556

556

F.B.556

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
	DEGREES		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

Published by H. S. Crocker Company, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

MICROFILMED
DEC 1 1 1964

Crocker Quality

FIELD BOOK

No._____

MANUFACTURED BY

H. S. CROCKER CO.

SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

C. A. Rothrock - 10-61-16th

FROM
LORINGS BOOK STORE
San Diego, Cal.

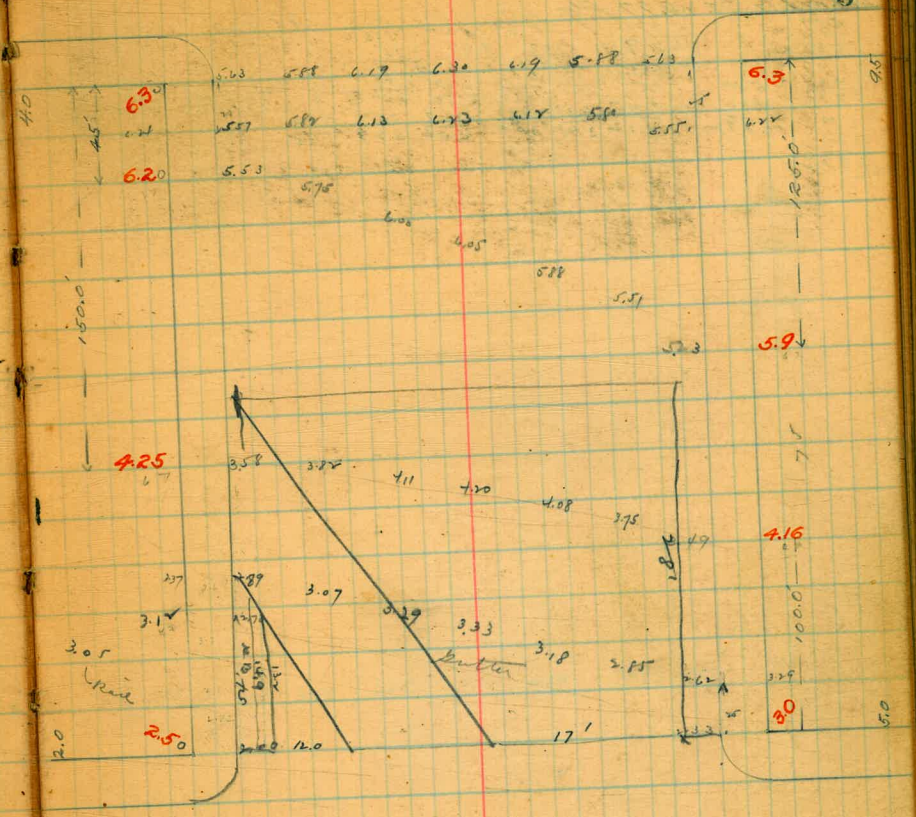
1111

103.34 Mon SE Quince 138

				H1 104.72	
				3.57	101.15 Nut on Hydt SE Rwd
		H1 95.28		10.62	94.10
TP	1.18		14.10 / 11.18		
		H1 90.24		8.32	86.96 - Spk NE Spruce
TP	3.28				
		H1 90.93		4.08	86.16 - Spk NE Sass
TP	4.77			1.82	89.11 Spk NE Thorn
TP	0.55	89.66		3.29	86.27 Bdt Hydt SE Upper
	0.72	86.99		5.92	81.07
		H1 82.27			
	1.20			8.32	73.95 BM SE Willow
	0.49	74.44		7.40	67.04 SW Chalmers
	12.61	79.65		1.69	77.96 NW Winder

MICROFILMED

S.W.H.St. 2.42 Plug



S.W. cor. G St. 5.87 Plg.

5.50 / 5.69 — 5.55 / 5.64 — 5.63 / 5.56 — 4.85 / 6.34 — 6.33 / 4.86 — 6.00 / 5.19

5.32 / 11.19 m — 7.47 / 7.44 — 7.47 / 3.46 — 6.75 / 4.18

5.87 / 4.06 / 9.91 m

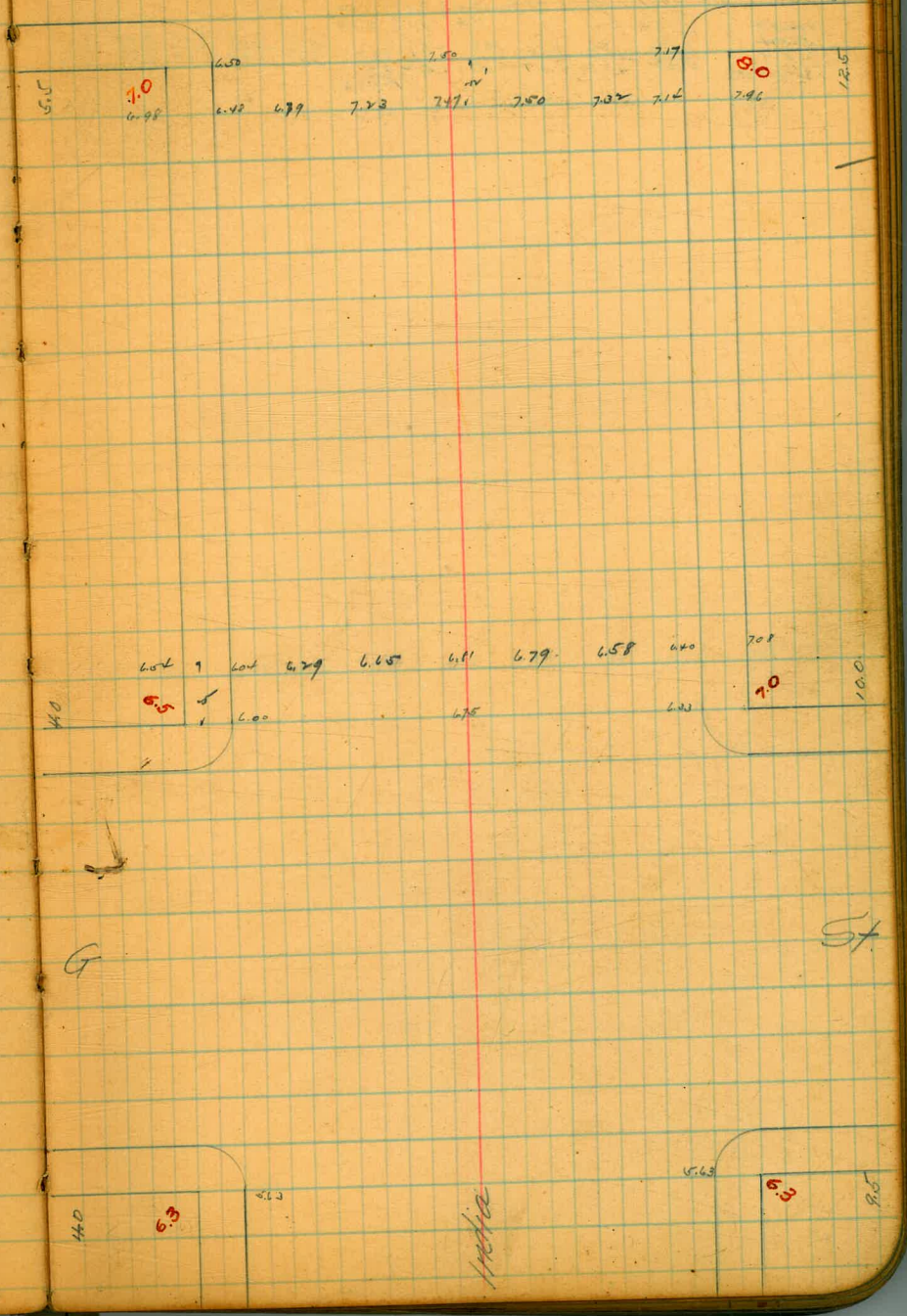
6.25 / 4.52 — 6.56 / 4.21 — 6.81 / 3.96 — 6.69 / 4.08 — 6.51 / 4.26 — 6.58 / 4.19 — 6.79 / 3.98 — 6.33 / 4.44 — 6.54 / 4.23 — 6.29 / 4.48

6.89 / 4.04 / 10.93

5.87 / 4.90 / 10.77 m

6.65 / 4.12 — 6.79 / 3.98 — 7.23 / 3.54 — 7.47 / 3.30 — 7.51 / 3.27 — 7.32 / 3.45

6.89 / 3.88 / 10.77 m



S.W. cor. F St. 6.89 Plg.

~~5.87~~
5.54
6.89
12.43 H1

5.47
12.56 H1

7.37
5.06

7.82
4.61

8.06
4.37

8.09
4.34

7.91
4.52

8.98
3.45
12.43 H1

4.64
7.72

7.67
4.69

7.17
5.19

6.50
5.86

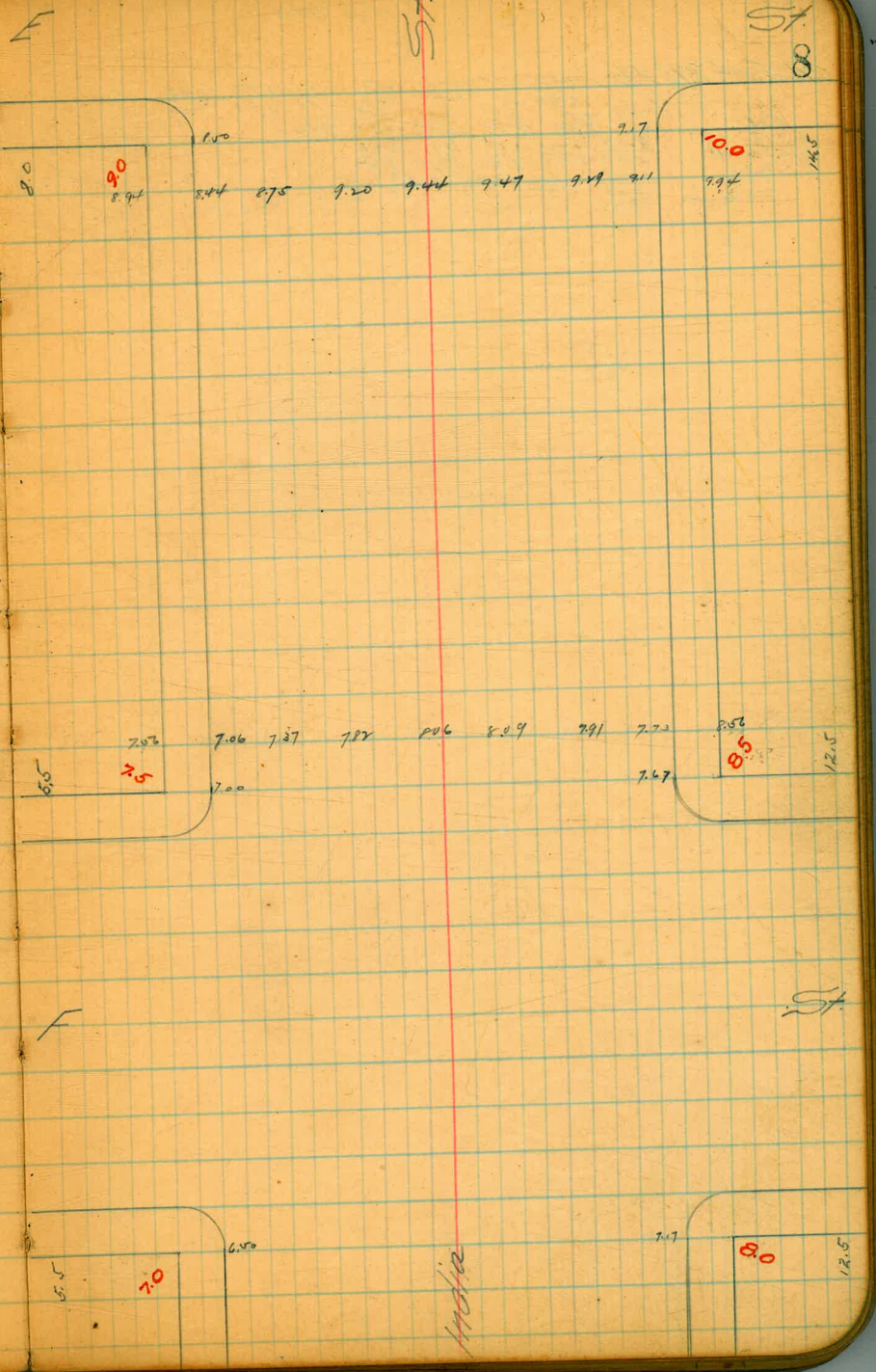
8.75
3.68

9.20
3.23

9.44
2.99

9.47
2.96

9.29
3.14



12.88 SWD

S.W. E St. 8.98 P/g.

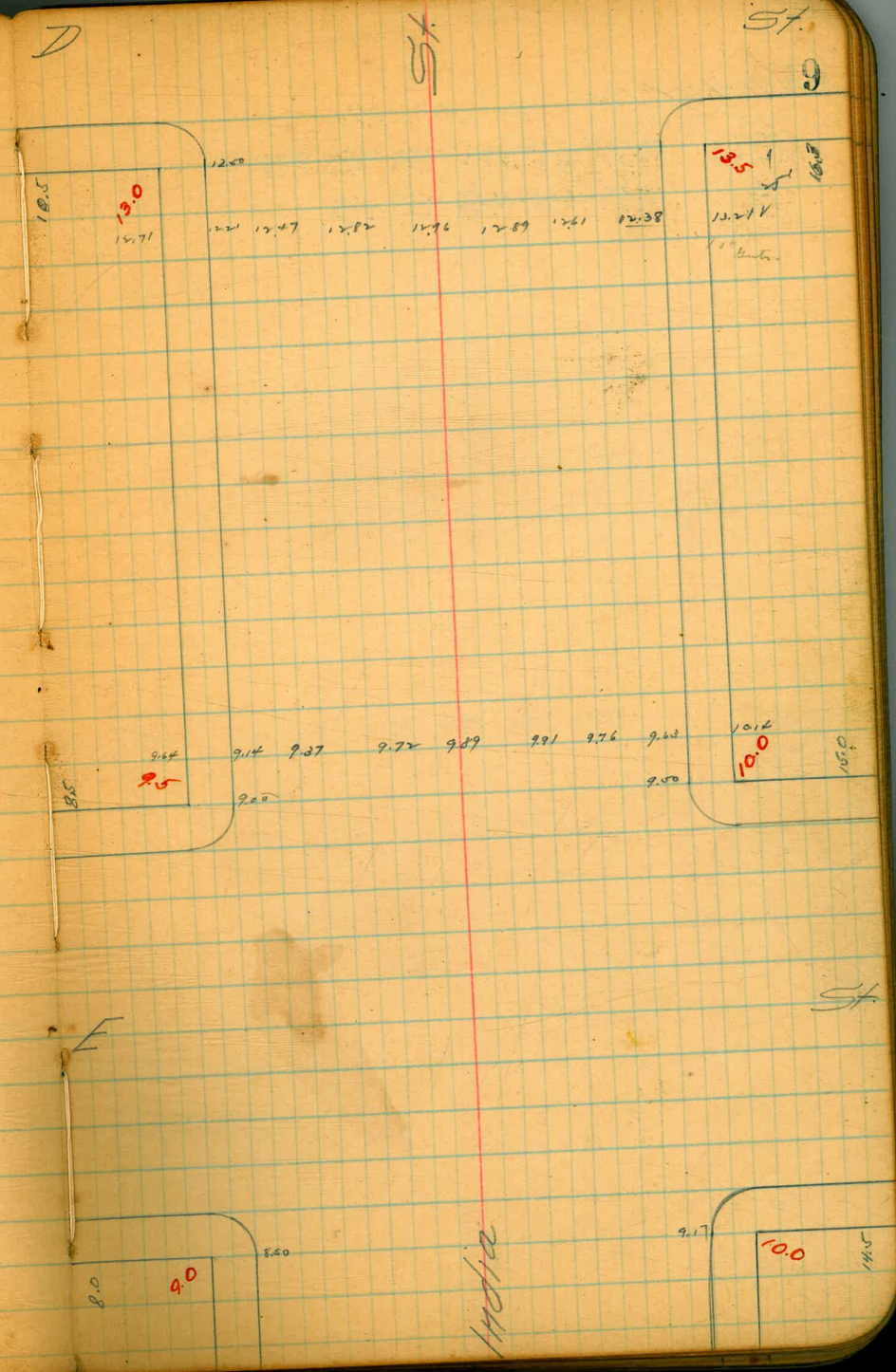
12.88	SWD	4.19	12.50	4.36	3.57	12.38	
5.36		12.46	4.44	12.58	13.37	4.56	
16.94	HI	4.85	9.50	9.00			
14.34 HI	8.50	9.17	9.49	4.84	5.34		
	5.84	5.17					

8.98
6.18
15.16 HI

9.37	9.72	9.89	9.91	9.76
5.99	5.44	5.27	5.25	5.40

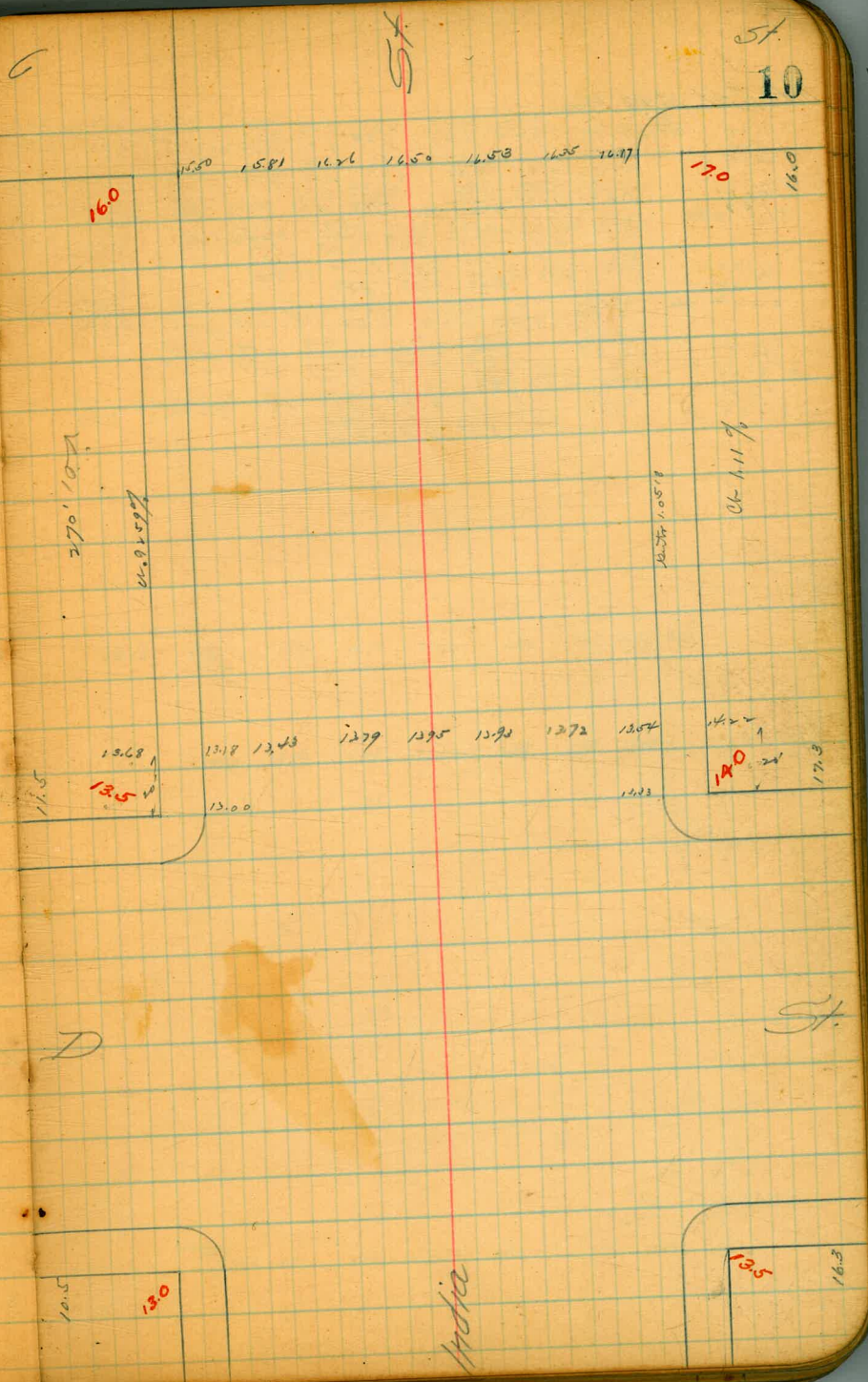
12.88
2.28
15.16 HI

12.47	12.82	12.96	12.89	12.61
2.69	2.34	2.20	2.27	2.56



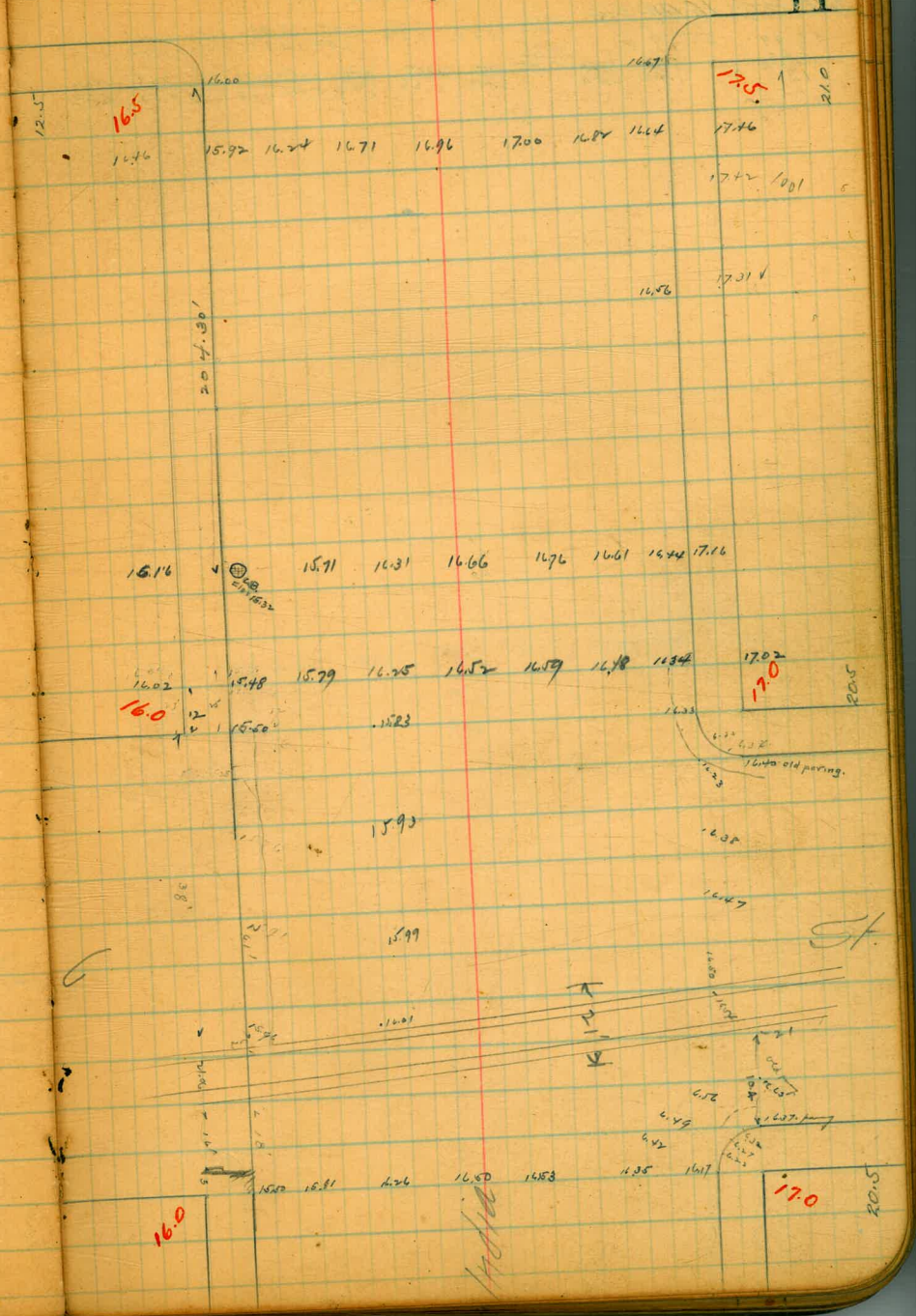
S.W. D St. 12.88 P/g.

12.88	13.00 / 5.20	4.79 / 12.41	13.32 / 4.87			
5.59	13.43 / 5.04	13.79 / 4.68	13.95 / 4.52	13.93 / 4.54	13.72 / 4.75	2.28 / 16.19
18.47 H.I.						
16.90	16.35 / 2.12	16.53 / 1.94	16.50 / 1.97	16.26 / 2.21	15.81 / 2.66	
1.57						
18.47 H.I.						



N.E. C St. 16.90 Plg.

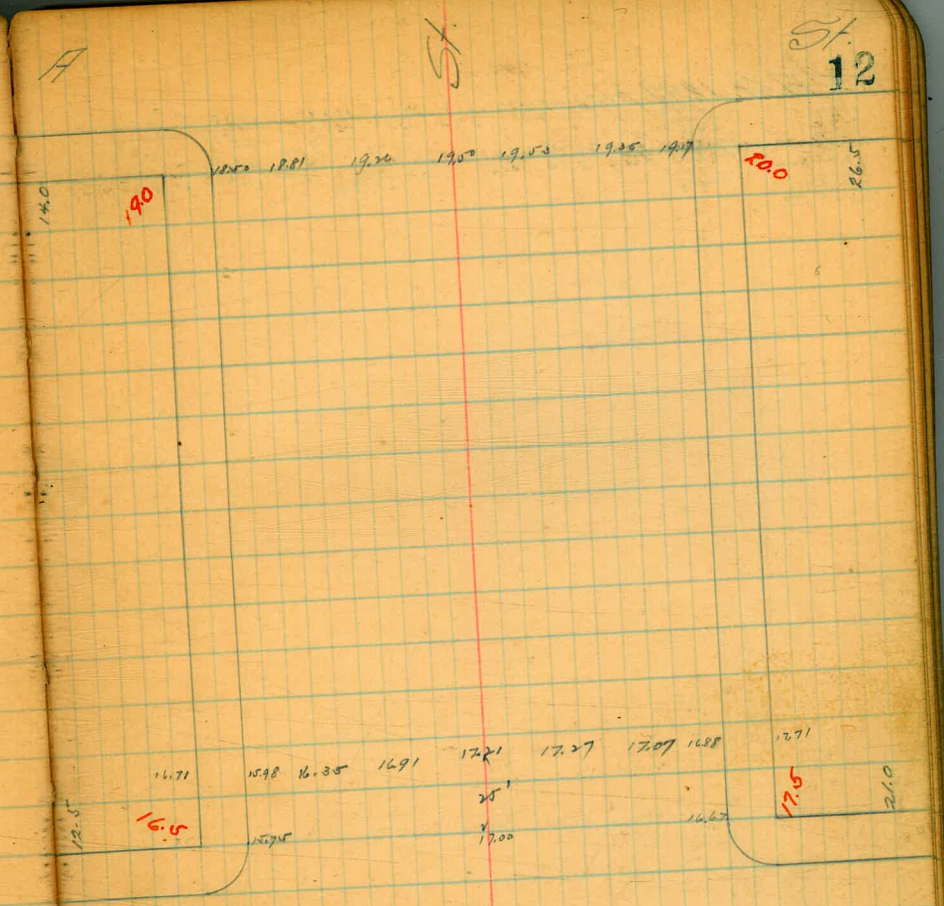
3.42 / 20.32 Ht	3.92 / 16.40	15.39 / 4.93	16.33 / 3.99	6.56 / 3.76	16.44 / 4.60 / 21.04 Ht	17.50 / 3.54	7.42 / 3.62	17.31 / 3.74	
16.90 / 3.44 / 20.34 Ht.	4.53 / 15.81	5.10 / 15.24	16.04 / 4.30	16.00 / 4.34	15.50 / 4.84	16.17 / 4.17			
16.90 / 5.08 / 21.98 Ht.	6.66 / 15.32	15.50 / 6.48	16.44 / 5.56 / 22.00 Ht.	16.26 / 5.76	16.71 / 5.29	16.96 / 5.04	17.00 / 4.98	16.82 / 5.18	
	16.61 / 5.37	16.76 / 5.22	16.66 / 5.32	16.31 / 5.67	15.71 / 6.27	16.64 / 5.36			
16.90 / 3.32 / 20.22 Ht	15.79 / 6.19	16.25 / 5.73	16.52 / 5.46	16.59 / 5.39	16.48 / 5.50	3.68 / 16.54			
	16.50 / 3.72	16.47 / 3.75	16.38 / 3.84	16.23 / 3.99	6.34 / 3.88	6.33 / 3.89	6.00 / 3.92	15.76 / 4.26	
16.90 BM / 4.31 / 21.21 Ht.	4.21 / 16.08	15.83 / 6.42	15.93 / 4.29	15.99 / 4.23	4.58 / 16.63	4.84 / 16.37			
4.45 / 21.35 Ht	6.56 / 4.65	6.49 / 4.72	16.50 / 4.85	16.47 / 4.88	16.38 / 4.97	16.23 / 5.12	16.48 / 4.87	16.59 / 4.76	
	16.25 / 5.10	15.79 / 5.56	16.01 / 5.34	15.99 / 5.36	15.93 / 5.42				

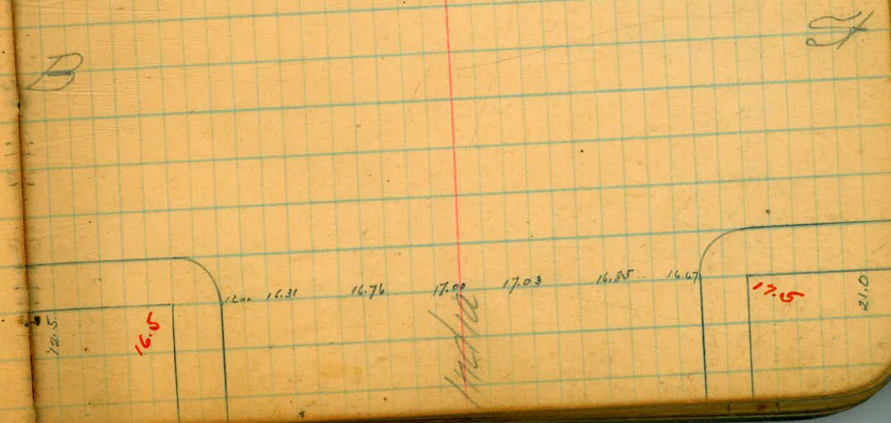


Bm [illegible] & [illegible] [illegible]

S.W. B St. 16.44 plg.

				16.60	16.67	4.50	16.67	5.38	16.5	16.01		
				5.19	4.52	16.69	4.52	15.81	18.8	4.88		
									.7			
18.99	4.79			15.75								
2.80	21.19 H1	18.81	9.26	5.44	9.50	9.53	9.35	6.35	6.91	7.21	7.27	7.07
21.79 H1		2.98	2.53		2.29	2.26	2.42	5.44	4.88	4.58	4.52	4.72

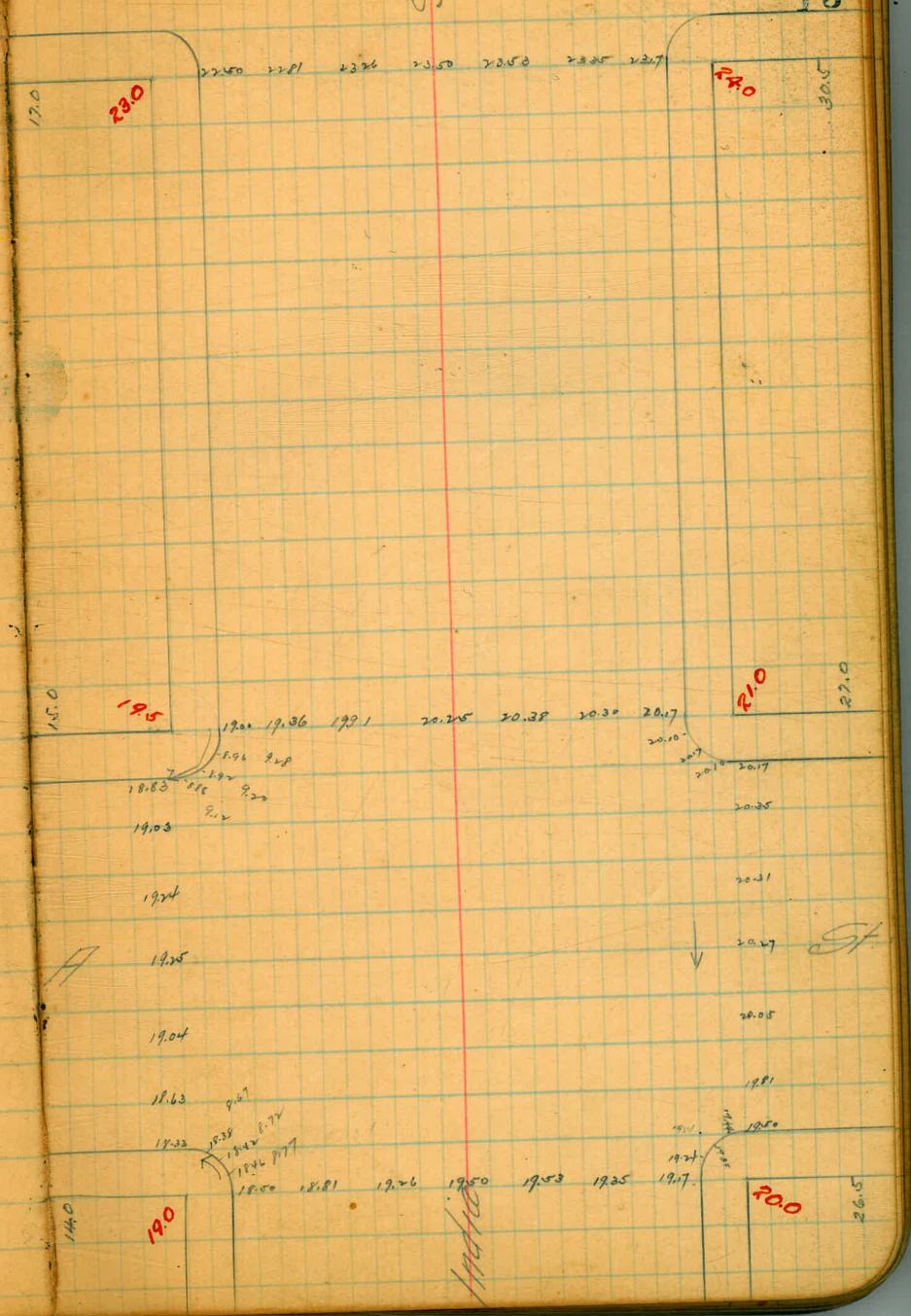




S.W. Ash St. 18.99 p/g. 18.57 / 6.01 19.17 / 5.34 19.00 / 5.51 18.99 / 490 / 23.89 Hs 20.38 / 3.51 19.53 / 4.36

18.99 / 639 / 25.38 Hs 20.30 / 5.08 20.38 / 5.00 20.25 / 5.13 19.91 / 5.47 19.36 / 6.02 22.97 / 252 / 25.39 Hs 3.35 / 2.04 3.53 / 1.86 3.50 / 1.89 3.26 / 2.13 2.81 / 2.58

18.99 / 479 / 23.78 Hs 18.81 / 97



S.W. Ash St. 22.97 plg.

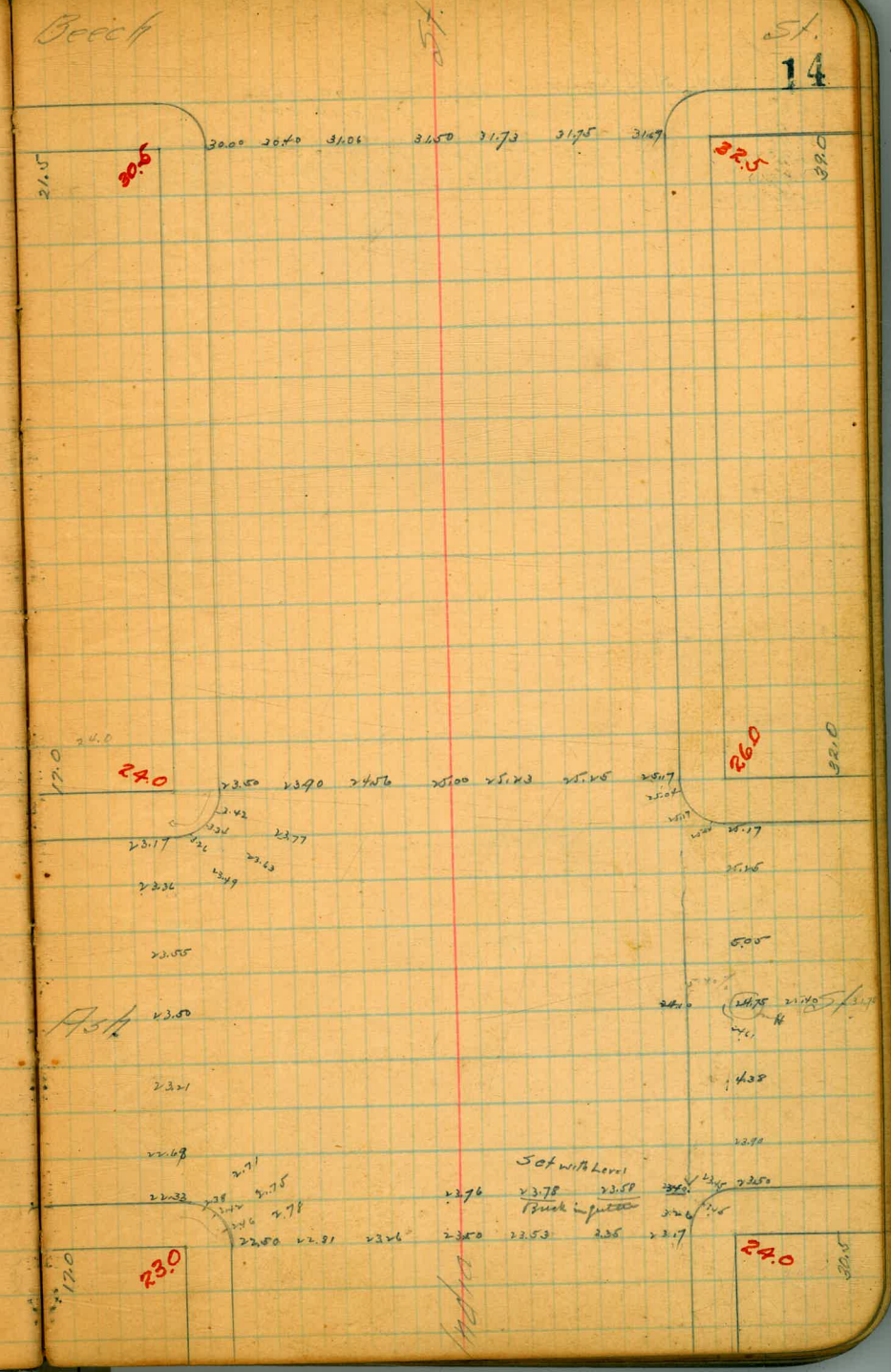
22.97 / 6.52 | 3.50 / 5.52 | 5.17 / 3.85 | 3.17 / 5.85 | 22.97 / 4.90 | 5.25 / 2.62

6.05 / 29.02 H.I.

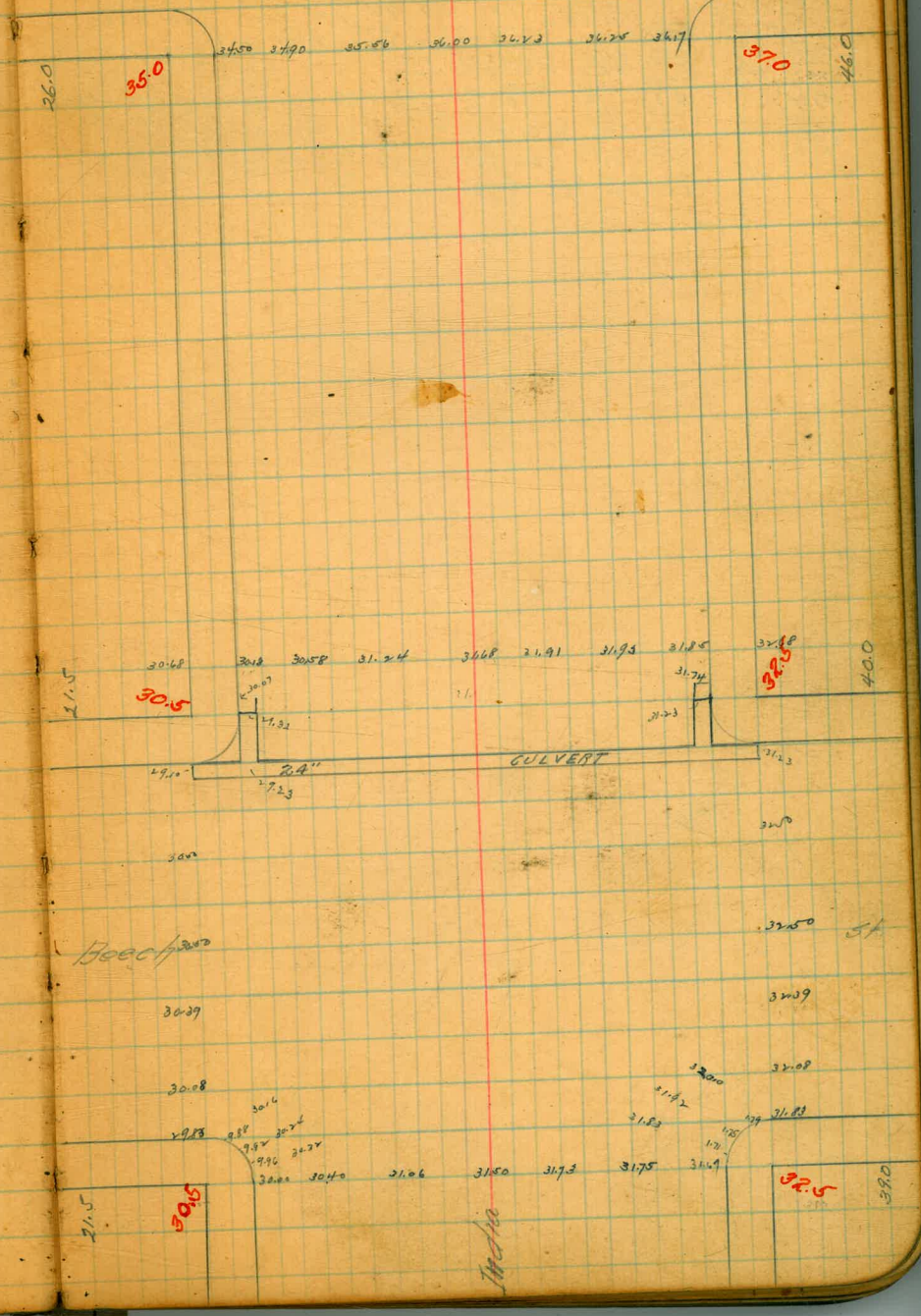
22.97 / 5.61 / 28.58 H.I.

3.90 / 4.68 | 4.56 / 4.02 | 5.00 / 3.58 | 5.25 / 3.35 | 5.25 / 3.33 | 5.23 / 2.78 | 4.61 / 3.46

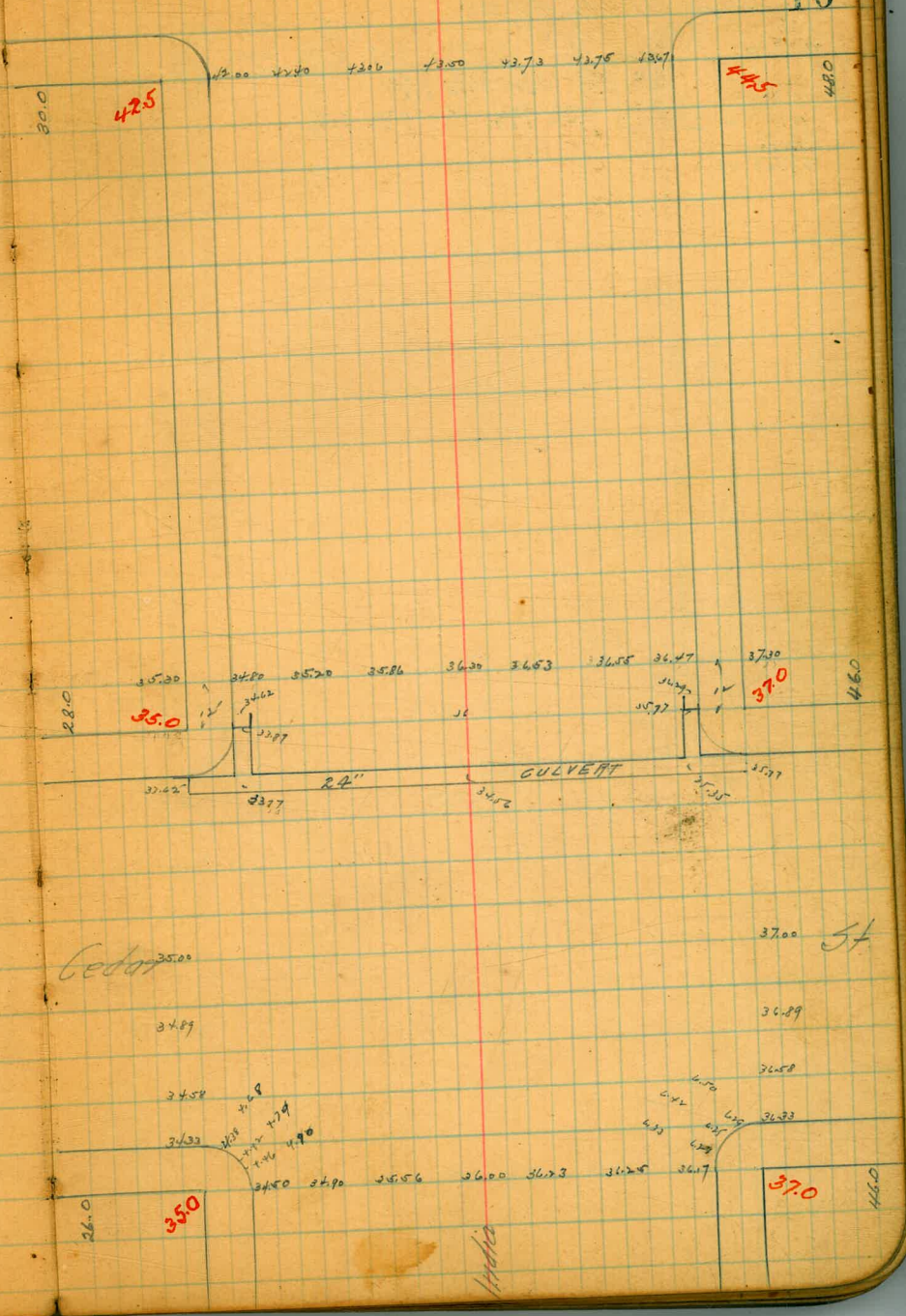
22.97 Bm. / 5.04 / 28.01 H.I.



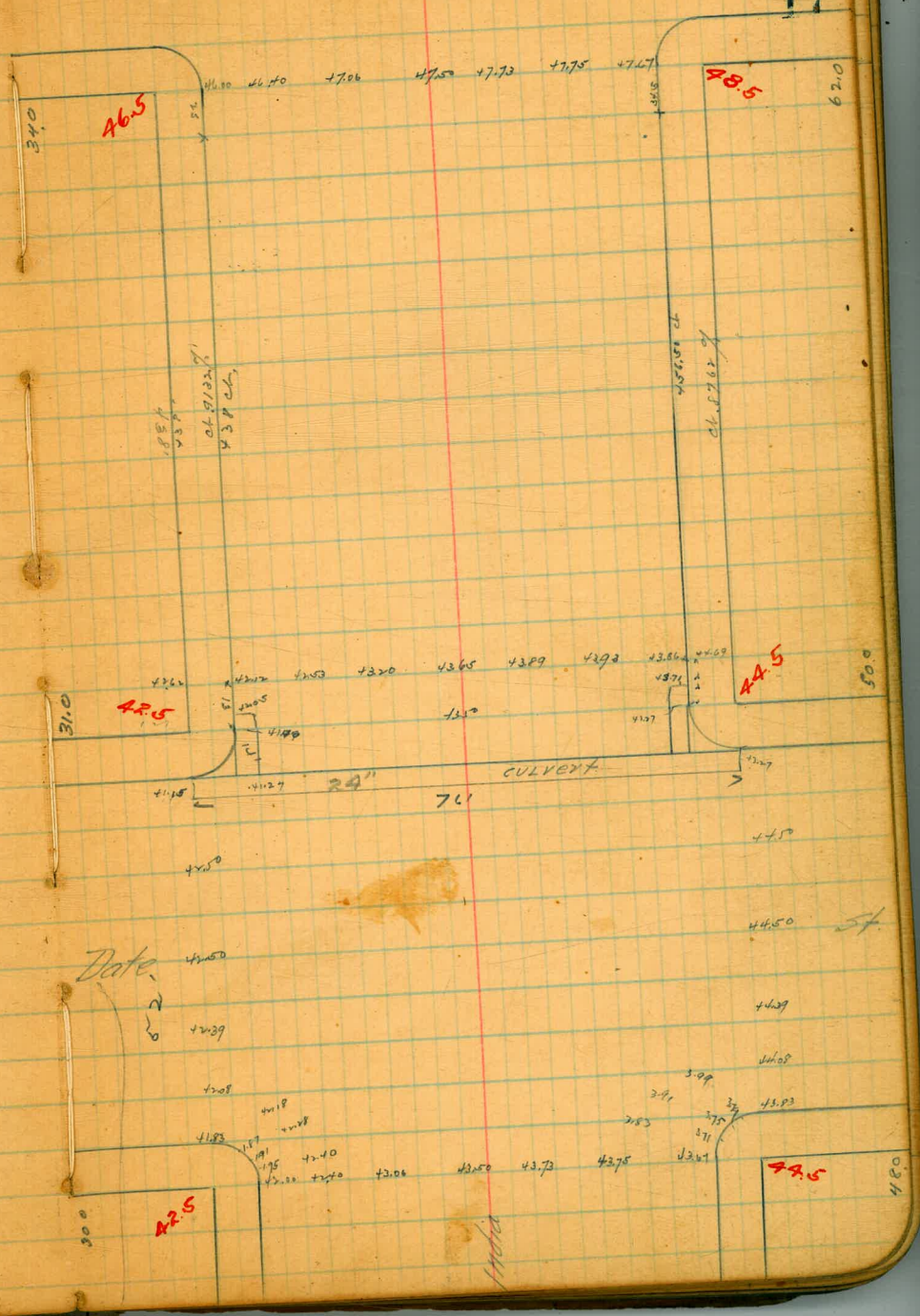
Beech St. W. 30.42



SW Cedar 34.97



S.W. Date St. 42.47 P/G.

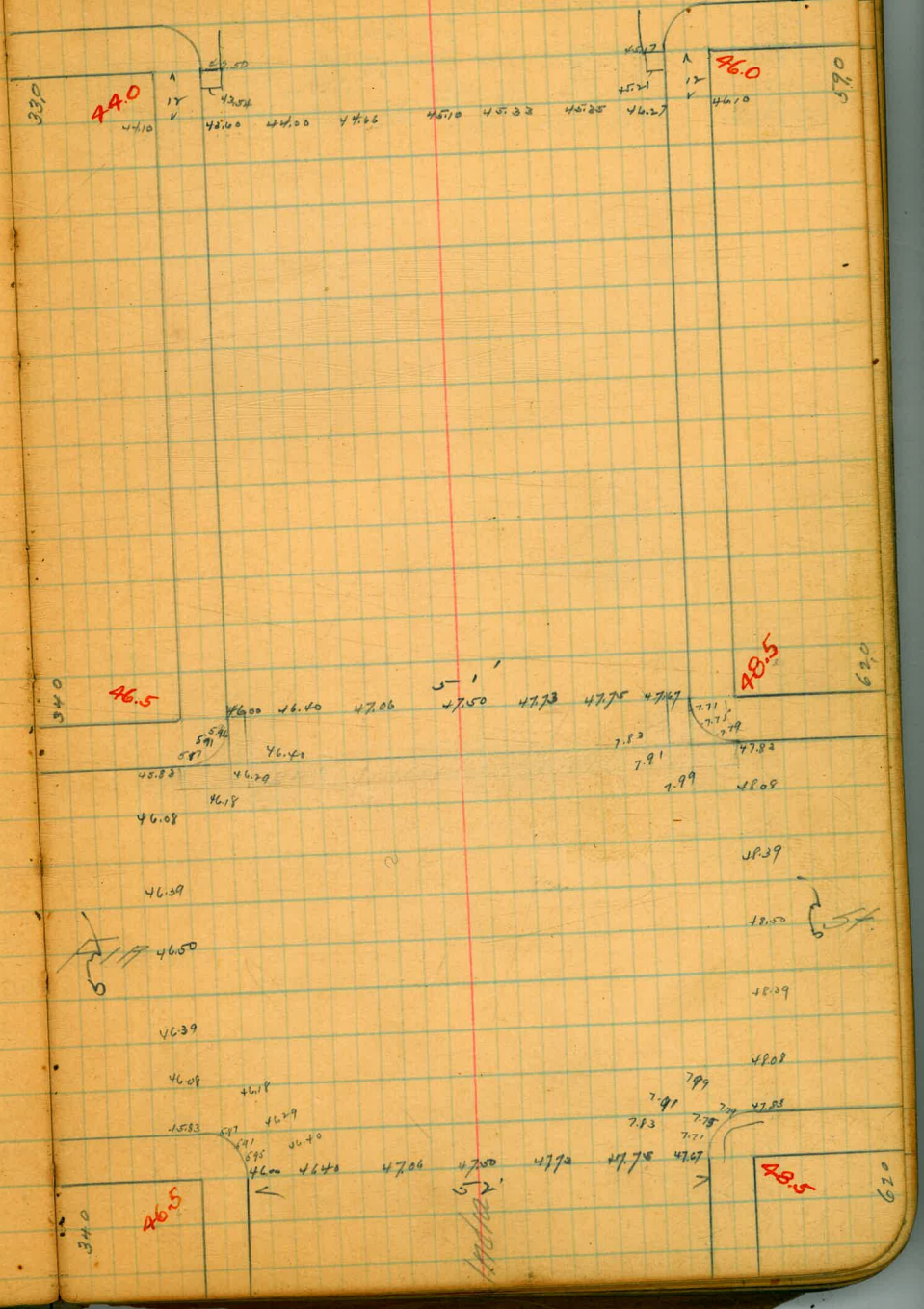


54

India

54

S.W. Fix St. 46.53 p/g.



44.99 - SW. Haw.

S.W. Grape St. 44.02 Plg.

44.99
3.20
48.19 HI

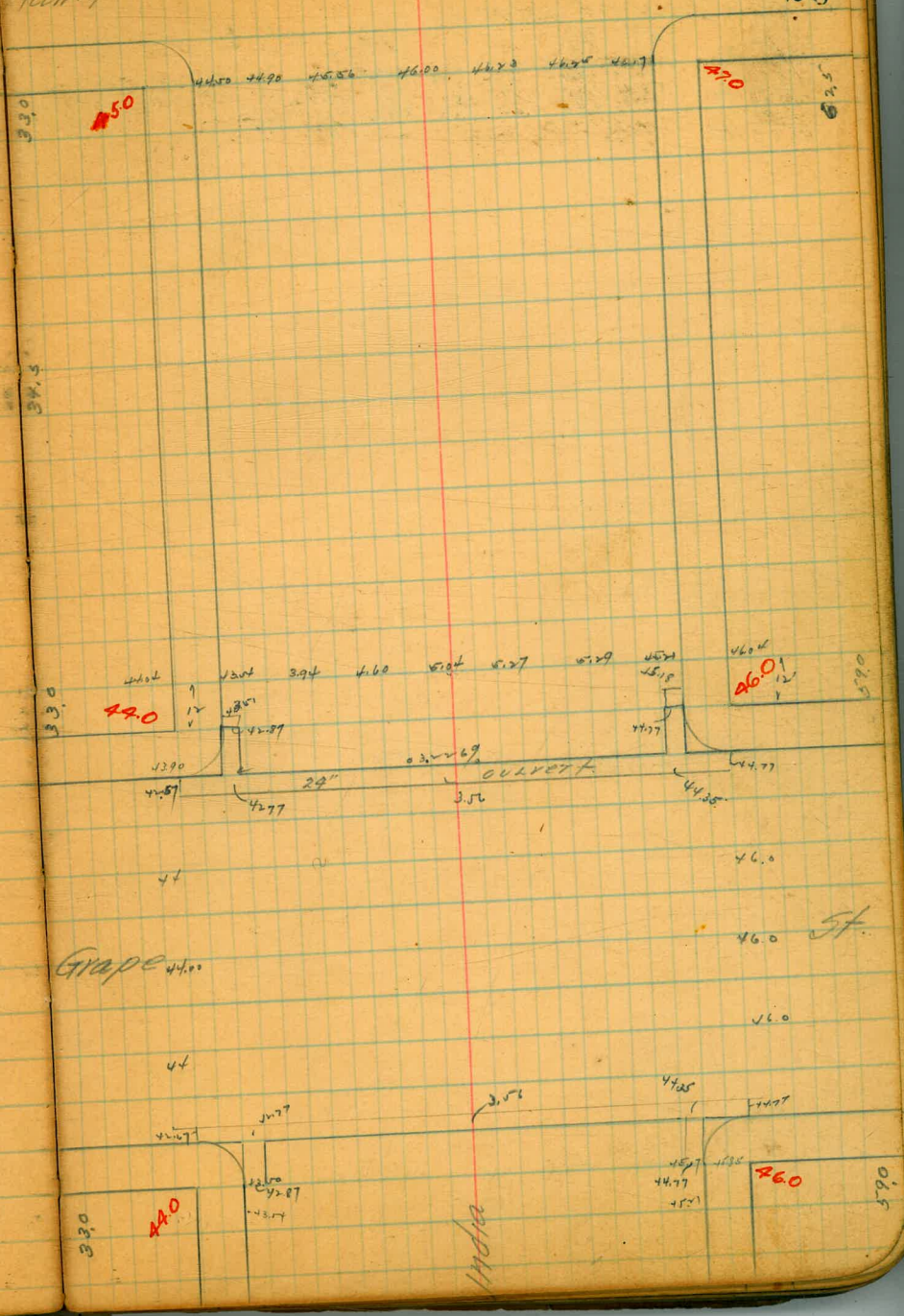
44.02
4.98
49.00 HI

6.18
50.20 HI

44.90 / 3.29 — 5.56 / 2.63 — 6.00 / 2.19 — 6.23 / 1.96 — 5.18 / 5.02 — 4.35 / 45.85 — 3.50 / 6.70

3.54 / 5.46 — 5.21 / 3.79 — 4.77 / 4.23 — 46.00 / 3.00 — 2.87 / 6.13 — 44.02 / 4.19 / 48.20 HI — 3.94 / 4.26 — 4.60 / 3.66 — 5.04 / 3.16 — 5.27 / 2.93 — 5.29 / 2.91

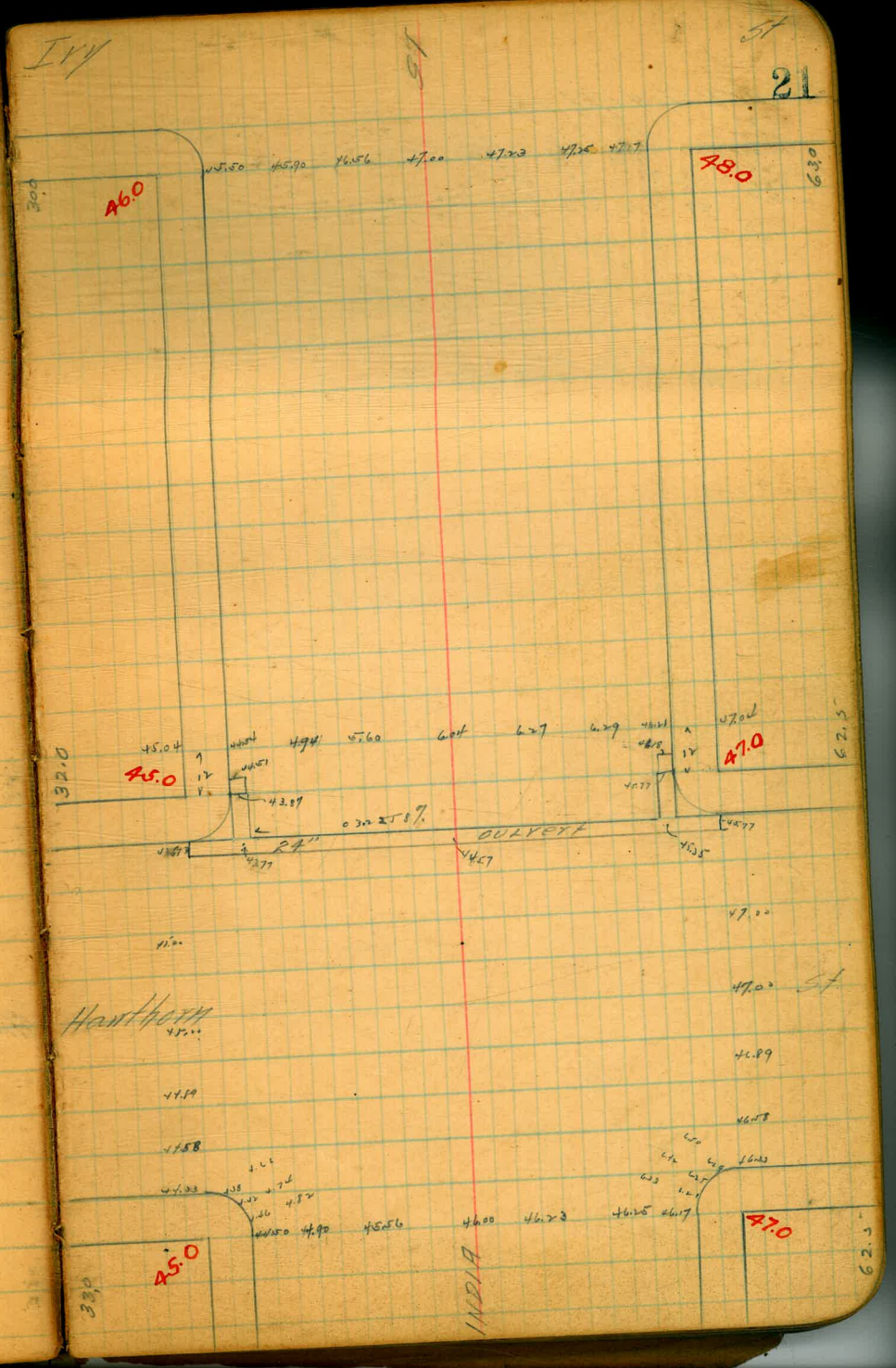
2.77 / 6.23 — 3.56 / 5.44 — 4.35 / 4.65 — 2.57 / 6.43 — 2.67 / 6.33 — 2.87 / 6.13



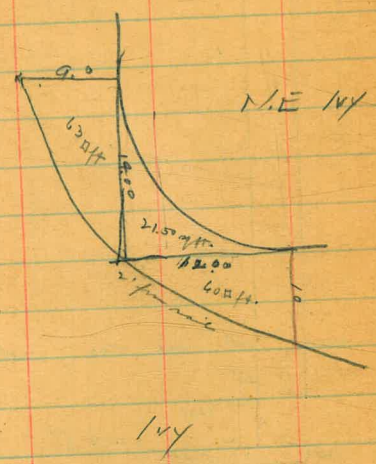
4588 SW Ivy.

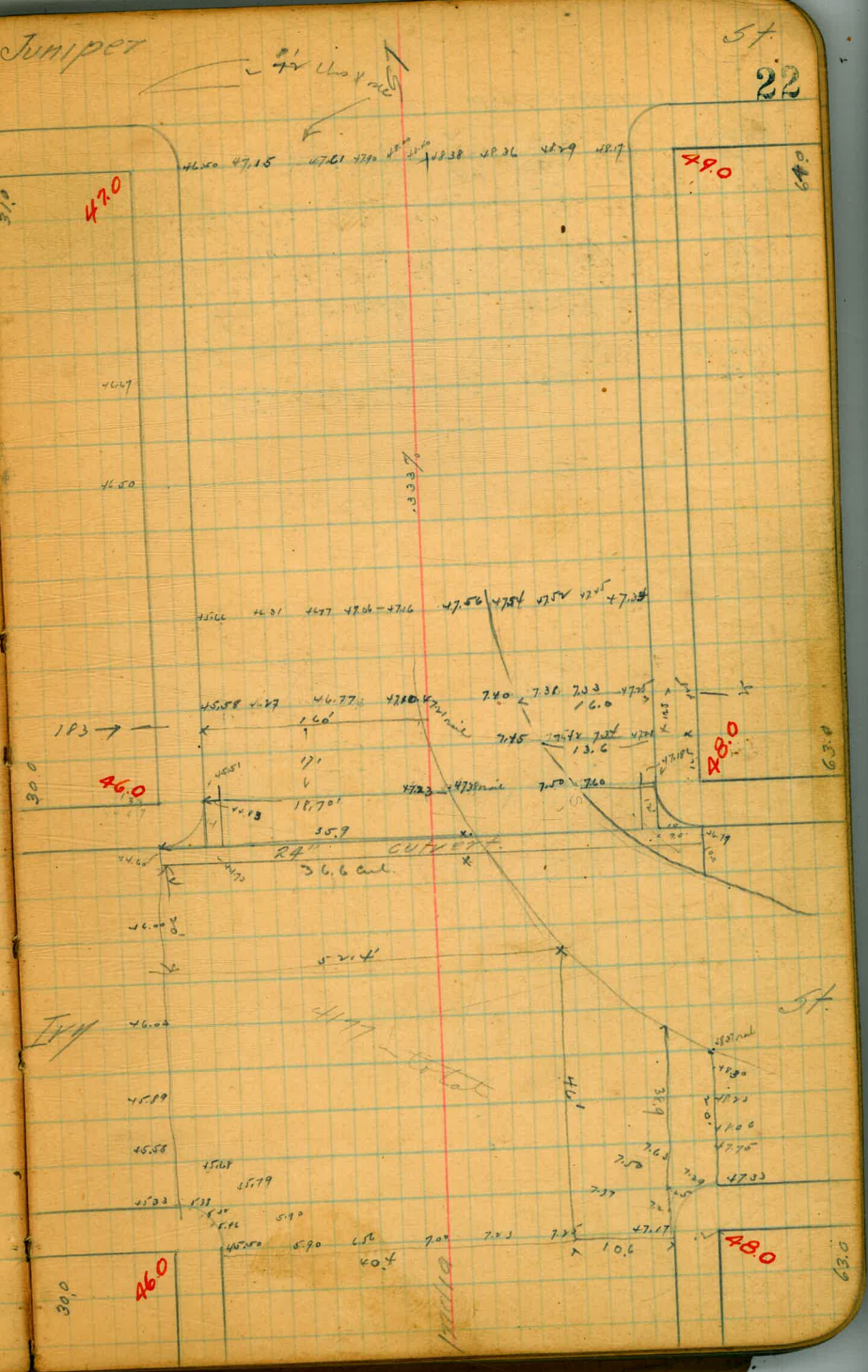
S.W. Hawthorn St. 44.99 P/g.

45.88	5.50	7.17				44.99	4.51	6.18	6.17	4.50	
4.76	5.14	3.40				6.70	7.18	6.51	5.52	7.19	
50.64 M1	4.94	5.66	6.04	6.27	6.29	51.69 M1	45.90	6.56	7.00	7.23	7.25
44.99	4.12	3.46	3.02	2.79	2.77	4.88	3.21	2.55	2.16	1.88	1.86
4.07	5.77	5.35	3.77	3.57	3.87	3.23	49.11 M1	5.35			
49.06 M1	4.03	4.45	6.03	6.23	5.93	4.57	4.45				
44.99						5.23					
4.81											
49.80 M1											



S.W. Ivy St. 4588 Pg.





SW Juniper. Plg 46.87

46.87
2.62
~~49.49~~ H1

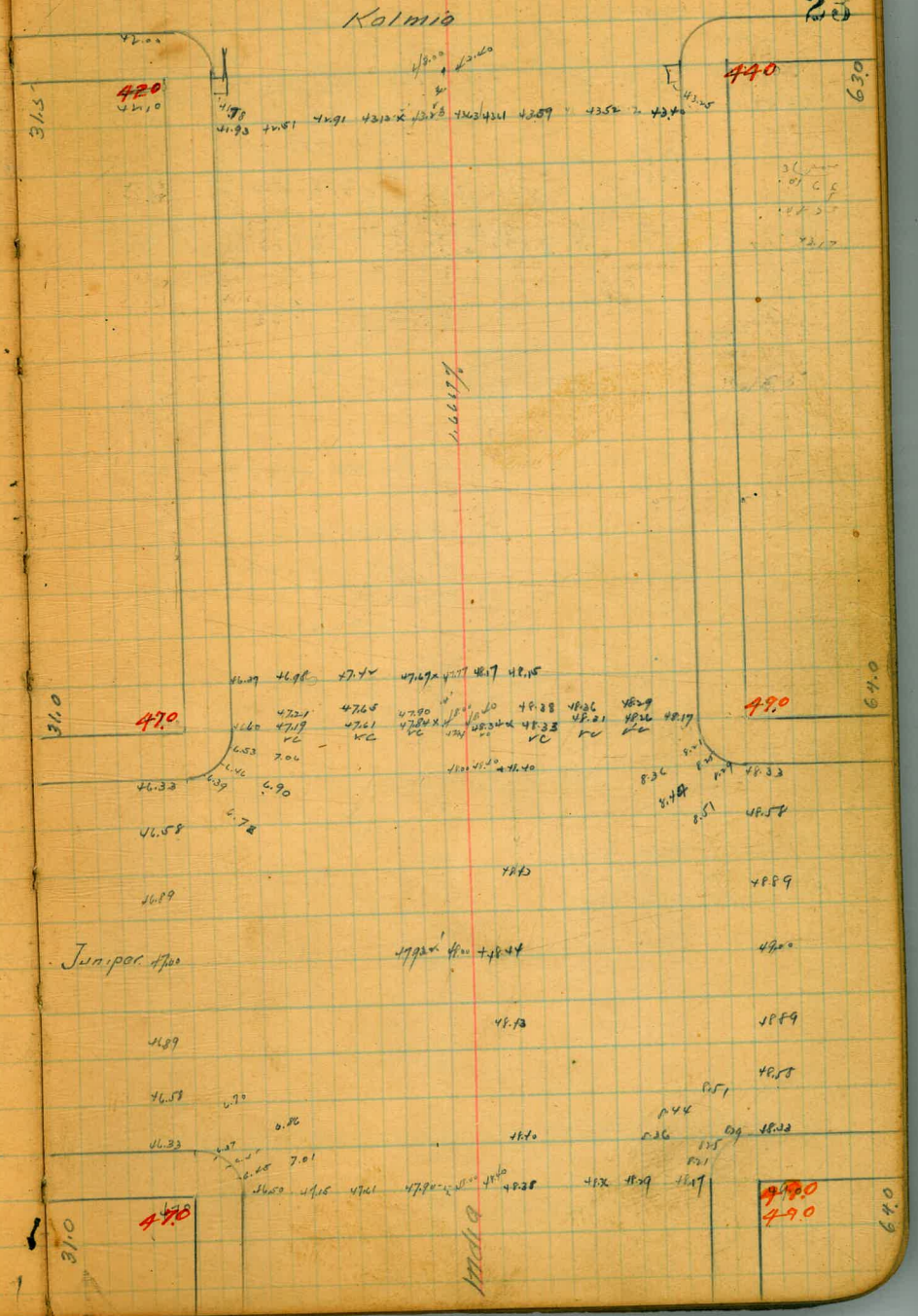
2.55
46.87
49.42 H1
2.97
~~46.45~~ Top Nut Hydt Site Kol.

8.37
46.45
~~49.82~~ H1

3.825
46.87
~~50.695~~ H1
~~49.25~~ H1

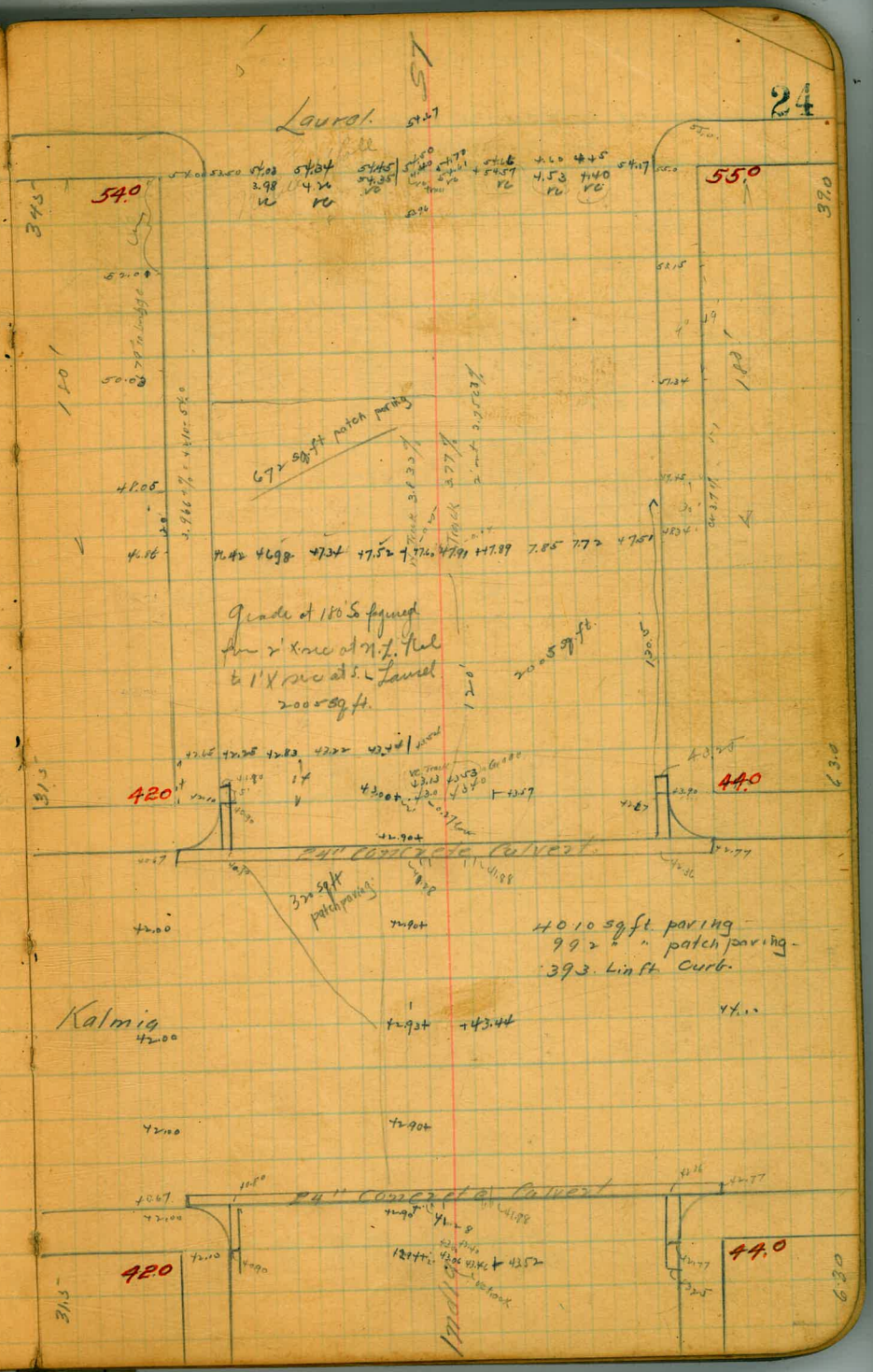
4.38
46.87
~~51.25~~ H1

46.87 Bu
5.26
52.13 H1



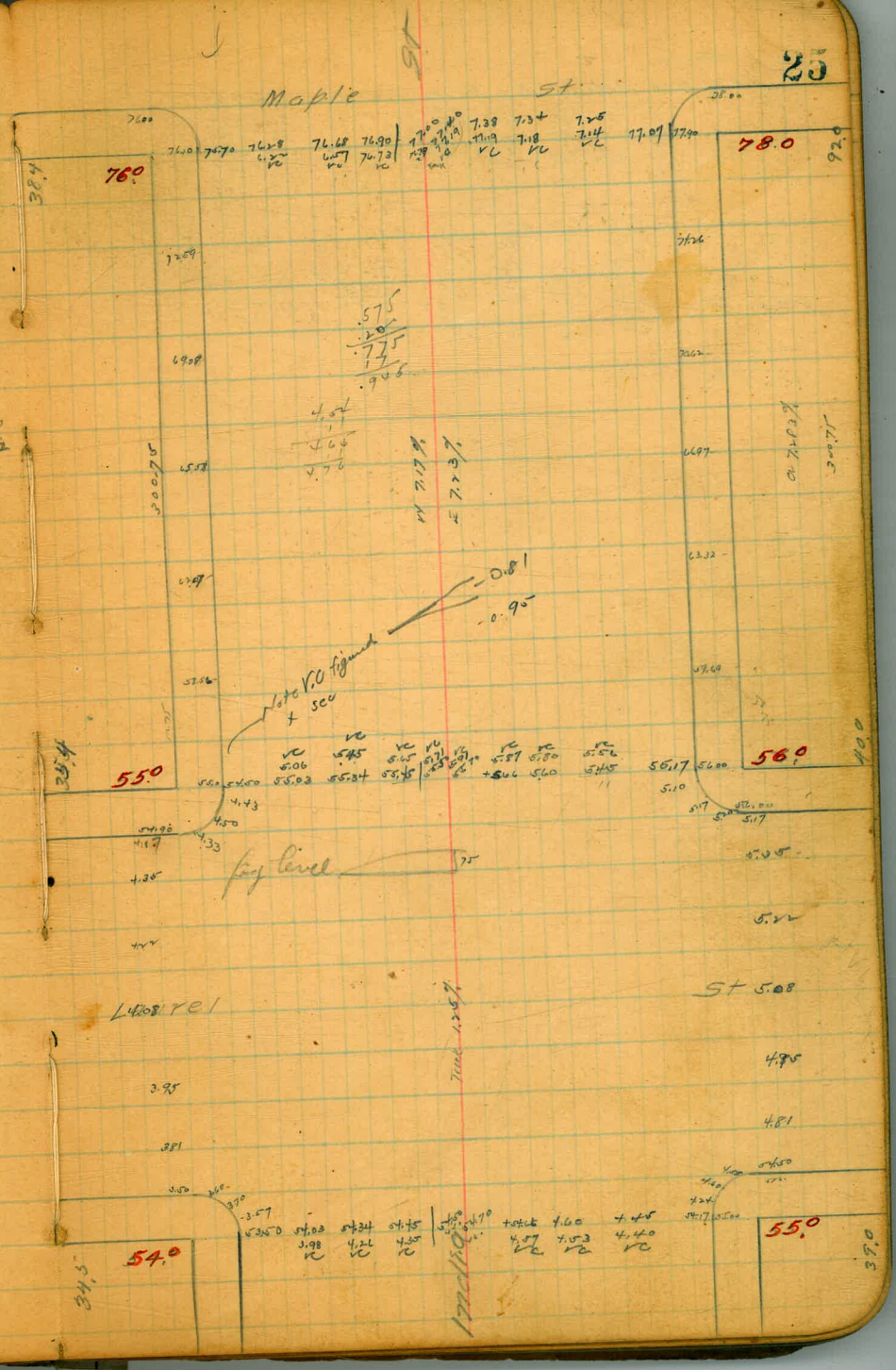
56.33 mon NE Laurel

46.45 Top bolt on Hyat SE Kal



Nail in Curb S.W. Maple 76.09

N.E. Cor. Laurel flush walk nr property brass plug in concrete mon — Elev. = 56.326



Maple

N.E. cor. bet. R.R. Spike Pole grd. Elev 78.995

78.99
8.70
87.69 HI
0.85
86.84 TP
12.91
99.75 HI

77.00
10.69
77.90 TP
7.08
84.98 HI

77.10
10.59
5.97
84.97

78.99
1.23
80.22 HI

9.28
8.41
1.44
6.25
3.61
4.08
4.77
1.92
87.93
11.82
90.10
9.65
79.28
5.67

78.90
6.07
81.07
3.90
76.00
4.22
77.00
3.22
77.10
79.12
80.22 HI

8.27
1.70
8.40
8.80
87.56
6.75
76.70
3.52
78.70
4.52
3.20

7.04
3.97
7.40
3.65
7.81
3.24
8.26
2.79
8.50
2.55
8.53
2.52
8.35
2.70

81.05 HI
94.78
96.09 HI
76.09 BM
4.22
80.31 HI

8.17
2.88
6.32
2.99
7.08
3.23
5.50
4.81

8.04
3.01
6.15
4.16
7.32
2.99
5.58
4.73

8.07
2.98
5.98
4.33
7.75
2.56
5.67
4.64

8.30
2.75
5.81
4.50
8.01
2.30
5.75
4.56

8.44
2.61
6.26
4.05
2.43
2.88
0.24
4.82

8.49
2.56
6.50
3.81
6.57
3.74
0.61
4.45

91.07
4.93
6.53
3.78
6.43
3.88

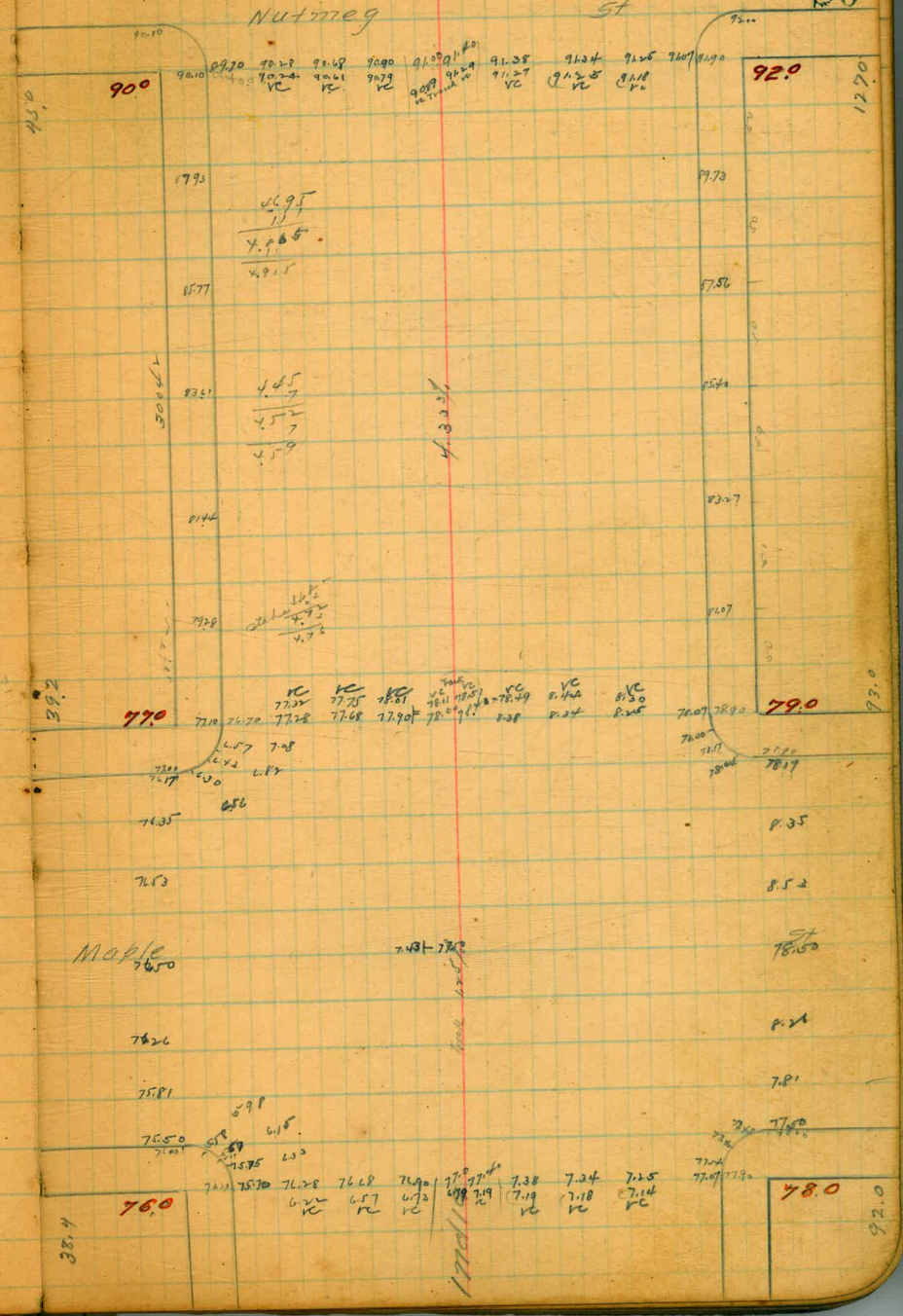
1.18
4.82
6.35
3.96
6.30
4.01

1.25
4.75
6.56
3.75
6.17
4.14

1.27
4.73
6.82
3.49

94.70
36
95.06 HI

0.79
4.27



99.91
103.33 HI
98.99
1.65
100.64 HI

94.70 Bm

N.E Nutmeg Spk 94.70

N.W. cor. Nutmeg hd. R.R. Spike. Pole grd. Elev 92.522

99.75 HI
93.72 T.P.
80.1
101.73 HI
1.18
95.11
94.28 HI
95.90
2.74
94.64 HI
94.70
0.09
94.79 HI.
98.99
3.41
102.40 HI
94.70 Bm.
1.13
95.83 HI

91.10 / 8.65 | 91.00 / 8.75 | 91.66 / 8.09 | 3.14 / 6.61 | 4.63 / 5.12 | 6.11 / 3.64 | 7.59 / 2.16 | 99.10 / 0.65 | 99.00 / 0.75

92.90 / 8.82 | 93.70 / 8.03 | 95.14 / 6.59 | 6.59 / 5.14 | 8.03 / 3.70 | 9.48 / 2.25 | 90.10 / 4.54

90.70 / 3.58 | 89.70 / 4.58 | 92.00 / 2.64 | 92.90 / 1.74 | 91.00 / 3.64 | 92.90 / 2.22 | 92.00 / 3.72 | 89.70 / 5.42

94.70
42
95.12 HI
1.81 / 2.98 | 1.50 / 3.29 | 1.45 / 3.04 | 1.40 / 3.39 | 1.14 / 3.65 | 10.89 / 4.04 | 0.26 / 3.97 | 0.28 / 3.95

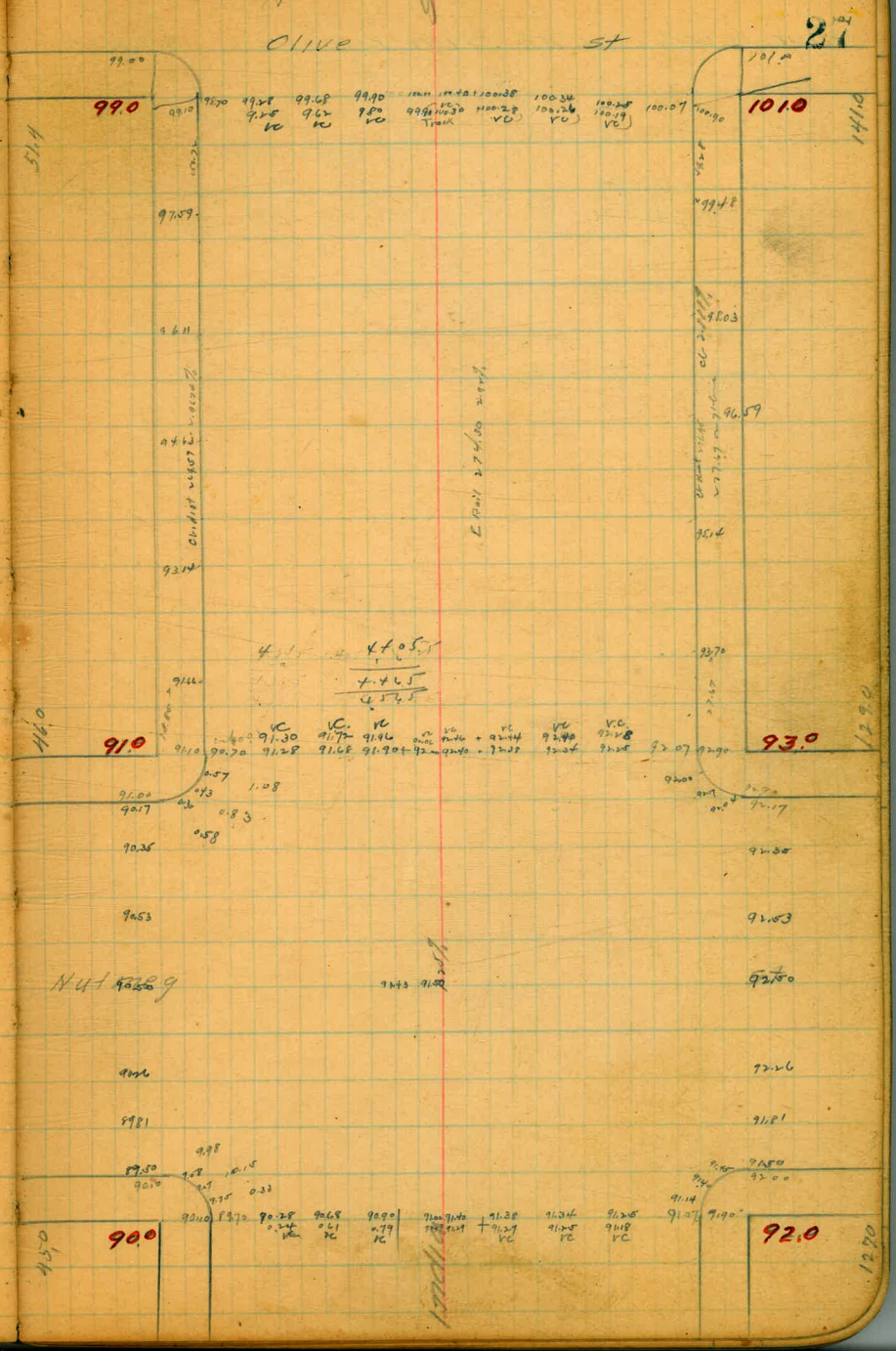
104.23 HI

9.25 / 3.15 | 9.62 / 2.78 | 9.80 / 2.60 | 1.96 / 3.87 | 1.72 / 4.11 | 1.30 / 4.53 | 1.43 / 4.40

0.79 / 5.04 | 0.61 / 5.22 | 0.24 / 5.59 | 1.08 / 4.75 | 0.33 / 5.50 | 1.5 / 5.68 | 9.98 / 5.85 | 9.81 / 6.02 | 0.26 / 5.57 | 0.50 / 5.33

0.53 / 5.30 | 0.35 / 5.48 | 0.58 / 5.25 | 0.83 / 5.00 | 1.08 / 4.75 | 9.75 / 6.08 | 9.67 / 6.16 | 9.58 / 6.25 | 9.50 / 6.33

0.17 / 5.66 | 0.30 / 5.53 | 0.43 / 5.40 | 0.57 / 5.26



olive - SW Cor. hd. RR Spike Pole grd. ~~99.407~~ 98.99

99.91 Palm SE plg in ch.
4.90
104.81 HI
99.10
3.29
102.39 HI
3.55
99.91
103.46 HI
98.99
4.76
103.75 HI
3.63
99.91
103.54 HI
98.99 BM
4.15
103.14 HI
98.99 BM
5.61
104.60 HI

98.10 1.71 | 98.00 6.81 | 8.21 6.53 | 8.47 6.34 | 8.65 6.16 | 8.84 5.97 | 9.02 5.79 | 99.10 5.71

99.00 5.81 | 97.71 5.25 | 100.44 3.02 | 100.62 2.84 | 100.80 2.66 | 100.90 2.56

100.26 3.20 | 101.00 2.46 | 99.48 3.98 | 100.90 2.56 | 101.00 2.46

98.70 3.69 | 100.07 4.16

98.99 BM ~~5.24~~ ~~104.23 HI~~

0.18 3.57 | 0.29 3.46 | 0.40 3.35 | 0.50 3.25 | 0.55 3.20 | 0.70 3.05 | 0.86 2.89 | 1.34 2.41 | 1.50 2.25

0.40 3.35 | 0.50 3.25 | 0.54 3.41 | 0.38 3.37 | 0.67 3.68 | 1.02 2.82 | 1.01 2.74 | 100.79 2.96

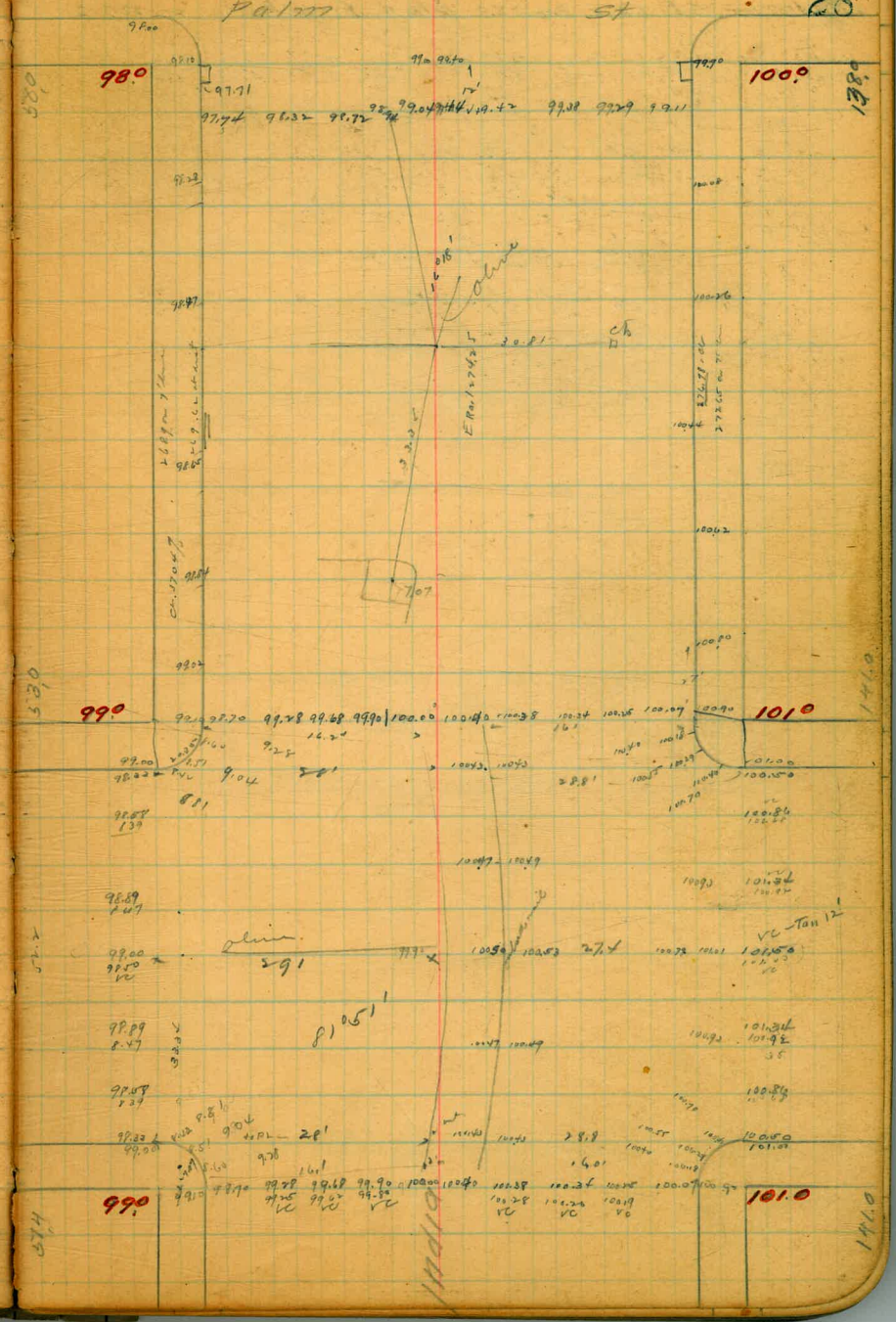
0.43 3.32 | 0.49 3.26 | 0.53 3.22 | 9.29 4.25 | 9.38 4.16 | 9.42 4.12

10394 HI | 98.32 5.62 | 8.72 5.22 | 8.94 5.00

99.90 3.24 | 9.68 3.46 | 9.28 3.86 | 9.25 5.35 | 9.62 4.98 | 9.80 4.80

9.90 4.70 | 9.28 5.32 | 9.04 5.56 | 8.81 5.79 | 8.39 6.21 | 8.47 6.13 | 8.50 6.10

8.60 0.00 | 8.51 6.09 | 8.42 6.18 | 8.33 6.27



Palm St cor. brass plug End Return 99.909

Quince St

101.0 103.0 102.0 104.0 98.0 100.0

24" Concrete Culvert

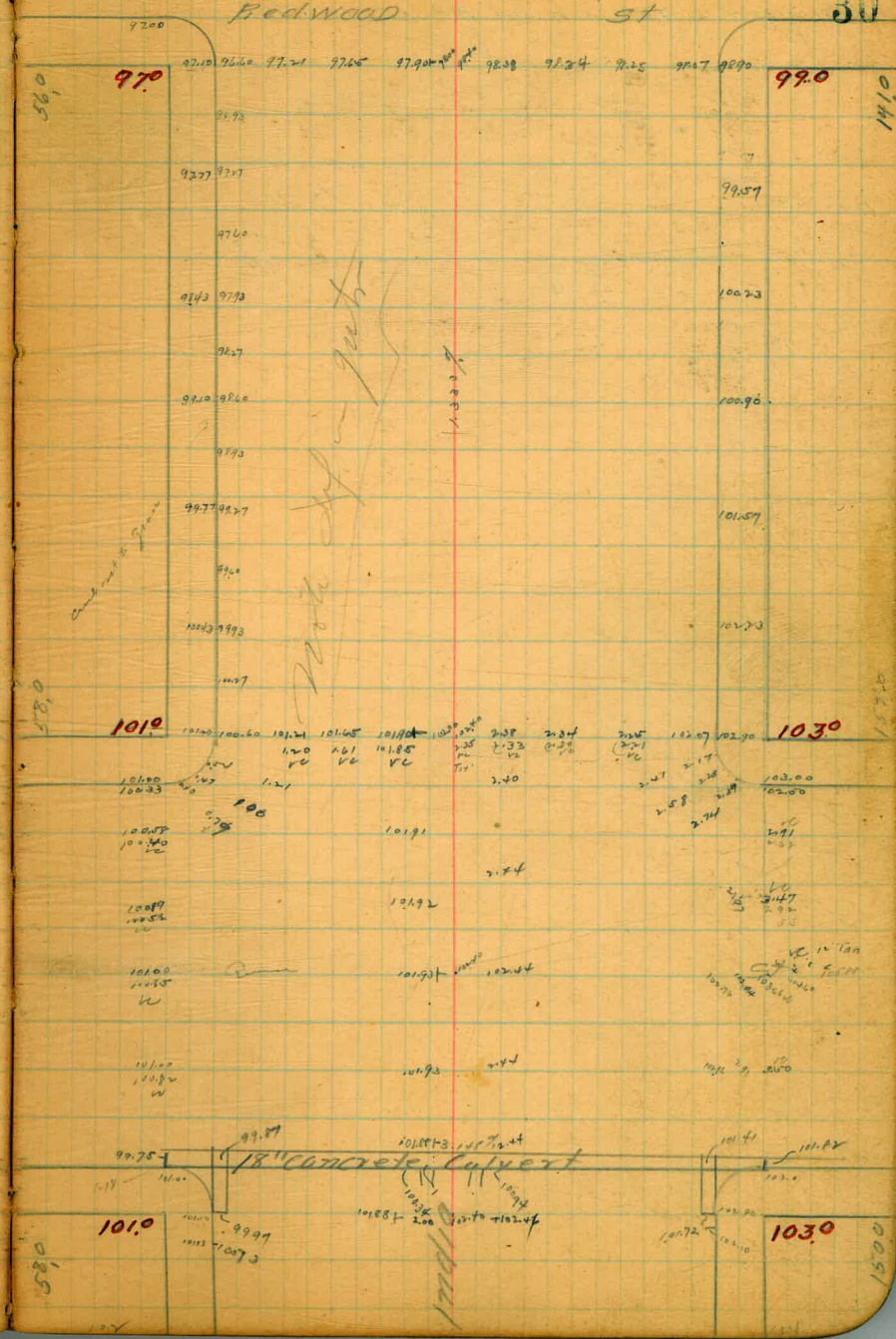
Palm St

24" Concrete Culvert

98.0 100.0

Quince St cor flush walk nr prop brass plug

1ft. concrete monument = 103.337



101.15 S.E Redwood Top bolt in hydt.

Redwood – N.W. Cor. hd. ~~RR~~ spike Pole grd. ~~95.81~~ 96.112

97.77 HI
11.67
86.10 TP
88.33 HI
86.05 TP
86.96
6.63
93.59 HI
1.70
97.89 TP
7.20
99.09 HI
101.15
0.77
~~101.92~~ HI
101.15
~~101.61~~ HI
90.11 HI
0.87
101.15
~~102.02~~ HI
101.15
102.01 HI

1.96 / 95.81 | 96.00 / 1.77 | 96.10 / 1.67 | 94.10 / 3.67 | 92.10 / 5.67 | 90.10 / 7.67 | 88.10 / 9.67 | 86.10 / 11.67
4.10 / 4.23 | 6.10 / 2.23 | 3.39 / 84.94 | 86.00 / 9.59 | 85.90 / 7.69 | 87.90 / 5.69 | 9.90 / 3.69 | 1.90 / 1.69
3.90 / 5.19 | 5.90 / 3.19 | 7.90 / 1.19 | 95.70 / 5.70 | 97.07 / 4.33 | 7.81 / 3.80 | 7.20 / 4.41 | 7.27 / 4.34 | 7.30 / 4.31
101.15 / 0.25 / 101.40 HI | 99.00 / 2.92 | 98.00 / 3.92 | 96.00 / 5.92
8.35 / 3.26 | 8.53 / 3.88 | 8.50 / 3.11 | 8.26 / 3.35 | 7.13 / 4.58 | 7.25 / 4.36 | 7.37 / 4.24 | 7.50 / 4.11 | 3.71 / .90
8.17 / 3.44 | 8.12 / 3.49 | 8.07 / 3.54 | 8.01 / 3.60 | 8.71 / 2.90 | 5.94 / 3.79 | 5.90 / 3.83 | 5.81 / 3.92 | 85.27 / 4.46 | 85.63 / 4.10
5.46 / 4.65 | 5.24 / 4.87 | 4.84 / 5.27 | 6.80 / 5.22 | 6.61 / 5.41 | 6.25 / 5.77 | 6.32 / 5.70
86.96 / 2.77 / ~~89.73~~ HI
97.90 / 4.12 | 7.65 / 4.37 | 7.21 / 4.81 | 7.10 / 4.92 | 6.85 / 5.17 | 6.60 / 5.42 | 5.97 / 6.05

7

Spruce St

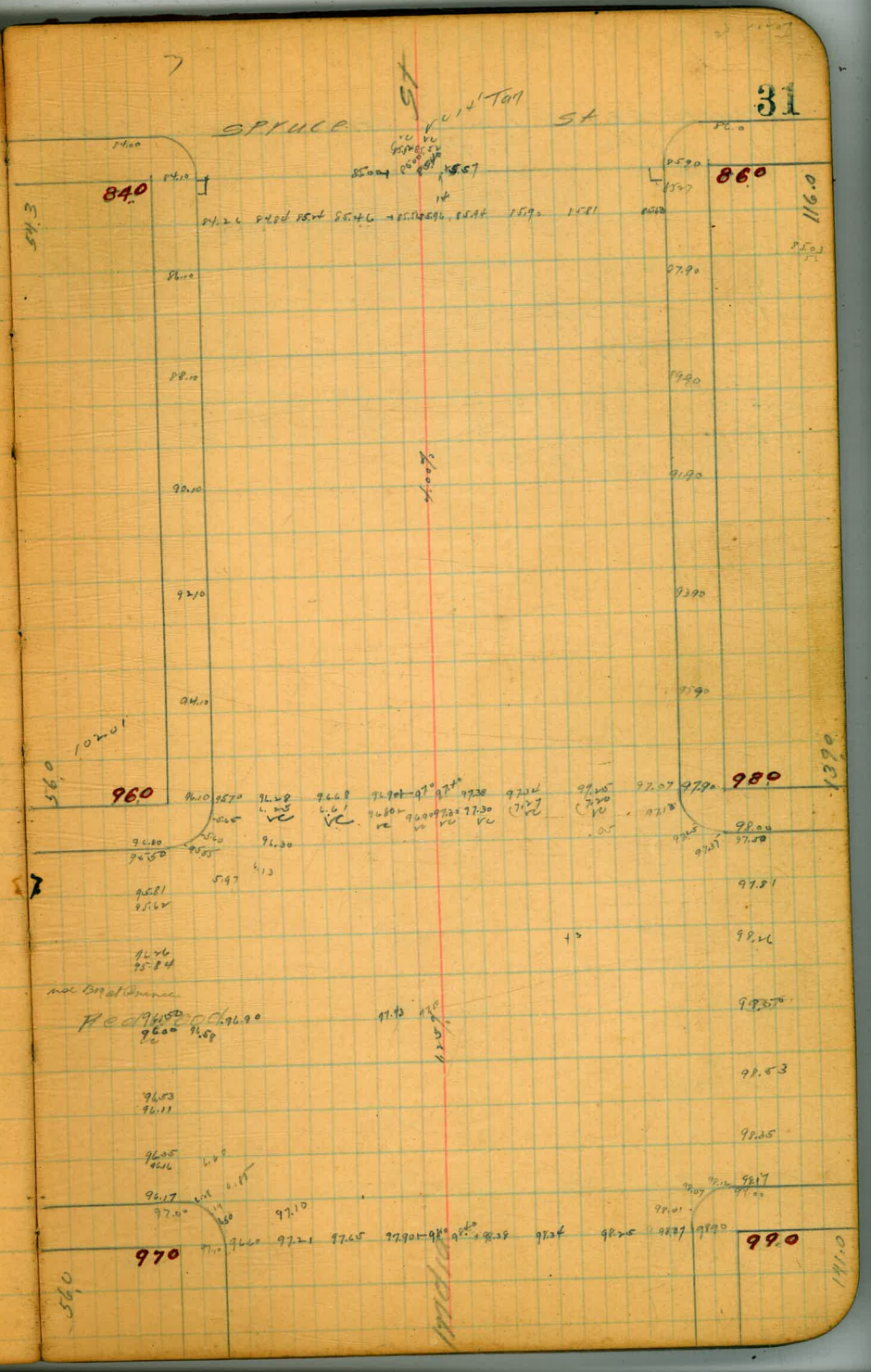
Cut 1' Tan

84.0 | 86.0 | 96.0 | 98.0 | 97.0 | 99.0

84.26 84.84 85.24 85.46 85.96 85.94 85.90 85.81

4.00%

Redwood

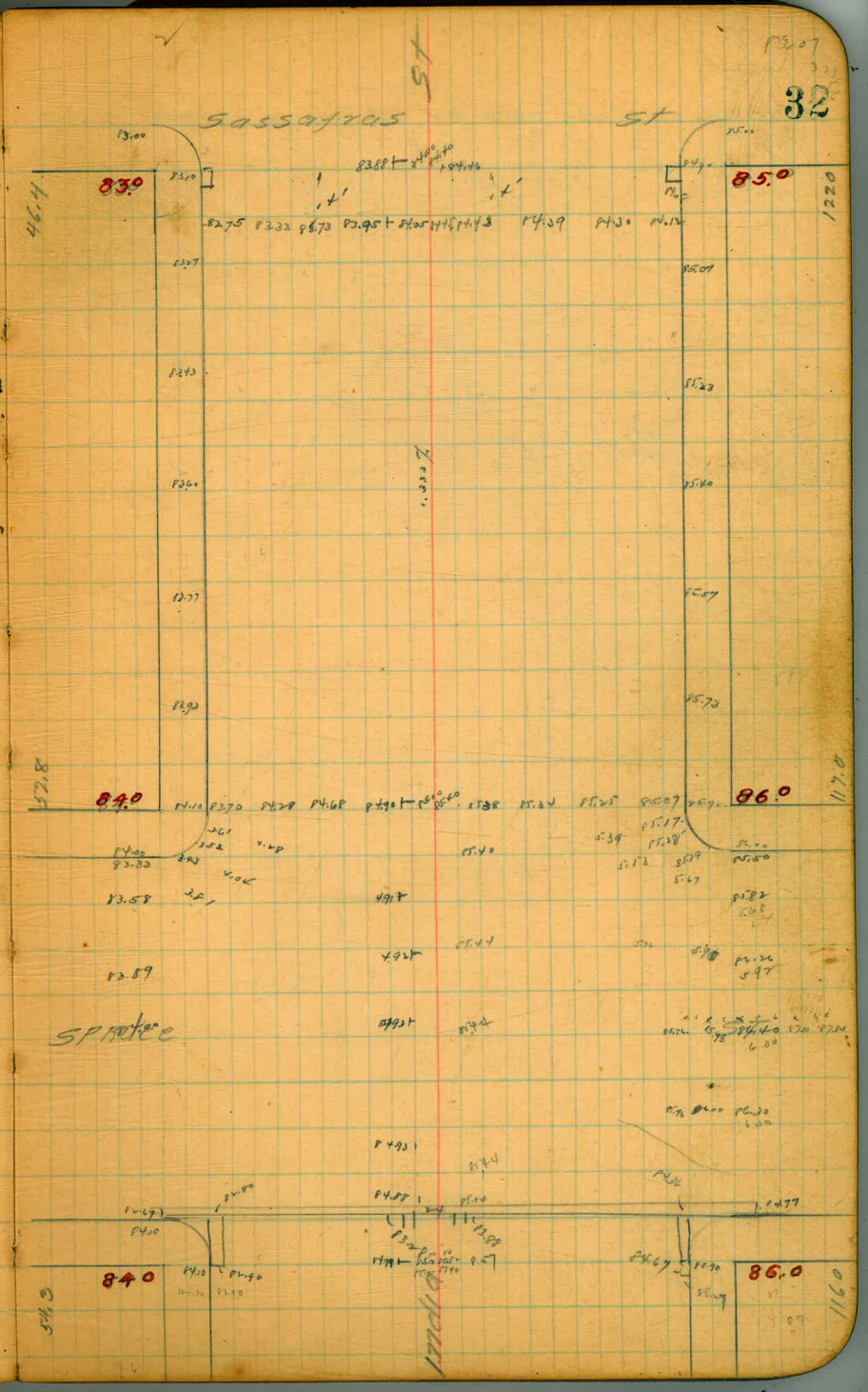


Midland

56.0 | 116.0 | 139.0 | 141.0

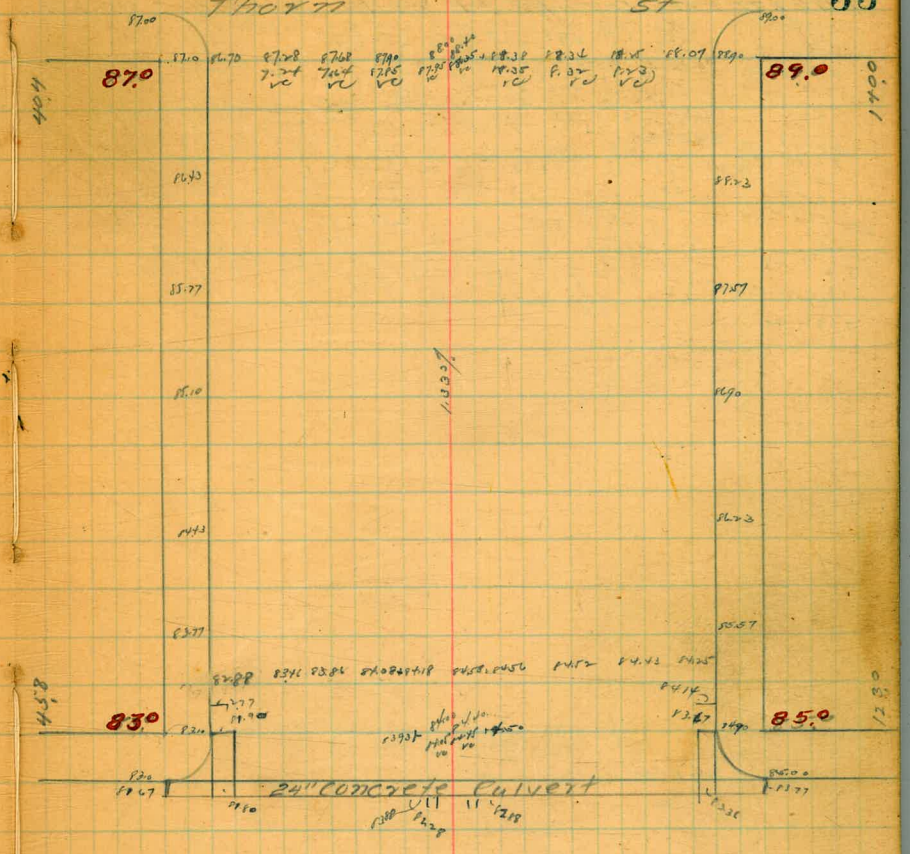
86.96 Spk N.E Spruce

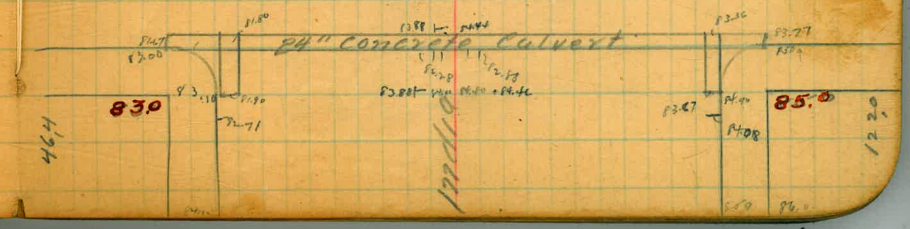
Spruce S.E. cor pd RR spike Poleqrd. 86.419



NE Spk 86.16

Sassafras - SE. cor Rd. RR. Spike Pole grd 85.51

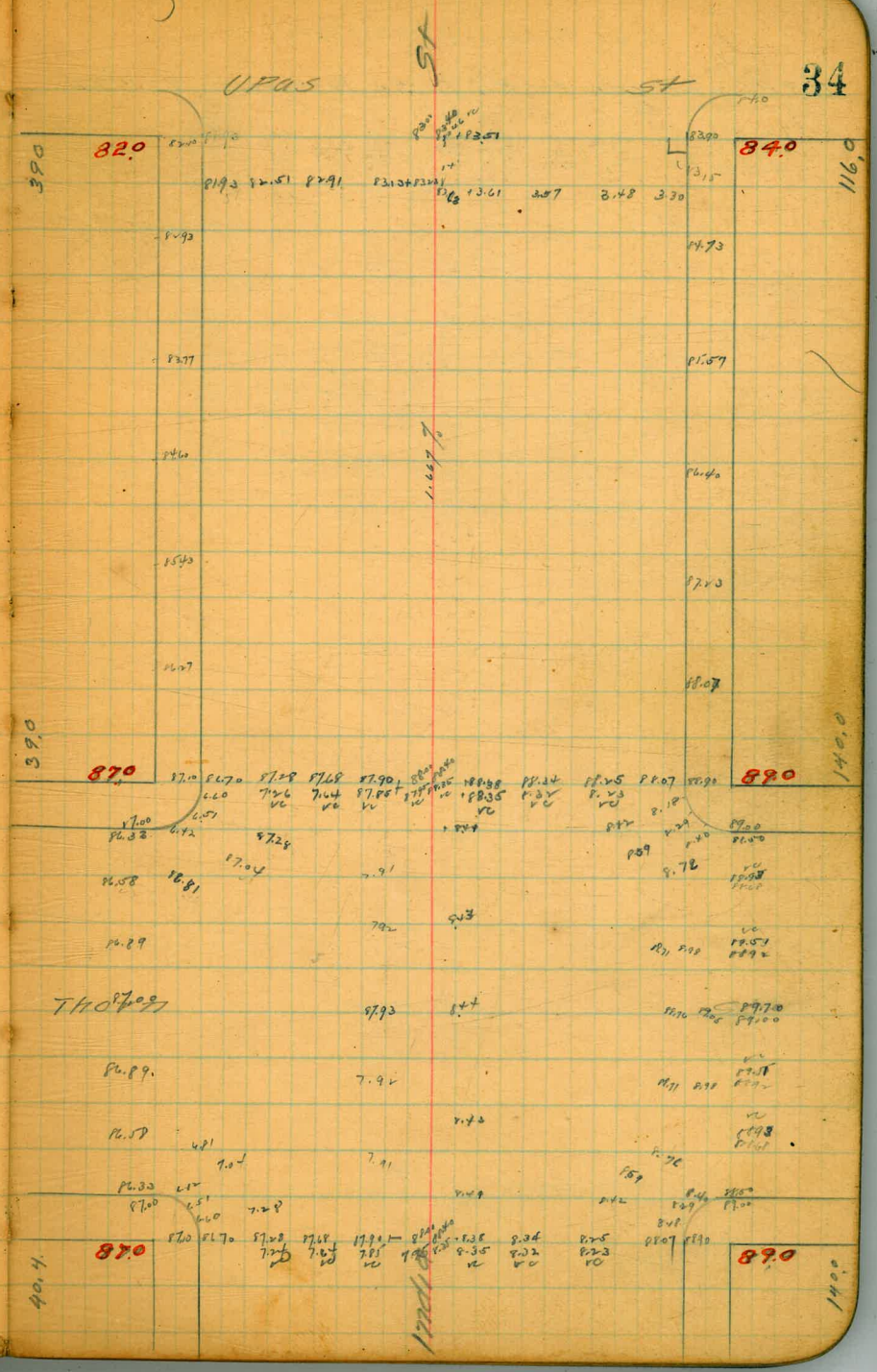




89.11 NE Thorn

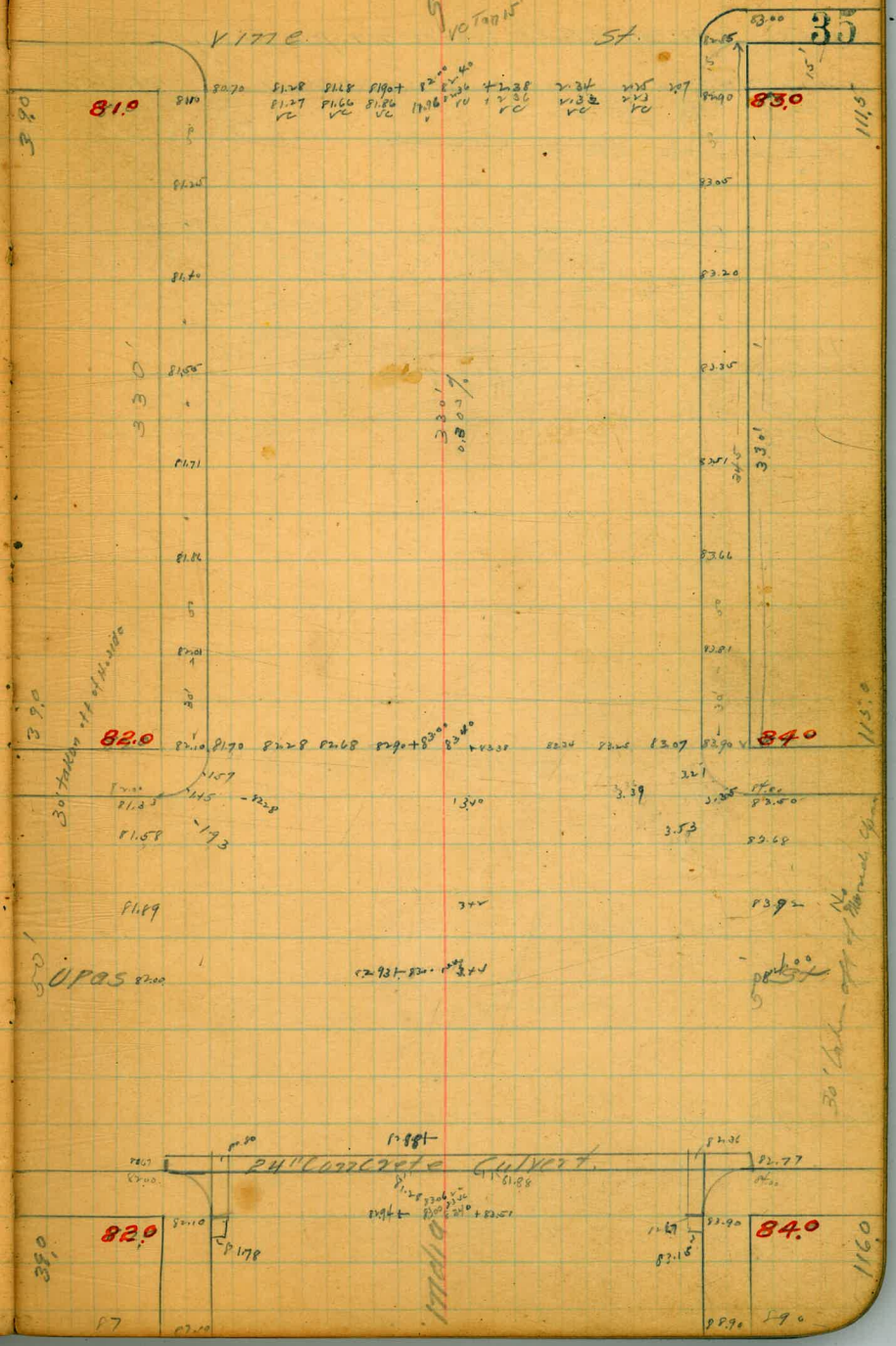
Thorn SE cor hd. BB spike Pole grd 89.521

82.10 T.P. 7.38	82.80 7.37	2.93 6.55	3.77 5.77	4.60 4.88	5.43 4.05	6.27 2.21	7.10 2.38	90.93 HI	87.10 3.83			
~~89.48 HI~~	6.27 3.39	5.43 4.23	4.60 5.06	3.77 5.89	2.93 6.73	2.10 7.56	8.07 1.24	8.90 0.41				
~~89.66 HI~~	84.00 5.31	83.90 5.41	4.73 4.58	5.57 3.74	6.40 2.91	7.23 2.08						
89.31 HI.	89.26 3.26	89.00 3.37	87.00 5.37	84.2 3.13	89.59 2.96	8.76 2.79	8.93 2.62	9.51 2.04	9.70 1.85			
88.90 2.19	87.37 HI											
~~91.09 HI~~	84.6 2.79	85.9 2.96	84.2 3.13	84.4 3.14	84.3 3.12	84.4 3.11	3.15 3.67	3.61 3.21	3.57 3.25	3.48 3.34		
91.55 HI	8.71 2.84	8.98 2.57	8.76 2.79	9.05 2.50	8.71 2.84							
86.27 0.58	7.85 1.82	7.64 2.03	7.26 2.41	3.13 6.54	2.91 6.76	2.51 7.16	7.85 5.07	7.64 5.28	7.28 5.64	7.04 5.88		
86.82 HI	6.81 6.11	6.58 6.34	6.89 6.03	7.0 5.92	7.24 5.68	7.64 5.28	7.85 5.07	7.91 5.01	7.92 5.00	7.93 4.99		
86.27 3.40	6.60 6.32	6.51 6.41	6.42 6.50	6.33 6.59								
89.67 HI												
89.11 Bm 3.81												
92.92 HI												



86.27 - Top bolt on Hydt S.E Upas

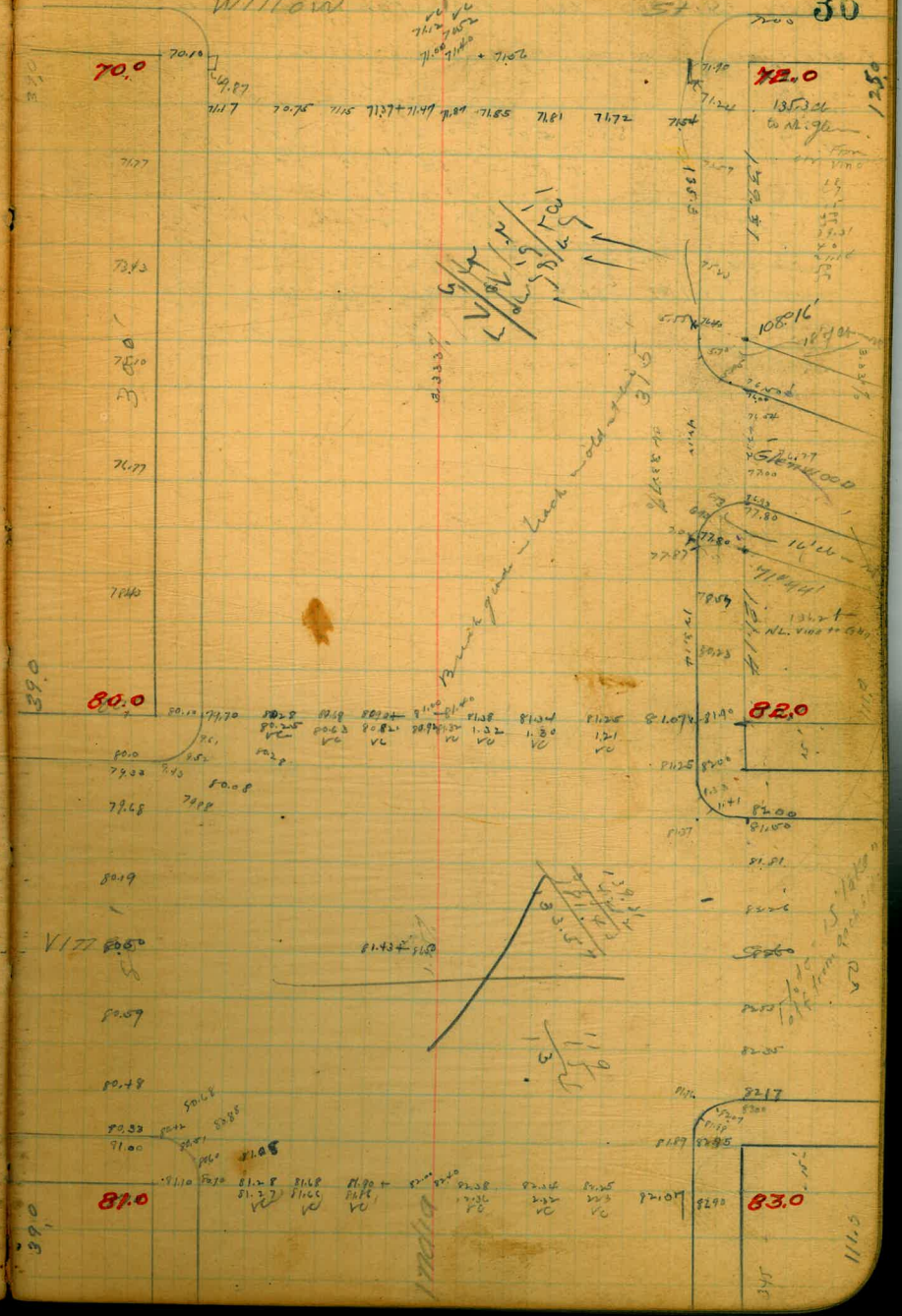
UPAS NE cor bd. RR Spike Polegrd 83.592



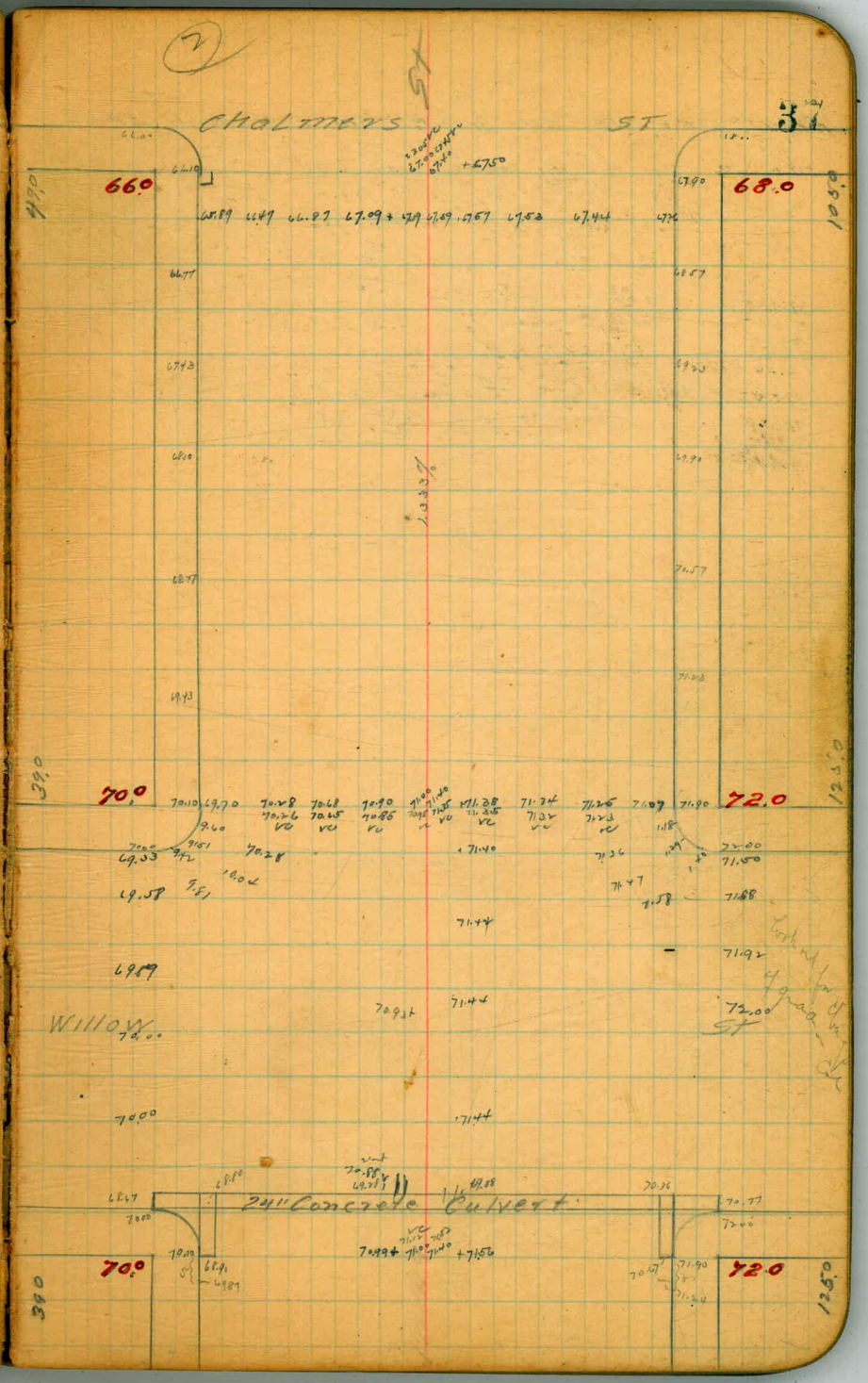
Vine SW cor flush walk nr. property

brass plug in concrete monument

81.07
81.058



Willow SE cor. hd. Spike Pole grd 73.95 72.325



SW Spk 67.05

Chalmers - SE cor hd. RR. Spike Polegrd 68.293

67.05
18.17
77.22 HI

79.65 HI

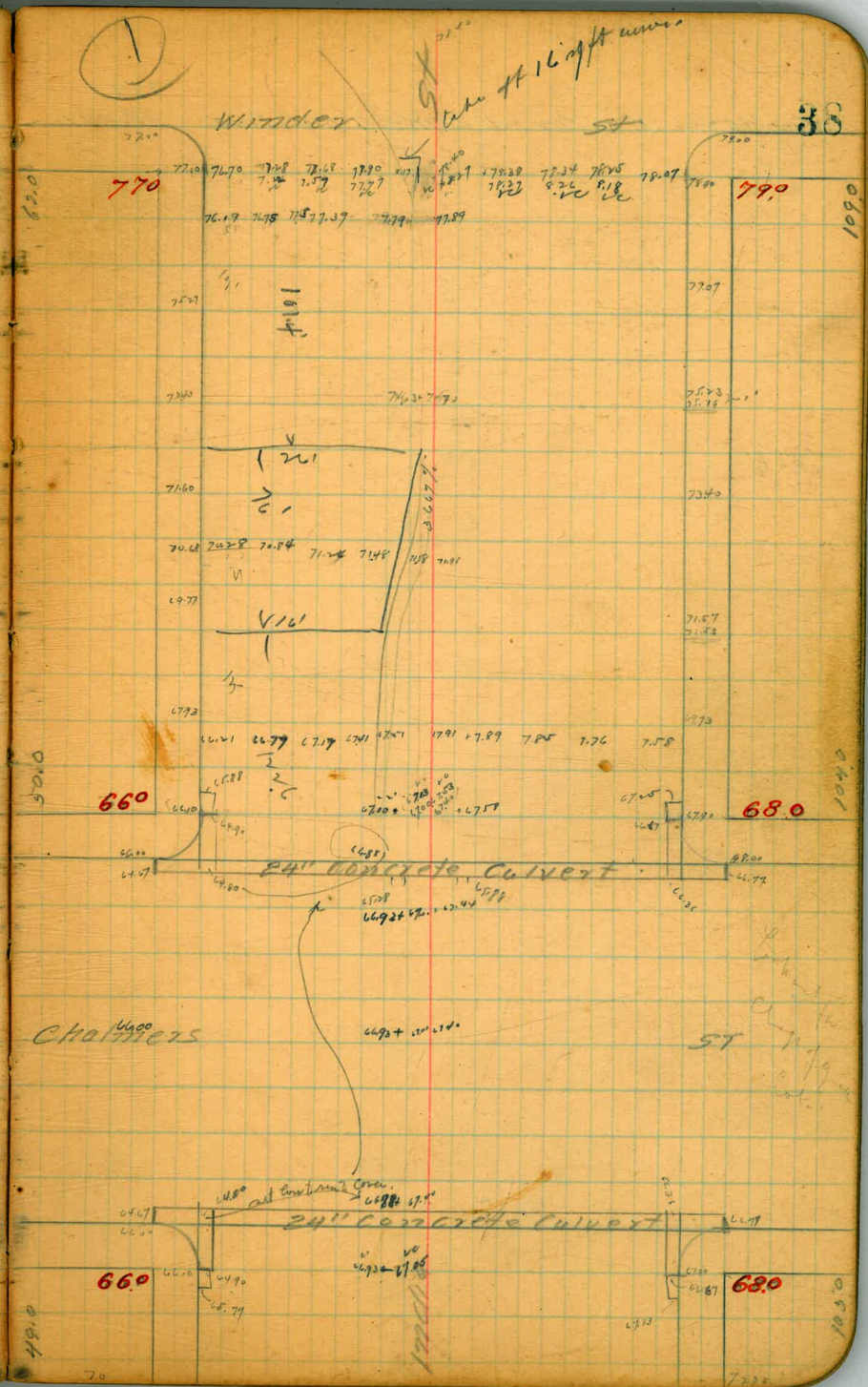
77.96
2.64
80.60 HI

67.05 Bm
4.55
71.60 HI

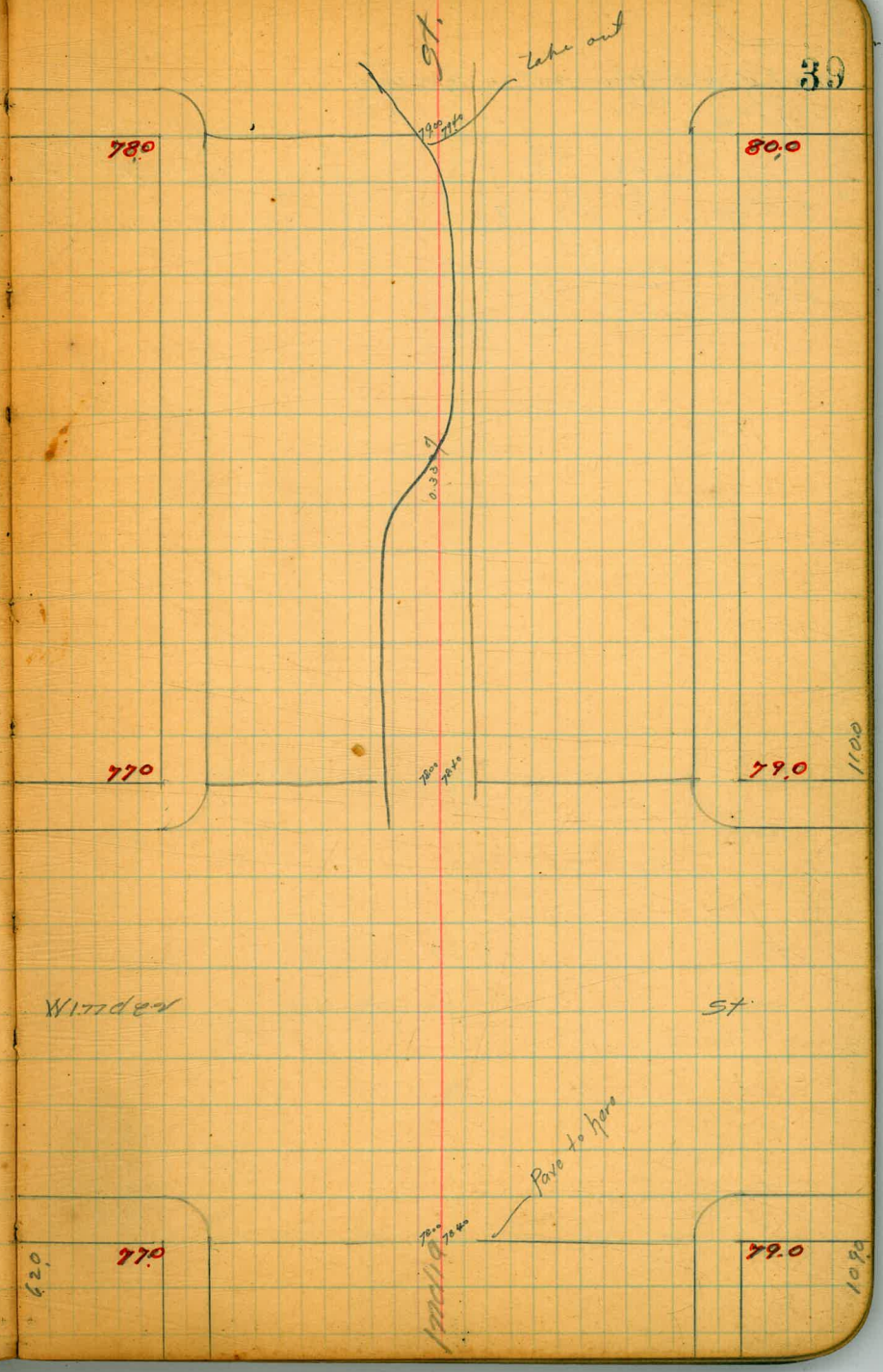
67.05
77.96
5.30
83.26 HI

67.05
8.52
75.58 HI

67.05
4.34
71.39 HI



Winder – N.W. cor hd spike. 1' high Pole. 7796 78.091



288.87 NW Rob. 287.01 NW Univ.

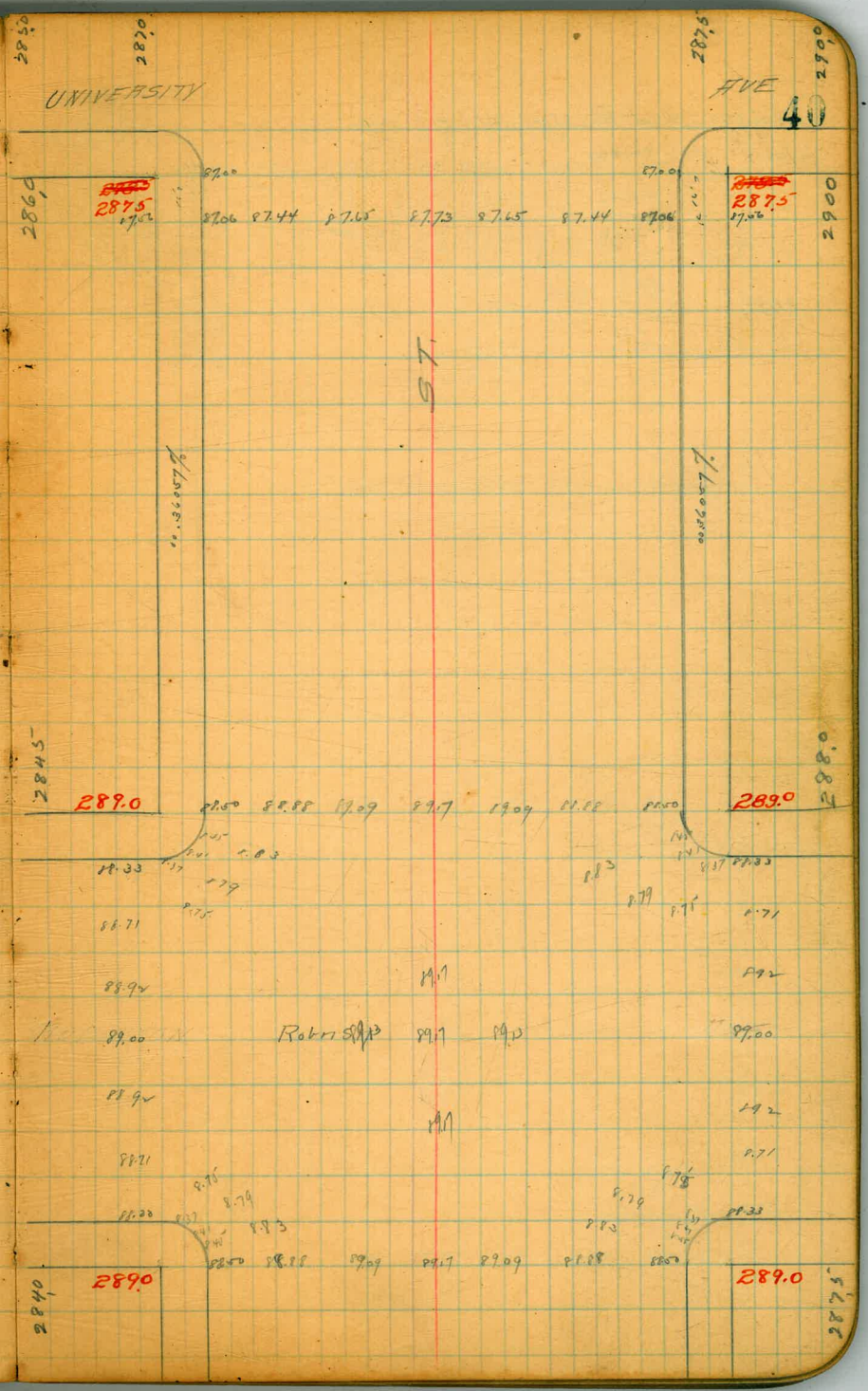
4.9 / 292.9 H1 — 88.50 / 4.47 — 5.06 / 292.07 H1 — 7.06 / 5.01 — 5.69 — 8.71 / 5.06 / 5.73 — 8.92 / 4.85 / 5.52 — 9.00 / 4.77 / 5.44

88.87 / 4.90 / 93.77 H1 — 88.88 / 4.89 — 89.09 / 4.68 — 89.17 / 4.60 — 8.83 / 4.94 / 5.67 — 8.79 / 4.98 / 5.65

8.75 / 5.02 / 5.69 — 8.79 / 4.98 / 5.65 — 8.83 / 4.94 / 5.67 — 8.88 / 4.89 / 5.56 — 89.09 / 4.68 / 5.35 — 89.17 / 4.60 / 5.27

87.01 / 5.45 / 92.46 H1 — 8.33 / 5.44 — 8.37 / 5.40 — 8.41 / 5.36 — 8.45 / 5.32 — 9.17 / 4.60 / 5.27

87.44 / 5.02 — 87.65 / 4.81 — 87.73 / 4.73

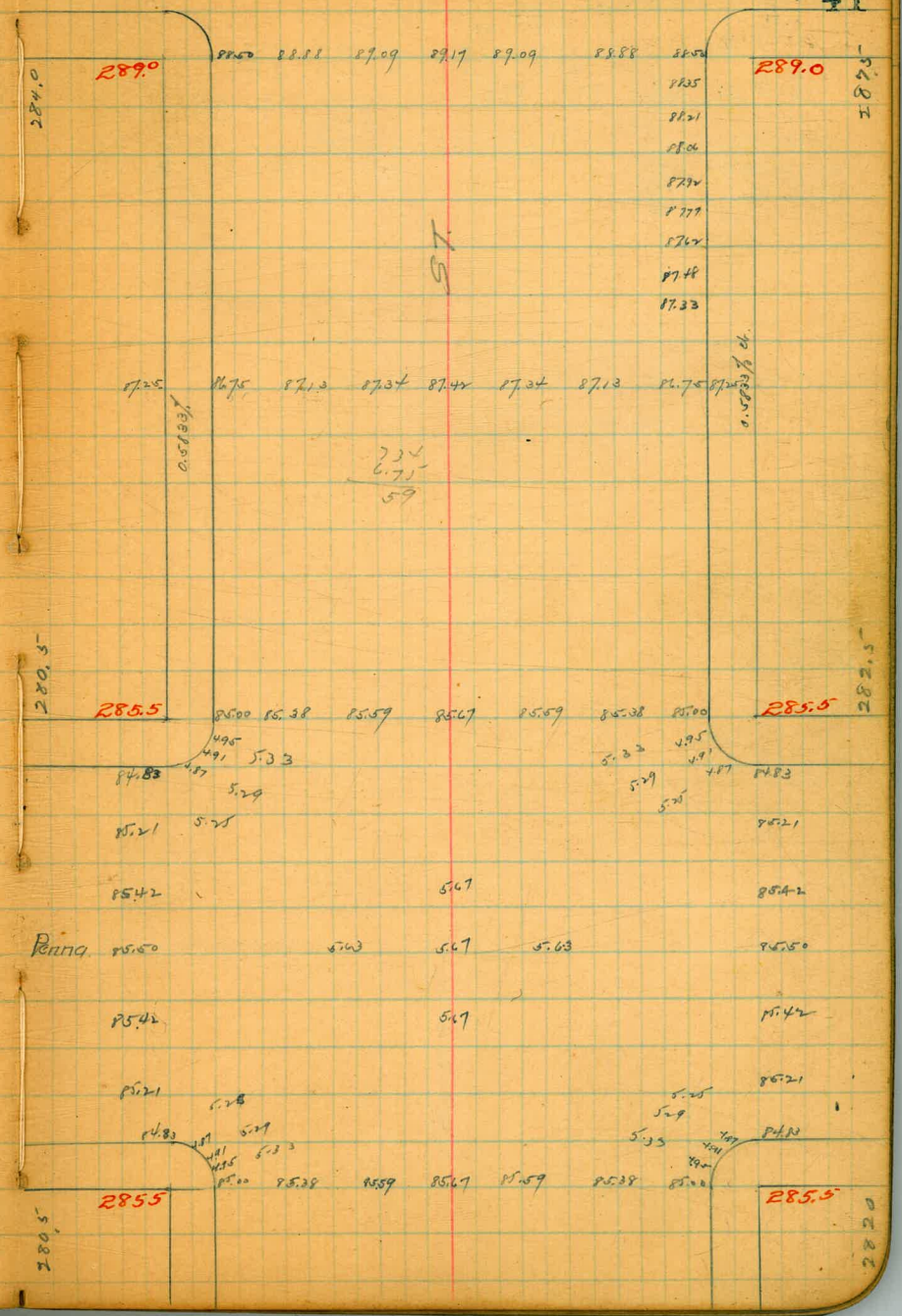


285.355 N.W. Pa. 85.00 8.35 8.21 8.06 7.92 7.77 7.62 7.48 7.33
456 4.91 4.62 4.76 4.91 5.05 5.20 5.35 5.49 5.64
~~289.91~~ H.1 ~~92.97~~ H.1 5.38 5.59 5.67 87.13 87.34 87.42
5.05 5.02 4.81 4.73 3.27 3.06 2.98
90.40 H.1 88.87 4.36 93.23 H.1 88.88 4.35 89.09 4.14 89.17
85.35 Bm. 5.38 5.33 5.29 5.25 5.21 5.42 5.50 5.59 5.67
395 3.92 3.97 4.01 4.05 4.09 3.88 3.80 3.71 3.63
87.30 H.1 67 67 67 67 67 67 67 67 67
4.59 4.64 4.68 4.72 4.76 4.55 4.47 4.38 4.30
5.63 5.67
3.67 3.63 4.83 4.87 4.91 4.95 4.53 4.15
~~85.35~~ 88.87 4.34 4.47 4.43 4.39 4.35 3.8 3.1
4.34 9.09 4.12 6.05 59 5.46 4.15 1.7 4.82
93.21 H.1

Robinson

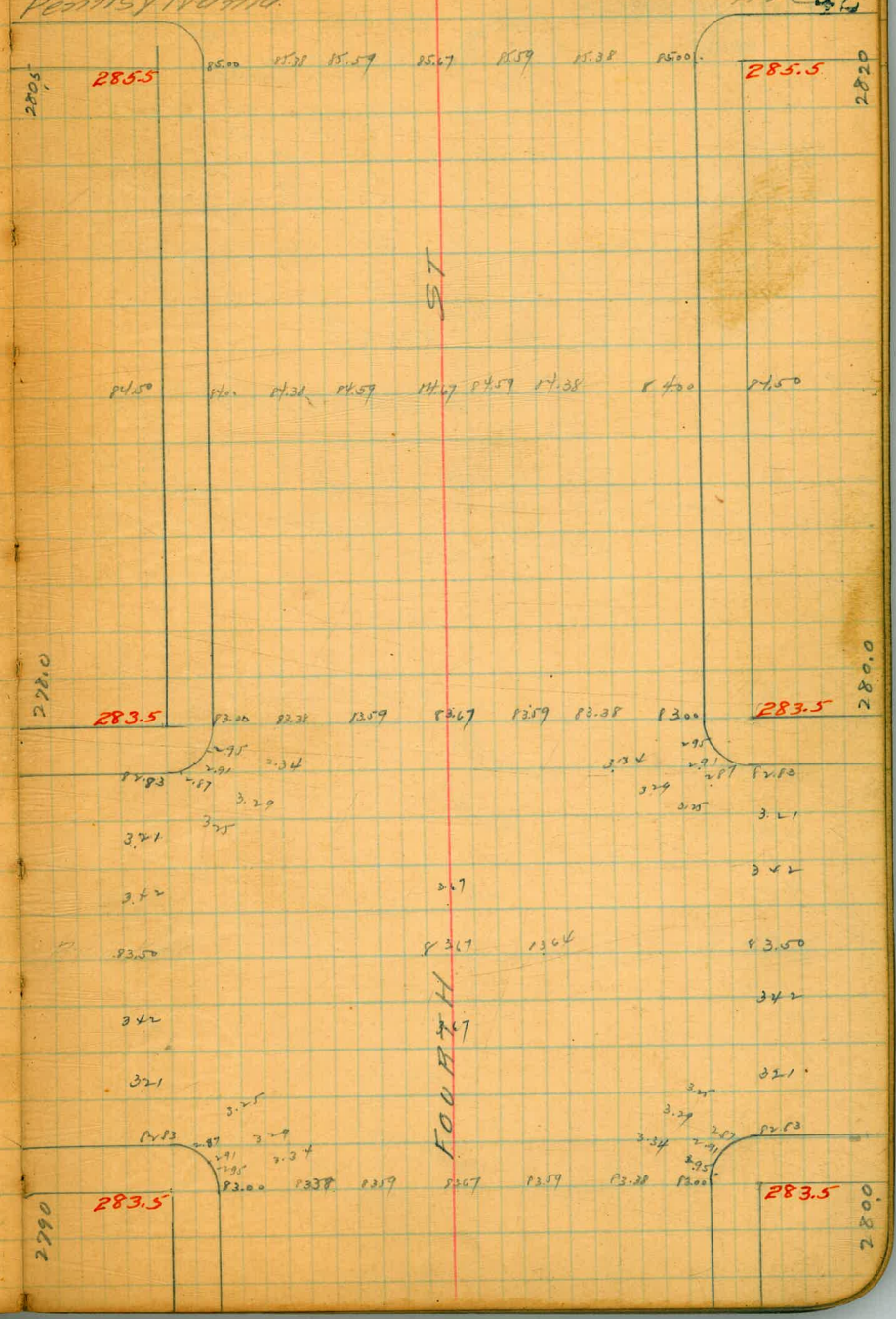
ST 41

289.0 88.50 88.88 89.09 89.17 89.09 88.88 88.50 289.0
284.0 88.35 88.21 88.06 87.92 87.77 87.62 87.48 87.33 287.5
ST
87.25 86.75 87.13 87.34 87.42 87.34 87.13 86.75 87.25
0.5833% 0.5833% cl.
7.34
6.75
59
280.5 285.5 85.00 85.38 85.59 85.67 85.59 85.38 85.00 285.5 282.5
4.95 4.91 5.33 5.33 4.95 4.91 4.87
84.83 4.87 5.29 5.29 5.25 84.83
85.21 5.25 85.21
85.42 5.67 85.42
Penna. 85.50 5.63 5.67 5.63 85.50
85.42 5.67 85.42
85.21 5.25 85.21
84.83 4.87 5.29 5.29 5.33 4.87 4.91 84.83
4.91 4.85 5.33 4.95
85.00 85.38 85.59 85.67 85.59 85.38 85.00
285.5 285.5
280.5 282.0



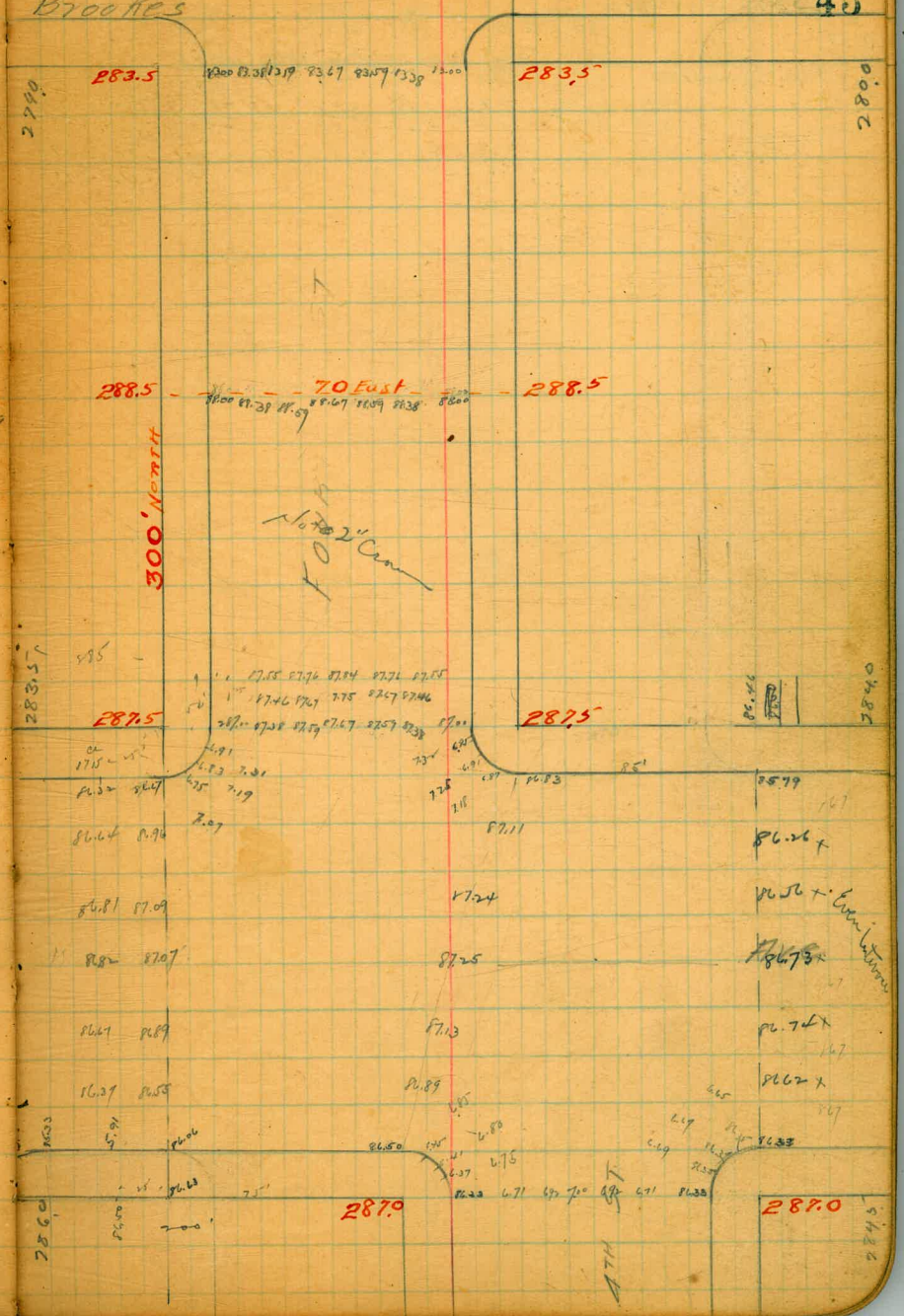
283.32 N. W. Brookes 4.65 83.00
4.35 87.97 H1 4.97
87.67 H1 3.38 3.59 3.67 4.38 4.59 4.67
85.35 4.29 4.08 4.00 3.29 3.08 3.00
4.10 5.38 5.59 5.67 3.38 3.21 3.42 3.50
89.45 H1 4.07 3.86 3.78 3.92 4.36 4.15 4.07
3.98 3.38 3.59 3.67 3.34 3.29 3.25 2.95 2.91 2.87 2.83
87.30 H1 4.19 3.98 3.90 4.23 4.28 4.32 4.62 4.66 4.70 4.74
4.57

83.32 Bm 83.67
4.25 3.93
87.57 H1 3.67
4.60



87.39 NW Walnut.

Brookes



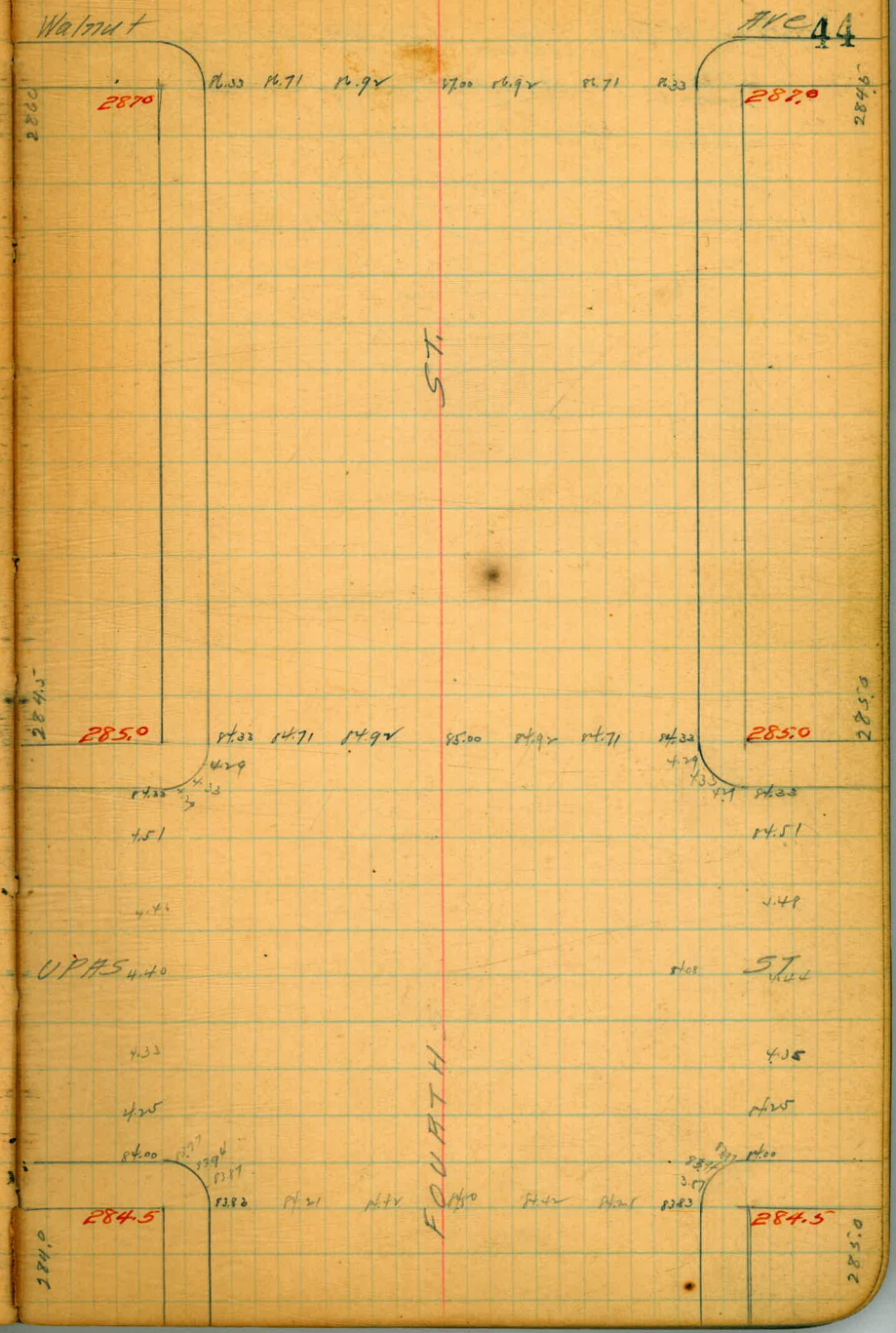
284.99 NW Upas 3.06 / 88.05 HI 4.33 / 3.72 3.83 / 4.22

87.39
2.78
90.17 HI 4.96 ~~89.95~~ HI 85.00 / 4.95 84.92 / 5.03 84.71 / 5.24 87.00 / 2.95 86.92 / 3.03 86.71 / 3.24

84.99
5.6
~~90.16~~
84.99 HI
3.61
88.60 HI

86.71 / 3.46 6.92 / 3.25 4.71 / 5.44 4.92 / 5.23 4.92 / 3.68 3.87 / 4.73 3.94 / 4.66 3.97 / 4.63 4.00 / 4.60

4.51 / 4.09 4.46 / 4.14 4.40 / 4.20 4.33 / 4.27 4.29 / 4.31 4.33 / 4.27 4.00 / 4.60 3.97 / 4.63 3.94 / 4.66 3.87 / 4.73



279.39 N. W Thorn

4.24 / 283.63 HI — 78.33 / 5.30 — 8.83 / 4.80 — 88.05 HI — 3.41 / 4.64 — 2.00 / 5.05 — 2.18 / 5.47

3.33 / ~~282.72~~ HI — 79.50 / 3.54 — 9.42 / 3.62 — 9.21 / 3.83 — 2.06 / 5.89

3.65 / ~~283.04~~ HI — 84.50 / 3.75 — 4.42 / 2.83 — 4.21 / 4.04 — 9.11 / 3.86 — 9.09 / 3.88 — 9.02 / 3.95

84.99 / 3.26 / 88.25 HI — 79.50 / 3.47 — 9.42 / 3.55 — 9.21 / 3.76 — 8.91 / 4.06 — 8.75 / 4.22

79.39 Bue — 8.37 / 4.60 — 8.44 / 4.53 — 8.47 / 4.50 — 8.50 / 4.47 — 8.83 / 4.14 — 8.79 / 4.18 — 8.83 / 4.14

3.58 / 82.97 HI — 9.21 / 3.76 — 9.42 / 3.55 — 84.99 / 3.14 / 88.13 HI — 4.21 / 3.92 — 4.42 / 3.71

3.79 / 283.18 HI — 9.21 / 3.97 — 9.42 / 3.76 — 9.11 / 4.07 — 9.06 / 4.12 — 8.88 / 4.30 — 8.75 / 4.43 — 8.92 / 4.26 — 8.71 / 4.47

8.79 / 4.39 — 8.83 / 4.35 — 8.50 / 4.68 — 8.47 / 4.71 — 8.45 / 4.73 — 8.37 / 4.81 — 8.58 / 4.60 — 8.64 / 2.54

UPAS

ST. 45

284.5 — 83.83 — 84.50 — 84.42 — 84.21 — 83.83 — 284.5

284.0 — 285.0

ST.

83.41 — 83.00 — 82.58 — 82.16 — 81.75

281.5 — 282.0

279.5 — 78.83 — 9.21 — 9.42 — 79.50 — 79.42 — 79.21 — 78.83 — 279.5

78.79 — 78.83 — 78.79 — 78.83 — 78.79 — 78.83 — 78.79 — 78.83

79.01 — 79.01

79.01 — 78.64 — 79.02

79.00 — 78.58 — 78.58 — 79.02

78.88 — 78.91

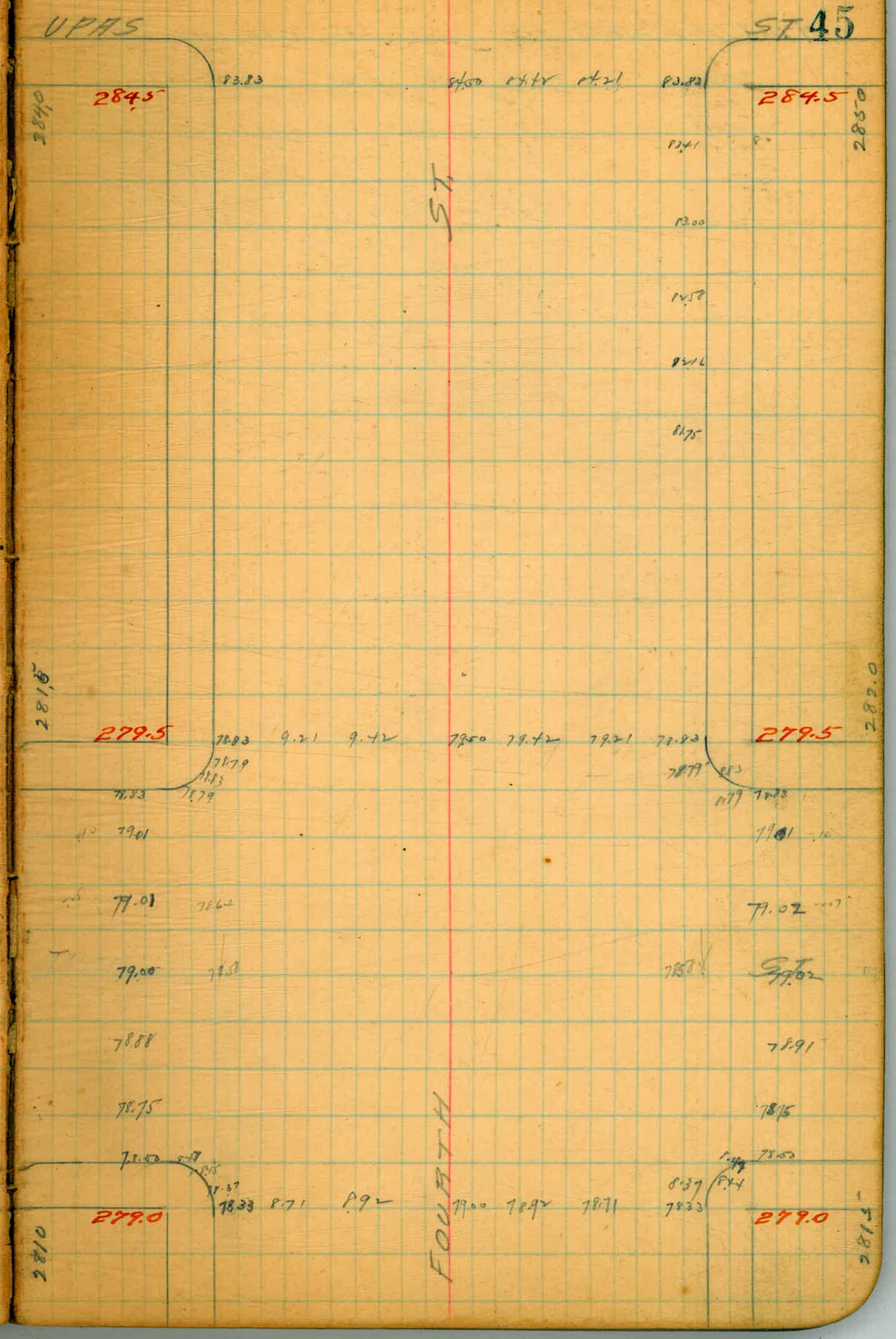
78.75 — 78.75

78.50 — 8.47 — 8.45 — 8.37 — 78.33 — 8.71 — 8.92 — 79.00 — 78.92 — 78.71 — 8.37 — 8.44 — 78.33 — 78.50

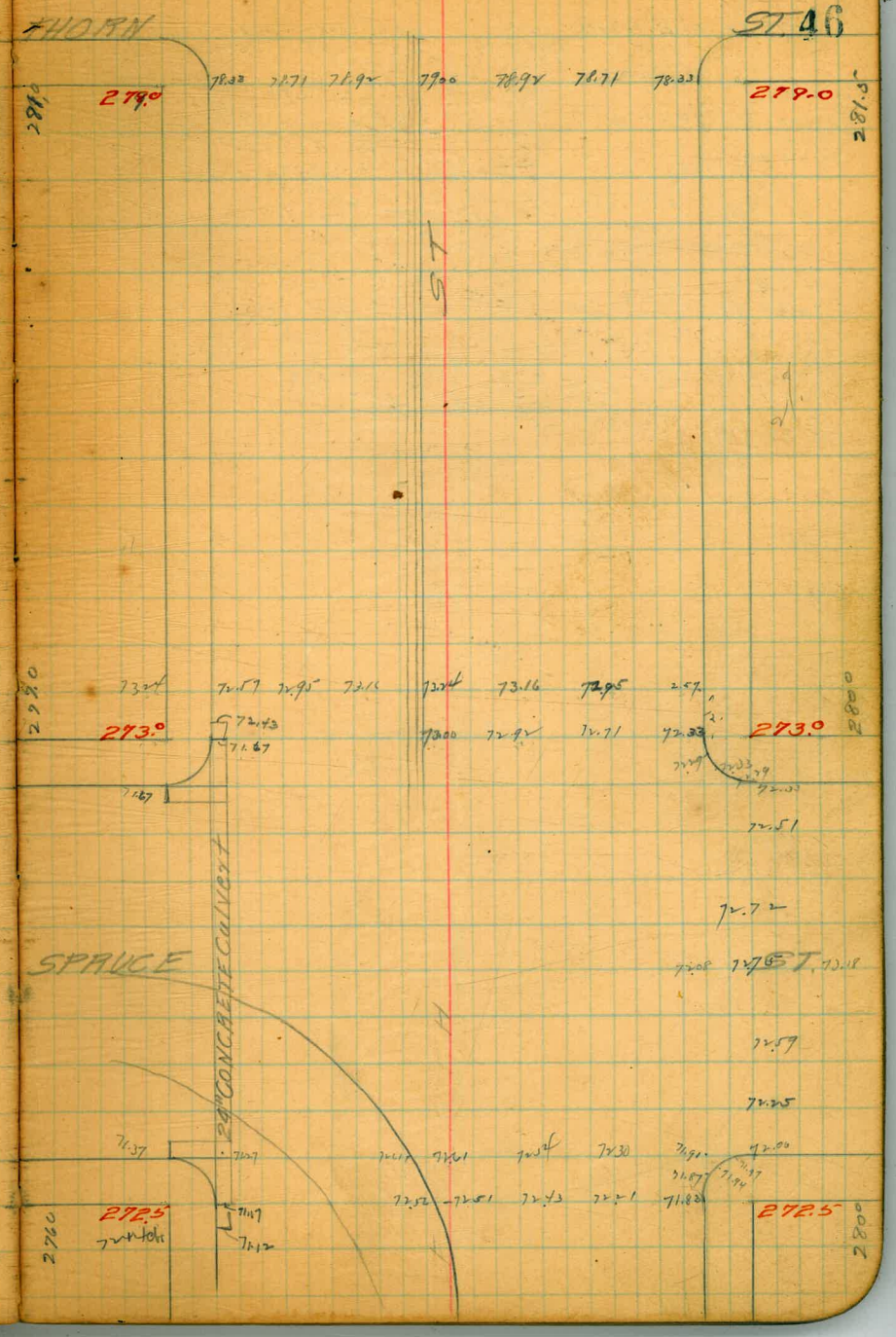
FOURTH

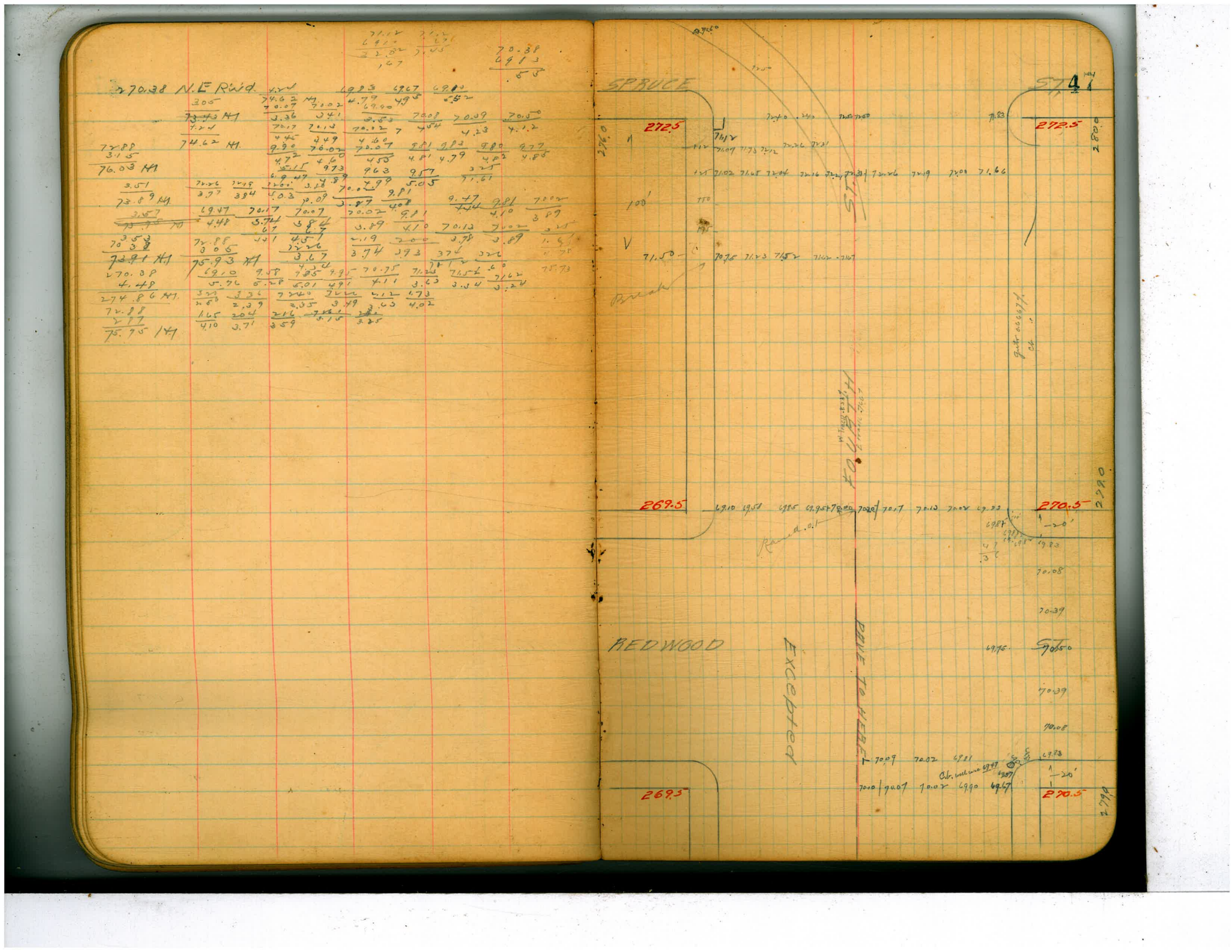
279.0 — 279.0

281.0 — 281.5



72.88 N.W Spruce





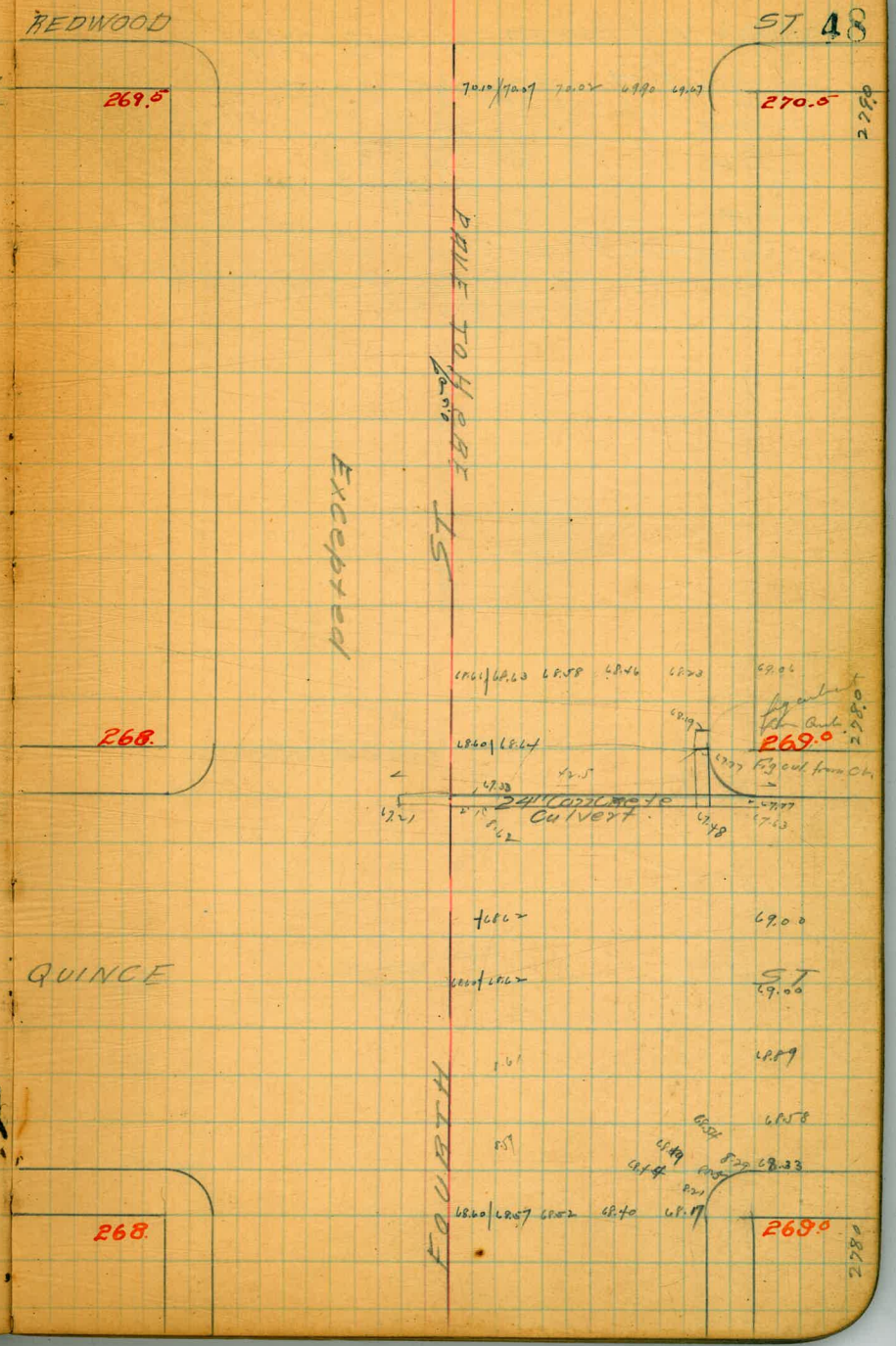
270.38 N.E Rwd.
SPRUCE
ST 4
272.5
272.5
269.5
270.5
REDWOOD
Excepted
PAVE TO HERE
269.5
270.5

268.91 N.E Quince

4.88
273.79 HI

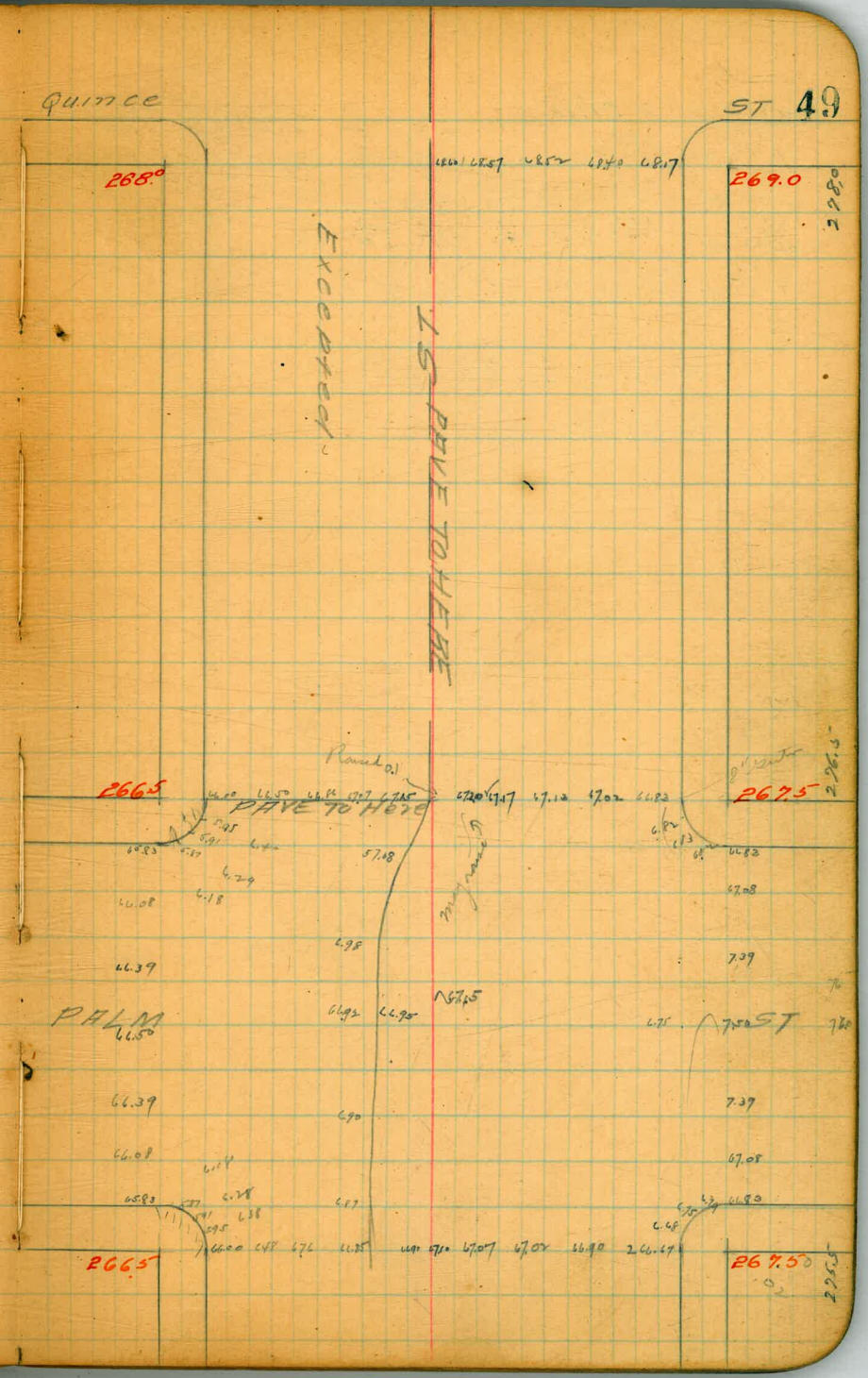
3.73
72.64 HI

68.91
3.70
72.61 HI

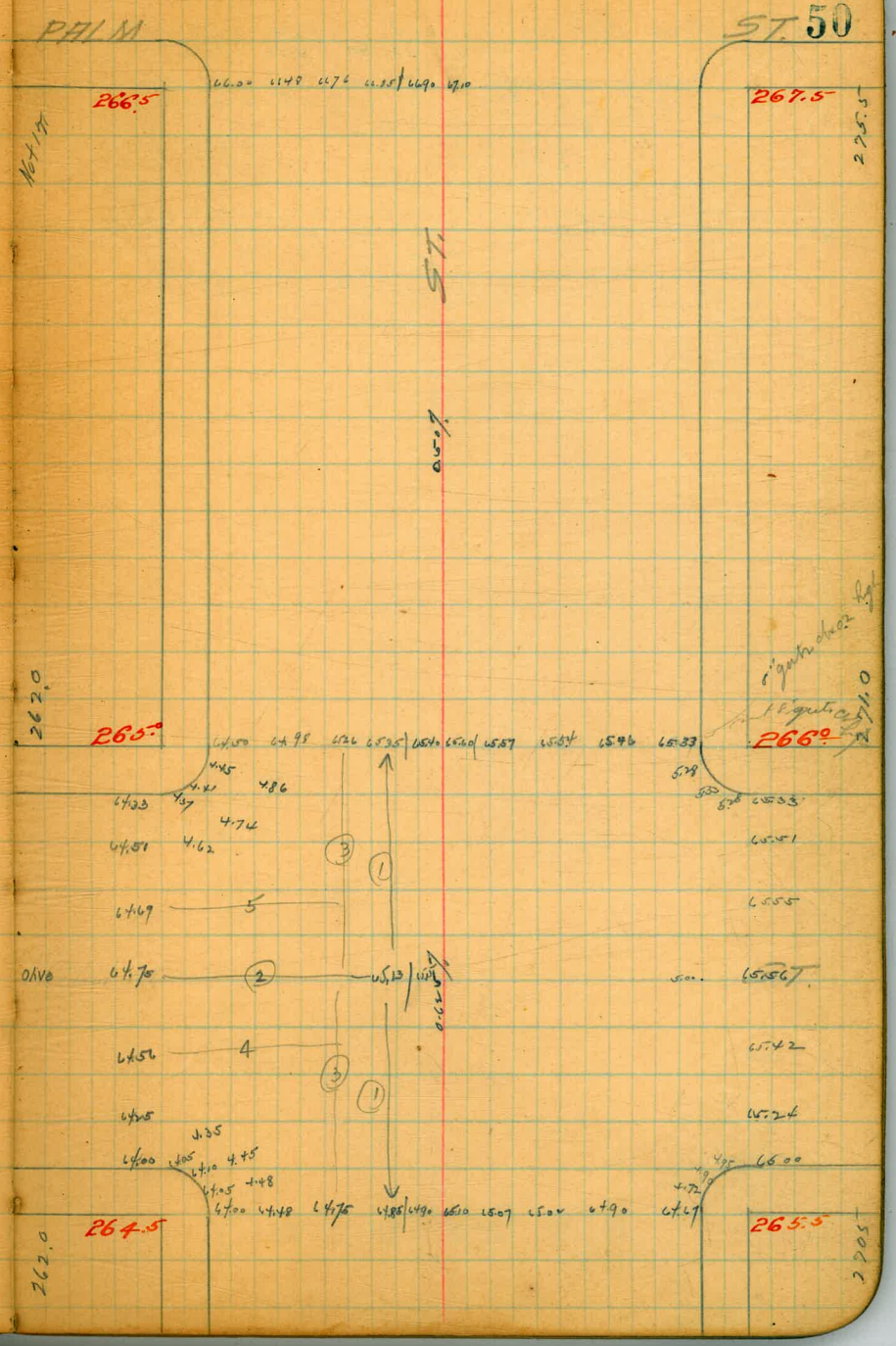


67.42 BM 66.50
3.90 4.82
71.32 N1

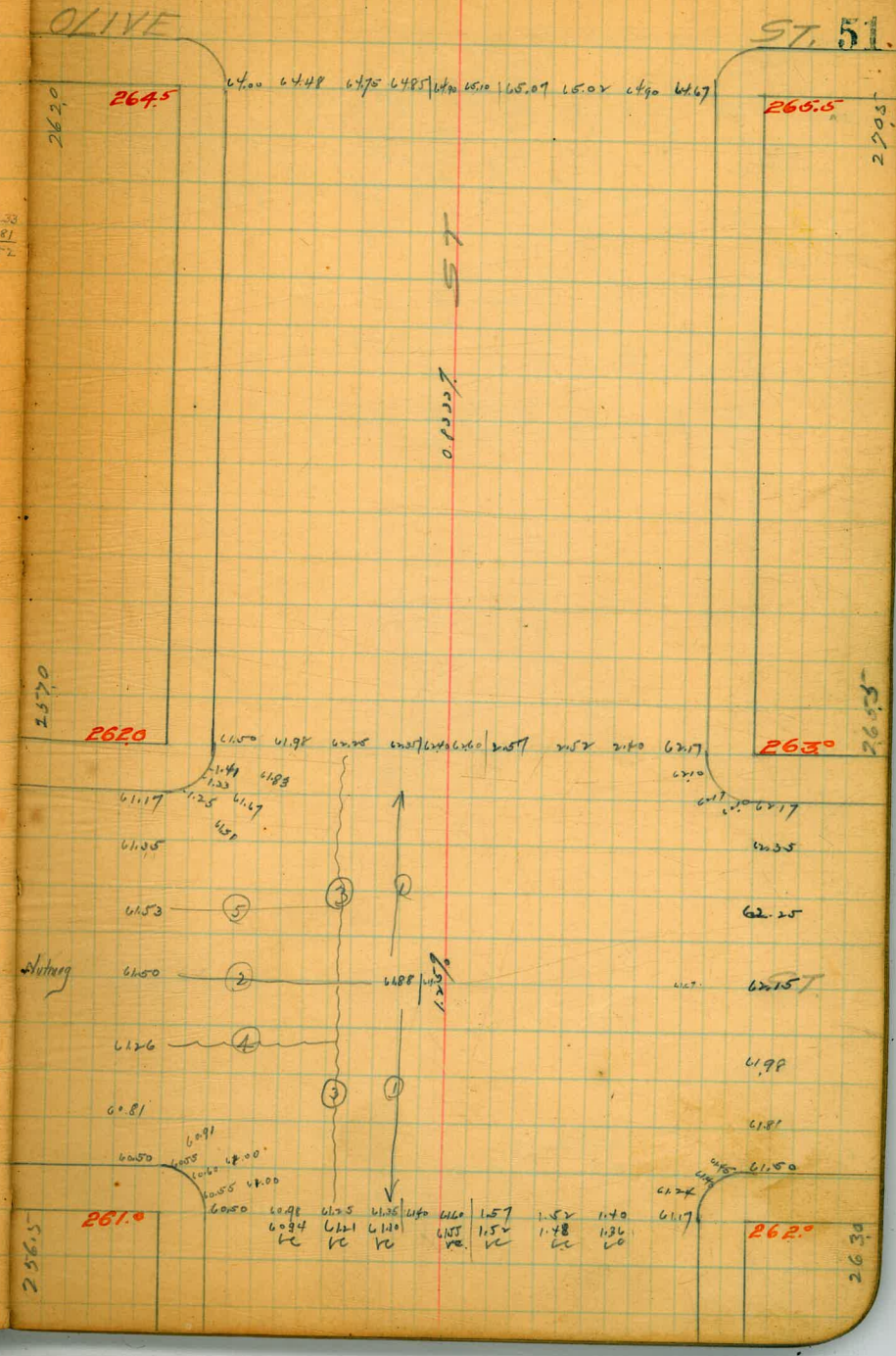
267.423 N.E Palm plg 3.31 66.67 66.83
3.585 267.70 4.34 4.18
271.01 N1 3.62 71.04 66.00 7.07 7.02 6.90 6.67
3.65 5.04 4.01 4.06 4.18 4.41
271.08 N1 7.17 7.13 7.02 7.08 7.39 7.50 6.68 6.75 6.79 6.80
5.16 5.41 5.45 5.56 5.50 5.19 5.08 5.90 5.83 5.79 5.75
272.58 N1 6.13 6.12 6.857 7.52 8.40
6.75 5.76 3.70 3.75 3.87
68.91 67.17 7.13 7.02 7.07 7.02 6.90 6.67
3.36 3.76 3.80 3.91 3.86 3.91 4.03 4.26
72.27 N1 .67 66.86 .67 .67
67.42 4.43 4.64 4.53
3.51 6.38 6.28 6.18 6.08 6.39 6.50 6.29 6.40 6.50
.7093 N1 5.12 5.22 5.32 5.42 5.11 5.00 5.21 5.10 5.00
67.42 6.86 7.07 7.15 7.08 6.98 6.92 6.90 6.87
4.08 4.64 4.43 4.35 4.42 4.52 4.58 4.60 4.63
71.50 N1 66.00 5.95 5.91 5.87 5.83
5.50 5.55 5.59 5.63 5.67



265.20 N. of Olive 5.17 5.33 4.48 4.67 64.50 4.00
4.71 4.74 4.58 4.43 5.24 4.54 5.04
3.84
269.91 HI 269.04 HI 5.57 5.54 5.46 5.51 5.55 5.56 5.42 5.24
3.59 5.07 5.33 5.28 5.26 3.33 3.28 3.24 3.23 3.37 3.50
268.79 HI 3.72 3.46 3.51 3.79 3.84 3.89 4.72
67.42 6.85 6.76 6.48 6.98 5.26 5.35 4.07
3.79 4.36 4.45 4.73 4.13 3.85 3.76
~~71.21~~ HI
3.91 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02
269.11 HI 5.35 5.26 4.98 4.50 4.45 4.41 4.37 4.33 4.62 4.74 4.86
3.67 3.76 4.04 4.52 4.57 4.61 4.65 4.69 4.40 4.28 4.16
265.20
3.82
269.02 HI 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02 69.02
4.51 4.69 4.75 4.56 4.25 4.00 4.05 4.10 4.05 4.00 4.48 4.45 4.35
4.51 4.33 4.27 4.46 4.77 5.02 4.97 4.92 4.97 5.02 4.54 4.57 4.67
69.02 69.02 69.02 69.02
4.48 4.75 4.85 65.13
4.54 4.27 4.17 3.89



261.96 N. W Nut. plg.



253.46 N.W. Maple plg. 53.67 / 4.10 52.17 / 5.60

257.77 H1 / 3.57 / ~~257.03~~ H1 — 4.27 / 57.73 H1 — 53.02 / 4.73 — 2.52 / 4.51 — 2.48 / 4.55 — 2.36 / 4.67

61.96 Bm / 2.33 / ~~64.29~~ H1 — 1.52 / 2.77 — 1.48 / 2.81 — 1.36 / 2.93 — 3.80 / 2.19 — 3.61 / 2.38 — 3.45 / 2.54 — 3.14 / 2.85 — 2.86 / 3.13 — 2.48 / 3.51

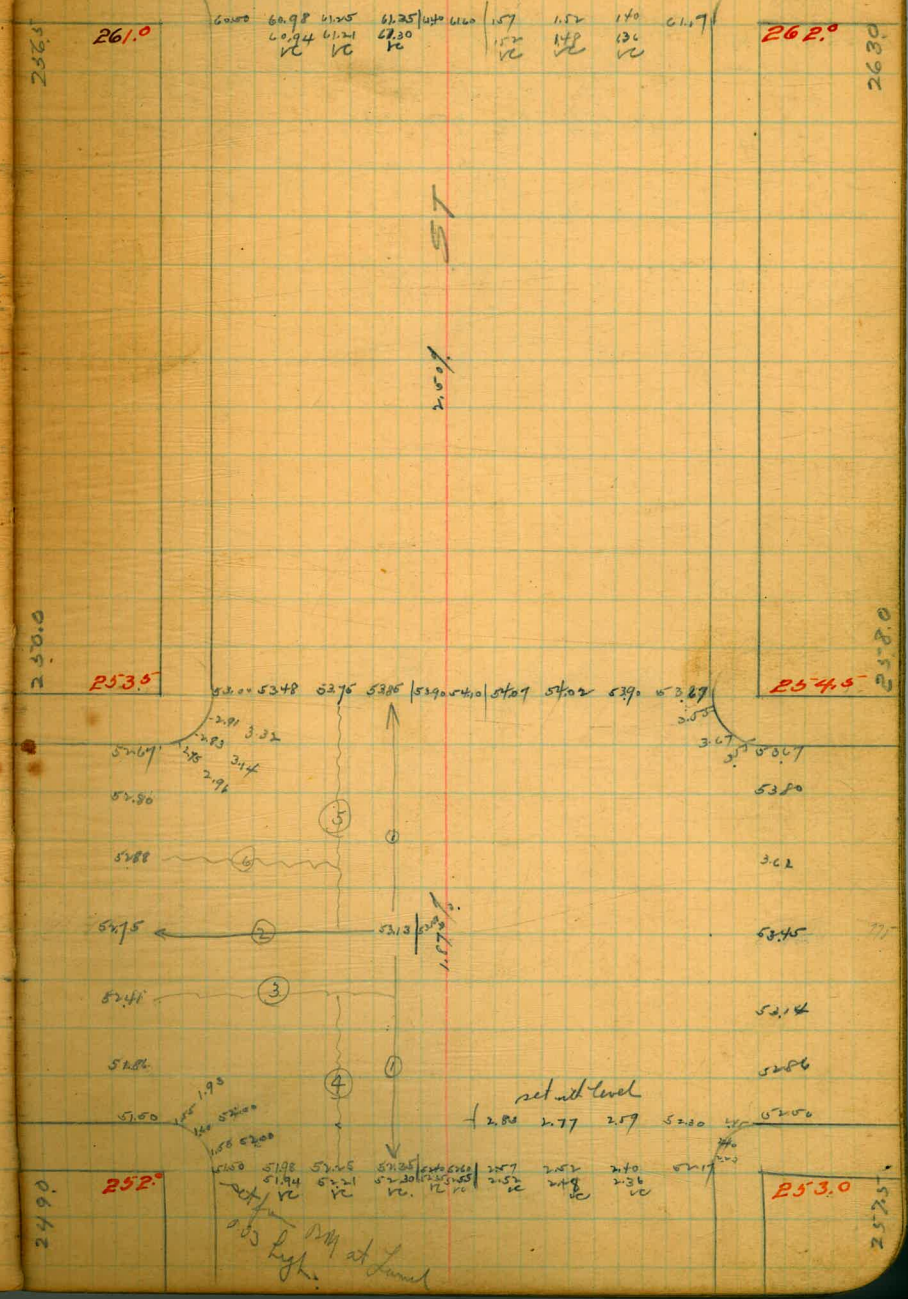
53.46 / 2.53 / 55.99 H1 — 4.07 / 1.92 — 4.02 / 1.97 — 3.90 / 2.09 — 2.83 / 3.16 — 3.55 / 2.44 — 3.67 / 2.32 — 2.50 / 3.49 — 2.45 / 3.54 — 2.60 / 3.59 — 2.23 / 3.76

53.46 / 3.73 / 57.19 H1 — 2.32 / 3.69 — 2.59 / 3.40 — 2.77 / 3.22 — 3.80 / 3.39 — 3.62 / 3.57 — 3.45 / 3.74 — 3.14 / 4.05 — 2.86 / 4.33

58.47 / 3.00 / 5.47 — 58.47 / 3.48 / 4.99 — 58.47 / 3.75 / 4.72 — 58.47 / 3.85 / 4.62 — 261.96 / 3.88 / 265.84 H1 — 65.84 / 0.50 / 5.34 — 65.84 / 0.94 / 4.90 — 65.84 / 1.21 / 4.63 — 65.84 / 1.30 / 4.54

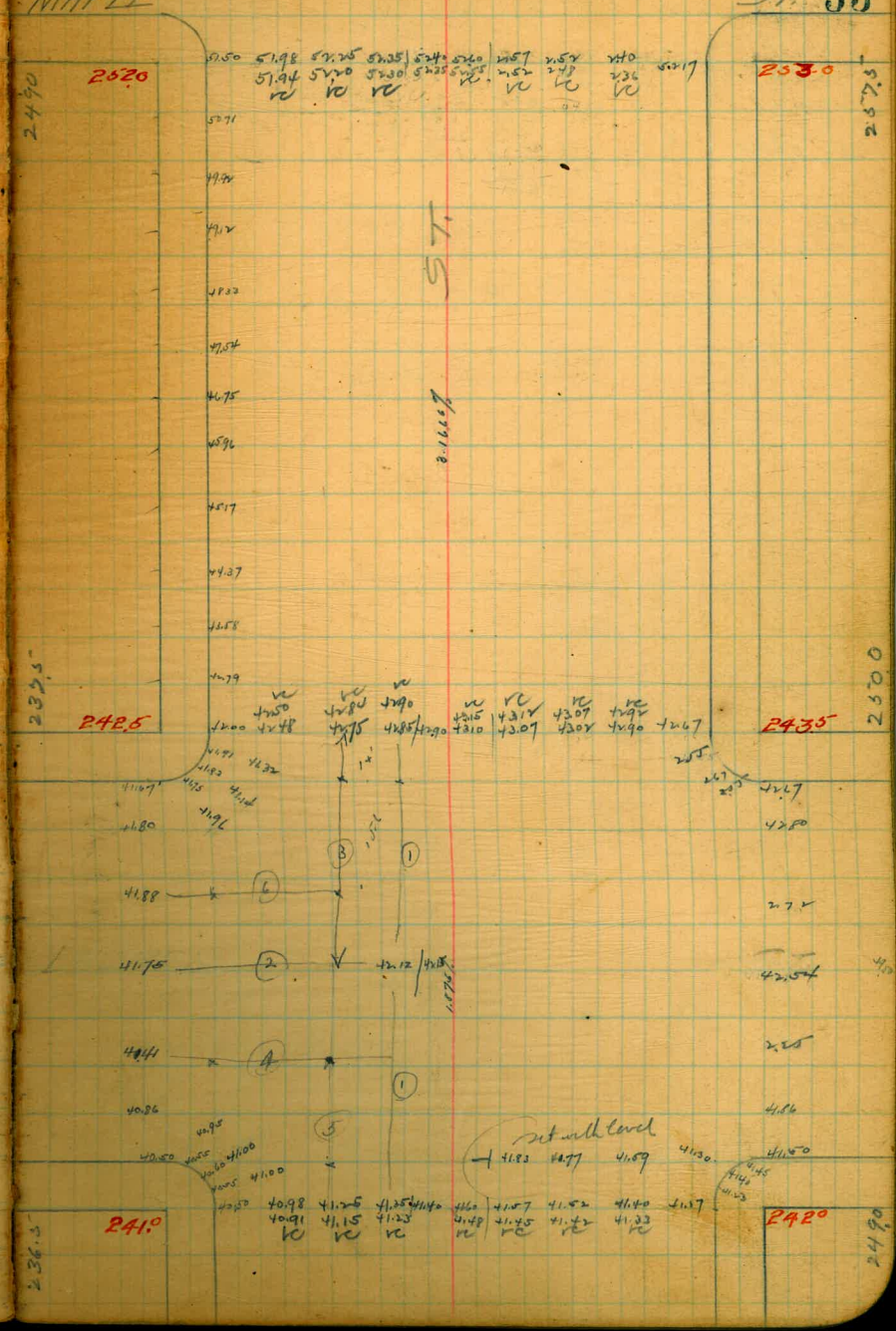
253.46 / 5.01 / 258.47 H1 — 57.12 / 3.85 / 3.27 — 57.12 / 3.75 / 3.37 — 57.12 / 3.48 / 3.64 — 57.12 / 3.00 / 4.12 — 57.12 / 2.91 / 4.21 — 57.12 / 2.83 / 4.29 — 57.12 / 2.75 / 4.37 — 57.12 / 2.67 / 4.45 — 57.12 / 2.96 / 4.16 — 57.12 / 3.14 / 3.98 — 57.12 / 3.32 / 3.80 — 57.12 / 2.80 / 4.32 — 57.12 / 2.88 / 4.24 — 57.12 / 2.75 / 4.37 — 57.12 / 2.91 / 4.71 — 57.12 / 1.86 / 5.26

253.46 / 3.66 / 257.12 H1 — 57.12 / 1.50 / 5.62 — 57.12 / 1.55 / 5.57 — 57.12 / 1.60 / 5.52 — 57.12 / 1.55 / 5.57 — 57.12 / 1.50 / 5.62 — 57.12 / 2.00 / 5.12 — 57.12 / 2.00 / 5.12 — 57.12 / 1.93 / 5.19 — 57.12 / 1.94 / 5.18 — 57.12 / 2.21 / 4.91 — 57.12 / 2.30 / 4.82 — 57.12 / 3.13 / 3.99



242.51 Laurel N.W. p/g.

MAPLE ST.



224.95 N.W Kal. plg. 25.17 4.08 24.50
4.20 229.03 HI 4.53

229.37 HI
3.60
228.35 HI

3.91 4.56 5.00 5.23 5.25 3.30 3.48 3.59 3.62
4.64 3.99 3.55 3.32 3.30 3.25 5.07 4.96 4.93

42.51
3.57
46.08 HI

4.77 3.63 3.95 3.92 5.45 5.61 5.07
4.91 4.70 4.63 3.10 2.94 2.88

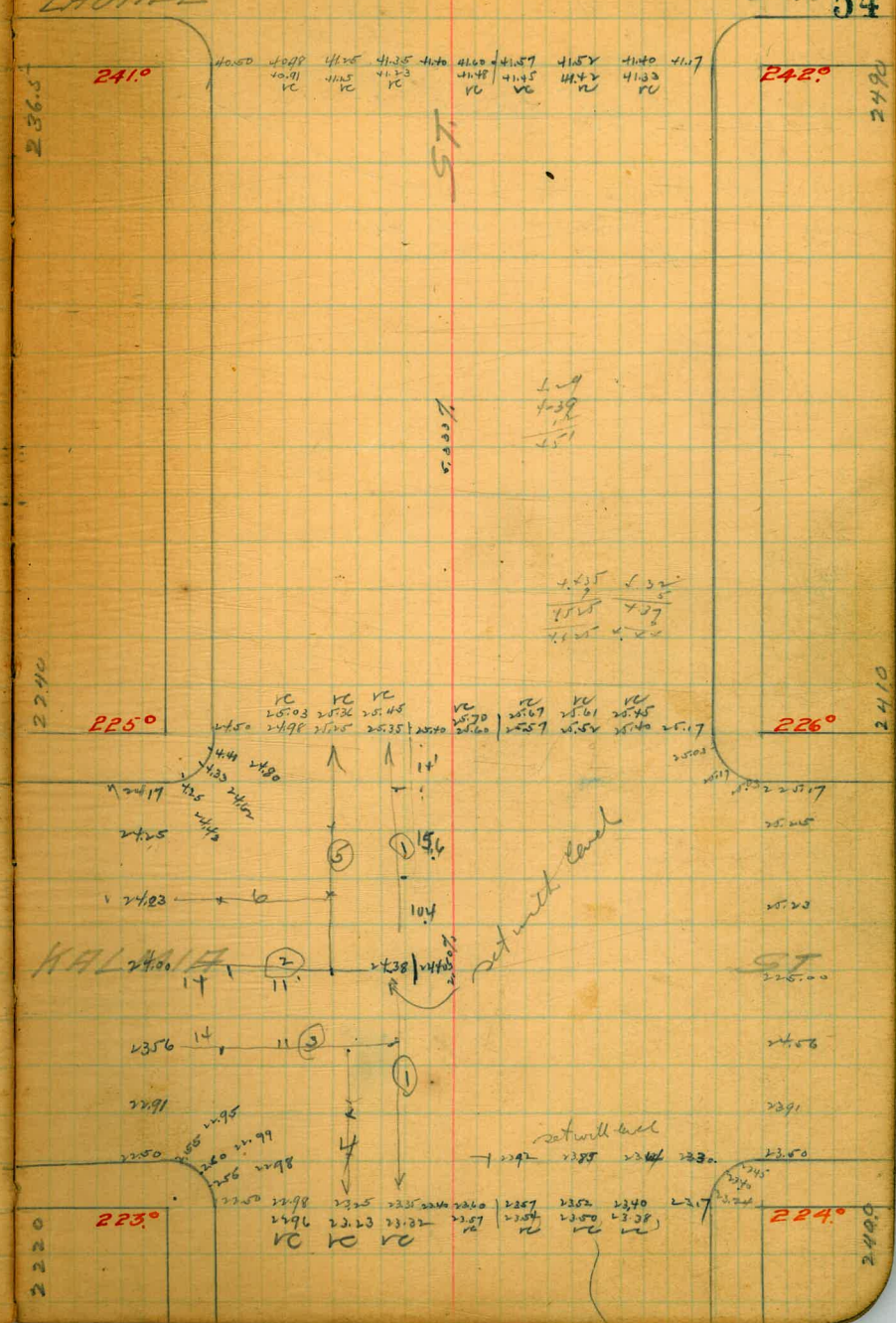
5.03 5.17 3.50 3.45 3.21
3.52 3.38 5.05 5.10 5.31

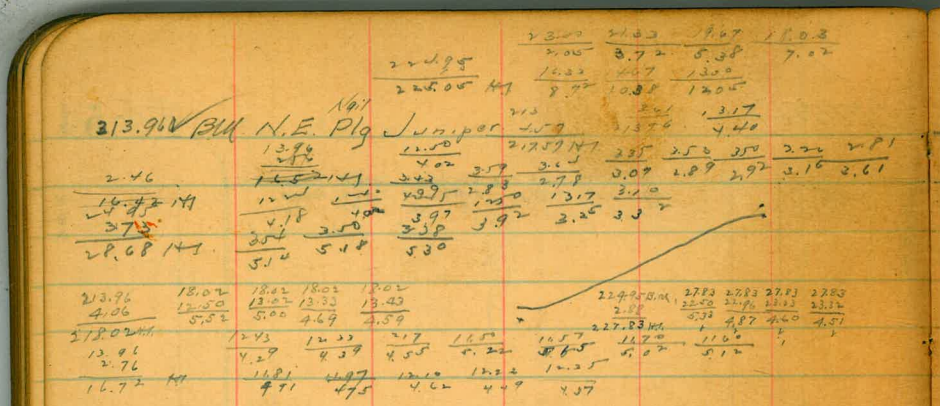
1.45 1.42 1.33
4.63 4.66 4.75

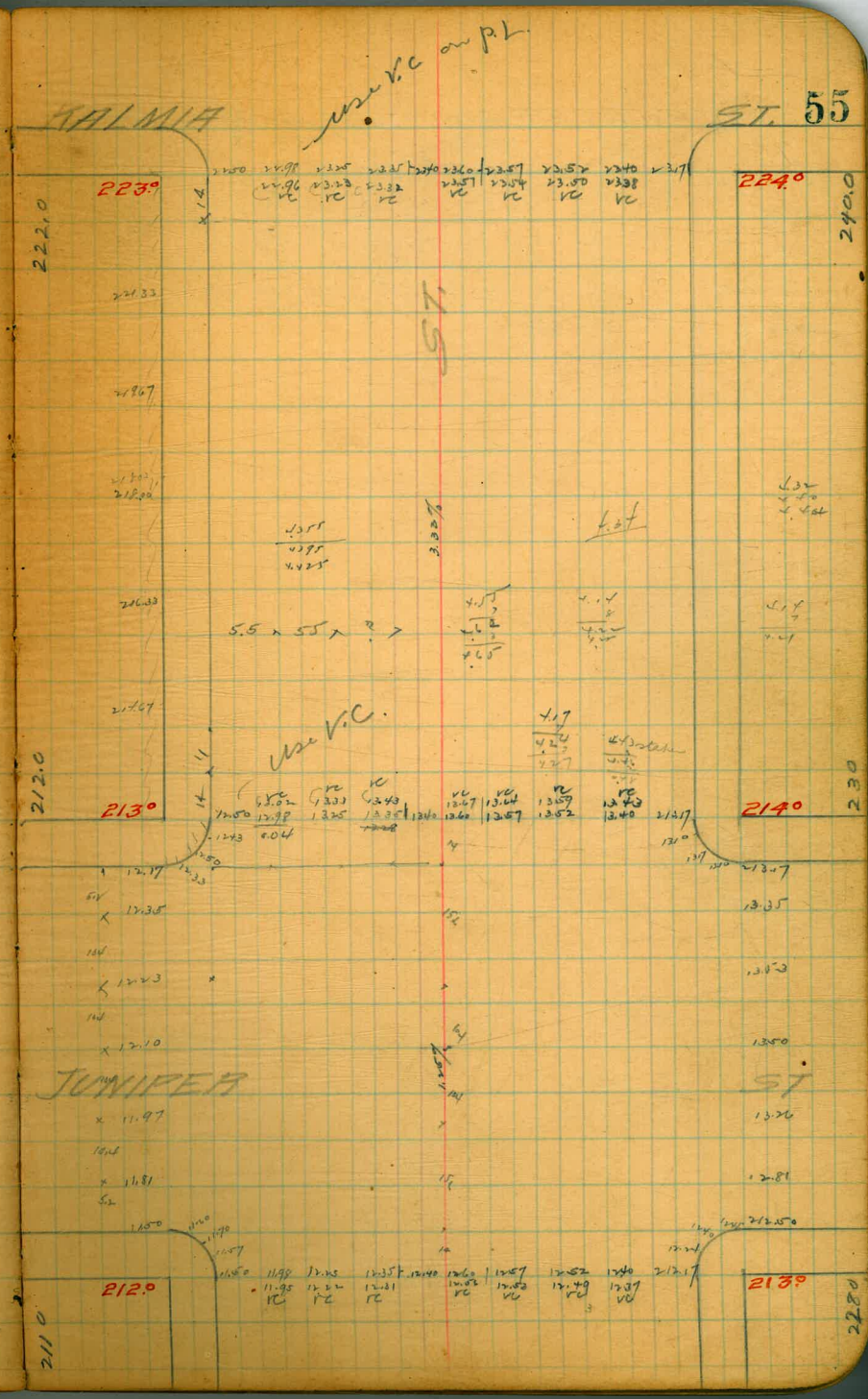
224.95 30.43 30.43 30.43 30.43 242.51 B.M. 43.70 43.70 43.70 43.70
5.48 4.50 25.03 25.36 25.45 1.19 40.50 40.91 41.15 41.23
230.43 HI 5.93 5.40 5.07 4.98 243.70 HI 3.20 2.79 2.55 2.47

224.95 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71
3.76 4.50 4.41 4.33 4.25 4.17 X 24.43 24.62 24.80 X 4.25 4.23 4.00 3.56 2.91
228.71 HI 4.21 4.30 4.38 4.46 4.54 4.28 4.09 3.91 X 4.96 4.68 4.11 5.15 5.80
4.48

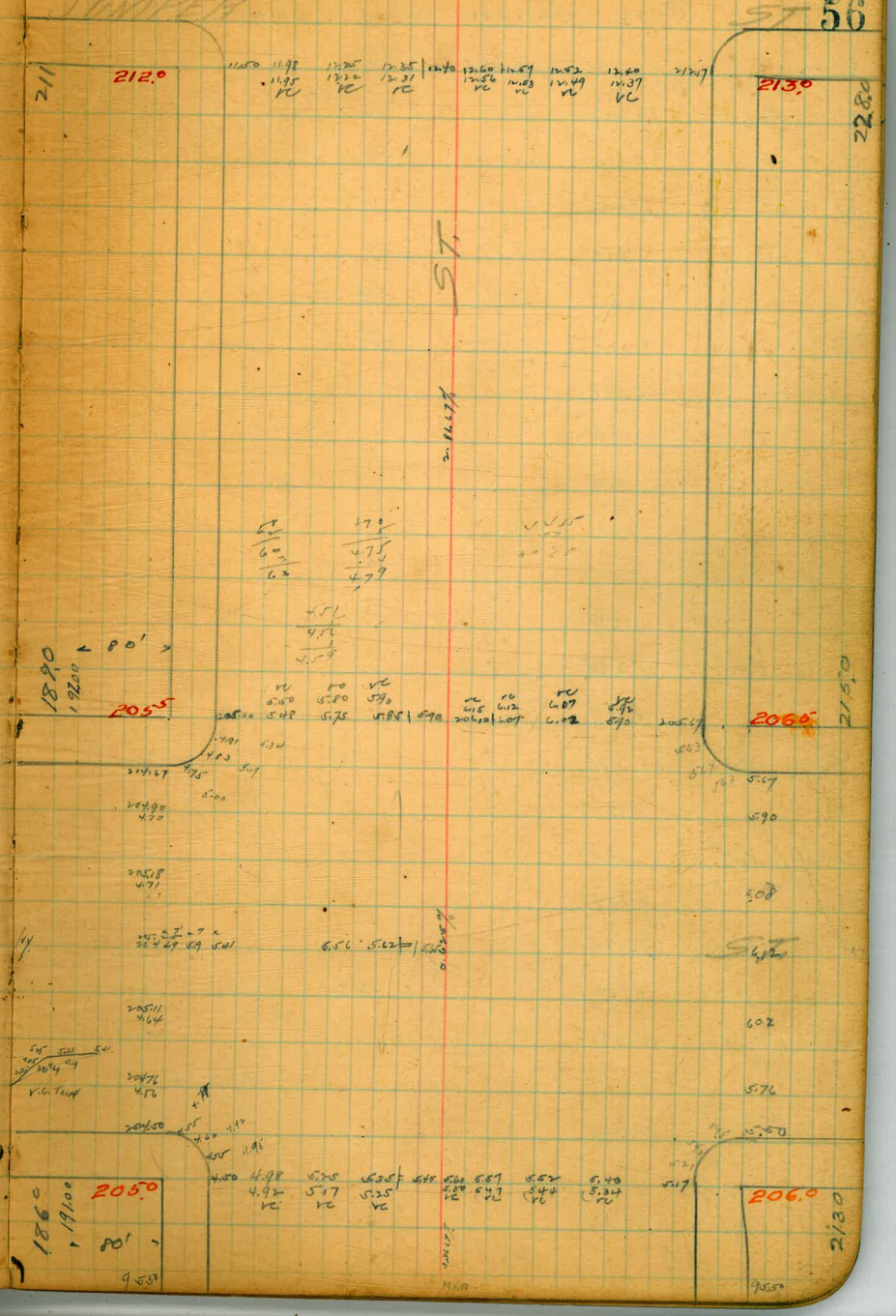
28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 28.71 2.91
22.50 2.55 22.60 22.55 22.50 X 2.95 2.99 2.98 X 24.38
6.21 6.16 6.11 6.16 6.21 5.76 5.72 5.73 4.33 5.73




313.96 BM N.E. Plg Juniper
224.95
225.05 HI
213.96
4.06
218.02 HI
13.96
2.76
16.72 HI
227.83 HI


KALMIA
ST. 55
use V.C on P.L.
223.0
224.0
222.0
240.0
212.0
213.0
214.0
230
JUNIPER
ST
212.0
213.0
211.0
228.0
use V.C.
5.5 x 55 x ? >

205.49 NW Ivy plg.

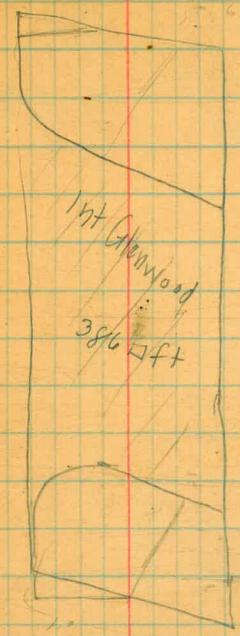


India St

	□ft of Paving	□ft. of Granite Gutts.	Lineal ft Curbing	Lineal ft Culverts	Misc.
G to H.	12901	2047.5	31 87		
F " G	13200	2100.	50		
E " F	13200	2100	50		
D " E	13200	2100			
C " D	11880	1890	20		
Int of C	3046	378	54		
B " C	13200	2100	23 100		1 C. Basin.
A " B	15300				
Int " A	5414				
A " Ash	15300				
Int "	5414				
Ash " Beech	15300				
Int "	5157			103	
Beech " Cedar	15275				2 intakes
Int "	5157			103	
Cedar " Date	15275		50		2 "
Int " "	5194			104	
Date " Fir	22785				2 "
Int "	5454				
Fir " Grape	15275				2 "
Int "	4900		22	206	
Grape " Haw	15275				2 "
Int. "	5157			103	
Haw " Ivy	15275				2 "
Int "	4197			72	
Ivy to Juniper	9526		50		2 "
	291257	12716 Total	537	691	

	Sft. Paving	Lineal Curb.	Lin. ft Culvert.	Misc.
Fwd	28 12 57			
Int of Juniper	3894	Fwd 537	Fwd 691	
Juniper to Kal	9575	100		2 intakes
Int "	3474	65	168	
Kal. to Laurel	5760	310		
Int "	3894	65		
Laurel to Maple	9600	600		
Int "	3894	87		
Maple to Nutmg.	9600	600		
Int "	3894	87		
Nut. Olive	8747	547		
Int " "	3941	88		
Olive Palm	8719	446		2 "
Int "	3474	87	168	
Palm Quince	9555	600	"	4 "
Int "	3726	65	84 ←	Note 18" Culvert
Quince Rwd.	9600	450		
Int "	3894	87		
Rwd Spruce	9575	600		2"
Int "	3684	87	84	
Spruce Sass	9575	600		2 "
Int "	3474	87	168	
Sass Thorn	9575	600		2"
Int "	3894	87		
Thorn Upas	9575	600		2
	435850	7482	1363	

	□ft Paving	Lin.ft Curb.	L.in ft. Culvert.	Misc.
	435850	7482	1,363	
Int of Upas	3146	71	84 76	
Upas - Vine	10800	675		
Int "	3150	79		
Vine Willow	9815	572		2 intakes.
Int "	3684	87	84	
Int Glenwood	386	34		
Willow Chalmers	9575	600		2 "
Int "	3474	87	168	
Chalmers - Wieder	10953	600		2 "
Total	490833	10287	1699	36 "



10.15
932
.83

81.14 Bm. NW A
533
86.47 Ht.

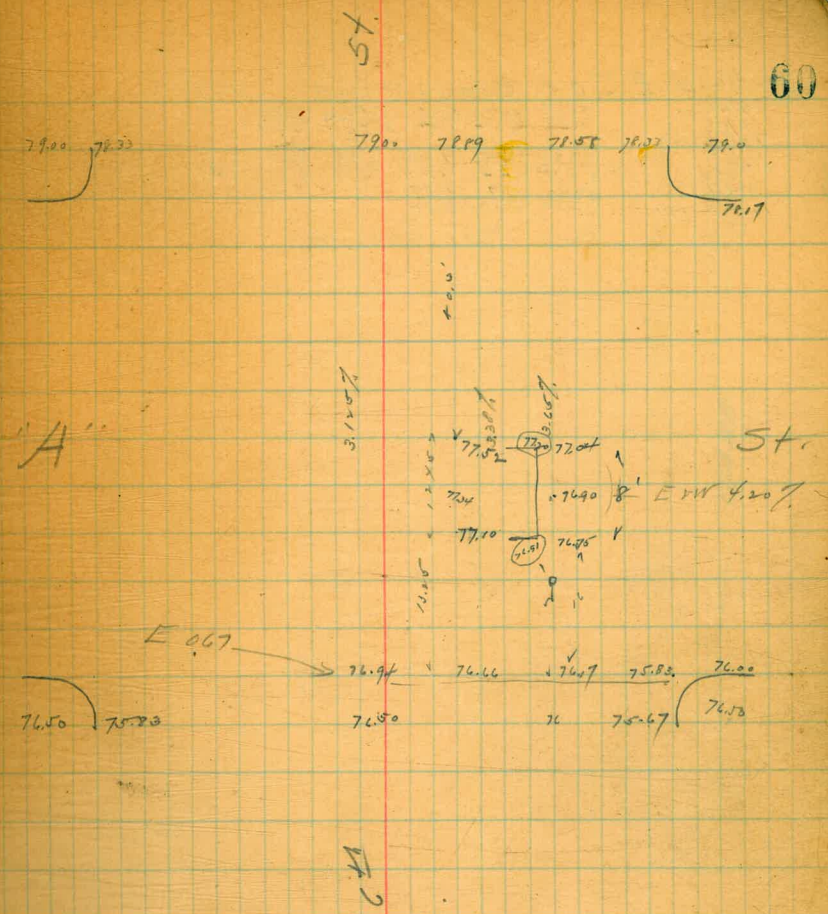
77.52 77.10 76.90 77.34
8.95 9.37 9.57 9.13

13.50
913
437

76.90 77.04
9.57 9.43

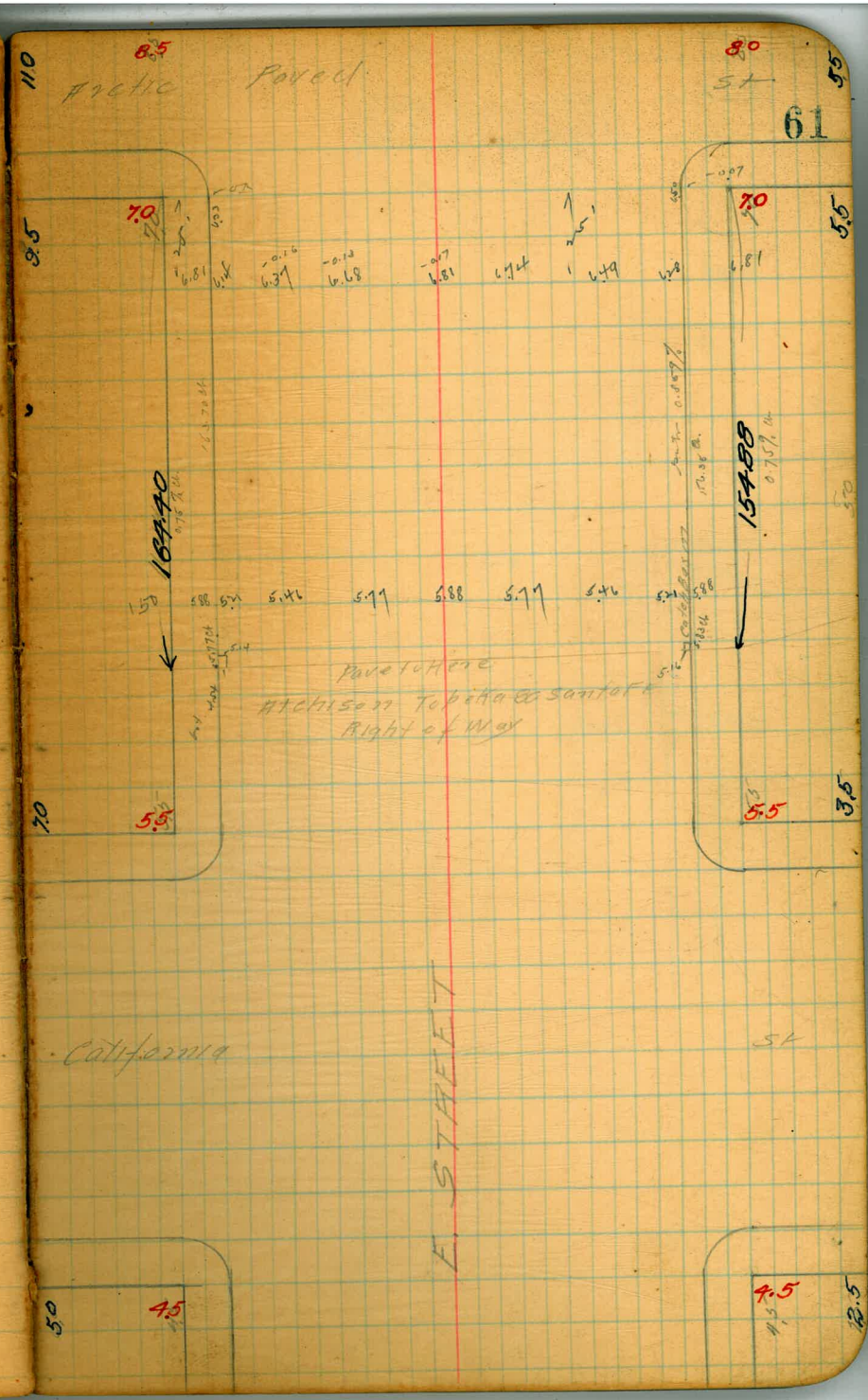
81.14
331
84.45 Ht

77.10 77.52 77.20 6.91
7.35 6.93 7.25 7.54



Arctic. S. E Cor. Brass Plug 7.46

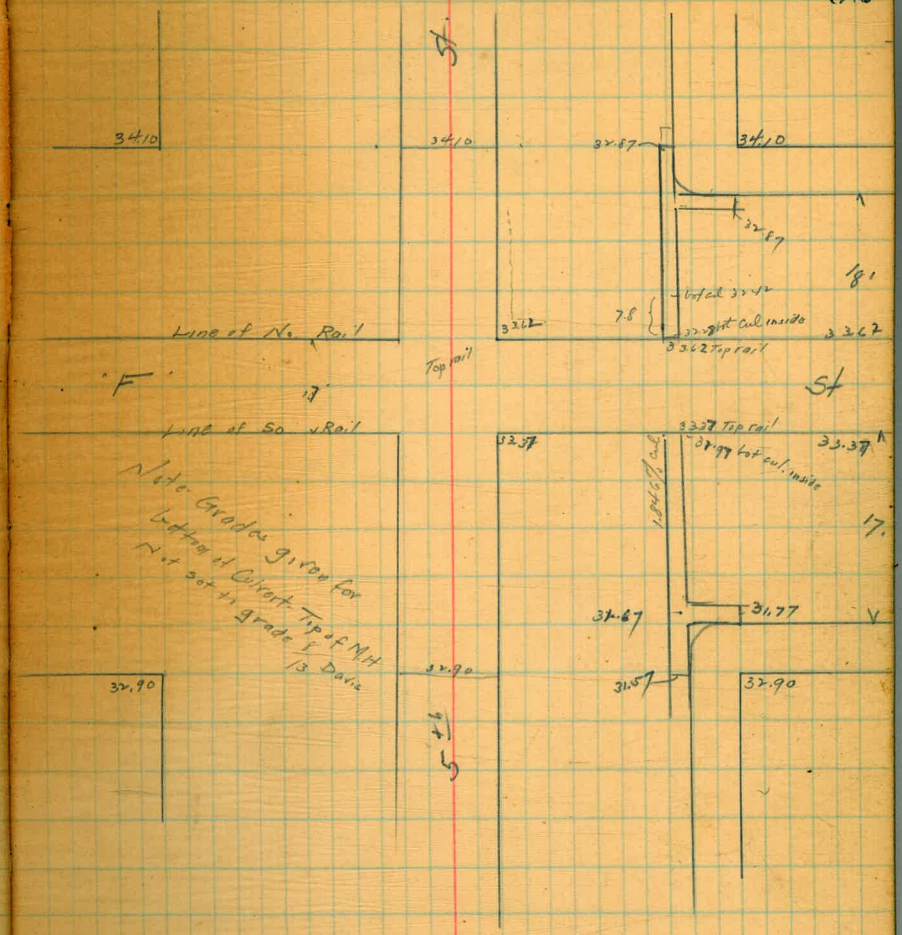
7.46	5.77	4.54	5.14	5.16	5.83		
3.20	4.89	6.12	5.52	5.50	4.83		
10.66 HI	4.69	4.35	4.26	6.74	6.49	6.47	4.57
7.46	6.21	6.55	6.64	4.16	4.41	5.43	6.33
3.44	5.46	5.77	5.88				
10.90 HI	5.44	5.13	5.02				



32.90 SW 5th & F Plg in Cl.
6.18
39.08 H.I.

5.90
33.18 - Top rail
32.28
0.90 = 10 7/8"

5.83
33.25
2.42
.83 = 10"

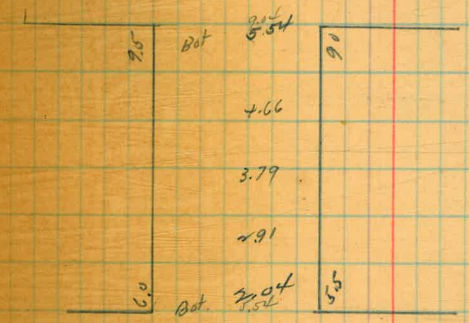


NE 12 & L 8.48 SpK RR.
NE 13 & L 7.11 " "
NE 14 & L 7.27 " "

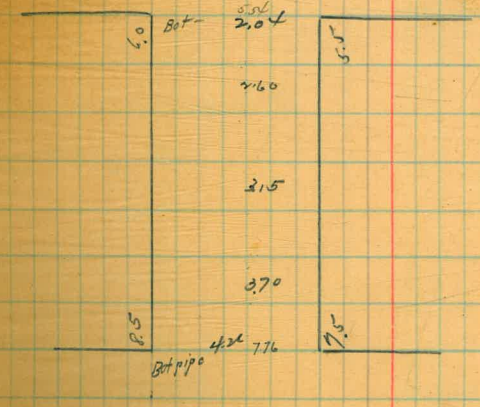
8.48 Bm	3.70	3.15	2.60	5.65	2.04	2.04
3.40	8.18	8.73	9.28		9.84	9.84
11.88 HI	5.84	4.5	4.90		5.65	5.29
5.29	+4.34	+4.23	+4.38		+4.19	+4.55
6.59 TA	5.68	2.91	3.79	4.66	5.54	
6.92	7.83	10.60	9.72	8.85	7.97	
13.51 HI		5.68	4.95	4.45	4.8	
		4.92	+4.77	+4.40	+3.17	

6.59	9.00	5.54	5.50
7.19	4.78	8.24	8.28
13.78 HI		5.07	8.50
		+3.17	−.22

14th



13th



12th

46.57 SW 5th & D Plg. 39.49 SW 5th & E Plg

5.90
45.39 H.I.

6.40
38.99 S.E. Gutr

5.32
40.07 N.E. Gutr

6.06
45.55 H.I.

39.94
5.61

39.57
5.99

40.13
5.42

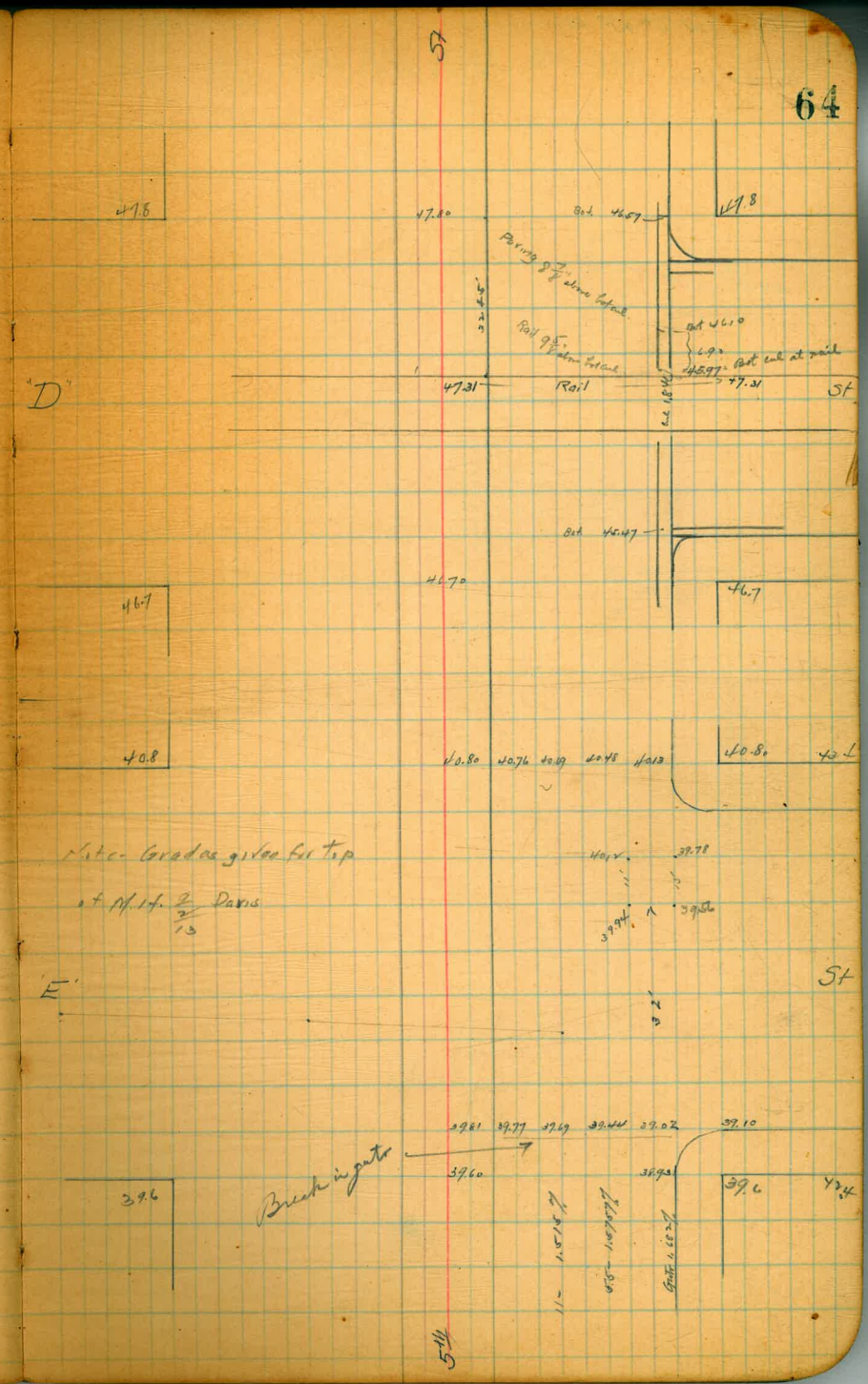
40.12
5.43

39.78
5.77

46.57
5.92
52.49 H.I.

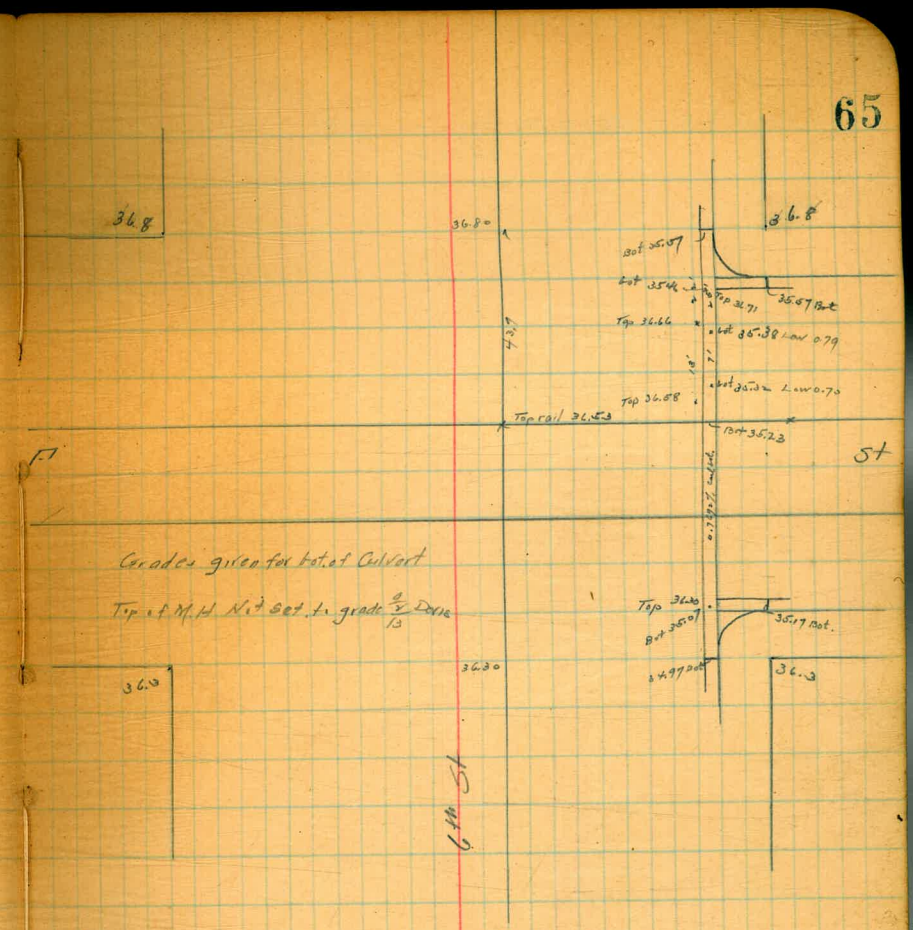
5.72
46.77 = Top rail
45.97
.80

5.65
46.84 = Paving
46.10
0.74

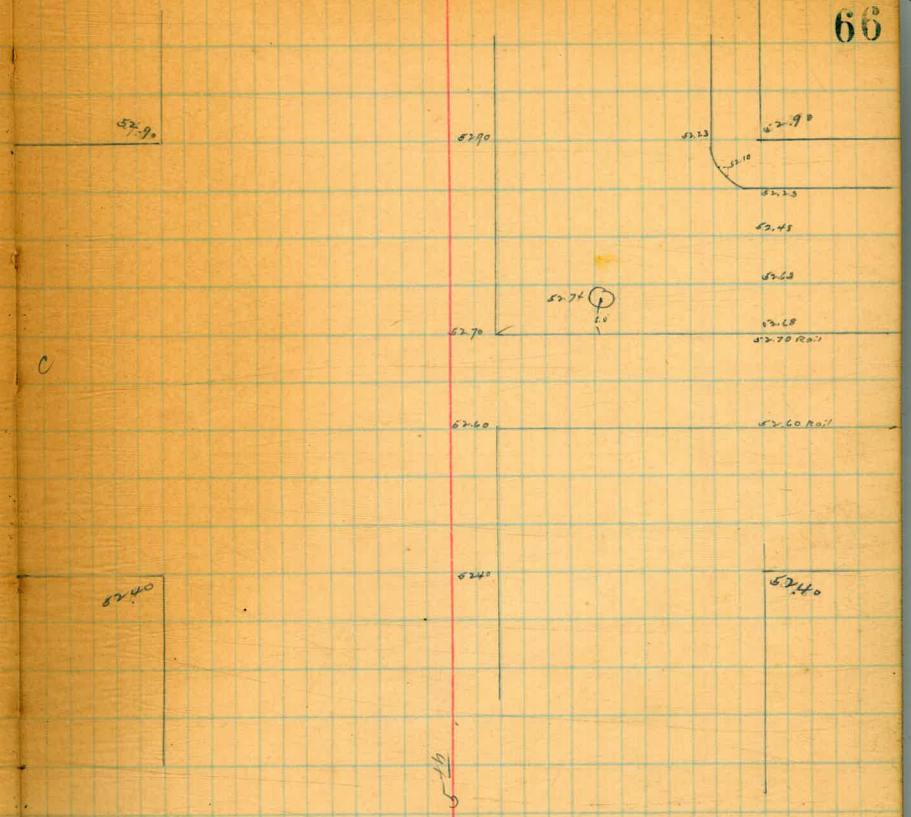


36.12 SW 6th & F Pl

5.70	5.07	4.56	6.70	35.32	6.73	35.38
41.82 H.I.	36.20	36.76	34.62	6.00	5.94	5.94
					0.79	



NW 5th & C 52.76 plg rt. 52.76 / 4.57 / 57.33 47 — 52.74 / 4.59



		141		
	5.56	271.11		265.55 Min Ala
0+00 - CB.			6.26	64.85
+25		on CL	6.19	64.92
+50			6.11	65.00
+75			5.65	65.46
1		7.85	5.96	65.15
+25			5.41	65.70
+50			2.77	67.34
+75			2.17	68.94
+81		on ground	1.70	69.41
TT2+00	1.47	259.19	12.39	258.72
+25			11.75	47.44
+42.75 = bot pipe			13.35	45.84
				43.3

58.72
10.77
69.49 H.

Ground
7.85 2.94
61.64 66.55

65.55
3.70
69.25 H.

1775

Grades for Univ Ave Drain

	Ground	Grade Bot Pipe	Cut
0+00 - CB#1	64.85	61.00	3.85
+25	64.92	60.78	4.14
+50	65.00	60.57	4.43
+75	65.46	60.36	5.10
	65.15	60.14	5.01
+5	65.70	59.93	5.77
+50	67.34	59.71	7.63
+75	68.94	59.50	9.44
+85	66.55	59.00	7.55
+95	61.64	57.50	4.14
+25			
+42.70		45.84 - Pipe	

8389 NW