Field Book # 38

12

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FB 38

FIELD BOOK

No. 403

Book #12

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Survey of B.B. Haines Ranch 1-18
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" in Terrace Pk Add. for T. Cobb 43

1

Declination Setting

Wednesday, July 15, 14

Latitude = 43° 15' 25"

Co " = 46° 44' 35"

21° 37' 58.4		
3' 04.64		
21° 34' 53.76	– 12 M	
23.08		
21° 34' 30.68	1PM	
23.08		
21° 34' 07.60	2PM	
23.08		
21° 33' 44.52	3PM	
23.08		
21° 33' 21.44	4PM	
23.08		
21° 32' 58.36	5PM	

Town. Line bet 76 + 72 9001
Haines-Survey.

Var 20°30E

+24" = 21°35' 17.76"

+24" = 21°34' 54.68"

+28" = 21°34' 35.60"

+36" = 21°34' 20.52"

+56" = 21°34' 11.44"

+1'19" = 21°34' 17.36"

S 80°58'W solar
S 80°59'W direct

Vert ∠ 40°40'
S 81°46'W
S 81°45'W 4 PM

Vert ∠ 38°40½
S 83°5½'W

2 2722.5

Sta.	Dist.	ΔL	ΔR	C.C.	MC
49+26.9		2°40'			
	93.6			N87°42W	N89°W
48+32.3			4°02'		
	159.6			S88°16W	
46+73.7		1°44'			
	217.0			West	
44+56.7					
	66.6				
43+90.1					
	208.7				
41+81.4					
	99.3				
40+82.1					
	543.4				
35+38.7					
	898.7				
26+40.0					
	4334				
22+06.6					
	1695.1				
5+11.5					
	511.5			West	
0+00		98°59'			
				N18°59E	N9°E

West on S bdry. 26-40.0
" N " 27-4 Fleser 2 Christies
July 16, 14

30+27.4

26+40
N54°13E 30.9
35°47' - 0
1/4 Cor bet 1/36
3" oak post

8" oak stake Town Cor 26+27-4
26+27-7

Random S. bdry - 26-40
N " - 27-4
South bet 1 & 2 July 17, '14

Sta	Dist.	ΔL	ΔR	C.C.	MC.
20+02.7					
	384.2				
16+18.5					
	231.9				
13+86.6					
	204.5			S0°09W	
11+82.1			0°09'		
	145.0			South	
10+37.1					
	322.1				
7+15.0					
	223.0				
4+92.0					
	230.0				
2+62.0					
	102.4				
1+59.6					
	148.4				
0+11.2					
	11.2			South	
53+07.6W=0+00		S 90°			
	143.1			West	
51+64.5		C	0°22'		
	7.37L			S89°38W	S89½W

0+11.2
0 Cor to Secs 1, 2, 35, 36
4"x6" fir
8" fir S 5.5 7.8
10" " NW 23.0
18" laurel

4

South bet Secs 1 & 12 of

July 18, '14

Sta	Dist.	ΔL	ΔR	C.C.	M.C.
3					
54+06.8 = Cor		Secs. 1, 2, 11, 12			
	98.3			S24°28E	S24¾°E
53+08.5		24°28'			
	736.6			South	
45+71.9					
	351.2			South	
42+20.7		0°08'			
	437.6			90°08W	
37+83.1			0°08'		
	787.0			South	
29+96.1					
	225.2			South	
27+70.9			0°34'		
	111.7			S0°34E	S¾°E
26+59.2		0°34'			
	105.8			South	
25+53.4		1°15'			
	102.9			S1°15W	S1°15W
24+50.5			0°32'		
	224.5			S0°43W	
21+26.0			0°34'		
	3.3			S0°09W	

laurel stump and D. oak logs found. No trees standing. 3" oak stake

1/4 Cor. gone

South from Town. Line 05
to N.W. Cor. 21.39

July 19, '14

5

Sta	Dist.	AL	AR	CC.	MC.

South from N.W. Cor. of Smith's Tract.

July 19, '14

Sta.	Dist.	∠L	∠R	C.C.	M.C.
13+42.0					
	189.3			South	
11+52.7			0°23'		
	333.5			50°23E	
8+19.2		0°23'			
	98.0			South	
7+21.2					
	176.7				
5+44.5					
	145.5			South	
3+99.0					
	249.8				
1+49.2					
	147.2				
0+02.0					
	2.0			South	
0+00					

(1342.0) S
833.7 E

2.2E

4" oak stake
10" Tir ~~S E~~ S 1/2 E

38+61.1 on random Town line

random N.W. Cor. Smith

7

East from a random NW Cor. of Smith

July 20, '14

Sta	Dist	ΔL	ΔR	CC	M.C.

8

South on random West bdry. C1.39-27-4

July 20 '14
" 21 '14

Sta	Dist	ΔL	ΔR	C.C	M.C.
25+83.2					
	238.8				
23+44.4					
	81.0				
22+63.4					
	102.6			South	
21+60.8		0°22½			
	114.8			50°22½W	
20+46.0		0°29½			
	345.4			50°52W	S1°W
17+00.6			2°00'		
	290.3			S1°08E	
14+10.3		1°08			
	295.5			South	
11+14.8					
	234.0				
8+80.8					
	219.3				
6+61.5					
	434.2				
2+27.3					
	227.3			South	
0+00			90°		
				East	

5.2W

5.7E

Sta 8+10.6 E from a NW Cor Sm Mtn

9

South on random West bdry
C1.39

July 26 '14

Sta	Dist.	ΔL	ΔR	C.C.	M.C
67+20.9	= SVY Cor C1.39-27-9				
	163.9			S44°34W	S45°W
65+57.5			45°30'		
	521.4			S0°56E	
60+36.1			1°01		
	150.5			S1°57E	
58+85.6		1°57			
	211.0			South	
56+74.6					
	148.9				
55+25.7					
	680.5				
48+45.2					
	369.7				
44+75.5					
	42.1				
44+33.4					
	93.6				
43+39.8					
	756.6			South	

N27°56'E to Town Cor

¼ Cor'ner N48°17E 43+39.8
0 477.5 4817

29+640 E×W ~~825+83.2~~ fence

10

Easton random N. bdry. 010
Cl. 40 - 27 - A
July 22, '14
West line of Chapman

Sta.	Dist.	ΔL	ΔR	CC	M.C.
				N64°05E	= N64°10E
19+35.2 / 19+20.0	E County Road		63°24'	N0°41E	N0°40E
	1632.5				
3+02.7			0°06'		
	302.7			N0°35E	N0°30E
26+04.7	-0+00N	88°16'			
	686.2			N88°51E	N88°51E
19+18.5		0°22½			
	585.3			N89°13½E	N89°10E
13+33.2		0°46½			
	938.2			East	N89°24E
3+95.0			1°35		
	137.7			N88°25E	N88°34E
21+57.3			0°15'		
	257.3			N88°10E	N88°E
0+00		91°50'			
				South	

3' W of fence

offset 9' West of Chapman's fence
10' S to fence

1 MP 13+35.7
0.5 N

2' N to SE Δ Cor. Cl. 39
bearing old fence
N 89°50E
USE N 89°53E

Sta 29+68.0 on random W bdry Cl. 39
13' W to fence Cor
39

11

South on E bdry Cl. 9 ±
to County Road
Haines July 22, '14.

Sta	Dist	ΔL	ΔR	C.C	M.C	
int with W line of Chapman at Sta						19+20.0N
	644.0			S64°10W	S64°10W	
15 +6.5			64°10'			pt on ℄ County Road 36' W to Chapman's fence
	517.4			South		
10 +48.3			0°07'			
	385.3			S0°07E		
C +63.0		0°07'				
	1649			South		
4+98.1						
	4981			South		
0+00			19°53½			N.E Cor. C1.38
	548.8			S19°53½E	S19°E	
N.E Cor. 127-4			151°07½			
				N8°59E		

12

East on S. bdry 26-3
N " 27-3

July 23 '14.

Sta.	Dist.	Δ L	Δ R	C-C.	M.C
3" cedar stake 1/4 Cor bel 31+6					
	79.3			S68°31'E	S68°15'E
25 Δ +77.2			21°29		
	258.6				
23 +18.6					
	1159			East	
22 +02.7					
	3653			East	
18 Δ +37.4			1°10'		
	169.2			N88°50E	N88°30E
16 Δ +68.2		1°10'			
	146.7			East	
15 +21.5					
	285.5				
12 +36.0					
	152.6				
10+83.4					
	1083.4			East	
0+00			81°01'		
				N8°59E	

18+59.2 E
46.2

255 St to N line Co. Road

S45°48E
545 - 34.5
418+37.4

301.1
134.8
436.3

S.E. Δ Cor C.1.37
38, 48, 98,
3" cedar post
0 18 blackoak
S45°W - 4.0
18 W. Oak 73

14+50 fence

3+40 Branch Course NW

Town. Cor. Cor Secs. 1, 6, 31, 36

South from Town Line
to S.E. Cor. C1.37

Sta	Dist.	ΔL	ΔR	C.C.	M.C.

15

Interior Corners for Smith

Sta	Dist.	∆ ∠	∆ R	℄	M.C.
Cor. Smith 4"x4" cedar					
	400.0			North	
Cor. Smith 3"x6" oak stake		90°33			
	370.0			S89°27E	
Town Cor.					
				N8°57E	

16

County Road Traverse thru 0016
Haines 40' Road
July 23, '14.

Sta.	Dist.	ΔL	ΔR	C-C.	M.C.
13+33.2					
	26.4			~~N89°16E~~ S89°44W	~~189°32~~
int with random N bdry. Cl. 40 at 13+59.6		129°2L			
	172.0			S38°42W	S38°W
Δ6			34°20'		
	266.3			S4°22W	S4°20W
Δ5			0°11'		
	446.3			S4°11W	S4°NW
Δ4		8°21			
	455.8			S12°32W	S12°41W
Δ3			7°52'		
	296.5			S4°40W	
Δ2		83°05			
	275.0			S87°45W	S87°W
Δ1			23°35'		
	789.8			S64°10W	
0+00					
				S64°0W	

int. of ℄ & Chapmans W. line

17 7-F 21

West bet Secs. 1 & 12 0017
S87°54E - 2582.6
Aug 6, '14

Sta.	Dist.	ΔL	ΔR	C.C.	M.C.
					N22°38W
				N22°33W =	
Sec. Cor.	1, 2, 11, 12		32°44'		
	115.5			N57°17W	
25+07.8			32°03'		
	164.8			N89°20W	
23+43.0			0°25		
	290.5			N89°45W	
20+52.5			0°15'		
	205.3				
18+47.2					
	132.7				
17+14.5					
	843				
16+30.2					
	1564.1				
0+66.1					
	66.1			West	
0+00		136°11'			
				N48°17E	

1.9

1.3N

¼ Cor. bet 1/12

18 Blakeley fence N0°24'W
1076.2
S.W. Cor. Smith
3" cedar post
6" fir S19°E - 20.9'
6" " S42½°W - 12.5'

2-4 Cor. from N.W. Cor.
3" cedar post
8" fir N33°E - 15.2
8" " S57°E - 26.2

1 Δ Cor. from N.W. Cor.
3" cedar post
6" fir S70°W 9.4'
18" laurel S48¾°E 24.6'
N.W. Cor. on Town. Line
5" oak post
10" fir S21½°W - 9.0'
10" fir S42°E 4.5
10" fir N7½°E 20.4

Δ Cor. on Sbdy. Cl. 37
3' cedar post
10" fir N6½°W 17.4
48" B. oak S71¼°W 24.7

Reference Points

3845 to fence

19 From ℄ Oak South on ℄ Stephens

108.7	W	old p. line	
148.8	W	" " "	
191.0	W	" " "	
271.2	W	" " "	

from ℄ Oak South along ℄ Alley

108.0	E	old prop. line	
148.5	E	" "	"
193.0	E	" "	"
271.0	E	" "	"

Survey for Perkins Post Office Site

0019

Oak St

tack

283.90

90°13' 139.05

90°15'

15.76

55 m.

Pine St

S 0°13' W

381.85

380.65

380.12

Stephens St

PIPE

PIPE

60

79'

79

60

N 89°47' E

17.5

90°16'

18.2

4'

36'

90°16'

18.2

89°44'

284.04

142.22

Cass

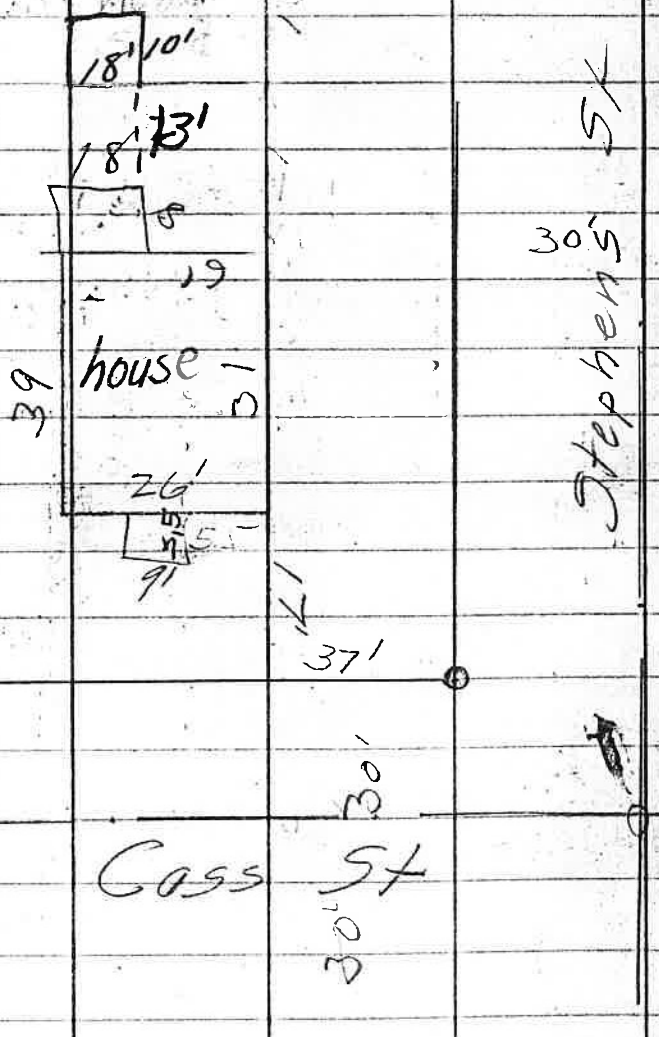
55 m.

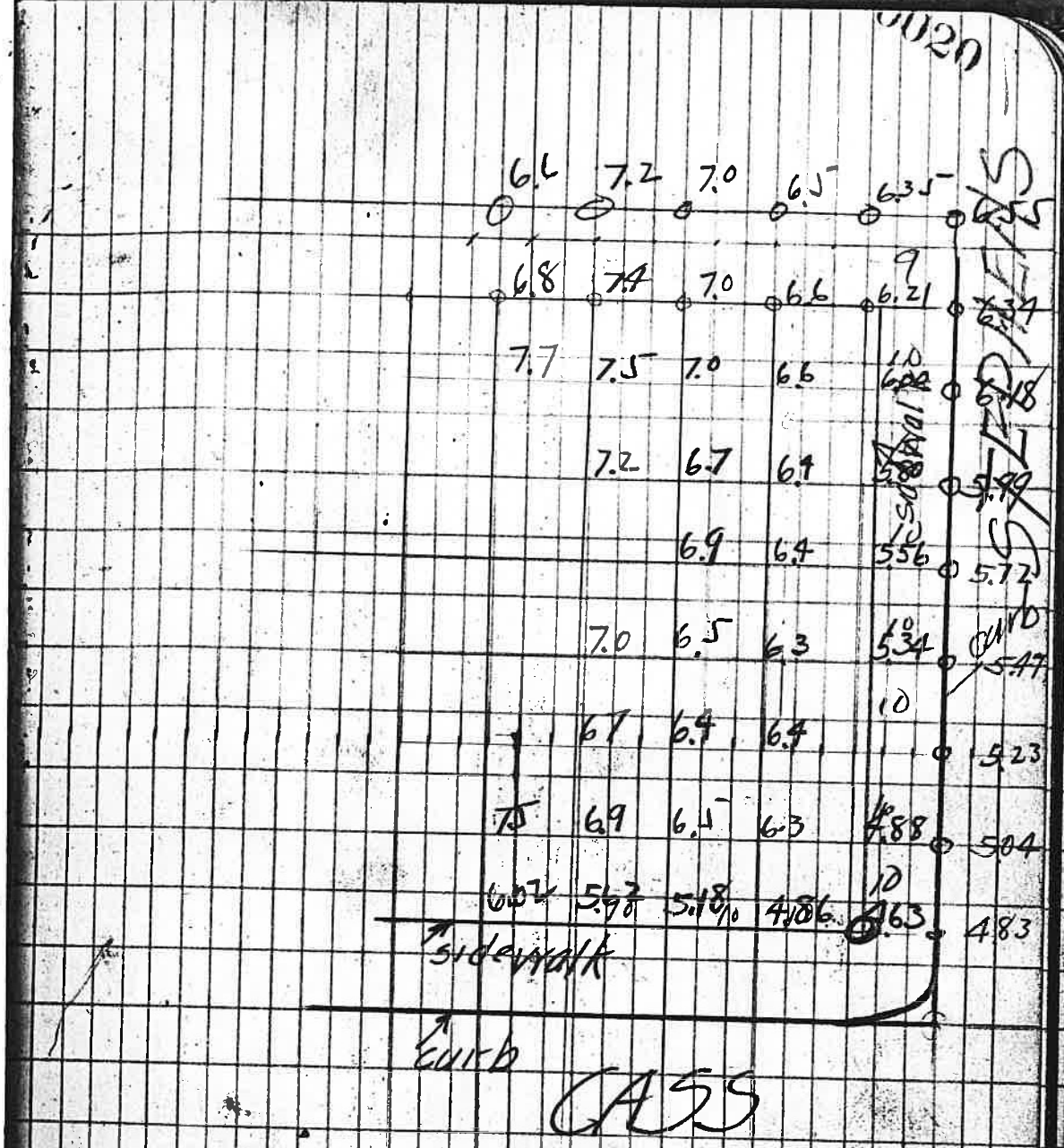
55 m.

P

20

Sta	+S	H.I.	-S	Elev	
BM.	4.77	481.36		476.59	




6.6
7.2
7.0
6.5
6.35
6.55
6.8
7.4
7.0
6.6
6.21
6.34
7.7
7.5
7.0
6.6
6.02
6.18
7.2
6.7
6.4
5.88
5.99
6.9
6.4
5.56
5.72
7.0
6.5
6.3
5.34
5.47
6.7
6.4
6.4
5.23
7.5
6.9
6.5
6.3
4.88
5.04
6.07
5.70
5.48
4.86
4.63
4.83
Sidewalk
Curb
GAS

21 Elevs. for Subgrade of Basement

Sta	Ground	Grade	Cut	
NE. Cor	75.85 5.51	467.35	8.50	C 8'6"
BE. "	76.73 4.63	467.35	9.38	C 9'4 5/8"
SW. Cor	75.52 5.84	467.35	8.17	C 8'2"
℄	476.26 5.10	467.35		

~~℄ abandoned~~

H.I. = 481.36

Basement

NE. Cor	74.99 6.37	67.35	7.64	C 7'7 7/8
SW. Cor	75.66 5.70	67.35	8.31	C 8'3 7/8

22 Levels for Sewer
Perkins PO Bldg

BM	3.00	479.59		476.59 ✓
Sidewalk 160 ft W SE Cor Bldg.			3.25	476.34 ✓
Top Sewer. in alley			13.45	466.44 ✓

+0.5 476.84 Top floor

10.40 ft diff
9.

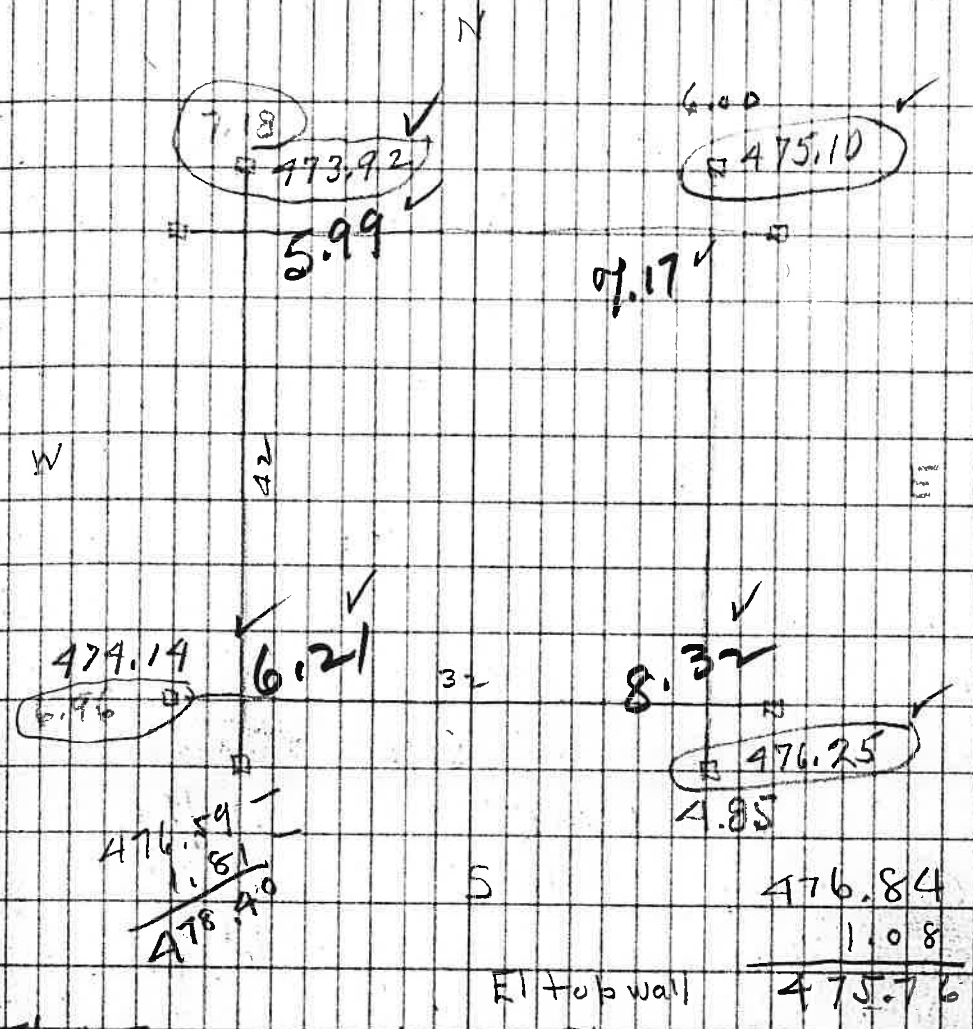
Top floor. 467.76 El ✓ base.
6.44
1.32

23

Basement Levels
Perkins P.O Bldg

10/27-1.4

4.51		481.10			476.59
			4.85		
℄ Bldg N	Cass St on		Sidewalk.		4.74-476.33
			Cut.	Fill	✓
N.W Cor.			5.99		✓ 5'11 7/8"
N.E. "			9.17		✓ 7' 2"
S.E. "			8.37 ✓		✓ 8' 3 7/8"
S.W. "			6.21		✓ 6' 2 1/2"
		✓ ✓			
	1.81 ✓	478.40			476.59
El bottom trench		466.93			
		11.47			
		478.40			
El top wall		475.76			
		2.64			



El to b wall

El. Finished first floor 476.84
joists 1.00
Clear 7.50
floor .33
8.91

476.84
8.91
467.93

467.93
.50
467.43 pk

El. Subgrade Basement floor

El invert 6" sewer

24 Sewer Elevations
Perkins PO Bldg.

BM				
	2.90	479.49		476.59
			14.02	465.47
0+20			7.63	471.86
0+40			6.92	472.57
0+60			6.40	473.09
0+80			5.48	474.01
NW Cor Stake.			5.59	473.90
Sta	FS	465.47		
0+20	71.86	65.96	5.90	5' 10 3/4"
+40	72.57	66.45	6.12	6' 1 7/16"
+60	73.09	66.94	6.15	6' 1 3/4"
+80	74.01	67.43	6.58	6' 7 1/4"

0024

11.02
3
14.02

Invert sewer at alley



St. Sewer Invert NW Cor 467.43
H " " Alley 465.47
1.96

80 | 1.9600
160
360
320
400
400

.0245
80
1.9600

.0245 per ft
20
.4900

18 40
46 6 93
1 . 4 1

25 top wall		Grade		475.76	
		H.I.			
B.M.	4.78	481.37		476.59	
SE Cor					

Field Book No. 38

Pages 25 & 26 Blank

27

Survey of land sold Bly
Smith to Chapman
Nov. 6 - '14
Flesor
2 Christies
Smith
Chapman

Sta.	Dist.	Δ L	Δ R	C.C.	M.C.
Town Cor.					
	174.4			S89°35E	
4+38.4	Cor #3		99°19		
	164.9				
2+73.3					
	273.5			N41°06E	N41°E
14+17.0	= Cor #2		32°21'		
	1241.6			tan.	
1+75.4					
	175.4			N8°45E	N8½°E
Cor #1			7°03'		
	121.0			N1°42E	N1°½E
Δ1			2°40'		
	647.1			N0°58W	N0°40W
0+00			17°52'		
	312.4			S64°10W	
Pipe			Use 64°05 in des.		

West bank 4"x4" post Buckhorn Ck.

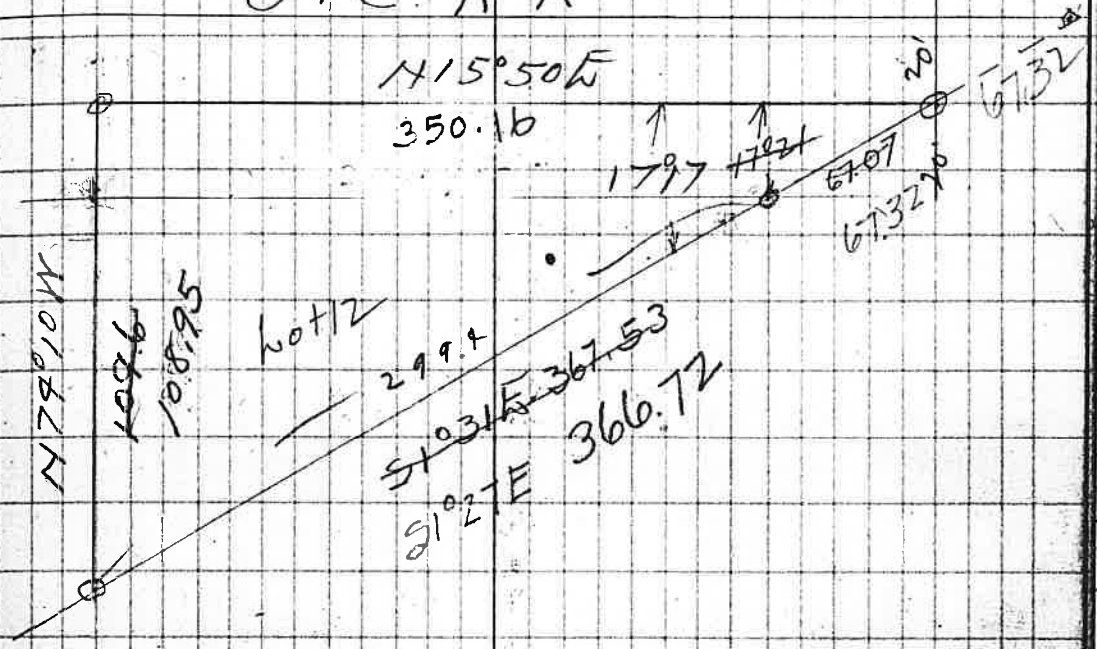
4"x4" cedar post
West bank - Buckhorn Ck

Cor. on ℄ Co. Road bet. Smith + Chapman

Field Book No. 38

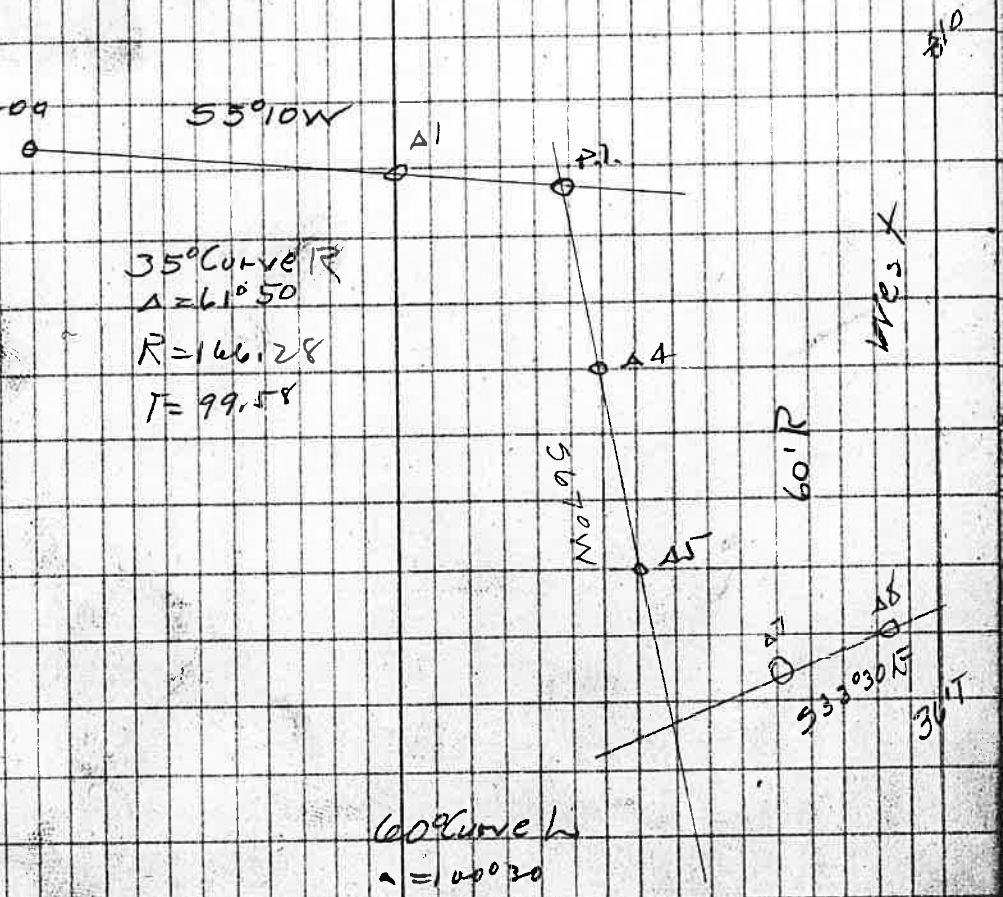
Pages 27A & 28A Blank

Survey for Mrs Maddux
in Boggs Orchard Tracts



30

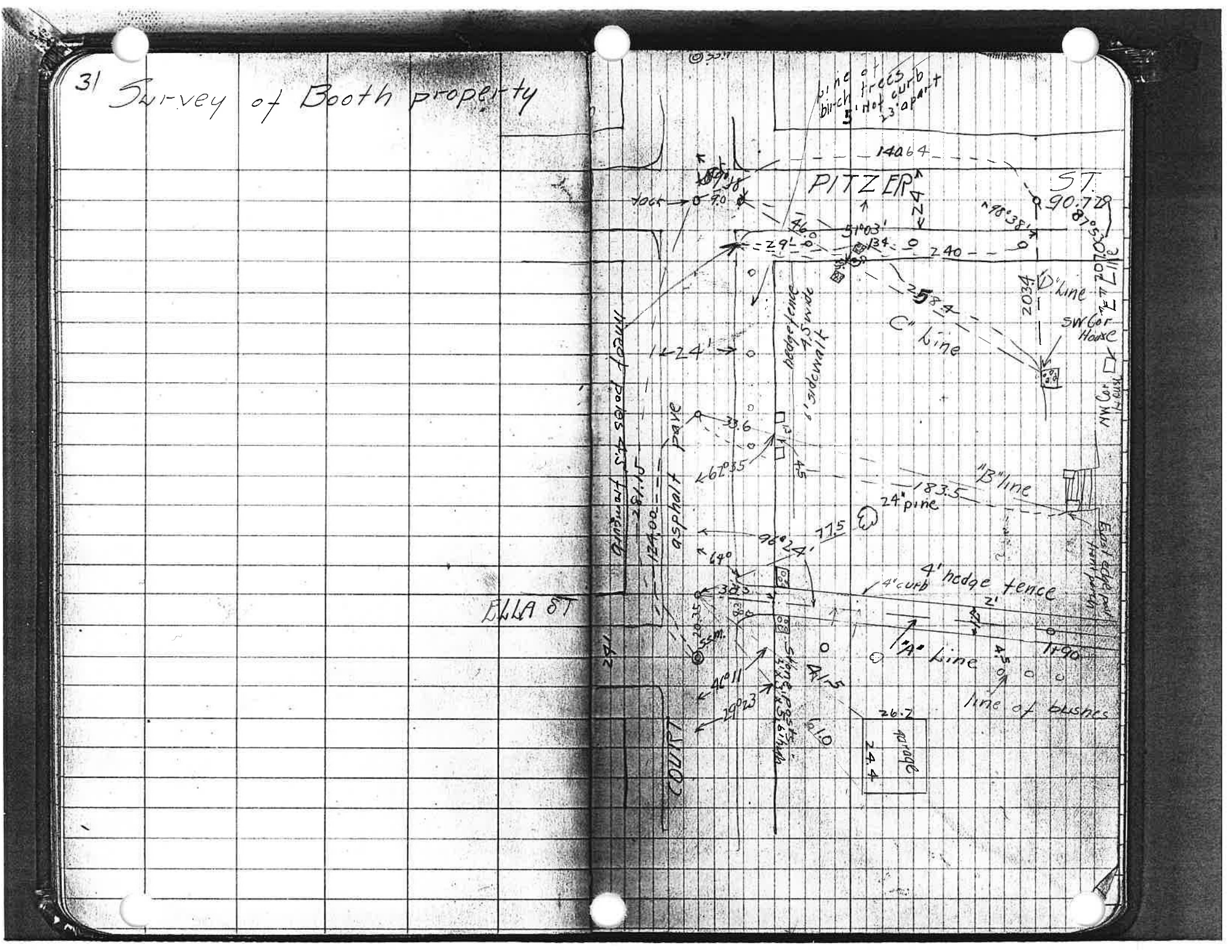
0030



35° Curve R
Δ = 61° 50
R = 166.28
T = 99.58

60° Curve L
Δ = 100° 30
R = 100
T = 120.24

31 Survey of Booth property

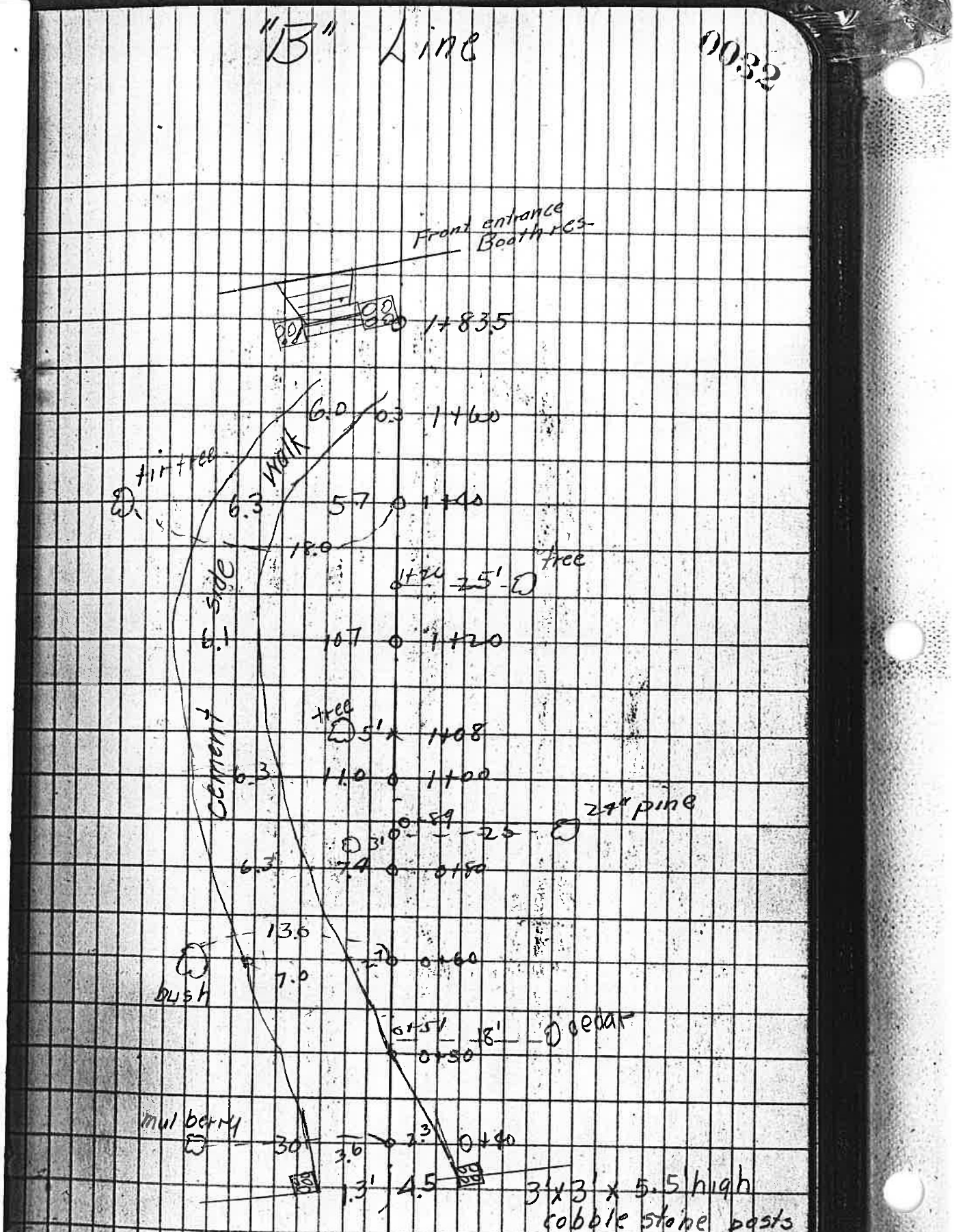


"A" line

24" maple
7.0
1+99
1+60
12'
2'
4' curb
Gravel Drive
14' hard surface
7.1
2'
4'
22.7
0+37.0
0+25.0
18.9
garage
Mon pear trees 16' apart
Mon lilac bushes
Alcurb
flowers, bushes & bldg
stone gate posts
3'x3'x 5.5' high

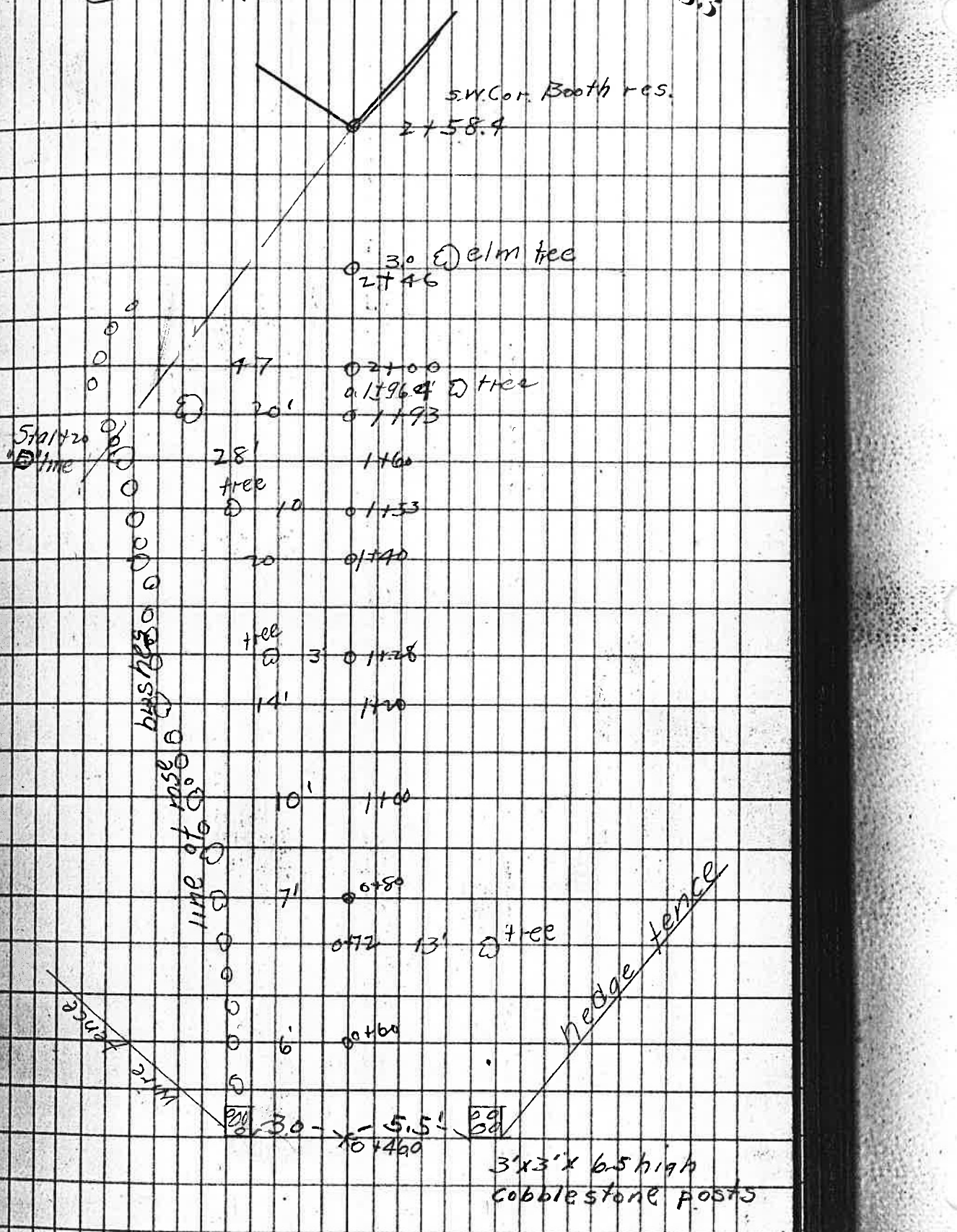
"B" Line

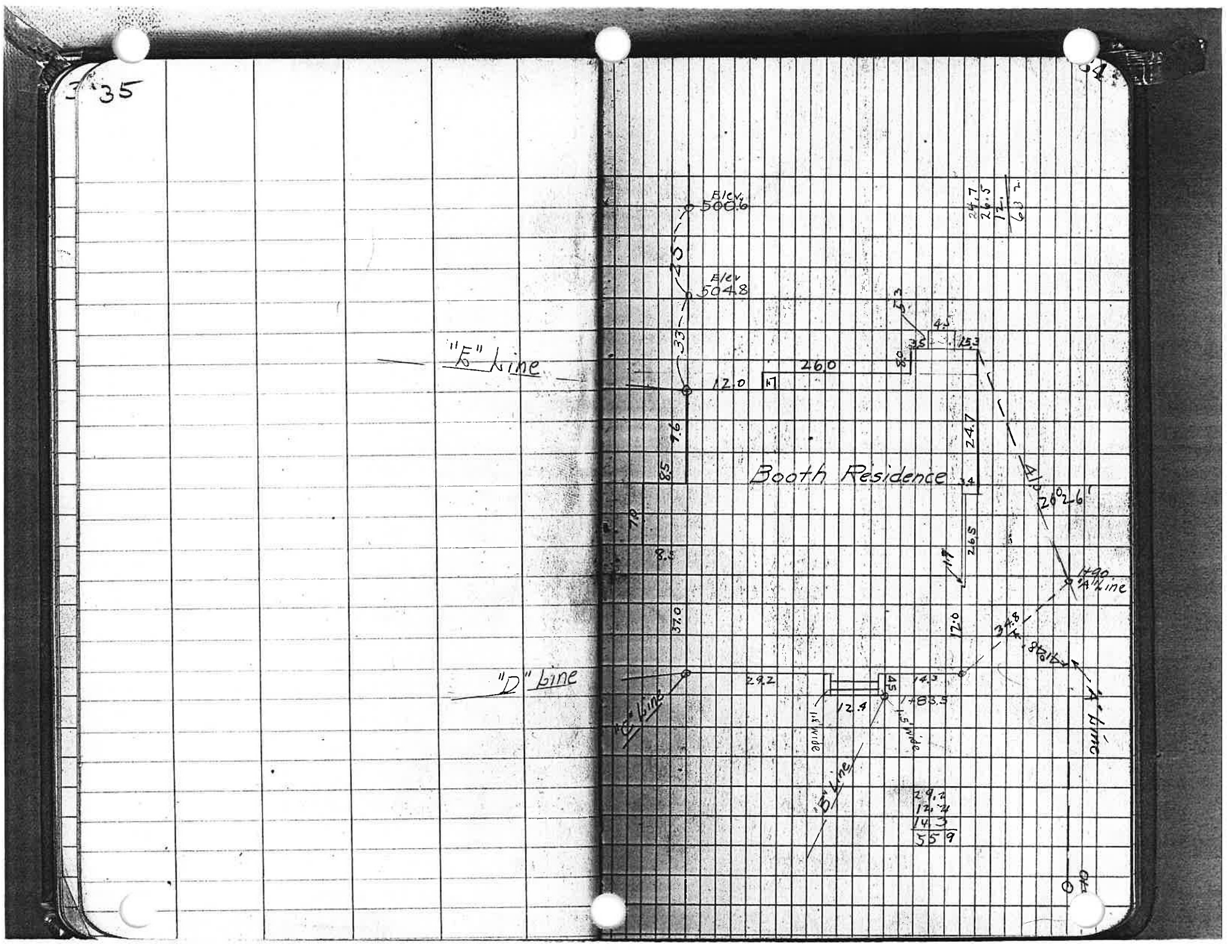
0032


Front entrance
Booth res-
1+835
6.0
0.3
1+60
tir
tree
6.3
walk
57
0+45
18.0
1+20
25'
tree
side
6.1
107
1+20
tree
5'
1+08
cement
6.3
11.0
1+00
24" pine
0+89
25
31'
6.3
7.4
0+80
13.6
7.0
0+60
bush
0+51
18'
cedar
0+30
mulberry
30
3.6
23'
0+80
1.3'
4.5
3'x3'x 5.5' high
cobble stone posts

"C" Line

0033


S.W. Cor. Booth res.
2+58.9
3.0 Ø elm tree
2+46
47
2+00
Ø 19" Ø tree
20'
1+93
5+01.20
"B" line
28'
1+60
tree
Ø 10
1+53
20
1+40
tree
Ø 3'
1+28
14'
1+20
10'
1+00
71'
0+80
0+72
13'
Ø tree
hedge fence
6'
0+60
3.0
5.5'
0+46.0
3'x3'x 6.5 high
cobblestone posts


35
Elev. 500.6
Elev. 504.8
"F" Line
"D" Line
Booth Residence
A' Line
A' Line
"B" Line
"E" Line
1.5' wide
1.5' wide
45
33
12.0
26.0
9.6
8.5
37.0
29.2
12.9
24.7
26.5
17.0
14.3
34.8'
N 20° 26' E
24.7
26.5
12.4
63.2
29.2
12.4
14.3
559

36

Sta.	+S	H.I	-S	Elev
BM.	5.87	480.63		474.76
T.P.	6.25	475.01	11.87	468.76

SW Cor Curl Pitzer

0035

PITZER ST.

H.I = 475.01

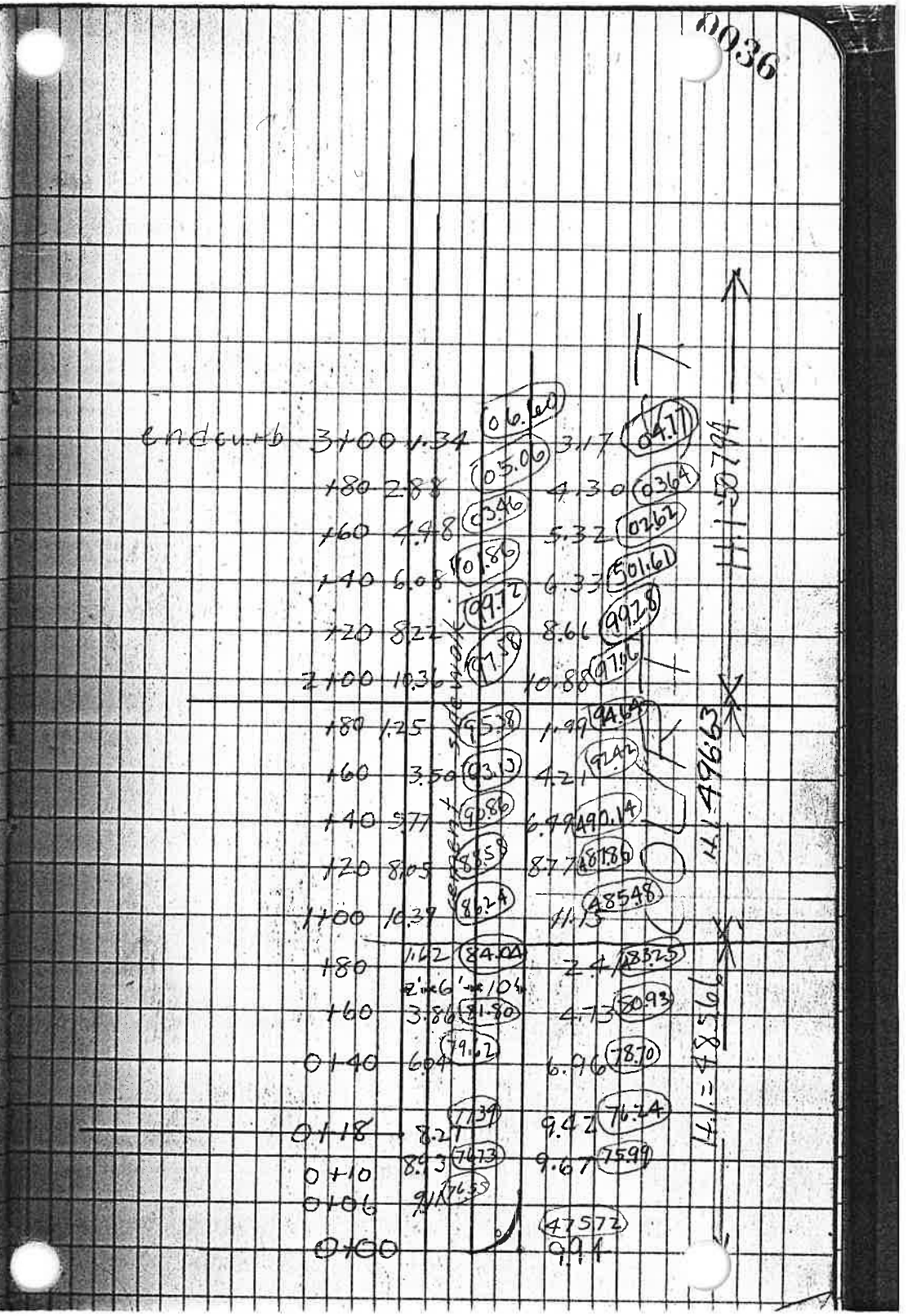
H.I = 480.63

3+00	63.28	11.73	65.7	9.3 / 4	6.0	69.0
+80	64.67	10.39	68.5	6.5 / 5	4.0	71.0
+60	65.85	9.16	70.3	4.7 / 7	2.1	72.9
+40	66.99	8.02	71.6	3.4 / 7	0.7	74.3
+20	68.11	6.90	72.9	2.1 / 6	0.7	74.8
2+00	69.10	11.53	73.6	7.0 / 6	3.8	76.8
+80	70.09	10.54	74.1	6.5 / 5	3.3	77.3
+60	71.04	9.59	74.3	6.3 / 5	2.9	77.7
+40	71.93	8.70	75.2	5.4 / 5	2.8	78.3
+20	72.74	7.89	75.1	5.5 / 4	2.1	78.0
1+00	73.55	7.08	75.1	5.5 / 5	2.9	77.7
+80	74.15	6.48	75.3	5.3 / 5	3.9	76.7
+60	74.76	5.87	6.5	5.1 / 4	3.8	76.8
0+40	75.22	5.41			3.2	77.4
0+18	75.59	5.04	← 18 →		3.47	77.16
0+10	75.67	5.01				
0+00	75.71	4.91				

37

Sta.	+S	H.I.	-S	Elev.
B.M.	10.90	485.66		474.76
T.P.	11.36	496.63	0.39	485.27
T.P.	11.48	507.94	0.17	496.46
B.M.			5.31	502.63 - 502.60
BM	10.86	485.62		474.76
			0.35	485.27

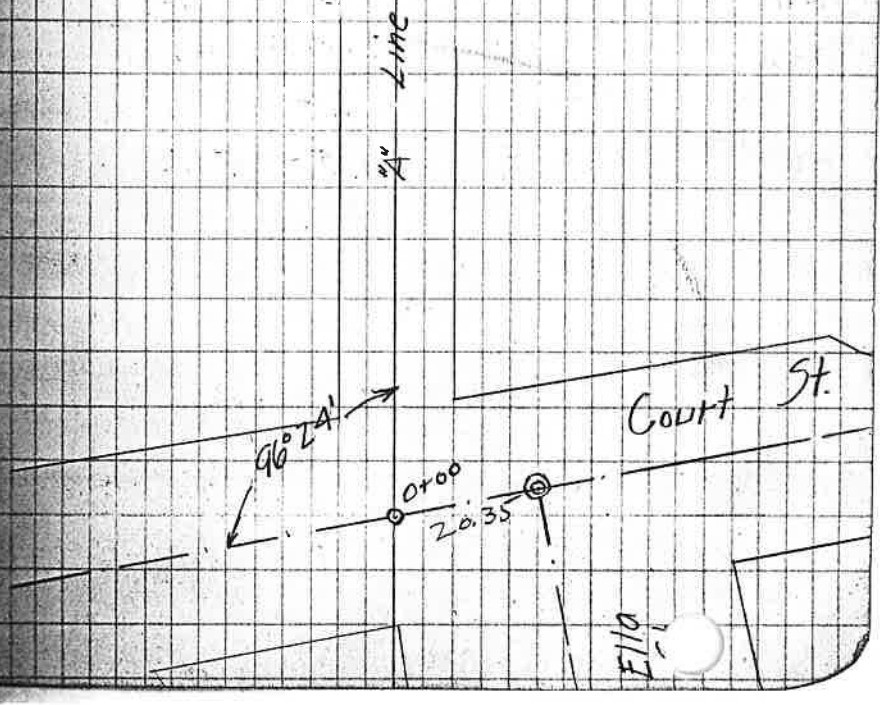
2036



"A" Line

S.W. Cor Court & Ella

Sta.	+S	H.I.	-S	Elev
B.M.	9.04	511.64		502.60
0+00				
+20				
0+40			8.1	503.5
+50			7.6	04.0
+60			7.1	04.5
+80			6.4	05.2
1+00			5.4	06.2
+20			4.7	06.9
+40			3.8	07.8
+60			3.4	08.2
+80			3.5	08.1
1+90			3.5	08.1
2+20 edge bank			5.7	05.9

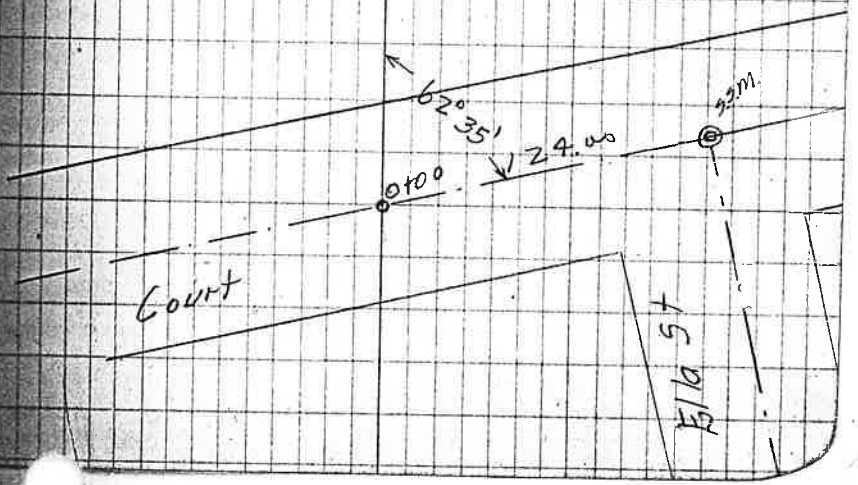


39

"B" Line

1038

Sta	+S	H.I.	-S	Elev
		511.64		
1+83.5				
+80			2.8	508.8
B.M.			2.36	509.28
+60			3.6	08.0
+40			4.85	06.8
+20			6.5	05.1
1+00			8.7	02.9
T.P.0	3.81	504.55	10.90	500.74
+80			4.3	500.3
+60			7.2	97.4
+~~50~~			8.7	95.9
0+40			10.1	94.5
B.M.			11.42	493.13

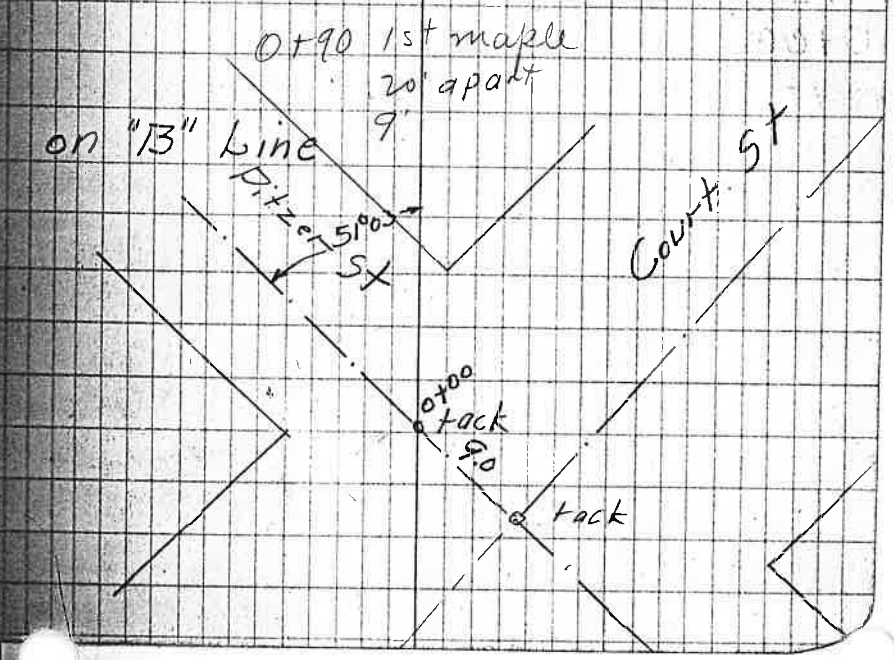


40

"C" Line

003.

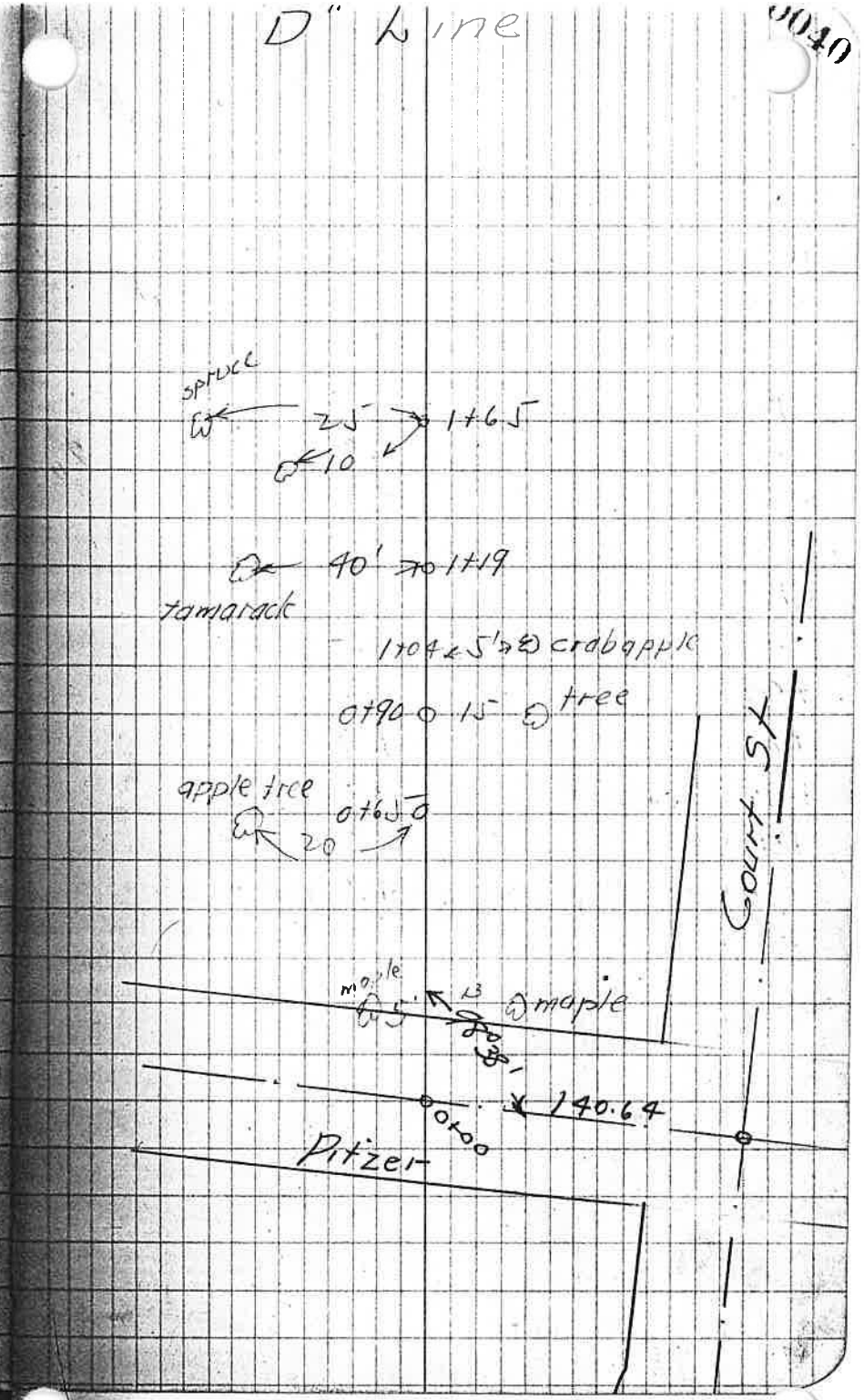
Sta.	+S	H.I.	-S	Elev
B.M.	10.79	485.55		474.76
0+00				
+40			6.0	79.6
+60			3.9	81.7
+80			1.0	84.6
T.P.	11.75	497.00	0.30	485.25
1+00			9.2	87.8
+20			5.7	91.3
+40			2.4	94.6
T.P.	11.75	508.32	0.43	496.57
+60			10.4	97.9
+80			7.4	500.9
2+00			4.9	03.4
+20			2.8	05.5
~~+40~~			~~1.5~~	
T.P			7.57	500.75



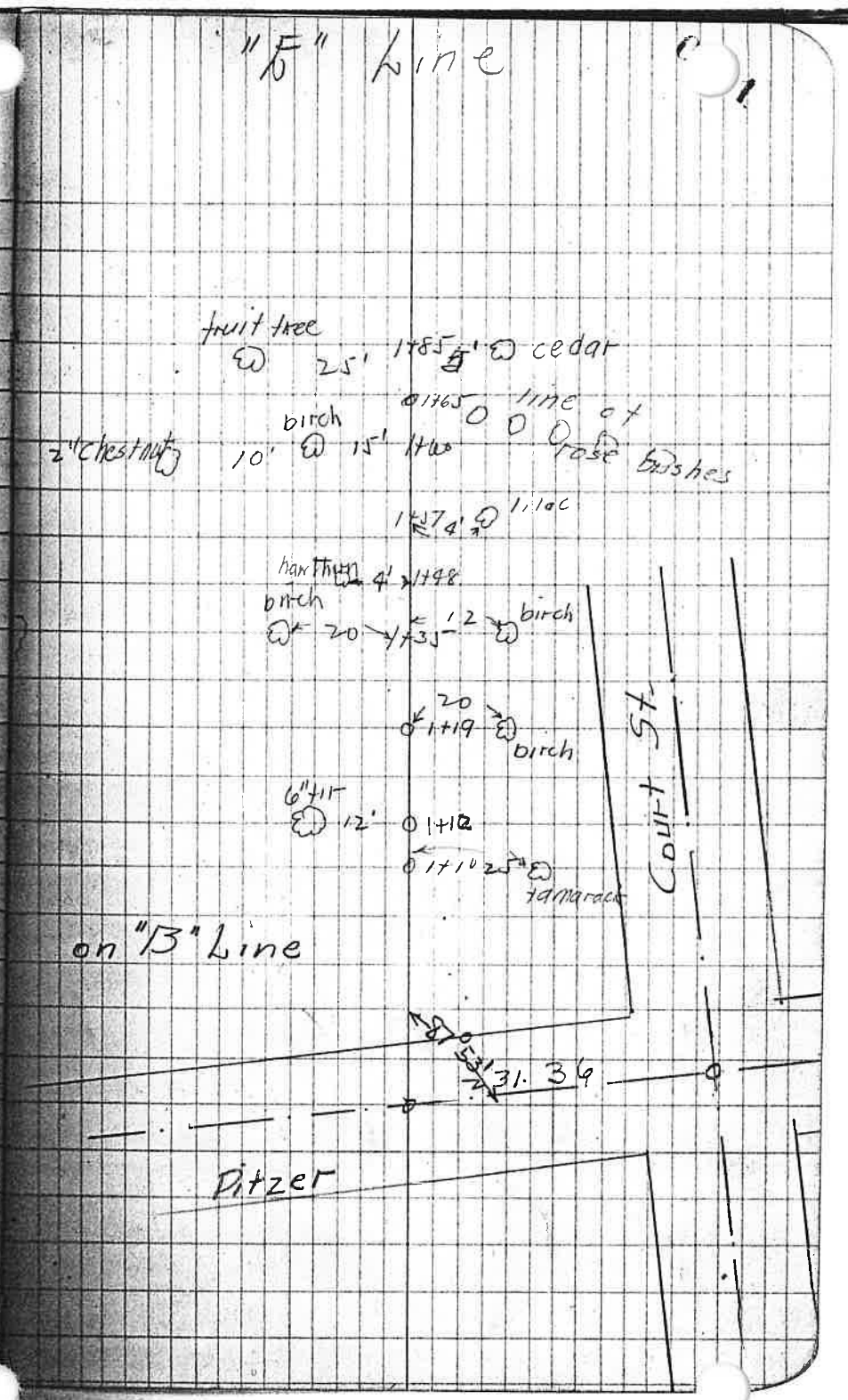
41

D" Line

Sta.	+S	H.I.	-S	Elev
		508.32		
2+00			1.5	506.8
+80			3.9	044
+60			6.8	501.5
+40			9.8	498.5
F.P.	0.56	497.19	11.69	496.63
+20			2.5	94.7
1+00			6.1	91.1
+80			10.1	87.1
T.P.	0.14	486.09	11.24	485.95
+60			2.6	83.5
+40			5.8	80.3
+20			9.6	76.5
0+00				
			11.37	474.72



Sta	+S	H.I.	-S	Elev
B.M.	11.61	480.37		468.76
0+00				
+20			6.3	74.1
+40			3.0	77.4
T.P.	10.79	490.24	0.92	479.45
+60			9.9	80.3
+80			6.5	83.7
1+00			3.0	87.2
T.P.	11.90	501.78	0.36	489.88
+20			10.5	91.3
+40			6.2	95.0
+60			1.9	99.3
T.P.	10.63	511.06	1.35	500.43
+80			6.8	04.3
2+00			4.0	07.1
T.P.			10.24	500.82



3

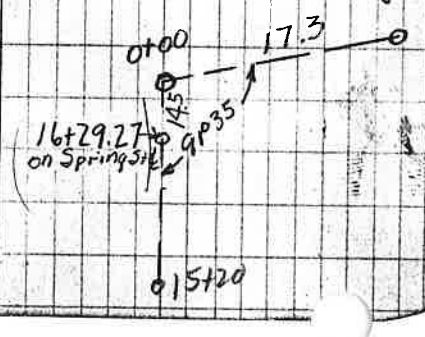
Sta.	Dist.	ΔL	ΔR	C.C	M.C.
9+16.7					
	101.9				
8+14.8					
	128.7			S8°12E	
PT 86.1			82°18'		
	179.1			N89°30E	
5+07.0					
	286.5				
2+20.5					
	112.9				
1+07.6					
	107.6			N89°30E	
0+00		53°30'			
	122.5			S37°E	S33°E
Sta 15+20 Spring St.					

Survey in Terrace Park Add. 12
for Cobb to establish ℄ line
to summit

1-28-15-PM
1-29-15 AM
Flesel-
C. Christie
W. Christie

hub on fence N. bdry. Cobb prop.

used as ℄ Summit Ave.



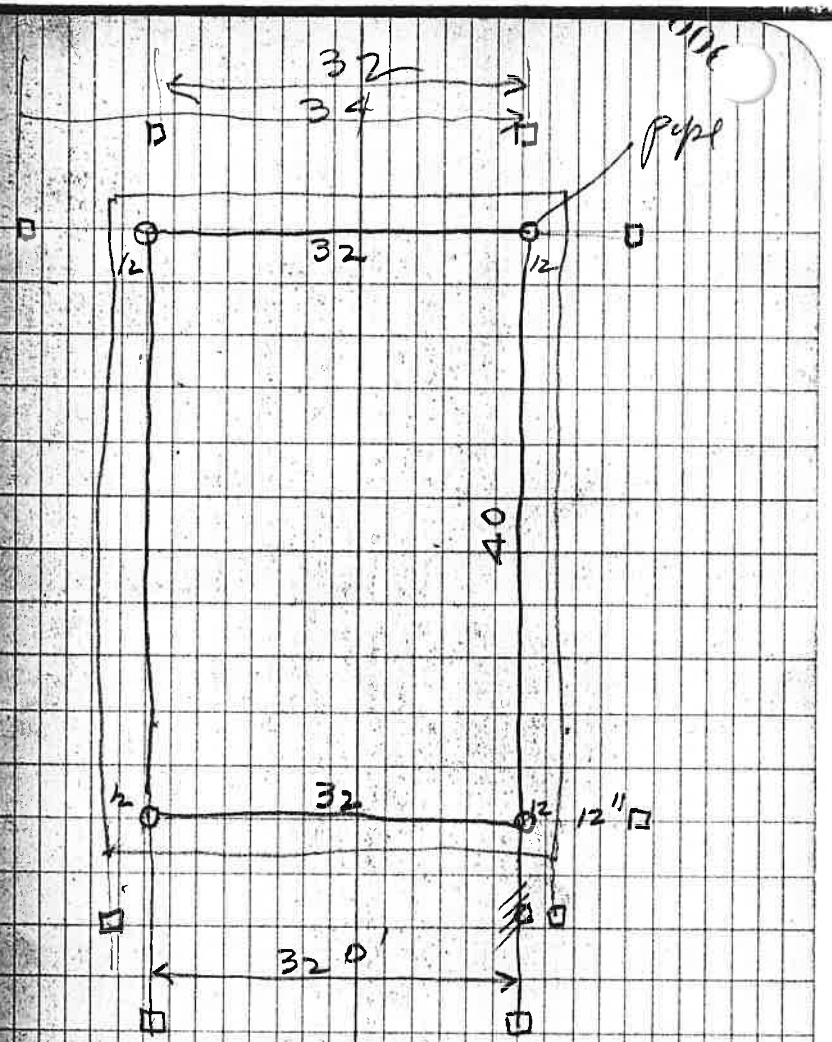
Field Book No. 38

Pages 43 - 64 Blank

E sidewalk - 100
E " floor - 100.5
99.42 bottom joist
91.09 sub grade

Field Book No. 38

Pages 66 - 67 Blank


32
34
Pipe
32
12
12
40
32
12
12"
32
0'

Field Book No. 38

Pages 69 - 79 Blank

Sol Alt 98° 14' — 18°

13° 17'

Sol. 19° 05'

Hec.

S62° 08' E Solar

Meridiograph S69° 14E

McElroy Formula S67° 08'E

32

14



20 | 400

S8° 08E

71 107

72° 97

8 08

S62° 49W

72° 97

80 08

8° 41E

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