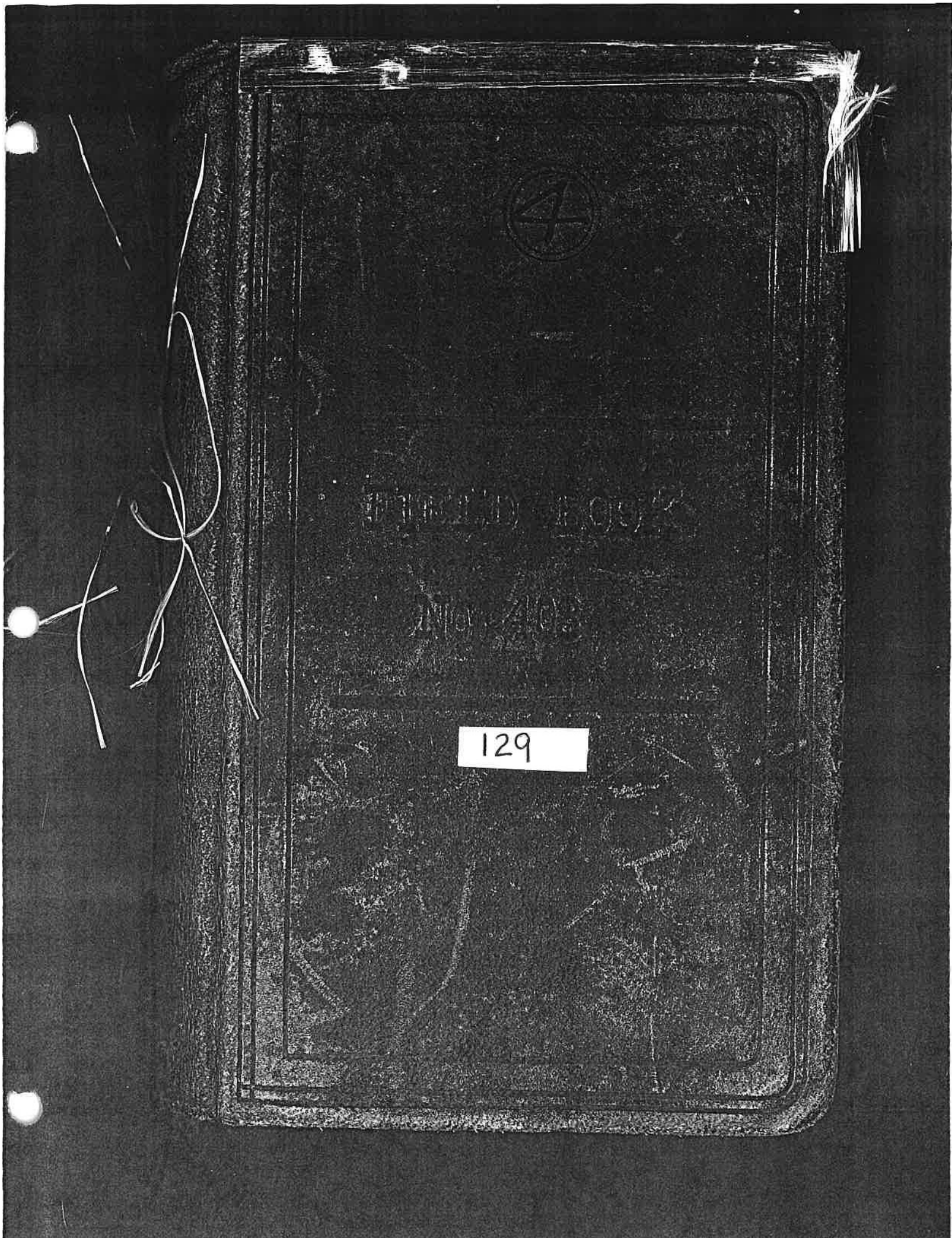

4
129

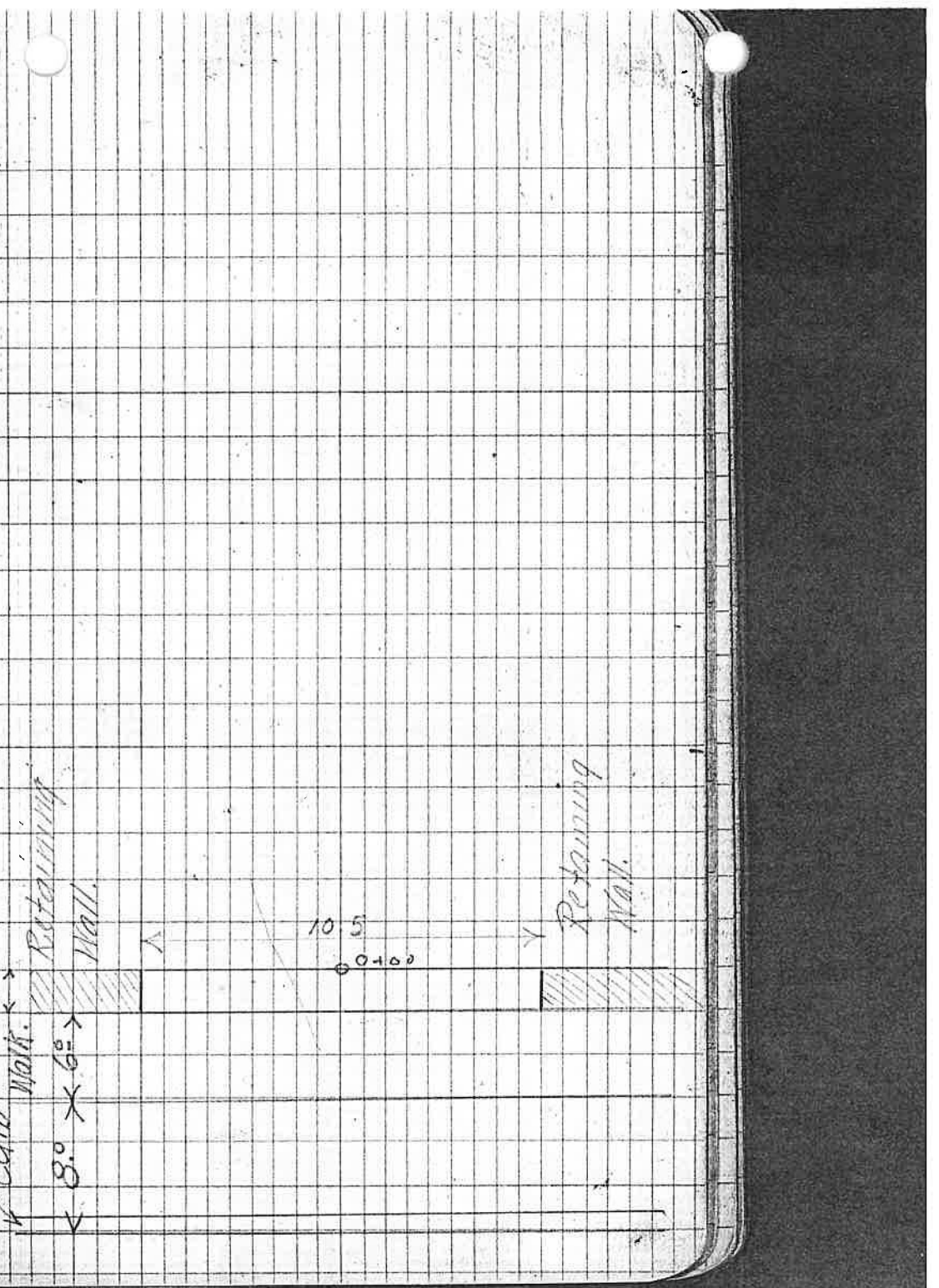
Field Book # 129

Wollenberg Lot & Driveway	1
Laurel Ave. & 4th Ave Blk. 3. S.	3
Wollenberg	7
Laurel Crest Road	12
F.N. Johns	16
Plat G. Sunshine Ranch	29
Metes & Bounds near Lot 27-B-S.R.	49
Maxwell " "	50
Lot 43 B "	51
Subdivision Lot 4 B " "	51
Lot 31 B " "	52
Nachter Survey	54
N. Side School	70
Rice & Rice	
Survey in Riverside Co.	70-A
Ties to NE Cor. Huntley C165	75

F.B. 129

Wollenberg Lot Survey.
Plan of driveway

1+10	
1+00	45° 46'
+90	42° 00'
+80	38° 06'
+70	33° 42'
+60	28° 30'
+50	22° 40'
+40	15° 50'
+30	8° 30'
+20	10 10'
+10	Tan
0+00	Tan
BM	



2 - Wallenberg. FB 129

Levels over proposed driveway.

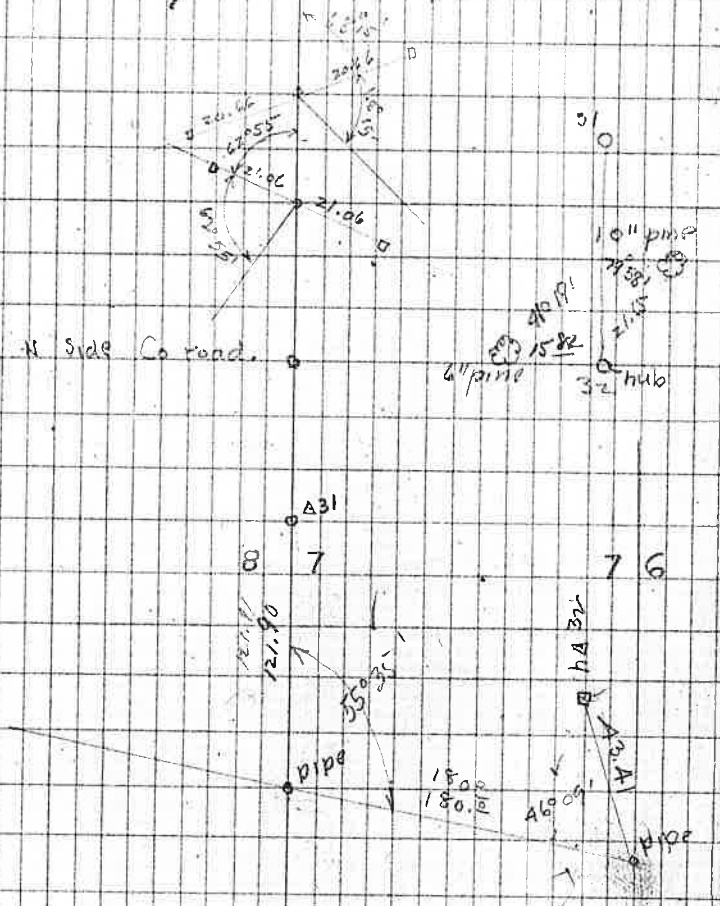
BM	9.91	109.91			100.00	Top of curb opp 0+00
Nidge			9.00		100.91 ✓	Sidewalk
5 "			8.91		101.00	"
0+10			3.70		106.21 ✓	
⏊				1.31	108.60	
	10.88	119.48 ✓				
0+20			10.05		109.43 ✓	
0+30			8.78		110.70 ✓	
Top			8.72		110.76	Krohn sidewalk & side house opp 0+30
0+40			4.52		114.96 ✓	
0+50			2.50		116.98 ✓	
⏊				2.50	116.98	
	11.92	128.90 ✓				
0+60			8.00		120.90 ✓	
0+70			7.44		121.46 ✓	
0+80			5.30		123.60 ✓	
0+90			4.29		124.61 ✓	
1+00			3.00		125.90 ✓	
+10			2.00		126.90 ✓	
		GC.				

3 Lower road thru BK 3. J
Sutherlin.

FB 129

	Δ.R	Δ L	Dist.	M.C
Δ 29		25°01'	86.22	
Δ 30	43°29'		145.00	S29°00'E
Δ 31		54°09'	106.60	S83°00'E
Δ 32				

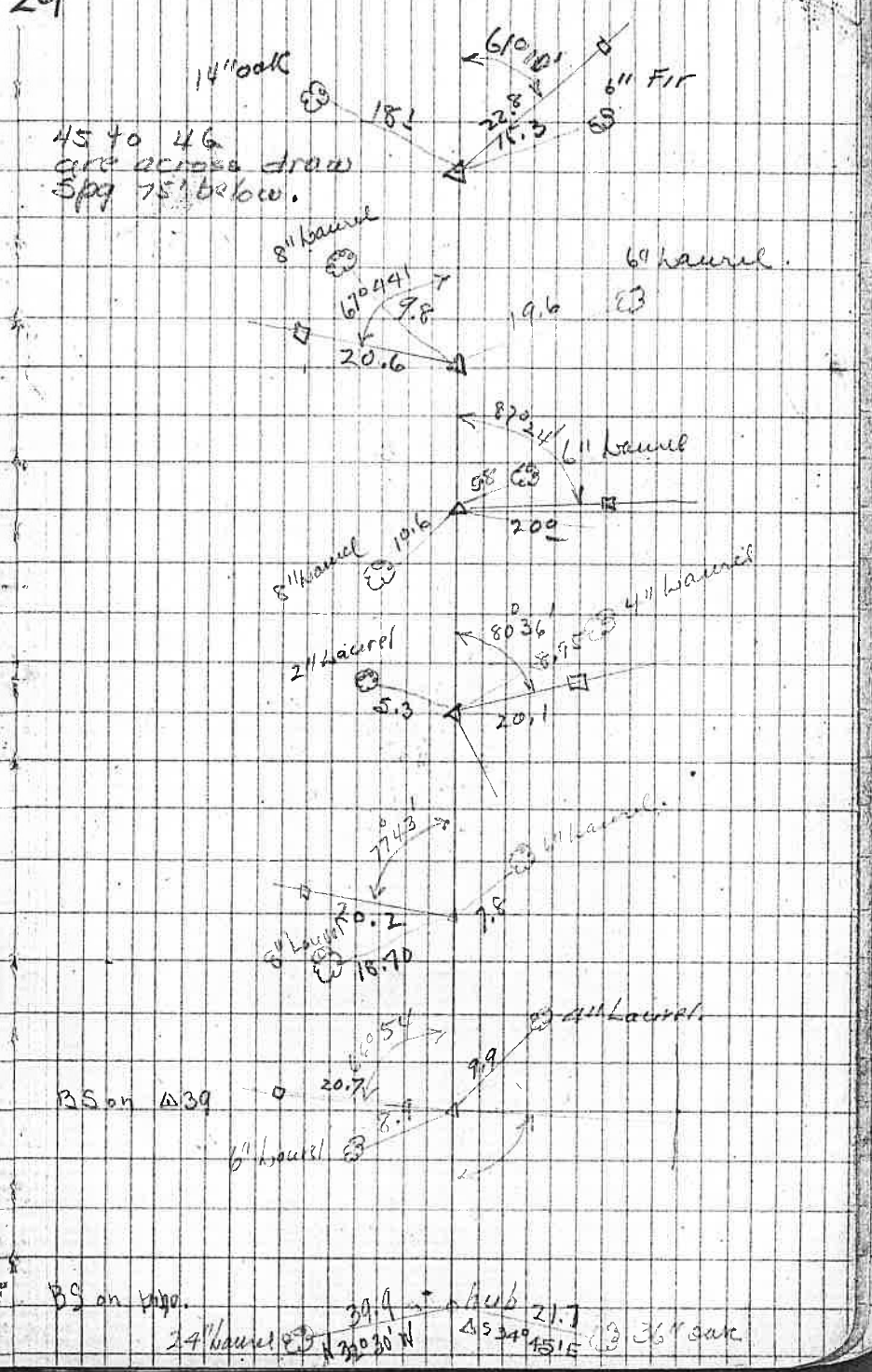
Stone on E bndry. B.S on pipe at Δ28



4 — Extension Laurel Ave Thro Blk 3. J Sutherlin.

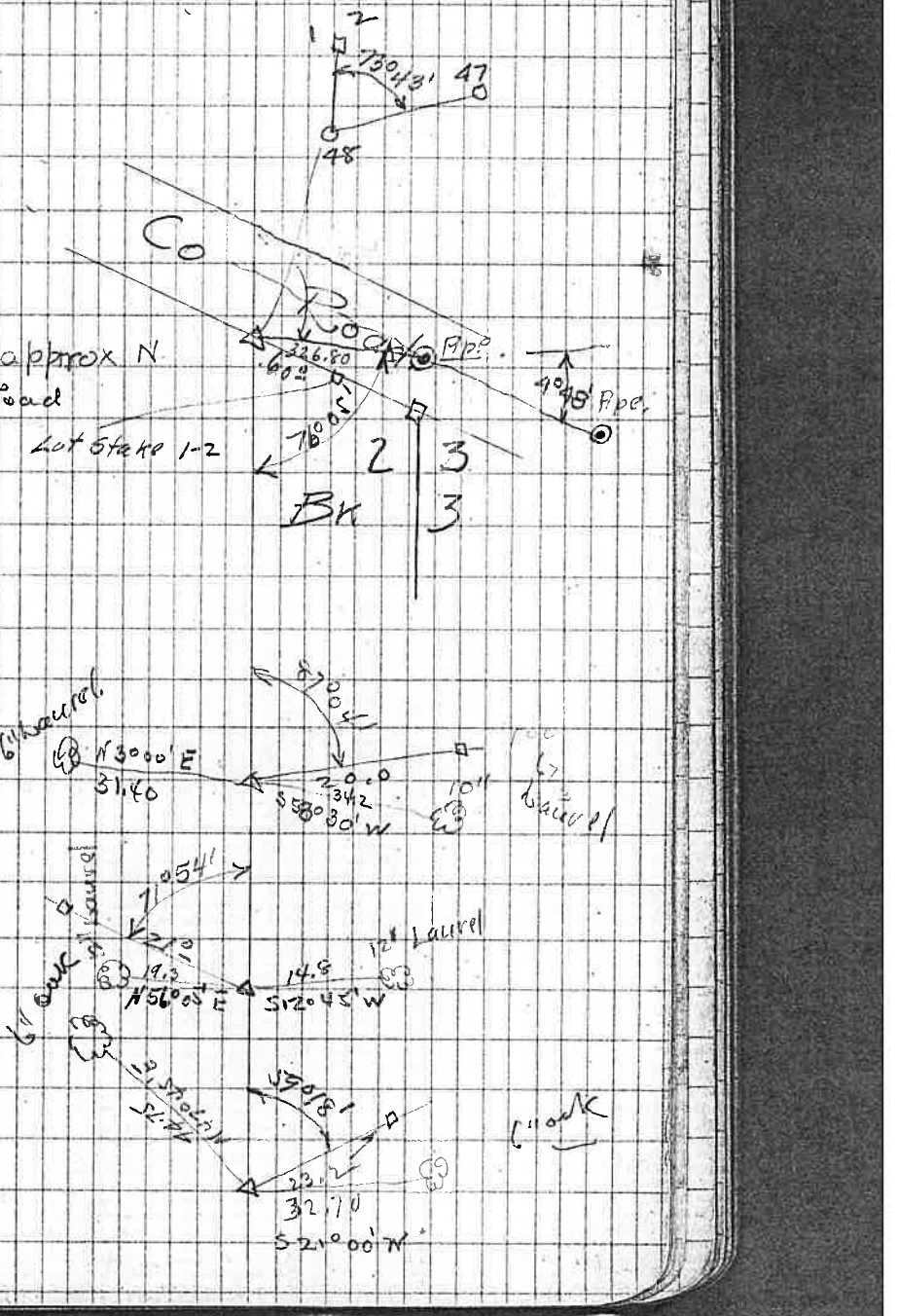
FB 129

Sta	Δ R	Δ L	Dist	M.C	
Δ 45	57°39'		65.30	N79°30'E	
					45 to 46 Grd across draw 5pg 75' below.
Δ 44		15°41'	108.35	N22°00'E	
Δ 43	5°12'		99.00	N67°00'E	
Δ 42	18°48'		159.99	N61°45'E	
	See Cut off.				
Δ 41		24°34'	98.41	N43°00'E	N43°07'E ✓
Δ 40		46°12'	54.61	N67°45'E	N67°41'E ✓ BS on Δ39
Δ 39	13°38'		58.60	S66°00'E	S66°07' ✓ BS on Pipe.

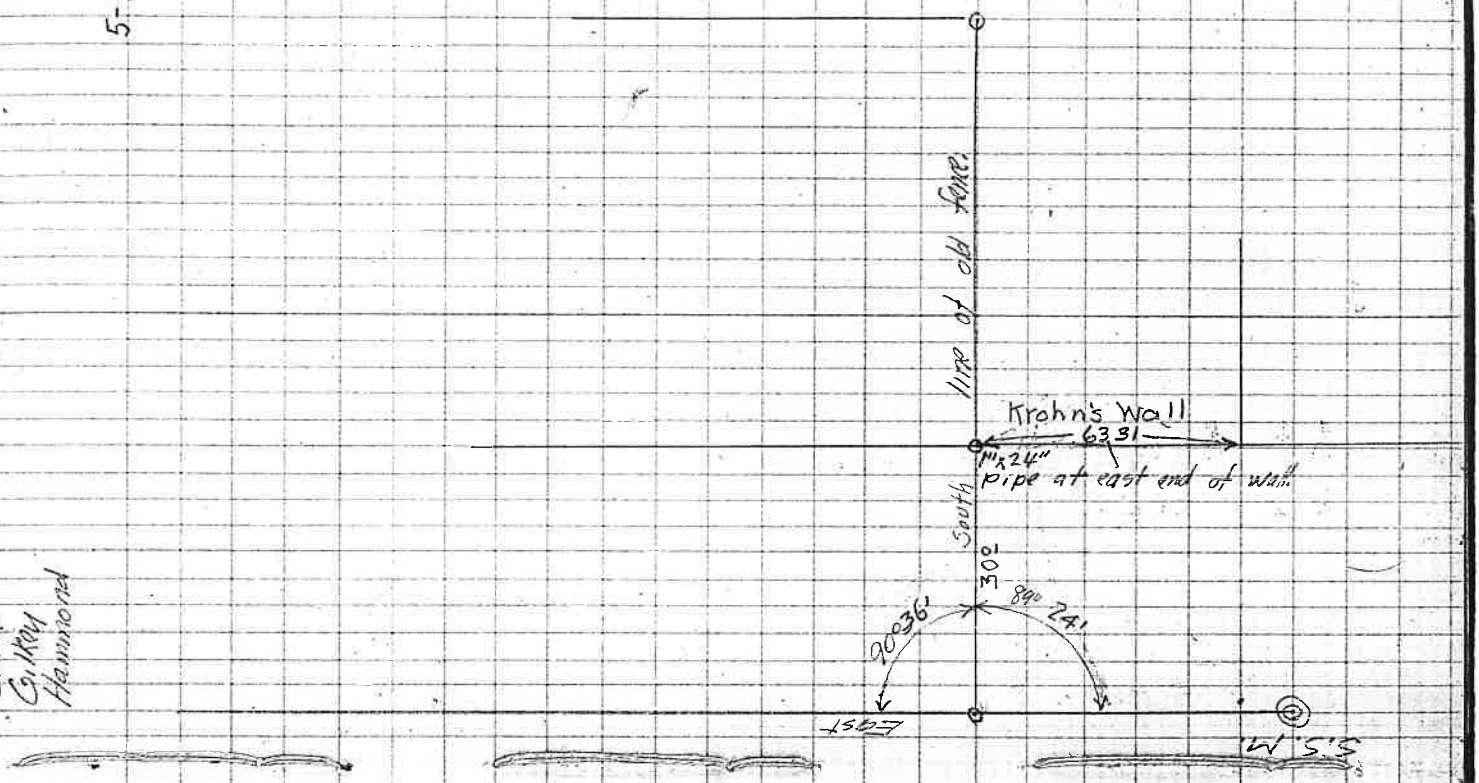


5 — FB 129

Sta	Δ R	Δ L	Dist	M.C
Δ49				
Δ48	5°51'		367.60	S70°00'E
Δ47		36°11'	130.45	S75°15'E
Δ46	61°24'		184.1	S39°00'E



5-22-14



Alex's Clarke Co. Map Hammond

FB 129

6

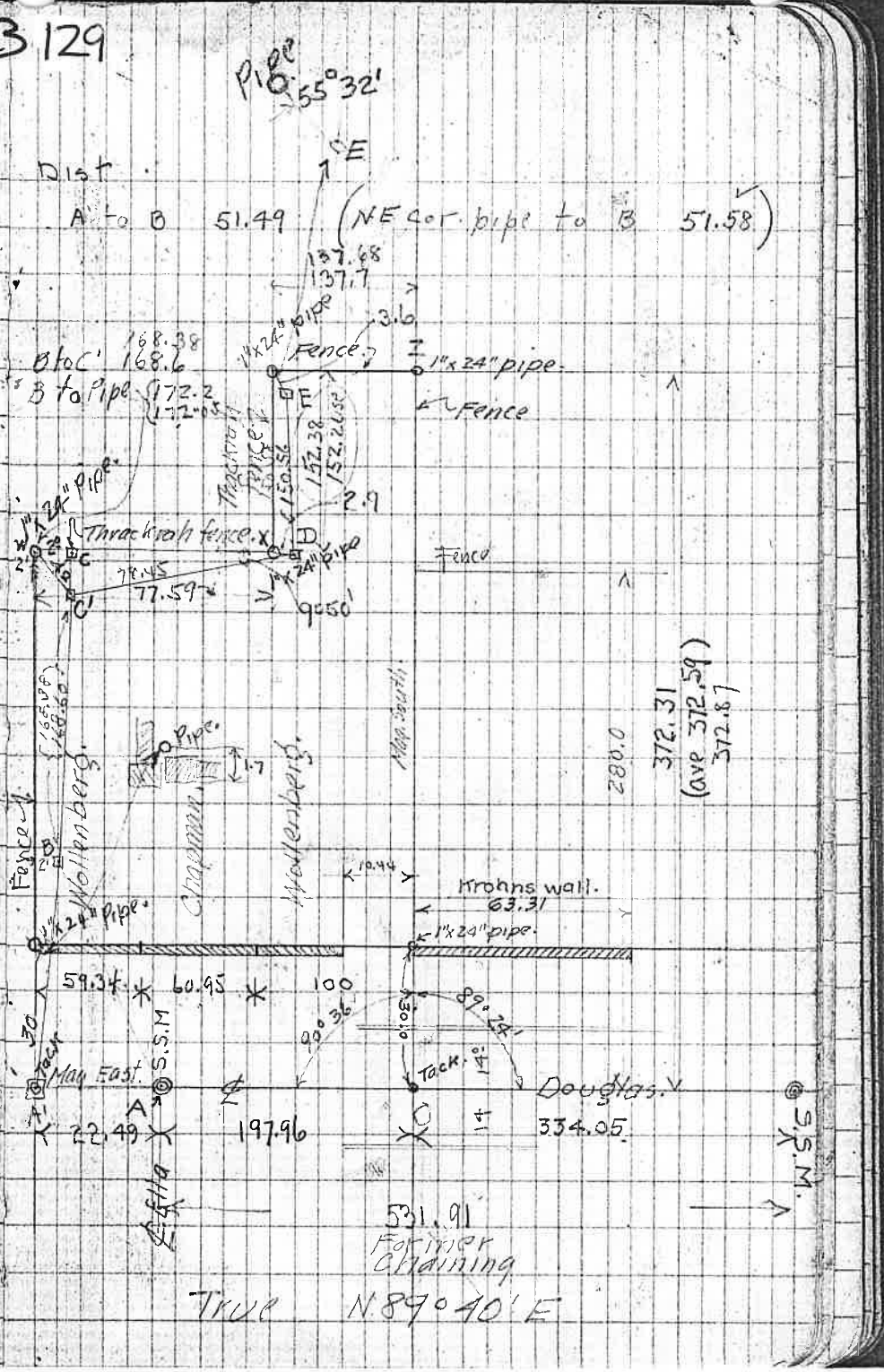
7

Wollenberg Survey
E. Douglas

FB 129

Sta	B.S on at west.	F.S on	∠ R.	∠ L	M.C.
A	S.S.M	B	68°25'		S21°00'E
⊙B	ver A down	to A 18°50'	Slope dis. 58.40		(55.27 Horiz)
B	A	C	21°45'		South.
B	A	C'	21°45'		South.
C'	B	D	87°19'	S87°15'W →	
C'	B	pipe W		300°09'	S30°00'E
C'	B	pipe X	86°57'		
D	C'	E		87°14'	S10°30'E
E	D	pipe Z	90°22'		S89°51'W
Z	E	tack O	88°48'		N1°00'W

17

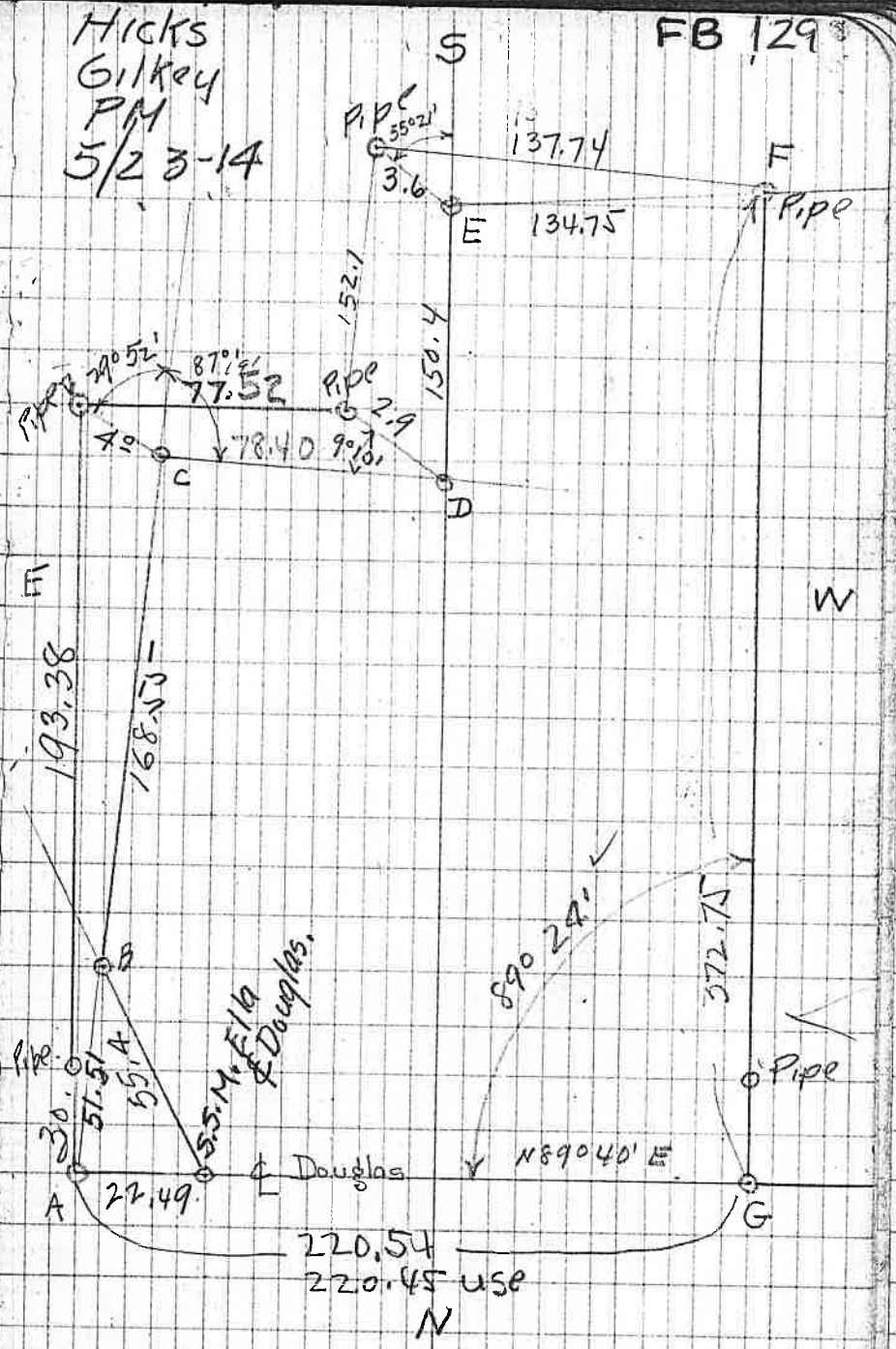


8 Resurvey of Wollenberg Tract.

Hicks
Gilkey
PM
5/23-14

FB 129

Sta	∆ R	∆ L	B.S on	M.C	To
B ∆		2°13'	A	S 00°15' W	C
C ∆	87°19'		B	S 88°00' W	D
D ∆	90°22' use	87°15'	C	S 1°45' W	E
E ∆	90°20'		D	N 89°45' W	F
F ∆	88°47'		G	N 0°15' E	G
G ∆				S 88°45' E	A
A ∆	92°24		G	S 3°15' W	B
A ∆	90°11'			S 1°30' W	To pipe



9 FB 129

10

FB 129

11 FB 129

$\frac{33}{4}$

4) 33 — 32 — 1 — $\frac{1}{4}$

$\frac{1}{4}$

35 2

diff 0.69 above curb,

Rod 6.50 on top curb opp ℄

6.9

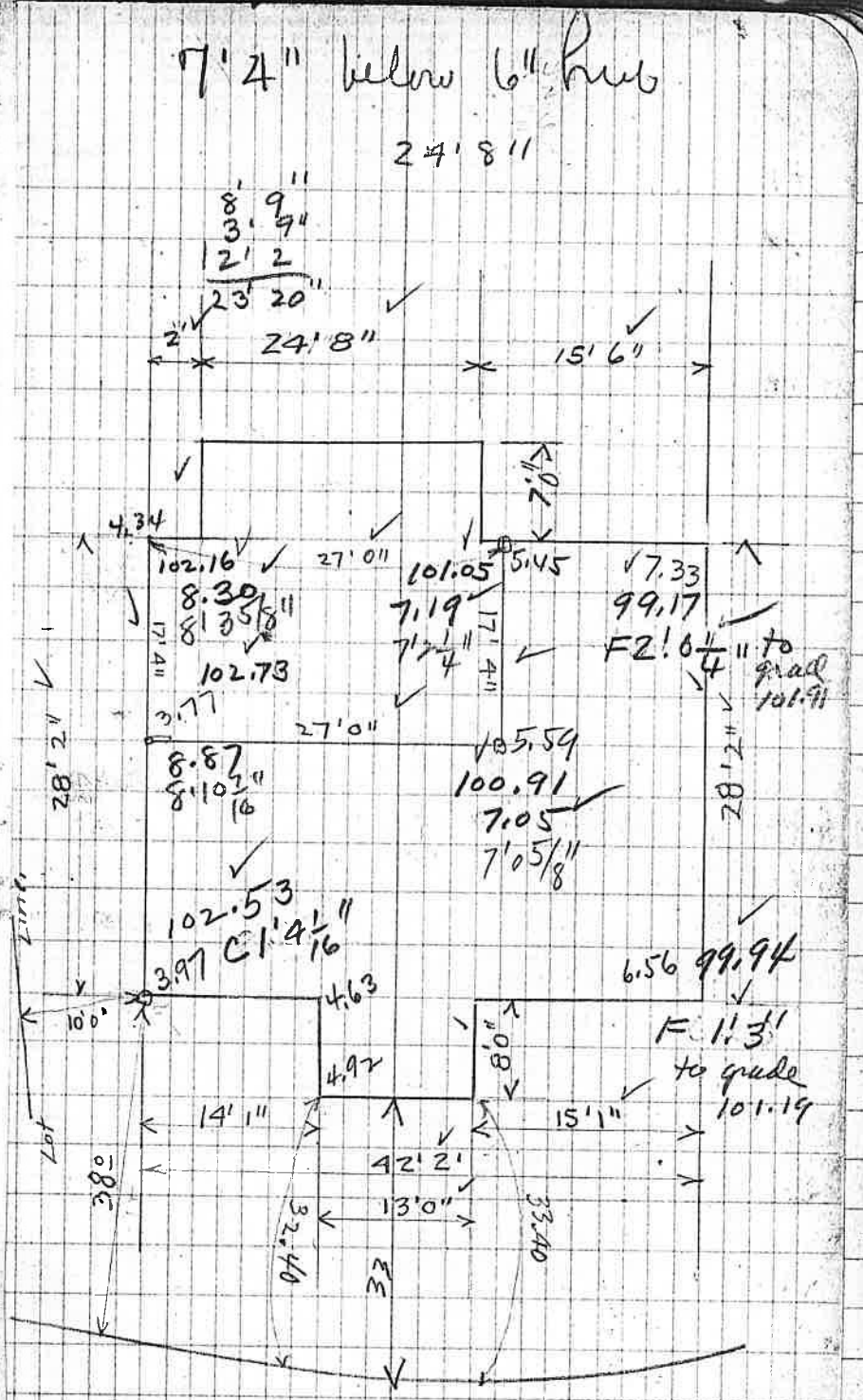
Grade rod 5.81 at ℄

5

5.31

Curb & Grade	6.50	106.50	100.00
		5.31	101.19
Cellar depth			7.33
			93.86

7'4" below 6" hub



12 Cut-off Laurel Crest Road.

Sta	Dis	Δ R	Δ L	M.C	C.C
Δ 42					✓
	252.6	43°03'		N85°30'E	N86°10'E
Δ 43					
		11°31' ✓		S83°00'E	S82°19'E ✓
	87.3				
Δ 44					✓
			19°20'	N78°00'E	N78°21'E
	100.8				
Δ 45					✓
		52°31'		S49°45'E	S49°38'E
	55.1				
Δ 46					
	82.0		16°41'	S66°20'E	S65°49'E ✓
Δ 47					
	115.0		29°36'	N84°00'E	N84°35'E
Δ 48					
		32°21'		S63°39'E	S63°04'E
	98.3				
Δ 49					
	160.7		24°40'	S88°06'E	S87°44'E ✓
Δ 50					

Gilkey
C Christie.
C.H. Barge.

FB 129 6-12-14

13.5 on 41 Course S 42° 30' W

Graduated rent.

BS on 42 Course N 85° 30' E
4" Oak N 22° W 38.1
6" Laurel N 25° 30' E 28.5

BS on 43 Course S 83° 00' E
8" Laurel N 43° 30' W 28.0
4" Laurel N 18° 30' E 29.2

+50 W edg Δ45 on west edge. ravine
C 5 E

BS on 44 Course N 78° 00' E
7" Laurel N 6° 30' E 33.9
4" Oak. N 50° 30' W 26.0

BS on 45 Course S 49° 45' E
4" Laurel S 31° 30' W 26.0
6" Oak. N 8° 30' W 20.0

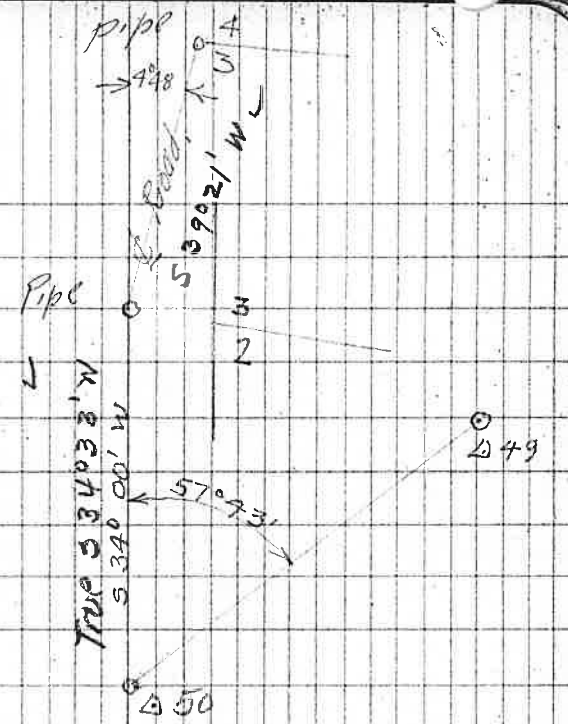
BS on 46 Course S 66° 20' E
6" Laurel. 19.5 S 14° W
3" Oak. 22.6 N 22° E

BS on 47 Course S 84° 00' E

BS on 48 Course S 63° 39' E

on N line Co road old Sta 49

13 FB 129


Pipe
4
3
498
Edge Road
S 39°21' W
5
Pipe
3
2
49
N 33°33' W
S 34° 00' W
57.31'
50

14 FB 129

6" Wrought Iron Screw 75¢

6" Sewer. 70¢ per x

June 27-

N 23° 21' 32.9"
5.38

23 21 27.52
5.38

23 21 22.14
5.38

23 21 16.76
5.38

23 21 11.38
5.0

23° 22' 01"

4 am.

23 21 32.9

5

6

7

8

23 21 11.38
5.38

23 21 6.00
50

23 21 56

90 00 00
43 10 13

46 49 47 Colax.

15 FB 129

230 22' 41.95
35
23 23 11

23 22 41.95
4.35
23 22 37.60
50
23 23 27.60

90
Lat. 43°10'13" ✓
Colat. 46°49'47" ✓

N 23° 23' 29.8" 4 am
4.35
23 23 25.45 5 am
4.35
23 23 21.10 6 am
4.35
23 23 16 75 7 am
4.35
23 23 12.40 8 am
4.35
23 23 8.05 9 am
4.35
23 23 63.70 10 am
4.35
23 22 59.35 11
4.35
23 22 54.00 12 noon
4.35
23 22 50 65 1
4 3
23 22 46 30 2
4.35
23 22 41 95 3 ✓

-16 FB 129

Location East line
Cl. 55. T-27-S R-6-W

W. Christie.
C. Christie.
L. G Hicks.
I. N. Johns.

6/26-14 PM
6/27-14 AM PM
6/28-14 AM PM.

Found Black Oak. Down at forks. Marked C 55. R-6W T-27-S. 2" wild apple Tree NW about 3.8 feet.

7"	B Oak.	63.9	S 70° 00' W.
6"	W. Oak	18.88	S 47° 30' E
2"	W. Apple.	3.80	N 19° 30 W
0+00	3" Oak post.		

70
55
300
215
80
80
100
100

640
720
800
900
1000
15
1015

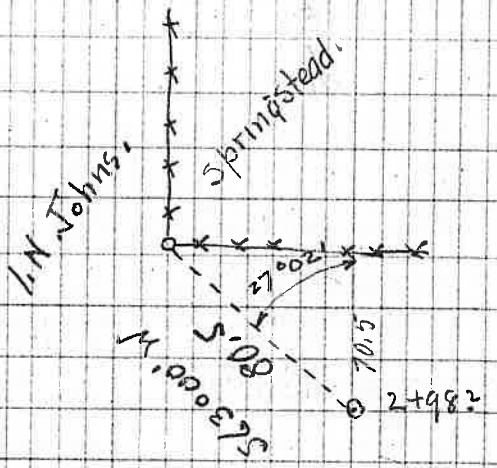
11+22
To NE Cor. Cl 55

10"	W. Oak.	36.2	S 23° 30' E
10"	W. Oak	64.0	N 52° 15' E
	3" oak post.		

△ 89° 51' to left. Mag N 89° 00' W. on

298.2 ①

214.7 ②



1122
10.5
11.7

298.2
70.5
368.7

17 FB 129

3 ↓ 161.8 4 ↓ ⊙ Slope dist 170.0 — 1.8 Hor
Ver Δ + 15° 43'

4 ↓ 94.21 ⊙ Slope dist 95.0 — 0.3
Ver Δ + +5° 50'

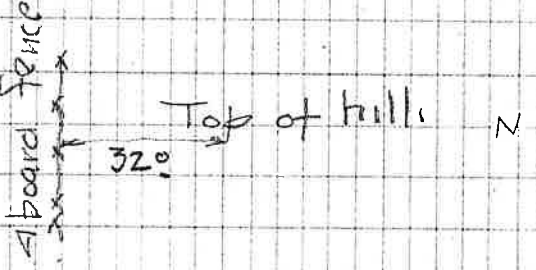
5 ↓ 77.60 ⊙ Slope dist 80.0
Ver Δ − −12° 50' — 0.4

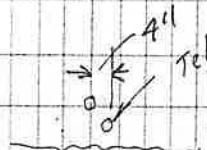
6 ↓ 226.57 ⊙ Slope dist 270.0
Ver Δ − −32° 57'

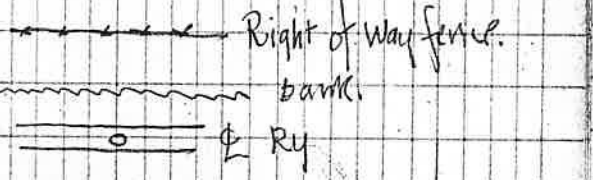
7 ↓ 226.53 ⊙ Slope dist 240.0 — 0.3
Ver Δ − −19° 04'

8 ↓ 67.2 ⊙ Hor dist to ℄ O&C Ry.
67.2

9 ↓ 129.74 ⊙ Slope dist to point West side Pac Highway.
Ver Δ 130.0 −7° 39' +0.9

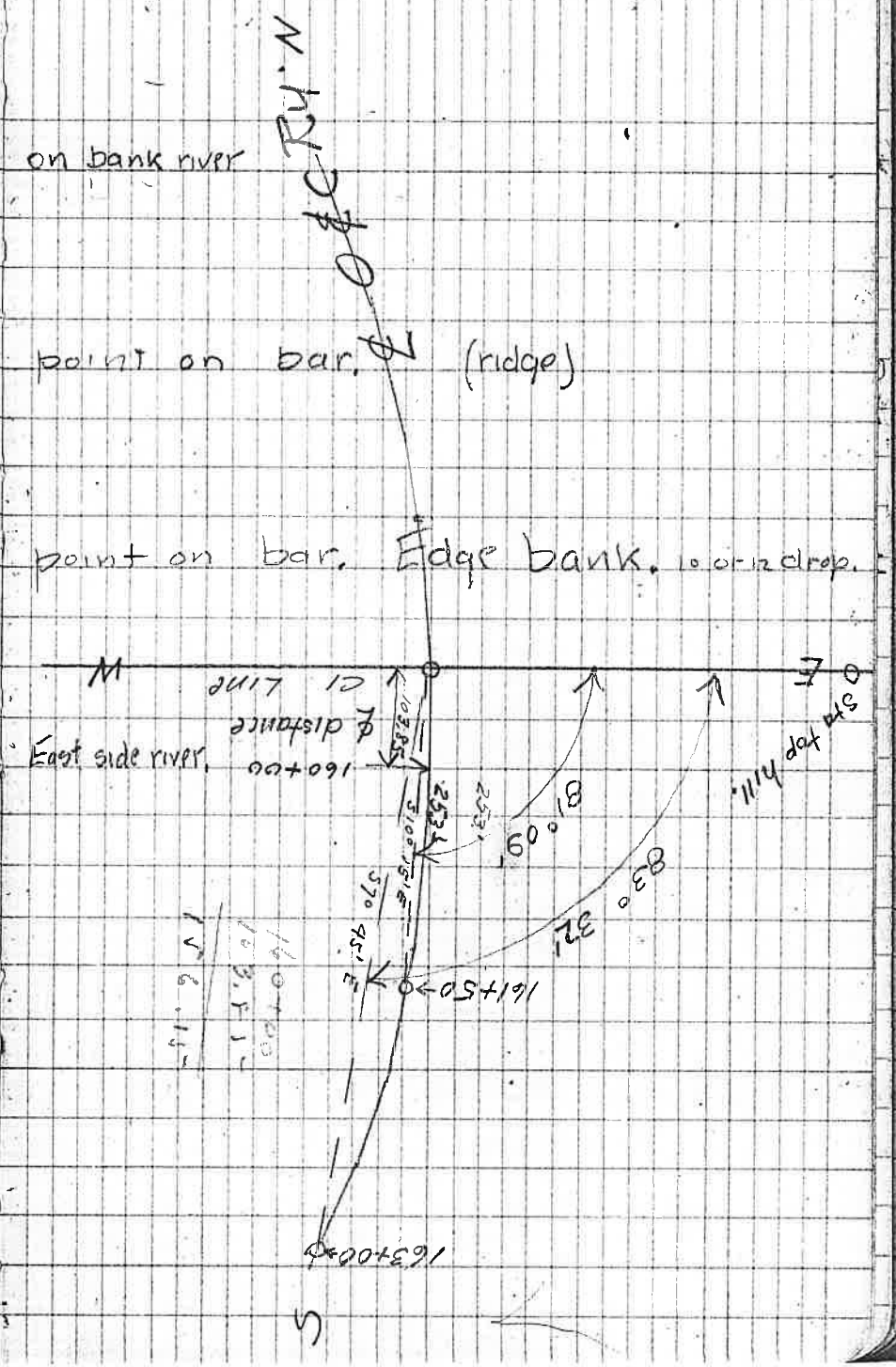




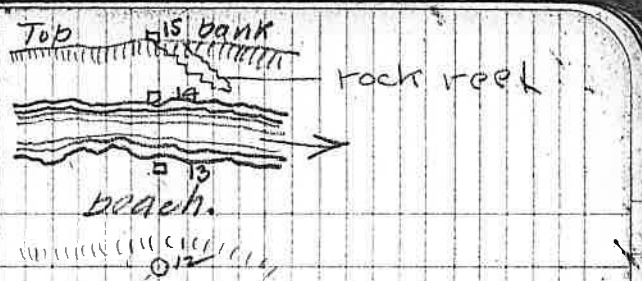


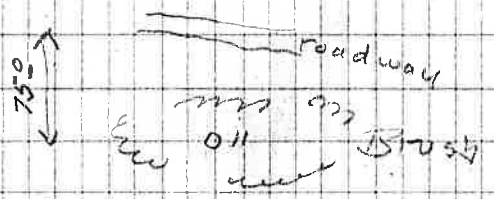
18 FB 129

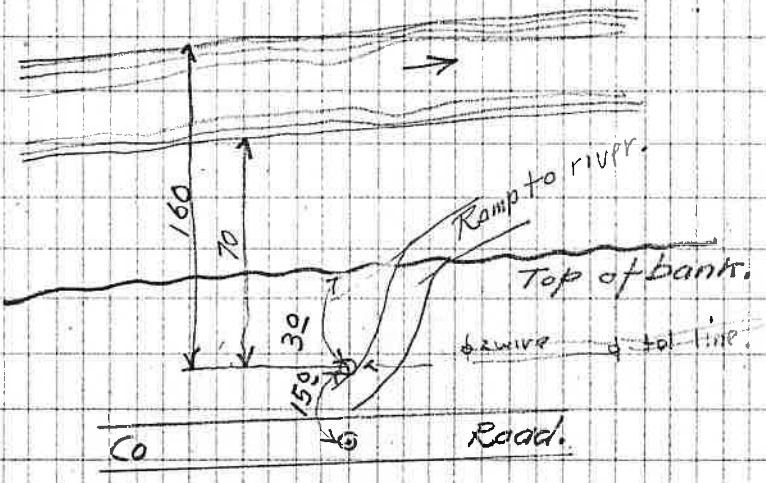
10 260.36	⊙	Slope dist 260.0 Ver △ -2° 28'	+0.6	on bank river	
11 369.9	⊙	Hor dist 369.9		point on bar. (ridge)	
12 212.18	⊙	Slope dist 213.0 Ver △ -5° 02'	0.0	point on bar. Edge bank. 1.0 ft drop.	
13	□	Hor dist. 156.0		East side river.	
14	□	Hor dist. 88.0			
15	□		260. 370		

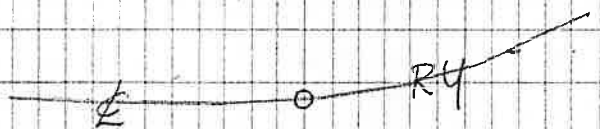


19 FB. 129

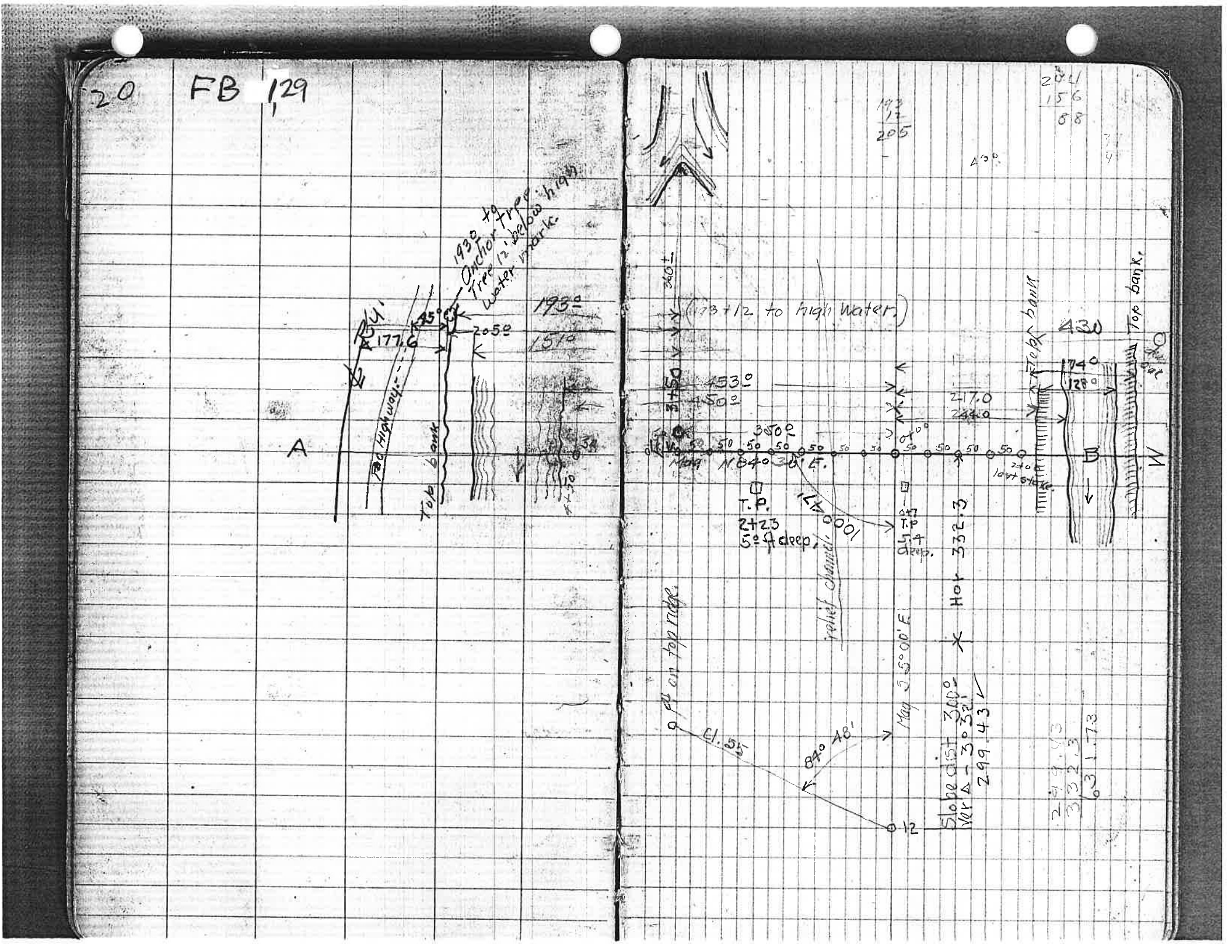

Top
15 bank
rock reek
14
13
beach.
12


75'-0
roadway
Oil
Brush


160
10
Ramp to river.
Top of bank.
30'
15'
Co
Road.


℄
RY

20 FB 129


A
B
Top bank
Top bank
Top bank
Top bank
Rd. 24'
Rd. 177.6
45°
Rd. highway
1930 to Anchor tree
Tree 12 below high water mark.
195.0
205.0
151.0
153.0
150
Top bank
Top bank
(178 + 12 to high water)
360 +/-
174.0
128.0
217.0
244.0
240
Top bank
N 84° W 3 S. F.
T.P. 2+23 5.9 deep.
T.P. 5.4 deep.
relief Channel
Hor 332.3
Slope dist 300'
Ver Δ - 30.32
299.43
84° 48'
El. 55
12
May 5 50.00' E
Hor 332.3
331.73

21 FB 129 Levels on line AB

Sta	B.S	H.I	I.S	T.P	EL
	11.48	72.93			61.45
4+50			11.15		61.78
4+00			7.65		65.28
3+50			5.90		67.03
3+00			3.10		69.83
2+50			2.80		70.13
2+00			4.20		68.73
1+50			9.90		63.03
1+00			10.60		62.33
0+50			7.90		65.03
0+00	x		4.60		68.33
0+50			3.80		69.13
1+00			3.30		69.63
1+50			3.80		69.13
2+00			4.40		68.53
⊼				7.00	65.93
	2.22	68.15			
			8.30		59.85

Water level Sta 4+53 East

Water level Sta 2+44

22

FB 129

Sta	B.S	H.I	I.S	T.P	Elev	
	3.42	103.42			100.00	To rail at 166+00 (West rail.
⊼				12.60	90.82	
	4.44	95.26				
			11.00		84.26	County road on line AB
⊼				11.08	84.18	
	4.78	88.96				
=			9.54		79.42	
	2.78	82.20				
			20.75		61.45	Water level.

12.75
20.7

FB 129

23

T 27 S., R. 4 W.

Road — Deer Creek to Fall Creek.
Surveyed Nov. 8, 1854 to Nov. 11, 1854
Surveyor, J. A. Burnett

	Sec. Corner 1-2-11-12
East	On Random Set. Sec. 1 & 12
40.00	Set temporary 1/4 post.
46.00	Enter prairie
52.00	Road N & S
79.50	Intersect 75 lks. N of post.
N 8° 28' W	On true line Set. Sec. 1 & 12
39.75	Set 1/4 Cor. Post, from which
	A. W. Oak 8" N 2° E 35 lks.
	B " 15" S 25° E 35 "
79.50	To Sec. Cor. 1-2-11-12

Cor Secs. 1-12-6-7

} ORIG. BT'S

12-30-02

25 FB 129

15+01.1

NE Cor-C1.48

86°

347.4

16+99.1 ~ 43+43.0N

2 7 0 0 J
J 6 1
2 7 6 1.9

3 0 0 0
2 7 6 1
2 4 1
1 1 2
3 5 9

22+38.8

1.7

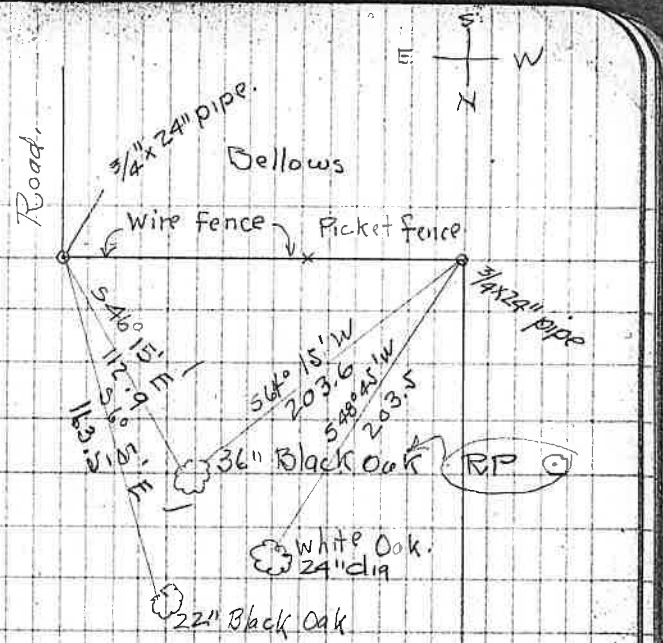
NW Cor
C1.48

54.4

27+05.3

26- FB 129

27 FB 129


S
E
W
N
Road.
3/4" x 24" pipe.
Bellows
Wire fence
Picket fence
3/4 x 24" pipe
S 46° 15' E
112.9
S 46° 15' W
203.6
S 48° 45' W
203.5
163.2
N 87° E
36" Black Oak
RP
White Oak.
24" dia
22" Black Oak

28- FB 129

Declination Setting for

Wed. Aug. 12, 1914

hr dif. = 44.74"

Latitude 43°17' N

Co- " 46°43'

Longitude 120° W

15°	09'	42.9		
	02'	59.0		
15°	06'	43.9	+ 0'	00"
		44.7		
15°	05'	59.2	+ 0'	43"
		44.7		
15°	05	14.5	+ 0'	35"
		44.7		
15°	04	29.8	+ 0'	30"
		44.7		
15°	03	45.1	+ 0'	30"
		44.7		
15°	03	00.4	+ 0'	30"
		44.7		
15°	02'	15.7	+ 0'	35"
		44.7		
15°	01	31.0	+ 0'	43"

Cor Secs. 13, 18, 19, 24

T 26 S, R 4 & 5 W

Var 21°30' E

Lawrence Survey

S89°35' E

S89°34' E

Bearing of base line

Vert ∠ 42°00'

58°23 3 PM

S68°22' W

(S68°21½ W)

Vert ∠ 40°46'

S70°04 W

S70°02 W

= 15°07' 43.9 - 8 AM.

= 15° 06' 42" 9 AM

= 15° 05' 49.5" 10 AM

= 15° 04' 59.8" 11 AM

= 15° 04' 25.1" 12 M

= 15° 03' 30.4" 1 PM

= 15° 02' 50.7" 2 PM

= 15° 02' 14" 3 PM

29 FB 129

Sta.	Dist.	ΔL	ΔR	C.C.	M.C.
			3" oak post		
28+32.0			3/4"x18" pipe		
- Meander Cor.					
	60.7			N8°56E	
27+71.3		8°56'			
	121.7			North	
26+49.6 = 1/4 Cor.			3°01½		
	65.0			N3°01½W	N3½W
25+84.6		3°01½			
	209.0			North	
23+75.6					
	166.2				
22+09.4					
	171.4				
20+38.0					
	331.2				
17+06.8					
	206.6				
15+00.2					
	1500.2			North	
0+00		90°26			
				S89°34E	

North on random E. bdry.
Sec. 24-26-5
Aug. 13, 1914

26+49.6 = 1/4 Cor. bet 19+24
3/4"x18" pipe (B.T.)
3"oak stake
30" B. oak S28°W - 5.7 ft
6" W. oak N71¼°E 14.6
8" " " N61¼°W 50.4
6" B oak dead

wire fence 71.2
3.4W

wire fence 63.4

wire fence 25.8W

new " " 16.8W
old wire fence 12.9W

20+60 cross wire fence
wire fence 2'W
rail " 4'W (rail fence ends)
19+60 cross rail fence
rail fence 14'W
wire " 24.8W

25'W to wire fence

Note
Wire fence about 5 yrs. old

Random Cor Secs. 19, 24, 25, 30 set by Hicks
3/4"x18" pipe
See page 35 for notes on setting true Corner.

30 — FB 129

Sta.	Dist.	ΔL	ΔR	C.C.	M.C.
Δ9		0°46'			
	301.0			S49°46½W	S49¾°W
Δ8		7°40'			
	382.7			S57°26½W	S57½°W
Δ7			12°12½'		
	227.9			S45°14W	S45°15W
Δ6		5°59'			
	225.9			S51°13W	S51½°W
Δ5			11°23'		
	360.8			S39°50W	S39°45W
Δ4			0°45'		
	368.6			S39°15W	S39°W
Δ3			0°29'		
994 Δ2	432.5			S38°36W	S38°45W
23+98.6		11°50'			
	676.4			S50°26W	
17+22.2	508.1				
	507.7				
12+14.5					
	1214.5			S50°26W	S51°W
Δ1		0°38'			
	231.1			S51°4W	S51°W
0+00		128°51			
				North	

River Traverse
T26-5
Lawrence Survey

Aug 15, '14
R.M.
C. Christie
W. "
D. Long
Flesser

1/4 Cor bet 24 & 25
3/4" x 18" pipe
3" oak post
8" W oak N48½°E - 11.5
10" " " N64°W 32.3
BT 18" " " S62°W - 9.9
BT 30" B. oak N67°E - 55.0

1/4 Cor (S40°45E mag) S40°27E
206.7
Δ5
131°18
Δ4
(S38°45E mag) S38°27E
iron pipe
Cor Secs. 19, 24, 25, 30

15' N to edge of bench
Sta 27+71.3 on random line W.
Secs. 19 & 24

FB 129

Sta	Dist.	ΔL	ΔR	C.C.	M.C.
1/4 Cor. bet 25+26					
				S0°50'E by Hicks	
				S0°01'E	S0°15W
Δ15 = NE Cor. L3		Plot B 71°36½			
	196.0			S71°35½W	S71°35W
Δ14		0°07'		S71°38W	
	136.1			S71°42½W	S71°W
Δ13			2°22'		
	258.1			S69°20½W	S69°20W
Δ12			7°13'		
	442.1			S62°07½W	
Δ11			10°35'		
	357.5			S51°32½W	S51½°W
Δ10			2°32'		
	479.5			S49°00½W	

River Traverse - Cont'd.

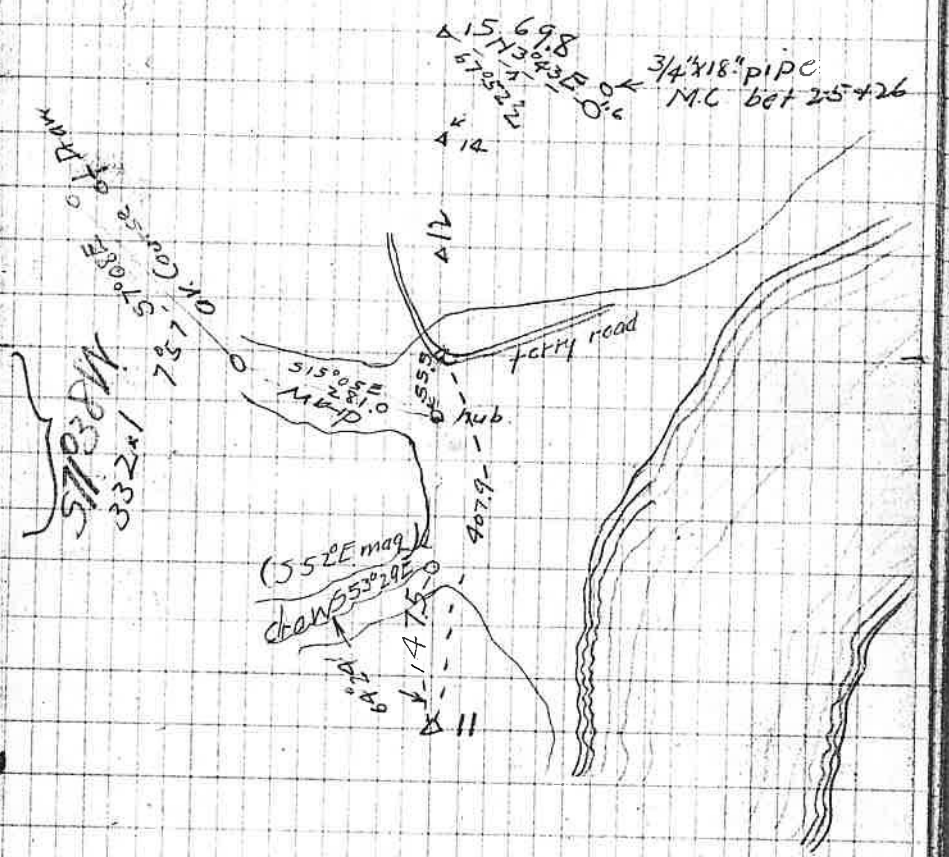
Vert∠ 58°36

S22°18E

22° 11' E

11.30 A.M.

Aug. 17, '14.



32 FB 129

Traverse of Road to Kohlhagen's ferry

Sta.	Dist.	∠	∠	C.C.	M.C

33 FB 129

Traverse of Fern Creek
Right bank
Aug. 16 '14

Sta	Dist.	∠L	∠R	C.C.	M.C.

34 FB 129

Sta	Dist	ΔL	ΔR	C.C.	M.C

FB 129

35 random Sec Cor

Sta	Dist	ΔL	ΔR	C.C.	M.C.
25+91.8			34°45		
	70.8				
25+21.0					
	351.4				
21+69.6					
	622.3				
15+47.3					
	403.6				
11+43.7					
	245.1				
8+98.6					
	161.8				
7+36.8					
	100.4				
6+36.4					
	83.5				
5+52.9					
	89.1				
4+63.8					
	170.7				
2+93.1					
	293.1			North	
0+00		90°52'			
				S89°08E	

543

123°19'

N88°34W
N33°19E
~~N34°45E~~

North on random line bet Secs. 25 & 30

Aug. 17, '14
Aug. 18, '14

59°33'
S58°46E
45°20'
19'
10 AM - 8-18-14
(57.01)
S57°01E
46°20'
19'

random Sec Cor set by Hicks

12.0
S55°45E
N34°45E
25+91.8

3/4" x 18" pipe
Cor. Secs 19, 24, 25, 30

NOTE
Recorded courses should be turned 0°56' to left to agree with true courses

1/4 Cor bet 25 & 30

36

FB 129

Sta.	Dist.	ΔL	ΔR	CC.	M C.
~~8~~			71°21	N50°28	E = N50°26
	630.6			N20°53W	N21°03W
Δ7 9+14.5		81°36'			
	413.9				
5+00.6					
	500.6			N60°43E	N60°20E
Δ6 8+06.3			21°10'		
	698.0			N39°33'E	
1+08.3					
	108.3			N39°33'E	N39°30E
Δ5 5+83.3		19°40'			
	222.5			N59°11'E	
3+60.8					
	360.8			N59°13E	N58°45E
Δ4			5°21'		
	479.1			N53°52'E	N53°45E
Δ3		9°30'			
	511.5			N63°22'E	N62°45E
Δ2		1°15'			
	423.6			N64°37'E	N64°37E
Δ1		9°27'			
	459.7			N74°04E	N74°15E
0+00			74°05'		
				N0°01'W	

Traverse of River Road ℄ thru' Lawrence Tract

Aug. 19, '14

Int. River Traverse at Δ1 + 2343.6

40' external Sec

Δ7 Road
30" W Oak N77°10W-100'
24" " " N87°10W-112.6

Δ8 Road
12" W. Oak N15¼°W-31.5
16" fir S12°16E -36.0
18" W. Oak S54°30W-27.8

River Traverse

Δ5 N40°25W 89.6' S50°56W

8°39' ℄ Corbet 2½ A6 ℄ Road 11°23'

Δ5

Δ1 + 205 int with proposed ferry road

2 Δ 2m/5 Hydro

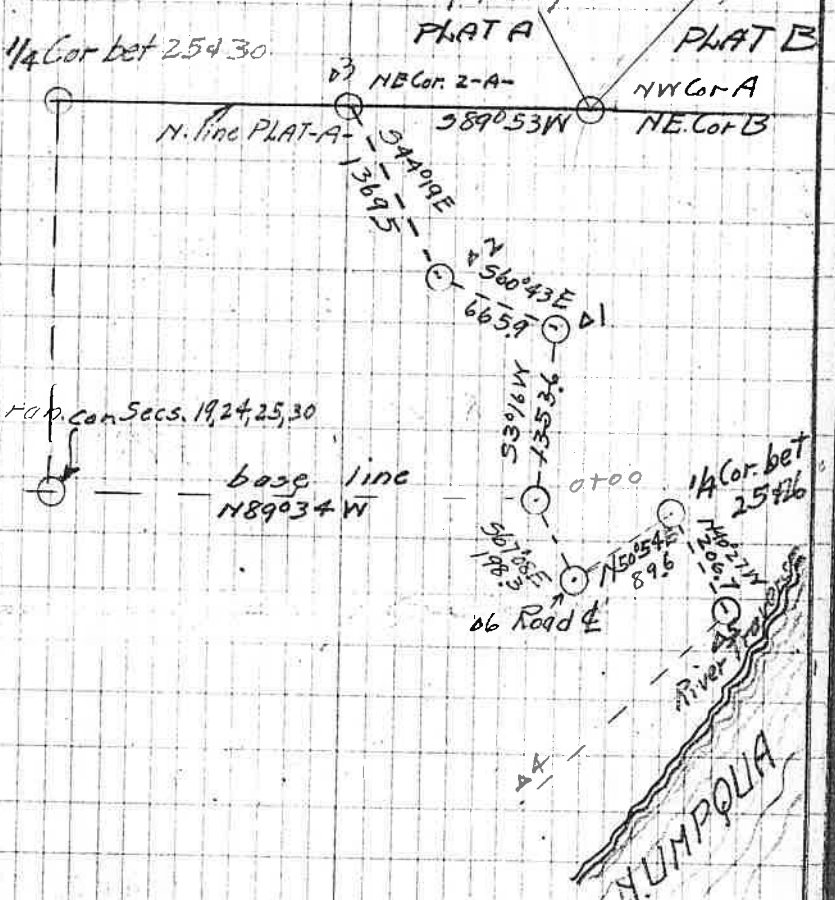
S.E. Cor. Lot 3, PLAT B on ℄ Road
½" pipe

57 FB 129

Sta	Dist.	ΔL	ΔR	CC.	M.C.
Check on bearings				S89°33½E	S89°39E
pt. on base line		22°25'			
	198.3			S67°08½E	
Δ6 Road ℄			61°57½		
	89.6			N50°54E	
¼ Cor. bet 25 & 26		88°39'			
	206.7			S40°27E	S40°45'
Δ5 River Traverse		80°17'			
Δ4 " "				S39°50W	
¼ Cor. bet 25 & 26					
NW Cor-A NE. Cor-B	line produced	0°56'	goes 20'	South Cor. Ls. 43 & 44	N89°11W
				S89°53W	
Δ3 = NE Cor. Lot 2-A			134°12'		
	1369.5			S44°19E	S46°41E
Δ2			16°24'		
	665.9			S60°43E	S61°30E
Δ1		63°59'			
	1353.6			S3°16W	S3°15W
0 to 0		87°10'			
	198.3			S67°08E	N89°34W

Δ6 on Road Traverse

line from base line to North line of PLAT-A — Check on bearings Aug 20'14.



point on base line — bearing N89°34'W

FB 129

38 Reference Points

13+46.6
8" W. oak N3°E - 76.6
8' " " N84°W - 74.6

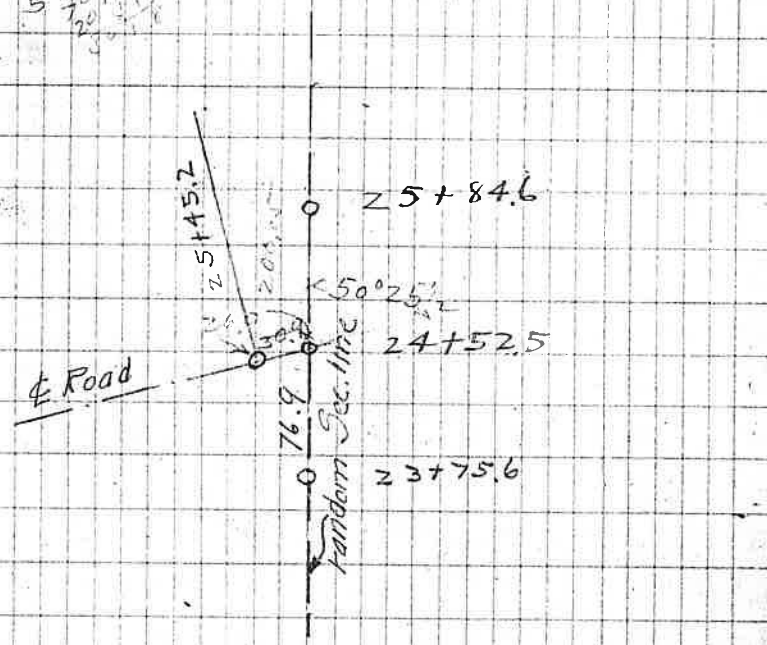
16+46.6
30" fir N65°W - 31.5
40" " N4½°E - 25.0

13+00 on River Traverse
24" B. Oak S36°E - 21.3
36" " " S88°E 27.2

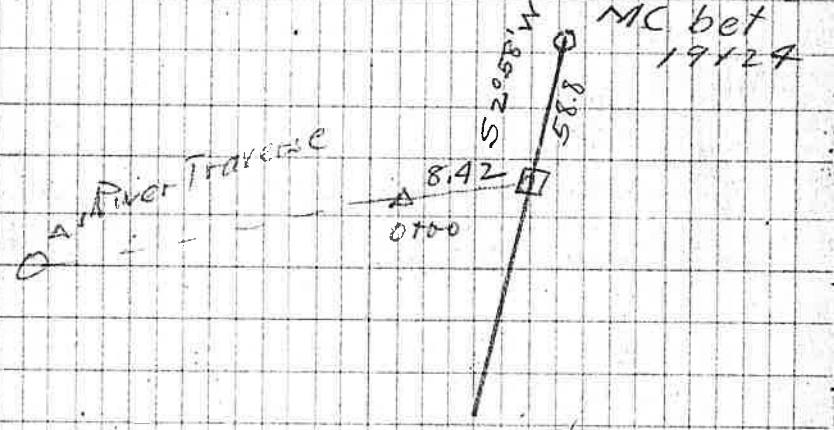
16+00 on River Traverse
24" fir N3°W - 8.0
24" " S17°E - 9.3'
24" balsam S57°E - 12.8

23+00 on River Traverse
10" B. Oak S55°E 26.9
12" " " S7°W 18.3
pt. at int of bdry + River Road
10" W oak S13°W - 8.8
18' B " N6°E 3.3

Continuation of River Road from A8
Sept. 4-5-'14



18+25 West bank Oak Ck.
19+35 East " " "



Reference Points FB 129

Δ8 River Traverse

36" B. Oak — S19°W — 5.7'
24" fir N75°E — 32.1

Δ9 - River Traverse

8" W. oak N71°E 10.6
10" " " N60°W - 2.9'

Δ6 River Road

18" W. oak — N74½°W - 76.0'
6" " " - S29°E — 46.4

352.9 from Δ6 Road

12" W. oak N39°34W — 35.8
36" " " N71°W — 34.7

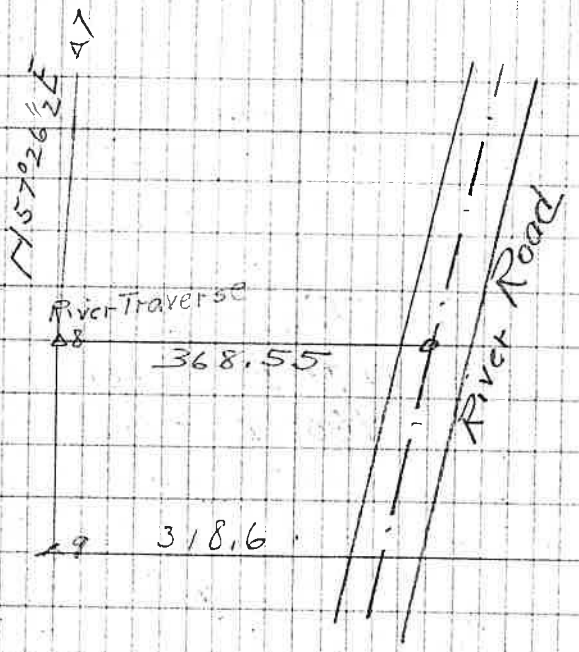
171.3 from Δ3 Road

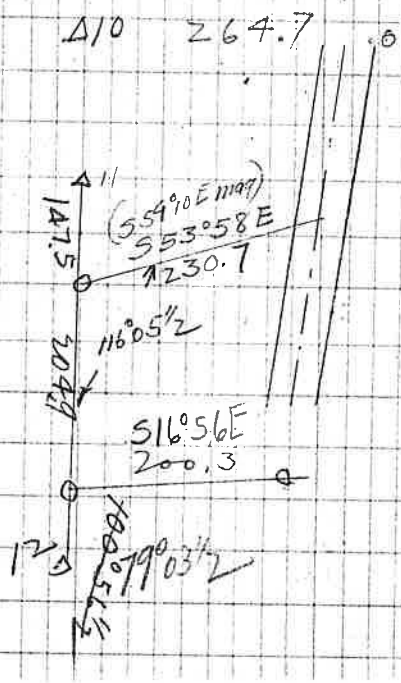
36" B. oak — N35½°W - 19.8
24" W. " - N84½°W - 32.0'

389. from Δ2 Road

18" W. oak — North - 30.7
12" B. " — N30°W - 34.0

Subdivision
Sunshine Ranch





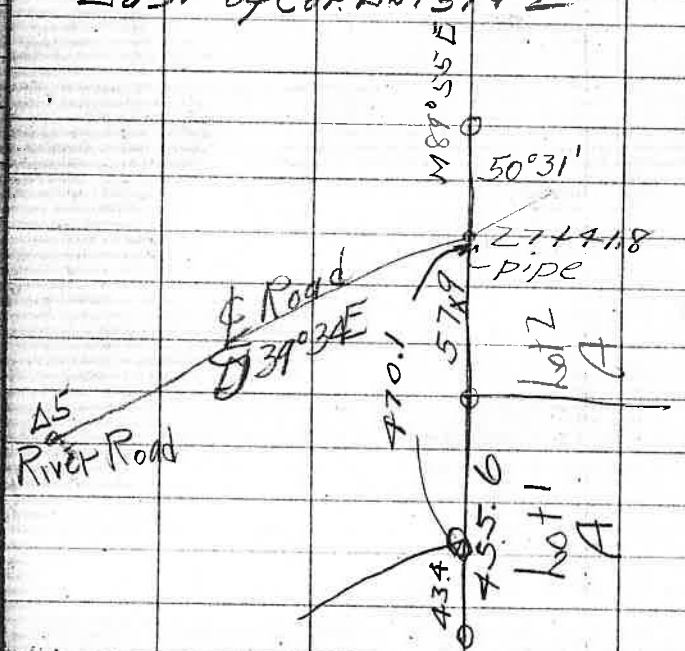
Reference Points FB 129

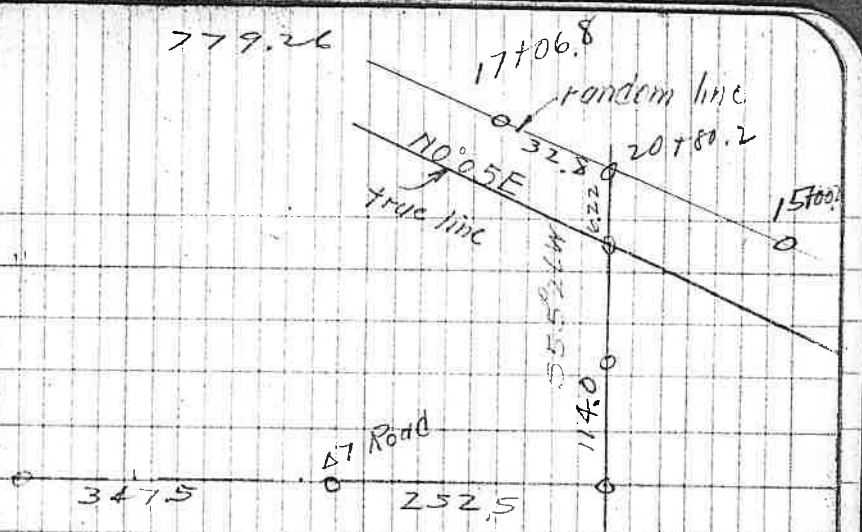
△5 River Road

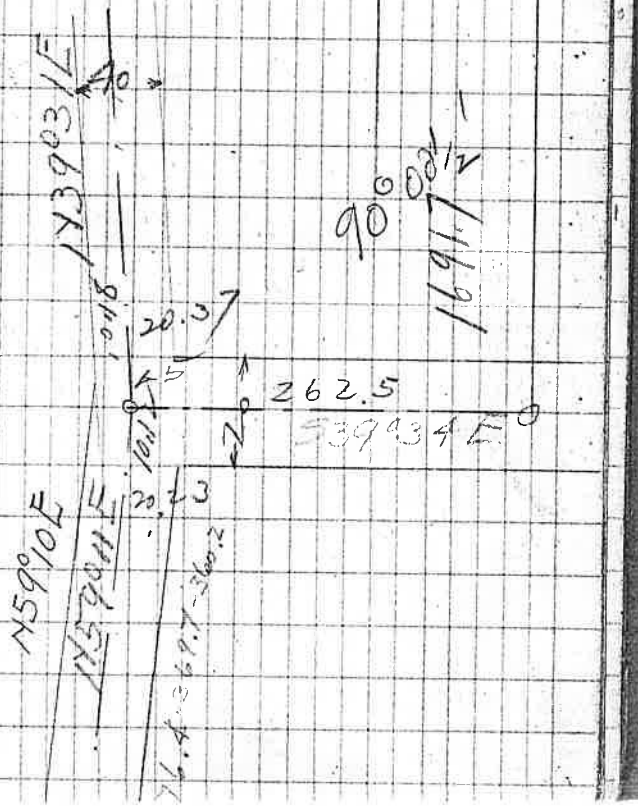
10" W. oak N44°W – 25.3
24" B. " N4½°E – 27.3

0+00 = △5 on River Road

17+38 from △5 enter Fern Clk.
17+88 " " " leave " "
22+12 " " " cross " "
23+52 " " " " " "
25+10 10" W to bank " "
25+30.9 hub
27+41.8 int N bdry. PLAT A 57.91'
East of Cor. Lots 1 & 2







FB 129

4°22' — 255 / 225 / 480 — 478.6

Lot line East

0+00 = 8+625 S of Δ5

5+26.4
152.6
6790
249.6
928.6
213.3
1141.9
255
1396.9 =

0+00

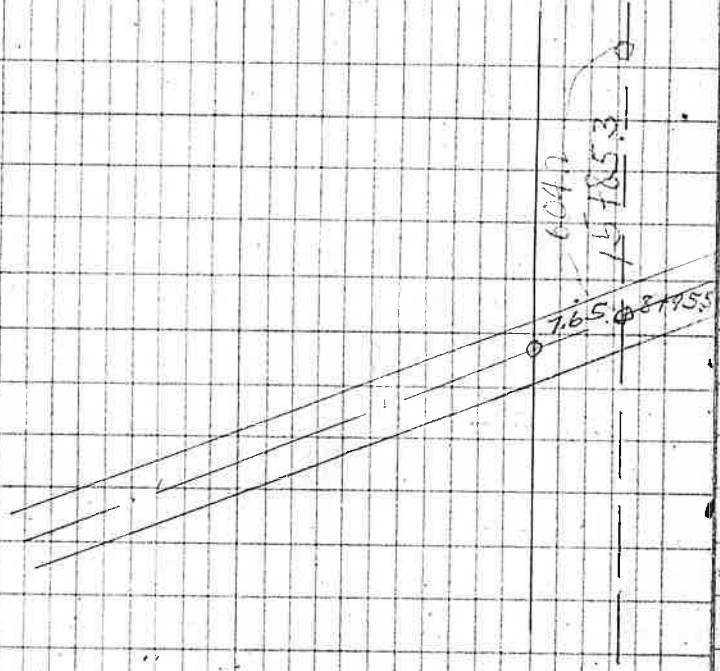
2+70 Creek
3+70 "
7+80 "
9+30 "
10+10 "
14+35.3
15+85.3

11419
510
16591.9

16912.9
5797

16912.9
11419
5498

Lot line East



Lot line West from Fern Ck

0+00 = 262.5 S of Δ5 River Road

135' Fern Creek

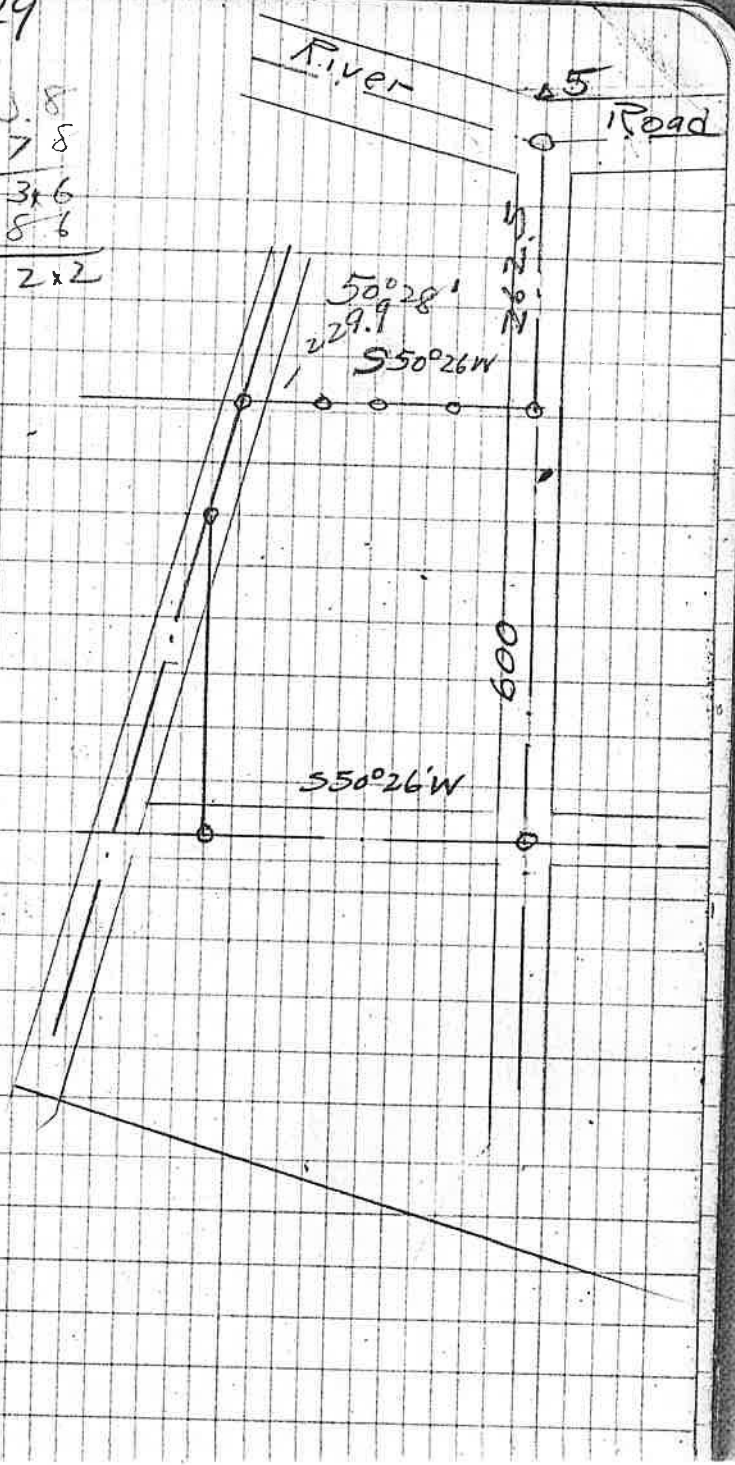
Road West from Fern Ck

0+00 = 862.5 S of Δ5 River Road

2+15 = Fern Ck

13+43.5 hub

FB 129



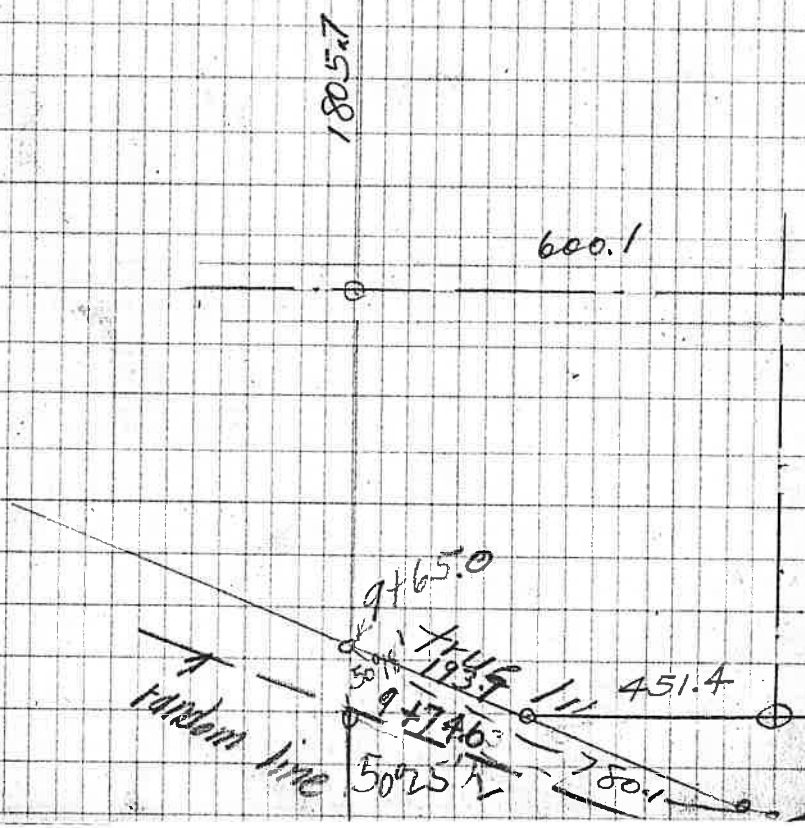
Lot Line East
0+00 = 1462.5 S of Δ 5 River Road

4+20 W bank Creek Course NW =
4+60 E " " " "
13+07 ±/

18+05.7 = 0+00
3+16.7 = hub
8+02.3 = "
169.7

9+7 2.6
2.63
9+7 4.63 random
9+65.0 true

FB. 129



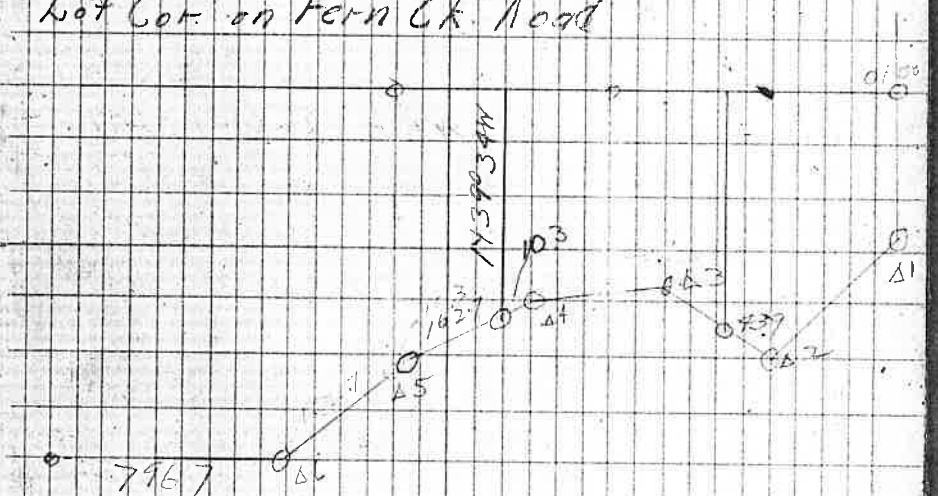
FB 129

Sta.	Dist	ΔL	ΔR	C.C	M.C
Δ7					
	796.7			S50°26W	
Δ6			41°40'		
	192.9			S8°46W	S20W
Δ5		10°17'			
	173.0			S19°03W	S13°W
Δ4		17°21			
	168.1			S36°24W	S30¾°W
Δ3		23°47'			
	237.9			S60°11W	S55½°W
Δ2			37°51		
	362.5			S22°20W	S16¾°W
Δ1			61°54'		
	210.6			S39°34E	
0+00					
	600			S39°34E	

Lot Cor on Road South of River Road

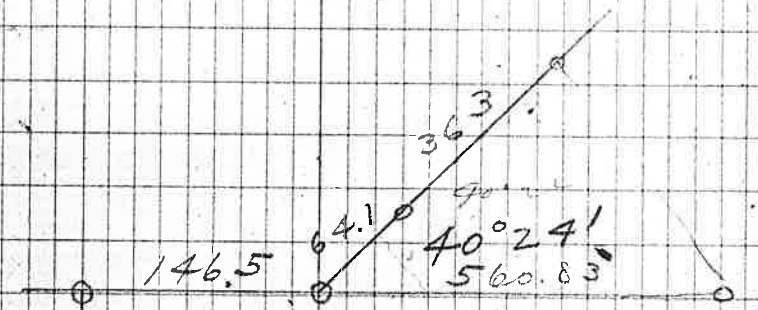
Traverse of Road thru saddle

Lot Cor on Fern Ck Road



FB 129

0+00 = 14+62.55 of Δ5- River Road
Not Line West
0+45 Fern Ck.
2+70.7 hub
3+07.9
5+78.6 hub
9+20.6
9+99.2 hub
12+23.5 hub
13+32.0
13+55.5 hub
16+06.0
15+16.1 int with Nbdry PLAT-B-



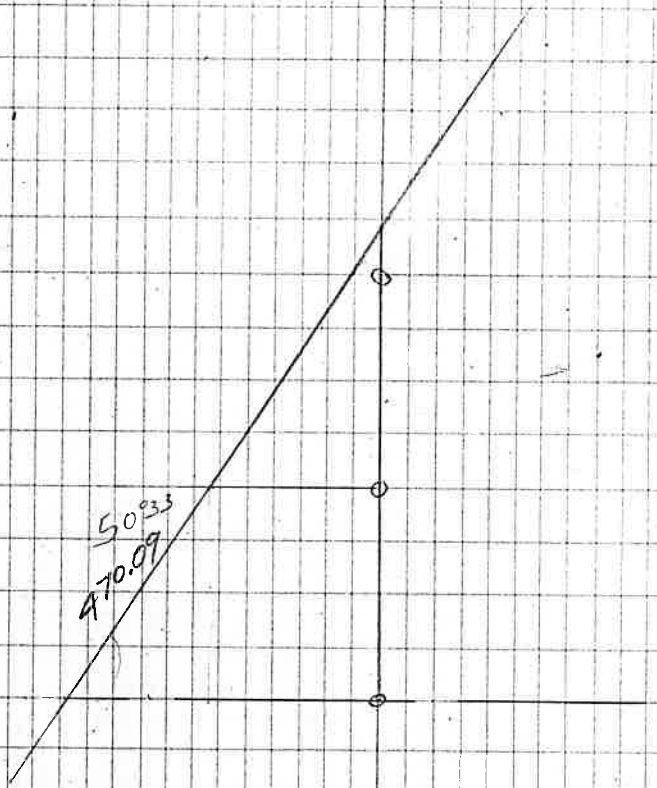
42 43
PLAT-B-

FB 129

Sta	Dist	ΔL	ΔP	CC	MC
8410.7	int with bdry				
	84.7				
7+26					
4+813					
	481.3				
0+00					

Lot Line West

363
726
8+21
8107



pt. on Ferrick Road 206255.125

FB 129

Sta	Dist	ΔL	ΔR	C.C	N.C
39+02.2	N.E Cor. B " " A				
28+57.7	Not Line int.				
	36 5.2				
24+92.5	Lot Cor.				
	21.3				
24+71.2	hub				
	539.5				
19+31.7					
	10.6				
19+21.1	first straddle hub				
	135.9				
17+85.2					
~~13+18.8~~ ~~13+19.4~~	466.8				
3+71.2					
	148.7				
2+22.5					
	223.5				
0+00				N89°11W	

N. bdry PLAT B
S. " PLAT G

int. with Lot Line thru G

1/4 Corner 25 & 26

48 p. FB 129

286
50
J786

0+00

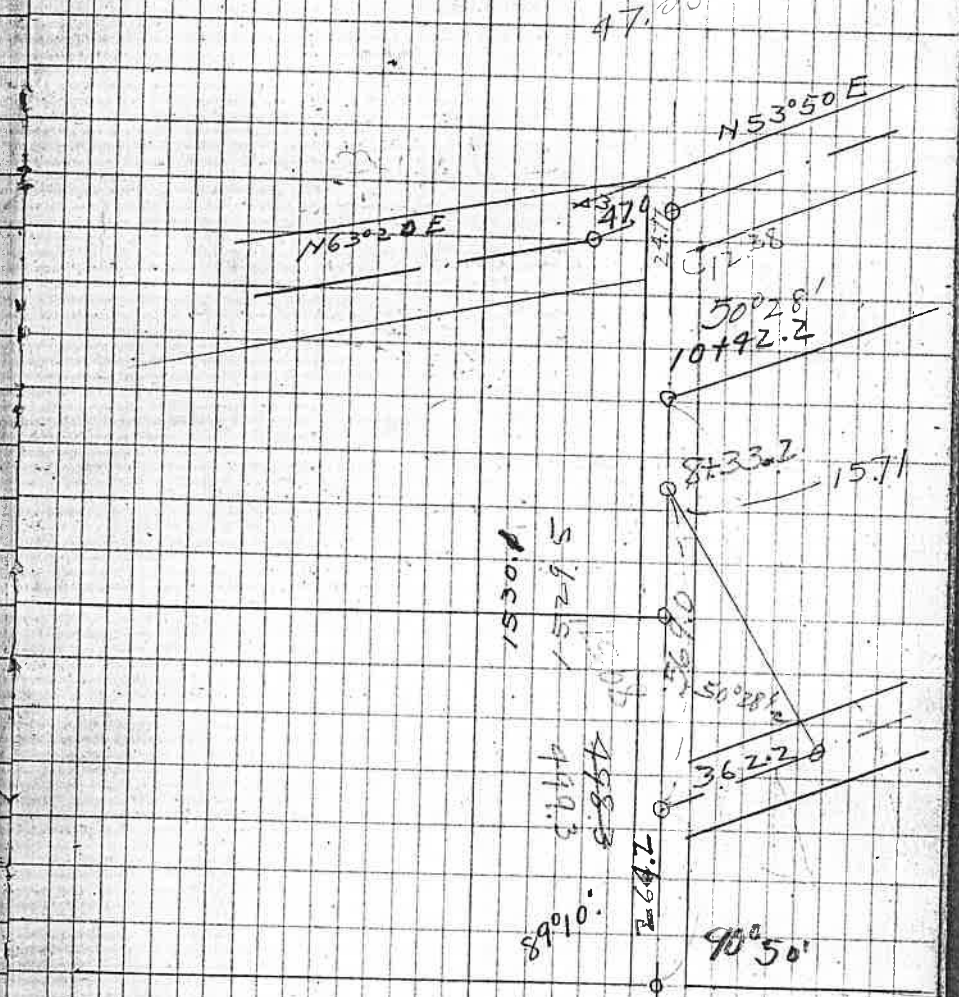
5+78.6 hub

13+19.2

2+53.9

253.9

0+00



N95 ℄ Drain

Cat 192 Plat B

4-1 FB 129, 1ST M & B.

Metes & Bounds Tract near Lot 27 B

Sta	Dist	ΔL	ΔR	C.C	M.C
6+35.0					
	374.9				
2+60.1					
	260.1				
0+00					
6+35.0					
	105.8				
5+29.2					
	123.0				
4+06.2					
	406.2				
0+00					
					N 67°26 W

27 PLAT-B

3rd Δ Cor of 27 W. from S.W. Cor Lot 22-B

And Δ Cor of 27 W from S.W. Cor Lot 22-B

-50 FB: 129

Survey for Maxwell
Metes & Bounds of 5 Ac Tract West of Lot 8-A-

Sta	Dist.	ΔL	ΔR	C.C.	ML
		0 91			
		3+53.2			
		Δ 2+56.7		1°10½ R	

51 FB: 129

Metes & Bounds Survey
East of Lot 63 - B -
Lawrence

Sta | Dist. | ΔL | ΔR | CC | MC

Subdivision of Lot 4
PLAT - B -
L. LAPOLLA

Lot - 9 - 13

4A 4B 4C 4D 4E

375.0 316.1 263.0 213.1 236.5 210.0

PLAT B

Lot 3 - B

100.0 91.68 91.68 91.68 91.66

466.70

40' Road

104.09 95.43 95.43 95.43 95.42

Lot 62
PLAT - B
S89°10'W
Lot 63
904.8 S58°07W
329.8
575.0
90° 90°
S31°53E
378.8
5.0 AC
378.8
N31°53W
575.0
N58°07E

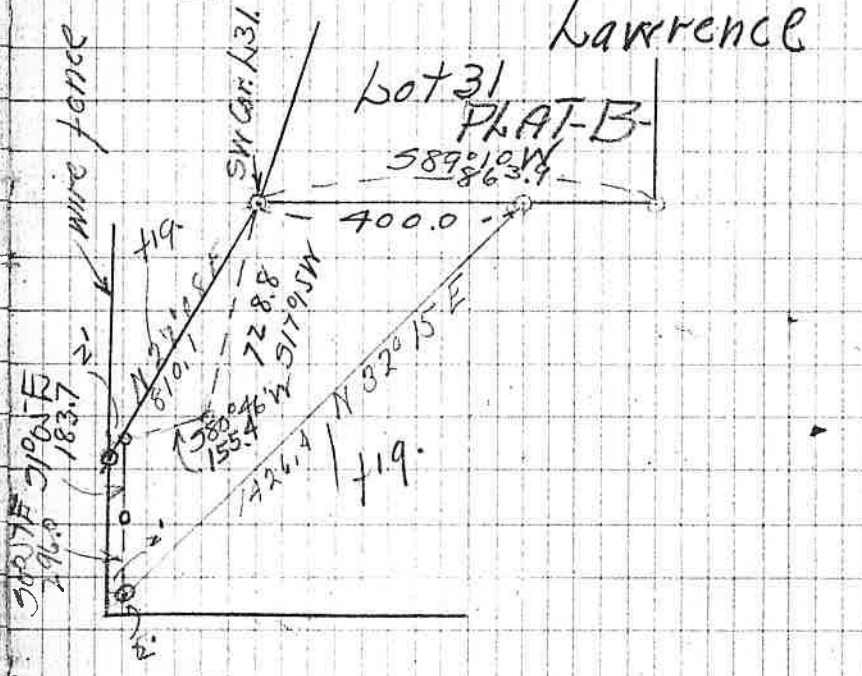
SW Cor
375
S58°07N
NE Cor Lot 63 = SW Cor

904.8

52 FB 129

Sta	Dist	ΔL	ΔR	C.C.	M.C
4+79.1	hub 2'E+2'N of fence Cor.				
	296.0			S0°07E	
1+83.1			0°08'		
	183.7			S1°05E	S1°0JE
8+84.2		81°51'			
	155.4			S80°46W	S79°NW
7+28.8			63°31'		
	172.7				
5+56.1					
	342.2				
2+13.9					
	213.9			S17°15W	S17°JW
0+00		71°55'			
	400.0			S89°0W	S89°2°W

Metes & Bounds Survey Near Lot 31 — B — Lawrence



hub 2' E of wire fence at
+ 1.6 to same

SW. Cor. Lot 31

FB 129

Latitude 43°13'41"

Co " 46°46'19"

16

34x27
4
137.08

19°	08'	04.3"	
	02'	17.1	
19°	05'	47.2	+0'53"
		34.3	
19°	05	12.9	+0'38"
		34.3	
19°	04'	38.6"	+0'31"
		34.3	
19°	04'	04.3	+0'26"
		34.3	
19°	03	30.0	+0'26"
		34.3	
19°	02'	55.7	+0'26"
		34.3	
19°	02'	21.4	+0'31"
		34.3	
19°	01'	47.1	+0'38"
		34.3	
19°	01'	12.8	+0'53"

S38°33E
S38°36E S38°34E

South by direct = 90°04W Solar

Declination Settings at
Cor Secs. 7, 12, 13, 18
27-546
Tue. July 28, 1914
Var 21°15E
Nachter Survey

19°06'40"	8AM
19°05'50"	9AM
19°05'09"	10AM
19°04'30"	11AM
19°03'56"	12M
19°03'22"	1PM
19°02'52"	2PM
19°02'25"	3PM
19°02'05"	4PM

Vert ∠ 48°44'
Bearing S62°08E
10AM
S67°03E

Direct Obs. 7-29-14 9:30 AM
Vert ∠ = 46°00'
Az = S70°33E
(70°28')
Lat. 43°13'

46°40'
S69°35½E
69°32'

54 FB 129

Sta.	Dist.	ΔL	ΔR	C.C	MC
51+11.7				S0°04W	
	101.7				
50+10.0					
	80.2				
49+29.78					
	634.7				
42+95.08					
	417.7				
38+77.38					
	203.5				
36+73.88					
	1012.78				
26+61.1					
	473.9				
21+87.2					
	44.2				
21+43.0					
	233.4				
19+09.6					
	1909.6			S0°04W	
0+0.0		141°26'			
				N38°30W	

East Boundary C1.56
27-5 Nachter Survey
Bearings taken from direct Obs. of sun
July 28, 24
Flesch
2 Christies
Parrish

int. random Sbdry C1.56

634.7
417.7
203.5

49+29.8
N 170° 47' W
39.3
N.E. Cor Hospital Tract

65' W To bank

36+73.88 ↓
triangulated
26+61.1
See next page

2+64 W " " "
1717 E line County Road

N.E. Cor C1.56 2"x3" oak stake

55 FB 129

Sta.	Dist.	ΔL	ΔR	CC	M.C.

56 FB 129

Sta	Dist	ΔL	ΔR	CC.	MC.
				N0°06E	=N0°04E
12+18.1	=	128°45'			
	339.3			S51°09'E	S51°10E
8+78.8 Δ			16°25'		
	878.8			S67°34E	S78°E
14 Δ +57.1	=0+00		107°23		
	80.5			N5°03'E	N2°¼W
13+76.6			5°22'		
	276.6			N0°19'W	N5°¼W
11+00.0	(7.8'E to fence)		0°35		
	449.0			N0°54'W	N0°30W
6+51.0	(2'E to fence)	0°40½			
	651.0			N0°13½W	N14°45W
11 Δ +90.2 W	=0+00N		78°07½		
	279.9			N78°21W	
9+10.3					
	262.7			N78°21W	N81°30W
6 Δ 47.6			0°20'		
	249.3			N78°41W	N78¼°W
3 Δ 98.30		1°05'			
	258.95			N77°36W	N79° 30W
1+39.35 Δ		59°49'			
	139.35			N17°47W	N16°½W
0+00			162°09'		
				S0°04'W	

Random bdry Nachter Tract

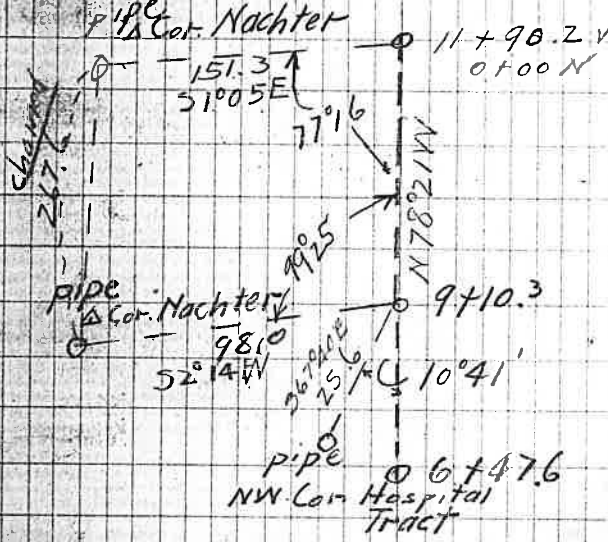
July 31, '14

Sta 36+73.8 random E bdry Cl. 56. 120 SW to bank

163. Sta bank

24" alder S56½°W - 15.1
10" " S41¼°E 23.7

+on bedrock N.W. Cor Nachter on river
Water-s edge channel 200' wide



N.E. Cor. Hospital tract

Sta 49+29.8 on random E bdry Cl. 56

FB. 129 Data for setting corners on true bdry from random

NACHTER-PARK SURVEY 57

FB 129 Levels from B.M. to Nachter Park

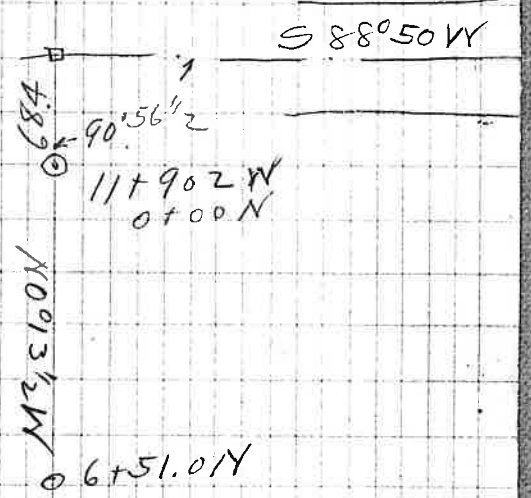
Sta	+S	H.I.	-S	Elev
B.M.	11.81	461.35		449.54
~~0+00~~			2.59	458.76
1				
T.P.	9.9			
2			8.0	

FB4 Pg 58

Int of Harvard Ave + random W bdry. Nachter

2" pipe City B.M.
Int. of ℄ Harvard Ave + random W bdry.
0+00

Sta. 2 – 1.9' Higher than B.M. 1



Topography Nachter Park
FB 129 P. 59
Aug 3, '14

Sta	Dist	ΔL	ΔR	C.C	M.C

FB 129
Pg 60

Sta 0+00

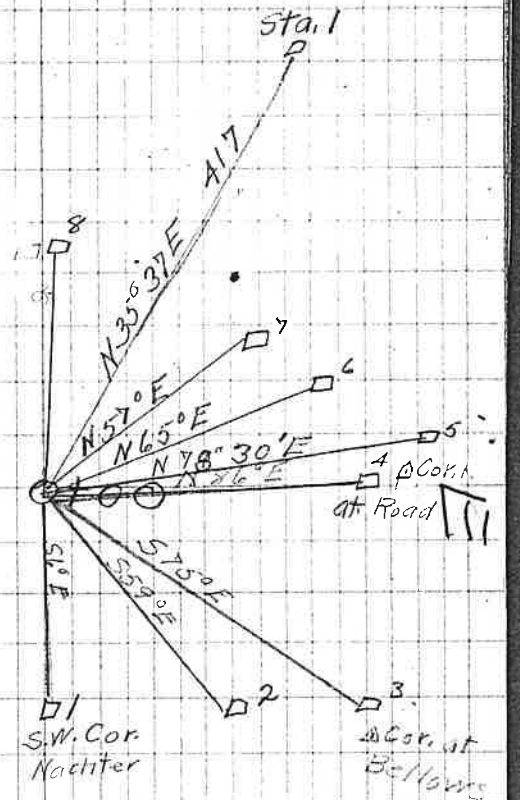
H.I. 5.1 = 463.9

Sta	Vert ∠	U.W.	M.W.	L.W.	M.C.
□1	0° 0'	3.52	3.12	2.71	S 6° 00 E
□2	+ 2° 09'	5.86		4.35	S 59° E
□3	+ 1° 53'	6.51		3.68	S 75° E
□4	+ 1° 23'	6.53		3.67	N 86° E
□5	+ 1° 04'	7.02	5.01	3.00	N 78° 30' E
□6	+ 0° 40'	6.80		3.42	N 65° E
□7	0° 00	5.85	4.58	3.30	N 57° E
□8	0° 00	9.66	9.00	8.34	N 0° 30 E
Sta. 1	0° 00	7.78	5.70	3.61	N 33° E

Sta 0+00

Elev = 458.8

N



S

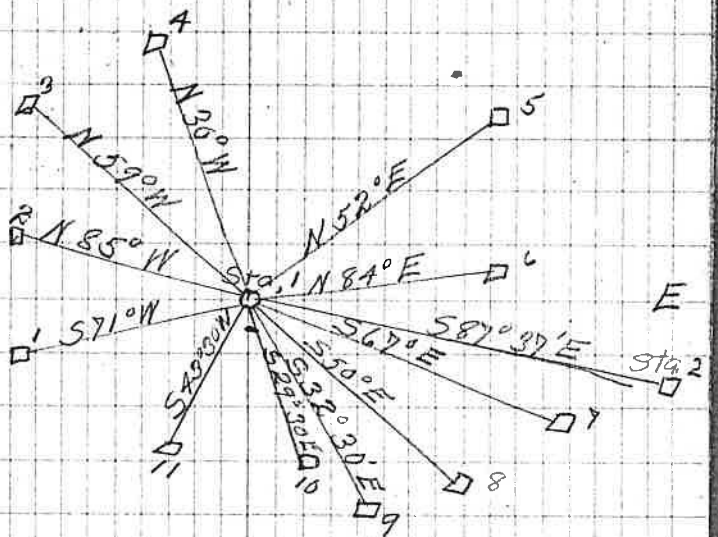
FB: 129
P961

Sta. 1
H.I. 4.95 = 463.15

N 5ta
Elev. = 458.2

Sta.	Ver. L	U.W.	M.W.	L.W	M.C.	
1	-1°42'	6.21		3.70	S71°W	
2	0° 0'	11.46	10.27	9.09	N85°W	Timber Line
3	0° 0'	9.35	7.88	6.42	N59°W	Timber Line
4	0° 0'	3.95	2.1	1.60	N30°W	" "
5	+1° 31'	6.21		3.69	N52°E	" "
6	0° 0'	2.73	0.50	0.60	N84°E	
7	+1° 11'	7.05		2.85	S67°E	
8	+1° 40'	6.77		3.14	S50°E	Near House
9	+1° 33'	6.85		3.06	S32°30E	
10	0° 0'	4.14	35'	2.87	S29°30E	
11	0° 0'	7.06	6.76	6.46	S43°30W	

Sta. 2



H.I. 4.8 = 464.9

Sta. 2.

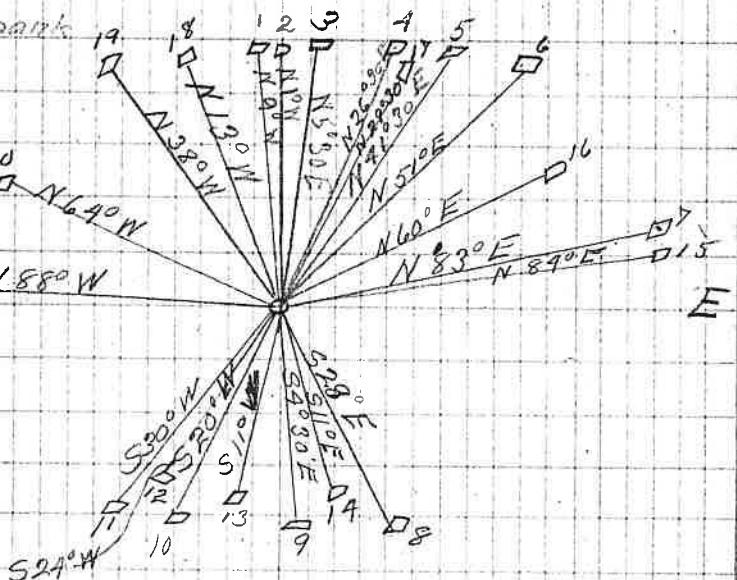
4-7

FB 129 pg 62

Stal

Elev = 460.1

Sta.	Ver. ∠	U.W.	M.W	L.W.	M.C.
1	-1° 04'	6.44		3.12	N 9° W
2	-1° 32'	6.50		3.09	N 1° W
3	-2° 22	6.62		2.95	N 5° 30 E
4	-2° 53'	8.73		5.00	N 26° 30 E ← Top river bank
5	-4° 14'	6.44		3.80	N 41° 30 E
6	-5° 18'	~~6.88~~ 5.86		3.70	N 51° E
7	-8° 34'	5.42		4.17	N 83° E
8	-6° 06'	5.44		4.15	S 28° E
9	-3° 35'	6.58		4.40	S 4° 30 E
10	+0° 40'	6.30		3.28	S 20° W
11	+1° 35'	6.30		3.28	S 30° W
12	+0° 40'	5.59		4.00	S 24° W
13	-0° 40	5.46		4.13	S 11° W
14	0° 0'	7.07	~~6.67~~	4.67	S 11° E
15	0° 0'	10.24	10.00	9.74	N 84° E
16	-7° 33'	5.29		4.31	N 60° E
17	-4° 31'	5.66		3.92	N 29° 30 E
18	0° 0'	9.15	8.48	7.81	N 13° W
19	0° 0'	8.17	6.10	4.07	N 38° W
20	0° 0'	4.02	2.01 0.00	0.60	N 64° W
21	0° 0	2.90	2.10	1.30	N 88° W
Sta. 3	-3° 24'	5.85		3.74	S 3° 30 E
Sta. 4	-1° 34'	622			N 0° 30 W



Timber Line - Fence

FB 129 pg 63

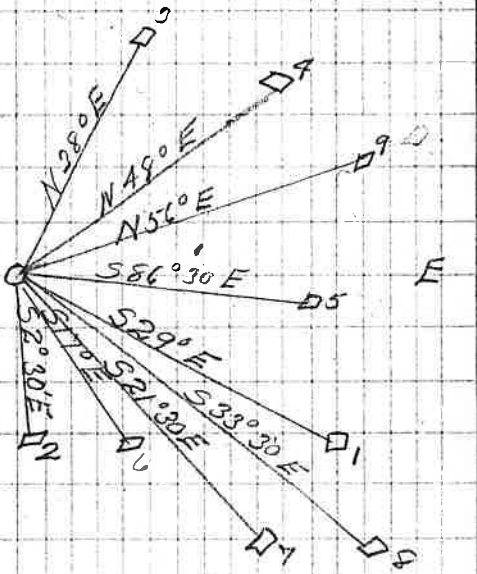
Sta. 3

H.I. 4.40 — 456.8

N

Elev = 452.4

Sta.	Ver. ∠	U.W.	M.W.	L.W.	M.C.	
□1	0° 0′	7.32	6.32	5.40	S29°E	
□2	0° 0′	9.55	9.39	9.22	S2°30E	
□3	-2° 12′	6.46		4.70	N38°E	
□4	-5° 27′	6.98		5.30	N48°E	
□5	-15° 45′	5.12		4.47	S86°30E	
□6	-5° 00′	5.78		3.83	S17°E	
□7	-5° 34′	5.30		3.50	S21°30E	
□8	-6° 51′	5.53		3.29	S33°30E	Bed river.
□9	-5° 23′	6.88		3.73	N56°E	
□10						

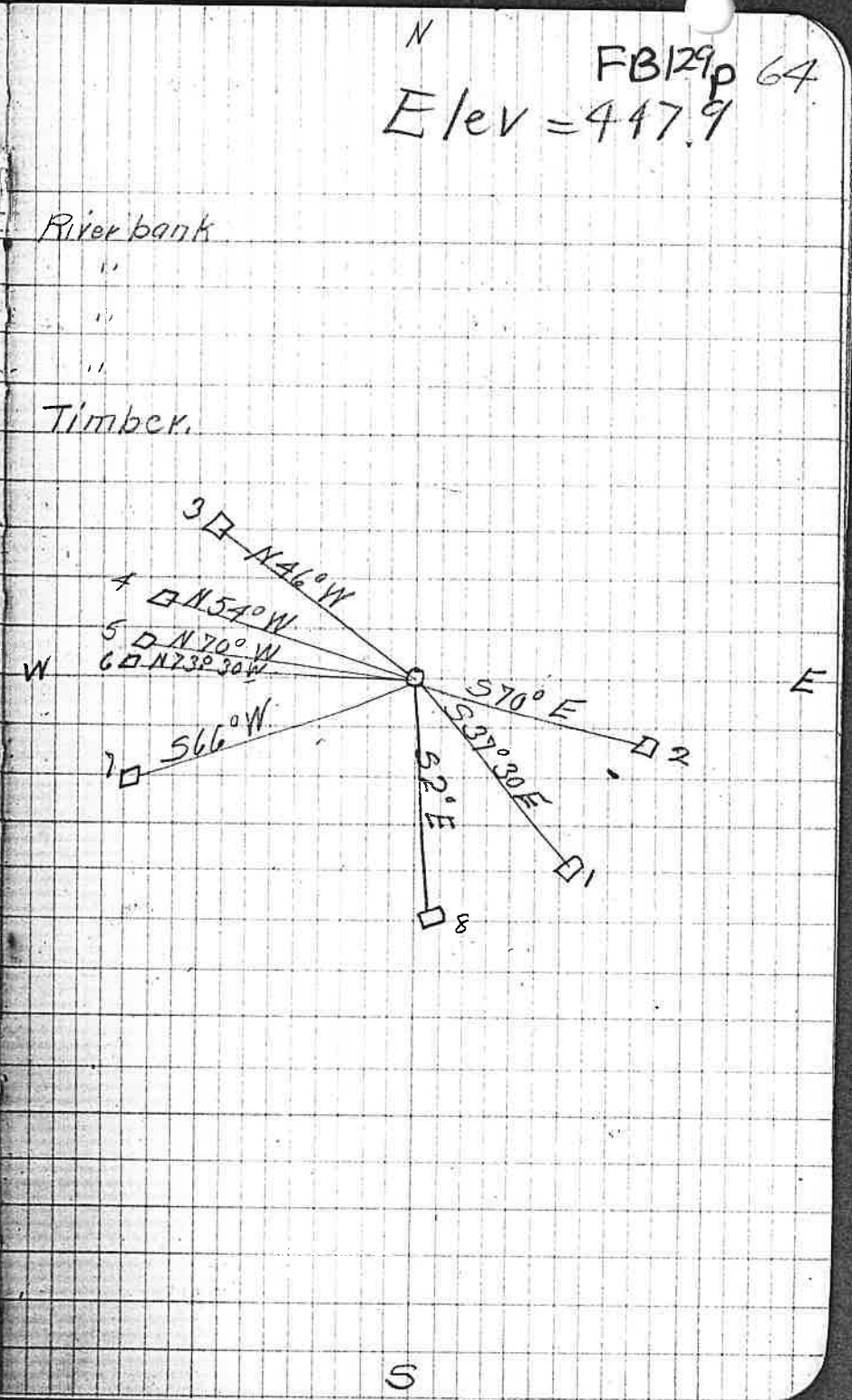


FB 129 p 64

Sta. 4
H.I. 4.65 = 452.6

Elev = 447.9

Sta.	Ver. ∠	U.W	M.W	L.W.	M.C.	
□1	0° 0′	10.83	9.40	7.95	S 37° 30E	River bank
□2	0° 0′	6.23	5.78	5.33	S 70° E	"
□3	0° 0′	8.24	7.50	6.76	N 46° W	"
□4	0° 0′	7.75	5.90	4.05	N 54° W	"
□5	0° 0′	4.85	1.95	1.60	N 70° W	Timber.
□6	0° 0′	4.59	3.87	3.15	N 73° 30W	
□7	0° 0′	2.72	1.54	0.80	S 66° W	
□8	0° 0′	3.92	3.12	2.32	S 2° E	
Sta. 5	-0° 14′	552			N 70° 30W	



FB 129 p65

Sta. 5

H.I. 4.65 = 455.0

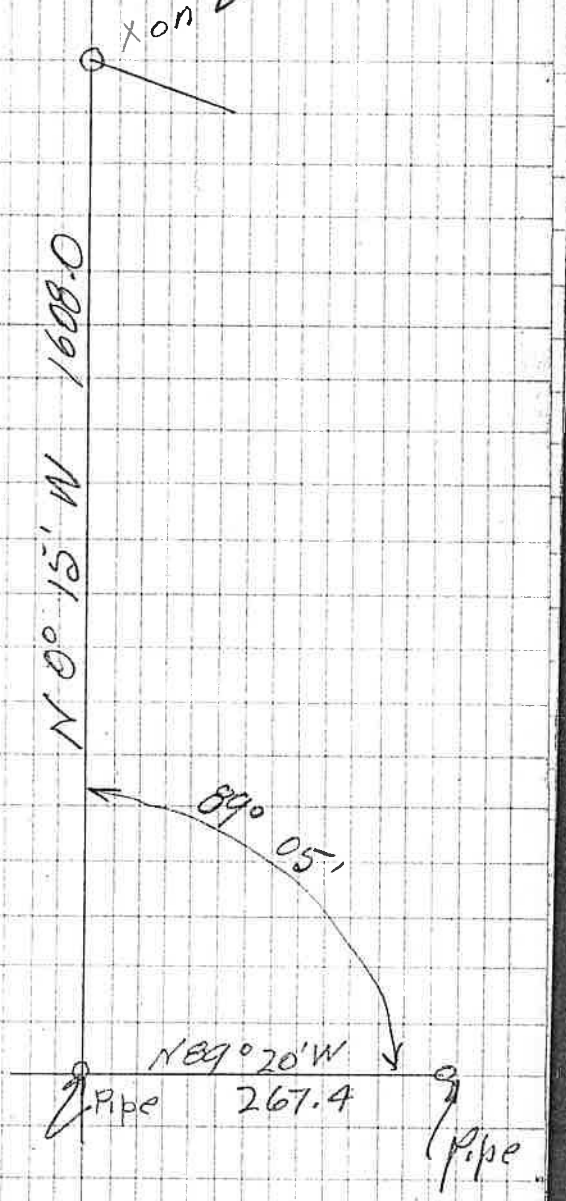
Elev = 450.3

Sta.	Ver. ∠	U.W	M.W.	L.W.	M.C.	
1	0°0'	9.66	8.54	7.43	N82°E	River
2	0° 0'	5.55	9.42	3.27	S.63°E	
3	0° 0'	6.60	5.00	3.40	S34°E	Timber
4	0° 0'	7.15	5.80	4.50	S7°E	
5	0° 0'	7.90	5.90	3.80	S48°W	Prop. Line W. Side
6	0° 0'	5.28	3.72	2.16	S78°30W	
7	0° 0'	5.94	4.40	2.84	N81°W	
8	0° 0'	11.92	10.20	8.46	N63°30W	
9	0° 0'	12.00	10.80	8.00	N49°30W	Riverbank
10	0° 0'.	12.20	10.95	9.68	N37°W	"
11		10.36	13.10	10.34	N4°W	

FB 129 pg 66

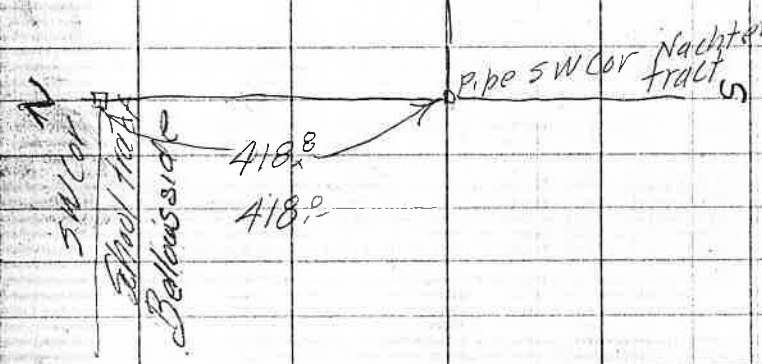
S0°05½W FB. 129 pg 67
S2°58W

FB 129 pg. rock. 68



70 Preliminary Survey for West Side School tract

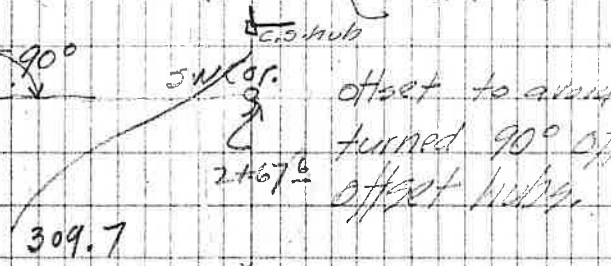
Sta	Dist	Δ R.	Δ L	M. C
0+00				S87°W
+03	E Bndry. Bellows 4 acres			
2+70 ±	(267.6 from random Hub to SW Cor)			

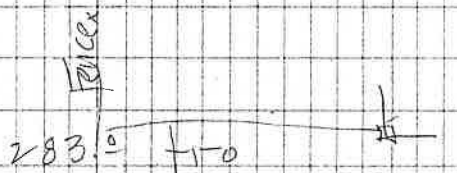


Hicks
W.C
P. Ball t.

Ext FB 129 Pg 69

Fence line bet Bellows & Nachter.





Survey in Riverside Add. for N. Rice

FB 129 Pg 70

Fleser
Gilkey
Worthington

1/10/17
Clear + foggy

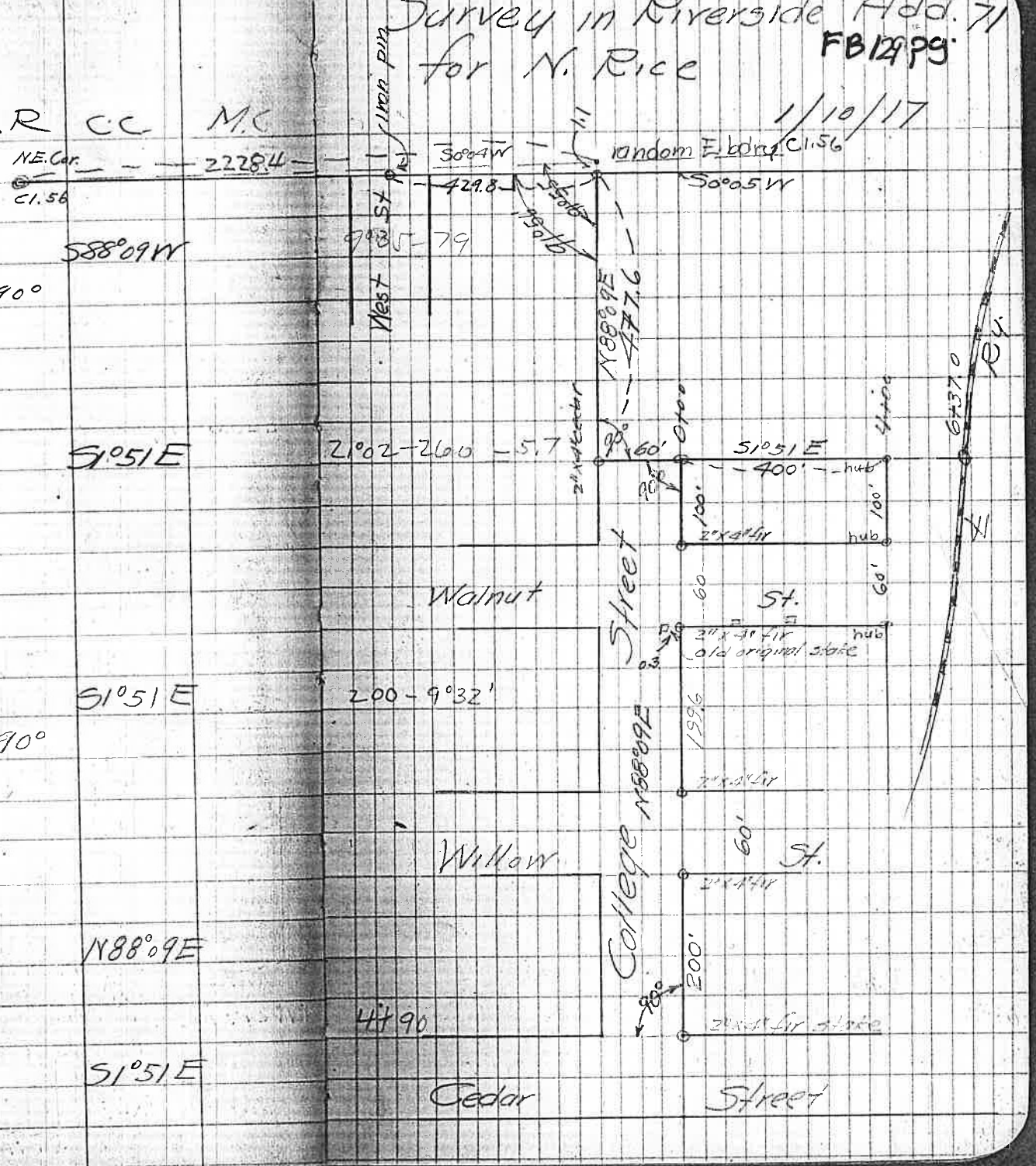
Sta.	Dist	ΔL	ΔR	C.C	M.C.
NE. Cor C1.56					
7+99.5				S1°51E	
6+12		182.0			
4+90					
4+30.5		430.5		S1°51E	
Hub			90°		
0+00		260.0		N88°09E	

Survey in Riverside Ada. 71 for N. Rice

FB 129 PG

1/10/17

Sta	Dist	∠	∠R	CC	M.C
1+60					
1+60	22.1				
0+77.9	77.9			S88°09W	
0+00	=4+00		90°		
6+37.0	Int. & Ry.				
	237.0			S1°51E	
4+00	86.1				
3+13.9	116.7				
1+97.2	197.2			S1°51E	
619.6	=0+00		90°		
519.6					
459.6					
2+60					
2+00				N88°9E	
0+00		90°			
				S1°51E	

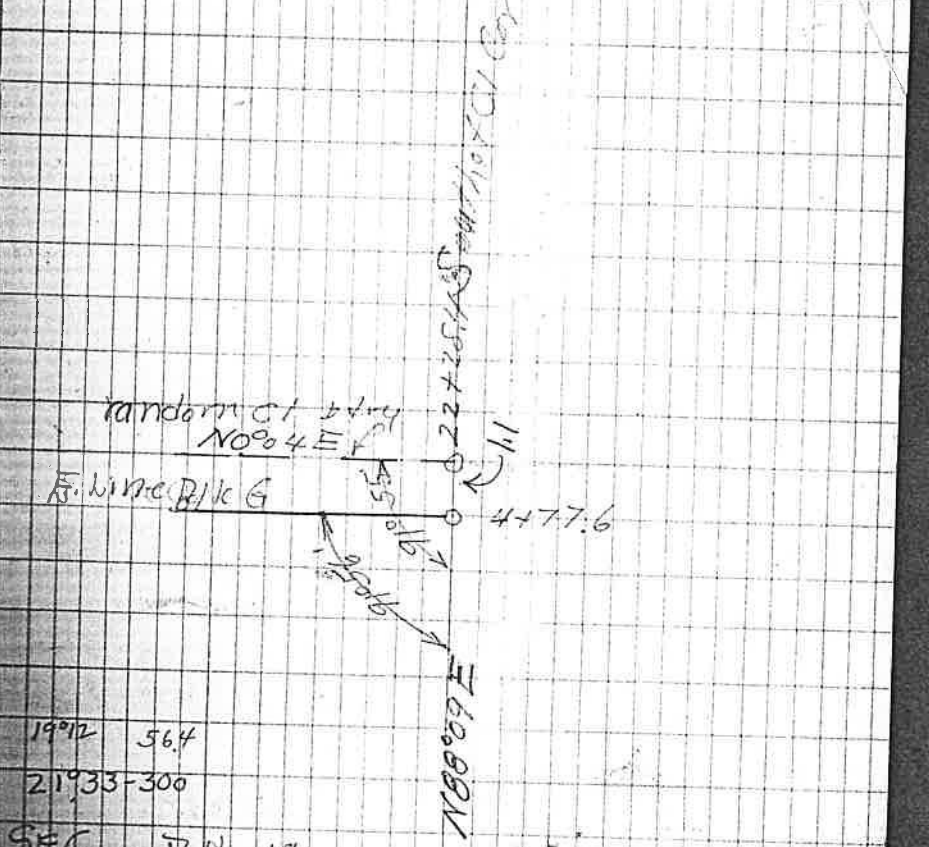


FB 129 pg 72

North Wine College St.
from SE Cor. Blk 19 to E bdry
Riverside Add.

1/11/17

Sta	Dist	∠L	∠R	C.C	M.C.
4+77.6					Mt. E. bdry. Riverside Add.
	93.4				
3+84.2					
	51.9				
3+32.3					
	332.3				
0+00				N88°09E	
			90°		
				N1°51W	



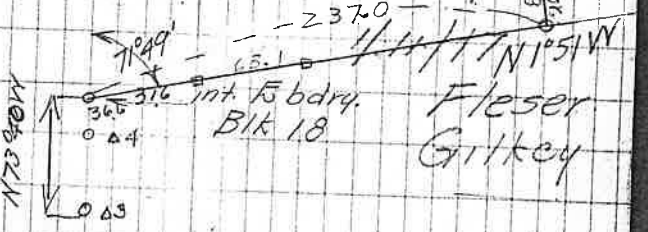
19912 564
21933-300

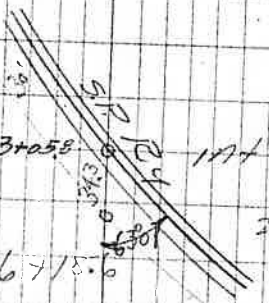
Sta.	Dist	ΔL	ΔR	C.C.	M.C.
	175.8			N73°46W	
Δ4		0°06½			
	146.6			N73°40W	
Δ3		1°05½			
	100.			N72°34W	
Δ2		4°09			
	100			N68°25W	
Δ1		5°29			
	100			N62°56W	
13+05.8			116°59'		
	131.0			S0°05W	
11+74.8					
	296.2				
8+78.6					
	448.8				
4+29.8					
	41.3				
3+88.5					
	44.1				
3+44.4					
	344.4			S0°05W	
0+00					

E bdry. Riverside Add to S.P.Ry.

FB 129 Pg 73

Traverse of ℄ S.P.Ry.



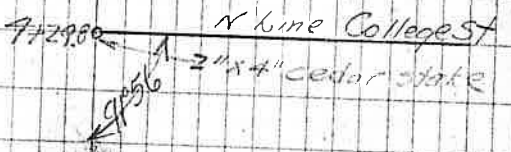


135 − 13°16' − 0.4 13+05.8 ℄ Int ℄ Ry.

2296 − 300 = 277.6 + 15.0

300 − 8°24' + 15Z

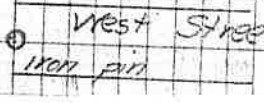
Cor. on N. Nine College St.



19°38' 67.5

20°38' − 300

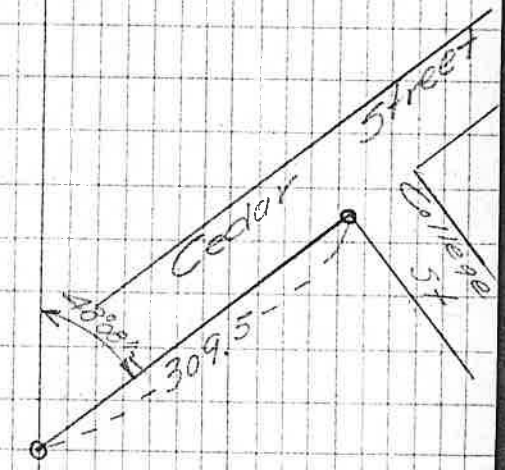
Iron pin in West St on board fence



FB 129 Pg 74

Traverse of S.P. Ry & N. Rice

Sta	Dist	∠L	∠R	CC.	MC.
				N11°48W =	N1°51W
Δ10			48°08½		
	100			N49°57W	
Δ9			5°07'		
	100			N55°4W	
Δ8			4°43½		
	100			N59°47W	
Δ7			5°13'		
	100			N65°W	
Δ6			6°18'		
	169.0			N71°18W	
Δ5			2°28'		



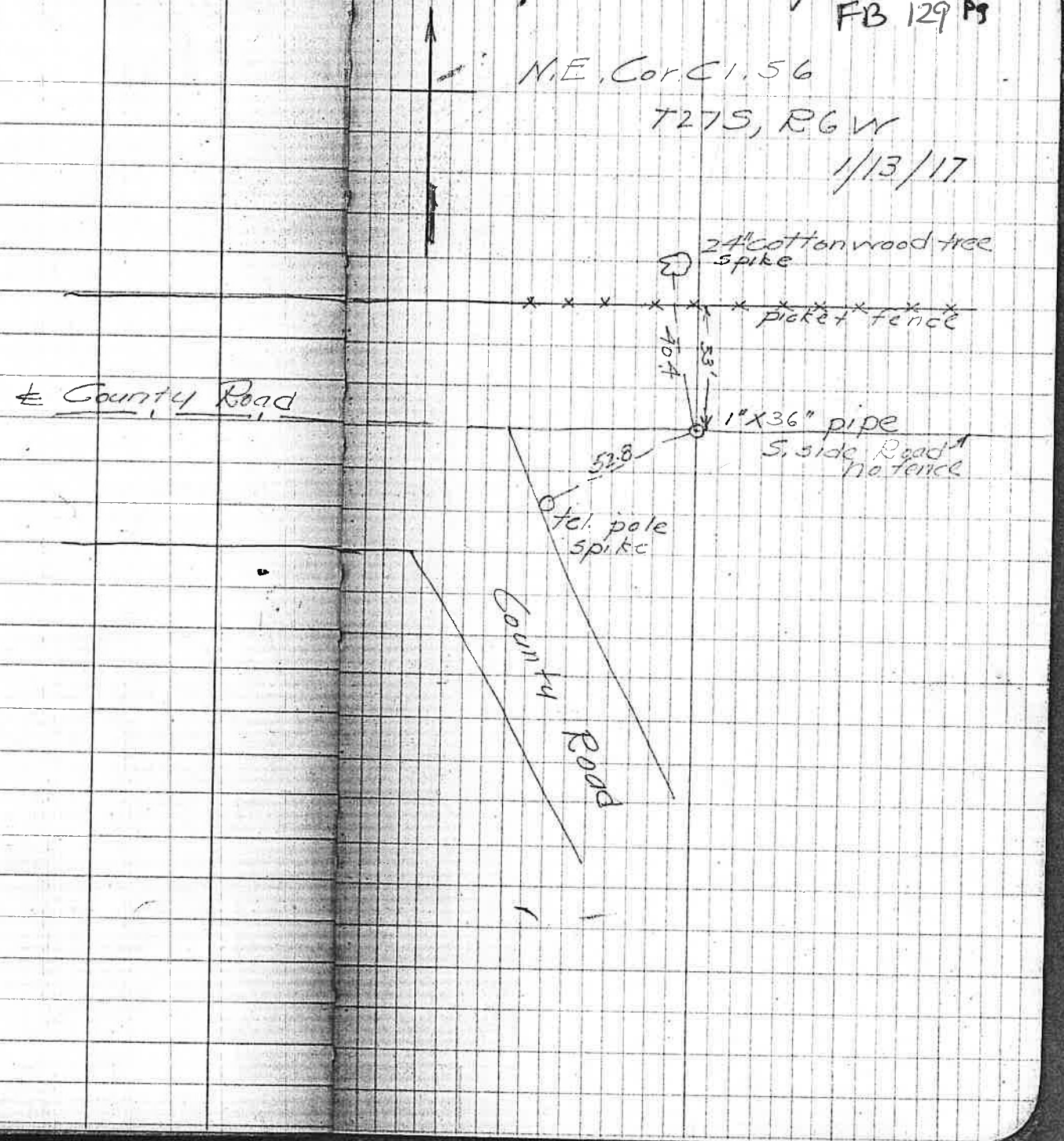
Jeremiah Huntley C1.56 75

FB 129 Pg

N.E. Cor. C1.56

T27S, R6W

1/13/17



F.B. 129 pg 16

FB 129 Pg 77

FB129 Pg 78

270.6

43560
4
174240

2676 | 174240.00 | 65.1
16056
13680
13380
3000
2676
3240
2676

651.1
267.6
39066
5577
3906
2232
174,234.36

13 1/16

	Rod	Δ	M.C	U.W	L.W
Sta 1					
B.1	9.52	- 0°00	S15°W	9.52	6.00

4703

7778

3630000

3.0872

5 4280

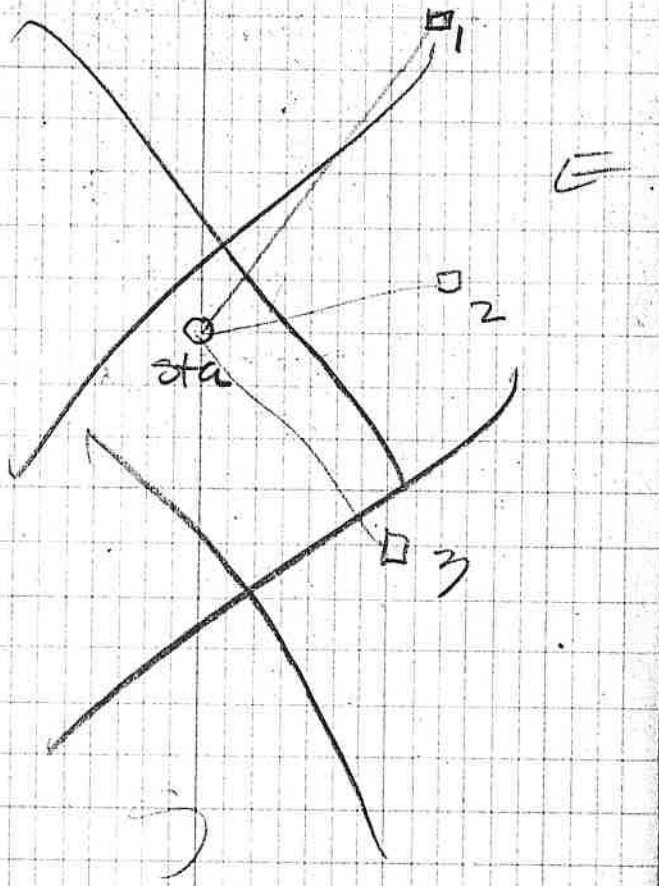
5 4026

2 1400

Sta 1 FB129 Pg 79

N

W E



FB 129

330

Thurs, Sept.	3	Came out
Fri.	" 4	All day
Sat.	" 5	" "
Sun.	" 6	No Work
Mon.	" 7	All day
Tues.	8	" "
Wed	9	" "
Thurs.	10	" "
Fri.	11	" "
Sat.	12	" "
Sun	13	" "
Mon	14	All day
Tues.	15	" "
Wed	16	" "
Thurs.	17	" "
Fri.	18	" "
Sat.	19	" "
Sun.	20	Road
Mon.	21	" "
Tue	22	" "
Wed	23	" "

PG 80

W. A. Scheunneman

179 ∞
10°16
169°44
84°32'

full crew
" " 996/10000
996
9004
89°61'
N50°26E
N39°35W

N50°26 E

N39°03W
81°13
120°50

179°∞
98°45
81°13
179°∞
120°56
59°17