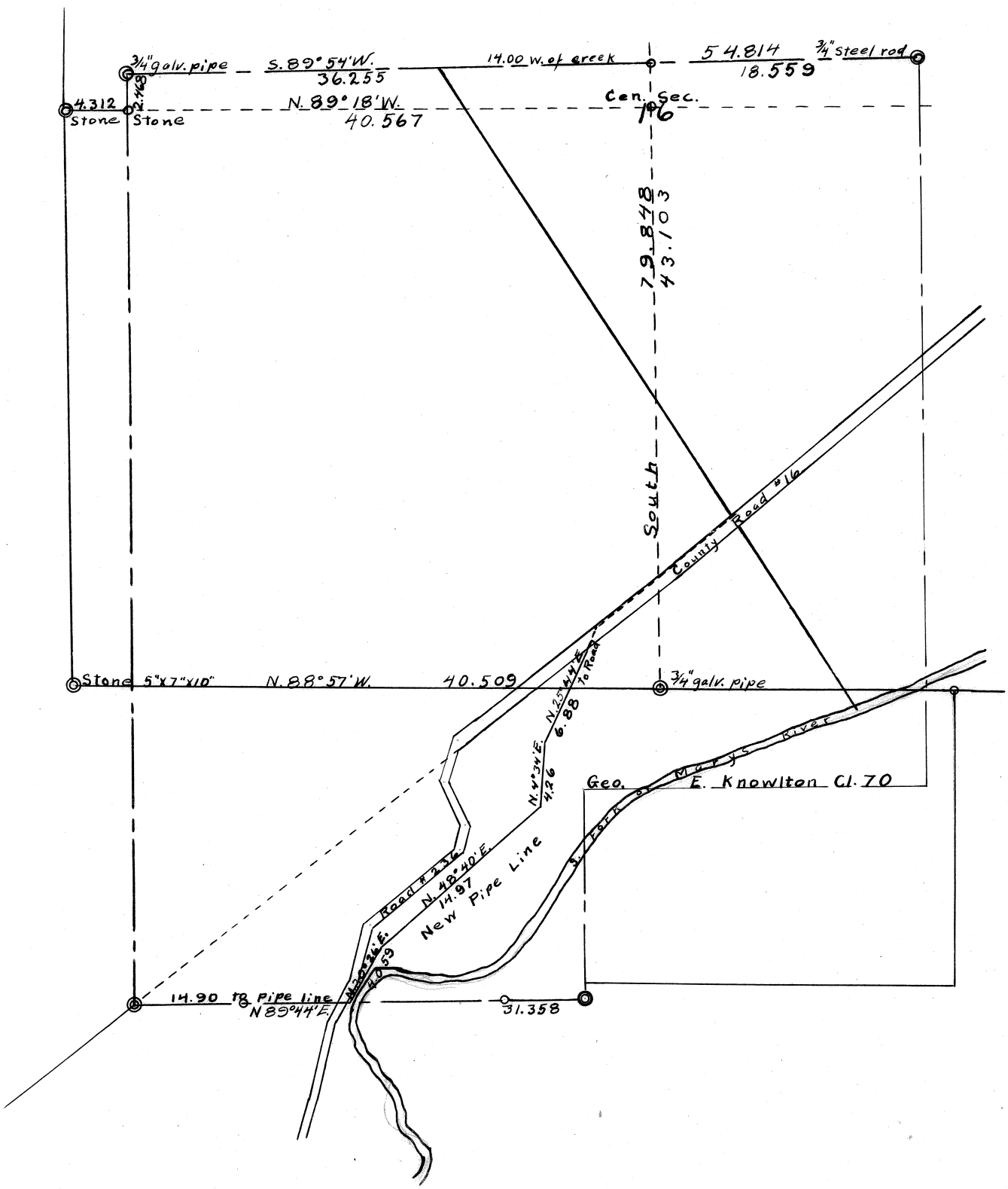
CITY PIPE LINE
ON
A. BAILS' LAND
SECS. 16 & 21, T. 12 S., R. 6 W., W. M.

Scale 1" = 10 chs. W. C. Galloway. C. S.



71 FB #26.

#658

C.S. " C.S. # 278

Beginning near the S.W. cor. of
Thomas J. Blair Cl. #68 T. 12-6

Fir 24" N 28°30' E. 900 chs. Yew stake in ditch.
W. " 15" N 25° W. .41 " std. S.W. fir 4 ins. S .017 E .197
△ 0 ins ∠ R. 5° .198

West correction N 2½'

1 +13°15' 7.158
2 ∠ Right 12' +7°30' 6.154 offset .021 N.
3 ∠ Right 24' +10°30' 8.014
4 + 9°50' 1.398 offset .064 N.
5 -.140
+.008
Rest. .052

Stking N. on cor. .052

N.W. cor. of Cl. 69 J.L. Bounds.
Set Stone 15"x12"x12" & yew stake
Fir 15" S. 0°20' W. 1.172 chs. Scruby tree
" 50" N 81°40' W. 1.960 "

South correction E. 8

6 ∠ Right 38' -5°15' 6.782 1 std E .083 offset .074 W.
7 -8°12' 7.990
8 -9°40' 7.324
9 .394
.136 = +.068 to cor. .118 E. to cor.

N.E. Knowlton Cl. 70 ∠ Left 66°06'

I. pin at corner.

10 Continue South -15°23' 2.689
-14°24' 1.751
11

For R.H. Gellatly

June 4, 1919.

97338 / 7158 / 778704 / 486690 / 97338 / 681366 / 6.867454 04

6.154 / .99144 / 6154 / 396576 / 495720 / 99144 / 594864 / 6.101321 76

6.967 / .197 / 6.770 / 6.101 / 7.880 / 1.377 / 22.128 / .140 / 21.988

.009 N. / .004 S. / .005 N. / .007 N. / .019 N. / 064 / 042 / 022 / 000

.195 / 0278 / 15784 / 138 / 3 / .017 25

offsets .0175. .021 N. / .004 N. / .064 N. / .068 N. / .052 S. / .016 N

.00073 = 2 1/3' / .0140 / 154 / 60

6.754 / 501 / 6754 / 675 / 33 / .07462

.136 / 09668 / 1088 / 81 / 1 / .1178

.136 / 94894 / 544 / 122 / 10 / .0676

offsets .006 E / .074 W. / .068 W. / .118 E. 22.3 / .050 E

7.324 / 06589 / 65916 / 5859 / 344 / 58 / 7.2199

6702 / 583 / 5819

.00224 = 8' / .0500 / 446 / 540 / 446 / 940 / 892 / 480

6.754 / .052 / 6.702 / 7.908 / 7.220 / .394 / .068 / 22.292

L 15°25' -04½' .314

2.689 / 71469 / 242 01 / 1613 / 107 / 2 / 1 / 2.5924

1751 / 95869 / 15759 / 1050 / 140 / 9 / 1 / 1.6958

2.592 / .068 / 2.524 / 1.696 / 4.220

72

	East	-3°25'	7.987	
12		+2°30'	2.484	
13			1.996	
14		-8°20'	2.644	
15	∠Left 3°18'	-9°10'	3.203	offset .182 N.
16	∠Left 8°38'	-7°10'	3.855	offset .574 N.
			+.006	
16/15	Reest.			
	Striking N. by compass		.026	
	Set Stone 12" d.g.			
	Oak 12" N. 2°50 E. 10.38 chs. dist.			
	" 19" S. 66°04'W. 4.887 "			
	B.W. oak stump S. 76°50' W. 6.21			
	Back to △ 9.			
	West correction 6's.			
17			1.606	
18		-13°	2.850	
19		+3°50	4.795	
20		-8°30'	.751	
21	∠Right 26°	-17°/4	5.050	offset .536 N.
22		-14°28'	3.090	
			+.711	
	stick		+5.135	W.72 Com. cor.
Set				
Fir 10" S. 32° W. .074				chs.
W " 6" N 46° W. .022				"
23		+6°20'	2.644	
24			.599	

N 2°50' E.
S 76°25' W

95630
13
28689
8563

.12431 S
offsets
4.220 S.
.182 N.
4.038 S.
.574 N.
3.464 S.
.02 S.
3.490 S.

7.972
.118
7.854
2.004
1.996
2.616
3.156
3.782
2
21.892

1.606
2.777
4.787
.743
4.823
2.992
2.62
.577
21.074

17.848
.711
18.559

21.074
3.226
17.848
21.074
39.770

1.115

2.776 8.742 75 402

2.850
7.347 79
2.565 50
1.995
.117

9.890 2
1.945 707
.923 14

.036 461

5.135
.074
.022
.599

81.018

73

25		+6°10'	4.254	
26	∠Left 50'	+17°	5.550	offset .077 S.
27		+2°15'	5.373	
28	offset	South	.304	
		+5°20'	8.003	
29		+13°40'	1.848	
30		+22°58'	1.842	
31		+9°20'	3.690	
32		+7°	2.850	
33		+12°10'	.467	
34			+.457	

Reest.
Geo. E. Knowlton Cl. #10
Striking South of cor. .184
Set 3/4" galv. pipe Orig. cor.
Fix 13" S. 55°E. .260 cks.
" 11" S 75° W. .142 "
Maple 18" N 70° E. 2.75 down Oak 12 N 85° W. 3.24 dead.
South

35		+21°46'	2.382	
			+.072	
	West correction N 42'			
36	∠ Right 2°10'	+4°	1.498	offset .057 N.
37		-5°5'	1.007	
38		-14°30'	1.927	
			-.049	
	Striking N. of cor.		.077	

.9563 555 47815 47810 47815 5.307 45 541 5307 2122 265 .07694 2637 24769 2548 1699 198 11 2.7396 .97754 457 684274 489770 391016 .446735 78 2.382 07829 21438 474 190 16 2.2120 1.496 1877 4488 1047 119 .05655

1848 96179 16632 1293 18 10 1 1.7954 3690 67689 33210 2952 22 25 2 3.410 2828 7

offsets 54.8
.068 N.
.036 N.
.104 N.
.077 S.
.027 N.
.304 S.
.277 S.
.184 N.
.093 S.
1927 51469 17343 1156 154 1 1.8654 81.02

offsets for cen. Sec. line
3.490 N.
.093 S.
3.397 N.
2.416 S.
.981 N.

1842 37029 16578 368 12 1.6958 2.850 55299 25650 2565 57 14 1 81.018 21.892 54.814 4.312

.00170 = 6'
.0930
348
3820
3836
.01211 = 42'
.9810
81.02
17080
16204
8760
8102
6580
4.312
1121
4312
862
43
4
.05221

21.074 4.230 5307 5.369 7.968 1.795 1.096 3.641 2.829 53.909 .448 .457 54.814

.184 2.212 .020 2.416 .052 2.468 1.494 1.002 1.865 4.361 .049 4.312

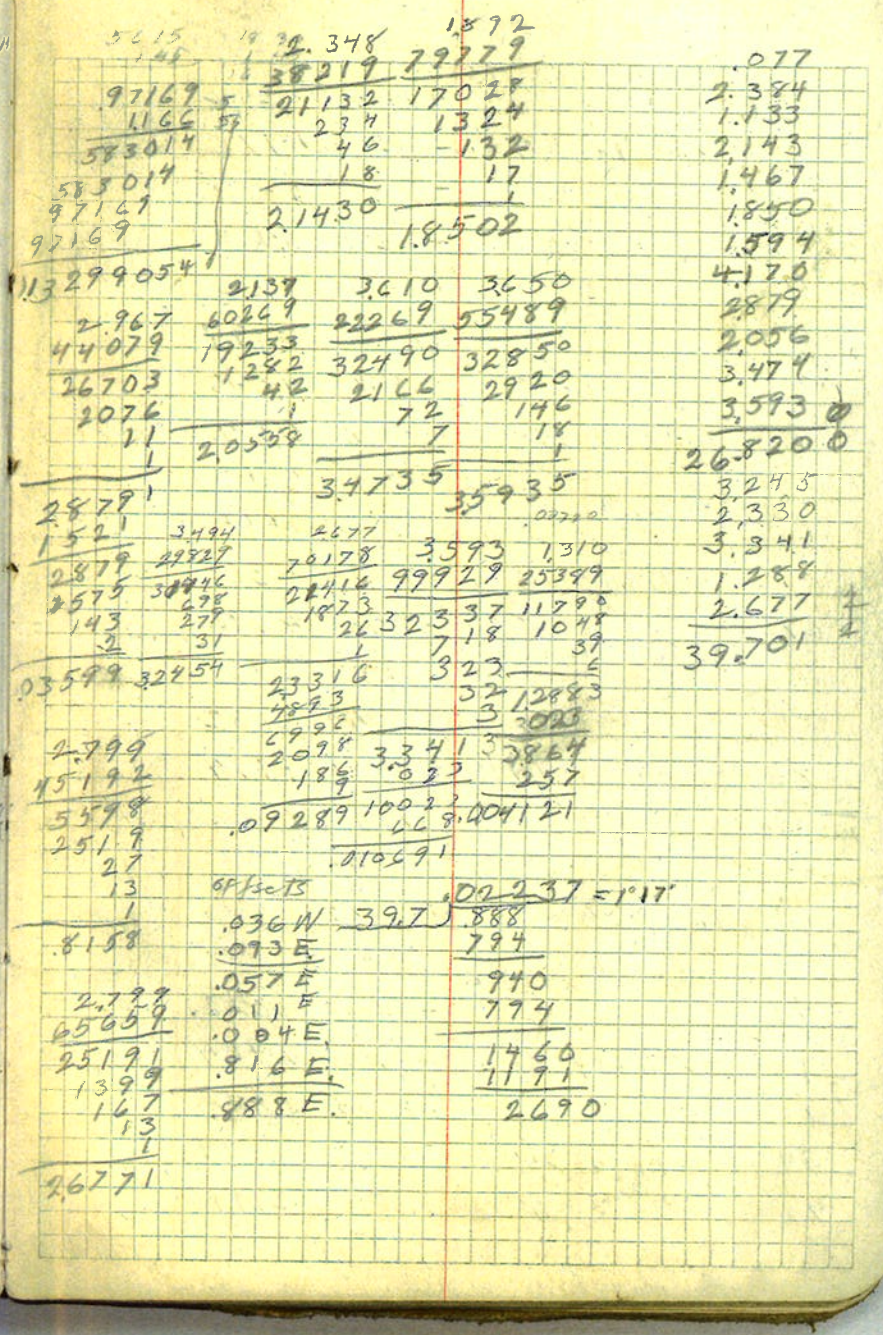
74

17/16 Reest. Set stone 6"x7"x8" under stone 4"x5"x11"

Crooked	Fir 10"	N 56°15' E.	.318	cds.
	Oak 10"	N 43°45' W.	.47	" std.
	" 40"	S. 16°45' E.	.67	" " dead
39	Set back	East	.049	
		North correction E. 1°37'		
40		-5°13'	2.394	
41		-13°40'	1.166	
42		-24°6'	2.348	
43		-2°45'	1.469	
44		-12°3'	1.892	
45		-2°15'	1.595	
46		-6°20'	4.196	
47	∠ Left 43'	-13°58'	2.967	offset .036 W.
48		-15°50'	2.137	
49		-15°18'	3.610	
50		-10°5'	3.650	
51		+21°44'	3.494	
52	∠ Right 2°17'	+29°25'	2.677	offset .093 E.
53	∠ Right 11'	+21°34'	3.593	offset .011 E.
54		+10°25'	1.310	offset .004 E.
55	Reest. ∠ Right 16°57'	43°50'	2.805	offset .816 E.

Set stone 12"x12"x15"

8/9	Oak 15"	N 1°15' E.	1.26	std. dead.
17/16	Maple 18"	N 4°30' E.	.592	cds.
	Fir 32"	S. 60°30' E.	.214	"
	Oak 5"	S. 34°40' W.	.194	"
	" 6"	S. 61° W.	1.38	" "
	Fir 50"	N. 77°30' W.	1.05	" std.



75

		East correction S. 43'			
56			+21°20'	.652	offset
57	∠ Left	53'	- 2°	1.470	.022 N.
58			-9°35'	1.902	
59			-12°	6.185	-15 creek & 3 lks.
60			+14°34'	3.744	
61			+6°33'	2.095	
62			+1°30'	1.798	
63	∠ Left	12'	-5°20'	4.496	offset .017 N.
64			-3°30'	2.724	
65			-8°30'	1.555	
66	∠ Right	13'	-18°27'	4.365	offset .015 S.
67			-3°40'	4.267	about .60 Intake cr. 3 lks.
68			+22°25'	2.751	
69			+9°40'	1.432	
To cor 7 Post. 9/16 Set	∠ Right	26°12'	-1°10'	1.174	offset .518 S.
	3"x4"x30" Oak		stake	both oaks	std. 4 each
	Fir 14" N	2° E.		.144	cks.
	" 11" S	66° E.		.137	"
		South correct. on E. 6'			
71	∠ Right	23'	- 8°40'	4.022	offset .027 W.
72	∠ Left	~~22'~~ 38' USCS	-11°45'	2.464	offset .027 E.
73			-13°25'	6.216	
74	∠ Right	24'	-15°24'	4.844	offset .033 W.
75	∠ "	39'	+4° 5'	2.995	offset .034 W.

93148 .652 186296 46574 55887 60732494

1.469 2451 1469 734 18 12 .02223

6185 5.879 55665 4329 494 6 3 6.0497

.607 1.469 1.875 6.050 3.623 2.080 1.797 4.476 2.719 1.536 4.159 4259 2.543 1.412 1.053 39.658

3.744 1776 33696 2246 262 20 3.6230

2.095 4476 943 14428 1790 402 .01662 0

1.555 41889 13995 1244 124 1 1.5364

4.365 04849 39285 1846 429 26 4.1586

7909 3.954 3.976 2.751 44429 24750 5510 110 11 1 23855 23855 357 .026598 1174 15444 4696 469 11 1.5

1.432 08589 12888 1145 71 11 1.4115

offsets .022 N. .017 N. .039 N. .015 S. .022 N. .518 S. .494 S.

3.976 2.412 6.046 4.670 2.987 20.091 19.857 .234

1174 62798 9392 1056 82 2 1.053 2 .5181

2987 4311 2987 898 99 11 .03395

2.464 50922 22176 1724 221 1 24122 5011 2412 241 12 6.0462

6.216 17229 55944 4351 124 43 4.670 896 3802 420 373 .03259

4.844 01469 43596 2906 197 4 3.033

offsets .027 W. .027 E. .033 W. .034 W. .067 W. .116 E. .049 E. .005 E. .058 E. .060 W. .002 W. .114 E.

39.66 4940 3966 9940 7932 18040 15864 22160 .00133=6'

.01245=43

7285 .14600 7285 66150 63880 2270

.02605

76

	Set	Yew stake		−.234
				+ E. 104
	W. Fir 12" S 13°30' E .191			ok.
	Maple 14" S. 69° W. .223			"
				1.643
76				
78	∠ Left	1°35½	− 2°5'	4.210
79				1.581
80			−10°20'	3.175
81			−21°30'	3.054
82	∠ Left	10°	− 8°30'	3.160
				+.135 to cl. line
	Striking N. of △ 22, .720			+ E.009
Continue	South	correction E.6'		
83	∠ Right	1°6'	+1°55'	3.112
84			+10°25'	3254
85			+ 29°48'	1.132
86			+13°49'	6.807
87				.913
			− 8°	7.676
88			−6°	3.876
			−9°15'	3.037
89			−9°35'	7.160
90			−5°55'	6748
				+.198
				& E..148

offset .116 E.

offset .009 E. cl. line

offset .060 W.

+.067 offset line 1, E.110

E. 135 Stake in road

16 Reset.
21 Set ¾" x 32" galv. pipe
O.K 24" N 89°50' E. 5.146 "
" 12" N 42°53' W. 5.179 "
N edge of chimney on house S. 62°18' W.

5°10 5.193

4.207 / 3472 / 9414 / 2944 / 252 / 12 / 0.116 22

3.110 / 0291 / 3116 / 2799 / 42 / 0.009 31

Cl. Line S 89°54' W.

3.175 / 87389 / 28575 / 25240 / 95 / 21 / 2 / 3.1233

3.054 / 14039 / 27486 / 916 / 12 / 2.8414

3.160 / 20989 / 28440 / 2528 / 284 / 3.1252 / 192 / 6250 / 2812 / 31 / 0.009093

3.125 / .135 / 3.260 / 36.610 / 135 / 36.745

3.254 / 1.132 / 25349 / 7768 / 29286 / 9056 / 2603 / 679 / 97 / 79 / 16 / 7 / 3.2002 / 1.628

6.807 / 60179 / 61263 / 47679 / 68 / 3 / 6.098

7.676 / 72099 / 69084 / 6908 / 15 / 5 / 7.6012

20.091 / 1.643 / 4.206 / 1.581 / 3.123 / 2.841 / 3.125 / 36.610 / 3.110 / 3.200 / .982 / 6.610 / 7.601 / .913 / 59.026 / 3.855 / 2.997 / 7.060 / 6.712 / 79.650 / .198 / 79.848

S. 30°53' E. 3.037 / 00752 / 27333 / 2429 / 212 / 2.9974

7.160 / 40689 / 64440 / 5728 / 429 / 2 / 7.0599

6.748 / 76499 / 60732 / 6073 / 269 / 40 / 4 / 6.7118

5.193 / 21 / 5.172 / 3.750 / 9.044 / .148 / 8.896 / 3.750 / 5.146

East
correction S. 57°

91			1.380	offset .028 S.
92	∠ Right 12'	- 4°	8.043	
93			8.291	
94		+6°10'	2.492	+.229 +5.508 Fir 10" S. 62° E. .041 offset
95	∠ Left 23'	+7°	2.104	.014 S.
96		+5°20'	5.191	
97		+4°40'	8.582	
98		+10°35'	4.173	+.573 = striking N. 83° N0°08' W. to ¼ cor.
To cor 99	West. ∠ Right +55°27'	+17°38'	1.060	
16/15 21/22	Set Stone 9"x12"x14"			Measurements from oaks correct. All down bags, nearly fully
	Fir 11" N 9° E .461 ch.			
	" 12" S. 22° E .036			"
	" 32" S. 31° W. .104			"
	Oak 4" N 49¾° W. .283			"
	Back to △ 90			
100	West correction N 57°	+3°20'	2.221	
		2°30'	8.000	
101		4°30'	6.693	
102			9.098	
103		-5°40'	3.194	
104	∠ Left 32'	+10°	4.787	offset .044 S. offset .009 S.
105	∠ Left 5'	+10°	6.580	
			+.014	
	Striking S. of cor.		.530	

8.043 / 9 43 / 24 129 / 32 11 / 7 43 / .02806 / .95301 / 1.06 / 571806 / 95301 / 1.01019 06

2.088 / 966 / 12 528 / 1 252 / 167 / .13967 / .56713 / 401 / 56713 / 56713 / .5728 013

4.173 / 99289 / 37557 / 3338 / 83 / 37 / 3 / 4.1018 / .87365 / 1.01 / 87365 / 82363 / 493 63 / .83184 63

20.173 / .148 / 20.025 / 20.254 / 20.025 / .229

1380 / 8.024 / 8.291 / 2.478 / 2.088 / 5.168 / 8.553 / 4.102 / 40.084 / .573 / 40.657 / 2.217 / 7.992 / 6.668 / 9.098 / 3.178 / 4.714 / 6.480 / .014

4787 / 18489 / 43083 / 3829 / 191 / 38 / 4.7141 / 1398 / 42426 / 1414 / 47 / 1.09548 87

6580 / 18489 / 59220 / 5264 / 243 / 32 / 6.4799 / 541 / 6480 / 2592 / 324 / .009396

40.657 / 40.509 / .148

2 | 81.018 / 2 | 40.509 / 20.254

.01667 = 57'

offsets / 90 to E. / .530 S. / .009 N. / .521 S. / .044 N. / .477 S. / .028 S. / .014 S. / .832 S. / 4.1.351 S. / 2 | 6.755 / .338 / 1.013

81.02 / .675 / .477 / .198 S. / .1013 / 505 / .508 / .198 / .338 / .536 / .028 / 508

1.3510 / 8102 / 54080 / 48612 / 54680 / 48612 / 6068

78

Used as transit line S.0°06'W.

Back to △ 75

S 89° 20 E. .002 S. of cor.

106	∠ Right 17' (correction N 18°+)	+15°40'	2.623	offset .013 S.
107		+10°30'	4.561	
108		+22°12'	3.061	
109		+14°30'	3.726	
110	∠ Right 4°35'	+6°40'	1.471	offset .117 S.
111			1.300	
112		-12°30'	2.394	
			+.082	

Striking N. of △ 6 .883 N 89-21 W.

Set oak stake N. .231

Fir 7" S. 12°30' E. .050 cks.

Oak 10" S. 31°30' W. .844 "

Back to ⊙

N 2° 37' W. (correction E 19')

113	∠ Left 3°39'+		2.266	offset .144 W.
114	(N 2° 18' W.)		2.684	
115		+23°4'	3.127	
116		+15°56'	2.015	
117		+6°45'	1.257	
Sec. cor. 118	∠ Right 29'.	+2°30'	3.340	offset .028 E.

2.623 4.561 3.061 3.726

0449 5238 7852 5786

4107 4484 3353

2360 3648 2753 2235

1573 136 612 298

104 9 153 3

10 2 24 1

2 2

2.529 4484 2.834 3.607 36071

494 +461 2.834 offs

1014 2,394 1.461

276 .082 1997

126 24546 10227

01251 8 16775 1314

153 131

7 1

offsets 2,33381 .11673

.002 S. 6.702

.013 S. .883

.117 S. 5.819

.132 S. .231

.092 5588

.224 go N.

.007 put on to divide difference

.231 N .00534 = 18'+

.132 18.526 .097000

.099 92636

63700

N 6°16' W. 55578

272 41220

539 .197 .197 2015

2257 .144 85169

2266 7588 .053 18135

6636 798 1209

18596 11 20

1679 8777 10

130 3127 1

13 50029

28143

.14423 225 1

1 7,937.5

3.337 2.877 14.32 .00566 = 19'

448 offsets .08100

2669 .197 E. 7160

1334 .144 W. 9400

133 .053 E. 8592

.028163 .028 E. 8080

.081 E.

2.529

.104

2.425

4.484

2.834

3.607

1.456

1.300

2.338

.082

18.526

2.261

.026

2.235

2.684

2.877

1.938

1.248

3.337

14.319

79 For Road

Use Cen. of sec. line as South

From △ 81				
△ 82	S. 0° 27' E.	- 9°40'	1.324	To △ on line
	~~S. 45° 20' E.~~ S. 44° 03' E.		3.181	= 7.106
	~~S. 43° E.~~		3.926	
	S. 48°49' E.		2.273	
	S. 56°46' E	+1°30	3.408	
	S. 74°36' E.	+2°	2.326	
	S. 85° E.	+1°40'	6.595	
	N 79°31' E.		4.290	
	S. 50° 30' E.	-7°10'	7.690	

Road on N. of Robert Gellatly's.

Beg. at △ O C.S. # 278

	West	+11°30'	1.356	.017 S. of line
	S. 7° 12' W.		.691	
	S. 32°43' E.		1.181	
	N 46° 50' E.	- 5°	2.531	= 2.524 - 321 =
	East	-8°30'	3.637	
	S. 89° 20' E.	- 7°	3.298	
	S. 73° 48' E.	-2°40'	3.648	
	S 75° 50' E	-3°	2.958	
	S. 84° E.	-3°40'	4.689	

1.324
.08589
11916
1059
66
10
1.3051

.99419
7.69
894771
596514
694533
7.6299411

1356
.99979
12204
949
122
12
1.3547

2205

3.637
.20989
32733
2909
327
3.59679
964
21582
2158
323
.027063 N.
.016 S.
.008 N.

3.298
.53299
29682
2968
66
16
1
3.27332
394
13092
2745
163
.016200

3.260
1.305
1.955

3181
3926
7.102

1.329
.177
1.152

Beg. 413 W. of cor.
Thence S. 7° 12' W. .708

.233
3.597
3.273
.808
7.911

3.644
.839
2.805