#15

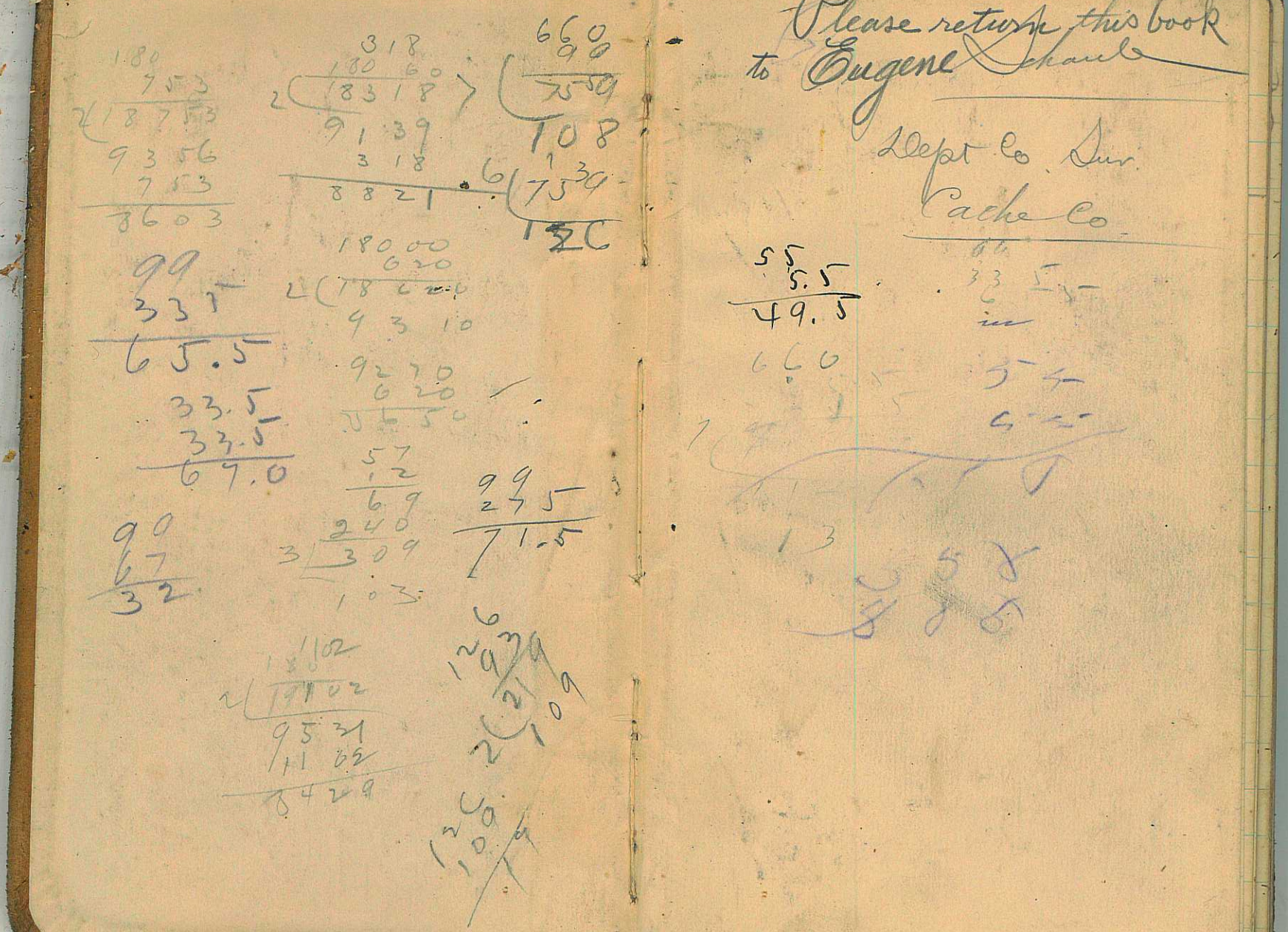
787

EVEL BOOK.

No. 410

Please return this book
to Eugene Shaub

Dept Co. Sur.
Cache Co.



21 x center St. 1

Orval Hatch

1 20

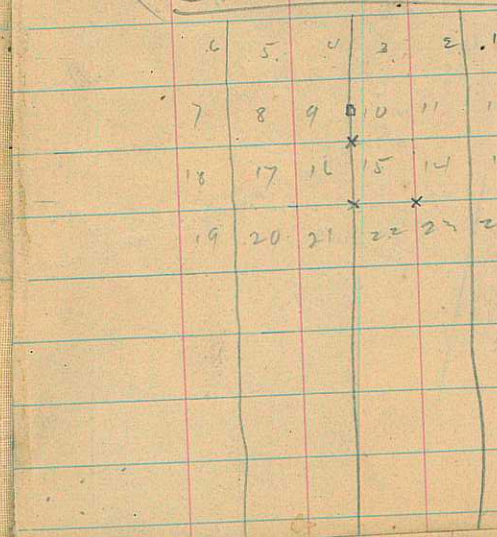
driving Stakes Franklin

Aug 9/

had 3 supper
1/2 horse feed
2 beds

Aug 10

had 2 meal
and horse feed at
Franklin Hotel
E. L & D

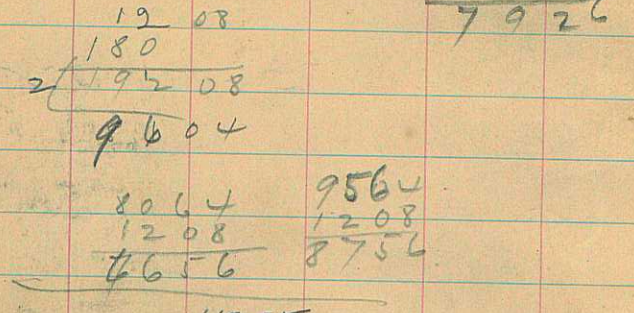


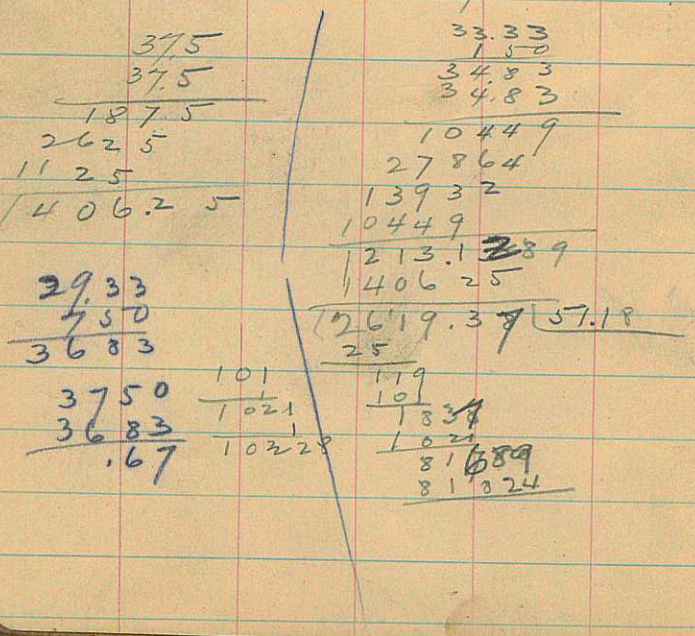
BS FS rise Elev HI

6.10

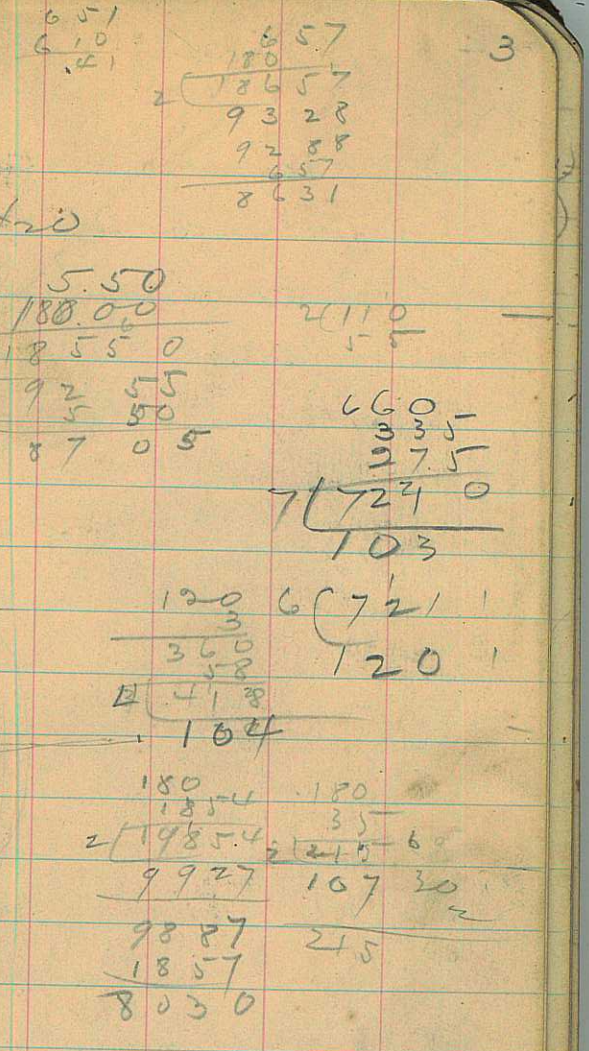
657







River H2O



Aug 8/06

Agreement

It is hereby agreed between H.C.E.L.&P. Co and Mark Porter (gaurdian of the Davis Estate) that said Co. pays $.75 per Electric pole on cultivated land and $.00 per pole where poles do not inconvein.

It is also understood between the above said parites that if no pole are set on said Estate this agreement is void.

Said poles are to be set on said Estate.

E. Shank

Agreement.

It is hereby agreed that the High Creek Electric Light and Power Co. pays 75 cents per Electric pole on cultivated land ($.00/100) and no $.00/100 at places where no inconvience is incurred.

It is understood between the gaurdians of the Davis Estate (Mr. Mark Porter (on this agreement also is a witness)) and the said Co. that if no poles are set on the Davis Estate that this agreement is void.

6

Notes

Emor Neilsen wants
sur done on Hyrum
8/9/06 done 8/14/06

A B Wilson to
O Wilson
Beg 1.34 ch. W. & S 58° 10' W 6.98 ch
of the SE cor of the NE¼ sec.
8. Tp. 10 n. R 1 E.

Point 1 N

Index to this Note Book.

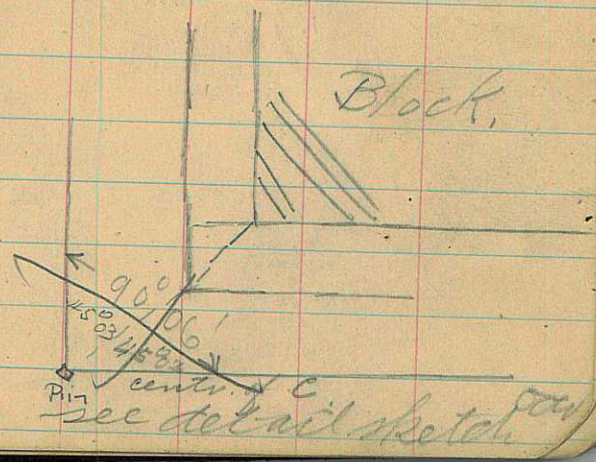
agreement with Porter & H C E L & P Co Page 7
Grade for Samuel Hendricks Rdh. 8
Center Line " " " 10

8 Grade for Samuel Hendricks at Richmond 8/11/06

Sta	BS	FS	HI	Elv
0			4.455	99.74
				99.50
				~~85~~
				85.40
				102.307
				~~100.83~~
				100.83
	4.195			100.00 104.195
0+46				5.455 98.74
+46				5.695 98.50
				4.69 99.50
0+14				4.845 99.35

.01/.06 99/24/75 8/11/06 9

inside grade. NE cor
outside grade NE.
fall = 2.172 ofo
at NW cor inside grade
inside grade
at Meeting House
sub. to slight change.
center of St. on Mon Sna & C.
on stone cap
inside gang W
outside gang W
on curb
gang S

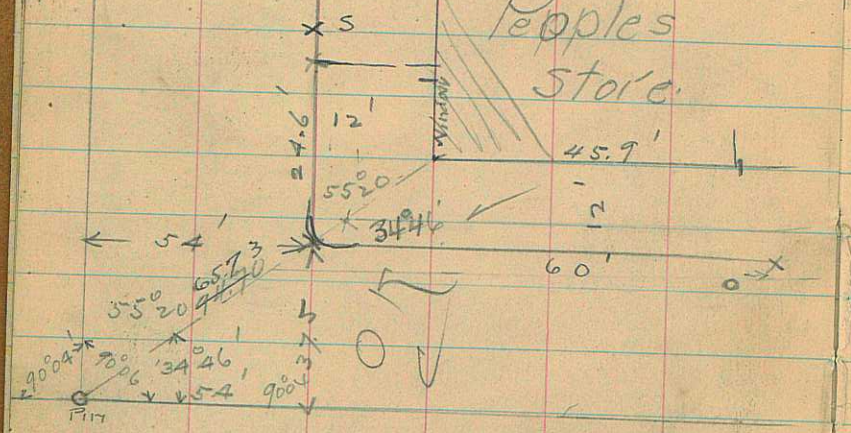


10

49.5
1.2
37.5

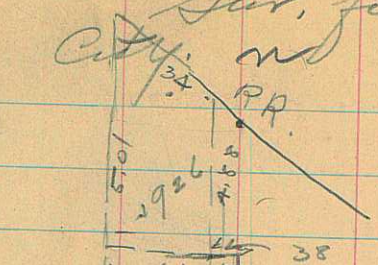
66.2
54

Note: line from Main down Center was moved 4.6' N of pin in at the west side of Stone Bridge on 2 West angler point intersecting main and center.

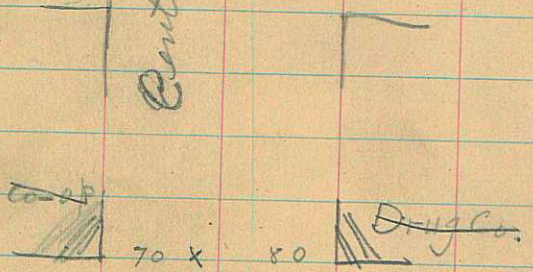


11

Star. for Hymn



= .3326 A =
53. 1/4 sq rds
nearly.



12

Sur. of Small Ditch of Hyrum Irrigation Co.,

Ob. on sta a, point of hill 8/14 / Long 111°53 W
ob. alt sun. 41° 35'
hour angle 3 45 pm

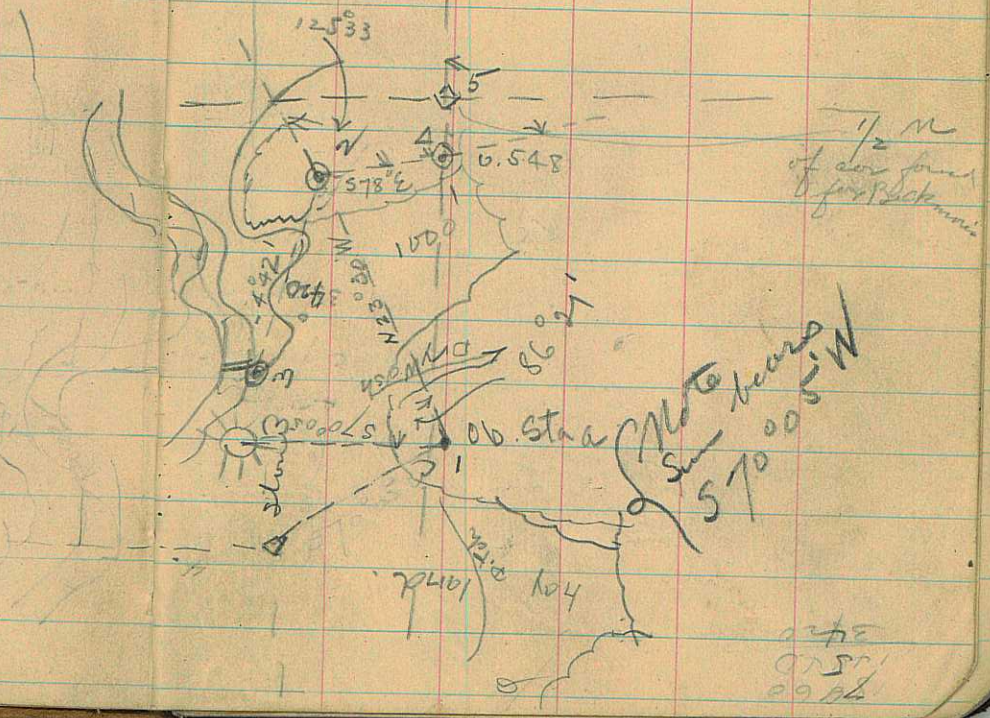
Ast & Sta	Course mag	angles L	angles R	upper Stadia	lower Stadia
1808 1	N 23 21 W				
2				10.14	
3				7.20	1.66
4	S 78° E			5.48	4.81
4		see over			

to correct

angle +	angle −	H I	Inst RR
1°15'			1.1
		4.81	

head of Small Ditch

16°18 4.81



14

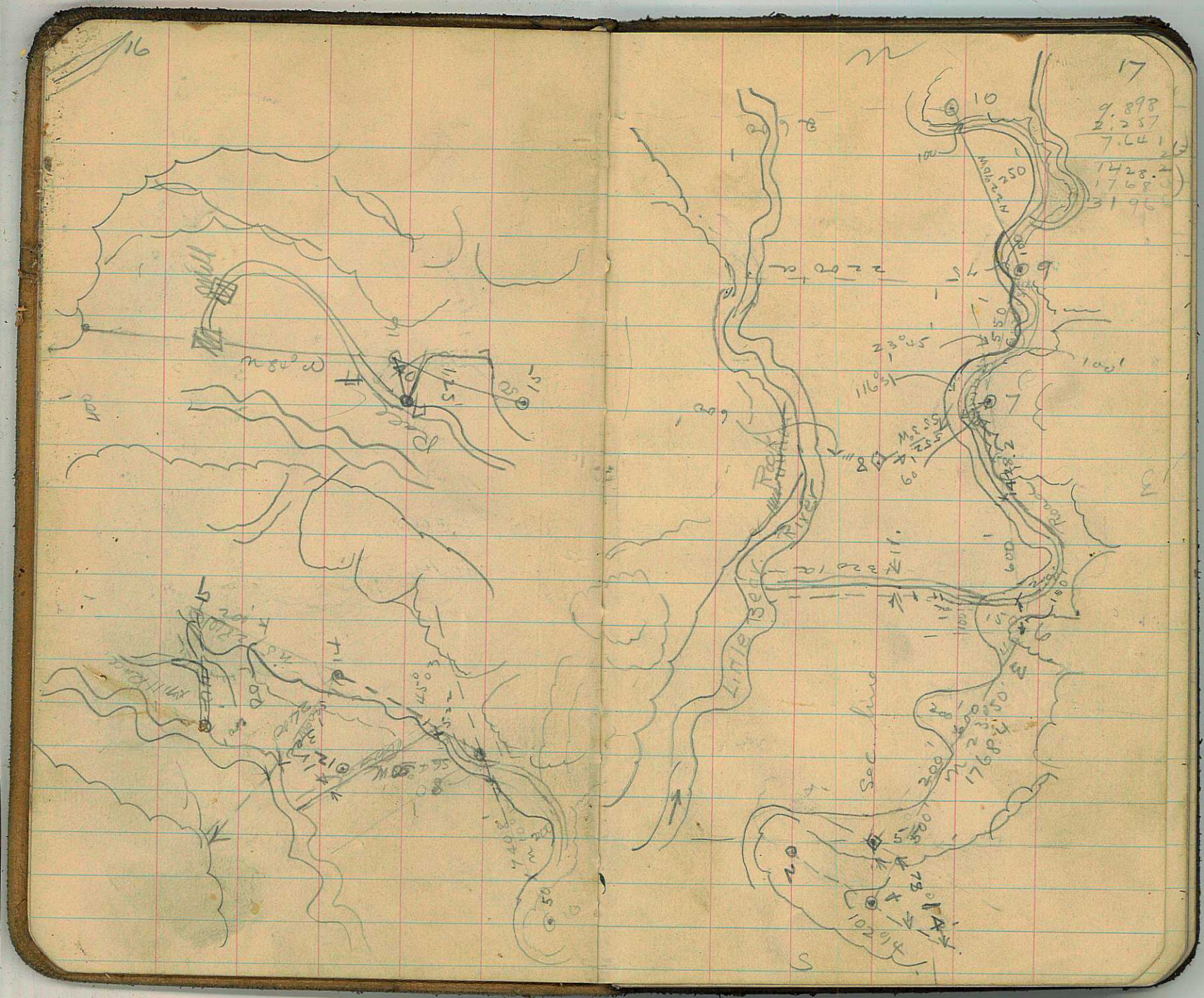
Dist	Sta	No	Course	Angles L	Angles R	Stadia U	Stadia L	Lower −	Lower +	HI	IRR	Notes
	4			102°14						4.96		on ridge bear 78° S.E.
	5		n			5.47		27°11				on sec. line 1/2 mile in County Cor of cor found & Beckm[illegible]
	4			78°14						4.96		see sketch over
	6		n 23 50 E	34°15		9.672	0.83	3°				
	7		n 10°35 W	116°31		9.898	2.25			4.11		on point
	8		S 53° W	146°31		4.11	1.348	4°37				on sec cor.
	7				23°45							
	9		n 13°05 W	35°17		8.607	4.11	1°02		4.58		
	10		n 22°10 W		11°31	8.927	4.58			4.74		
	11		n 10°50 W	104°39		8.442	4.741	26		4.74		
	12		S 64°50 W			8.963	4.74	1°47				Cor of O Wilson bears from Sec. cor. see bks. on page 6
	11			45°03								
	13					5.42						on property line
	11		N 5°35 W	1°51		10.749	4.74			4.20		
	14		N 57°22 W	4°41		8.138	4.20			4.61		intake of Ditch is a
	15		n 62°05 W	89°54		8.918	4.61			4.50		1380 S. of 15. T.S. 1100
	16		S 28°10 W			4.81	4.50					on S edge of Mill Run
	17											

15

9.672
83
8.84 2
176 8.4

8.444
4.74
3.70 2
740.8

4.11
1.348
2.762
556.2


16
17
Little Bear River
9,898
2,257
7,641
1428.2
1768
3196

9.085
4.77
431.5
8620

Notes on Hyne

Notes on Survey from the head of Wellsville Canal. Hyne

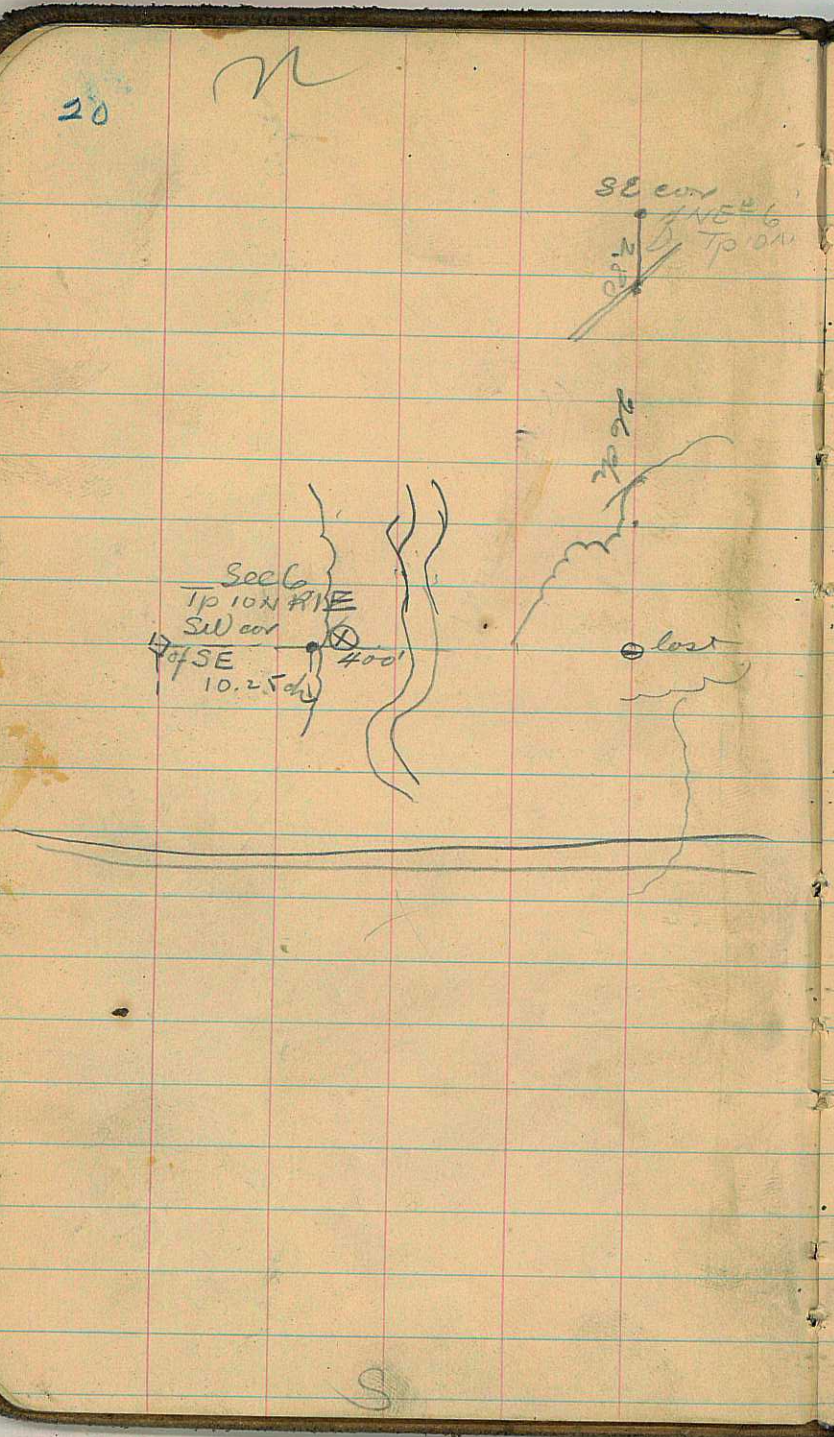
Dist	No.	Course	L and/or R	C	L
			1,37.5		
	1			5.543	4.50
	2	S41°50E			
		S50 45W			
	3			4.70	4.50
	2	N2°20W	2°20'		4.50
	4		29°04	6.278	4.50
	5	N26°50E	22°02'	9.085	4.77
	6	N49°E	109°16'	9.14	4.65
		N60°15W			
	7		21°,1	7.743	4.55
	8	N34°W	58°22	8.197	5.19
	9	N19°05E		6.723	4.81

Surv Co. 8/15/04

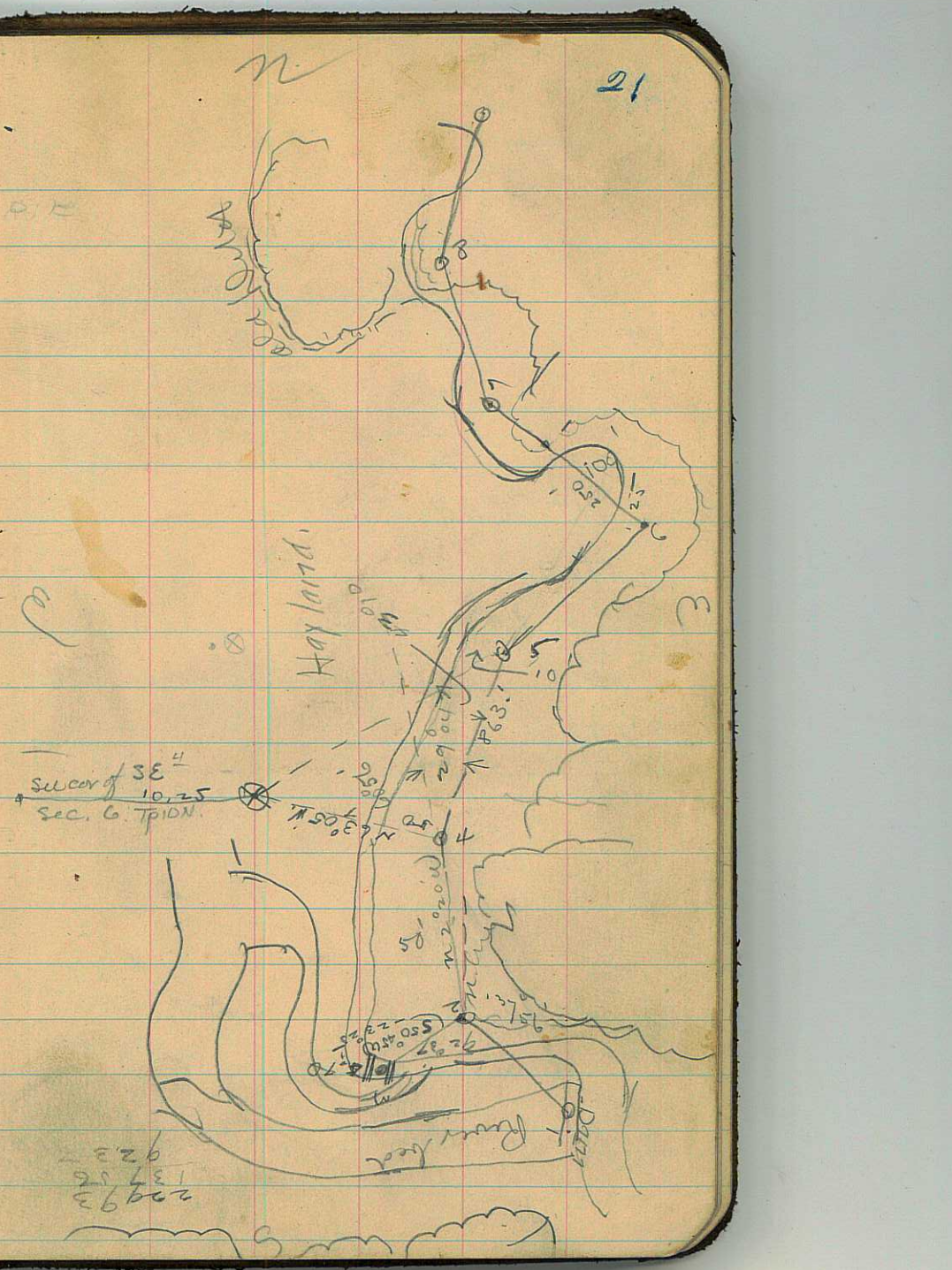
Beg at the SE cor of the NE¼ sec 16 S. 2.80 ch to Willow bears SW S 26 to Bluff bears S50 W

Angles		HI I.R.R	Remarks
−	+		
		4.50	
		4.77	
		4.65	
		4.55	
~~1°51'~~		5.19	
1°51'		4.81	

20


SE cor of NE¼ Sec 6 Tp 10N
Sec 6 Tp 10N R1E
SW cor of SE ¼
10.25 chs
400'
lost

21


Hay land
SW cor of SE¼ 10.25 Sec. 6 Tp 10N.
Road
Ditch

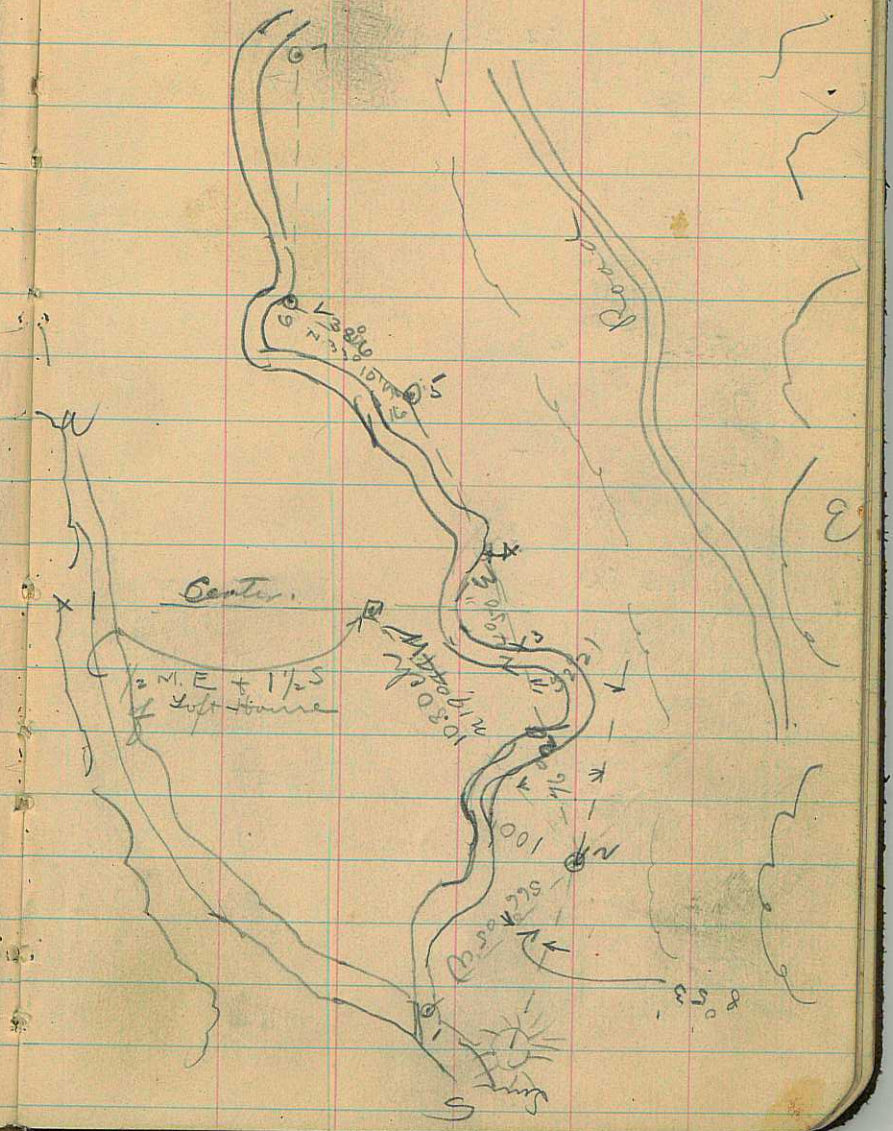
Gypsum Irrigation Co
to Enos Nielsen

8/14	3	for supper
8/14	horse fed 1 night	
8/15	8 meals + horse fed	
8/16	2 beds 2 nights	

Ob. Aug. 16/06
H = 49°40'
Handle 2.50
2 1/2 S of T. line between
9 + 10.

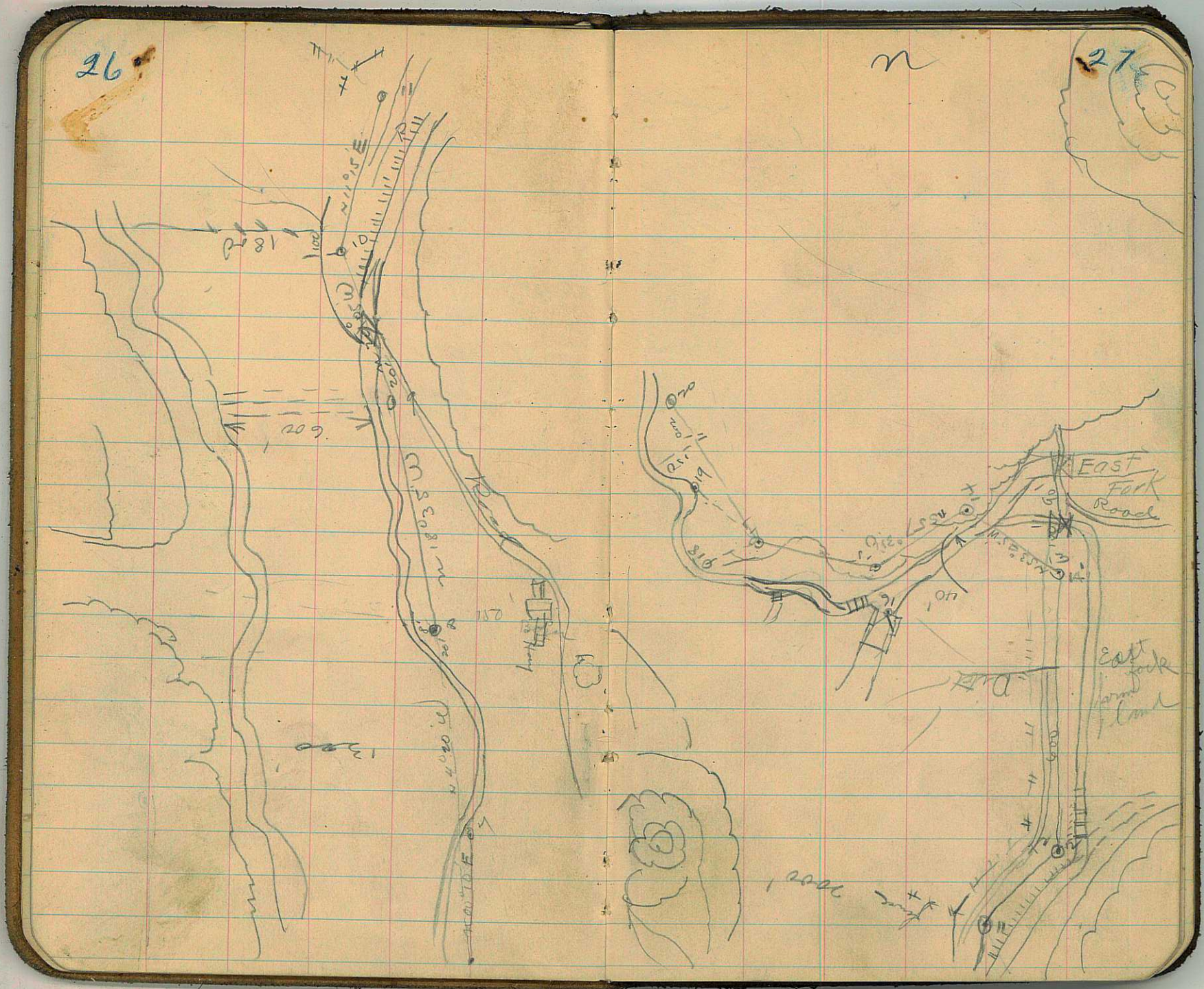
31 ch

at S. fork of little Bear River 8/16/06



Notes of Hyrum Irrigation Co.

Sta	No.	Course	Angles L	R	Stadia U	L	Angles −	+	HI	
										4.50
	1				5.697	4.50			~~4.50~~	
	2			52°29					4.50	from Sta 0 on n. bk of Canal
	3	n4°50 E			4.50	1.867				
	4	n4°16 E			7.802	4.50				
	5			38°C	9.361	4.50			4.47	
	6	n33°10 W			5.00	4.47				
	5			4°30						
	7	n00°10 E			6.361	4.47				
	5			8°49						
	8	n4°20 W		14°38	9.073	4.47			4.80	
	9	n18°35 W		1°28'	8665	4.80	1°48		4.31	
		n20°05 W								
	10			31°26	7.372	4.31			4.50	
	11	n11°15 E		35°27	5.983		1°21		4.91	
	12	n46°45 E		46°50	6.027				5.15	
		n								
	13			53°38	9.081	2.856			4.97	
	14	n53°45 W		68°48'	6.272	4.97		2°33'	4.99	
	15	S57°35 W		73°31	6.29	4.49	55'		5.11	
		S15°00 E								
	16				5.44	5.11	6°48			In center flume of E fork where Hyrum Canal diverges off


East Fork Road
East Fork Farm Creek

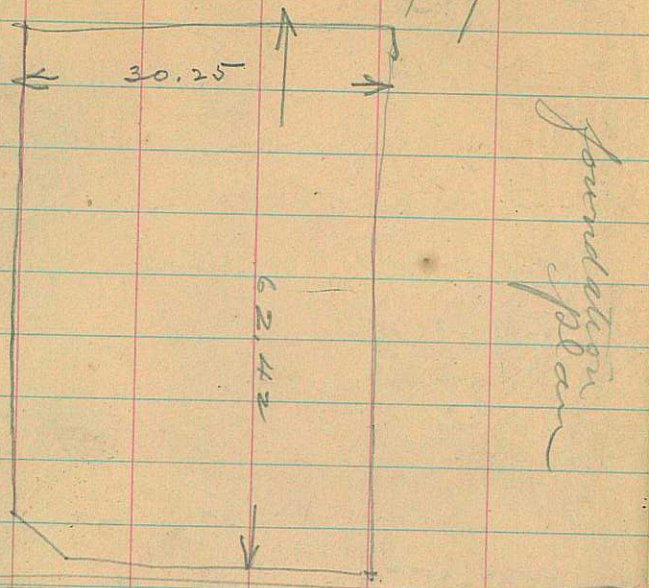
Notes Cor. Hyrum Platting 8/16/06

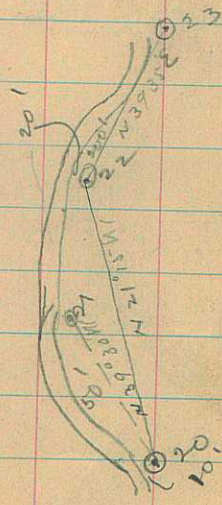
Dist	No	Course	angles L	R	Stadia		Angles +	−	HI
	15								5.11
		S15°00E						6°48	
	16				5.44	5.11			
15				34°47					
		N87°35W							
17			28°13		8.630	5.11		34	5.02
		S64°10W							
	18				5.65	5.02			
17				2008'					5.02
		N67°30W							
	19				6.44	5.02		2°23	
17				24°10					
		N63°30W						29'	
	20				7.978	5.02			4.85
		N39°30W							
	21				6.21	4.85			
20				42°15'					
		N21°15W						34'	
	22			60°54	6.933	4.85			5.02
		N39°35'E						30'	
	23				6.376	5.02			

30

Bank at Richmond

8/27/06

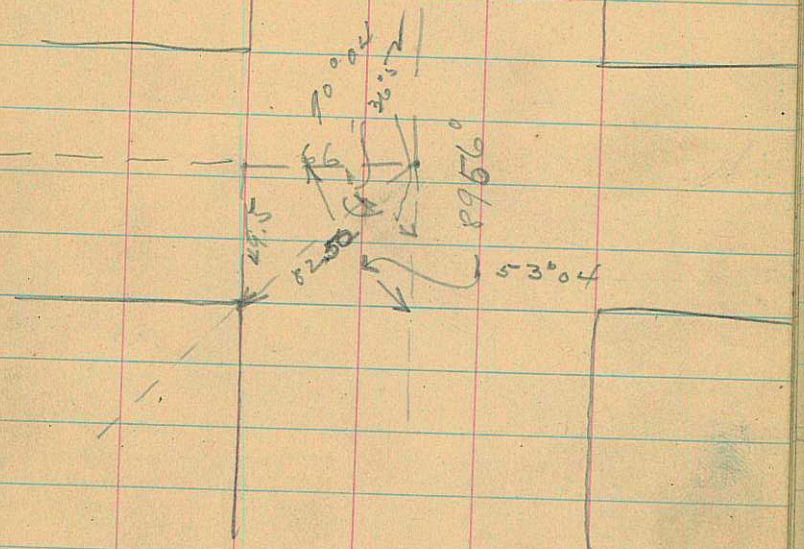




31

Bank location

8960
36 S 2
53 08



Stubs at Cross Road Richmond

180°
6610
2 | 46 10
12365
6610
5655

Headmen 2.

pole 1

37.26
180
2 | 17 26
10843
3726
7117 L

pole 27

D.M.

Pole 20

3419
180.00
2 | 1419
10669
3419
7250

Pole +D.M.

Pole
43 L 25°48'
180.00
2 | 2054 8
10254
2548
7706

Pole +D.M.

764.1
760.7
15 20 8

140
8 34
1 66

2 | 10 41
3 | 31.1
1.03
73
192

Pole 0 0

48

21°35 — 2 | 20135 — 100 47 — 21 37 — 74 12

180

35

D.M.

59 — R 66 70 — 180 — 246 20 — 123 10 — 1 23 78 — 69 22 — 53 56

D.M.

65 — R 32 37 — 180 — 212 37 — 106 78 — 105 72 — 32 37 — 73 41

D.M.

70 — 98 12 — 180 — 278 12 — 138 60 — 98 12 — 40 52

660
69.5
7755

From No 8. at intersection of perples store W 778.7 ft to No 4 at 1W + m.

From n 8. E 777.05 to No 1 at 1E + m.

From No 8 N 1524.8 to 19 Int. 2N + State

from No 8. S. 761.52 to No. 3 State + 1st South

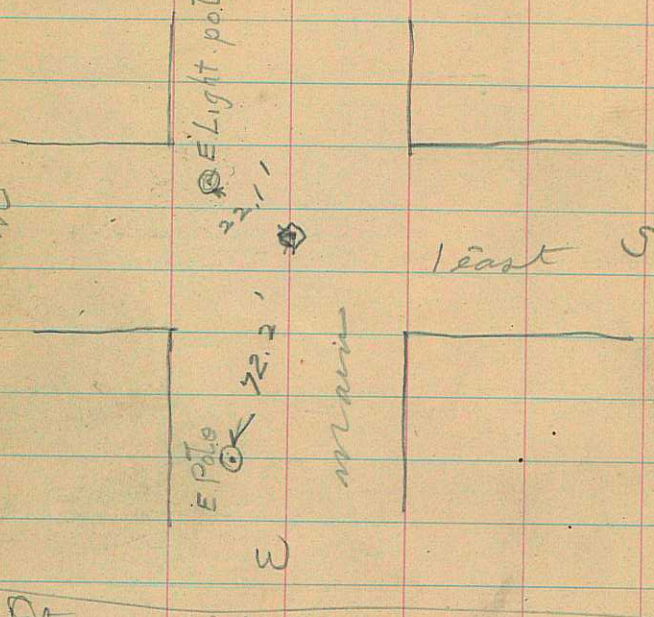
34 Richmond

Aug 29/06

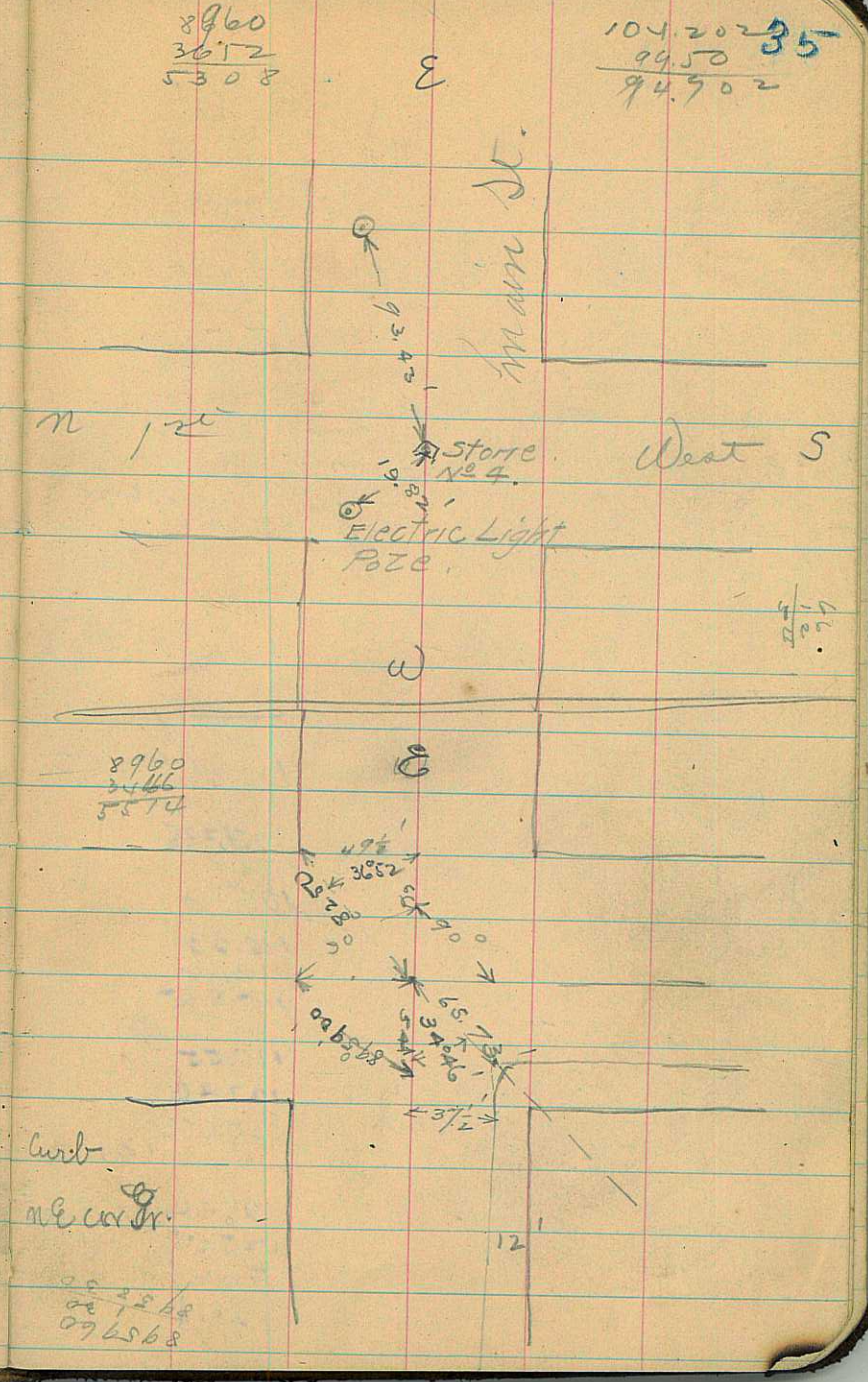
Description of Street centers in Richmond

E

on main + 1 east.



Sta	BS	F.S	HI	Elev
		4.70		99.50
				99.44
		4.202		100.00
				104.202



36 Profile levels on the N Side of Main between State & 1st east

Richmond

Sta	BS	FS	HI	Ele	HI
BM	8.288			100.00	108.288
			6.00		102.28
			6.354		101.934
+57.5			2.930		105.36
0			6.20		102.09
68.5			2.08		106.20
+			~~+05~~		
0+80			0.94		107.35
1+00		0.91			107.378
1+00	8.907			~~116.285~~	116.285
1+08.8			7.92	108.36	~~108.36~~
1+37.5			6.947		
				109.338	
1+50			7.12	109.16	
2			6.05	110.23	
3			3.12	113.16	
4				115.895	
4	10.358	2T			126.253
5			6.70	119.55	
6			2.85	123.40	
TP 6+62		0.60		125.653	131.083
6+62	5.43				
Bm			4.784	126.34	
			5.50	125.58	
			4.60	126.48	
			2.47	128.61	

37

$10^{2}\ 2\ 1\ 1\ 2\ 5\ 1\ 10.$

Stone cap Ripple's store end of wood cross SW cor. Cut M & S on peg at SW. cor. Bank bld. on walk

" " end of Thomas's plat form

~~on walk~~ on Thomas's door sill

on walk

"

end of Plat form Jim's Building at the Central office door

end of Plat form Jim's building

walk

"

"

"

SE cor of walk

" " 1st E. & W.

On nail in tree NE cor of Int

end of wood cross SE cor. "

center of St. E of SE cor "

SW cor 3rd interection

38

Richmond 8/29/06.

Profile Levels on the E. side of State St. Between M + 9th N.

Sta	BS	FS	HI	Ele	H I
0	6.980			101.934	108.914
+ 82			4.60	104.31	
1+00			5.20	103.71	
2+00			4.72	104.19	
2+			9.54	99.37	
3			6.25	102.66	
4			7.22	101.69	
			9.60	99.31	
T.P 3		3.97		104.944	
5	1.672				106.616
5+40			0.50	106.11	
5+40			4.00	102.61	
6+00			3.84	102.87	
6+58.8			6.85	99.76	
			7.42	99.19	
			9.62	96.99	
			9.82	96.79	
			11.70	94.91	
			9.10	97.51	

39

Going N.

Iron pegs. SW cor int M & State

on walk
" "
on st.
walk
"
St.
walk
"
"
St.
walk

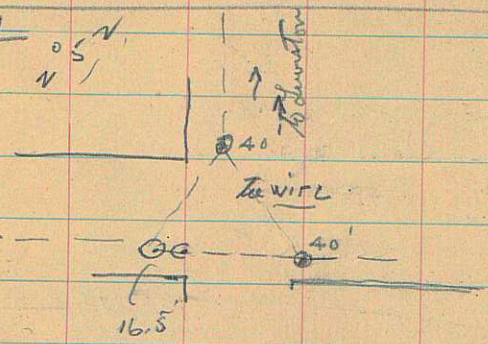
NW cor, Intersection State & 1st N
cen of St. E side on 1st N
SW Iron rod intersection
cen of State on N side 1 N
SE cor rod inter
at intersection of centers lines.

Note

SW cor; rause.

40 Notes on poles
Con aug 30/06

Pole	h	
108	40'	One dead Man
109		



150	R 16'	Dead Man
200	L	Dead W/ Pole
229		Dead Man
264	R 90°	Pole P.T. 20 m

395. P.T. 20 m

196
169
87
5280 ÷ 80 = 66
480
4 80
4 4

2(66.7
33.35

41
468

Pole 285	R	20 m
286		
287		P.T. m
318	L	Dead m
320	R	Dead m

406. 0 m
407 end of line 20 m

42

P. angle R.

326 2603
180.00
2 20603
10301
10261
2603
7658

Two Anchors

at E. bank Bear River

327 52°44
180
2 23244
11622
11582
5244
6038

Anchors 2

at W bank Bear River.

330 14°24
180
4 19424
9712
9642
1424
8248

P + D

346

D. M

353

43.

44

66
18
48 3|50
16

33
264
1.61
3|3135
104

165
16
990
65
2640

48
264
16
3|328
1.09.
104

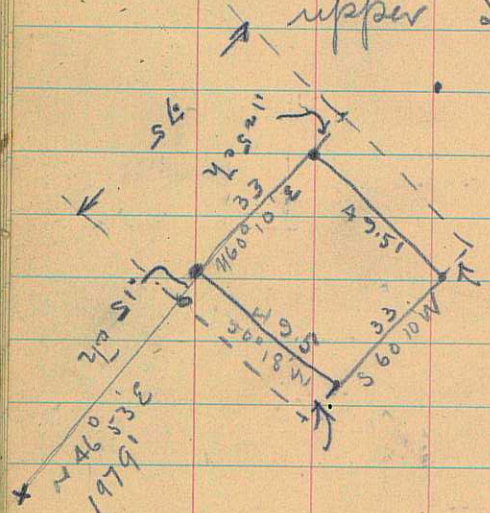
2.86
16.8

45

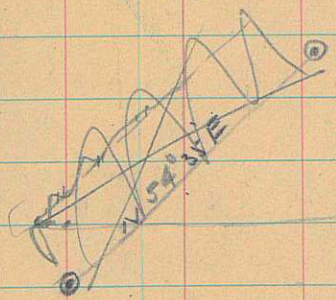
46 n 8/21/06

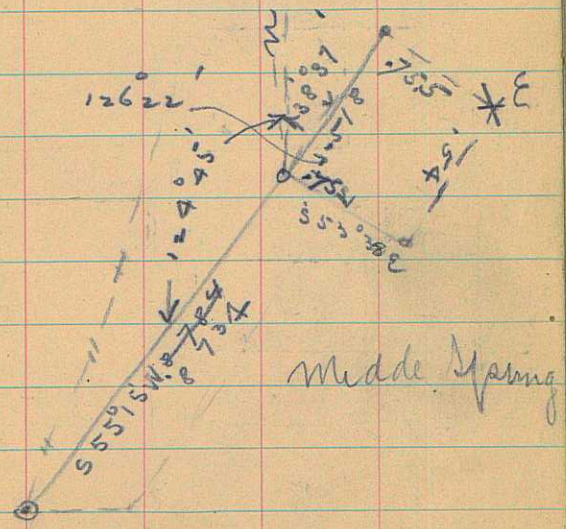
Surv for Smithfield City

Begat spl 1979 n 46° 53' E
of the SW cor of NW¼ sec 24.
13 n. R 1 E.



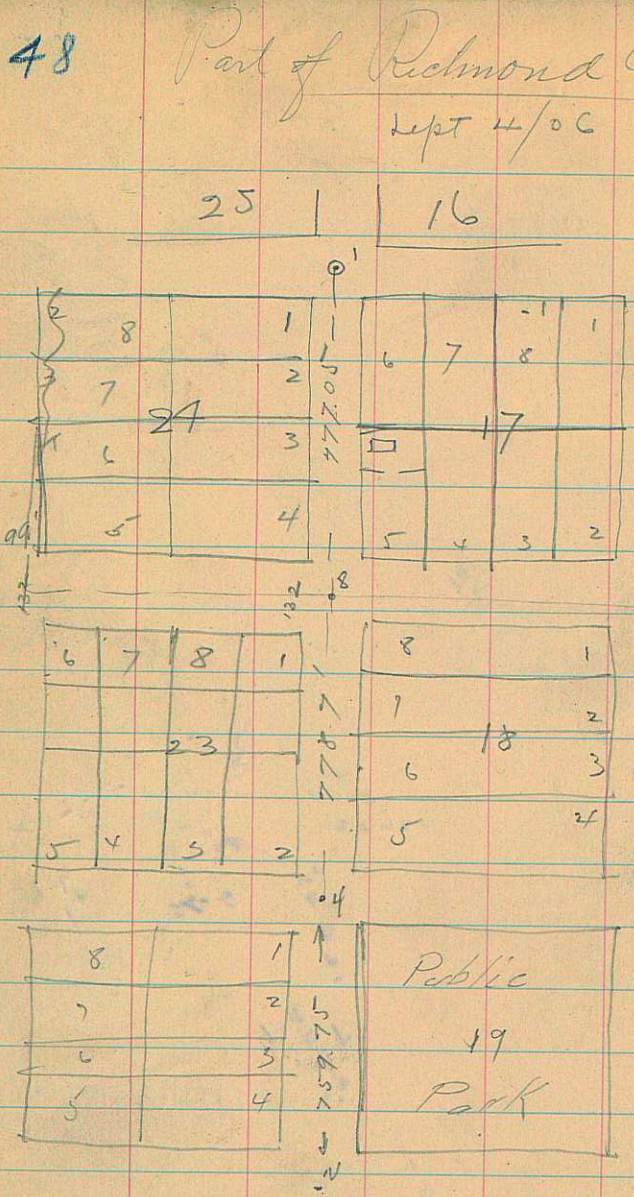
47





Part of Richmond City

Dept 44/06



Grade on Drain in Riverside for Co
Sept 10/06

sta	BS	FS	HI	Ele	
0	7.85		107.85	100.	on lowest point in hollow about 20' S of House
2+40				101.95	on low ground near Roadway
TP 5		1.61		106.24	
6	3.31		109.55		~~at a point end of Main Drain PFS~~ at end of main drain N + 5. at N Martineau's gate.
5+78 22				104.15	
6+00					going N on main Co. highway
9				105.05	low place
TP 11		2.77		106.97	
TP 11	4.92		111.49		
15				105.69	
17				107.99	
18				108.29	
19				107.81	
Bm 19				107.44	on Hub, at fence
20				107.99	
21				106.59	
TP 21		4.90		106.59	
TP 21	2.787		109.38		
23				106.26	
24+18				106.76	
~~26~~				104.14	
~~27~~				104.14	
28				104.53	at Jorgensens gate
29				104.18	

Grade levels for drain
Con.
sept. 10/06

Sta	BS.	FS	int	Elv	HT	
29			5.20		109.38	
TP 31		5.731		103.65		on ground.
TP 31	6.555				110.20	
33			5.20	105.00		
35			5.45	104.75		
37			4.95	105.25		
38			4.30	105.90		
40			5.00	105.20		
TP 42		4.605		105.60		
TP 42	5.703				111.30	
43+44			5.90	105.40		in bottom of Canal
48			4.88	106.42		
50			4.57	106.73		
52			4.30	107.00		
53			3.20	108.10		
54			2.10	109.20		
55			3.50	107.80		
55+42		8.490		102.81		
from 47			5.05	106.25		on top of Stake

Note:
2. Canals. 1. 16' & 12'
1 crossing on main drain 18'
1 cross. 8" Tile

Sept 11/06

Benson Drain Con

Sta	BS	FS	IM	Ele	HI
Bm 19	4.220			107.44	111.66
		5.97		105.69	
	4.36				110.05
32			5.20	104.85	
32+32		5.007		105.05	
32+32	4.512				109.56
1			4.45	105.01	
2			4.65	104.91	
TP 3			5.15	104.05	
TP 4	6.430	5.153		104.41	110.84
TP 5			4.91	105.93	
TP		4.30		106.54	
	5.25				111.79
6			11.04	100.75	
6+23			6.45	105.14	
6+44			10.22	101.57	

6+23
6+44
6+64

where proposed drain goes west

beg. of tile

end of Canal

end of tile

end of Canal

56

Grade Notes
Sept 11/06

Sta	BS	FS	HI	Ele	HI	R Rod	Cut.
52				105.50			on gr.
32+32				102.00		0	on gr
1800				105.50			on gr
0				100.00			

Fr. 52 to 32+32 – 0.17781 ft
" 32+32 to 18 – + 2444 ft
" 18 to 0 = – 0.30500 ft
" 32+32 to 6+44 W = .2 ft

0
1
2
3
4
5
6+44

Sta not used

10200
128
100.72

101.57
100.72
.85

10087

57

3.1
3.2
3.30
2.68
3.20
4.80
.85

on line W to House

58 Grades

Sta	BS	FS	inst Ele	HT	RR.	Cut
Bm 47	5.48		106.25 ✓	111.73		
52		6.2300 1778			4.46	2.27 1.477
51		6.4078 1778			4.25	2.66 2.16
50		6.5856 1778			4.08	3.00 2.50
49		6.7634 1778			4.60	2.66 2.16
48		6.9412 1778			5.1	2.34 1.84
47		7.1190	104.61 ✓		5.8	1.82 1.32
47	3.590		109.840 ✓			2.25 dia.
46		5.4070 1778	104.433		3.85	1.55 on gr
45		5.5848 1778			3.93	2.15 1.65
44		5.7626 1778			3.40	2.86 2.36
43		5.9404 1778			3.20	3.25 2.74
TP 42		6.1182	103.72 ✓		3.755	2.86 2.36
42		6.4112 1778		110.13 ✓	4.048	
41		6.5890 1778			4.60	2.5 2.00
40		6.7668 1778			4.45	2.8 2.34
39		6.9446 1778			4.43	3.0 2.51
38		7.1224 1778			3.60	4.02 3.52
37		7.3002 1778			4.06	3.80 3.30
36		7.4780			4.80	3.20 2.68

106.25
3.59
109.84

59

106.25
5.48
100.77
6.23
4.46
1.87

5.72
4.6
6

.1778
6
1.0668

105.500
1.0667
104.433

109.8400
104.433
5.407
3.85
1.557

6.41
4.25
2.16

6.58
4.08
2.50

6.76
4.60
2.16

6.94
5.40

7.12
5.8
1.32

5.58
3.93
1.65

5.76
3.50
2.26

5.94
3.20
2.74

6.1182
3.755
2.3632

4.048
2.3632
6.4112

6.59
4.60

6.76
4.45
2.31

6.94
4.43
2.51

7.12
3.60
3.52

7.48
4.80
2.68

Con

Sta	BS	FS	HI	Ele		RR	Cut
36		7.4780		110.13			
		.1778					
TP 35		7.6558		102.48	V	4.7060	3.25 ~~2.7498~~
TP 35		6.7838		109.26		4.0340	
		.1778					
34		6.9616				4.20	3.26 ~~2.96~~
		.1778					
33		7.1394				3.50	4.1 ~~3.64~~
		.1102					
32+32		7.2496				4.52	
32+32						4.52	
		7.5200					
		.0782					
31		7.4418				4.50	3.04 ~~2.94~~
		.2444					
31		7.1974				5.50	2.2 ~~1.70~~
		.2440					
30		6.9530				5.72	2.73 ~~1.23~~
		.2444					
29		6.7086				4.70	2.5 2.00
		.2444					
TP 28		6.4642		102.804		4.6720	2.3 ~~1.7922~~
TP 28						6.0400	2.3 ~~1.7922~~
		7.8322		110.636			
		.2444					
27		7.5878				6.40	1.64 ~~1.14~~
		.2444					
26		7.3434				6.50	1.4 ~~0.9~~
		.2444					
25		7.0990				5.70	1.8
		.2444					
24		6.8546				4.28	2.6
		.2444					
23		6.6102				4.40	2.2
		.2444					
22		6.3658				3.55	2.8

.1778 × 62 = 3556 + 10668 = .110236

100 − 38 = 62

7.6558
4.7060
2.9498
4.0340
6.7838
6.96
4.20
2.76

gate way 16 wide

7.14
3.50
3.64
7.25
4.52
2.73

on Hub

Hub from or with Stake all cut where more than 0.5

62

Sta	BS	FS	cm	Ele	HI	RR	cut
22		6.3658			110.636	3.55	2.80
		2444					
21		6.1214				4.20	2.20
		2440					
TP 20		5.8770		104.759		3.1170	2.7600
TP 20						3.4440	2.7600
		6.2040			110.963	3.7300	2.23
		2440					
Bm 19		5.9600				3.50	2.20
		2440					
18		5.7156				3.80	2.20
		305					
17		6.020				4.58	1.74
		305					
16		6.325				5.20	1.40
		305					
15		6.630				4.05	2.9
		305					
14		6.935				4	3.24
		305					
13		7.240				2.758	4.7870
		305					
TP 12		7.545		103.418		2.5400	4.7870
TP 12						3.06	4.60
		7.3270			110.745		
		305				3.82	4.11
11		7.632					
		305				5.10	3.1
10		7.937					
		305				4.70	3.8
9		8.242					
		305				4.1	4.7
8		8.547					
		305					
7		8.852					
		372					
		9.224					

8 2 4
6 20

63

7.5450
2.7580
4.7870

2.5400
4.7870
7.3270

Bm

8.85
4.1
4.75

7.93
3.82
4.11

7.63
3.06
4.57

8.24
5.10
3.14

8.54
4.70
3.84

69

9/11/06

Sta	BS	FS	Rm	Ele	HI
TP 5+78			9.224		110.745
5+78			9.104		
5+78			9.104		
			.238		
5			9.342		
			.305		
4			9.647		
			.305		
TP 3			9.952		
TP 3			6.065		
			.183		
2+40			6.248		
			122		
2			6.370		
			.305		
1			6.675		
			305		
0			6.980		

check level

5+785	6.764		104.15	110.914
7		4.07		
	4.388		106.526	~~111.17~~
	4.648			111.174
Rm 19		3.73		

Sta	BS	FS	Rm	Ele	HI
RR Cut			6.777	2.447	
			6.657	1.447	
			4.60	4.50	
			4.95	4.40	
			6.63	3.00	
			7.437	2.515	
			3.550	2.515	
			4.93	1.3	
			5.1	1.3	
			6	.7	
			6.937	.0	

9.224
7.777
1.447

1.2 = 65
.305
610
366
.37210

on Hub

6657
1.447
8.104
4.60
3.50

.305
60
.18300

.305
78
2440
2135
.23790

.305
40
.12200

834
495
3.39

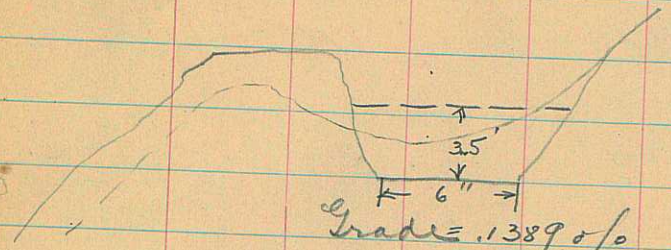
5.25
4.93
.32

8.952
7.437
1.515
3.550
1.515
5.065

on Hub

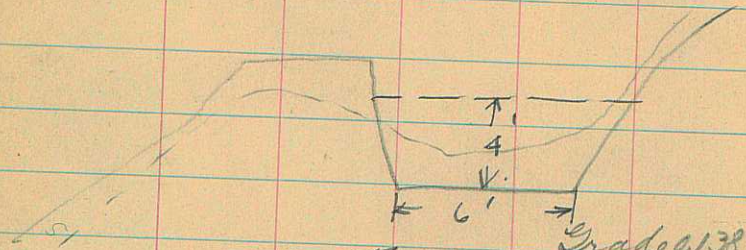
Canal Calculations

from Carb. Rivers a Copy



Grade = .1389 o/o

c = 66.10
n = .025
r = 3.55
Q = 118.037



Grade 0.1389

c = 67.59
n = .025
r = 3.83
Q = 153.20

$$c = \frac{23 + \frac{1}{n} + \frac{.00155}{S}}{.5523 + \left[23 + \frac{.00155}{S}\right] \frac{m}{\sqrt{r}}}$$

$v = c\sqrt{rs}$

Grade for Drain at Lewiston Sept 13/06

Sta	Angles L	Angles R	BS	FS	HI	Ele	HI
26		14'					
31							
60							
99+88							

at this sta stake where placed 7' from fence, bottom of ditch 12' from fence at this sta cen of culvert is 6.28 from fence

to Cand n back going across to St.

Note on pole line in Lewiston-

1/2 N of Inter. St. 76.6 wide

Pole

Dead end Pole at B Pond also tie or anchor

100
68.5
31.5

660
6 | 5 30
126,40 12 | 5 280
2640

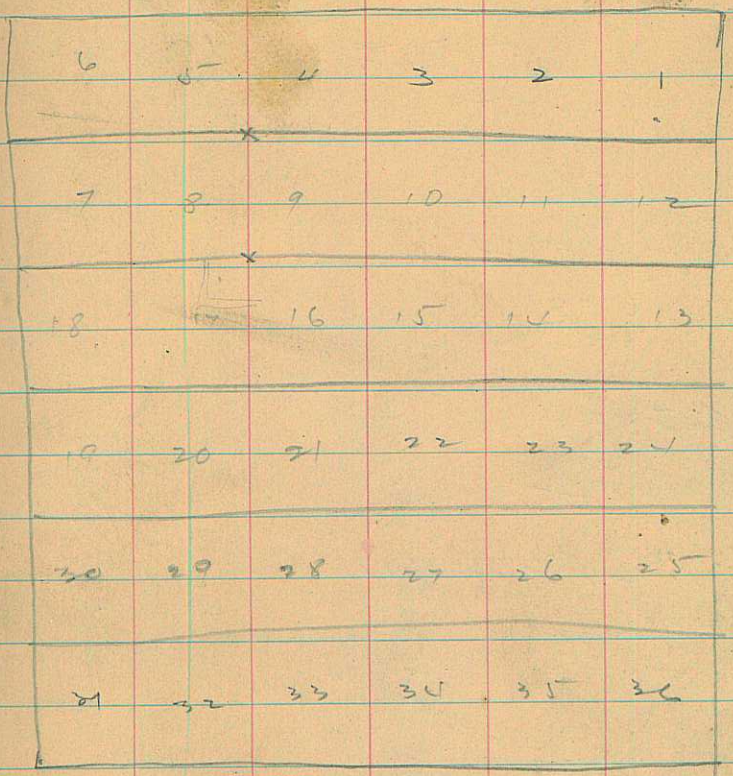
10 Loran Lewis
10 Oneida "
10 Irene "
10 Jarad "
40.4.
10 J.H. Lewis

12

Pearl Bowman
Geo Lewis
Maud "
Joe "
Adda Telford
Evaline Lewis
Wm H. Lewis
Louise Mower

E Edith Lewis
40

M = Mower
40.4



Sur for
Lewis Estate
Lewiston
Mag Var 18° 06' E

Beg at SE cor of NE¼
Sec 8. Tp 14 N R 1 E

Run

Dist	Course	angle R
2640'	S	
13.5		
26535		90°

W

1320 W

2640		1320
660		165
3300 ✓		1485 ✓
165		165
3465 ✓		1650 ✓
165		165
3630 ✓		1815 ✓
165		165
3795 ✓		1980 ✓
165		165
3960 ✓		2145 ✓
		165
		2310 ✓
		165
		2475 ✓
		165
		2640
		165
		2805

2640
1000

1320
660

1320
380
1132.0

660
165
660

5280
3960
1320

1320

{to old stake at SE cor. 8, falling 1.2' to E. BS. to NE. 8. set at E¼ 8.} on SE cor 8

to W line of NE¼ Sec 17

Note

T 14 N. R 1 E.

N line of Sec. 9, bears

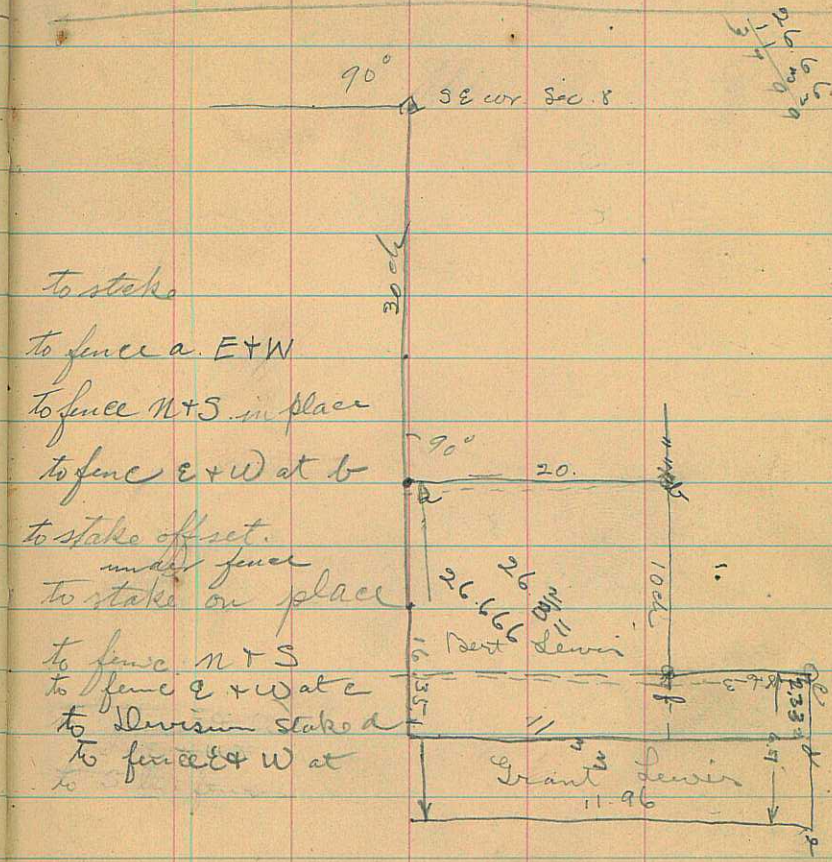
N 89° 56' 30" E

Lewis Surv Cor

Sept 21

Dist	Course	Angle
	Beg at S E cor. Sec. 8. T 14 N	
30 ch	S	90°
30.07	S	
20.00	E	90° 20'
0.02	S	
10.09		
10.07	← 90° 20' To fence E+W at f	
0.05	E	90° 00'
8.63	E	90°
0.07	S	
2.33	S	
6.51		

See over



Lewis Estate Survey

Dist	Course	∠	R
			Beg 30 ch S of SE cor Sec 8.
50	S	90°	
40.27	E	90°	
.57	N	N	
22.105	N	180	
.19	S		90°
31.11			
31.13		69°	
.43	N 21° E		
31.13			98°
21.48	S 8° W		

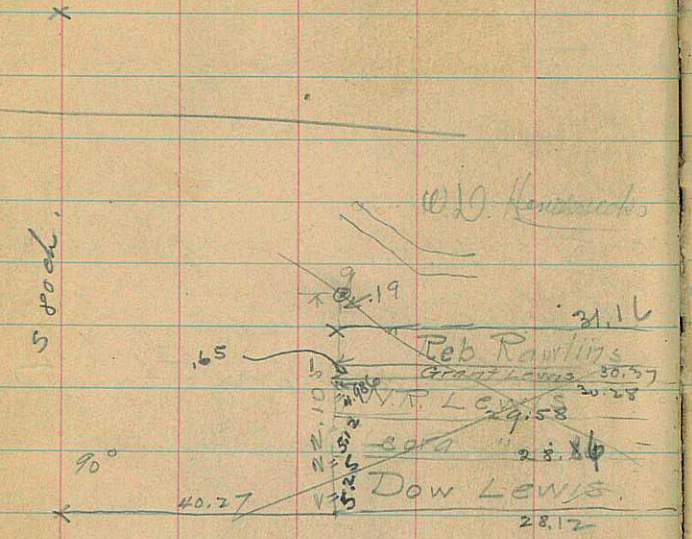
~~8960~~ 90 / ~~69~~ 69 / 21 1790

see over for

to supposed cor lost
to fence N & S
to fence N side of St
to stake g

to fence
to stake, h
to cor N line of lot.
also
along
S E cor of tract

78



a 61.30

This was divided as foll.

61.3
2
21 | 59.3
4.82 to east of the
64.6
46
4 | 60.0
15.0

64.6

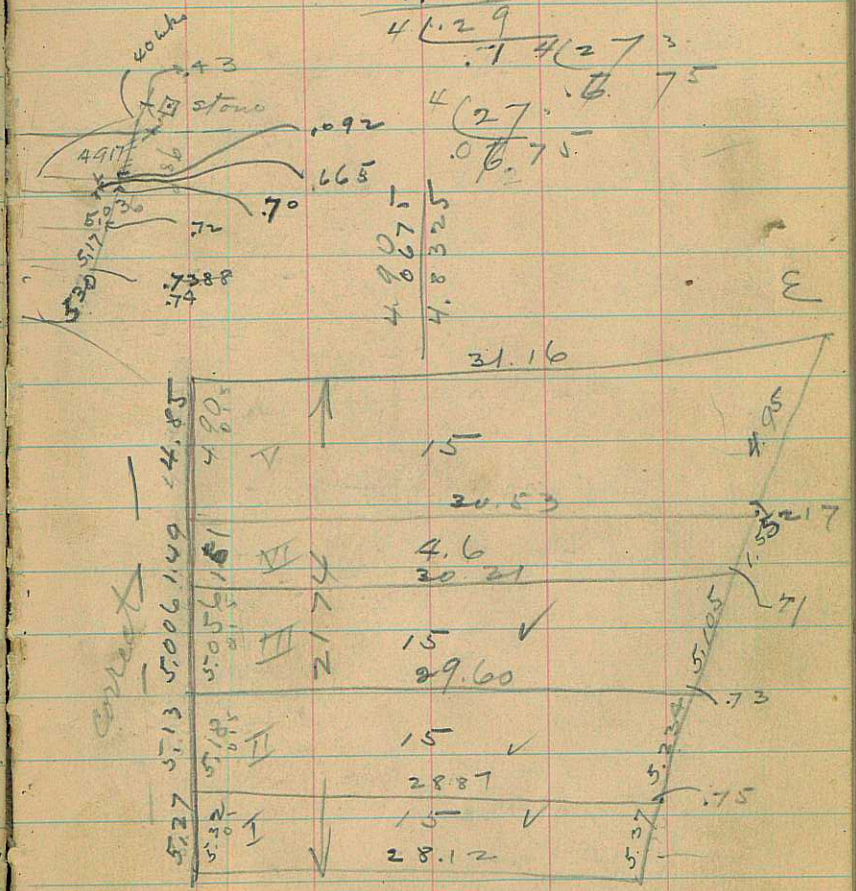
note

79

5.3350
5.1950
5.0700
1.52
4.915
0350

4.950
1.53
5.1.05
5.334
5.37
22.189
21.89
4 1.29
.1 4(27.3
.6.75
4(27.
.0.6.75

30.31
22
30.53



I

$$\frac{300}{14 + 2(\cos Aa)}$$

Log cos 8° = T. 99575

Log 28.12 = 1.44902
1.44477

Log = 300 = 2.47712
1.74687
5.37 0.73025

Log sin 8° = T. 14356
5.37 = 0.73021
T. 87381 = .75

Log cos 8° = 1.99575
0.73025
0.72600 = 5.32

IV

Log cos 8° = T. 99575

Log 28.87 = 1.46045
1.45620
28.59
2
57.18
.14
57.32

Log 300 = 2.47712
Log 57.32 = 1.75831
0.71881 = 5.234

II

Log sin 8° = T. 14356
5.234 = 0.71881
T. 86237 = .728

cos 8° = T. 99575
5.234 = 0.71881
0.71456 = 5.18

III

Log 8° = T. 99575

Log 29.60 = 1.47129
1.46704 = 29.6
2
58.62
.14
58.76

Log 300 = 2.47712
Log 58.76 = 1.76908
0.70804 = 5.105

Log sin 8° = T. 14356
5.105 = 0.70804
T. 85160 = .71

cos 8° = T. 99575
5.105 = 0.70804
0.70379 = 5.05

4.6
2
9.2

.92

14 + ∠ Cos 8°

Log Cos 8° = T. 99575

Log 30.31 = 1.48159
1.47734
= 30.01
2
60.02
.14
60.16

Log .92 = T. 96379
Log 60.16 = 1. 77931
0. 18448 = 1.53

Log Cos 8° = T. 18356
1.53 = 0.18448
T. 33804 = .217

Cos 8° = T. 99575
0.18448
0.18023 = 1.51

1.5
60

300

Cos 8° = T. 99575
30.53 = 1.48473
1.48048
= 30.23
2
60.46
.14
60.60

Log 300. = 2.47712
Log 60.6 = 1.78247
0.69465

I 5.37 + .075 = 5.4375
II 5.234 + .0675 = 5.3015
III 5.105 + .0675 = 5.1725
VI 1.53 × 2 = 1.5500
V 4.95 + .0675 = 5.0175
24.4790

490
490
1.51
5.056
5.180
5.320
21.866

22.10
.51
21.53
.40
21.03
.86
.17

89

I 5.37 - 0675 = 5.3025

II 5234 - 5.1665

III 5.105 = 5.0375

IV 1.53 = 1.5100

V 4.95 4.88

21.8965

OK

21.48
40
21.88

5.3700
0675
5.3025

5.234
0675
5.1665

5.1050
0675
5.0375

4.95 00
0675
4.8825

4.90
1 51
5056
5.180
5320
21.966
21.74
.22.

22.10
21
22.31
57
21.74
.152
20.22

21.74
.200

5.27
5.13
5006
1 490
4 550
21 746
57
22.31

85

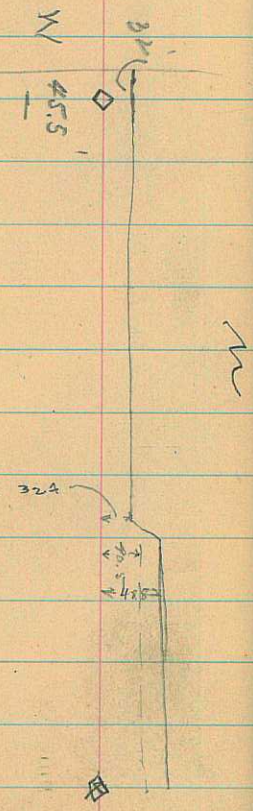
P 6 Lewiston Drain
Sur. Con Sept. 22/06

Beg. at Intersection N 89°56'30" E. 40.5 feet N of Sec line

Sta

13 appro

78.8

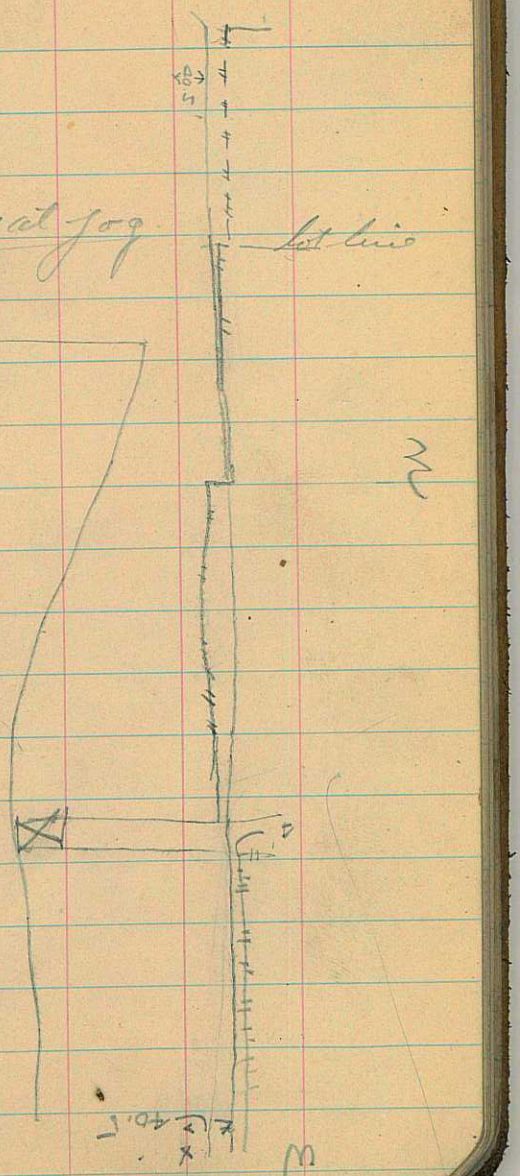


40.50 66
396 .613
90
66
24 0
18
42

NE cor. Sec 8

at fence at jog

lot line



Levels at Lewiston
sept. 24/06 for drain

Sta	B S.	F S	int	Ele	H I	
Bm	5.08			100.00	105.08	on a peg South side of phone pole east of Lewiston
Bm	4.43			100.65		on first cement step entrance to bank
0			5.83	99.25 ✓		on H2O in canal
0			6.70	98.38		in bottom of canal
0			4.80	100.28		center of St.
1			5.15	99.93		on Side walk
1			6.45	98.63		bot. of canal
2			6.40	98.68		" "
3			4.72	100.36		on side walk
3			6.60	98.48		bot of Canal
4			5.85	99.23		on H2O in Canal
TP 5		5.394		99.686		on walk.
5	3.703				103.389	
5			4.80	98.59		in Old Drain
5			4.25	99.14		cent of St.
6			4.52	98.87		in Old Drain
7			3.23	100.16		on W
7			4.65	98.74		in H
8			4.82	98.57		in H
8+50			4.85	98.54		in St.
9			3.98	99.41		on W
9			4.32	99.07		in H
10			5.00	98.39		in H
11			4.32	99.07		on W
11			5.50	97.89		in H
12			7.07	96.32		in H
TP 13		5.534		97.852		on W
13	5.228				103.080	
13			6.89	96.19		in H
13			4.38	98.70		in St.
14			6.84	96.24		in H
15			5.32	97.76		in W
Bm 15			3.930	99.15		near cedar post in side st.
15			6.78	96.30		in H

going east from sta 0 which is 40.8 east + 10.5 n of NE cor. sec 8. 9 14n R1E.
Hayballs store

con.

Sta	BS.	FS	HI	El.	HI	
15			6.78	96.30	103.08	on LO
16			6.99	96.09		on LO
17			5.24	97.84		on W
18			6.88	96.20		on LO
18			6.40	96.68		on LO
19			5.10	97.98		on W
19			7.09	95.99		on LO
TP 20		6.678		96.402		" "
TP 20	7.397				103.799	" "
20			5.15	98.65		on st.
21			6.10	97.7		on W
21			7.30	96.5		on LO
22			7.52	96.28		" "
23			7.63	96.17		on LO
23			4.40	99.4		on bank same levels as st.
24			7.32	96.48		on LO (S side of St.
Bm			5.53	98.27		top of plone pole SE of Sta 24 on A
25			7.51	96.29		on LO.
25			5.22	98.58		on W
25+75			8.25	95.55		bot box under canal
25+85			6.10	97.7		bot of Canal
" "			5.30	98.50		on Hub in Canal
26			4.00	99.80		on ground near bank of canal
26+28			7.99	95.81		bot of leg at east side
27			7.27	96.53		on LO
TP 28		4.918		98.881		on W
28	4.634				103.515	" "
28			7.21	96.30		on LO
28			4.45	99.06		on st
29			7.49	96.02		on LO
30			7.50	96.01		on "
30			4.58	98.93		on W
31			5.15	98.36		" "
31			7.58	95.93		on LO
32			7.70	95.81		" "
Bm 32			4.40	99.115		on peg W side of small gate.

16.5-7.0 = 3.5-0

17.5 / 21

20.28

Con east

Sta	BS	FS	HI	Elv	HI	
Bm 32				99.115		
33			4.62	98.89	103.515	on W
33			7.36	96.15		m LO
34			7.98	95.53		" "
35			8.01	95.50		" "
TP 36		4.377		99.138		on W
36	3.897				103.035	" "
36			7.68	95.35		m LO
36			4.00	99.03		m St.
37			7.89	95.14		m LO
38			5.00	98.03		on W
38			8.05	94.98		m LO
39			8.29	94.74		" "
40			4.68	98.35		on W
40			9.15	93.88		m LO
41			9.28	93.75		m LO
42			5.55	97.48		on W
42			9.32	93.71		m LO
43			9.64	93.39		" "
TP 44		6.252		96.783		on W
44	2.128				98.911	" "
44			5.80	93.11		m LO
44			2.10	96.81		m St.
45			6.40	92.51		m LO
46			2.30	96.61		on W
46			6.50	92.41		m LO
47			7.43	91.48		" "
48			5.80	93.11		on W
48			8.03	90.88		m LO
Bm 48			5.70	93.20		on peg at post north of Sta. 48
49			8.13	90.78		m LO
50			7.31	91.60		on W
50			8.59	90.32		m LO
51			8.48	90.13		" "
52			8.66	90.25		on W
52			9.14	89.77	✓	m LO
Bm			7.348	91.563		

on top of stone line cor see 91

T 13 N. R 1 E.

Levels of Lewiston

94 Drain. going west of Bank corner. 9/24/06

Sta	BS	FS	HI	Ele	HT	
Bm	3.265			100.650	103.915	on first step entrance to Bank
			4.00	99.91		at intersection of Sts.
28			4.00	99.91		note, this line was began 28+75.8 west of 0
27			4.15	99.76		
26			4.42	99.49		
25			4.10	99.81		
24			4.60	99.31		
23			4.30	99.61		
22			4.70	99.21		
TP 21		3.752		100.163		on ground same con. as St.
21	4.275				104.438	"
21			5.50	98.94		in Ditch
21			5.18	99.26		in St.
20			4.45	100.00		on CO
20			5.65	98.79		in DO
19			5.80	98.64		" "
18			5.00	99.44		on CO
18			6.12	98.32		in DO
Bm			4.32	100.11		on peg about 6 in W of Sta 17 at post
17			5.60	98.84		in DO
16			4.58	99.86		on CO
16			5.78	98.66		in DO
15+30			5.60	98.84		in bottom of Canal
15			4.10	100.34		
14			4.26	100.18		
TP 13		4.167	4.167	100.271		on ground
13	3.920				104.191	
12			3.60	100.59		
11			3.60	100.59		
10			3.50	100.69		
9			3.90	100.29		
8			4.20	99.99		
7			3.96	100.23		
6			3.62	100.57		
TP 5		3.771		100.42		on ground near ; take at fence

100.615 93
14 34
99 21 6

Cor on the West

Sta	BS	FS	HI	Ele	HT	
5	3.146				103.566	
4			3.08	100.48		
3			3.65	99.91		
2			4.62	98.94		
Bm			4.960	98.60	Cor.	on the stone the W cor of NE¼ sec 8-1
1			4.360	99.20		on ground at fence
0			4.35	99.21		on ground at fence
0			5.80	97.76		in borrow pit.
0			4.35	99.21		in St

Going S. from NE cor sec 8 9/24/oc.

Bm	3.253			100.658	103.903	on first step of back entrance
1			4.25	99.65		
2			4.08	99.82		
3			4.62	99.28		
4			5.42	98.48		
4½0			4.85	99.05		on in St ground
5			5.32	98.54		
6			4.54	99.36		
7			4.73	99.17		on ground near stake
8			4.92	98.98		
TP 9		5.208		98.695		
9	3.703				102.398	
10			4.45	97.94		
11			4.10	98.30		
12			4.40	98.00		
13			4.38	98.02		
Bm 13			4.52	97.88		on stake at N side E. L Pole. (can or st name)
14			4.86	97.54		
15			4.45	97.95		
16			4.45	97.95		
TP 17		4.585		97.813		
17	4.352				102.165	

TP 14N R1E

Sta	BS	FS	cm	Ele	HI	
18			4.05	98.11	102.165	
19			4.90	97.26		
20			5.20	96.96		
21			5.22	96.94		
22			5.50	96.66		
23			5.55	96.61		
24			5.80	96.36		
25			5.82	96.34		
26			5.75	96.41		
TP 27		4.653		97.512		
27	4.607				102.119	
Bm			5.238	96.881		on stone the SE cor ¼ NE¼ sec 8.
28			5.30	96.82		on W
29			5 20	96.92		on W
~~30~~						
27			5.80	96.32		on D
28			6.10	96.02		" "
29			6.50	95.62		" "
30			6 30	95.82		" "
31			6 20	95.92		" "
32			4.45	97.67		on W
32			6.40	95.72		on D
33			6.50	95.62		" "
34			5.15	96.97		on walk
34			6.60	95.52		to D.
35			6.90	95.22		
TP 36		6.337		95.782		
36	4.933				100.715	
37			5.00	95.71		on W
37			5.75	~~94.96~~ 95.56		on D
38			4.65	96.06 - 96.66		on ST
38			6.10	94.61 95.21		on D
39			6 30	94.41 95.01		on D
40			6.40	94.31 94.91		" "
40			3.70	97.01 97.61		on ST
41			6 25	94.46 95.06		on D
42			5.30	95.41 96.01		on W

Sta	BS	FS	HI	Ele	HI	
					95.56	
42			5.75	94.96	100.715	m 20
43			6.15	94.56	95.16	
TP 44		5.097		95.618	96.218	
44	3.050				98.668	
44			4.30	94.36	94.96	m 20
44			1.80	96.86	97.46	m st.
45			4.25	94.41	95.01	m 20
46			4.75	93.91	94.51	" "
47			4.77	93.94	94.54	" "
48			5.70	92.96	93.56	" "
49			5.25	93.41	94.01	" "
49			2.22	96.44	97.04	m st
Bm			2.400	96.26	96.86	42' SW of sta 49 on nail in pole
50			4.70	93.96	94.56	m 20
51			4.80	93.86	94.46	m 20
TP 52		3.978		94.690	95.290	" "
52	5.918				100.608	" "
52			3.60	97.01	97.61	m st
53			6.18	94.43	95.03	"
54			6.40	94.21	94.81	"
55			6.40	94.21	94.81	m 20
56			6.80	93.81	94.41	"
57			6.62	93.99	94.59	"
Bm 57			3.90	96.71	97.31	on peg under fence appr. sta 57
58			6.40	94.21	94.81	
59			6.00	94.61	95.21	
60			6.20	94.41	95.01	
TP 61		6.283		94.325	94.925	
61	8.222				102.547	
61			5.20	97.34	97.94	m st.
62			7.62	94.92	95.52	
63			7.93	94.61	95.21	
64			8.52	94.02	94.62	
65			8.20	94.34	94.94	
Bm 66			8.50	94.04	94.64	on peg at phone pole bet. Sta 66 + 65
			8.20	94.34	94.94	

Note just I m
corrected .6
and not T.P.

Sta	BS	FS	HI	Ele	HI	
					94.73	
67			8.42	94.13	102.547	
68			8.35	94.20	94.80	
69			8.15	94.40	95.00	
TP 70		7.952		94.595	95.195	
70	6.858				101.453	
70			4.00	97.45	98.05	in St,
71			6.60	94.85	98.45	
72			7.40	94.05	94.65	
73			6.70	94.75	95.35	
73			4.80	96.65	97.25	on bank west side
74			7.20	94.25	94.85	
75			7.20	94.25	94.85	
Bm			4.65	96.80	97.40	on peg E side of Phone pole but 75+76
76			7.40	94.05	94.65	
76			5.45	96.00	96.60	on bank W
77			7.55	93.90	94.50	
78			7.35	94.10	94.70	
78			4.90	96.55	97.15	Wbk.
79			7.20	94.25	94.85	
TP 80		6.375		95.078	95.678	on crossing into Lewis Estate
80	6.915				101.993	
80			5.70	96.29	96.89	in St.
81			7.20	94.79	95.39	
82			7.70	94.29	94.89	
82			5.35	96.64	97.24	on W bk
83			7.70	94.29	94.89	
84			7.30	94.69	95.29	
84			5.30	96.69	97.29	on W bk
85			7.55	94.44	95.04	
Bm			4.89	97.10	97.70	but 85+86 at phone pole
86			7.40	94.59	95.19	
87			7.50	94.49	95.09	
88			7.35	94.69	95.29	
88			5.00	96.99	97.59	on W bk
89			7.20	94.69	95.29	
TP 90		7.119		94.874	95.474	

101.995
101.99
2.39

109

Sta	BS	FS	HI	Elev	
TP 90	5.973			100.847	
90			3.80	~~97.04~~ ~~94.84~~	in St.
90			4.20	96.64	96 on W bk
91			6.20	94.64	95.24
92			4.40	96.44	97.04 W bk
92			6.70	94.14	97.74
93			6.80	94.04	94.64
94			6.90	93.94	94.54
94			4.45	96.39	96.99 W bk
95			7.10	93.74	94.34
Bm			4.34	96.50	97.10 on peg at phone pole bet 95 + 96
96			4.65	96.19	96.79 W bk
96			4.00	93.84	94.44
97			6.75	94.09	94.69
98			6.95	93.89	94.49
98			5.10	95.74	96.34 on W bk
99			7.00	93.84	94.44
99+88			5.70	95.14	95.74
TP 99+88		3.687		97.160	97.76
99+88	3.456			100.616	
100			6.50	94.11	94.71 Bot of canal
100			5.33	95.28	95.88 on H2O "
101			6.40	94.20	94.80 B. of C
107			4.55	96.06	96.66 on E bk
107			7.00	93.61	94.21 in B of C.
107			5.75	94.86	95.46 on H2O in C
108			7.00	93.61	94.21 in Bot of C.
TP 109		4.260		96.356	96.956
109	3.884			100.24	
111			4.40	95.84	96.44 on E bk
111			7.00	93.24	93.84 bot of C.
112			6.70	93.54	95.14
114			4.82	95.42	96.02 on E. BR.
114			7.05	93.19	93.79 in Bot of C
114			5.88	94.36	94.96 on H2O
Bm			4.15	96.09	96.69 on peg bet 114+115 W side phone pole

Sta	BS	FS	HI	Ele	HT	
					94.14	
117			6.70	93.54	100.24	
118			7.00	93.24	93.84	
TP 120		5.380		94.86	95.46	
120	3.842				98.702	
120			5.75	92.95	93.55	bot of LD
122			6.10	92.60	93.20	" " "
123			6.20	92.50	93.10	" " "
124			6.40	92.30	92.9	" " "
124			5.22	93.48	94.08	on W bk
125			6.70	92.00	92.60	in bot of canal
126			6.60	92.10	92.70	
127			7.00	91.70	92.3	
TP 127		4.294		94.408		on W bank of ditch
127	2.864				97.272	
128			5.45	91.82	92.42	bot of canal
129			5.92	91.35	91.95	" " "
129			3.55	93.72	94.32	W bank
130			6.40	90.87	91.47	in LD
131			7.10	90.17	90.77	" "
131			5.05	92.22	92.82	on W bk
132			8.00	89.27	89.87	in LD
133			8.92	88.35	88.95	
Bom 133			6.707	90.565	91.165	on peg near cor post E of Sta 133
near 133			7.24	90.03	90.63	on stone SE cor. of NE¼ of sec 20 Tp 14 N R 4 E

90.00
89.27
1.73

90.63
89.41
1.22

Oct 5/06

4746
4482
.258

Surv for A Anderson + Co. Hyrum

Beg at cor, of Tp. 11 N 1 E

11 N 1 W. + 10

Drain

Dist	Course	angles R
1.25	W	
40	N	
49		to fence E + W
70		to Ditch
80		

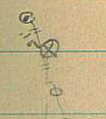
From cor of Tp's

40 ch	N	90
8	E	
13.13		
18.24		
28.23		
38.38		
40.02		

see over

24
10
135

2825
1000
2750
4075
40.00
2825
1250
2750
25

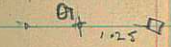


lost.

to temp cor

+

11 N 1 W 11 N 1 E



cor lost,

to W bk Ditch

to Ditch Center

to fence A + S

to D

to temp. cor Center

.424 .60

Dist Course

585
69.20
64.06
69.12
76.85
80

From ne cor of SE¼ sec 31

dl.	S	angles	R
4.39			
4.68			
10.24			
80		90°	
.424	E		

to Ditch West side of St.
to Ditch Division
to fence N + S
" " " "
" " " "
to Temp cor. from this Temp cor. a cedar post N 60° E. 0.798 dk
also one S 70° E.

~~to fen E + W~~
to fen E + W
" " " " S side St.
" fen E + W
To spread cor
found cor. Hence South side of sec. 31 .424 chains long

112

Oct 7/06

From a point 40.18 ch E of NW cor of SW¼ sec. 31

Dist	Course	angle R
3.74	S	
23.86		
23.65		
24.29		
34.25		
40.02		

Beg. at S½ cor

Dist	Course	angle R
5.75	N	
8.47		88°15
4.33	N 88°15 W	
12.83		
8.47	N	
7.10		
15.99		
16.40		88°15
12.90		
4.14	N 88°15 W	

16 S 40.00 − 16.53 = 23.47

8.47 + 8 = 16.47

113

to Divi fence

" " "

to stake

S side field st.

to Divi fence

to S¼ cor 31 fall west .02

stake

"

to SE cor A. Pedersen's lank.

to SW cor " " "

to St.

to pt .13 ch N. of S line of Block

to pt .63 ch W of NE cor A. Peter

see sketch over

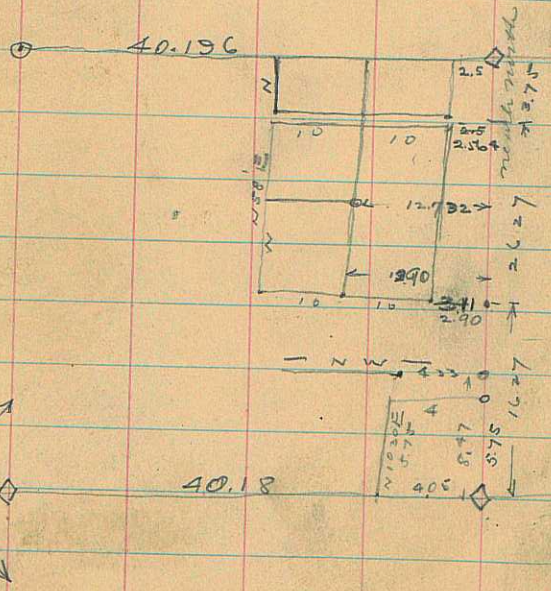
114

40.212

40.196

40.18

40.45



2260
2638
6,22

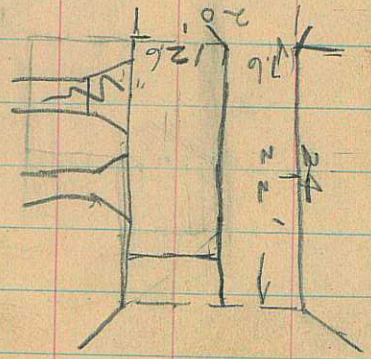
12.53
22.60
26 38

Sur for Conrad L. Anaker
Oct 11/06 41°26

+-

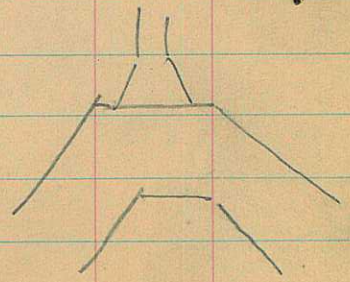
The SE¼ of NW¼, the SW¼ of NE¼
The NE¼ of SW¼

Pen Stock for H.C.E.L.
10/15/06



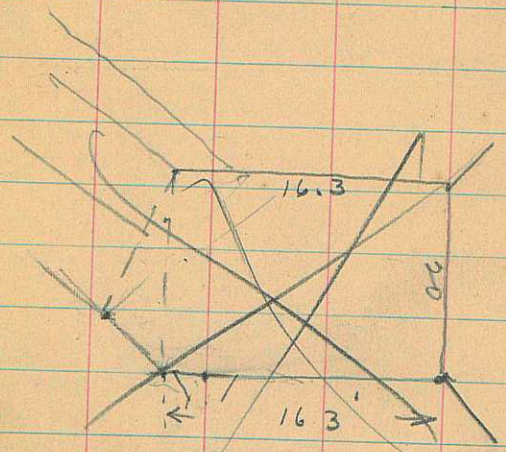
to fence L. F. Millers West
to Ditch, West Andersons
to fence E side Weblevelfield

In Tp. 10 N. R 4 East



118

· 24



8.16
6.69
14.85

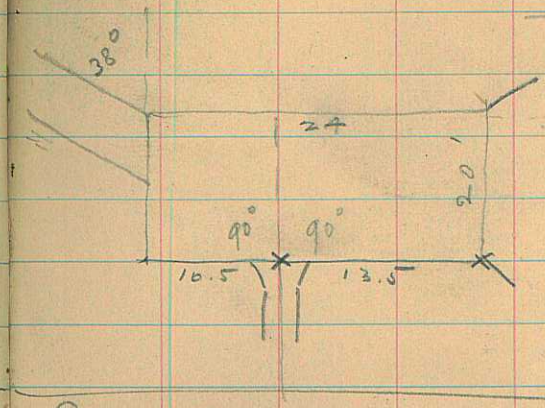
12.85
1.20
1.65

119

100.00
8.16
91.84

106.69
91.84
14.85
2.98
11.87

106.69
94.85
11.85



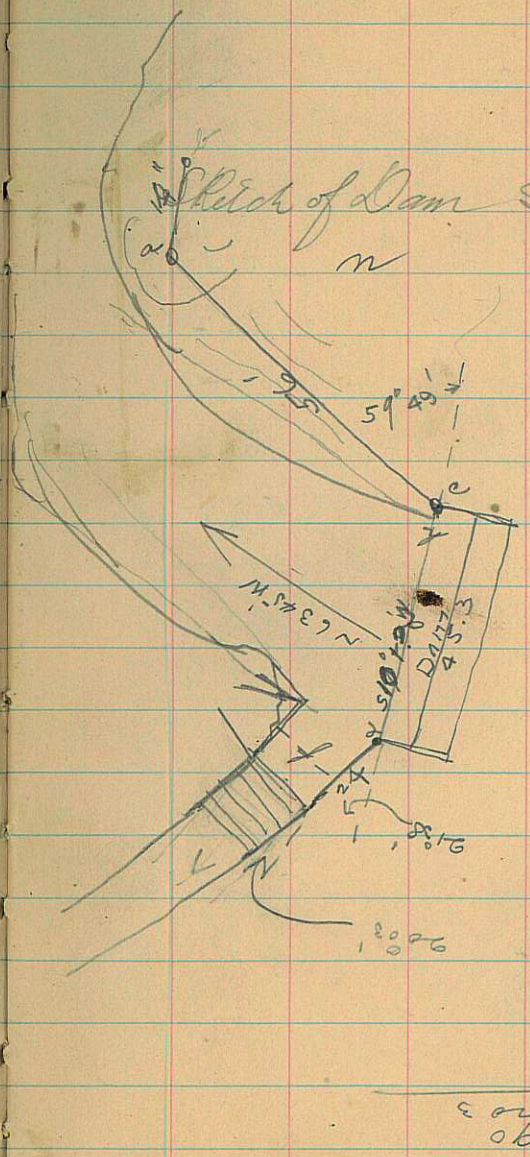
Sta	BS	FS	HI	Ele
B.M.	6.69		254.90	261.59
Nut of P.box		14.85		246.74
SW cor on Hub		2.98		258.61
cut		11.87		
Trench grade				248.74

Sta	BS	FS	HI	Elev	
+	1.90			100.	101.9
		5.20		96.7	
		~~4.45~~			
	5.40	4.45			102.1
	6.30	4.25	on H2O		
		2.10	on Rock		
		7.30			

Sta				
a	3.30			101.36
b	2.00			102.66
c	4.70			99.96
h	6.40			98.26
d	6.30			98.36
d	5.65	on H2O		99.01
e	3.65			101.01
f	7.50	bot of slide gate		104.66

102.1
4.4
97.7
101.7

Sketch of Dam Site


a
b
c
d
e
f
N
59° 49'
N 43° E
7
5
DAM
1.00
2.00
2.00
1.00
2.00
2.00
1.00
2.00
2.00

128 Elevation Notes for Lewiston Drain.

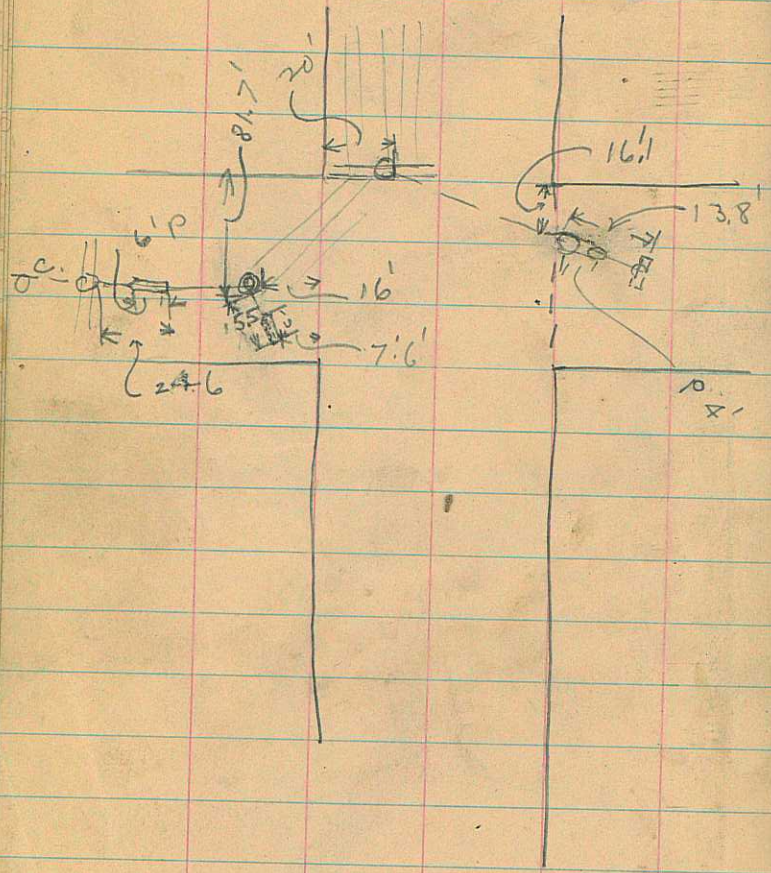
Sta	BS.	FS	HI	Ele	HI
1				99.0	
0				98.18	
29				95.62	
~~0~~				~~98~~	
0				98.18	
40.				93.88	

West of Bank. on grade
Grade .0295 ft/o east.
Int bottom of Canal at Bank int.
Grade .0957 ft/o. S to Sta 29
" from 29 .0427 of S to 129.
Grade from Sta 0 + E to 40
= 1.075 ft/o. ~~to Sta~~

125 Sur. C. & O. Telephone Co.

5 East 3 north

N



126

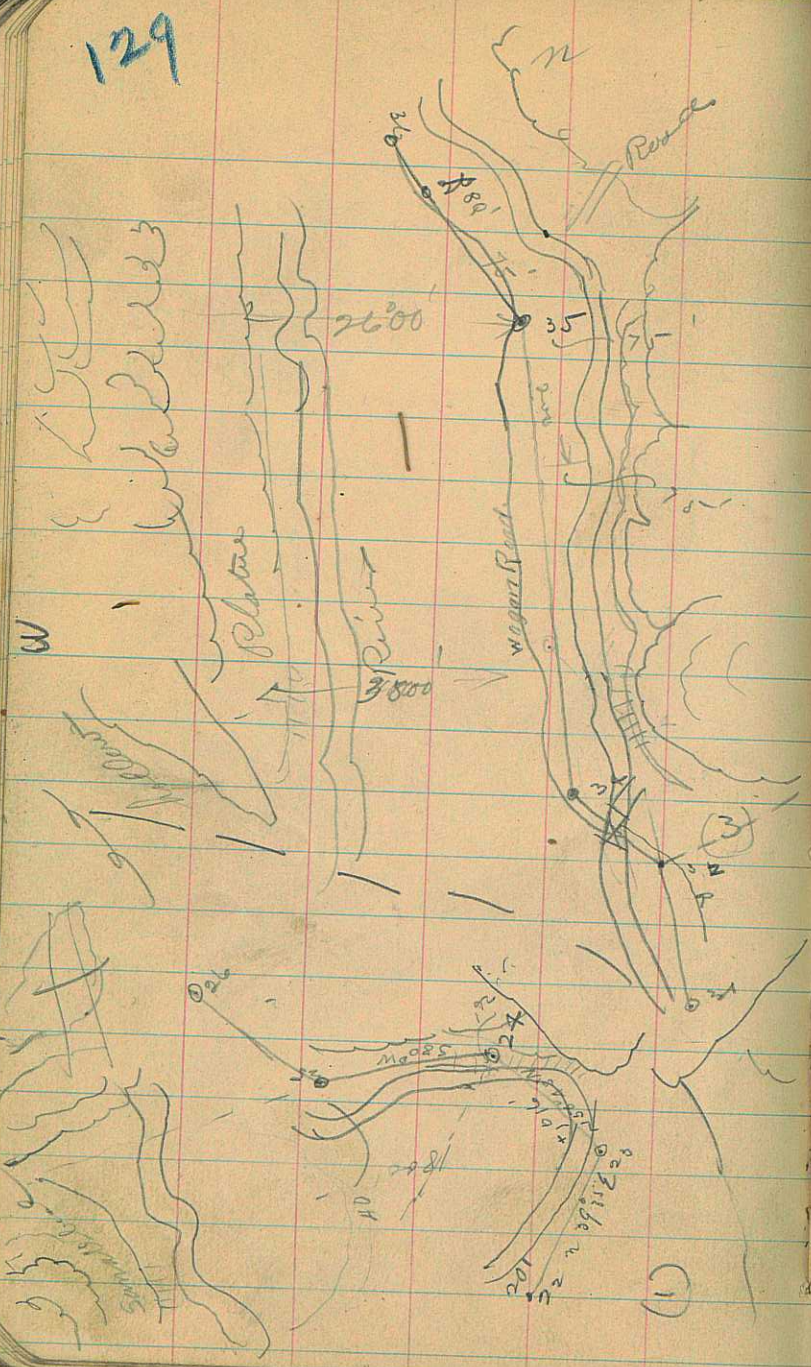
Cor. of Sur for Hyrum Irrigation Co Oct 25/06

angles — see over sketch

Dist	No	Course	∠ angles	R	U	Stadia L	+	−	HI
	23	N 39 35 E	90°36'		6.376	5.02			4.81
	24.	N 50 45 W	49°26		6.274	4.81	10 16'		4.21
	25	S 80° W		34°40'	6.149	4.21	12'		4.66
	26	N 65° 20 W		56°05	HI 4.66	2.117		19'	4.90
	27	N 9° 30 W	20°04		4.90	2.614		7'	4.72
	28	N 29° 25 W		29°45	4.7—	2.004		10'	4.93
	29.	N 00° 20 E			4.93	3.798			
	28			32°51					
	30	N 8° 30 E			4.93	1.648			
	28			41°08'					
	31	N 11° 45 E	24°37		9.83 ~~4.93~~	4.93		17'	4.81
	32	N 12° 45 W		78°11'	4.81	2.534		41'	4.74
	33	N 65° 30 E			4.74	2.961	6°24		
	32		14°19						
	34	N 27° W		25°30	4.74	4.095			4.76
	35	N 1° 30 W	31°52'		9.507	4.76		40'	4.81
	36	N 33° 30 W		11°41	4.81	1.931		17	5.09
	37	N 21° 45 W			10.59+	0.57+			4.84

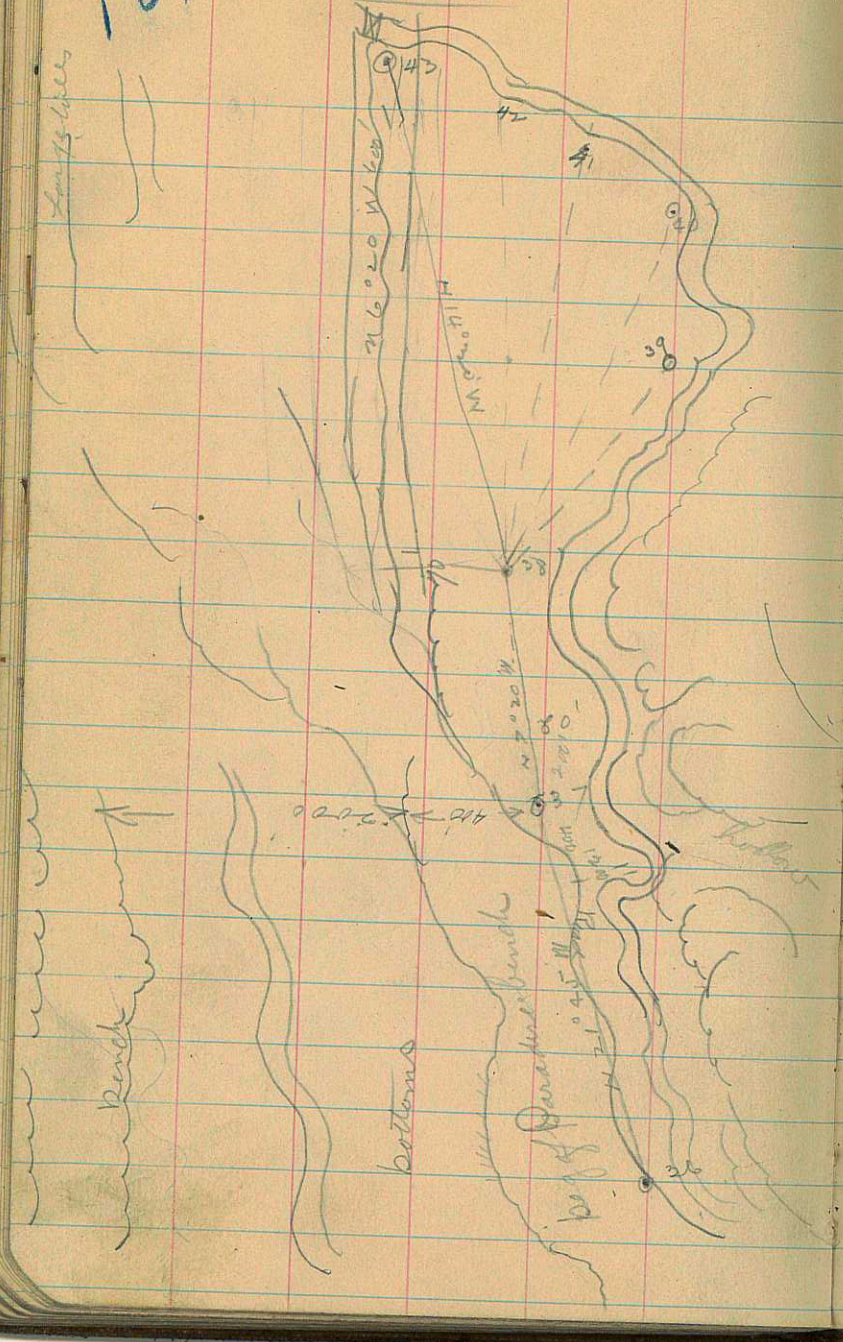
on 1/4 of 1/4 line. 1320' S of 1/4 on sec. at Suffield

on 1/2 cor

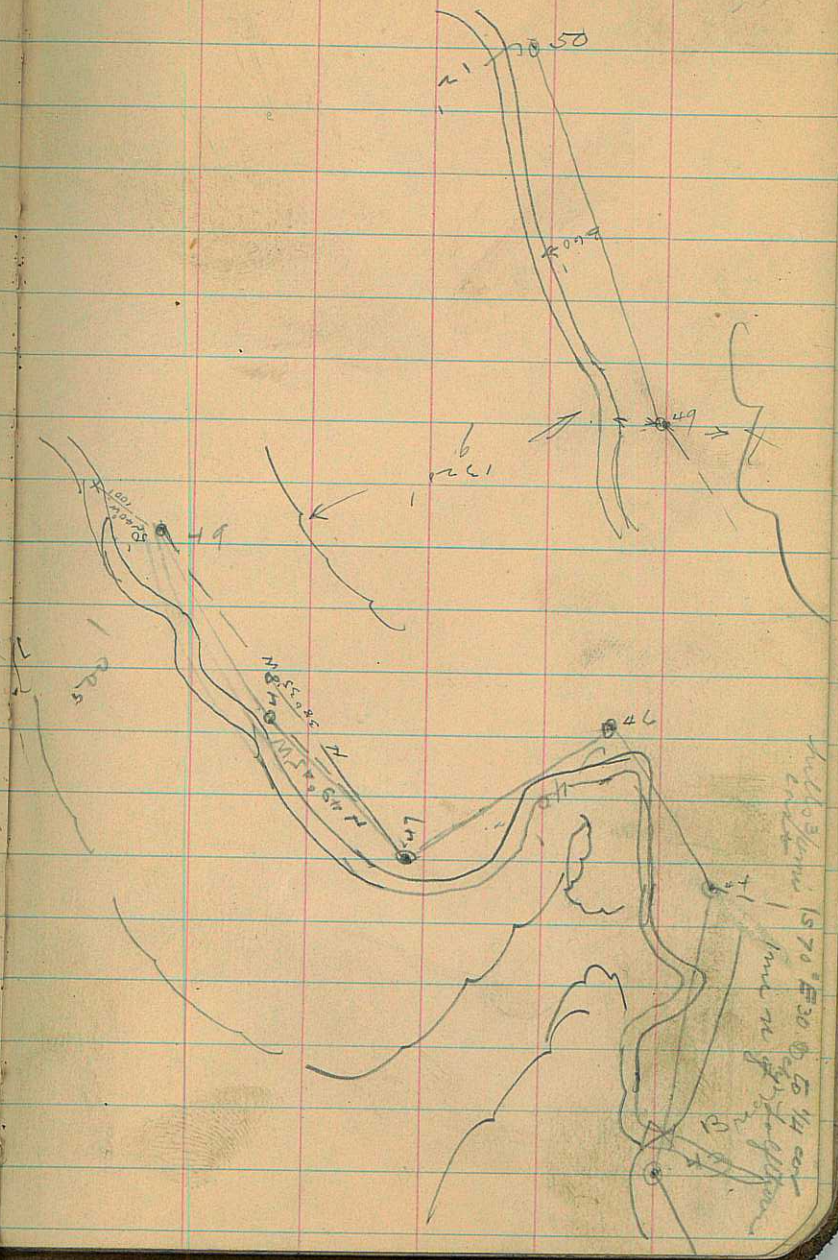

N
Road
2600'
35
Moose River
3800'
Moose Brook
Moose Brook
26
Moose Brook
24
Moose Brook
Moose Brook
Moose Brook

131

Sketch



132


50
49
48
47
46
N 76° 20' W 1100'
N 76° 20' W 1100'
N 76° 20' W 1100'

183 con Oct 25/02

Dist	No.	Course	Angles L	Angles R	Stadia U	Stadia L
	37			14°21		
	38	N7°30W		46°58'	8.01	4.84
	39	n39°30E		'	4.79	41:472
	38			34°57.		
	40	n27°30E			9.579	4.79
	38			13°06		
	41	n5°30E			8.665	2.0
	38			00°59'		
	42	n6°30W			9.002	2.0
	38		7°04'			
	43	N14°30W		21°20'	10.537	2.
	44	N7°05E		102 36	4.73	2.568
	~~45~~	S70°E.				
chains 7 5 30.80		S70°E.				
	44		33°56			
	46	n27°05W	0: 10112		4.84	3.457
	47	S51°50W			4.92	3.109
	48	n49°45W			4.73	2.358
	4					

Angles +	Angles −	HI
HT		
41'		4.79
		4.73
29'		
		4.84
10'	1'	4.92
	49'	4.73

~~705~~
70
7705
705
10236
10441

137

18960
17960
104.41
7019

{to ¼ cor 1 mi N of ¼ cor of Lofthouse
to East side of Street at fence to cor.

con oct 25/66

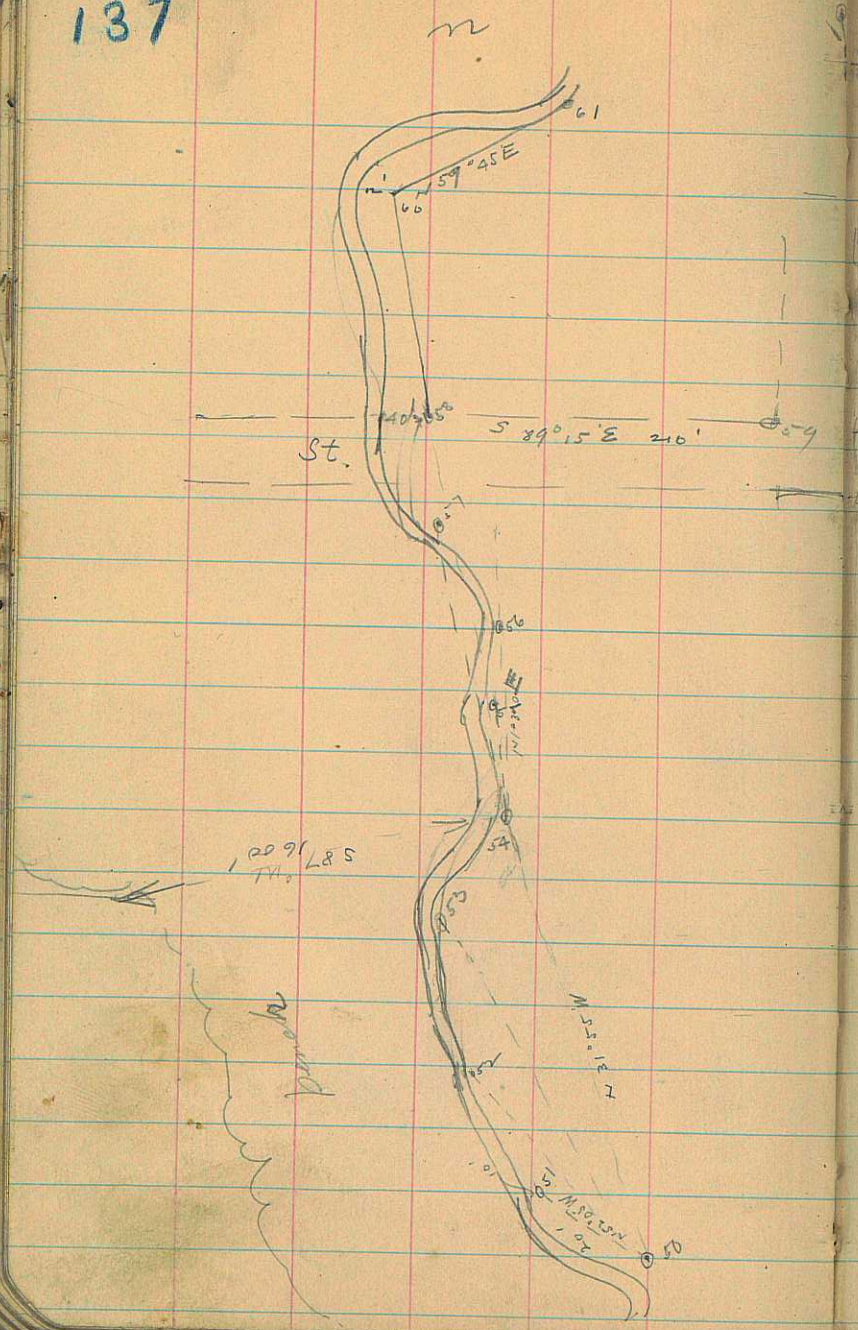
Dist	No	Course	∠	R	U	L
	47			78°25		
		N49°45'W				
	48					
	47			89°34		
	49	N38°35'W				
				8°28'		
		N30°05'W		Oct 26/66		
	50		21°52	8.296	4.69	
		N52°05'W				
	51			4.78	3.547	
	50		11°37'			
		N41°55'W				
	52			4.78	2.438	
	50		8°53			
		N39°05'W.				
	53			8.035	4.78	
	50		1°31			
		N31°55'W				
	54			8.878	4.78	
		N21°10'W				
	55			4.70	4.28	
	54					
		N1°30'E	33°17			
	56			4.70	3.70	
	54		15°41'			
		N16°W				
	57			4.70	3.235	
	54		19°23			
	58	N12°30'W		7.399	4.70	

angles

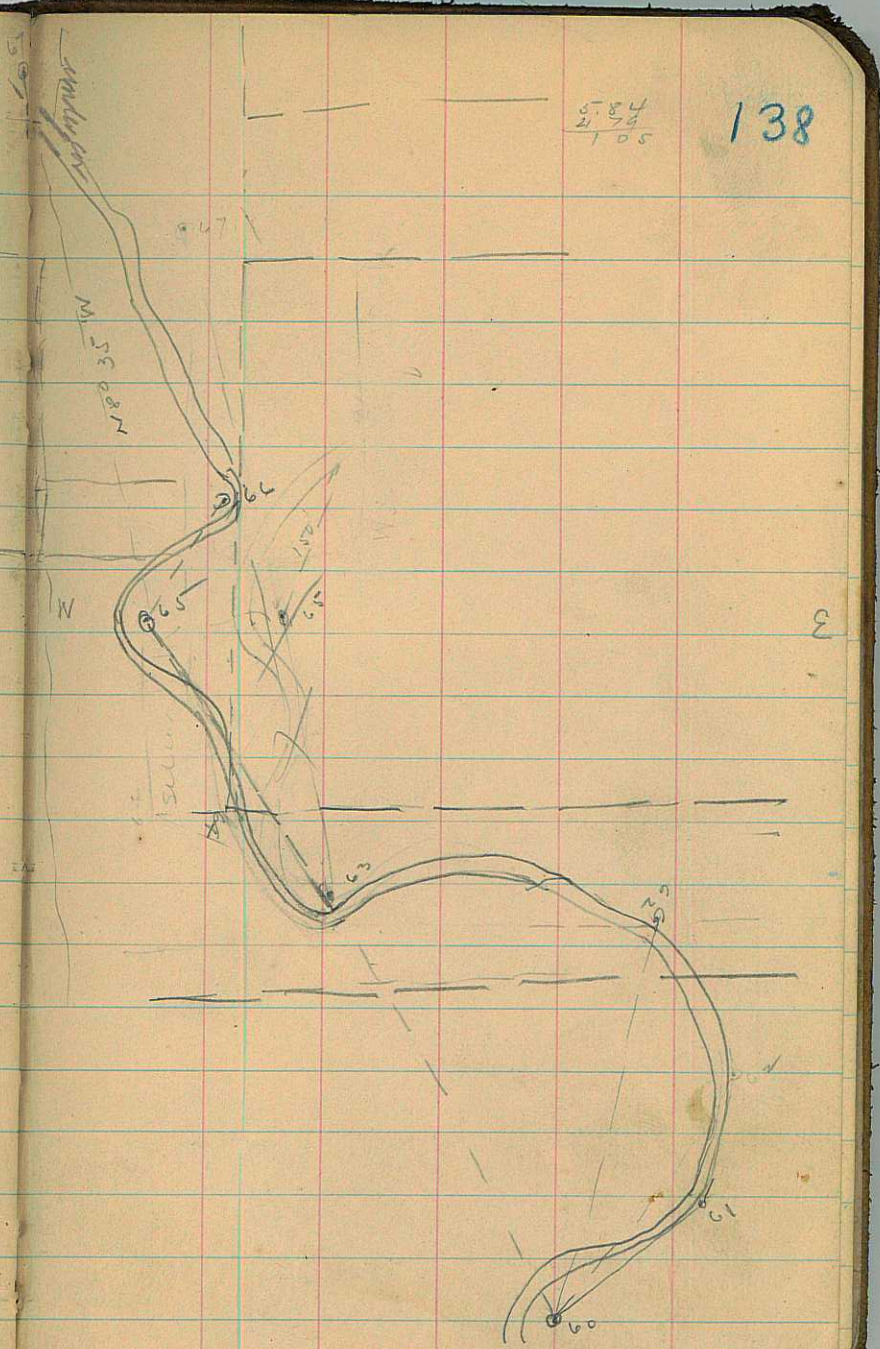
+	−	HI
		left for the day
		4.69
	15'	4.78
	8'	4.70
		4.79

3277
315-F
122

137



138



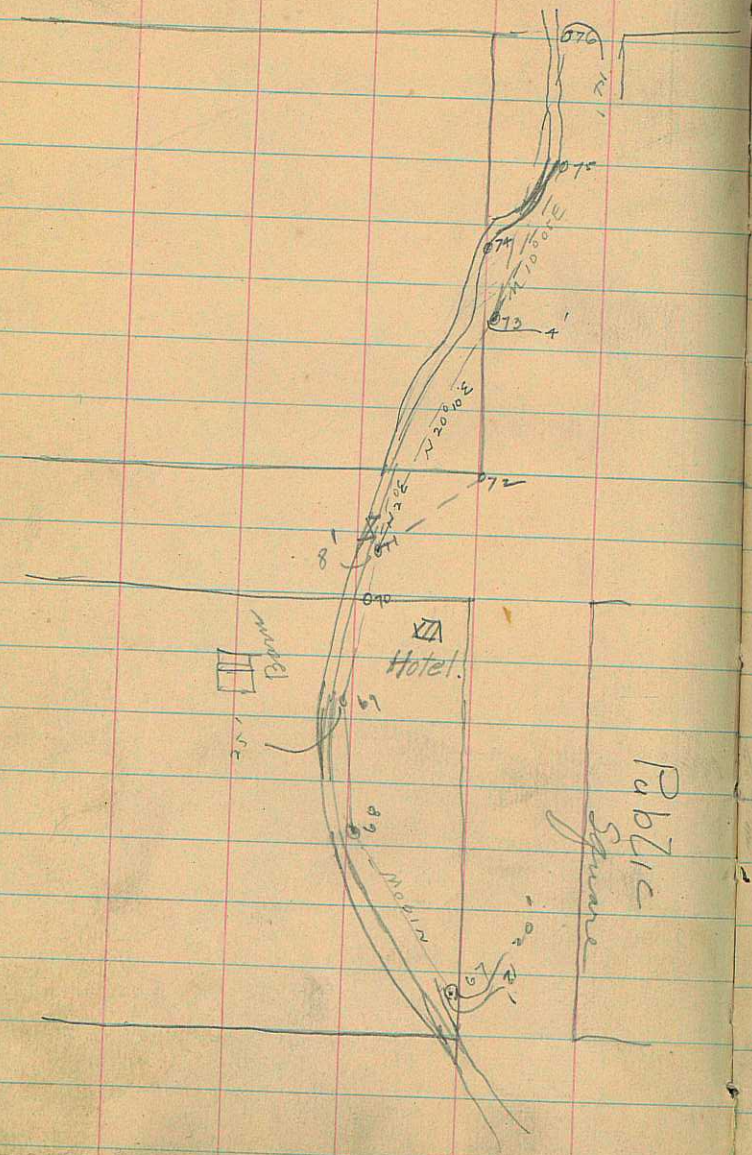
139 Con Oct 26/06

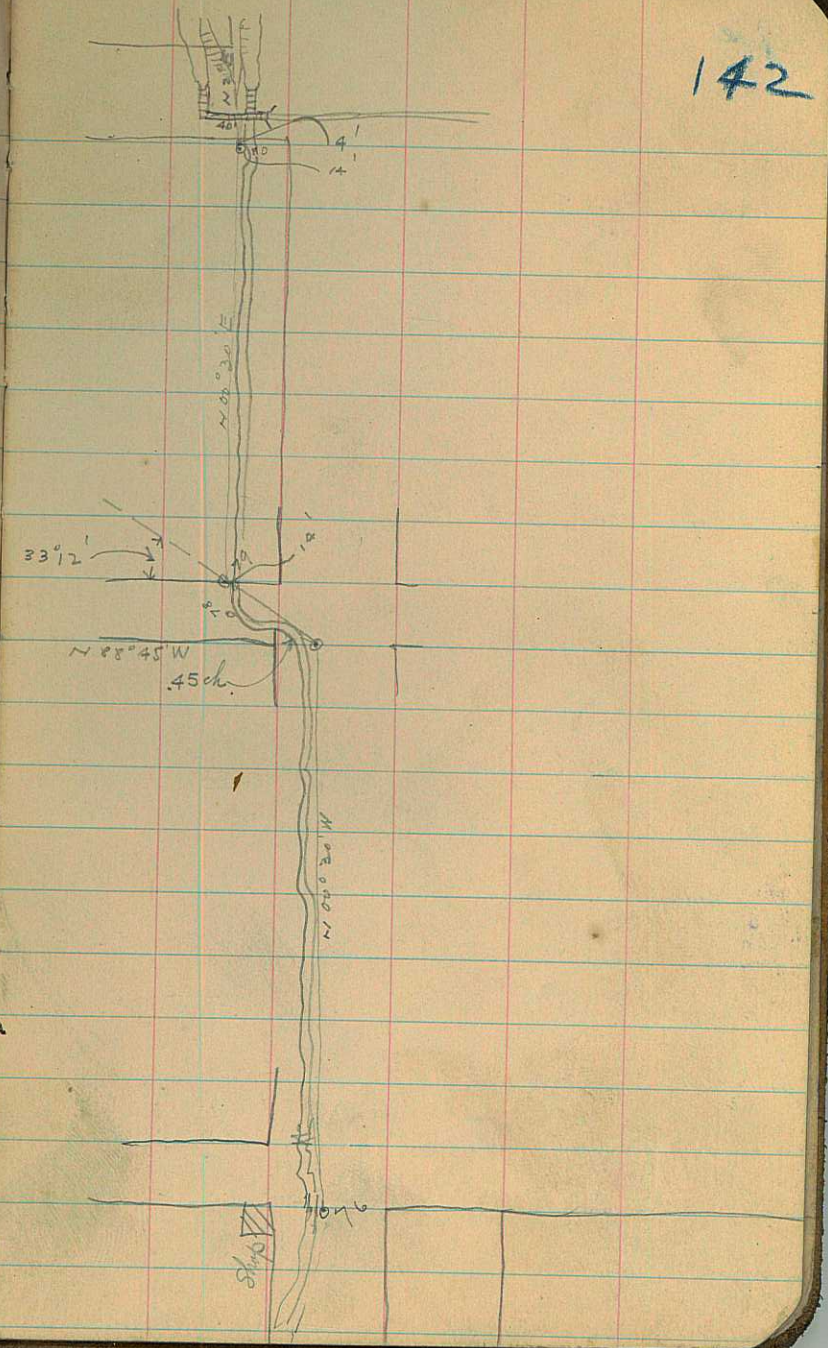
Dist	No	Course	angles L	angles R	Stadia U	Stadia L
	58	N12°30'W		102.56		
	59	S89°15'E			5.84	4.79
	58		1°00'			
	60	N13°30'W		72°52	4.79	2.743
	61	N59°45'E			4.98	4.19
	60			35°03'		
	62	N21°55'E			4.98	3.413
	60		23°26			
	63	N36°30W			4.98	2.886
	64	N66°55W			4.80	4.28
	63			20°01		
	65	N16°55'W		23°42	4.80	2.758
	66	N7°05'E			4.89	3.813
	65			8°06'		
	67	N8°35W	10°28		4.89	2.398
	68	N19°W		18°09'	4.96	3.668
	69	N60°50'W		9°53'	4.98	4.03
	70	N9°20E			5.906	5.03
	71	" "			6.074	5.03

140

Angles

+	−	HI	
		4.79	This Sta is 2.5' S of N line St.
1°05'			SE cor of Block
		4.98	
	18'	4.80	
1°28			SW cor of Block.
	12'	4.89	
	0'	4.96	
	6'	4.98	
	15'	5.03	
		5.10	on N line of Block


076
75
74
73
72
71
070
N 10° E
N 20° E
8'
Hotel
Barn
Public Square
Modern
67
20'


40'
4'
14'
N 0° E
33°12'
12'
078
N 88°45' W
.45 ch.
N 1° E 0.40 N
Shop

143 Oct 26/06

Last	No	Course	angles L	angles R	Stadia O	Stadia L	angle +	angle −	HI	
	71			43°41					5.10	
		N52°E					39'			
	72				5.10	4.57				
	71	N20°10'E		11°05						
	73		20°15		5.10	3.798		33'		
		N00°E (+W)							5.11	(45)
	74				5.11	4.68				
	73		10°09'							
	75	N10°05'E			5.11	4.243		25'		
	73		12°54							
	76	N7°25'E	7°51		5.11	2.626		48'	5.09	in line with S side of St.
21	OK	N00°30W						1°07'	4.85	
11.72 ch	77		77°55		8.957	5.09				
		N78°30W						1°20'		
	78				4.85	4.15				
	77		54°56							
	79	N55°30W						1°23'		
				55°58'	4.85	3.945			4.90	
	80	N00°30E		14°31'	8.277	4.90		1°16'	4.84	
	81	N15°28E	16°24		4.84	3.054		1°03'	5.03	
		N1°5'W						0°28'		
	82		31°09		9.434	5.03			4.97	
		N32°5W								
	83				4.97	3.828				
	82		00°06'							
	84	N1°15'W	27°08'		9.595	4.97		42'	4.77	
	85	N28°30W								
	84	N1°15'W		00°04'	4.77	4.10				
	86									
	84			6.22	7.082	4.77				
		N5°05E						25'		
	87			98°53	11.217	3.50			4.84	
		S75°36E					6°55			
	88			15°21'	4.84	3.027			3.53	
		S60°15E					2°16'			
	89				10.293	3.53				

660 / 510 / 150 / 660 / 90 / 75.9

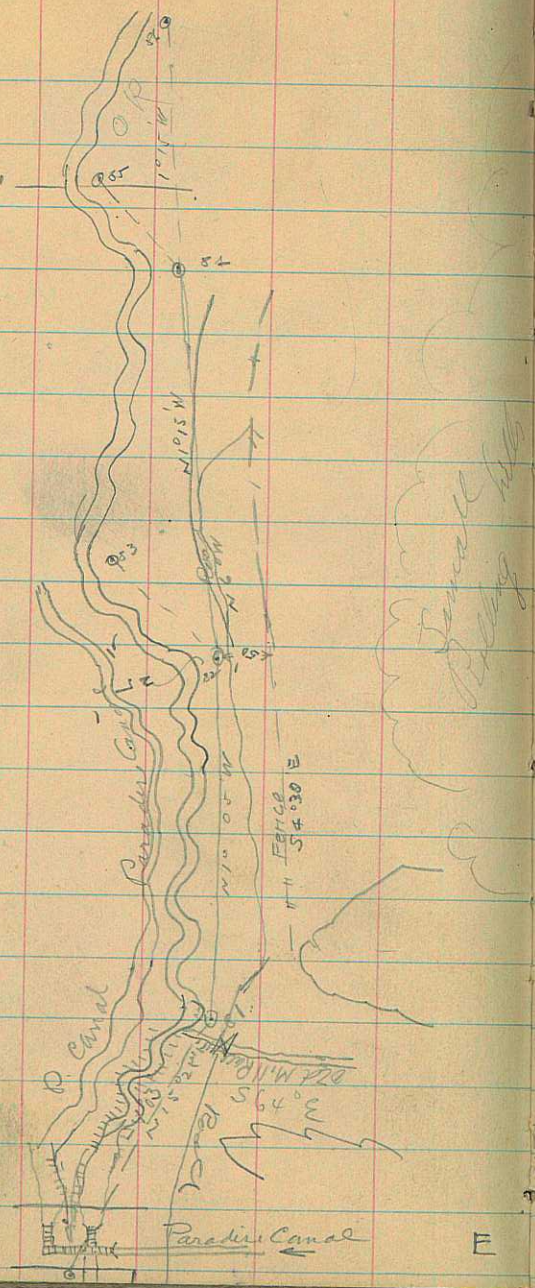
8957 / 5.09 / 3.867 / 773.4 / 759 / 14 / 11.72 ch / 66 / 7032 / 7732

on top of small hill 4.10 m R.I.E going for NE cor Sec 22.

To said cor.

147

145


on lot line
Paradise Canal
Paradise Canal
Fence
S 4°30' E
N 5°00' W
N 4°30' W
N 3°45' W
N 3°30' W
N 3°15' W
N 3°00' W
N 2°45' W
N 2°30' W
N 2°15' W
N 2°00' W
N 1°45' W
N 1°30' W
N 1°15' W
N 1°00' W
N 0°45' W
N 0°30' W
N 0°15' W
N 0°00' W
N 0°15' E
N 0°30' E
N 0°45' E
N 1°00' E
N 1°15' E
N 1°30' E
N 1°45' E
N 2°00' E
N 2°15' E
N 2°30' E
N 2°45' E
N 3°00' E
N

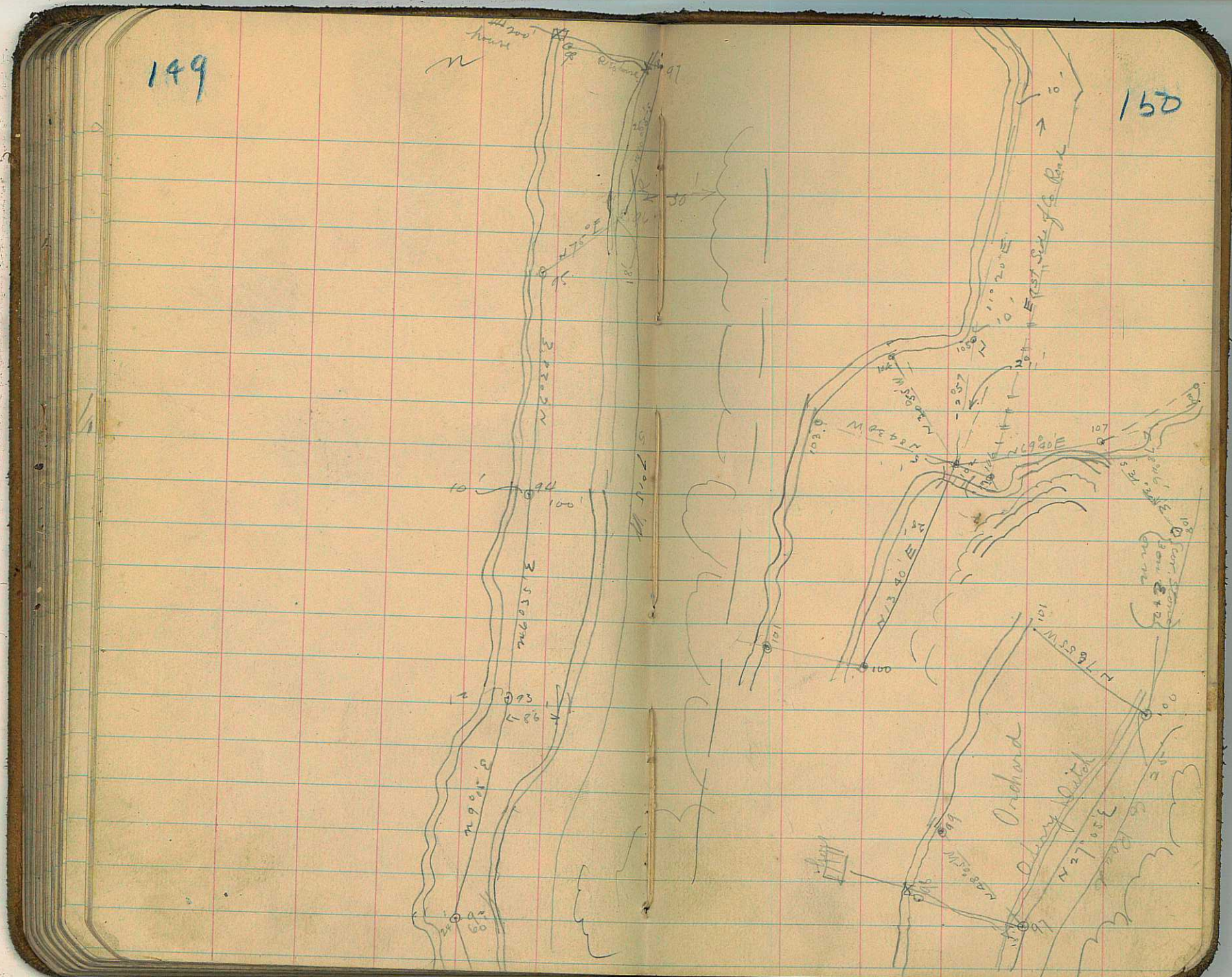
147

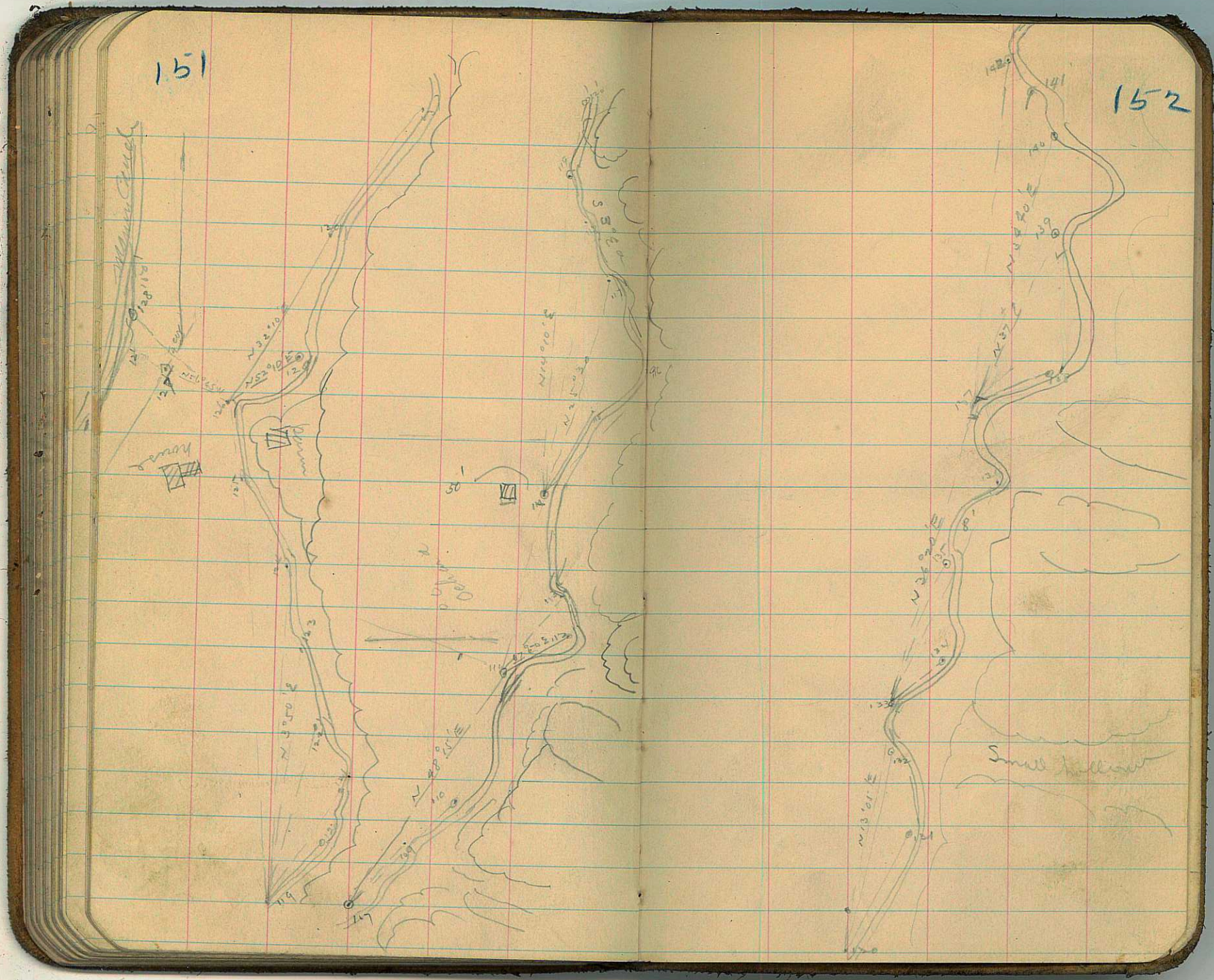
Oct 26/06

3 on E
on 2 on N

148

Dist	No.	Course	Angles ∠	Angles R	Stadia U	Stadia L	Angles +	Angles −	HI	
	87			21'					4.75	reset.
	90	— —	39'		7.175	4.752				
	87									
	91	N 4°30' E	10°34		8.455	4.750		19'	4.91	
	92	N 6° W		15°14'	4.98	2.240		12'	4.92	
	93	N 9°05' E	2°05'		9.243	4.92			4.64	
	94	N 6°35' E	00°09'		9.024	4.64		15'	4.89	
	95	N 6°24' E		68°28	6.953	4.89			3.63	
	96	N 75° E	64°37		4.484	3.63	50'		4.98	
	97	N 10°5' E	17°37'		4.98	2.766	18'		4.67	
	98	N 87°5 W			4.67	3.526		2°		
	97		58°20"							
	99	N 48°05 W			4.67	3.436		2°3'		
	97			16°52'						
	100	N 27°05' E	103.°50		7.037	4.67		22'	4.89	
	101	N 76°55' W			4.89	3.392		1°22'		
	100		13°41'							
	102	N 13°20' E	97°56		4.89	1.518		10'	4.92	
	103	N 84°30' W			4.92	3.668		2°08'		
	102		44°23		~~4.92~~	~~3.960~~				
	104	N 30°55' W			4.92	3.960		2°53'		
	102		2°11'							
	105	N 11°20' E			4.92	3.947		2°57		
	102									
	106	S 81° E			4.92	4.74				
	102			56°00						
	107	N 69°40' E		78°46	7.222	4.92	00	00	4.50	
	108	S 21°30' E			4.50	3.342	9°25			
	107		9°26'							
	109	N 6°15' E			4.50	3.095				


N
97
96
95
94
93
92
100
101
102
103
107
10'
20'
30'
N 22° E
N 35° W
N 90° W
N 27° E
N 73° E
N 13° 40' E
N 39° 55' W
N 88° W
N 9° 40' E
First Sale of Ice Book
Orchard
Quarry Point


151
152
Willow Creek
House
Barn
Spring
Small Willow

153

Sta	No	Course	Angles L	Angles R	Stadia U	Stadia L	Angles +	Angles −	HI
	102								
	107	N69°40'E	8°05						4.50
		N61°30'E							
	110				4.50	2.682			
	107		21°38						
	111	N48°15'E		19°36	4.50	1.704		08'	4.82
	112	N67°50'E			4.82	4.270			
	111			6°05'					
	113	N54°10'E			4.82	4.06			
	111		31°54						
	114	N16°15'E		15°33'	4.82	3.448	00	00	4.72
	115	N31°50'E			4.72	4.15			
	116	N46°20'E		30°27					
	114				4.72	3.66			
	117	N25°20		9°16					
	114				4.72	2.00			
	118	N18°15'E		2°10'					
	114				8.117	4.72			
	119	N14°10'E	1°55						
	120	N27°45'E		13°21	8.697	4.72		07'	4.86
	119				4.86	4.30			
	121	N16°50'E		2°35	~~4.86~~	~~3.89~~			
	119		30°54		4.86	3.89			
	122	N10°15'E			4.86	2.88			
	119		10°20'						
	123	N3°50'E			4.86	2.717			
	119		13°46						
	124	N30°30'E			4.86	2.10			
	119		23°16						
	125	N9°00'W			4.86	1.70			
	119		23°17						
	126	N9°26'W	47°34		6.956	3.00			4.99
	127	N56°45'W			4.99	1.470		10'16	to 1/4 cor.
	126		35°28						
	128	N44°40W			4.99	1.82			

157

155

Dist	No	Course	Angles L	Angles R	Stadia U	Stadia L	Angles +	Angles −	HI
	126		~~61°14'~~	61°14					4.99
	129	N52°10'E			4.99	3.433			
	126			41°10					
	130	N32°0'E		1022'	9.669	4.99		14'	4.96
	131	N 33°40E			4.96	2.918			
	130	N13°40'E	18°30'						
	132				4.96	2.20			
	130		19°01						
	133	N13°05'E	~~39°05'~~	39°05	8.133	4.96		18'	
	134	N52°15'E			4.70	4.13			4.70
	133			24°23'					
	131	N37°30E			4.70	3.672			
	133								
	136	N39°30E		26°31'	8.386	4.70			
	133			23°10					
	137	N36°20'E			10.052	4.70			
	138	N52°40E		16°21	4.68	4.12			4.68
	137			1005'					
	139	N37°30E			4.68	3.01			
	137		1°43'						
	140	N34°40'E			4.68	2.087			
	137	~~N33°28E~~	2°56						
	141				4.68	1.514			
	137		12°16'						
	142	N23°20'E			9.50	4.68			
	137		2°38						
	143	N23°40E			10.733	4.68		18'	4.90

Transferred to Scratch book No 1

156

157

$21\ 16\frac{3}{8}$
$9\ \frac{2}{8}$
$17\ \frac{1}{8}$

120
2
240
5
3 | 305
101
12

25
.50

1.8
.6
10.8.

360
150
108
108
126 | 30
120 20
.26

$\frac{7}{5}$
12
$\frac{72}{8}$
5
420 | 30
120 14

11.5
.43
345
460
4945
88
2964
3952
424.84
91.50
75.00
22.50
5133 | 35
14.
35
163
140
230

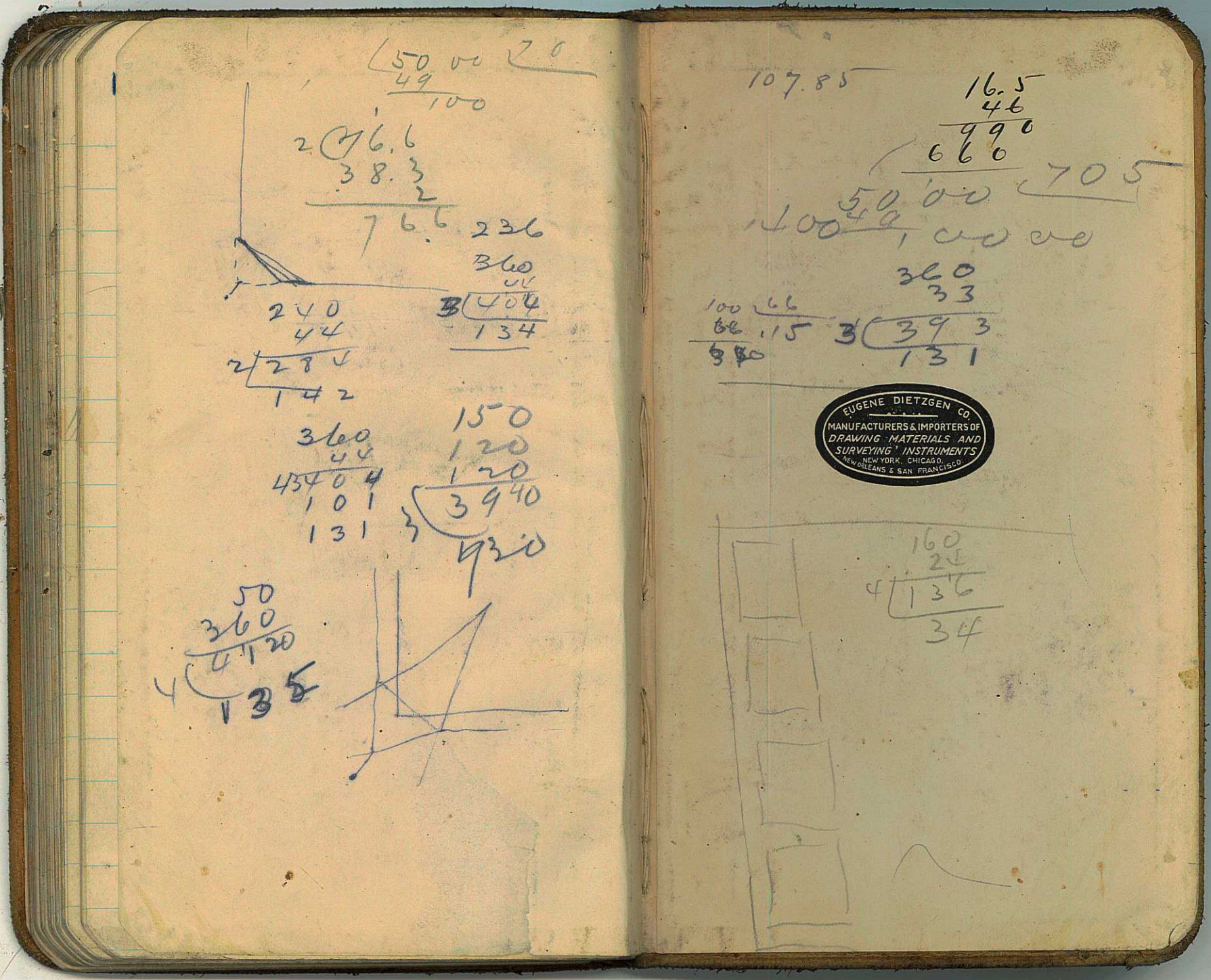
158

72
14
86

72
26
98

5
8
13

1.83
.5
.91.5
915
.75.
.91.
24
364
182
21.8


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