.00	114.01
P.I. (3)	Rt. 104°25'00"	208°50'00"	104°25'00"		
				354.66	354.65

W 1/6 COR.

360°51'60"

13" per &

STA	Defl. &	Chained Dist. Fwd.	DIST. BACK	TEMP.	Co R DIST.
P.I. (1)		943.59	943.74	15°	
P.I. (3)	Lt. 117°49'36"	46.58	—	-5°	
		46.58	—	-5°	
P.I. (A ₂)	Lt. 21°21'54"	250.43		-5°	

No. 302

WEATHERPROOF

J. L. DARLING CORP.
YACOMA, WASH. U.S.A.

12/10/80

Clear, Cold, Calm

B. Olson & Lietz T-60 31
 C. Maarijama H.C.
 H. Clyde E.C.
 O. Knowles

J. Weaver } axemen
 S. Peterson }

AVG. (F°) COR. TAN.
 DIST. TEMP. DIST. & EXT.

182.37 -5° 182.28

335.14 -5° 334.98

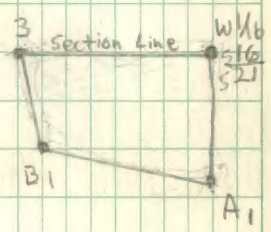
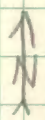
114.00 -5° 113.94

354.65 15° ~~354.48~~
 354.52

SKETCH

T = 25'
 E = 5'

T = 15'
 E = 3'



TAN.
& EXT.

T = 15'
 E = 3'

T = 15'
 E = 3'

TAN.
EXT.

SKETCH

T = 75'
E = 15'

T = 40'
E = 10'

T = 45'
E = 12'

T = 40'
E = 10'

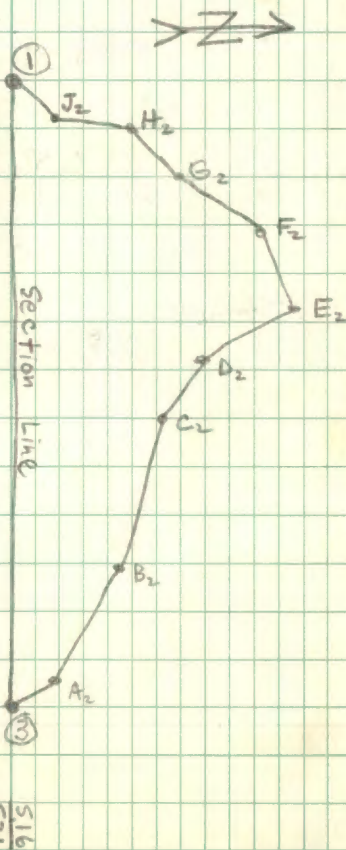
T = 25'
E = 5'

T = 20'
E = 3'

T = 20'
E = 5'

T = 20'
E = 5'

T = 15'
E = 3'



516
521

33 (CONT.)

<u>STA</u>	<u>Defl. &</u>	<u>Chained DIST.</u>	<u>TEMP.</u>	<u>COR DIST.</u>	<u>TAN. EXT.</u>
SEC COR	$50^{\circ}14'00''$ (Record GLO)	41.78	-5°		
P.O.T. (A ₃)	$133^{\circ}43'12''$	60.22	-5°		
P.I. (1)	$136^{\circ}04'12''$	43.53	-5°		T=15' E=3'

Sec Cor

$\swarrow 360^{\circ}01'24''$
 28" per &

No. 302

King of the Kings
 WEATHERPROOF

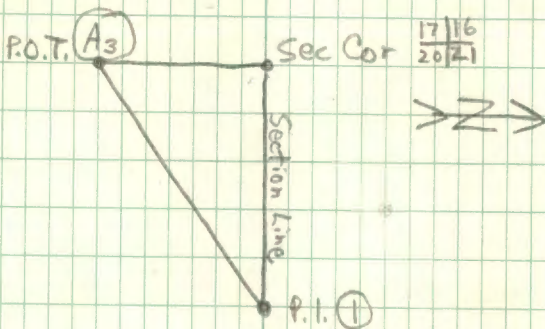
J. L. DARLING CORP.
 FACONAL, WASH. U.S.A.

12/10/80

B. Olson π

33

SKETCH



34

T141N R29W
Section 15

<u>STA</u>	<u>offsets</u> <u>to T.L.</u>	
0+00	0	✓
3+20	0.28'N	
5+10	0.45'N	
8+10	0.71'N	
10+70	0.94'N ✓ 0.94'N ←	
13+60	1.19'N	✓

12/15/80

34

B. Olson
C. Moorjama
S. Peterson
S. Knowles
J. Weaver
R. Kargel

SW 1/4

CS 1/16 S15

CS 1/16

pt ①



pt ②

Nat'l.
Forest

N 89° 33' W

20.57 ch
13.57.6'

SE 1/16 S15



HIT 1.19' South

35

T141N R29W
Sec. 15STAoffsets
to T, L.

12+80

1.62'W ✓

9+70

1.23'W ✓

4+70

0.59'W

2+40

0.30'W

0+00

0 ✓

12/15/80

B. O. Kont

35

HIT 1602' EAST

CE 1/16

CE 1/16

pt ③

pt ②

pt ①

SE 1/16

CS 1/16

SE 1/16

N 4° 10' W

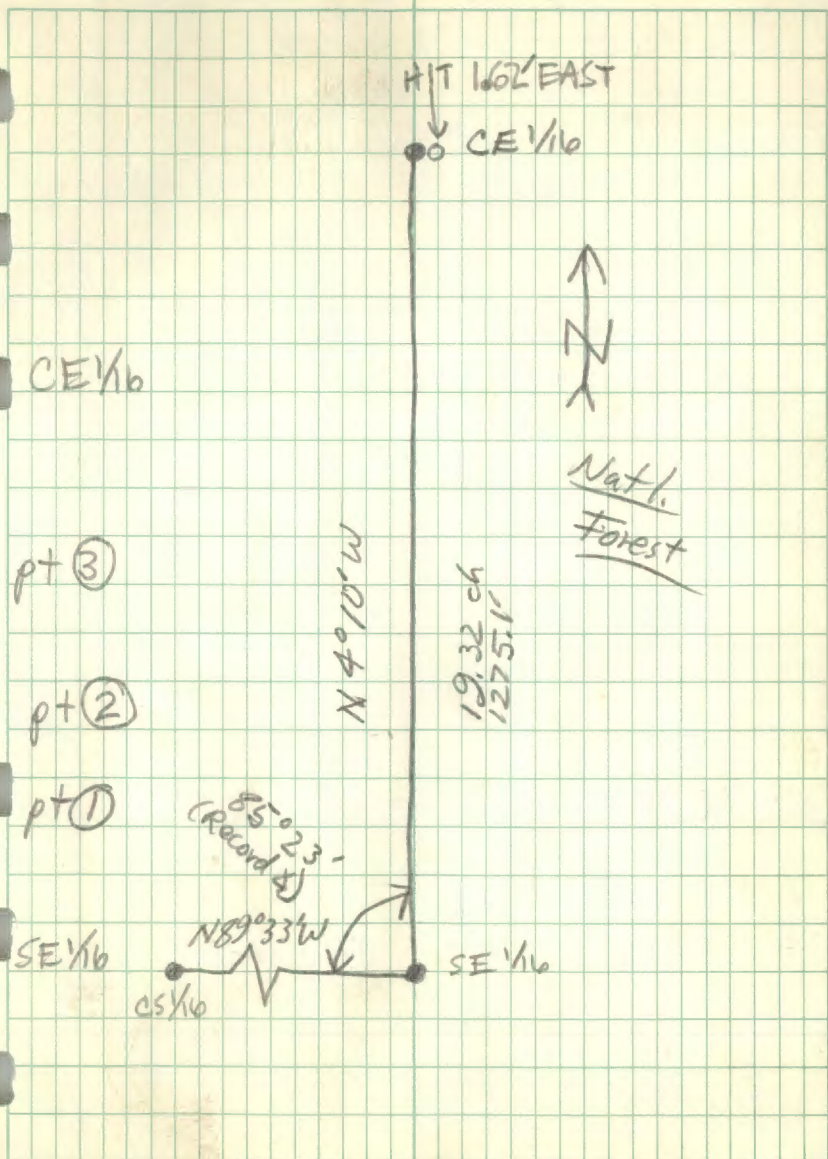
19.32 ch
1275.1'

85° 23' -
(Record 4)

N 89° 33' W



Natl.
Forest



36 T141N R29W
Sec. 15

STA

offsets
to T.L.

13+50

1.50'N ✓

10+40

1.16'N ✓

^{7 + 20}
6+30

0.70'N

2+70

0.30'N

0+00

0 ✓

No. 302

Weatherproof

J. L. DARLING CORP.
TACOMA, WASH., U.S.A.

12/16/80

B. O'CONNOR

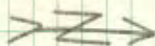
36

HIT 1.50' SOUTH



C/4 S15

C/4



pt ③

Natl.
Forest

pt ②

N 88° 47' W

20,374
1394.4

pt ①

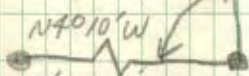
SE 1/16

25° 23' (Record #)

N 40° 10' W

CE 1/16

SE 1/16



37

T141N R29W
Sec. 15STAoffsets
to T.L.

6+10

1.49' W ✓

4+80

1.17' W ✓

2+70

0.66' W

0+00

0 ✓

12/16/80

B. Olson T

37

HIT 1.49' EAST

CSN
1/64 COR

CSN 1/64

pt ②

Natl.
Forest

pt ①

N 30° 38' W

9.25 ch.
610.5'

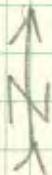
C 1/4 COR S15

94° 52'
(Record &)

C 1/4

N 89° 47' W

CE 1/6



38

T141N R29W
Sec. 15

STA

offsets
to T.L.

7+10

0

✓

4+00

0

✓

1+90

0

✓

0+00

0

✓

12/17/80

B. Olson

38

HIT CORNER RIGHT OF
S.M.C.



pt ③

pt ②

pt ①

N 89° 18' W

1355.4
893.69 ft

Nat'l.
Forest

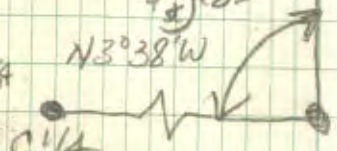
94° 20' (Record #)

N 3° 38' W

CSN 1/64

C 1/4

CSN 1/64



39

T141N R29W
Sec. 15

STA

Offsets
to T.L.

7+30

4.80'W ✓

5+40

3.55'W ✓

2+90

1.91'W ✓

0+00

0 ✓

12/22/80

B. Olson

39

WAWA
LAKE

M.C. 516/515

HIT 4.80' EAST ON
RANDOM.

M.C.

Natl.
Forest

pt 2

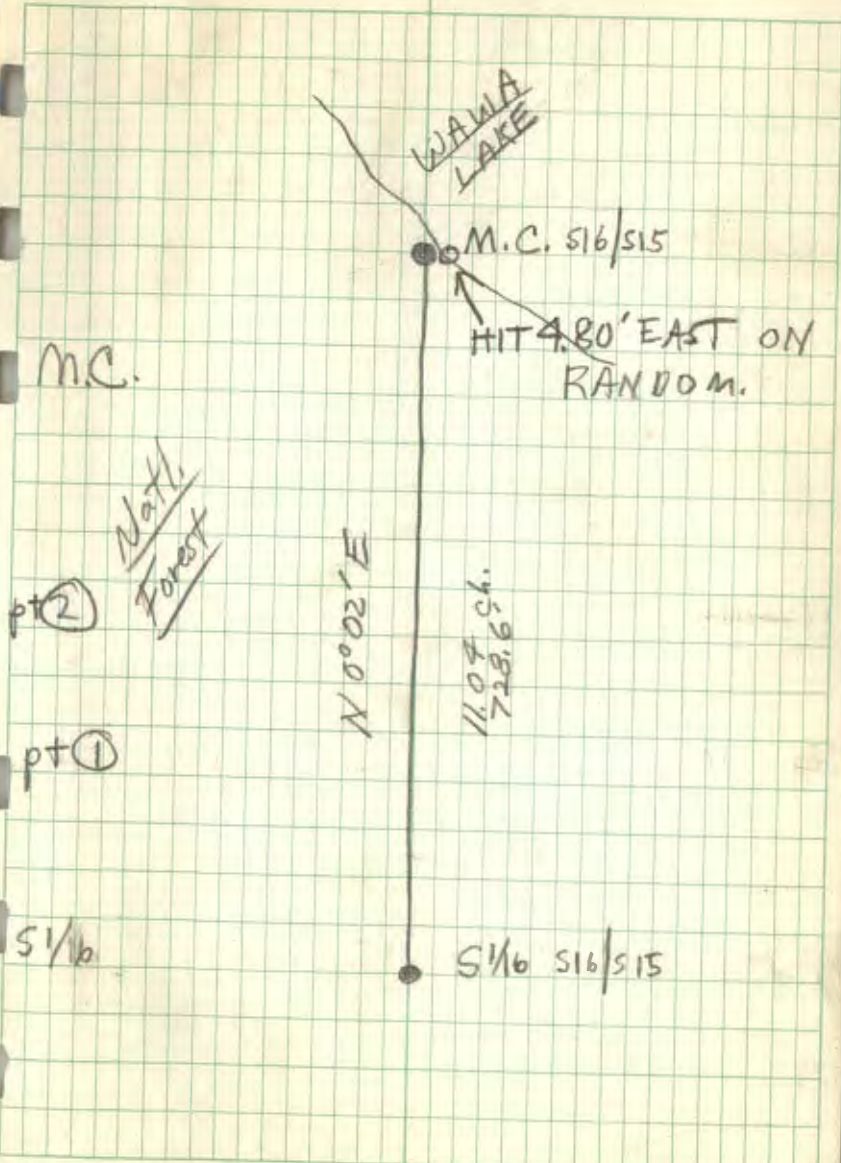
pt 1

51/6

N 0° 02' E

11.07
728.6 ch.

51/6 516/515



40

T142N R26W
Secs. 10 & 11RANDOM LINE
offsets

<u>STA</u>	<u>Chained</u> <u>DIST.</u>	<u>COR</u> <u>STA</u>	<u>to T.L.</u>	
0+00		0+00	0	✓
	133'			
1+20		1+33	3.67'W	✓
	174'			
3+00		3+07	8.47'W	✓
	258'			
5+60		5+65	15.59'W	✓
	193'			
10+10				
7+50		7+58	20.91'W	✓
	341'			
9+90		10+99	30.32'W	✓
	183'			
11+70	} 219'	12+82	35.37'W	✓
13+90		15+01	41.41'W	✓
15+30	} 140'	16+41	45.28'W	✓
17+50		18+56	51.21'W	✓
	} 215'			

Σ 1856'

12/23/80

B. OLSON T

40

1/4

1/4 10/11

pt ①

pt ②

pt ③

~~pt ④~~

pt ④

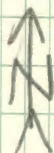
pt ⑤

pt ⑥

pt ⑦

pt ⑧

M.C.



392
180

100' BUST IN STADIA

CHECK BUST

GRAVES LAKE

M.C. 10/11

HIT 51.21' EAST ON RANDOM

41

T141N R27W
Section 4

STA

offsets
to T.L.

6+80

5+00

2+40

0+00

No. 302

Keep the Rain
WEATHERPROOF

J. L. DARLING CORP.
TACOMA WASH. U.S.A.

12/30/80

B. Olson T

41

HIT RIGHT ON CENTER

AP2 TR 1471
1/64

AP2 TR 1471

N 89° 50' W

10.25 ch



pt ②

pt ①

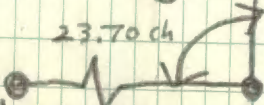
Record
89° 53'

23.70 ch

CE 1/16
AP4 TR 1471

N 0° 17' E

AP1 TR 1471
NW 1/16



42

T.142N R30W
Section 19

STA

offsets
to T.L.

13+20

~~8+70~~
H-80 9+70

6+60

3+90

0+00

HIT 18.12' EAST OF A
 ↓
 1" I.P. up 0.4'
 EAST OF White
 Iron Fence Post.



DUE NORTH

20.00 ch.
 1320.0'

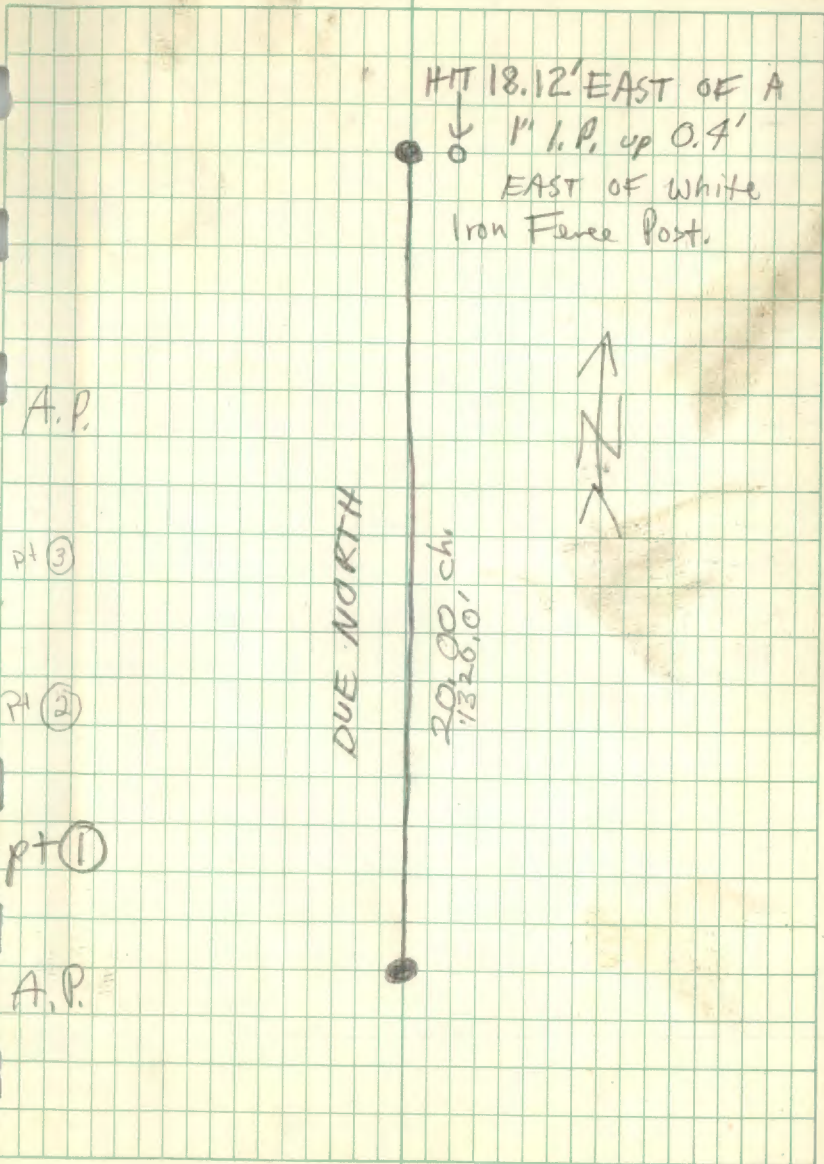
A.P.

pt ③

pt ②

pt ①

A.P.



43

T142N R30W
Section 30

(if Overlap) CAR, offsets

STA. Vert 4 STA. to T.L.

25+40

0.54'N ✓

24+30

0.52'N ✓

~~23+40~~

20+20

0.43'N ✓

~~21+50~~

18+30

0.39'N ✓

~~18+90~~~~15+70~~

0.33'N ✓

12+70

0.27'N ✓

9+50

0.20'N ✓

6+50

0.14'N ✓

3+20

0.07'N ✓

0+00

0 ✓

No. 302

Weatherproof

J. L. DANLINS CORP.
ACRON, WASH. U.S.A.

1/7/81

Cold, Cloudy, Windy

N. Williams T
B. Olson
C. Maarjama
S. Peterson
R. Kargel
S. Theoborg

43

HIT 0.54 SOUTH



1/4 Cor Sec 30

1/4 S30

08'

pt ⑧

pt ⑦

pt ⑥

pt ⑤

pt ④

pt ③

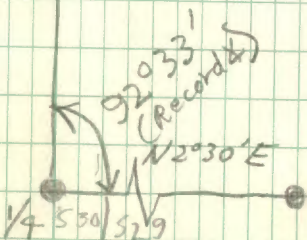
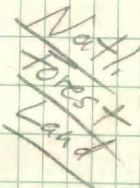
pt ②

pt ①



58.87 sh.
25.65 sh.

N 89° 57' E



1/4 Cor S30/S29

44

T142N R30W
Sections 30/29

<u>STA</u>	<u>offsets</u> <u>to T.L.</u>	
0+00	5.00'W	4.80'W ✓
3+50	5.03'W	4.88'W ✓
6+80	5.05'W	4.96'W ✓
10+50	5.08'W	5.04'W ✓
13+00	5.10'W	5.16'W ✓ 4.0'

1/7/81

N. Williams &
B. O/Son

44

STARTED 5.00' EAST
ON OFFSET RANDOM



N 1/4 S 30/S 29



N 1/4 COR

pt ①

pt ②

pt ③

pt ④ 1/4 COR

~~U.S.A.~~

N 20 30' E

20.11 ch



1/4 S 30/S 29



HIT 5.10' EAST ON
OFFSET RANDOM

45

T142N R30W
Sec. 30STA.OFFSETS
TO T.L.

13+30

6.01'E ✓

10+80

4.88'E ✓

7+50

3.39'E ✓

4+20

1.90'E ✓

1+50

0.68'E ✓

0+00

0 ✓

1/8/81

Cold, Clear, Calm

C. Maarjamaa 45

B. Olson

R. Kargel

S. Hurlburt

HIT 6.01' WEST

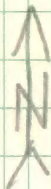


CN 1/16 530

CN 1/16 530

N 0° 46' E

20.13 ch
1328.6



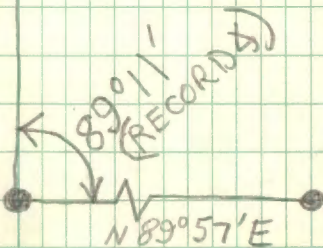
pt ④

pt ③

pt ②

pt ①

CN 1/4 COR



No. 302

Kit and the Rain
WEATHERPROOF

J. L. DARLING CORP.
TACOMA, WASH. U.S.A.

11/5/80

B. Olson
M. Harrom, G. Robertson

CORNER NOTES

T150N R26W & 25W

Section Corner $\frac{S25}{S36} | \frac{S30}{S31}$

Set 24" x 2 1/2" I.P. w. Brass Cap MKD:

MON. DOWN 1.0' under road surface, 3' East of E

1/2" IRON ROD & OAK POST STUB ON North Side of MON.

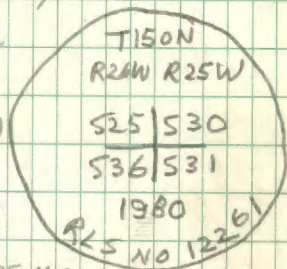
TOOK NEW RT'S & BO.

6" ELM S72°W 114.80' MKD: T150N R26W S36 RT

7" ASH S50°W 108.51' MKD: T150N R26W S36 RT

Nail in 14" FENCE CORNER POST N72°E 15.85'

#D.F.S. 54-6 on P.P. ~~61.0'~~ MKD, 61.0' S52°W TO CORNER.



ENTERED



29

Set 24" x 2 1/2" # IRON PIPE w. Brass

Cap MKD:

MON DOWN 0.6' under
approx $\frac{1}{4}$ of Rd.

Old Fence Line runs
East from corner.

T 150 N
 R26W $\frac{1}{4}$ R25W
 S25 | S30
 1980
 RLS No. 12261

Took 3 New B.O.'s:

Set Steel Sign Post S45°W 71.88' w. FS 54-9 #54-3

Set Steel Sign Post S45°E 64.22' w. FS 54-9 #54-3

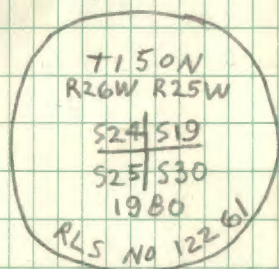
Set Nail in P.P. N68°W 52.81' w. F.S. 54-3

ENTERED

No. 302
DARLING CORP.
WEATHERPROOF
LEONA, WASH. U.S.A.

Set 24" x 2 1/2" I. P. w. Brass Cap MKD;
MON, DOWN 0.8'
approx 1' West of ϕ .

~~3/4~~ 1" I. P. ^{MON} North Side of MON,
MON, approx. 1' South of
 ϕ of RD. to the East.



Took New BT's:

17" Spruce N11°E 139.76' MKD: T150N R25W S19 BT

10" Spruce N42°E 85.26' MKD: T150N R25W S19 BT

NEW B.O. ϕ

Set Steel Sign Post N45°W 68.02' w. FS 54-9 ϕ 54-3

Tel. Ped. Top Center N30°E 45.00'

ENTERED

30

SET 24" X 2½" I.P. w. Brass Cap MKD:
 MON. DOWN 0.6' under \odot Trail
 OLD fence runs South from COR.

T150N
 R25W
 $\frac{1}{4}$ S19
 S30
 1980
 P.S. NO 12261

TOOK NEW BT's:

8" ASH N 7° E 82.50' MKD: 1/4 S19 BT
 19" ELM S 12° W 62.65' MKD: 1/4 S30 BT
 9" SPRUCE S 74° E 78.78' MKD: 1/4 S30 BT

ENTERED

11/6/80

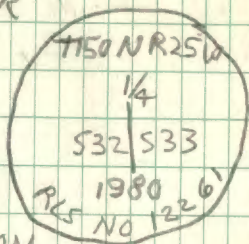
B. OLSON
M. HARRON
D. SHERWOOD

30

SET 24" X 2 1/2" IP w. BRASS CAP MKD:
MON DOWN 0.8' UNDER
ROAD SURFACE.

APPROX 1 FT SOUTH
OF ϕ OF E & W ROAD.

3/4" SQUARE IRON ROD
ON NORTH SIDE OF MON.



WITNESSED BY:

14" W. OAK S 14° E 262.00' MKD: 1/4 S33 BT

17" ELM N 19° W 143.10' MKD: 1/4 S32 BT

13" W. OAK N 50° W 238.78' MKD: 1/4 S32 BT

U.S.G.S. BENCH 18.75' N 18° W with STEEL
POST ON SOUTH SIDE OF B.M.

ENTERED

SET 2½" X 5 FT. LONG ALUM. MON.
W. ALUM. CAP MKD:

MON. IS UP 1.5' IN

LOW AREA.

2" I. P. UP 1.4' IS

ON NORTH SIDE OF MON.

COR IS APPROX 60 FT. SW

FROM MIDDLE OF BEND IN ROAD.

COR IS APPROX 90' NORTH OF RIVER BANK.

WITNESSED BY:

13" W. OAK N40°W 47.40' ^{MKD:} T150M R25 S32 13T.

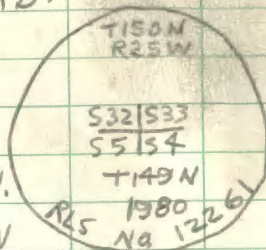
14" W. OAK S85°E 152.84' T149N R25WS4BT

SW CORNER OF FOUNDATION OF TOWN
HALL IS N36°E 126.18'

STEEL SIGN POST 4.1' WEST W. FS 54-9

STEEL SIGN POST 3.9' EAST W. FS 54-9

Entered



No. 302

WEATHERPROOF

A. L. DALLING CORP.
TAMPA, FLORIDA, U.S.A.

SET 2 1/2" X 5 FT. LONG IRON PIPE WITH
3" BRASS CAP MKD:

MON. UP 2.0' IN WET SOUTH
ROAD DITCH.

T150N
R15W
1/4 S33
S4
1980
T149N
R15W
NO. 1326

WITNESSED BY:

17" ELM N34°E 130.00' MKD: 1/4 S33 BT

12" W. OAK N49°E 157.75' MKD: 1/4 S33 BT

GAL. NAIL IN P.P. N60°E 155.55' W. FS 54-3

8' STEEL SIGN POST 5.7' EAST

Entered

SET 2½" X 30" ALUM. PIPE WITH
¾" CAP MARKED:

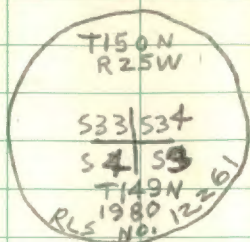
MON. IS UP 0.6'
IN WET AREA.

MON. IS APPROX.
50 FT. SOUTH OF
Q OF ROAD.

2" I.P. UP 2.5' IS 2.6° N 90° E.

WITNESSED BY:

8"	ASH	S 80° W	39.60	' MKD: T149N R25W S4 BT
14"	CEDAR	S 52° W	74.90	T149N R25W S4 BT
9"	ASH	S 12° E	48.99	T149N R25W S3 BT
8 FT.	STEEL POST	3.7' WEST	W. FS. 54-9	



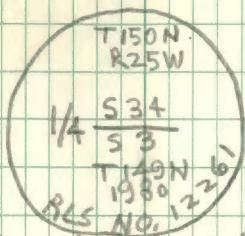
ENTERED

SET 2K" X 30" ALUM. PIPE WITH 3/4" CAP
MARKED:

MON. IS UP
0.5' APPROX.

20 FT. SOUTH
OF EDGE OF

BITUMINOUS SURFACE OF ROAD.



WITNESSED BY:

10" SPRUCE N9°W 123.59' MKD: 1/4 S34 BT

5" SPRUCE S38°W 23.62' MKD: 1/4 S3 BT

6" SPRUCE S2°E 19.53' MKD: 1/4 S3 BT

8 FT. LONG STEEL POST 4.0' WEST w. FS 54-9.

ENTERED

~~NEW~~ COR SOC 36 150 25
ENTERED

1/4 Cor. 3/2

New BT:

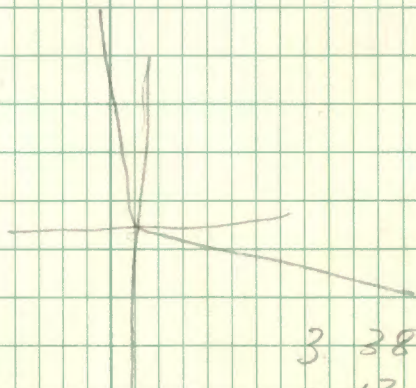
R. OAK 9" S 27° E 7.28'

scribed 1/2" 52 BT

4" X 4" X 6' Wood Post 0.2' West
of corS. M. C. Sec 3

New BT

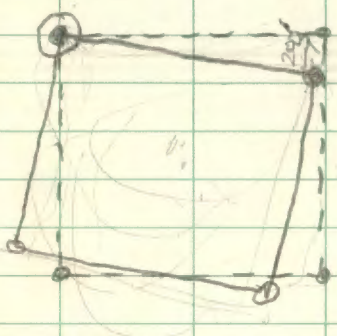
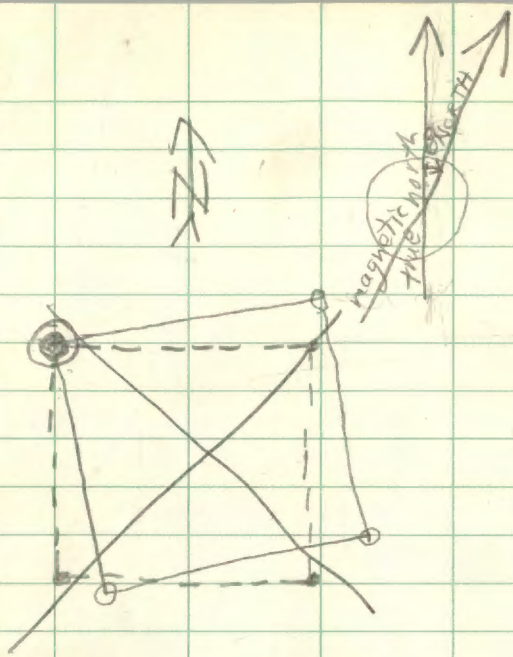
BIRCH 11" S 19° W 31.47' scribed S35MCBT



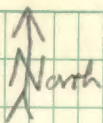
3 38

1 13

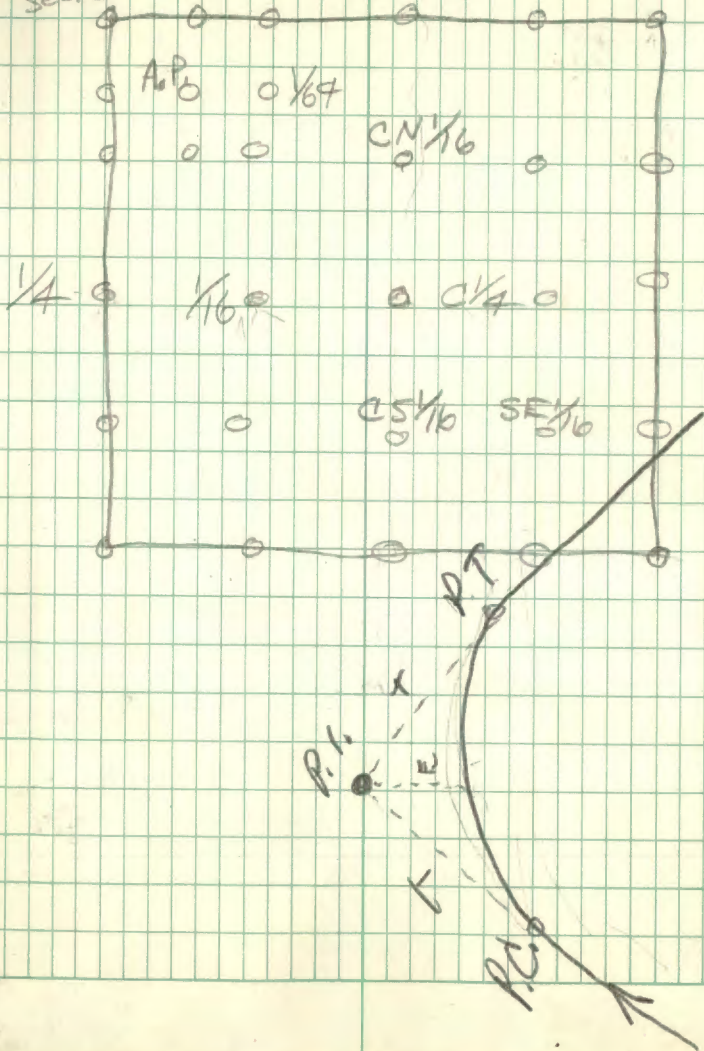
 4 52



Section - 1 sq. mi



Sec. Cor.



$$\begin{array}{r}
 1.75 \\
 .53 \\
 \hline
 5.25 \\
 8.75 \\
 \hline
 0.9275 \\
 0.93 \\
 \hline
 74 \overline{) 39.0} \\
 \underline{44} \\
 370 \\
 \underline{200} \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6.13 \\
 .38 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 0.38 \\
 1.839 \\
 \hline
 2.3294 \\
 \hline
 09 \overline{) 260} \\
 \underline{207} \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 6.75 \\
 .75 \\
 \hline
 30 \\
 307 \\
 \hline
 45.75 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 530 \\
 552 \\
 \hline
 14.1 \overline{) 1040} \\
 \underline{987} \\
 \hline
 630 \\
 564 \\
 \hline
 \end{array}$$

9/30/80

SURVEY
CREWSAFETY MEETINGPOINTS COVEREDPresent

- | | |
|--|-------|
| D) Brushing LINE | B. O. |
| A) Watch for sharp stubs | D.H. |
| B) Watch for falling trees | D.D. |
| C) Spread out along line | C.M. |
| D) Floating Boop | MF |
| E) Bees | |
| F) Stay near the group
so you don't get lost. | |

12/15/80 SAFETY MEETINGPOINTS COVEREDPresent

- | | |
|--|----------------------------|
| 1) Don't walk on thin ^{thin} ice | B. O. |
| 2) Chainsawyers watch for people | S. P. |
| 3) stay apart on brush line | D. H. |
| 4) with hatchets don't swing
in line with leg | J. E. W.
P. A.
C. M. |

12/29/80
39 198 }

3.92

.91

3.92

3528

13.5672

0.9

134 $\overline{)1220}$
~~1072~~
1206
188

3.92

0.04

15680.16

3.92

186

2352

2336

3132

392

12912

1340

0.04

50.00

5360

1340

0.186

2500

1340

11600

10720

880

SURVEY NOTES #3

$$\begin{array}{r} 1000 \\ \hline 1340 \\ \hline 0.946 \\ \hline 1.134 \end{array}$$

$$\begin{array}{r} 1.27 \\ \hline 1.75 \\ \hline 639.5 \\ \hline 88.25 \\ \hline 93.05 \\ \hline 66.0 \\ \hline 512 \end{array}$$

$$\begin{array}{r} 1.87 \\ \hline 4 \\ \hline 748 \\ \hline 1.87 \\ \hline 935 \\ \hline .94 \end{array}$$

- PAINTING - oval
- BLAZING - Craig
- POUNDING - Harley
- SIGNS - Sue
- MOVING POINTS - Sue or Me

BRING - at least 1 qt. paint & brush
 pounder & straightener
 D-tape
 Orange ribbon
 8 posts & SIGNS

1/4 Cor- 57418 ✓

BT Jack Pine - ~~38°E~~ N 8°W

NW 1/16 sec. 18 New BT

R. Oak 8" N 39°W 38.82°

scribed - NW 1/16 518 BT

R. Oak - 8" N 89°W 31.80' - down

Bearing Trees - ~~AP 518~~ Angle Pt

6" R. OAK - - NEW

Bearing - N 11°W

scribed - AP 518

Dist - 81.7

N. Pine 18" J-H-E 4-11-73

Bearing N 19°W

Dist. 89.1'

11" Aspen - NEW

Bearing 51°W

scribed AP 518

Dist. 52.6'



<u>STA</u>	<u>BRG.</u>	<u>DIST.</u>	<u>LAT</u>	<u>DEP.</u>
CE 1/16		99.5		
	S 80° 17' E	99.5	-16.79	+ 98.07
①				
	N 19° 49' E	250.2	+235.38	+ 84.82
②				
	N 46° 33' E	235.6	+162.03	+171.04
③				
	N 31° 29' W	174.5	+148.81	- 91.13
④				
	N 3° 45' E	171.7	+171.32	+ 11.43
⑤				
	N 31° 03' W	231.3	+198.16	-119.30
⑥				
	N 40° 37' E	569.5	+432.30	+370.74
⑦				
	S 89° 22' W	258.0	- 2.85	-257.98
⑧				
	S 81° 57' W	183.8	-15.30	-172.13
			-16.18	-183.09
⑨ NEX 1/16	(assumed)			
	S 0° 00' W	275.4	-275.40	- 0
⑩				
	S 22° 58' 28° 00' E	154.0	-141.79	+60.09
⑩A				
	S 31° 37' 31° 37' E	224.3	-191.01	+117.59
⑪				

No. 302

Weatherproof

J. L. BARLING CORP.
TACOMA, WASH. U.S.A.