552

380

FIELD

F.B. 552

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	99.74	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	45.78	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	85.50	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.		

MT MED
MICROFILMED
Oct 12 1964

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Crocker Quality

FIELD BOOK

COMMUNI CONSENSU TRADE MARK PRIMO

No._____

MANUFACTURED BY

H. S. CROCKER CO.

SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

FROM
LORINGS BOOK STORE
San Diego, Cal.

121.98 BM SE Cedar Pl grt 126.12 B.M. Ect. so line park Pl grt.

128.00																		
12.41																		
120.41 HI																		
.37																		
120.04 TP																		
799																		
128.03 HI																		
3.61																		
124.42 TP																		
5.89																		
130.31 HI																		
126.12																		
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129.40 HI																		
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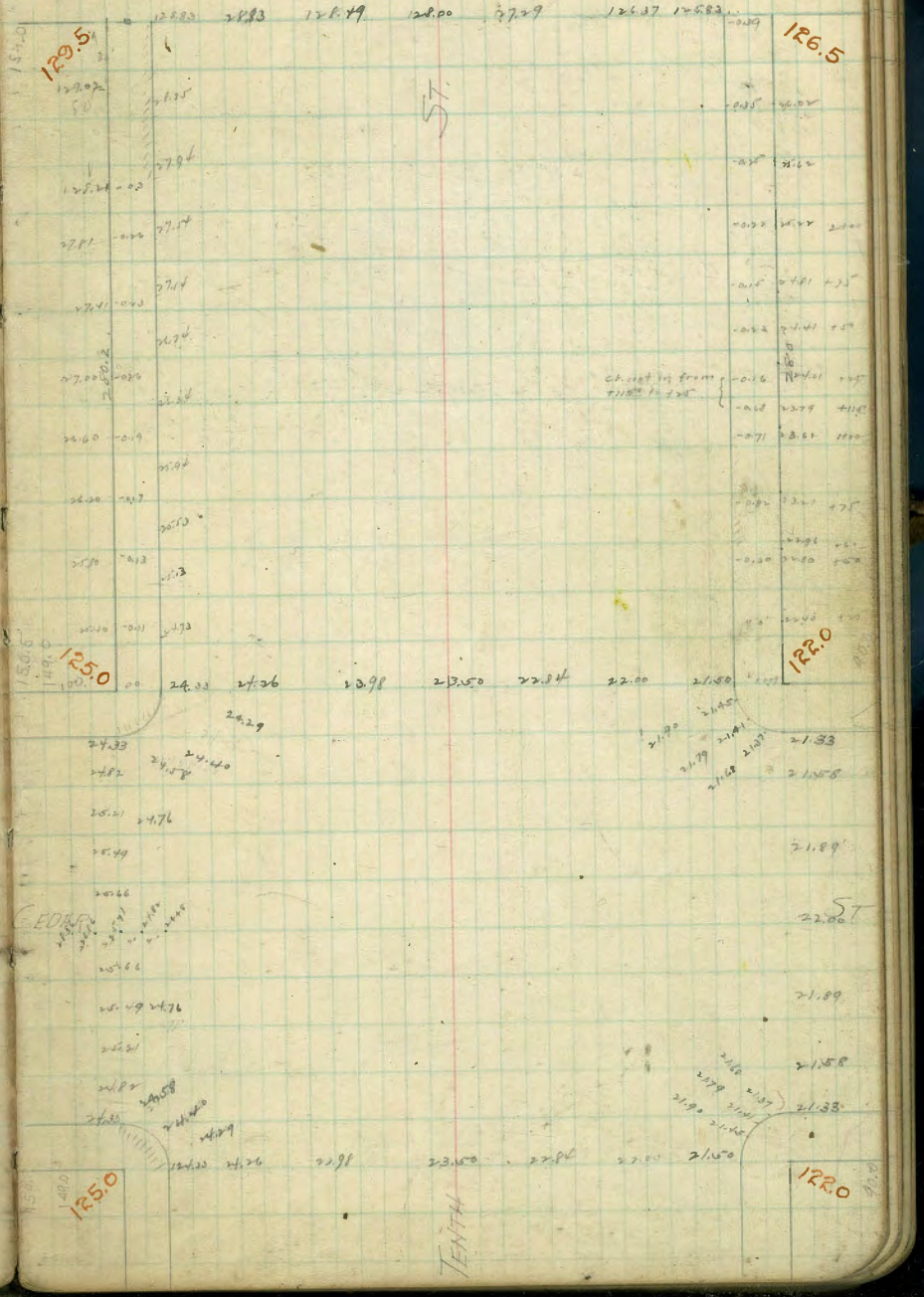
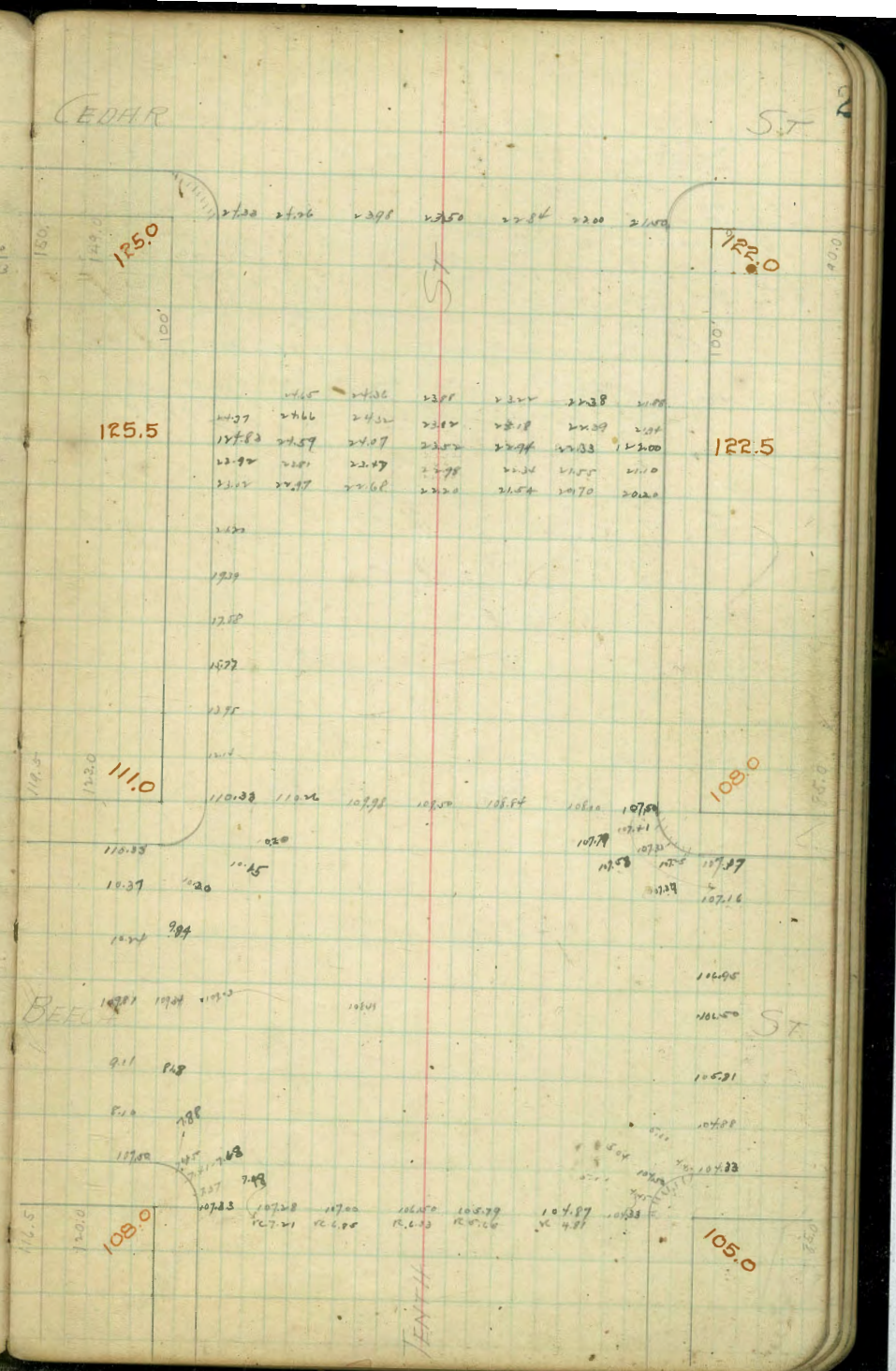
5.48																		
127.46 HI																		
121.98 BM																		
4.93																		
126.91 HI																		
6.88 HI																		

125.00	129.50	129.02	128.21															
3.03	4.19	1.81	1.29	2.10														
126.12																		
22.96	23.61																	
7.35	6.70																	
21.50																		
7.44																		
128.83	28.35	27.94	27.54	27.14	26.74	26.34	25.94	25.53	25.13	24.73	24.33							
.11	0.59	1.00	1.40	1.80	2.20	2.60	3.00	3.41	3.81	4.21	4.61							
24.26	23.98	23.50	22.84	22.00	21.50													
5.14	5.42	5.90	6.56	7.40	8.48													
28.83	28.49	28.00	27.29	26.37														
0.59	0.91	1.40	2.11	3.03														
22.00	22.84	23.50	23.98	24.26	24.40	24.58	24.76	24.82										
5.46	4.62	3.96	3.48	3.20	3.04	2.92	2.78	2.64										
25.21	25.49	25.66	25.71	26.78	27.78	28.52	24.48	24.54	24.40									
2.25	1.97	1.80	1.75	2.78	2.68	2.62	2.98	3.06	3.06									
1.90	1.79	1.68	1.58	1.89	2.00	4.33	50.45	41.37	33									
5.56	5.67	5.78	5.88	5.57	5.46	3.13	.01	.05	.09	.13								
4.82	5.21	5.49	5.66	5.71	4.58	4.40	4.29	4.26	3.98	3.50								
2.09	1.70	1.42	1.25	1.20	2.33	2.51	2.62	6.64	2.93	3.41								
2.84	2.20	1.90	1.79	1.68	1.58	1.89	2.00	4.76	4.82	4.48								
4.07	4.91	5.01	5.12	5.23	5.33	5.02	4.91	2.16	2.09	2.43								
4.29	4.40	4.58																
2.59	2.48	2.30																

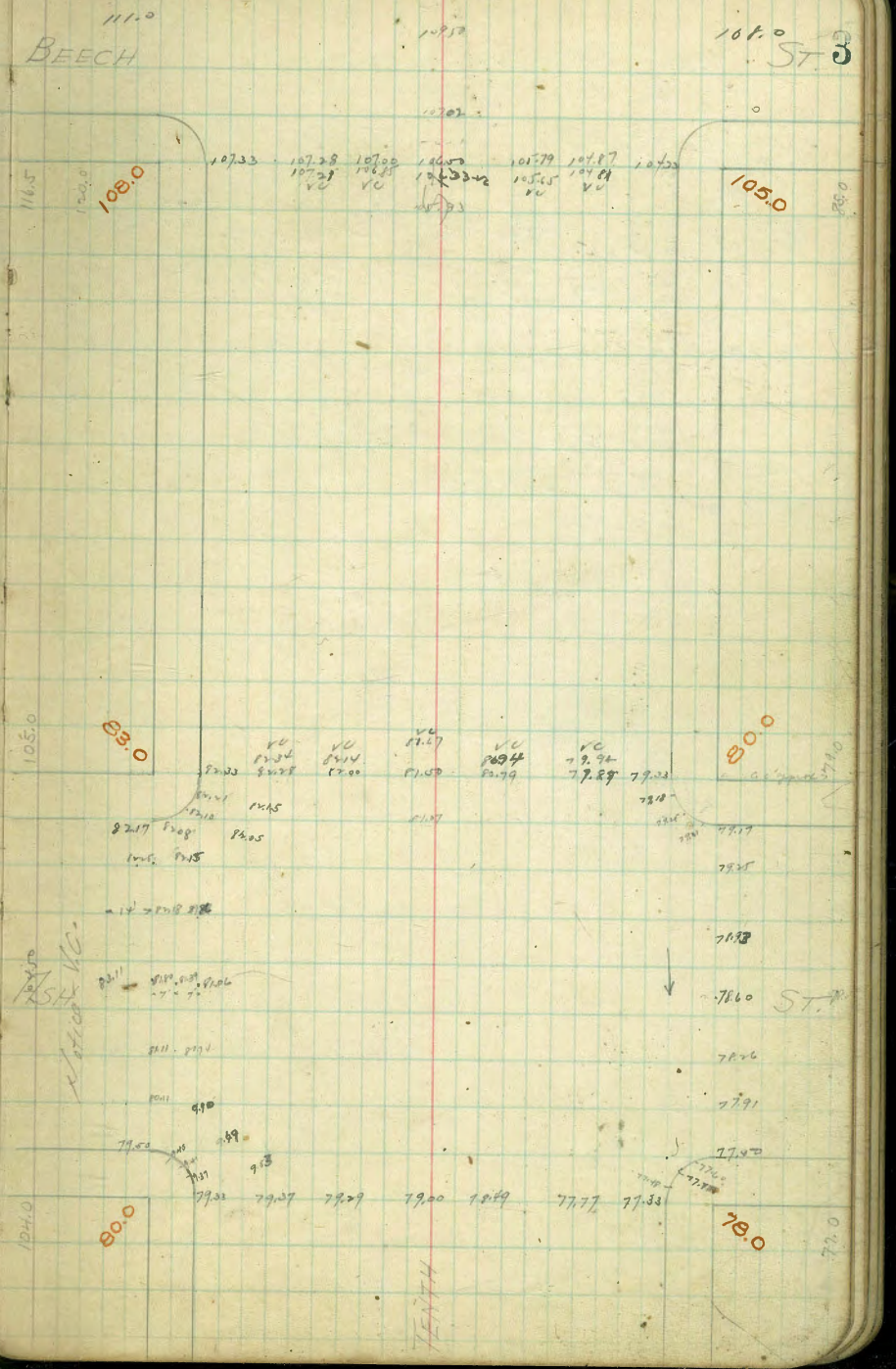
Note Vert. curve on W. side of St
S.T. 14'



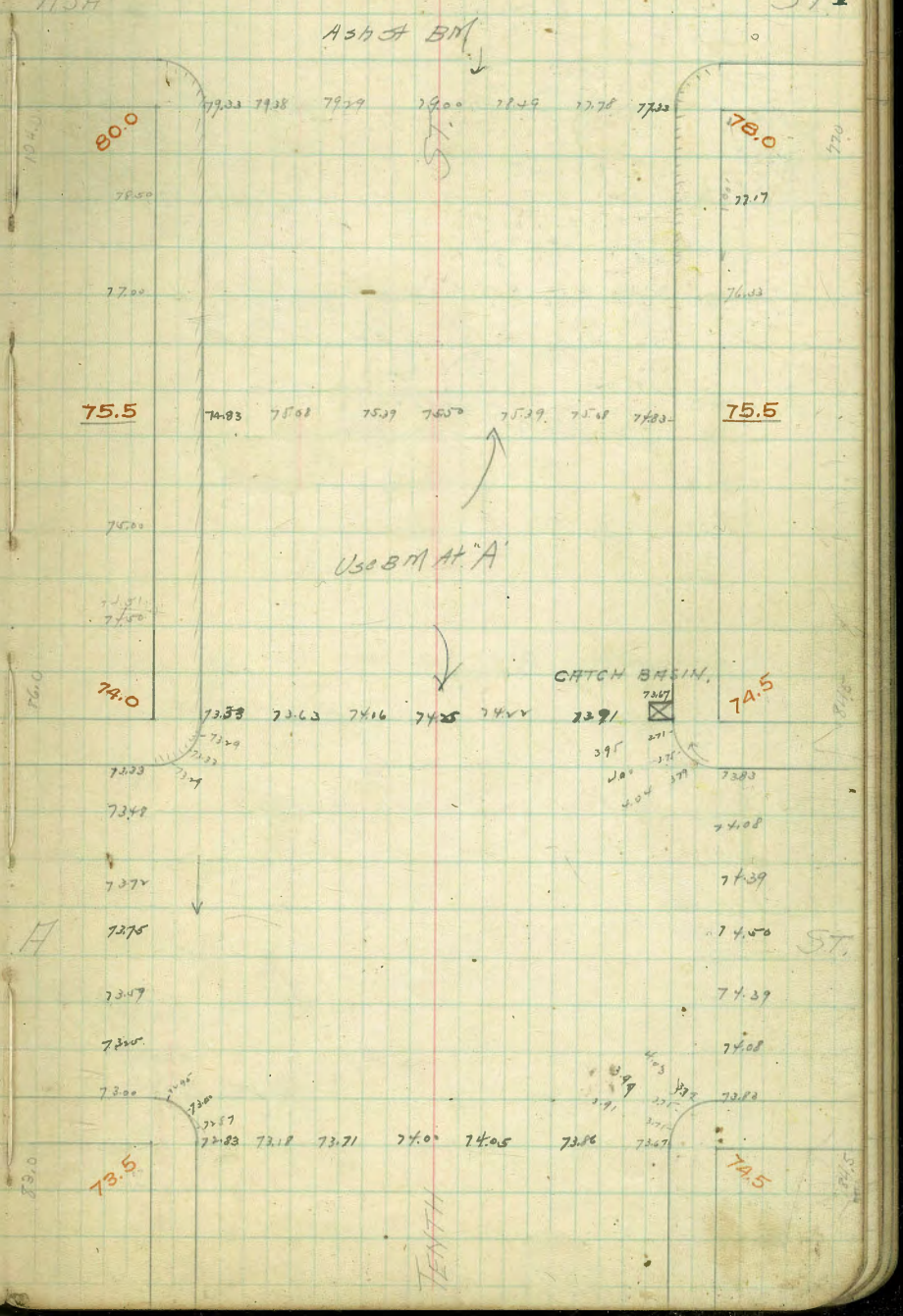
B.M. 108.005 N.E. Beech plg.



B.M. 82.96 NW. fish plg.



B.M. T.E. 94 N.W.F. plg



B.M. 72.44 S.W.B 74.50 / 3.69

5.75 / 78.19 HI

72.94 / 5.98 / 78.92 HI

73.50 / 5.42 — 73.25 / 5.67 — 73.00 / 5.92 — 72.70 / 6.22

72.94 / 4.15 / 77.09 HI — 73.50 / 3.59

72.44 / 6.17 / 78.61 HI

71.50 / 7.11 — 72.67 / 5.94 — 72.94 / 5.71 / 78.65 — 73.67 / 4.98 — 72.83 / 5.78

72.44 / 4.87 / 77.31 HI

2.41 / 4.90 — 2.74 / 4.57 — 2.99 / 4.32 — 3.07 / 4.24 — 3.41 / 3.90 — 3.75 / 3.56

3.80 / 3.51 — 3.87 / 3.45 — 3.90 / 3.41 — 2.20 / 5.11 — 2.14 / 5.17 — 1.96 / 5.35 — 1.67 / 5.64

3.46 / 3.85 — 3.83 / 3.48 — 3.95 / 3.36

72.44 / 3.88 / 76.32 HI

71.54 / 4.88 — 71.60 / 4.72 — 71.55 / 4.77 — 2.63 / 3.69 — 2.72 / 3.60 — 2.67 / 3.65 — 2.75 / 3.57 — 2.63 / 3.69 — 2.67 / 3.65

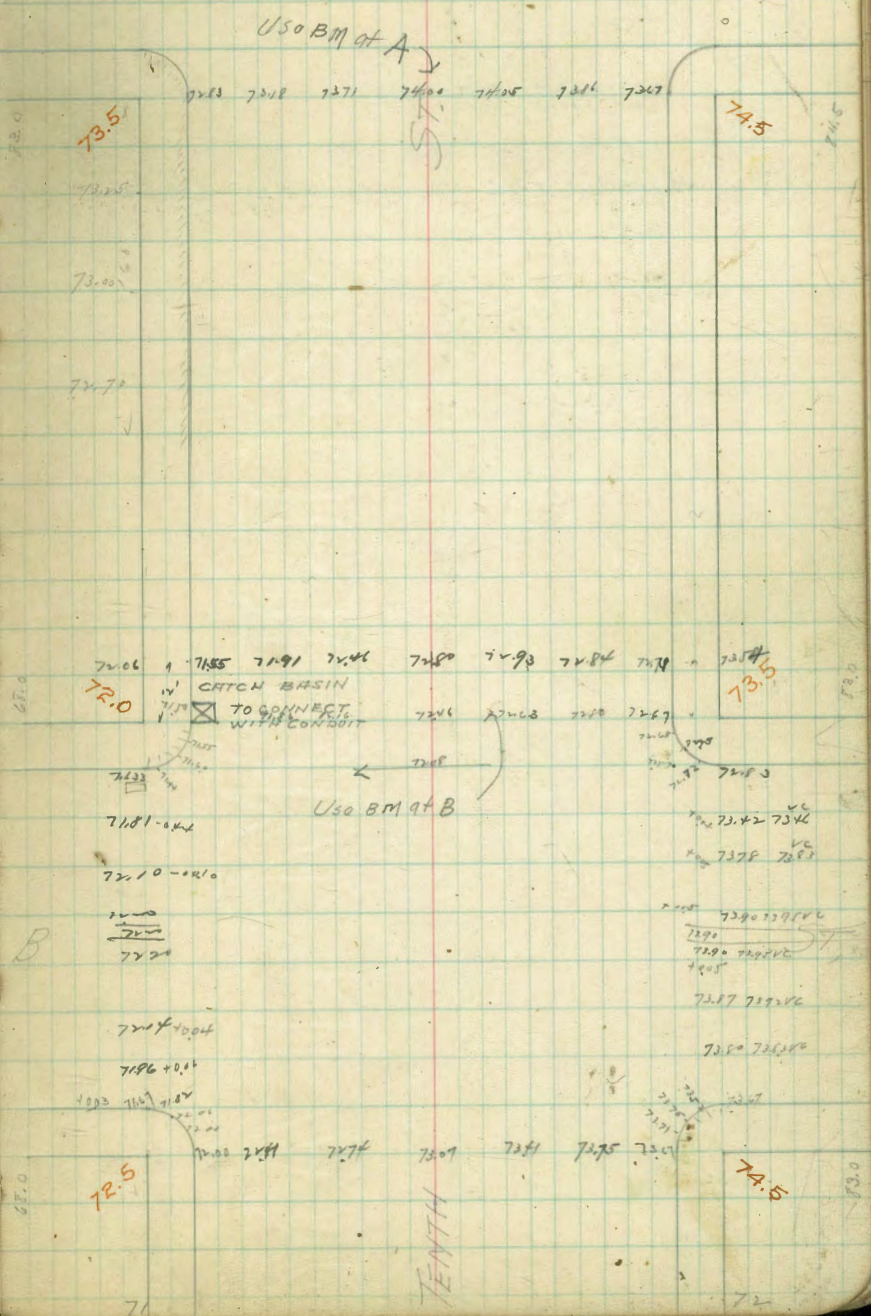
1.86 / 4.46 — 2.16 / 4.16 — 2.46 / 3.86 — 2.63 / 3.69 — 2.80 / 3.52 — 3.46 / 2.86 — 3.83 / 2.49 — 2.95 / 2.37

2.20 / 4.12 — 2.10 / 4.22 — 4.95 / 1.37 — 81 / .37 / 1.44

72.44 / 4.58 / 77.02 HI.B

72.94 / 4.16 / 77.04 HI — 3.18 / 3.86 — 3.71 / 3.33 — 4.02 / 3.02 — 4.05 / 2.97 — 3.86 / 3.16

1.91 / 5.11 — 2.46 / 4.56 — 2.80 / 4.22 — 2.93 / 4.09 — 2.84 / 4.18



B.M. 70.98 N.W.C. p/g. 72.44 S.W. B.

72.44 / 4.50 / 76.94 HI — 73.41 / 3.53

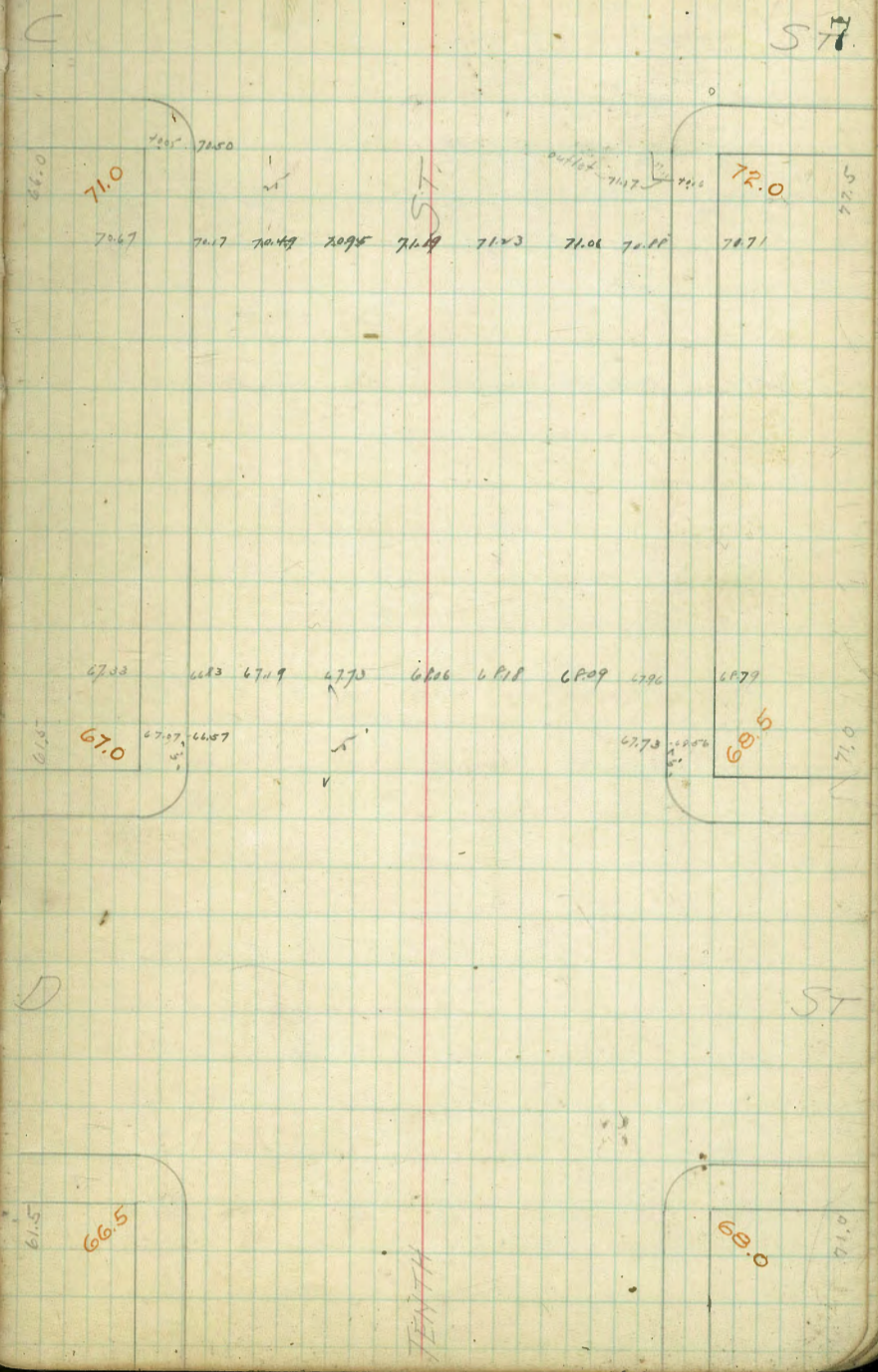
72.44 / 4.42 / 76.86 HI — 6.58 / 70.28 — 5.62 / 71.24 — 71.38 / 5.48 — 70.62 / 6.24

72.44 / 3.31 / 75.75 HI — 2.41 / 3.34 — 2.74 / 3.01 — 3.07 / 2.68 — 3.41 / 2.34 — 3.75 / 2.00

0.94 / 4.81 — 1.31 / 4.44 — 1.67 / 4.08 — 1.72 / 4.03 — 1.41 / 4.34 — 1.55 / 4.20 — 2.35 / 3.40 — 2.99 / 2.76 — 3.42 / 2.33 — 3.64 / 2.11 — 3.65 / 2.10

B.M. 67.01 N.W.D. plg

	7.24 / 74.25 N1		3.70 / 70.55	3.08 / 71.17	67.73 / 65.2	66.57 / 7.68	
67.01 / 5.78 / 72.79	7.19 / 5.60	7.73 / 5.06	8.06 / 4.73	8.18 / 4.61	8.09 / 4.70		
	0.49 / 2.30	0.95 / 1.84	1.19 / 1.60	1.23 / 1.56	1.06 / 1.73		



B.M. 62.50 N.W.E. p/g

372 — 66.22 N.I. — 61.67 — 4.55

62.50 — 6.55 — 69.05 N.I. — 62.00 — 7.05 — 62.17 — 6.88 — 65.50 — 3.55 — 64.67 — 4.38 — 73 — .8

62.50 — 5.67 — 68.17 N.I. — 3.02 — 65.15 — 1.70 — 66.47 — 65.74 — 2.43 — 6.61 — 1.56 — 7.07 — 1.10 — 7.12 — 1.04 — 6.79 — 1.38

2.60 — 5.57 — 55 — 3.17 — 2.97 — 5.26 — 3.12 — 5.04 — 3.08 — 5.09 — 2.81 — 5.36 — 5.66 — 2.51 — 5.81 — 2.36 — 5.75 — 2.42 — 5.48 — 2.69

D — ST 8

61.5 — 66.5 — 66.34 — 65.15 — 65.74 — 66.61 — 67.07 — 67.13 — 66.79 — 66.47 — 68.0 — 67.50 — 71.0

65.17 — 64.67 — 65.00 — 65.48 — 65.75 — 65.81 — 65.66 — 65.50 — 66.33

62.83 — 62.32 — 62.60 — 62.97 — 63.13 — 63.08 — 62.81 — 62.59 — 63.42

57.5 — 62.5 — 62.00 — 62.26 — 62.61 — 62.75 — 62.68 — 62.40 — 62.17 — 63.0 — 64.0

61.67

E — ST

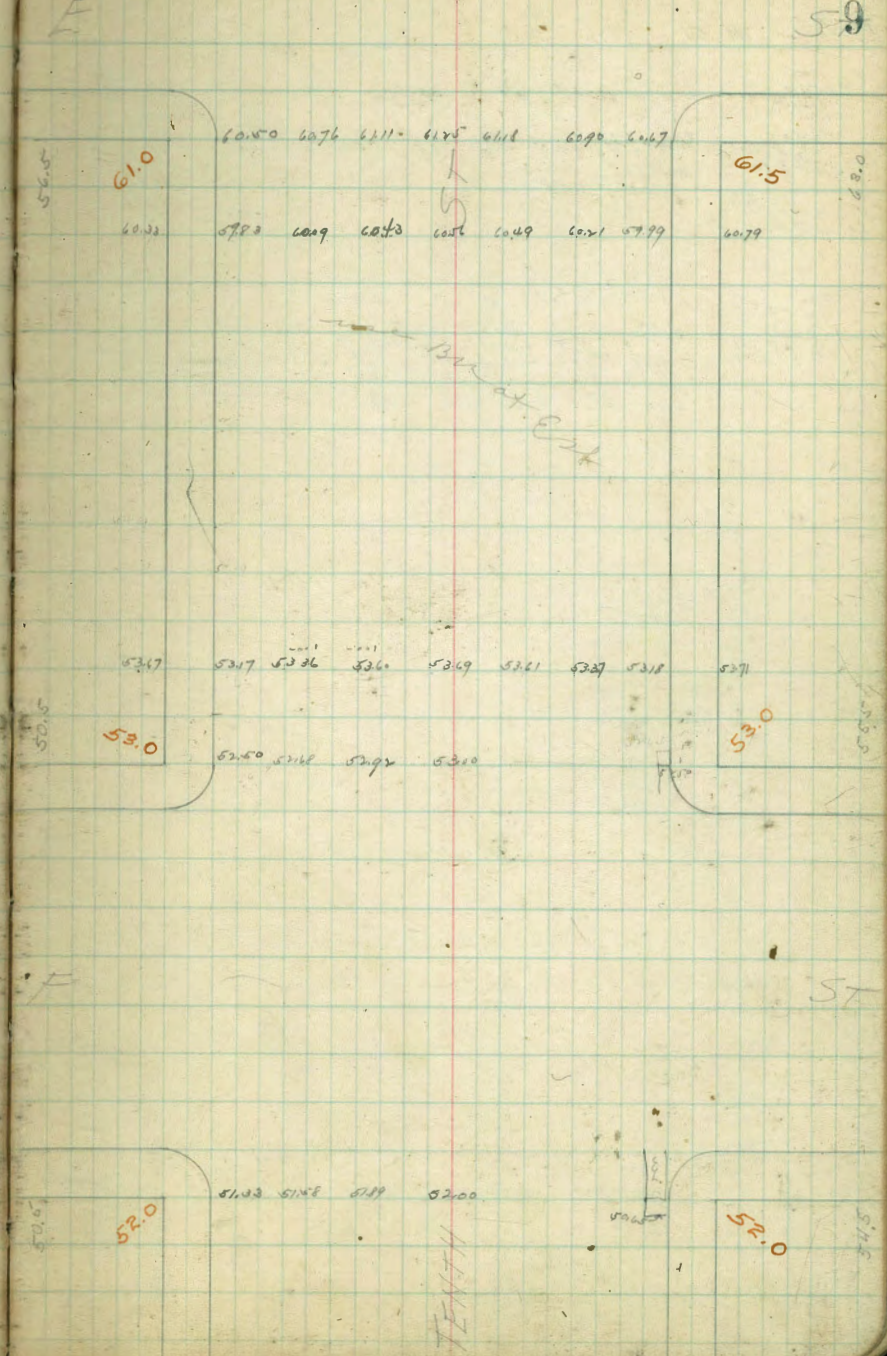
61.00

56.5 — 61.0 — 61.5 — 63.0

TENTH

B.M. 52.96 N.W. F p/g

62.50							
0.72	60.50	60.67	54.49	60.57			
63.22 Hg	2.72	2.55	8.73	52.65			
62.50	60.09	60.43	60.56	60.49	60.21		
1.4	2.55	2.21	2.08	2.15	2.43		
62.64 Hg	53.17	53.36	53.62	53.69	53.61	53.37	53.84
	9.49	9.28	9.04	8.95	9.03	9.27	8.80



B.M. 46.51 N.E.G

45.67 45.17 43.67 44.17 38.67 38.01
9.98 1.48 2.98 2.48 7.98 8.64

46.51
1.4
46.65 M

1.33 1.09 4.04 0.83 0.33 9.83 9.33 8.81 4.9.50
3.37 3.61 5066 3.87 4.37 4.87 5.37 5.89 5.20

52.96
1.4
54.70 M

8.29 7.77 7.25 6.73 6.21 5.69 5.17 9.50 2.15 2.09
6.41 6.93 7.45 7.97 8.49 9.01 9.53 5.20 2.55 2.61

44.17 37.95
4.80 18.02

46.51
2.46
48.97 M

45.92 6.21 6.25 6.02 5.52 5.17
6.77 6.48 6.44 6.67 9.17 9.52

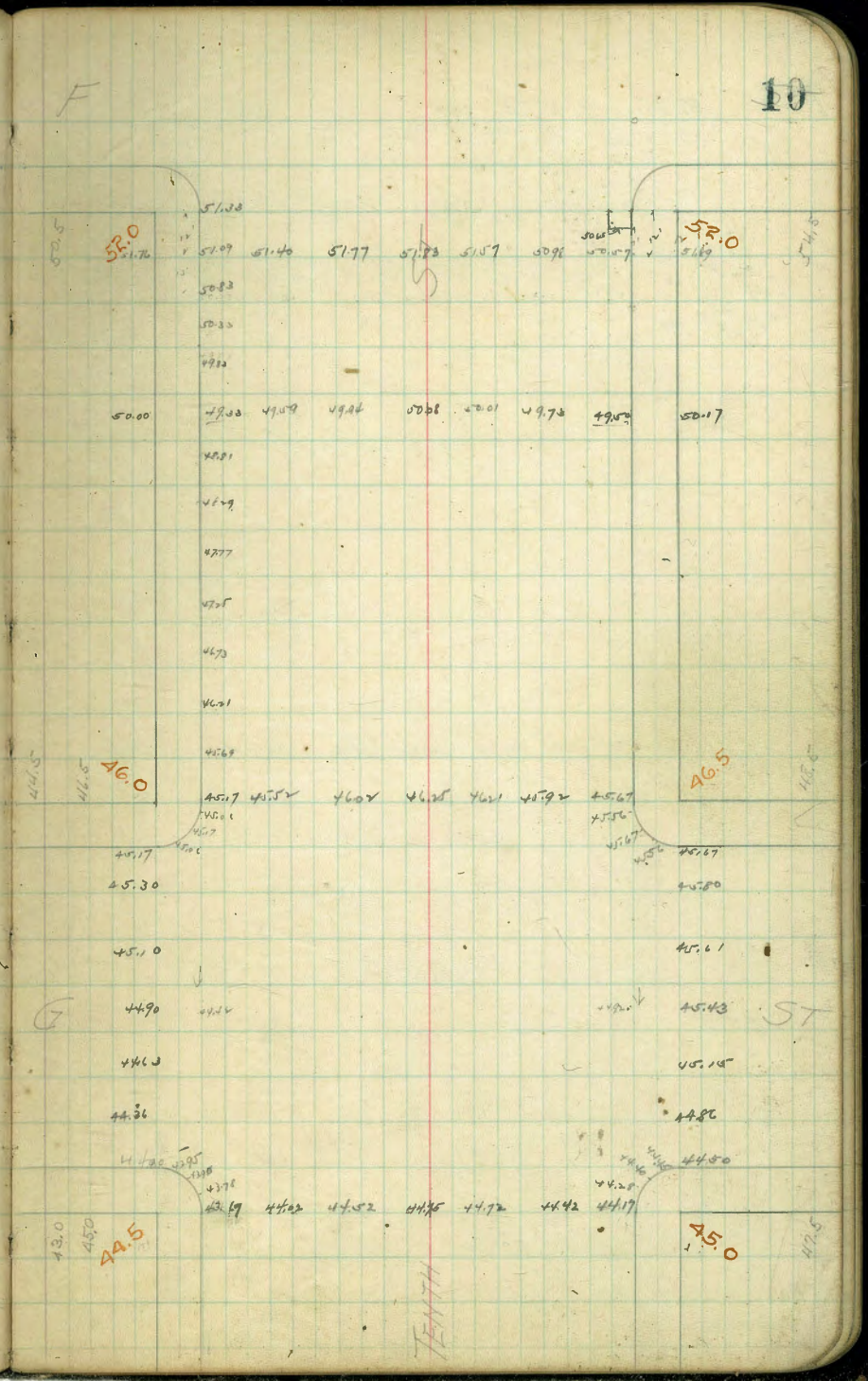
46.51
6.18
52.69
46.51
2.37
48.88 M

9.59 9.94 50.08 0.01 9.73 0.98 1.57 1.83 1.77 1.40
3.10 2.75 2.61 2.68 2.96 1.71 1.12 0.86 0.92 1.29

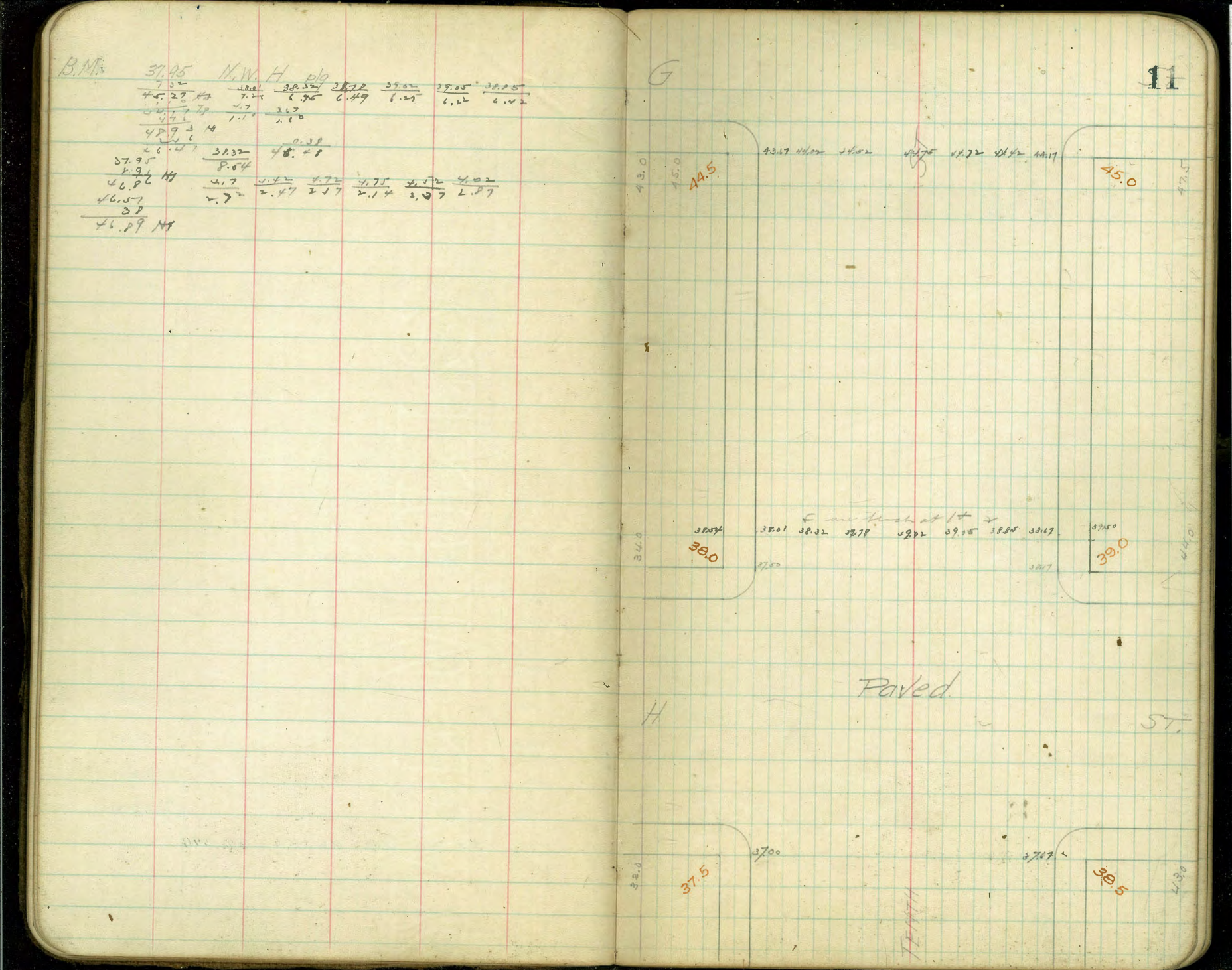
5.06 5.67 5.06 5.17 4.00 3.95 3.90 3.78
3.32 3.27 3.82 3.71 4.88 4.93 4.98 5.10

4.28 4.40 4.45 4.50 4.86 5.15 5.45 5.61 5.80
4.60 4.48 4.43 4.38 4.02 3.73 3.45 3.27 3.08

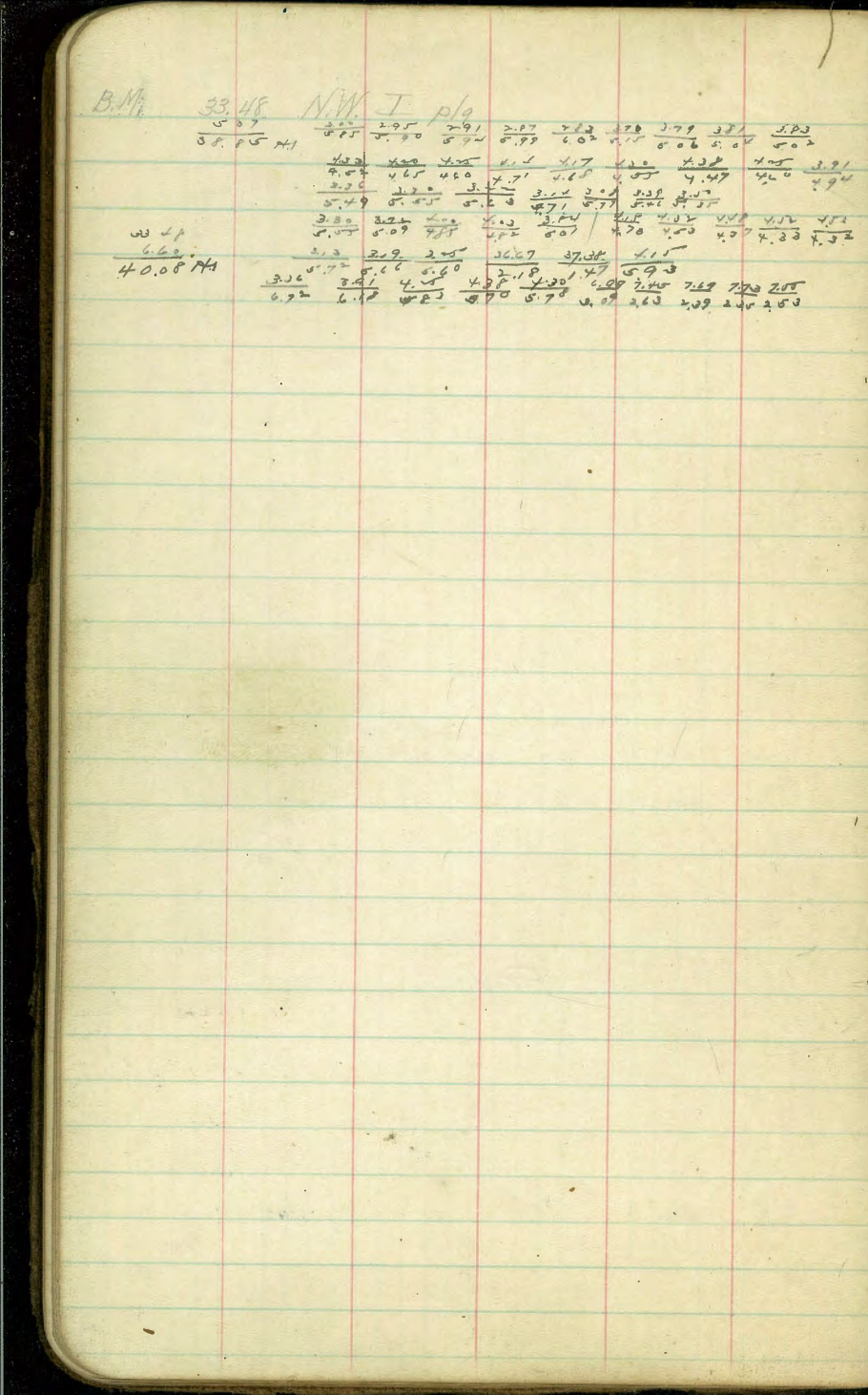
5.92 6.21 5.17 5.30 5.10 4.90 4.63 4.36 4.12
2.96 2.67 3.71 3.58 3.78 3.98 4.25 4.52 4.86

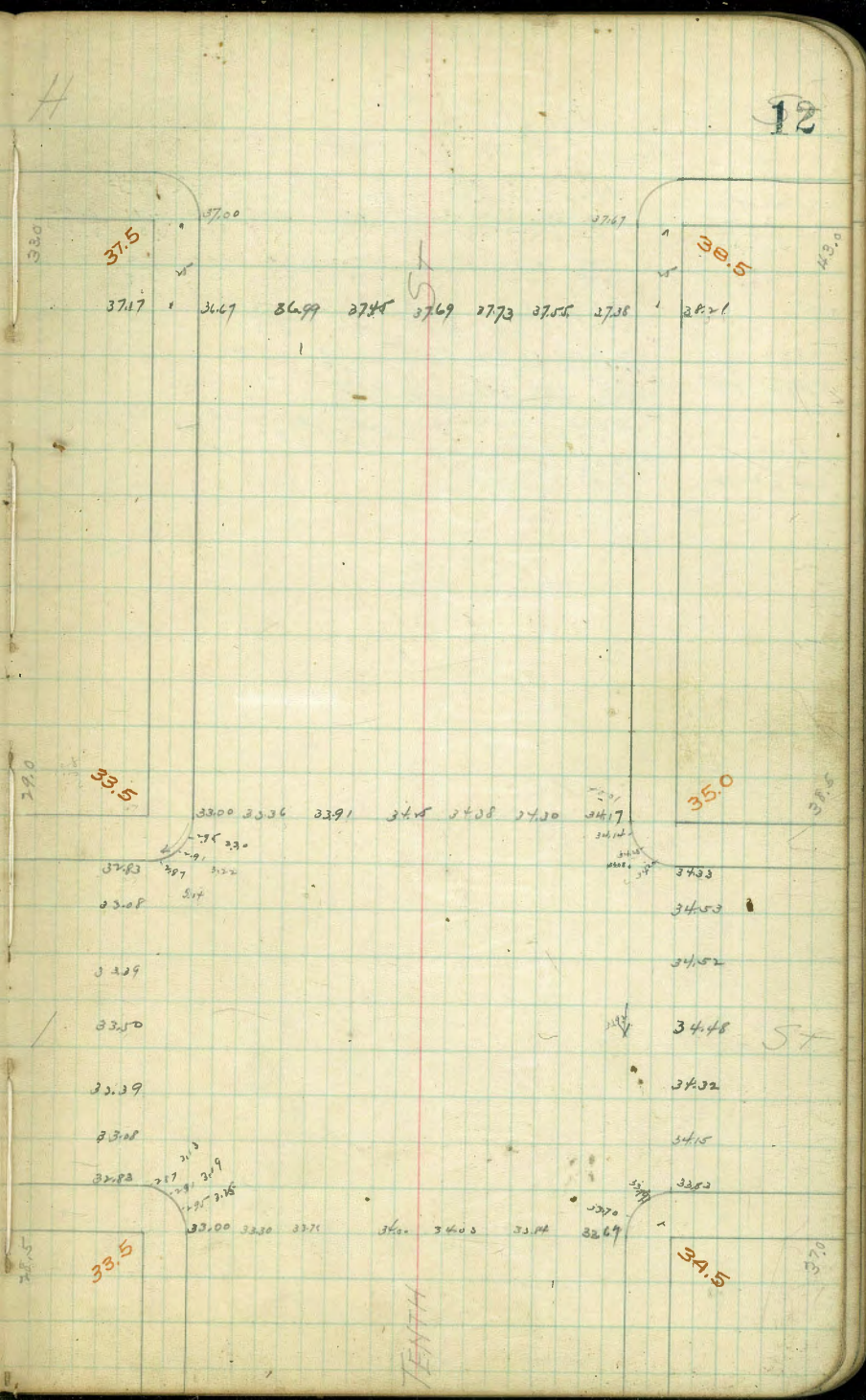


B.M. 37.95 N.W. H dig

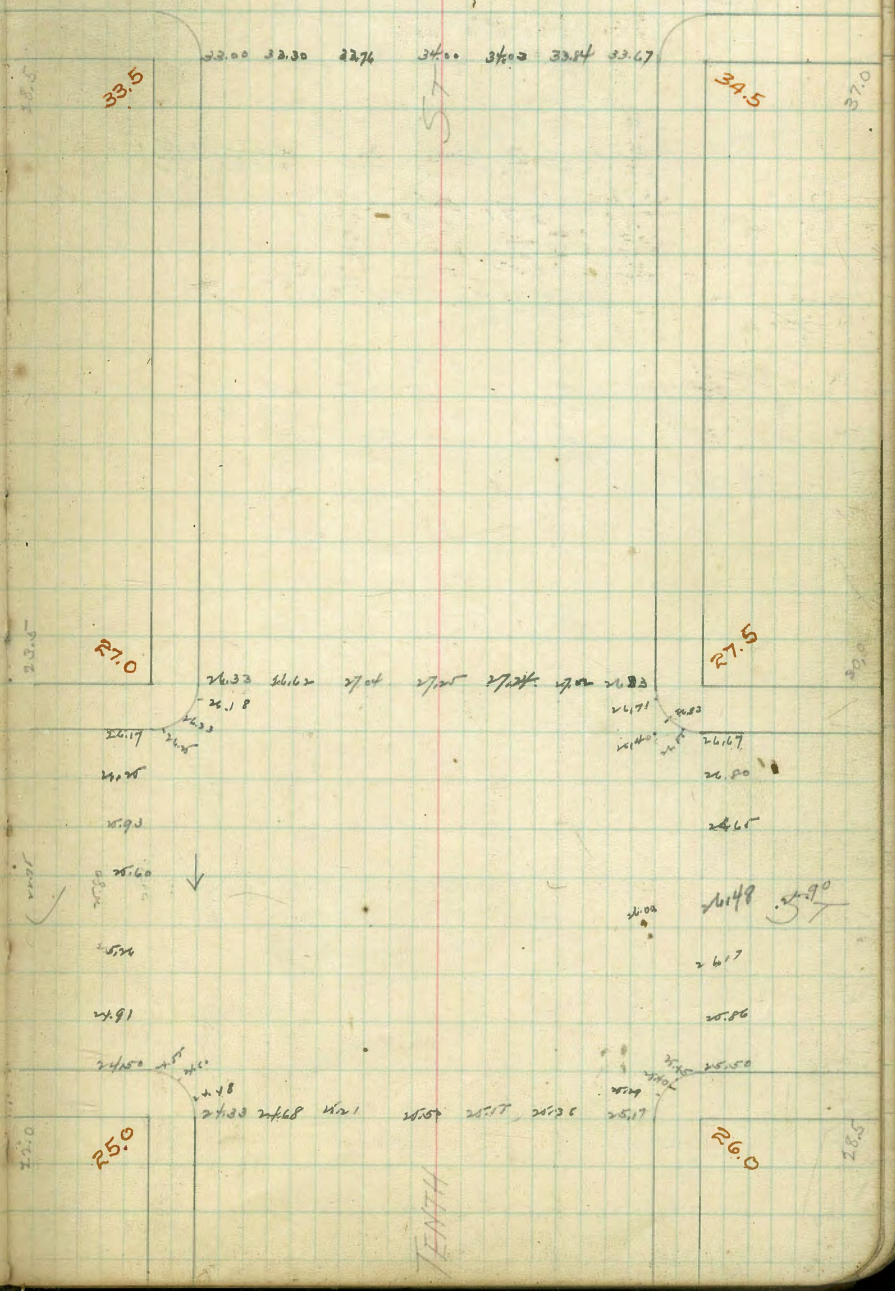


B.M. 33.48 N.W. I p/g

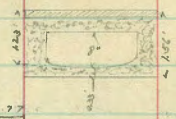




BM: 26.98 N.W. J plg



B.M. 20.02 N.W.K p/9
4.16
24.18 Hs



19.43 / 4.75 18.77 / 5.41 19.22 / 4.96
18.55 / 5.63 17.87 / 6.31 17.67 / 6.51 17.62 / 6.56 17.77 / 1.41
19.41 / 4.77 17.77 / 6.41 17.72 / 6.46

26.92
.17
27.09 Hs

24.68 / 2.41 25.36 / 1.73 25.50 / 1.59 25.70 / 1.39 25.36 / 1.73
19.81 / 7.28 20.12 / 6.97 20.22 / 6.87 20.11 / 6.98 19.78 / 7.31 5.21 / 4.88 5.55 / 1.54

20.02
2.79
22.81 Hs.

3.89 / 18.92 / 17.09 19.10 / 3.71 18.53 / 4.28 4.28 / 3.71 / 7.99 / 0.99
4.29 / 18.54 4.34 / 18.59

20.02
3.91
23.93 Hs

19.60 / 4.33 19.55 / 4.38 19.41 / 4.52

20.02
3.80
23.82 Hs

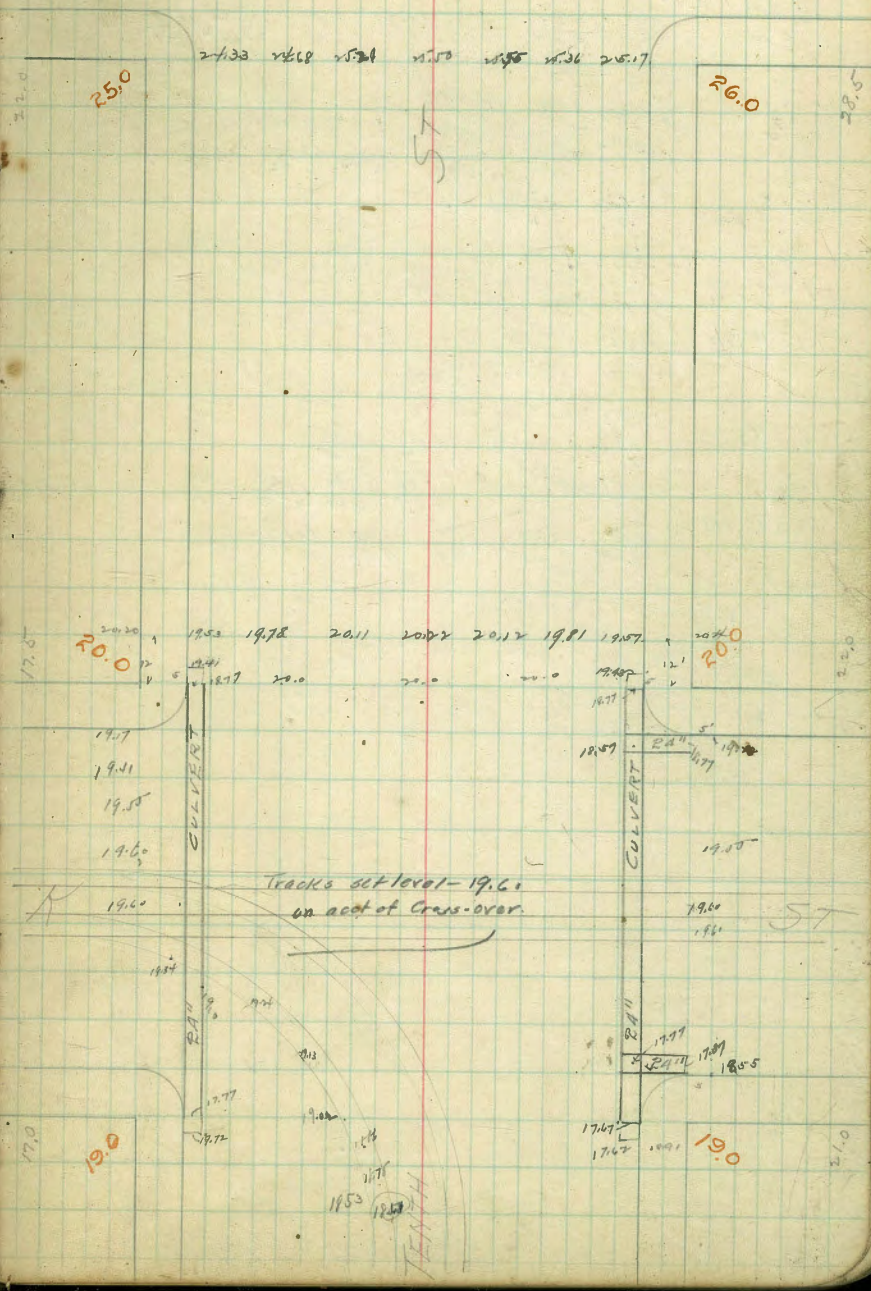
19.60 / 4.22 4.10 / 19.03 4.07 / 19.04 pg

20.02
3.51
23.53 Hs

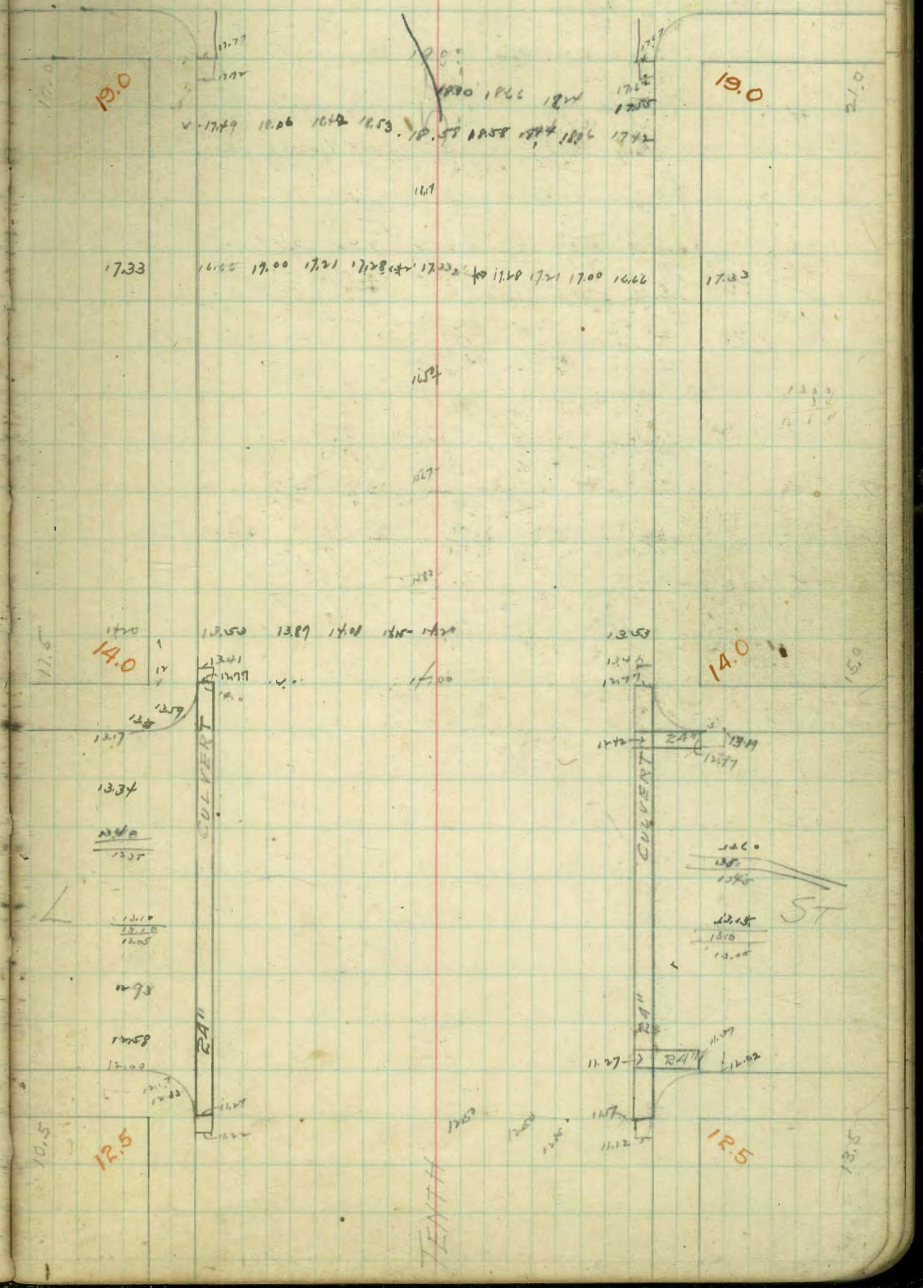
4.07 / 19.34 4.17 / 19.24 4.35 / 19.06 4.47 / 18.94 4.55 / 18.86 4.66 / 18.75 4.80 / 18.61

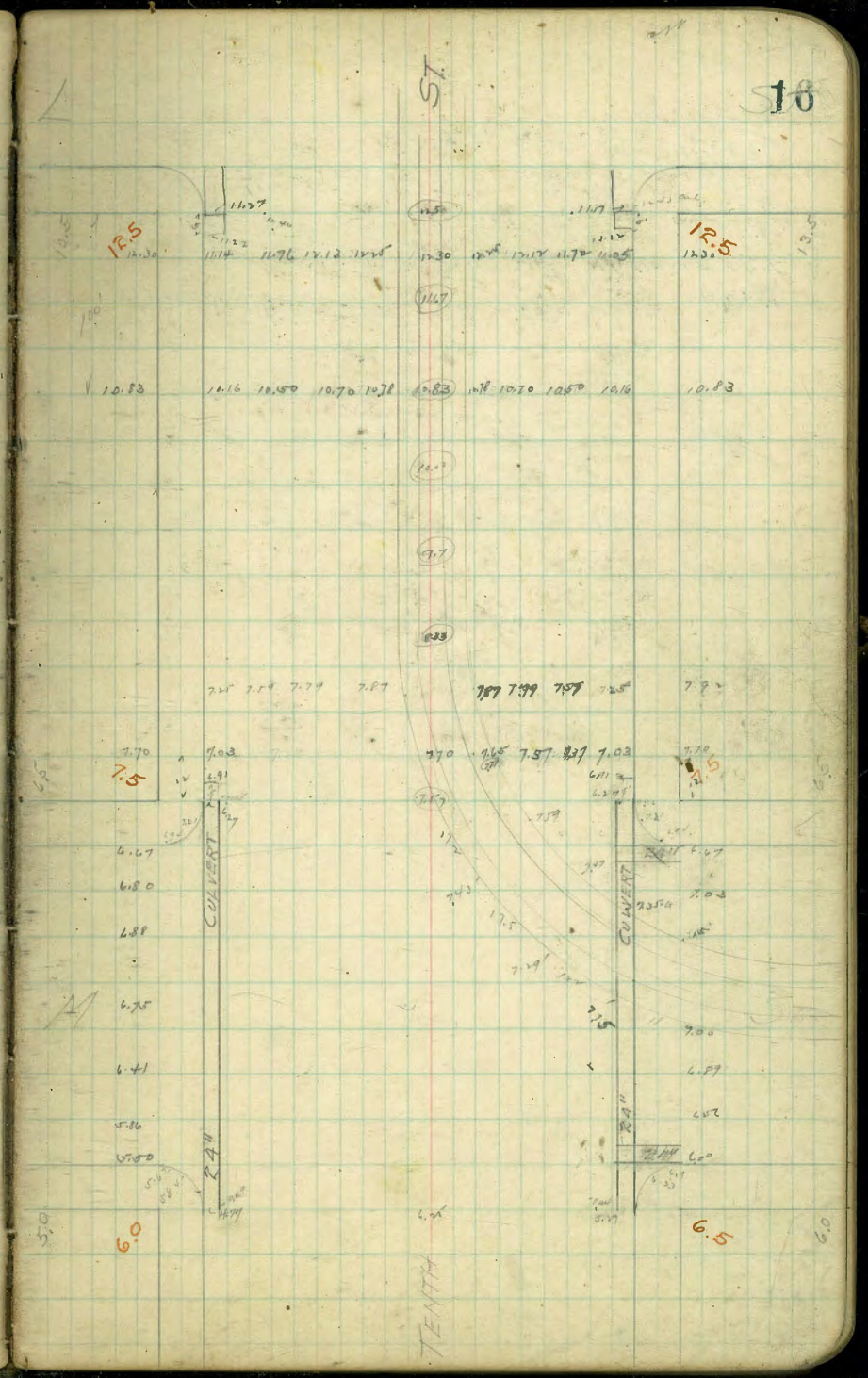
20.02
3.39
23.41 Hs

19.02 / 4.39 19.13 / 4.28 19.24 / 4.17 18.86 / 4.55 18.75 / 4.66



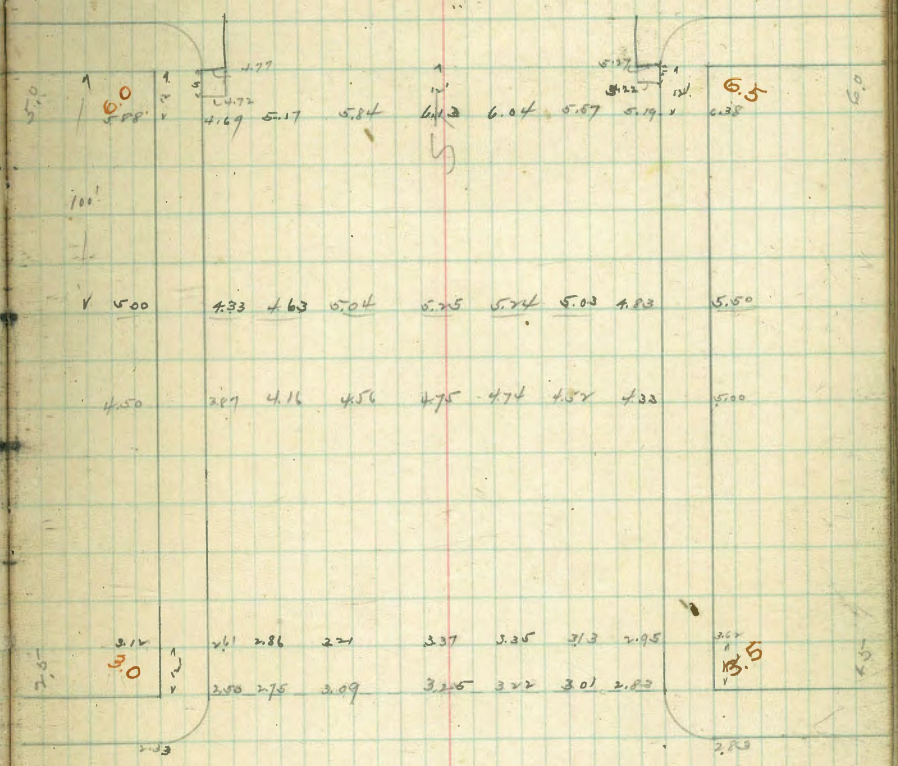
BM 14.11 N.W.L D/g




ST.
CULVERT
CULVERT
TENTH

7.48 BM N.E.M.

2.05	4.13	4.33	2.50	2.83						
9.50 Ht	4.67	5.17	7.00	6.67						
7.48	5.57	6.04	6.13	5.84	5.17	4.63	5.04	5.25	5.24	5.03
1.97	3.88	3.41	3.32	3.61	4.28	4.82	4.41	4.20	4.21	4.42
9.45 Ht	2.75	2.95	3.10	3.08	3.01	3.13	3.35	3.37	3.21	2.86
	6.70	6.50	6.35	6.37	6.44	6.32	6.10	6.08	6.24	6.59
7.48 BM	4.16	4.56	4.75	4.74	4.52					
1.31	4.63	4.23	4.04	4.05	4.27					
8.79 Ht	2.75	3.09	3.25	3.22	3.01					
	6.04	5.70	5.54	5.57	5.78					



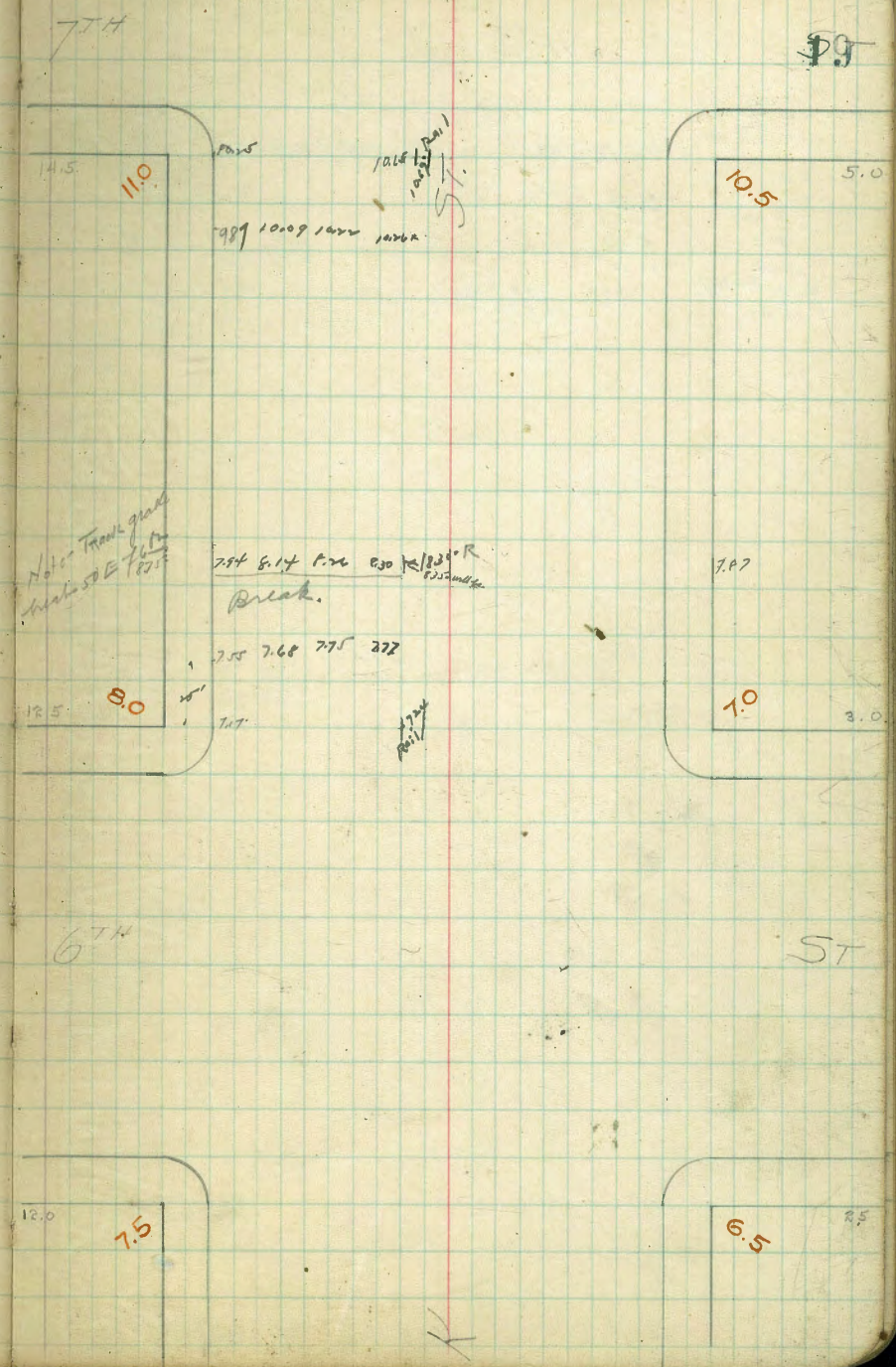
SIXTH S.E. 6.98

11.15
2.39
13.44 Ht

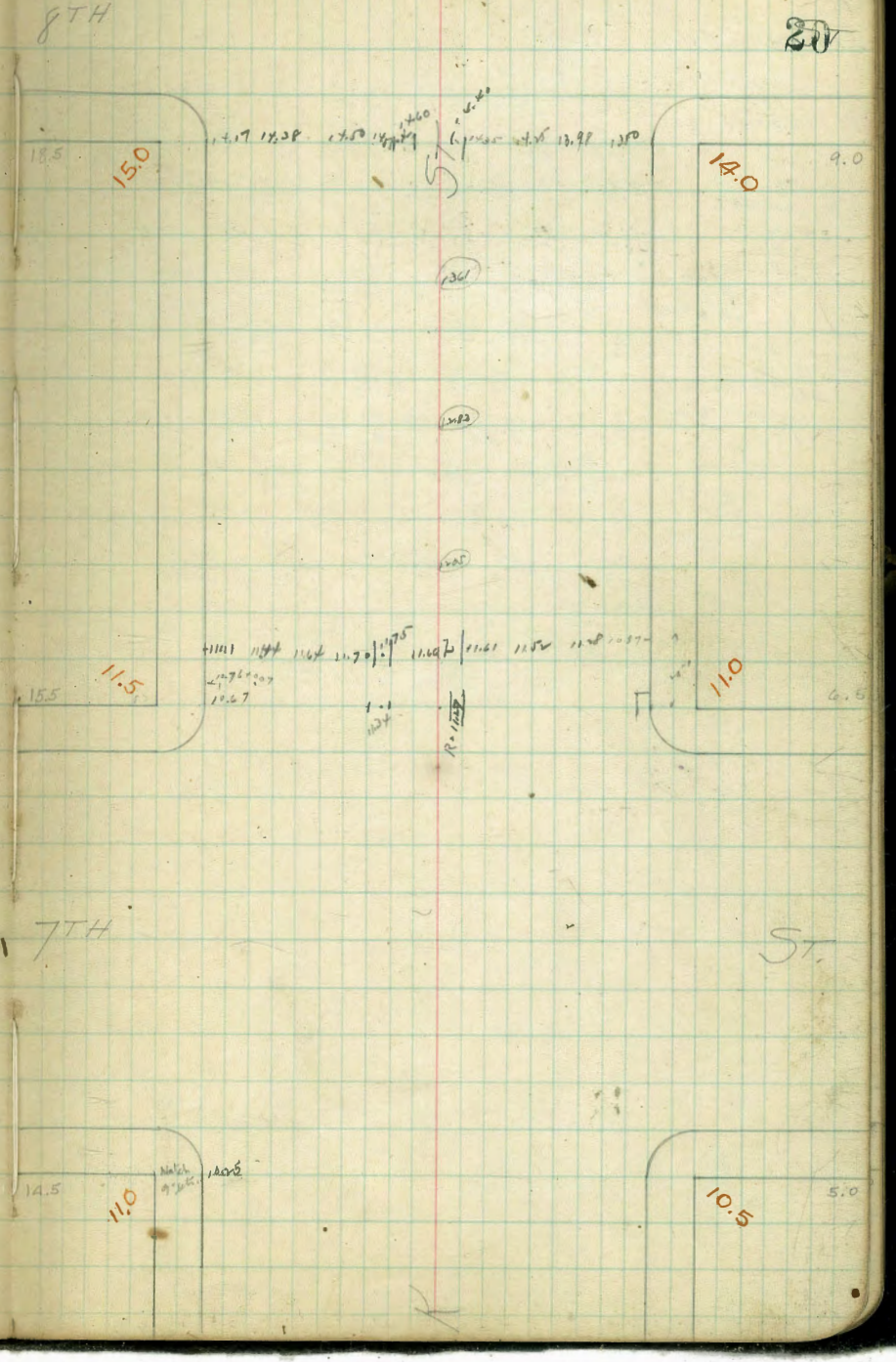
2.75 6.20 5.14
10.69 7.24 8.30

10.26 10.22 10.09 7.77 7.75 7.68
5.18 3.22 5.35 5.67 5.69 5.76

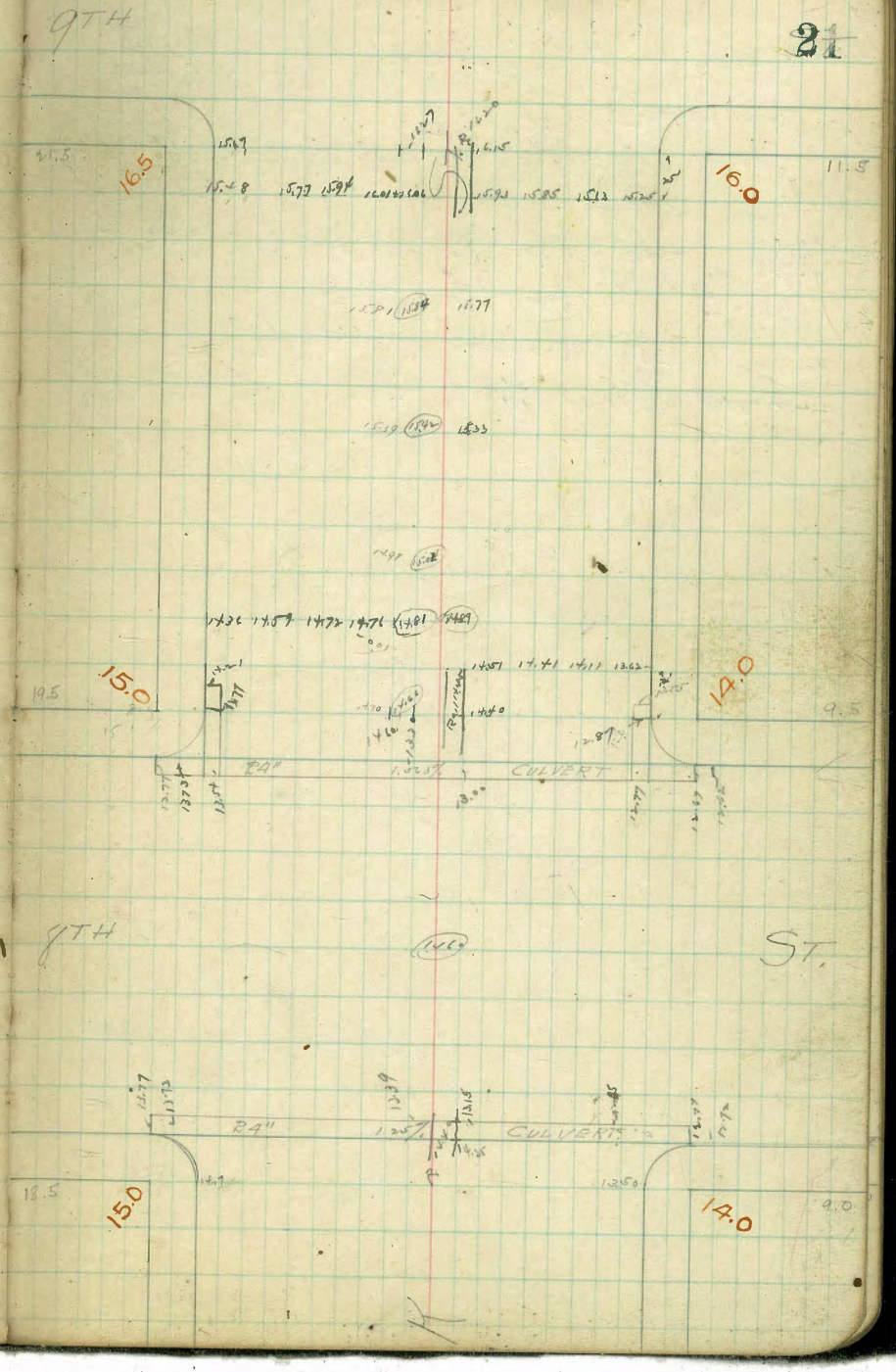
8.14 8.26 8.30
5.30 5.18 5.14

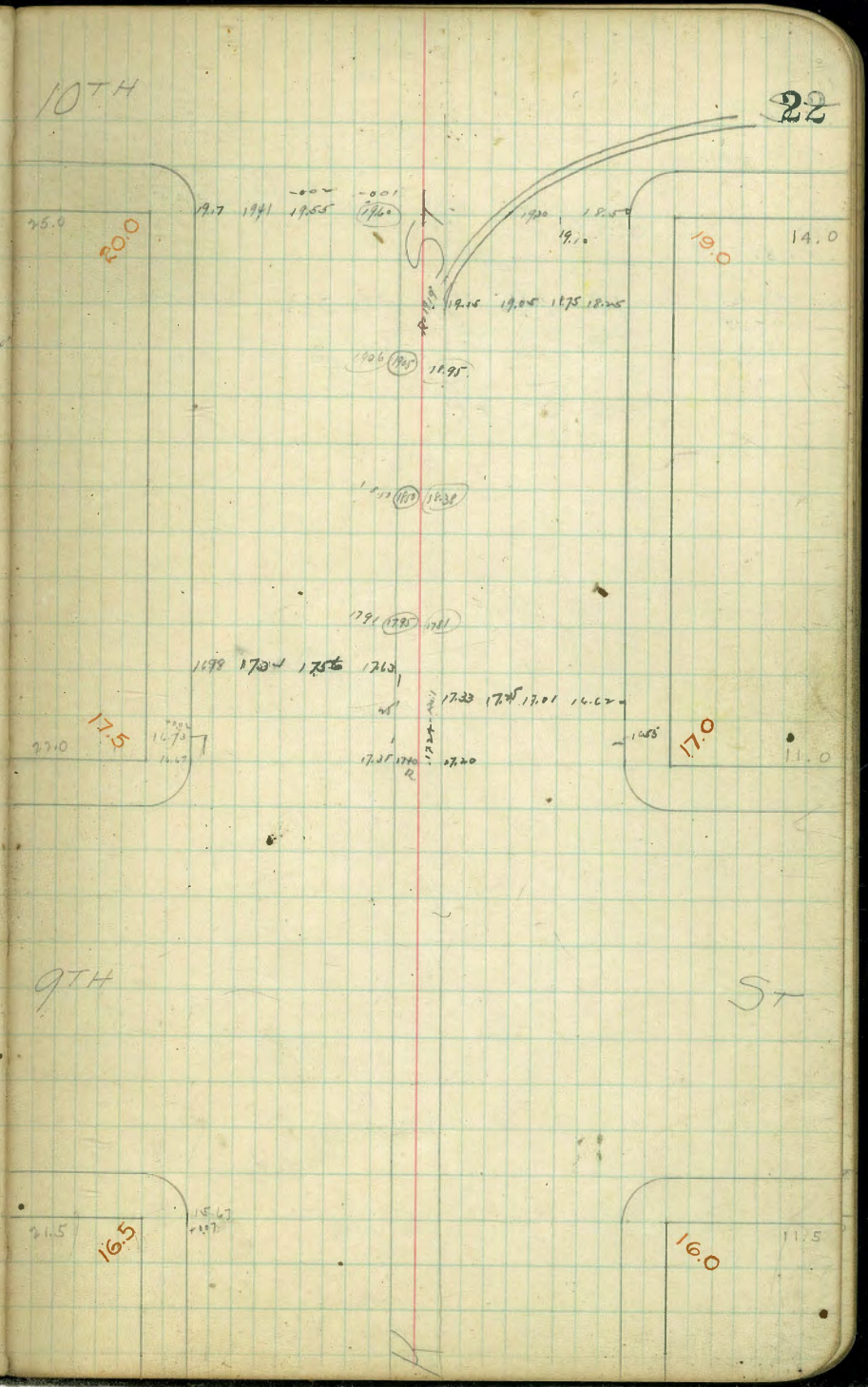


SEVENTH N.W.

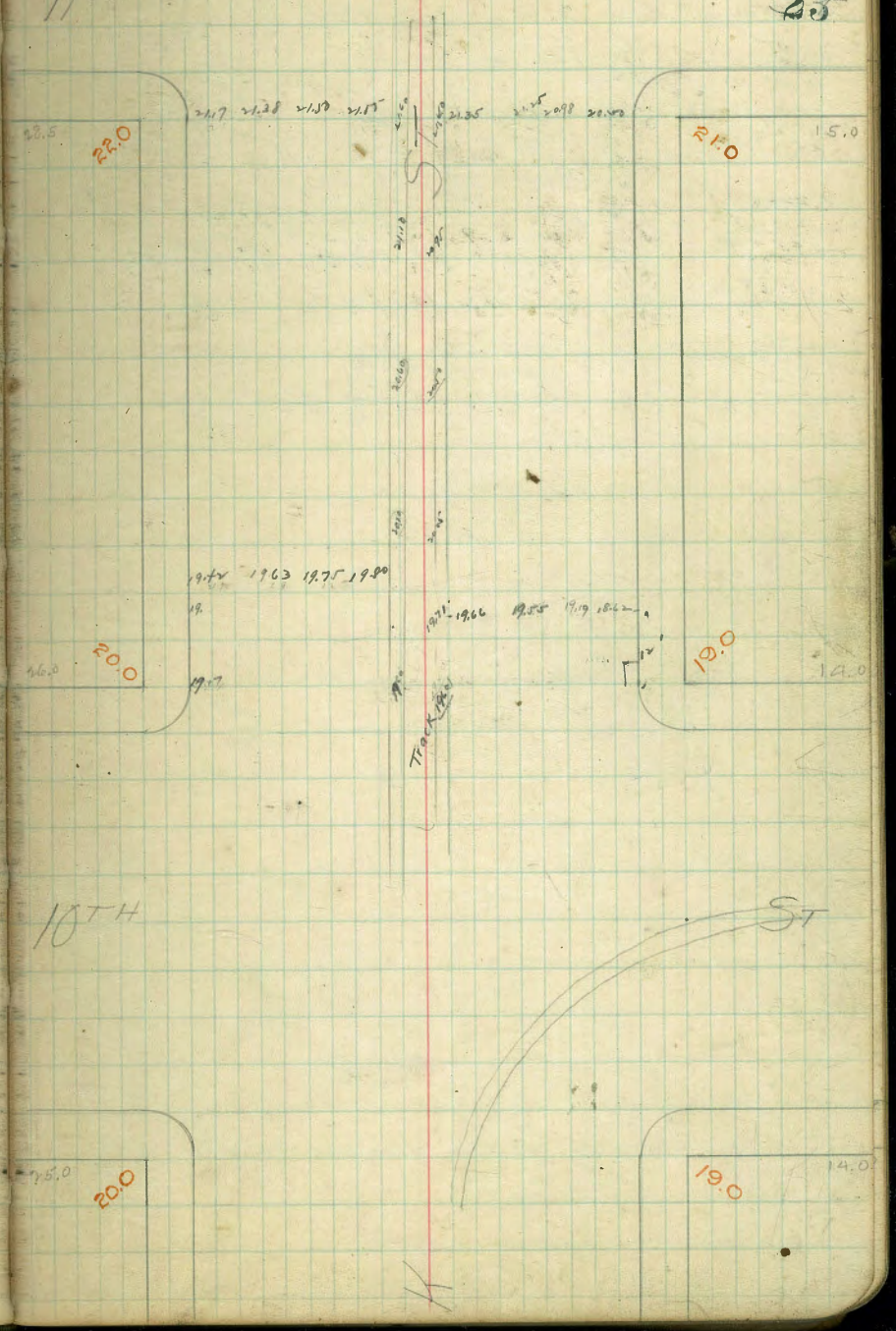


EIGHTH N.W

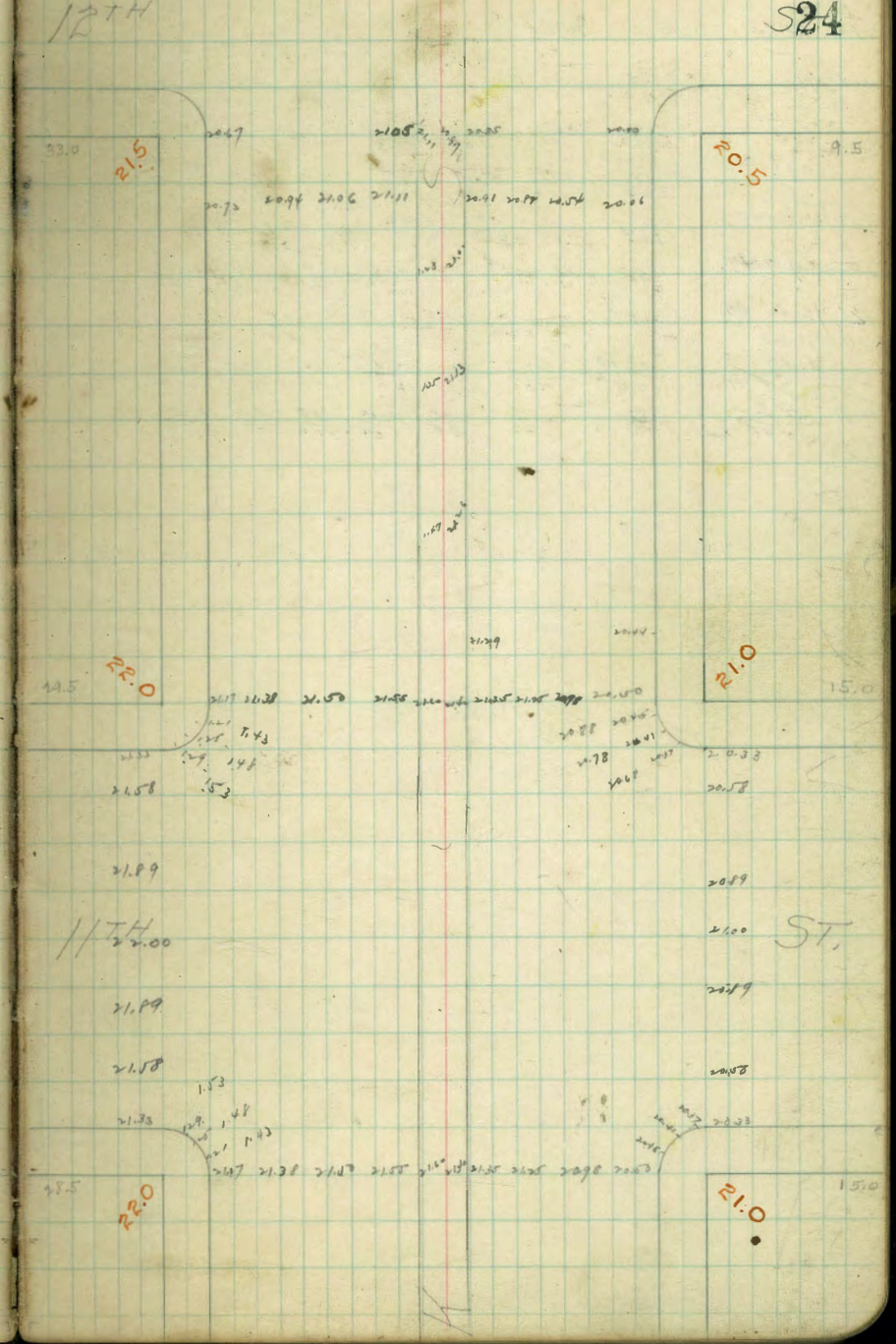



10TH
9TH
ST
20.0
19.0
14.0
17.5
17.0
11.0
16.5
16.0
11.5

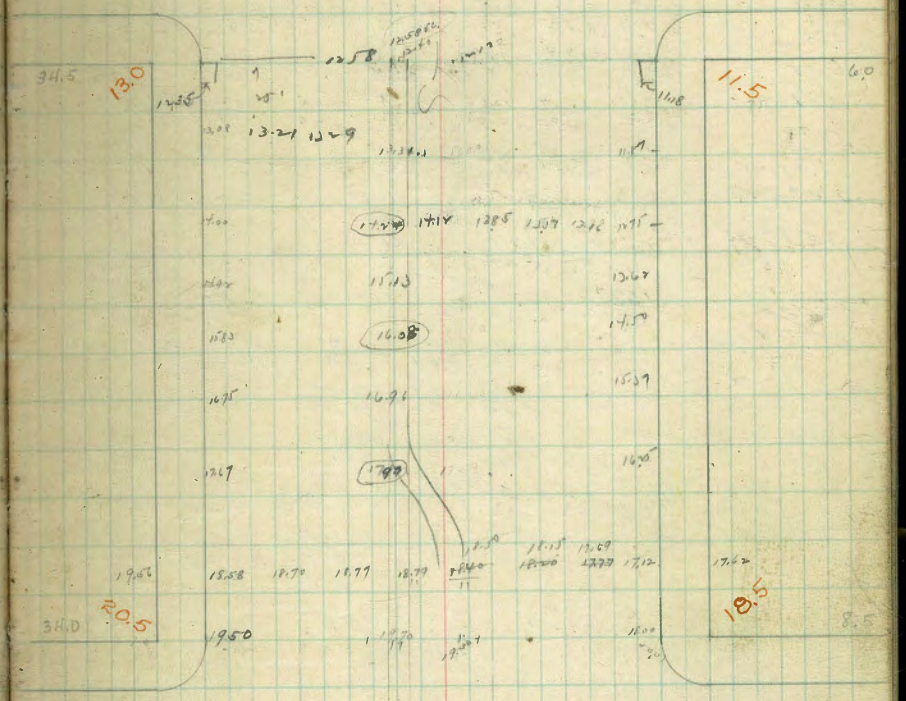
TENTH NW. RD.OR



ELEVENTH N.W.



TWELFTH N.W.



THIRTEENTH N.W.

12.98 / 4.06 / 17.04 Ht. — 12.36 / 4.68 — 11.18 / 5.86 — 11.54 / 5.50 — 12.19 / 4.85

12.98 / 2.99 / 15.97 Ht. — 10.67 / 5.30 — 11.16 / 4.81 — 10.62 / 5.35 — 10.77 / 5.20 — 10.90 / 5.07 — 12.83 / 4.18

13.95 / 3.10 / 17.05 Ht. — 13.83 / 3.21 — 13.74 / 3.27 — 13.56 / 3.45 — 13.26 / 3.75 — 12.60 / 4.41 — 12.67 / 4.34 — 60 / 4.41 — 40 / 4.61 — 06 / 4.95

12.98 / 3.43 / 16.41 Ht. — 10.17 / 6.24 — 10.37 / 6.04 — 10.86 / 5.55 — 10.27 / 6.14 — 10.12 / 6.29 — 12.02 / 3.93

12.98 / 2.77 / 15.95 Ht. — 36 / 12.60 — 12.37 / 3.58 — 2.88 / 13.07 — 3.67 / 12.28 — 11.53 / 4.42 — 11.98 / 3.97

12.98 / 3.81 / 16.79 Ht. — 12.36 / 3.59 — 12.72 / 3.23 — 12.96 / 2.99 — 11.98 / 3.97

12.67 / 4.12 — 11.77 / 5.02 — 11.54 / 5.25 — 5.26 / 12.03 / 87 — 5.75 / 12.54 — 5.75 / 12.48

12.98 / 4.31 / 17.29 Ht. — 11.77 / 5.02 — 11.28 / 5.31

11.77 / 5.52 — 12.69 / 4.60 — 11.43 / 5.86 — 11.07 / 6.22 — 11.50 / 5.79 — 5.26 / 12.87

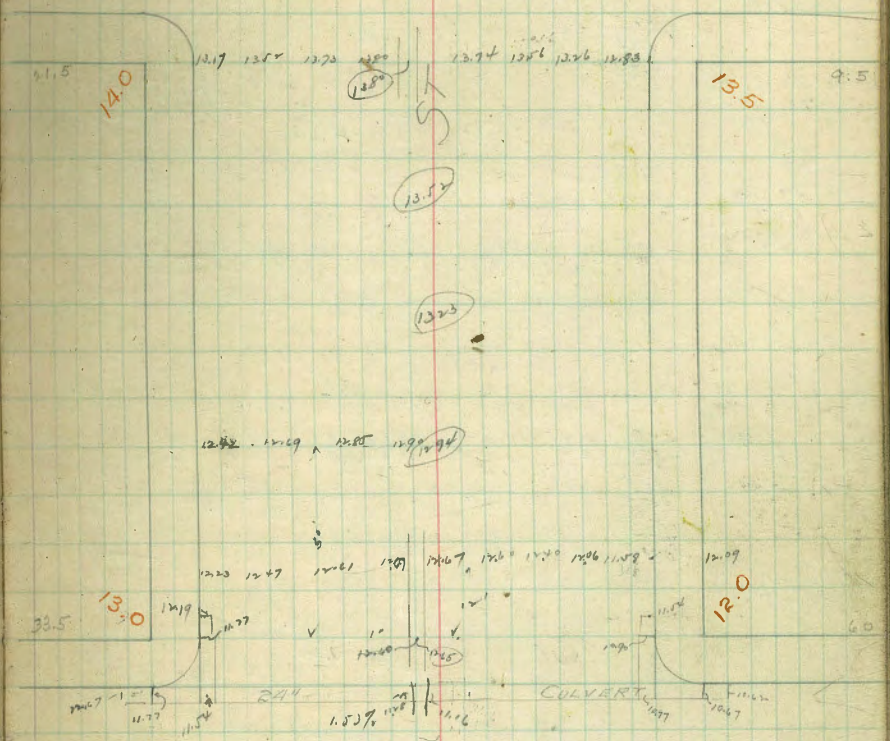
5.73 / 12.40 — 12.69 / 5.44 — 12.85 / 5.28 — 12.90 / 5.23 — 12.60 / 4.15 — 12.67 / 4.08 — 12.61 / 4.14 — 2.47 / 4.28

~~18.13 Ht.~~ 12.98 / 3.73 / 16.71 Ht. — 13.00 / 3.71 — 12.60 / 4.11 — 12.43 / 4.28

3.77 / 12.98 / 16.75 Ht. — 4.63 / 12.54 — 4.73 / 12.44 — 4.51 / 12.66 — 4.52 / 12.65 — 4.28 / 12.89 — 4.23 / 12.94 — 3.99 / 13.18 — 3.91 / 3.28 — 3.67 / 13.50 — 3.67 / 13.50

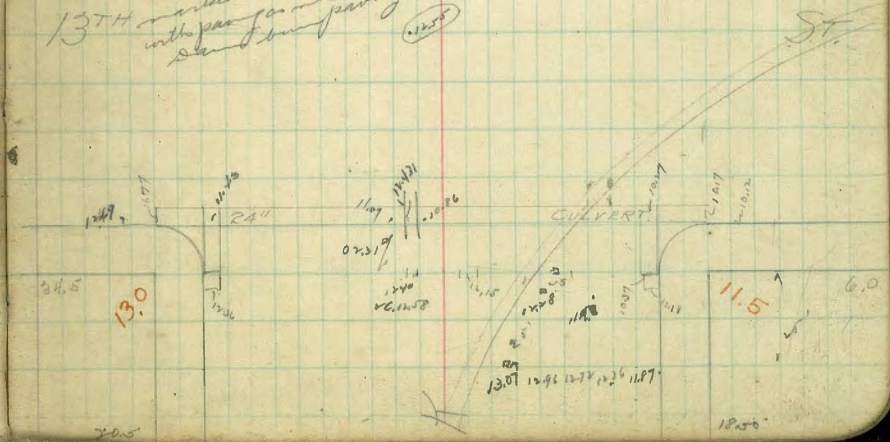
12.98 / 4.19 / 17.17 Ht. — 3.42 / 13.75 — 3.42 / 13.75 — 3.39 / 13.78 — 3.39 / 13.78 — 13.80 / 3.37 — 3.52 / 3.65 — 3.23 / 3.94 — 12.94 / 4.23 — 12.65 / 4.52 — 12.55 / 4.62

14TH



Note - Track set to grades marked in circle to conform with pavings as near as possible. Dam burn paving.

13TH



FOURTEENTH N.W.

13.91 4.48 18.43 HI | 14.00 4.43 | 13.50 4.93 | 12.83 5.60 | 13.17 5.26

19.79 HI.

13.70 6.09 | 13.61 6.18 | 13.53 6.26 | 12.86 6.93

16.48 2.70 19.18 HI.

14.55 14.63 | 15.83 3.35 | 16.13 3.05 | 16.33 2.85 | 16.46 2.72 | 16.50 2.68 | 3.24 3.21 13.95 17.16 | 13.80 3.21 17.01

14.10 5.08 | 14.38 4.80 | 14.45 4.73 | 14.60 4.58 | 14.55 4.63

16.48 2.09 18.57 HI

14.52 4.05 | 14.46 4.11 | 14.29 4.28 | 14.02 4.55 | 13.54 5.03 | 13.95 4.62 | 14.22 4.35 | 4.39 4.18 | 4.45 4.12

13.26 5.31 | 13.56 5.01 | 13.74 4.83 | 13.80 4.77 | 13.80 4.77 | 3.21 | 12.98 4.03 17.01

17.05 1.80 3.25

17.05 HI | 3.10 13.91 | 13.50 3.45 | 13.80 3.49 | 13.74 3.55 | 3.56 3.73 | 4.26 4.03

17.01 HI. 13.91 3.38 17.29 HI.

12.82 4.46 | 2.87 4.42 | 12.15 4.44 | 12.83 4.46 | 13.26 4.03 | 13.08 4.21 | 13.39 3.90 | 13.50 3.79

13.08 4.27 | 13.39 3.96 | 13.50 3.85

13.91 3.44 17.35 HI

14.13 4.89 | 13.97 5.05 | 13.91 5.11 | 14.60 4.42 | 14.54 4.48 | 14.39 4.63 | 16.50 2.52 | 16.40 2.62 | 16.13 2.89

16.48 2.54 19.02 HI.

5.54 13.15 | 5.74 12.95 | 14.04 4.65 | 13.97 4.72 | 13.79 4.90 | 13.46 5.23 | 14.60 4.09 | 4.54 4.15 | 4.39 4.30

13.91 4.78 18.69 HI

14.45 4.24 | 4.39 4.30 | 4.22 4.47 | 3.93 4.76 | 4.03 4.66 | 3.85 4.84 | 4.15 4.54 | 4.33 4.36 | 4.39 4.30

4.45 4.24 | 13.52 4.70 | 13.73 4.49 | 13.80 4.42 | 13.20 5.02 | 14.04 4.18 | 4.52 3.70 | 4.45 3.77 | 4.22 4.00

13.91 4.31 18.22 HI

13.40 4.82 | 13.70 4.52 | 3.21 5.01 | 3.25 4.97 | 3.29 4.93 | 3.33 4.89

13.91 4.22 18.13 HI

3.52 4.61 | 3.73 4.40 | 3.80 4.33 | 3.53 4.60 | 3.55 4.58 | 3.57 4.56 | 3.58 4.55 | 3.89 4.24 | 4.00 4.13

3.54 4.59 | 3.49 4.64 | 3.44 4.69 | 3.40 4.73 | 3.70 4.43 | 3.80 4.33

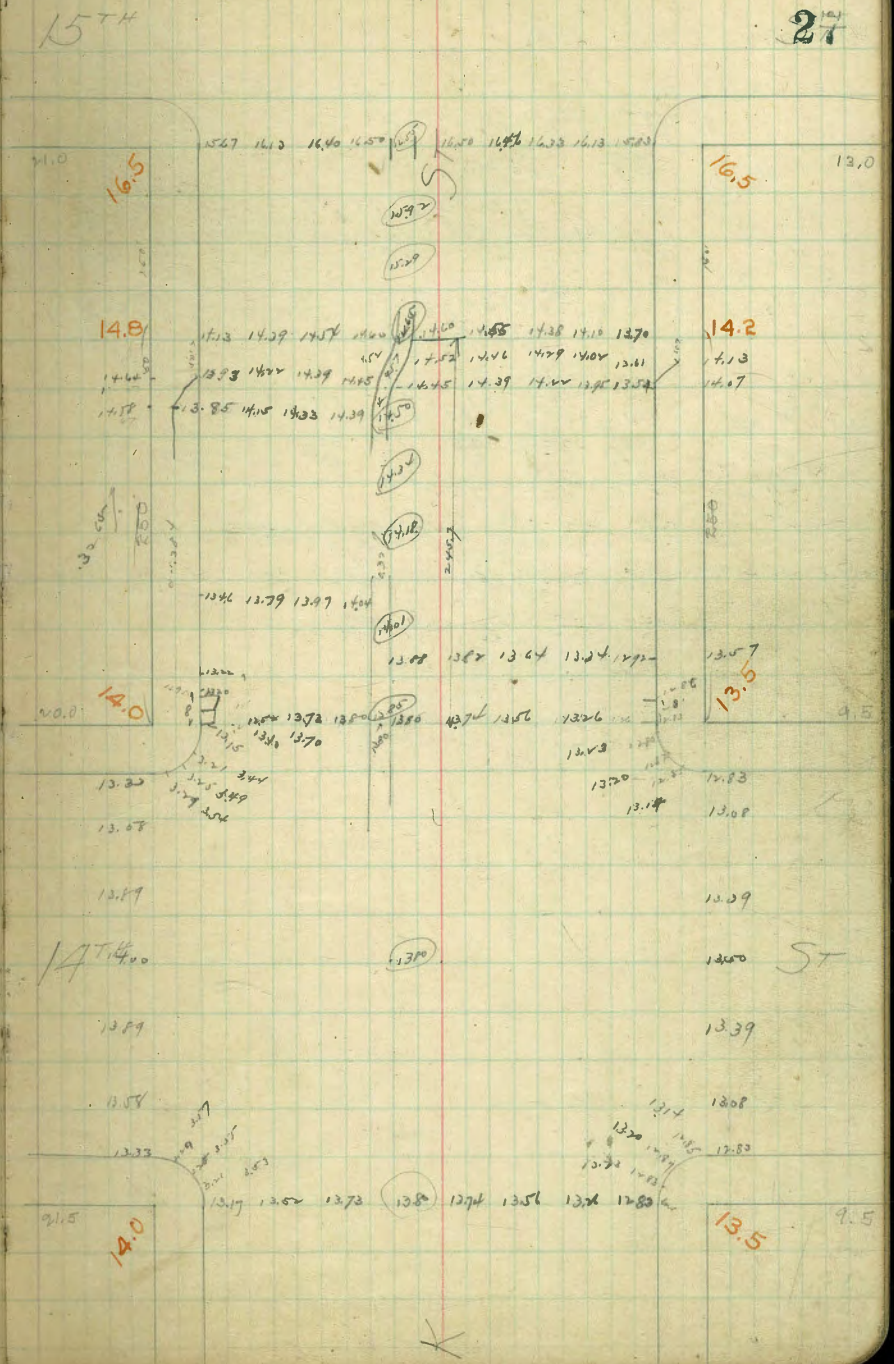
13.91 4.73 18.64 HI

4.84 13.80 | 4.78 13.86 | 4.68 13.96 | 4.64 14.00 | 4.55 14.09 | 4.50 14.14 | 4.32 14.32 | 4.33 14.29 | 4.18 14.46 | 4.18 14.46

4.01 14.63 | 4.02 14.62 | 4.65 3.97 | 4.50 4.14 | 4.34 4.30 | 4.18 4.46 | 4.01 4.63 | 3.85 4.79

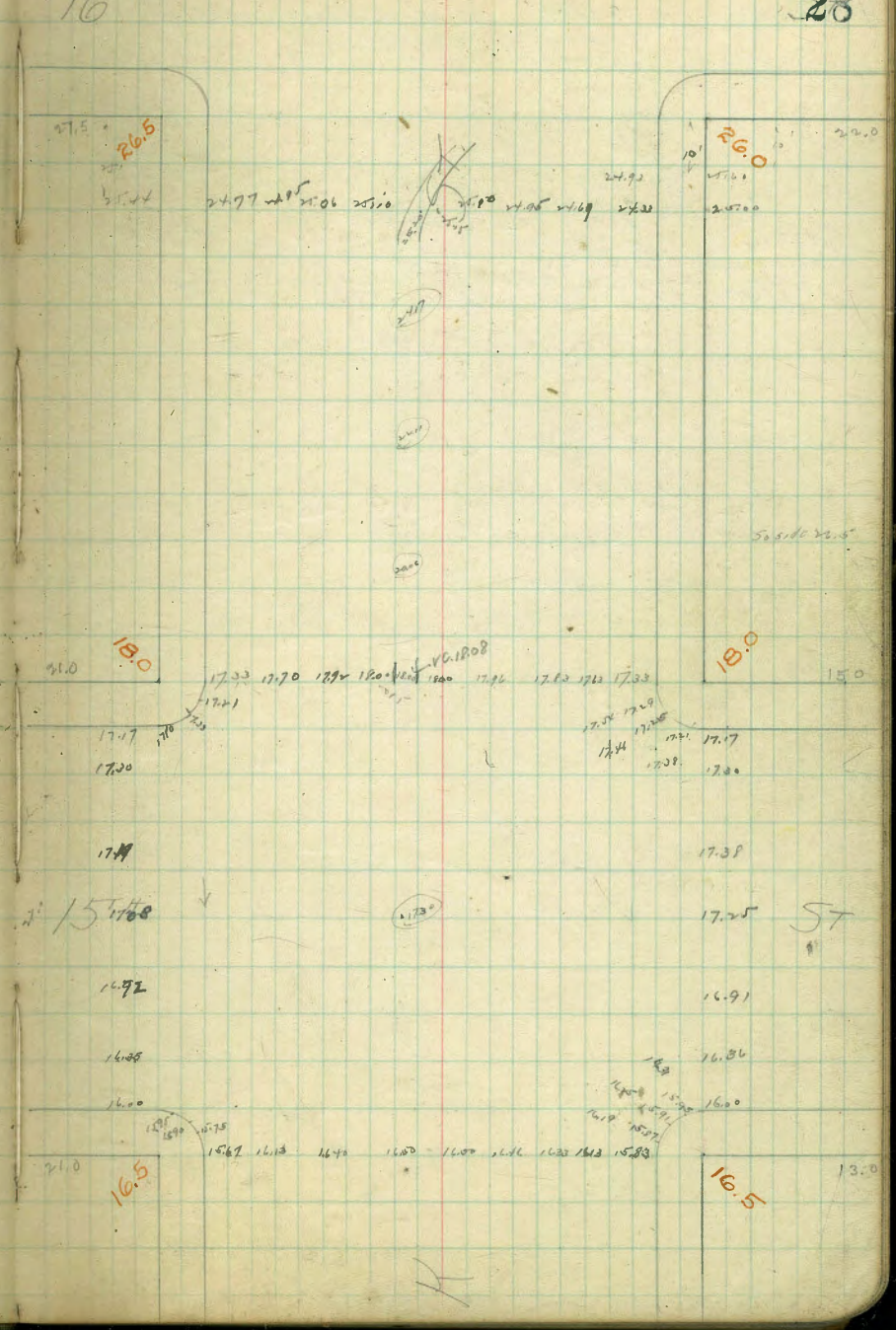
16.48 3.37 19.85 HI

3.63 16.52 | 3.97 15.88 | 4.00 15.85 | 4.66 15.19 | 4.52 5.29 | 16.55 3.30 | 15.92 3.93 | 15.29 4.56



FIFTEENTH N.W. 16.48

SIXTEENTH N.E. 28.01



A SW spk 84.91 N.W A Bass plg in rt. 84.45

84.45 BM. 84.00 82.50 4.17 5.67
4.02 4.47 5.97 4.30 2.80
88.47 HI.

BM 82.95 NW. 11 B.B.
+6.39
89.34
-4.89
84.45
+3.62
88.07 HI.

88.07 88.07
83.00 83.53
5.07 4.54

July 2-12 { Domain
Shaw
Decline

84.45
3.90
88.35 HI.

4.25 4.90 5.34 5.57 5.59 4.25 4.23 4.00 3.56 2.91
4.13 3.45 3.01 2.78 2.76 4.10 4.12 4.35 4.79 5.44

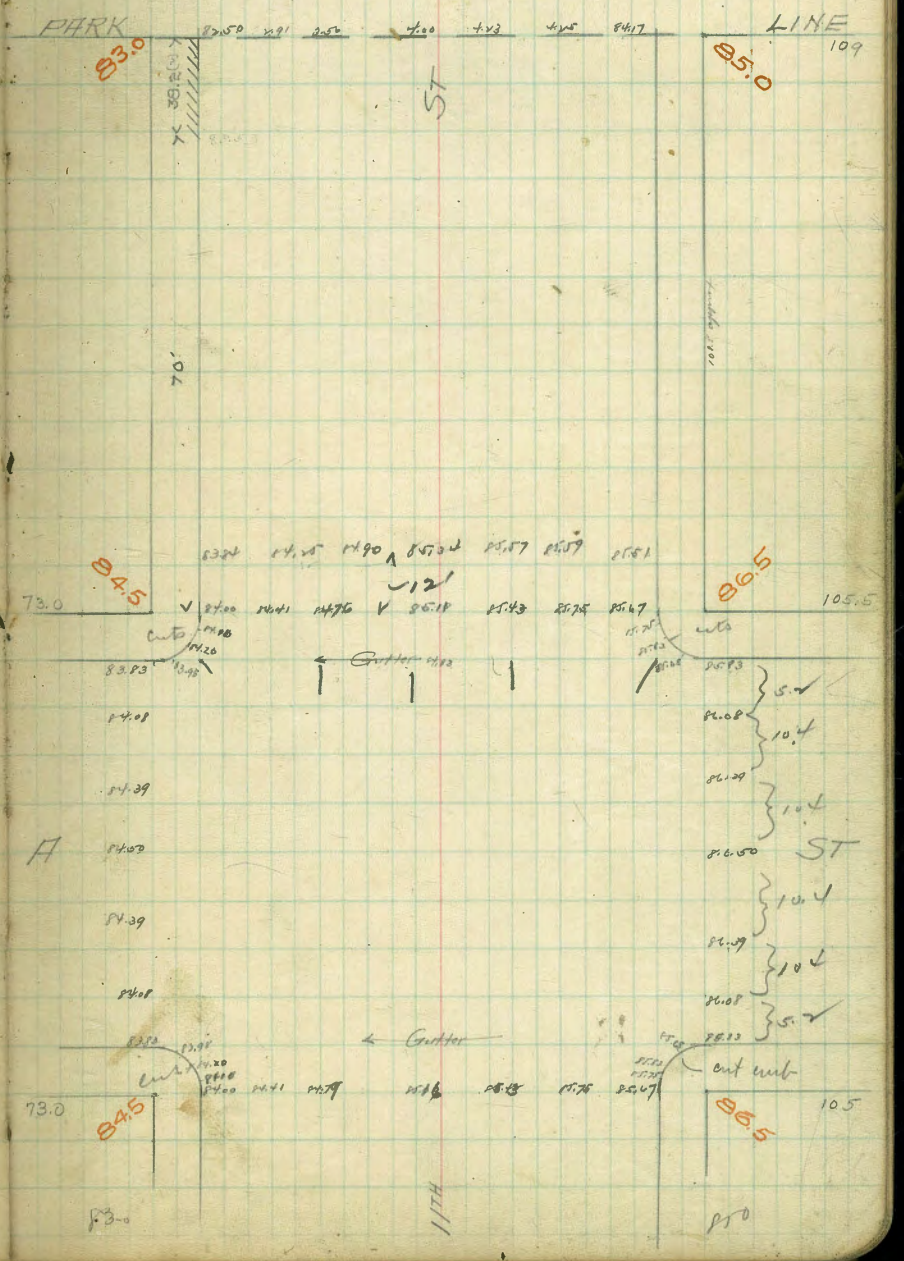
14.45
5.22
89.67 HI.

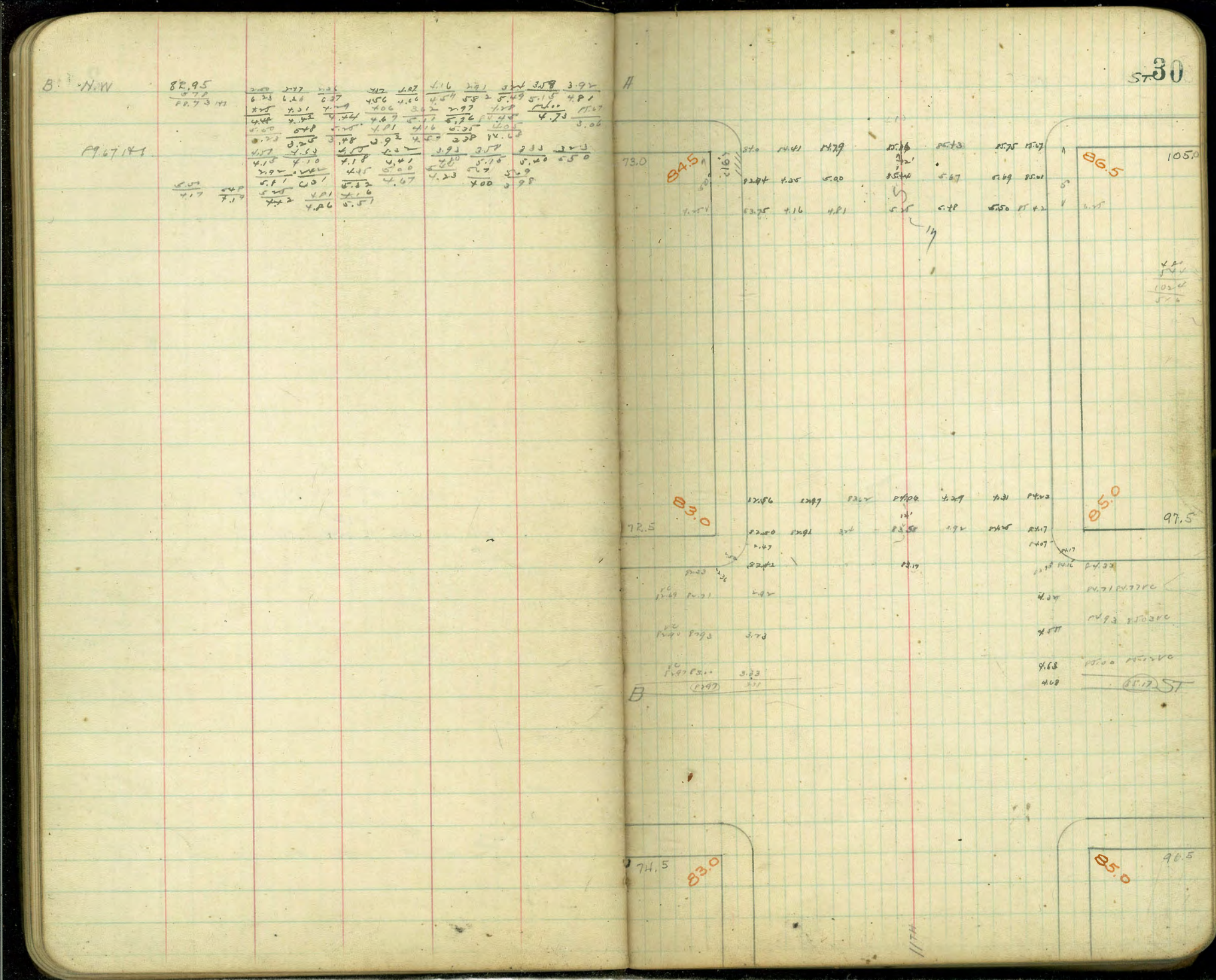
3.83 3.98 4.20 4.10 5.75 5.83 5.68 5.83
5.84 5.69 5.47 5.07 3.92 3.84 3.99 3.84

4.08 4.39 4.50 4.41 4.79 5.16 5.43 5.75
5.53 5.22 5.11 5.20 4.82 4.45 4.18 3.86

84.45 BM
5.16
89.61 HI.

6.08 6.39 6.50 5.75 5.43 5.57 5.11 4.76 4.41
3.53 3.22 3.11 3.86 4.18 4.04 4.50 4.85 5.20




B: N.W
82.95
A
73.0
84.5
86.5
105.0
83.0
85.0
72.5
97.5
B
74.5
83.0
85.0
96.5

C N.W. 77.435

8.07

8.50 HT

8.29 N.W.B.

2.56

8.55 HT

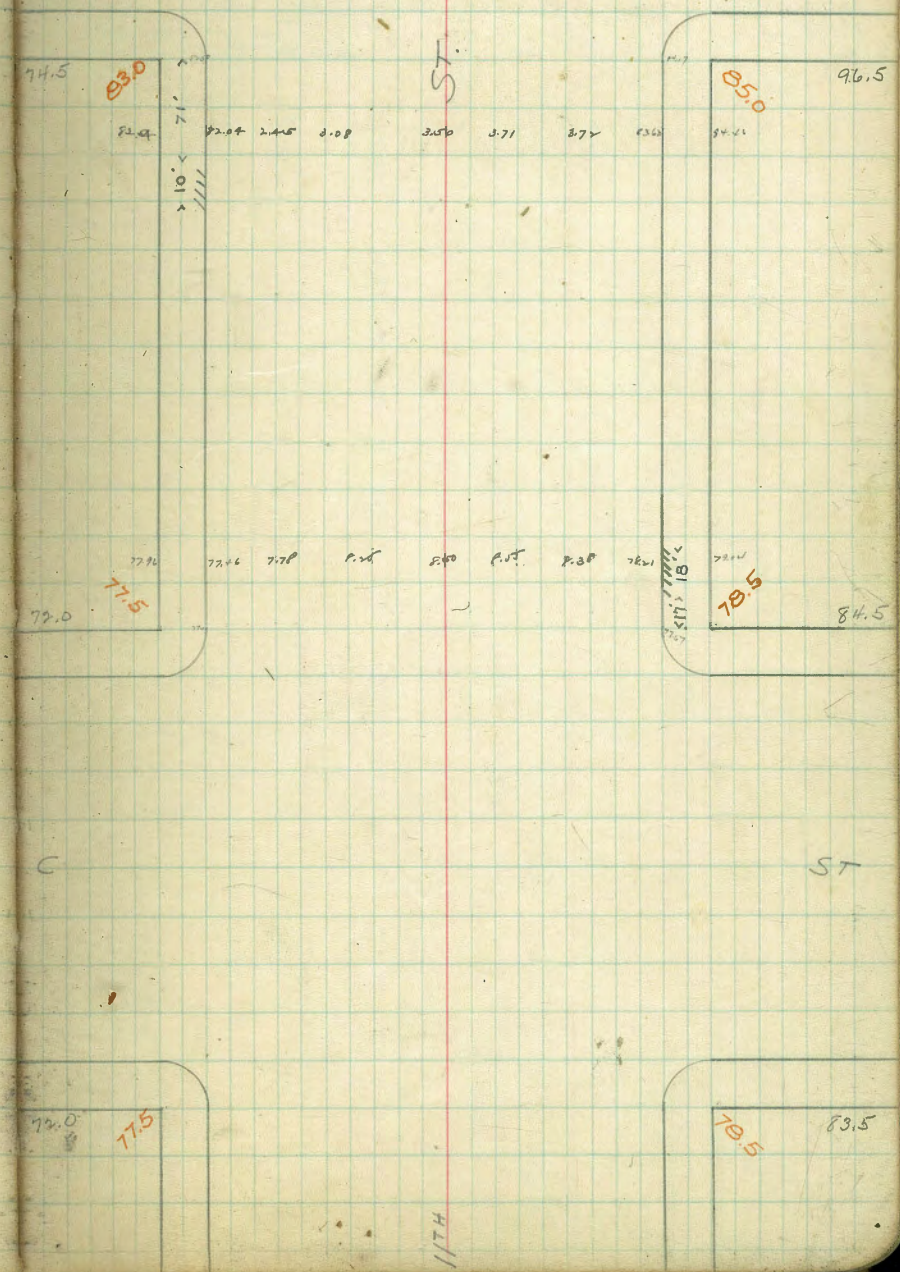
2.04

3.47

3.63

1.88

7.46	8.21	8.28	8.55	8.50	8.25	7.78	3.45	3.08	3.50	3.71	3.72
8.04	7.29	7.12	6.95	7.00	7.25	7.72	3.06	2.43	2.01	1.80	1.79



D SW

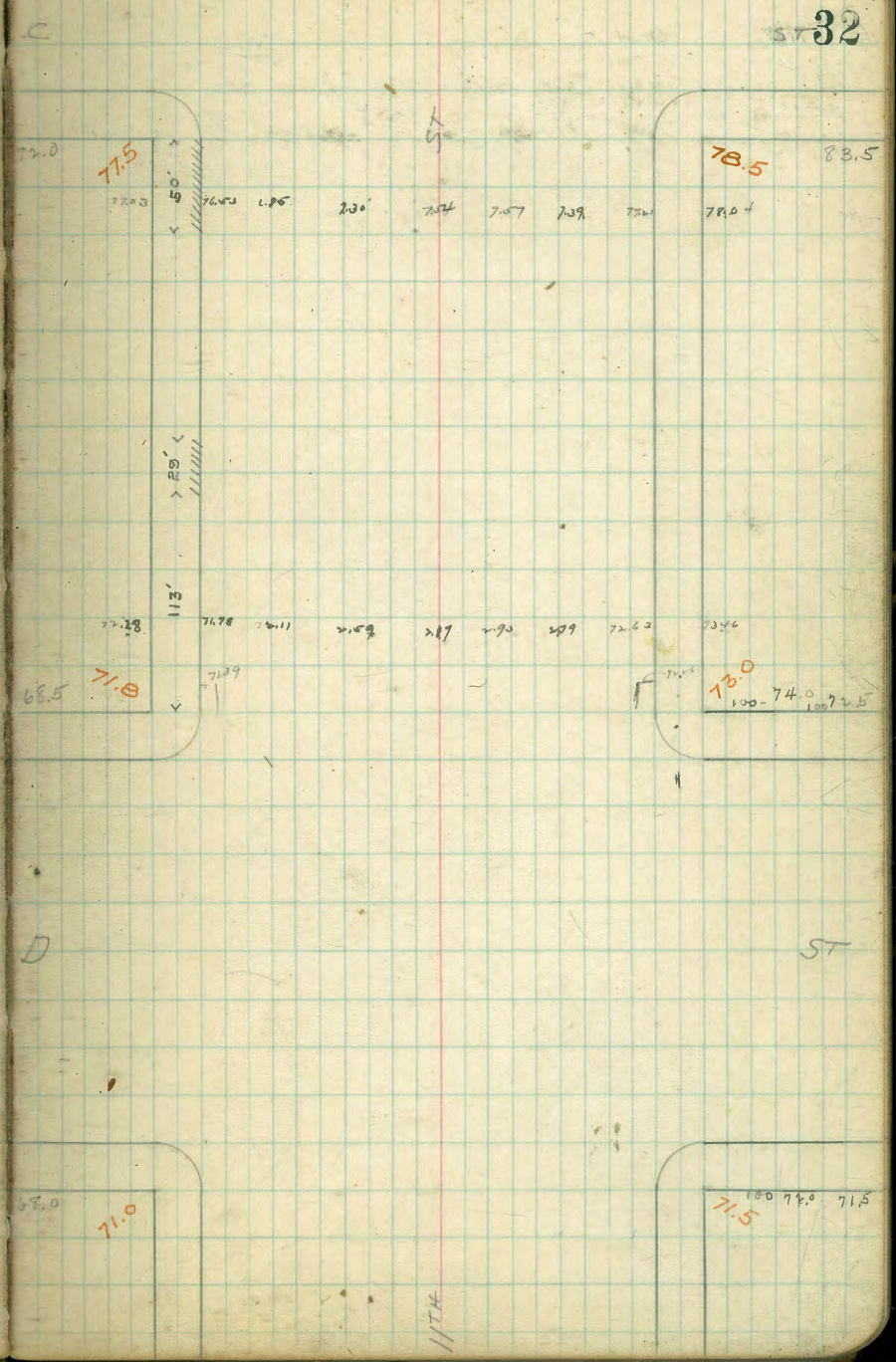
70.74
673
7747 HG

1.39 / 6.08 — 5.22 / 72.25 — 2.26 / 5.21 — 1.39 / 6.96

70.74 BM.
161
78.35 HG

1.78 / 6.57 — 2.63 / 5.72 — 4.53 / 1.82 — 78.30 / 1.35 — 7.21 / 1.14 — 7.58 / 0.77

7.29 / 0.96 — 7.57 / 0.78 — 7.54 / 0.81 — 7.30 / 1.05 — 6.95 / 7.50 — 2.11 / 6.24 — 2.59 / 5.76 — 2.87 / 5.48 — 2.93 / 5.42 — 2.79 / 5.56



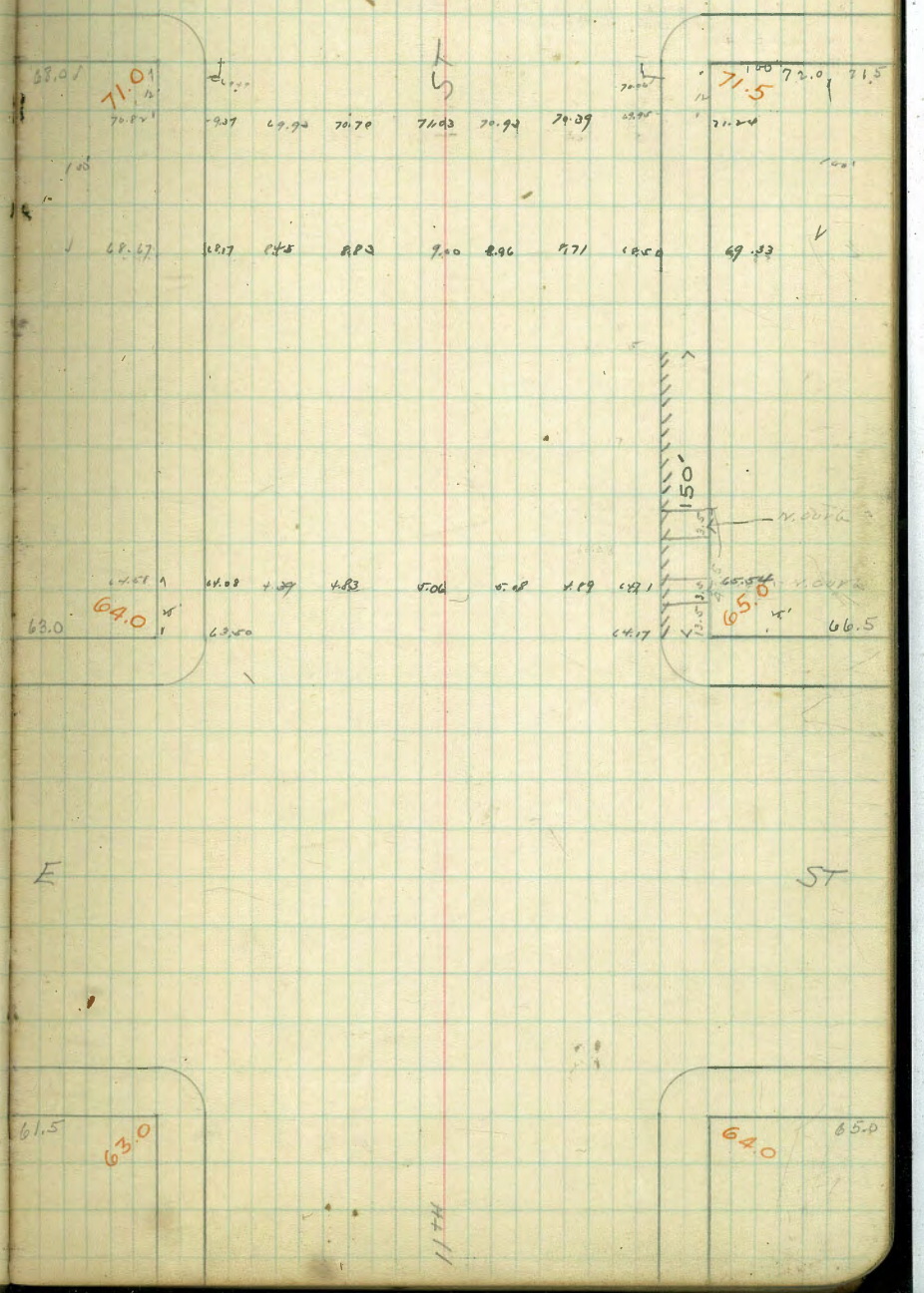
E NW. 64.01

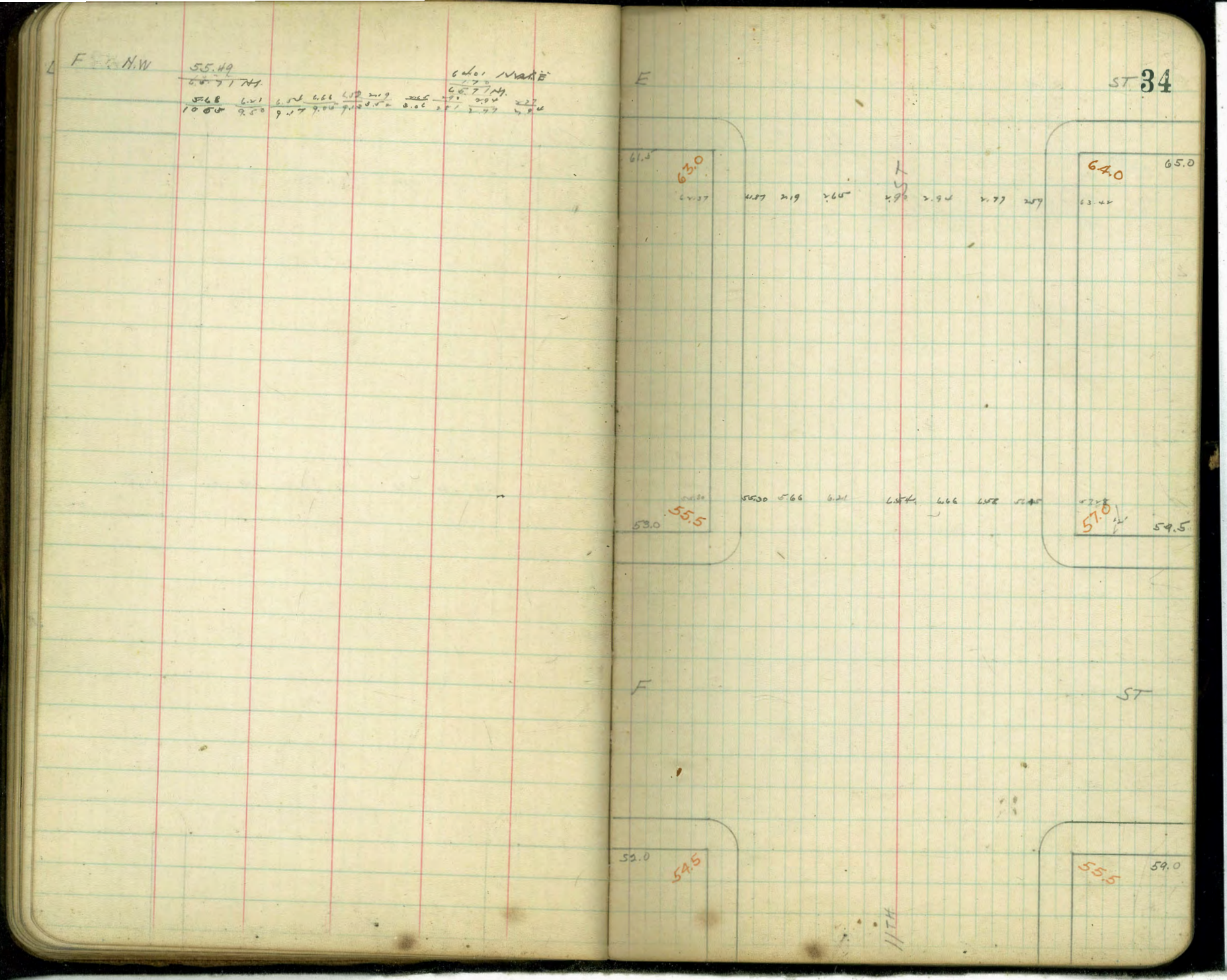
70.74 SW D
72
71.66 HT

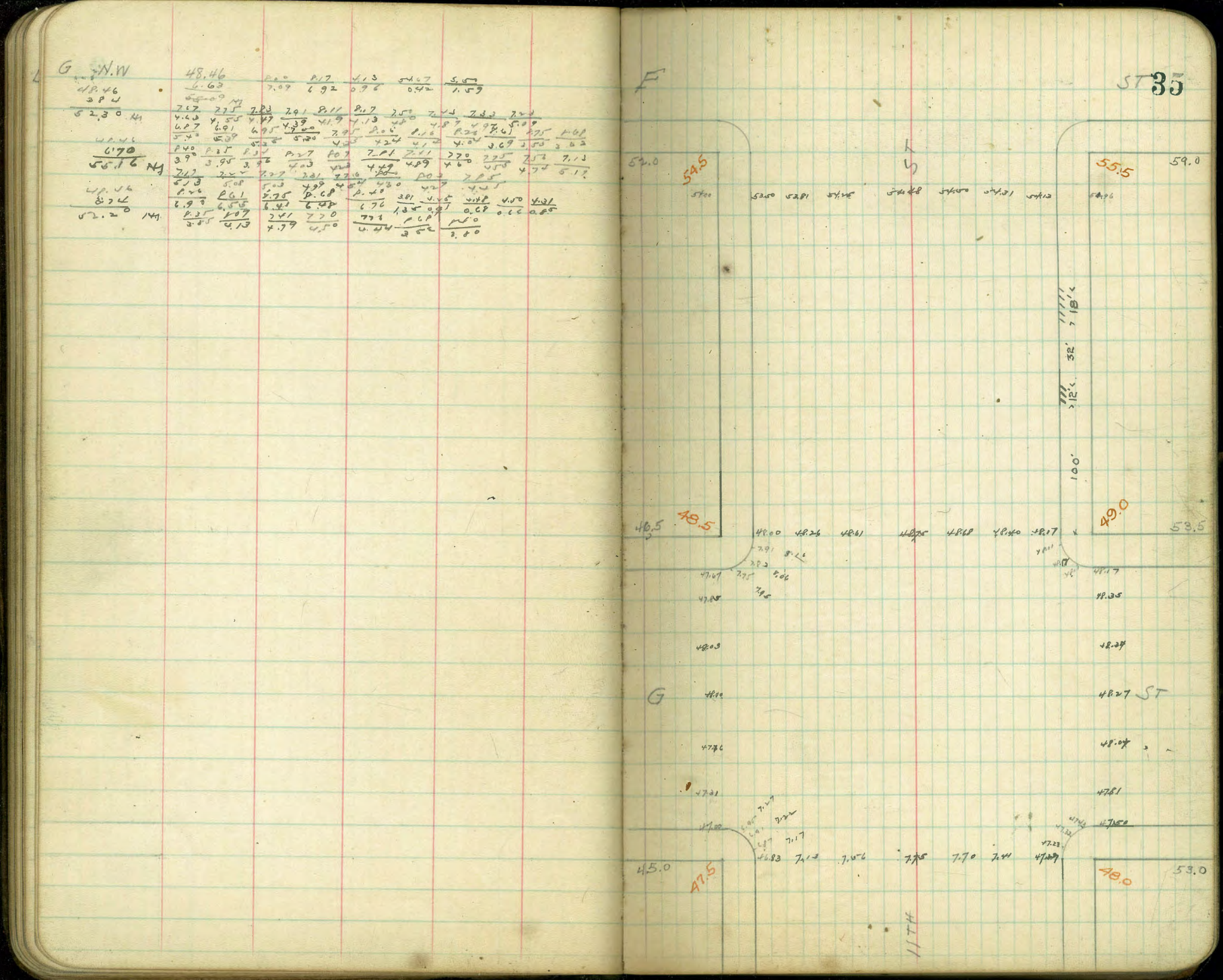
64.01
5.78
69.79 HT
64.01
71.66 HT

69.79 69.79 69.79 69.79 July 2-12 Bonnan Shaw Devine
65.00 66.08 67.17 68.25
4.79 3.71 2.62 1.54

2.09 1.00 68.17 68.50 14.08 4.71
69.47 Hel 70.06 3.49 3.16 7.58 6.95
9.93 0.70 1.03 0.93 0.39 6.71 8.96 6.00 4.83 8.45
8.73 0.96 0.63 0.78 1.27 2.95 2.70 2.66 2.83 3.21
4.89 5.08 5.06 4.83 4.39
6.77 6.58 6.60 6.83 7.27




E
ST 34
61.5
63.0
64.0
65.0
53.0
55.5
57.0
54.5
F
ST
51.0
54.5
55.5
59.0


F
ST 35
57.0
54.5
55.5
59.0
46.5
48.5
49.0
53.5
100'
32'
18'
12'
G
45.0
47.5
48.0
53.0
11TH

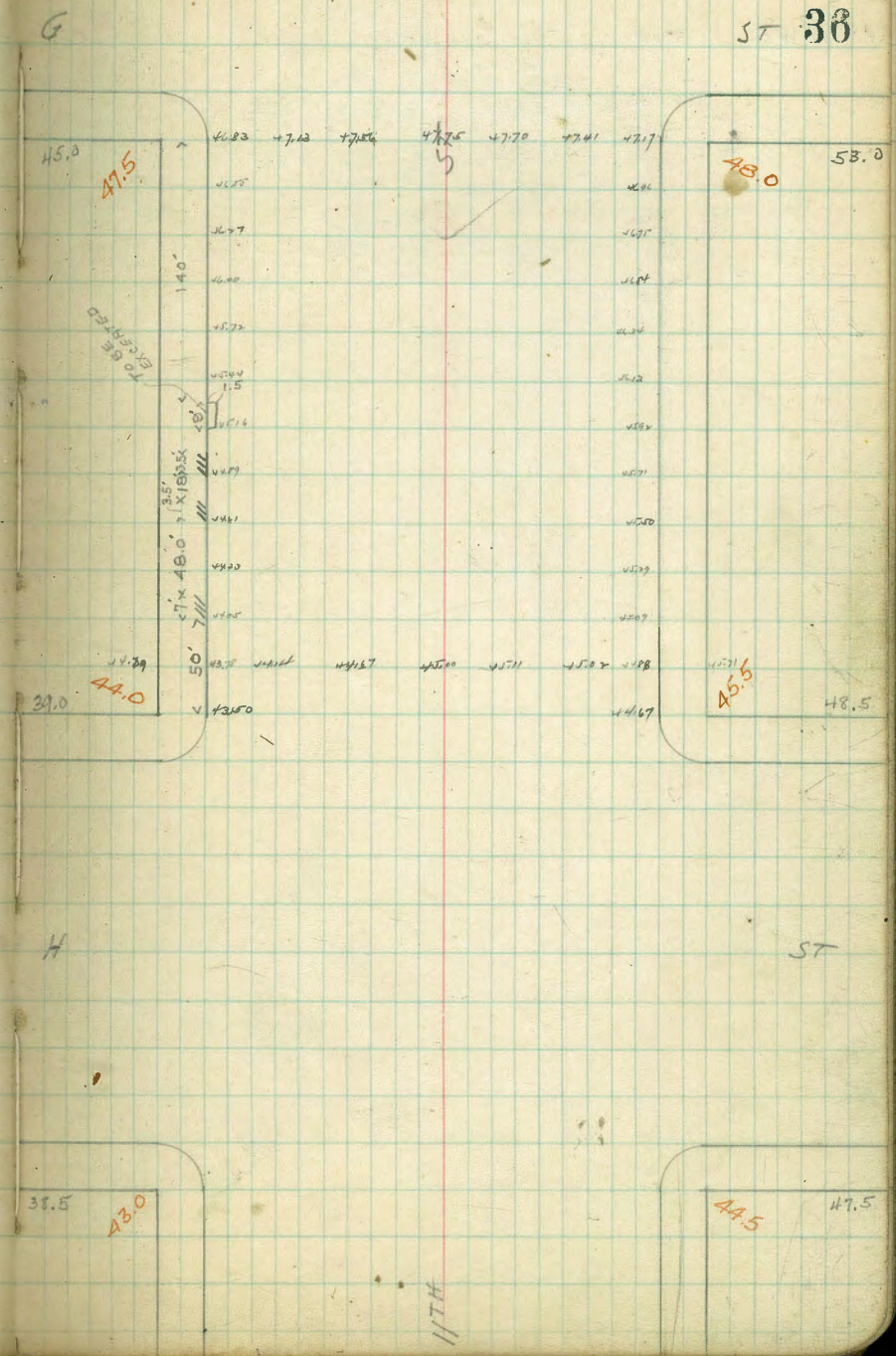
H N.W 43.99

48.46 Bm.
2.71
51.17 Hg

6.83 7.17 6.96 6.75 6.54 6.34
4.34 4.00 4.21 4.42 4.63 4.83

48.46
2.08
50.54 Hg

6.13 5.92 5.71 5.57 5.29 5.09 4.88
5.04 5.25 5.46 5.67 5.88 6.08 6.29
7.39 7.05 6.84 4.61 4.89 5.16 5.44 5.72 6.00 6.27 6.55
7.41 7.70 6.56 6.28 6.01 5.73 5.45 5.17 4.90 4.62
3.13 2.84 2.79 2.78 7.13 5.02 5.11 5.03 4.67 4.14
4.47 5.52 5.43 5.54 5.87 6.40



1 N.W

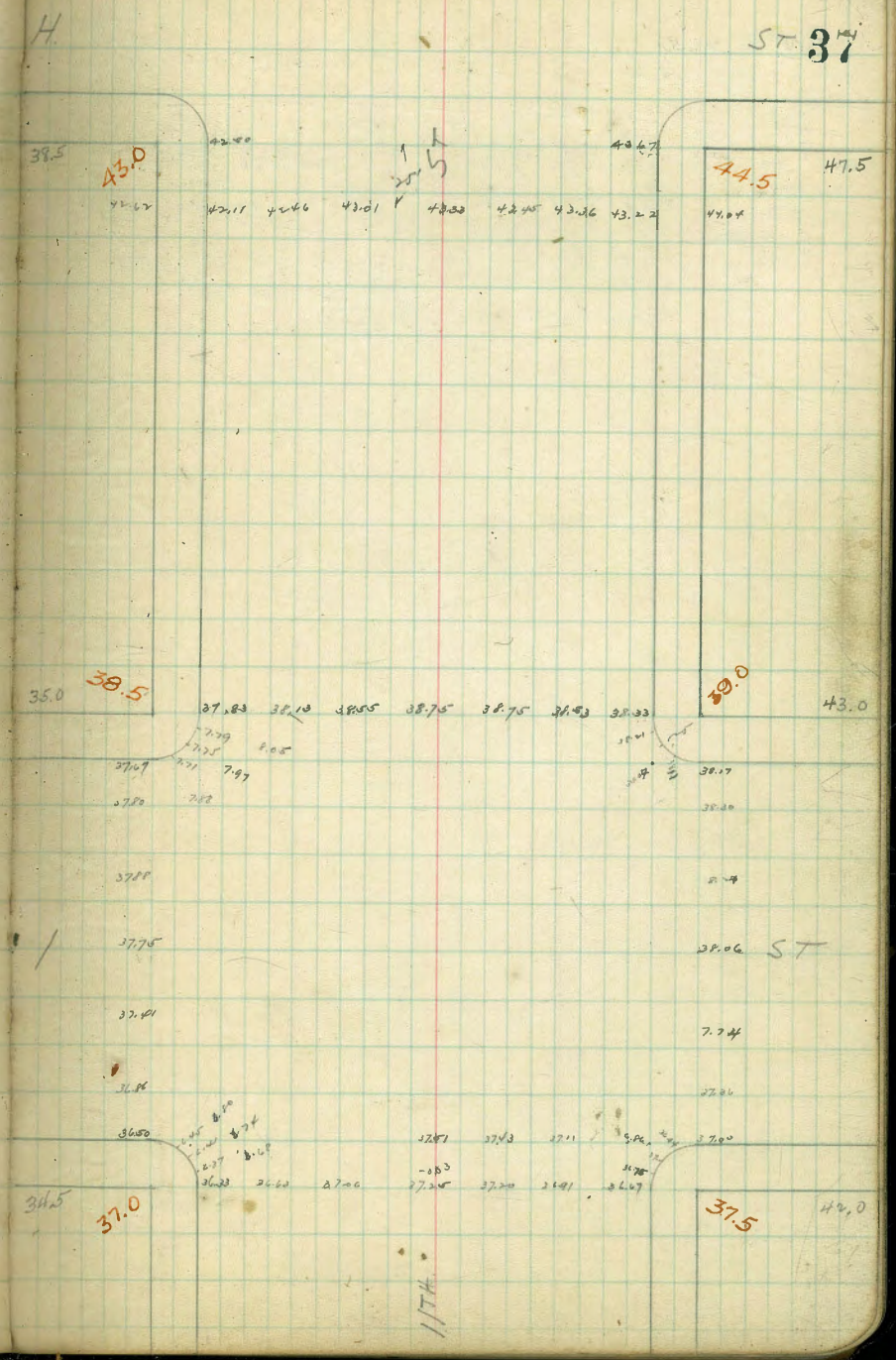
38.49
4.14
42.63 HT

43.99 [illegible]
2.41
~~46.40~~ HT

38.49
3.40
41.89 HT

38.49 [illegible]
3.37
41.86 HT

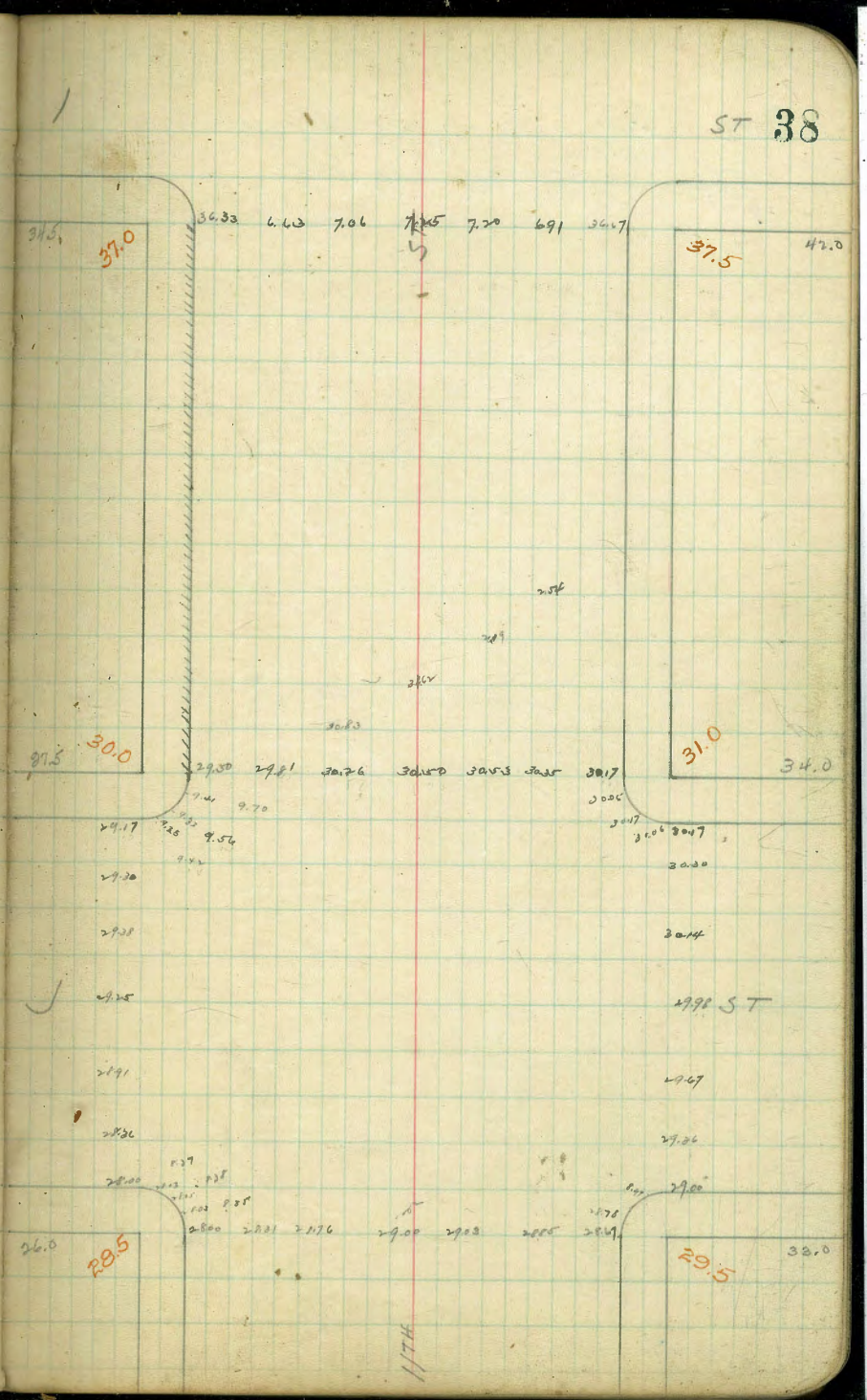
38.49
3.50
41.99 HT



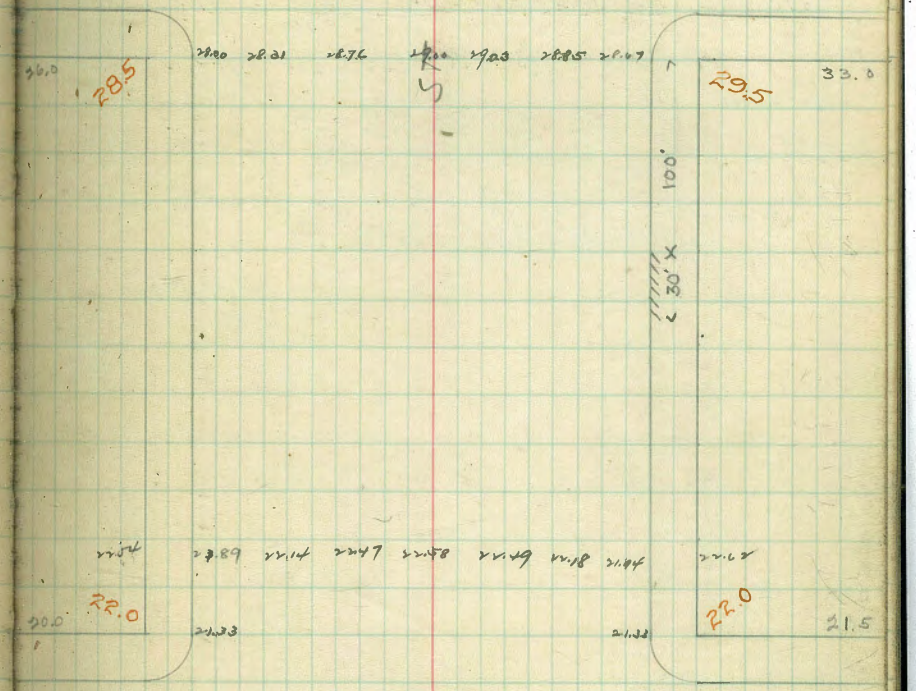
J S.W 28.54

28.54 B.M. B.P. S.W. J & 11th 6-6-12 curb stks Dinkle - Evans - Tichenor

39.23 H.I.	30.00	31.16	32.33	33.50	34.66	35.83	37.00
28.54	9.23	8.07	6.90	5.73	4.57	3.40	2.23
6.02							
34.56 H.I.	26.62	28.67	30.17	29.50	29.49	6.63	7.06
28.54	5.89	5.89	4.39	5.06	4.05	3.89	5.46
5.60							
34.14 H.I.	9.81	5.26	0.50	0.53	0.35		
28.54 B.M.	4.33	8.35	8.37	8.36	3.79		
5.14	5.37	5.33	5.30	5.31	5.32		
33.68 H.I.	9.70	9.91	0.20	0.50	0.30	1.5	9.98
	3.98	3.87	3.72	5.06	3.38	3.52	3.70
	4.83	4.03	4.05	4.66	4.47	7.25	8.33
	3.06	6.17	9.00	8.97	8.88	8.78	4.35
	3.62	3.51	4.68	4.71	4.80	4.90	4.23



K & N.W



L ~~N.E.~~ spk 14.835

21.996 B.M. B.P. N.W. 11th & K 6-6-12 curb stks Bunkle - Evans - Nehmar

1.76
23.76 H.I.

15.00	16.00	17.00	18.00	19.00	20.00	21.00
8.76	7.76	6.76	5.76	4.76	3.76	2.76

19.06 H.I.
22
3.205
25.205 H.I.
22
0.56
22.56 H.I.
1.561
1.43
17.04 H.I.

14.43	13.77	12.27	12.22	12.64	13.02	13.39
4.63	5.29	6.79	6.84	6.42	6.04	5.67

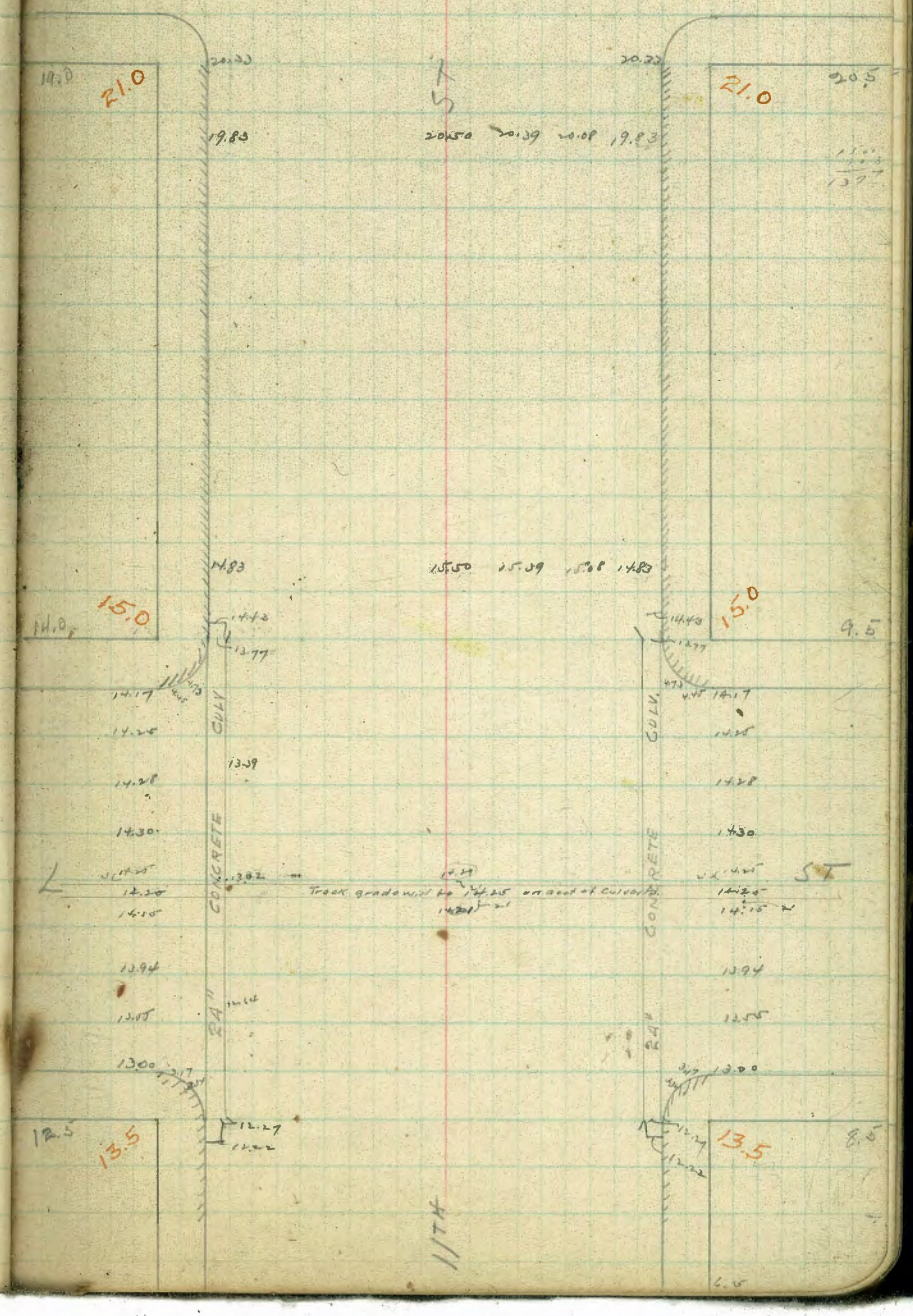
20.33
48.75

20.08	0.39	0.50	15.08	15.39	15.50
2.48	2.17	2.06	7.48	7.17	7.06

2.97	2.90	13.50	0.39	13.50	13.55	13.94	4.15
14.07	14.14	3.54	.63	4.00	3.49	3.10	2.89

14.25	14.30	4.28	4.25	15.50	14.21	4.29
2.79	2.94	2.76	2.79	2.04	3.83	2.75

13.02	3.17	3.34	4.17	4.45	4.73
4.64	3.87	3.70	2.87	2.59	2.31



9.26 Bm Top Hydt N.E.M.

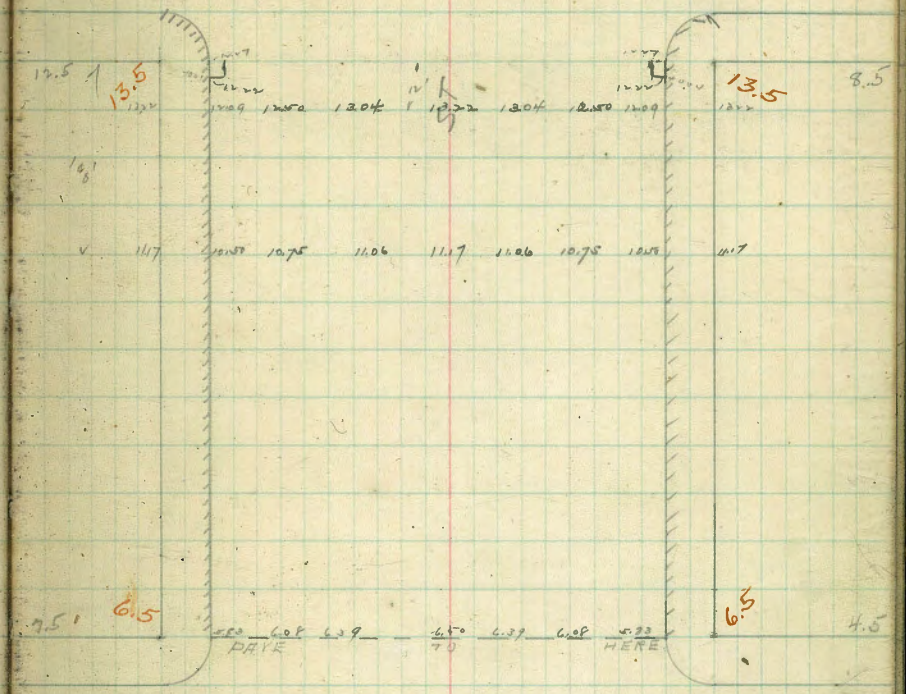
M. N.W spk 6.44 L. N.W 15.61 Spk

1.4.11 B.M. S.P.N.W. 10th St. 6-6-12 curb stakes Dunkle-Evans-Mahoney

4.43 / 19.54 M.	6.50 / 12.04	7.67 / 10.87	8.83 / 9.71	10.00 / 8.59	11.17 / 7.37	12.39 / 6.20	13.59 / 5.04
22.00 / 58 / 22.58		15.61 / 23 / 15.84 M		10.50 / 5.34	6.68 / 9.26	9.26 / 3.71 / 12.97 M	6.08 / 6.89
6.97 / 15.61					9.26		
3.45 / 19.06 M		15.61 / 33 / 15.94 M		5.83 / 10.11	6.63 / 8.9		10.75 / 2.72
15.61 / 0.27 / 15.88 M	12.50 / 3.38	13.04 / 2.84	13.22 / 2.66	6.08 / 9.80	6.39 / 9.49		

6.39 / 6.58	6.50 / 6.47		
11.06 / 1.97	11.17 / 1.80		

L ST 41



M ST

35.45 NE 16th

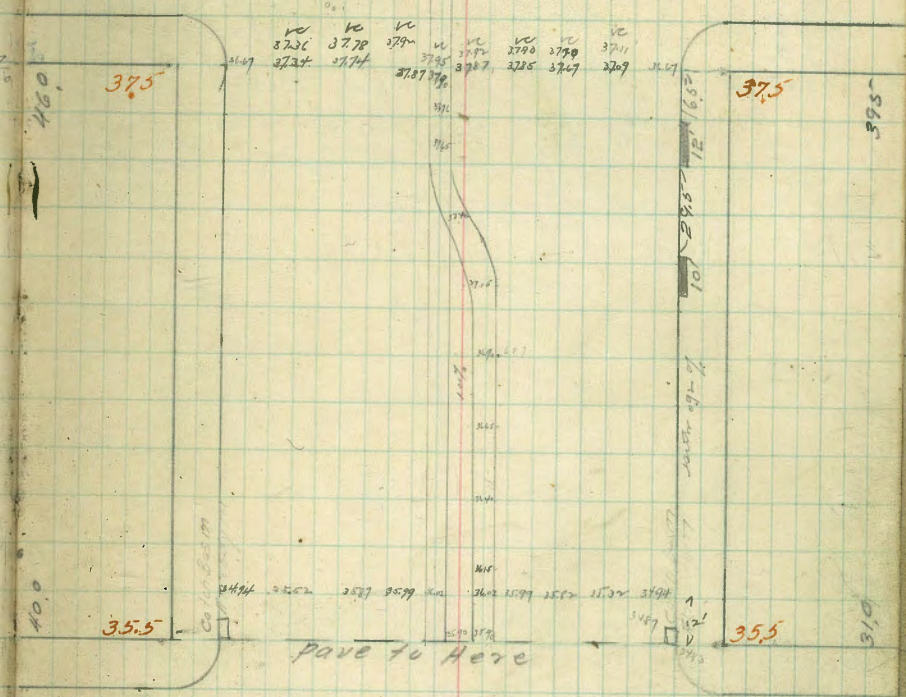
37.77 BM NW 17th H.
4.61
4209 H1 4 stakes 12/21/12 Hatch

37.34 37.22 36.92 36.82
4.75 4.87 5.17 5.27

37.48 BM 37.92 7.90 7.69 7.11 7.73 7.62 7.37 7.12
3.19 2.75 2.77 2.98 3.56 2.94 3.05 3.38 3.55
40.67 H1 3.58 6.62 6.37 6.12 3.77 3.88 4.13 4.38
6.87 4.05 4.30 4.55 5.99 5.82 5.32 4.94 6.67
3.80 4.83 4.88 5.13 5.38 4.68 4.85 5.35 5.73 4.00
3.82
41.30 H1 37.92 37.78 37.31 4.87 5.52 5.87 5.99
3.38 3.52 3.94 6.43 5.78 5.43 5.31

17th

St 42



use E that will about
cut so track

16th

H

37.48 NW 17th

50.90 NE 18

512
42.60 Ht

37.48 Bm
3.621
43.69 Ht

37.48
5.82
43.30 Ht

37.48
5.89
43.37 Ht

37.48
5.78
43.26 Ht

36.67 / 5.93 — 38.83 / 3.77 — 50.90 / 4.41 / 53.31 Ht — 50.23 / 3.08 — 50.21 / 3.10 — 50.05 / 3.26 — 49.55 / 3.76 — 49.17 / 4.14

39.97 / 3.72 / 83 / 4.55 — 9.95 / 3.74 — 9.77 / 3.92 — 9.24 / 4.45 — 7.92 / 5.38 — 7.90 / 5.40 — 7.69 / 5.61 — 7.11 / 6.19

6.83 / 6.47 — 7.32 / 5.98 — 7.98 / 5.32 — 8.20 / 5.10 — 7.40 / 5.90 — 7.73 / 5.57 — 8.06 / 5.24 — 8.42 / 4.88 — 8.75 / 4.55

9.24 / 4.06 — 9.77 / 3.53 — 9.95 / 3.35 — 9.97 / 3.33 — 6.71 / 6.59 — 6.86 / 6.44 — 6.91 / 6.39 — 6.96 / 6.34 — 7.00 / 6.30

8.67 / 4.63 — 8.55 / 4.75 — 8.69 / 4.61 — 8.76 / 4.47 — 8.83 / 4.59 — 8.71 / 4.59 — 4.345 / 4.445 / 4.585

39.97 / 3.40 / 83 / 4.23 — 39.84 / 3.53 / 6.71 / 6.56 — 3.46 / 3.91 — 6.86 / 6.40 — 6.91 / 6.35 — 6.96 / 6.30 — 7.00 / 6.26

8.67 / 4.59 — 8.57 / 4.69 — 8.69 / 4.57 — 8.71 / 4.55 — 8.75 / 4.51 — 8.61 / 4.65 — 8.30 / 4.96 — 7.91 / 5.35 — 7.40 / 5.86

36.83 / 6.43 — 7.61 / 5.65 — 8.06 / 5.20 — 8.22 / 5.04

18th

St 43

50.0 — 49.17 / 48.91 — 49.84 / 49.76 — 50.24 / 50.11 — 50.37 / 50.23 — 50.37 / 50.23 — 50.35 / 50.21 — 50.17 / 50.05 — 49.59 / 49.55 — 49.17 — 50.0

56.5 — 520

4.93
14.79
24.65
34.50

5.375 / 5.475 / 5.565

5.285 / 5.385 / 5.525 — .315 / .355 / 3.95

4.36 / 4.46 / 4.60 — 4.41 / 4.50 / 4.62

46.5 — 41.5

39.5 — 38.83 — 39.46 / 39.44 — 39.84 / 39.76 — 39.97 / 39.87 — 39.97 / 39.87 — 39.95 / 39.85 — 39.77 / 39.68 — 39.24 / 39.20 — 38.83 — 39.5

38.67 — 38.57 — 38.41 — 38.67

38.75 — 38.75

38.68 — 17th — 38.42

38.30 — 38.06

37.91 — 37.73

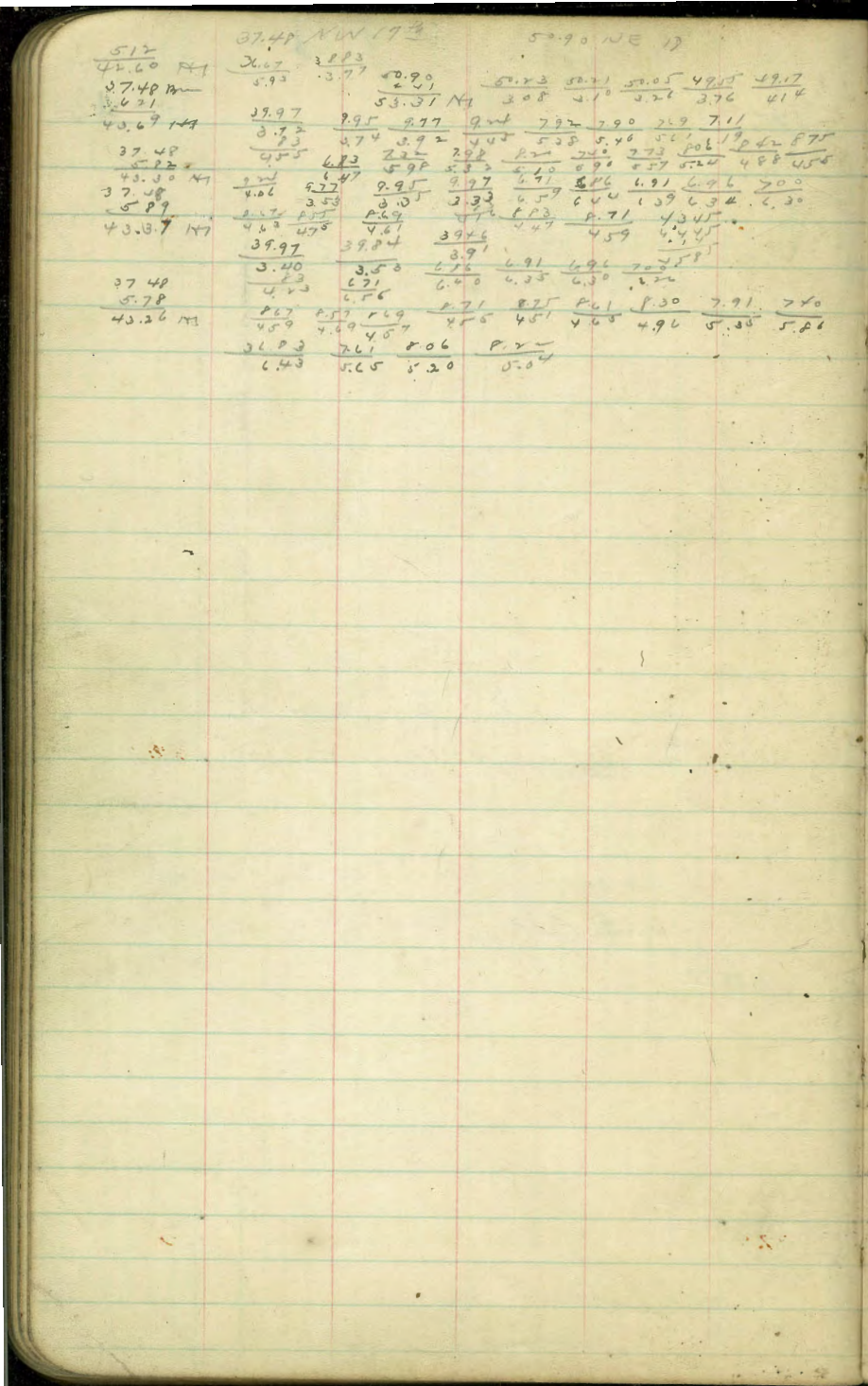
37.40 — 37.40

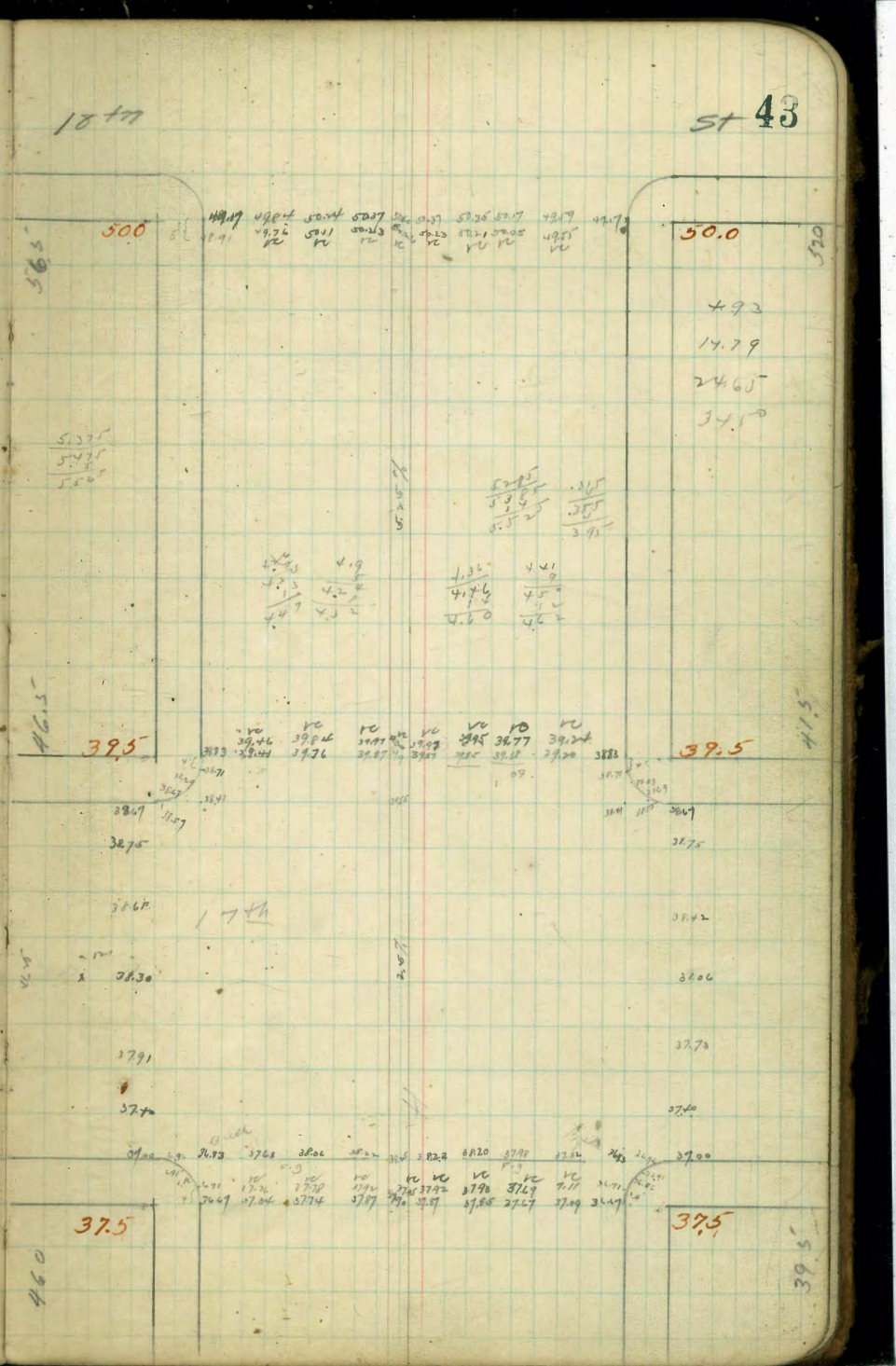
37.00 — 36.83 — 37.63 — 38.06 — 38.22 — 38.22 — 38.20 — 37.98 — 37.52 — 37.00

36.67 — 37.34 — 37.78 / 37.74 — 37.92 / 37.87 — 37.92 / 37.87 — 37.98 / 37.85 — 37.69 / 37.67 — 37.11 / 37.09 — 36.67

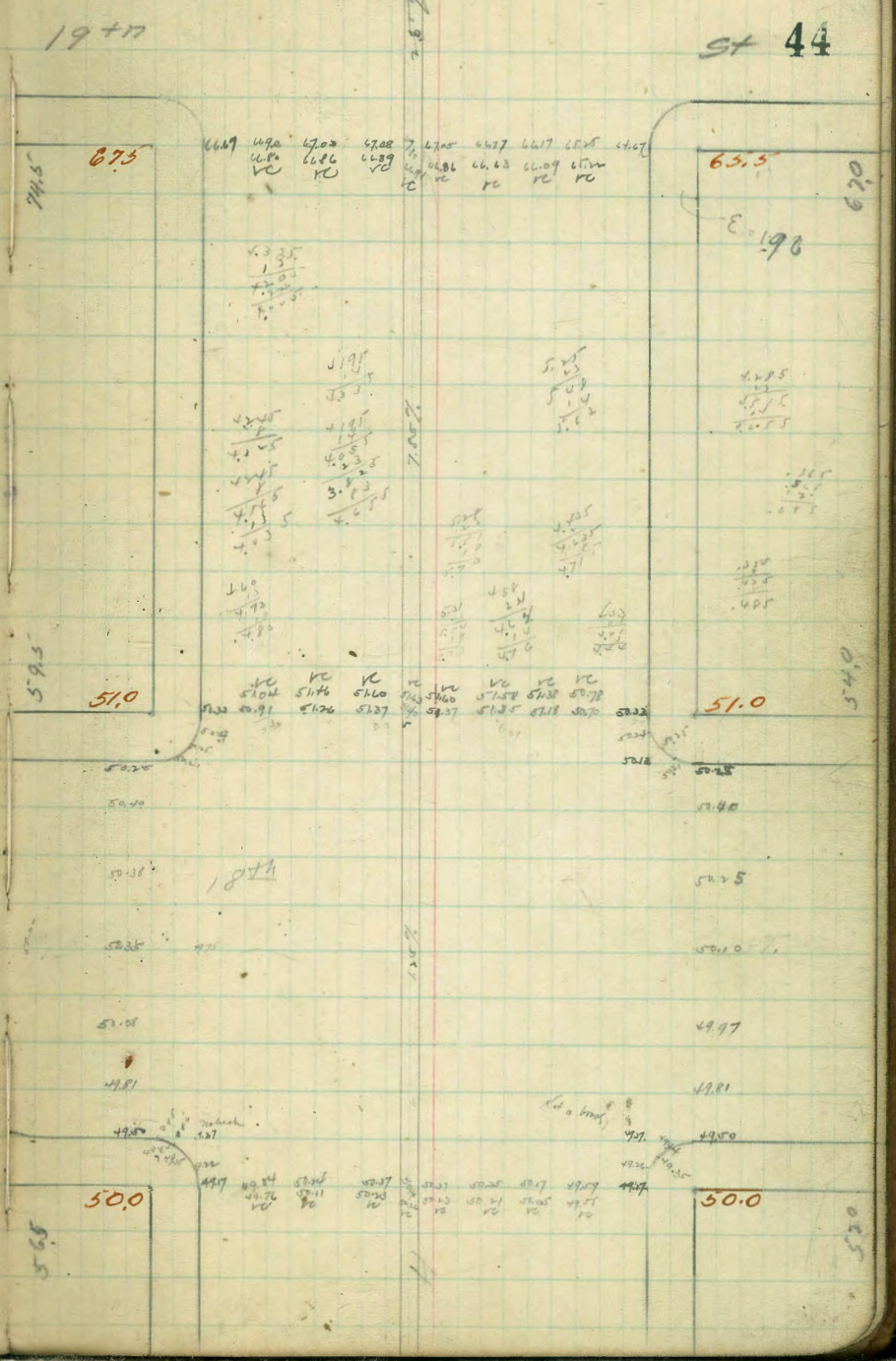
37.5 — 37.5

46.0 — 39.5



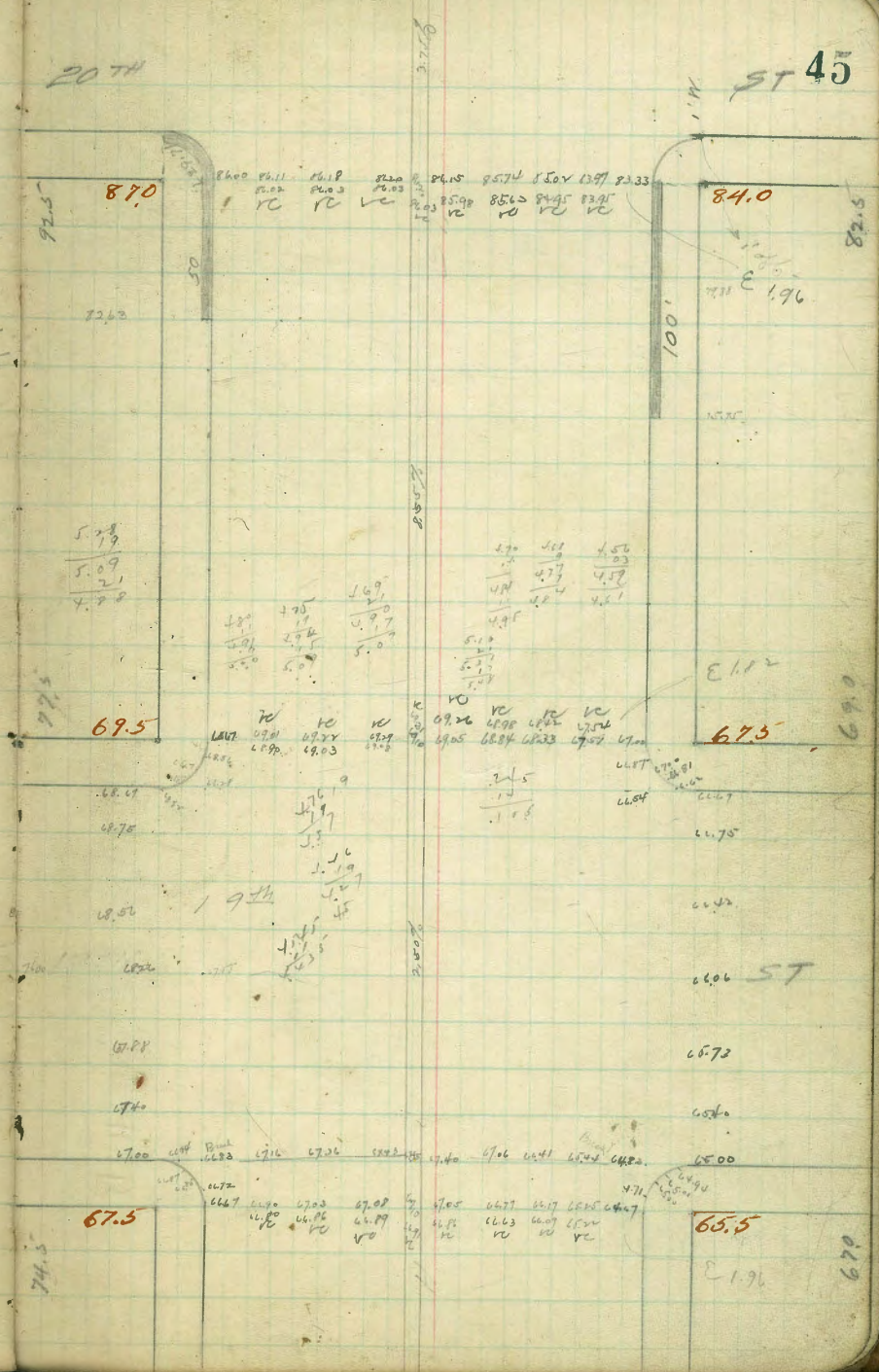


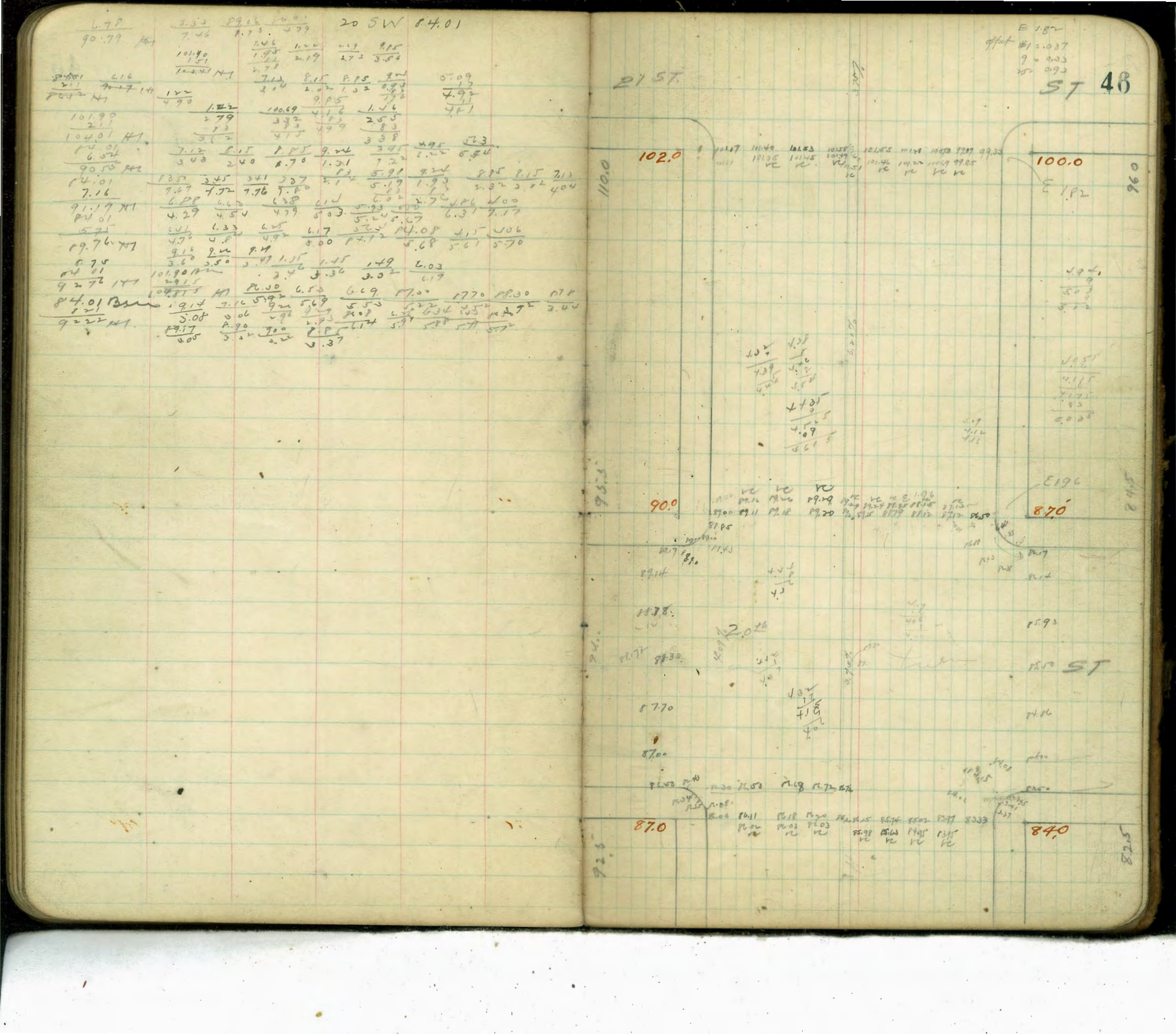
19+17

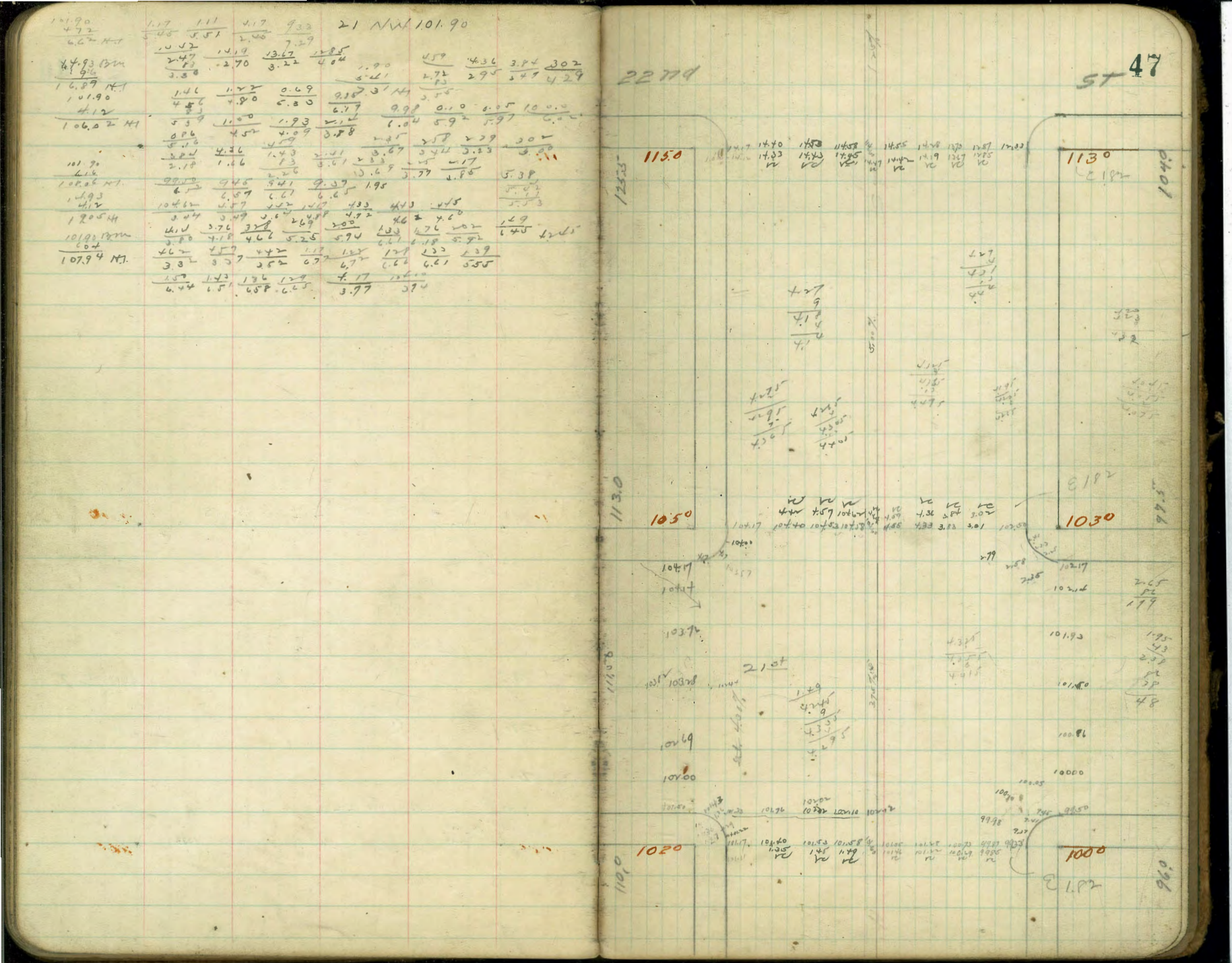


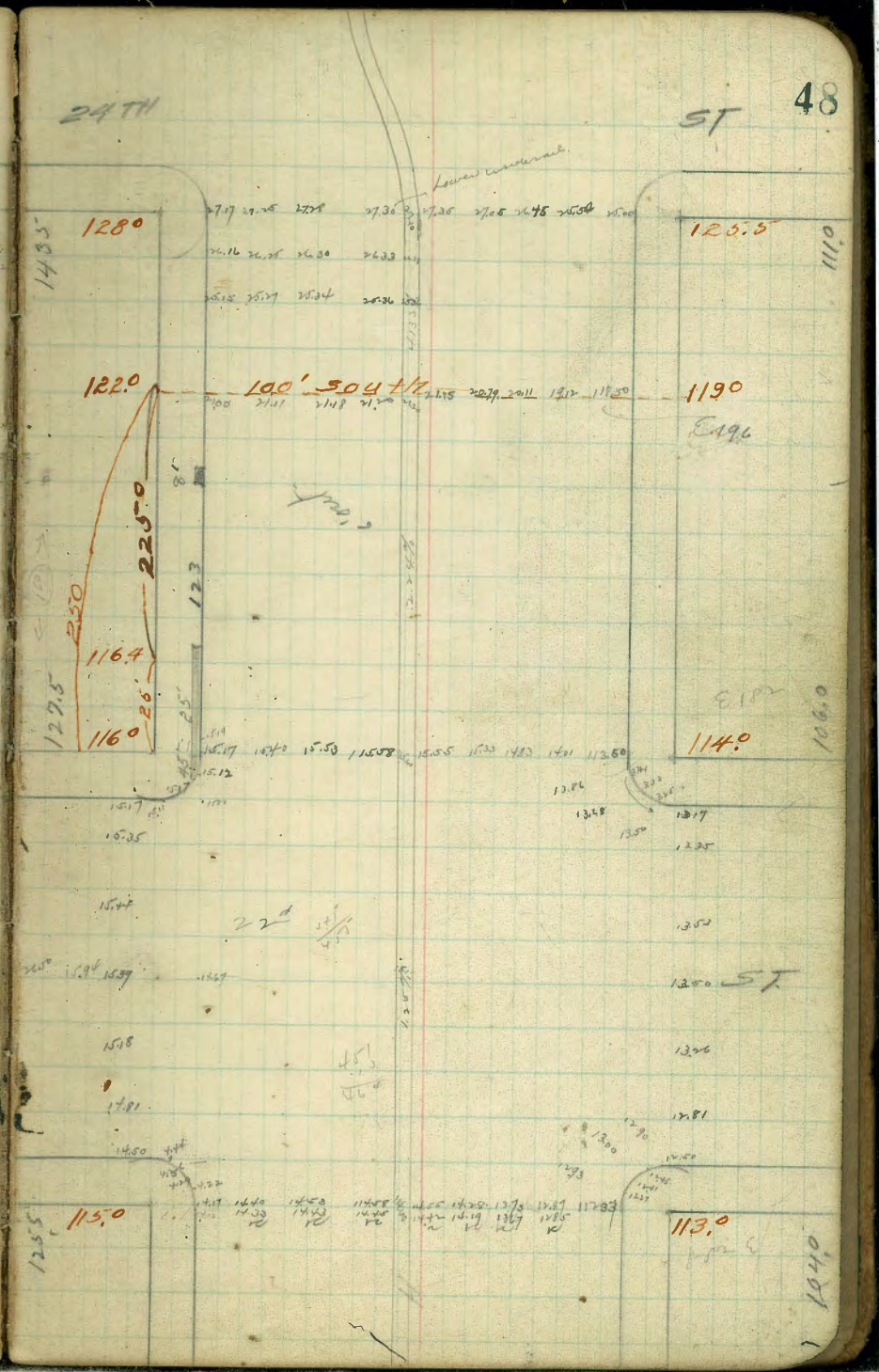
19 NW 67.33

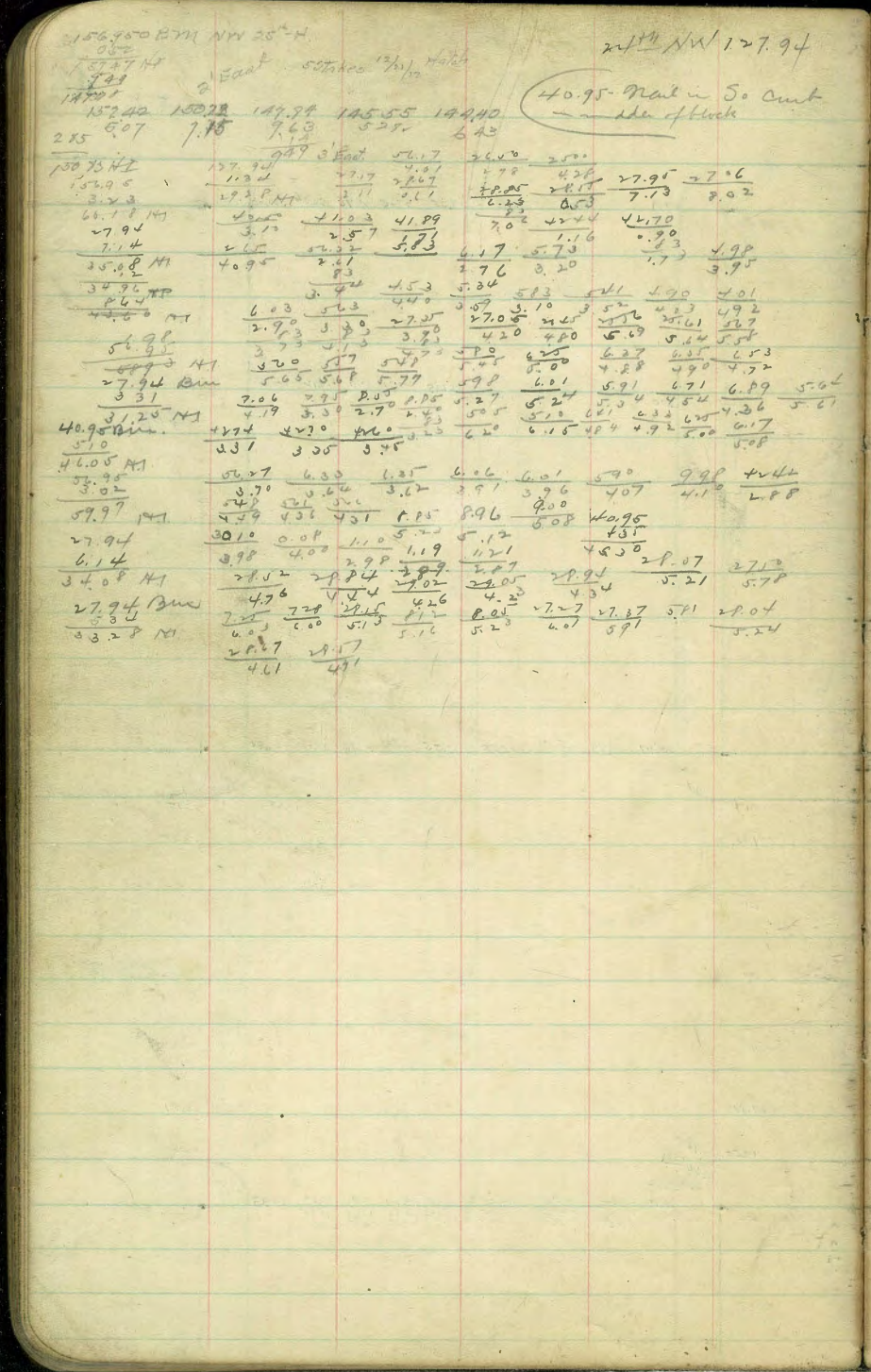
6 Stokes 12/21/12 Hatch

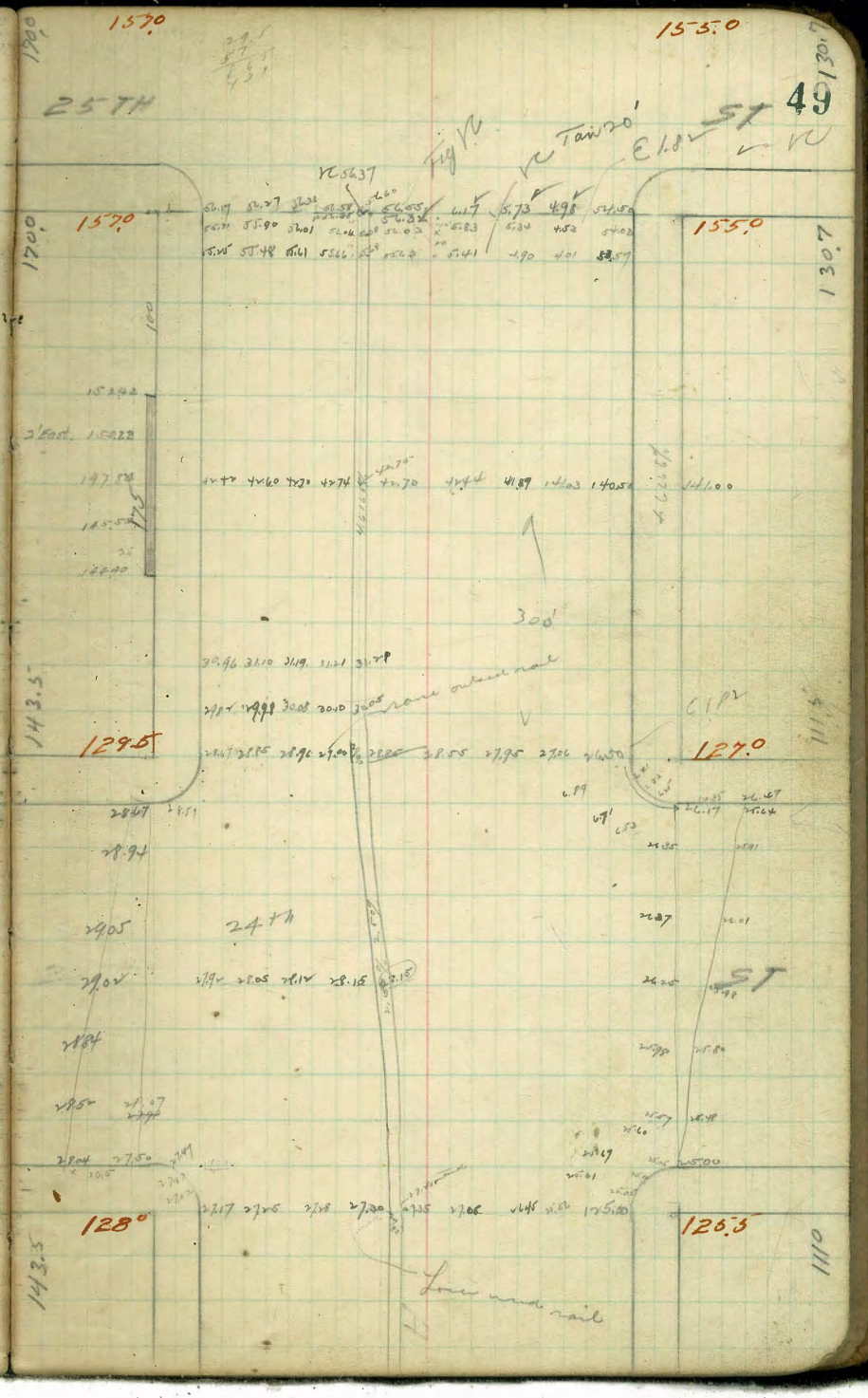



20 SW 84.01
21 ST.
ST 48
102.0
100.0
90.0
87.0
84.0
ST



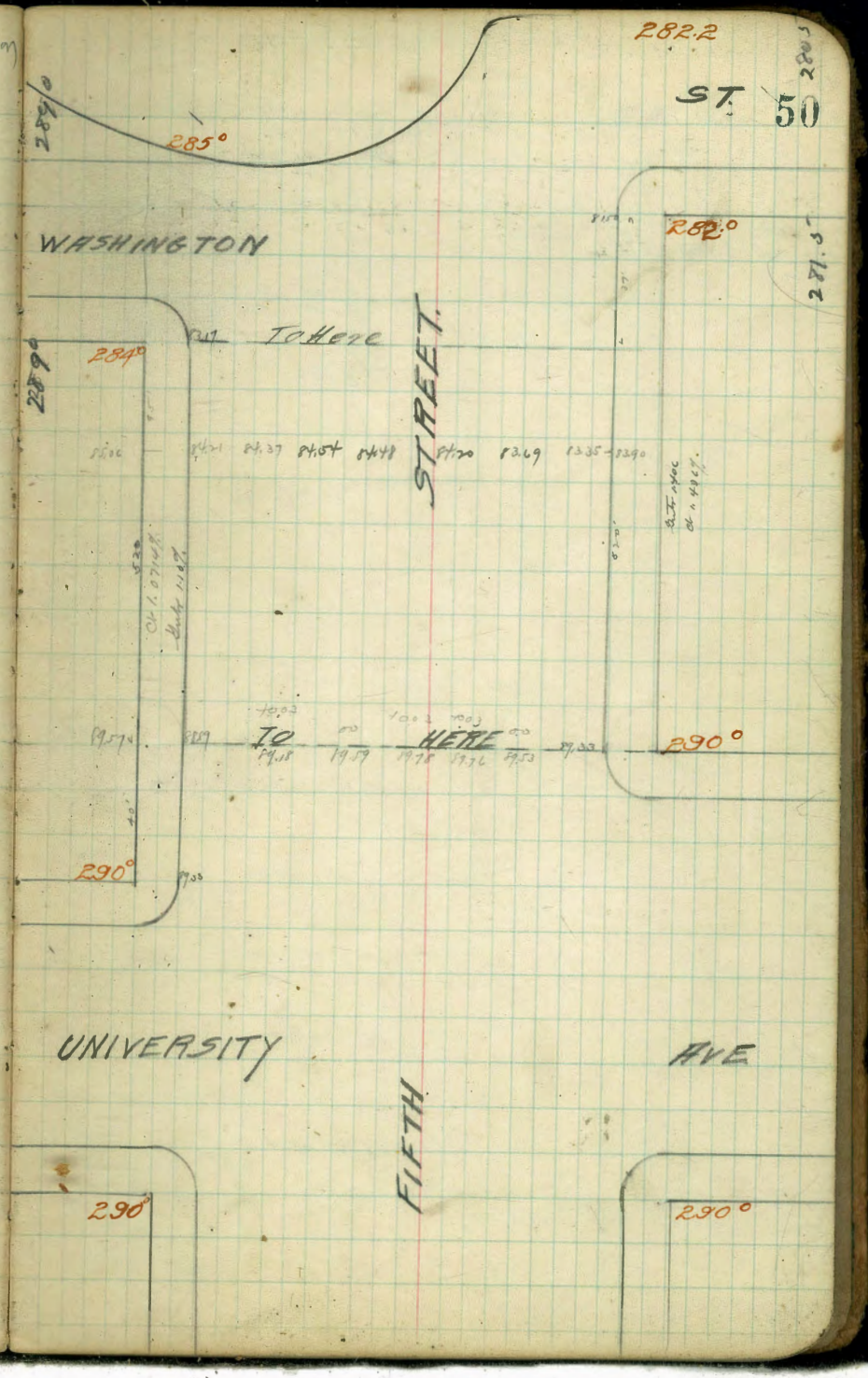

24TH
ST
Lower underwall
128.0
125.5
122.0
100' South
119.0
225.0
250
116.4
116.0
114.0
115.0
113.0
ST


24th NW 127.94
40.95 - Nail in So Curb
middle of block
2' East
3' East
40.95 Bin
27.94 Bin
27.94 Bin

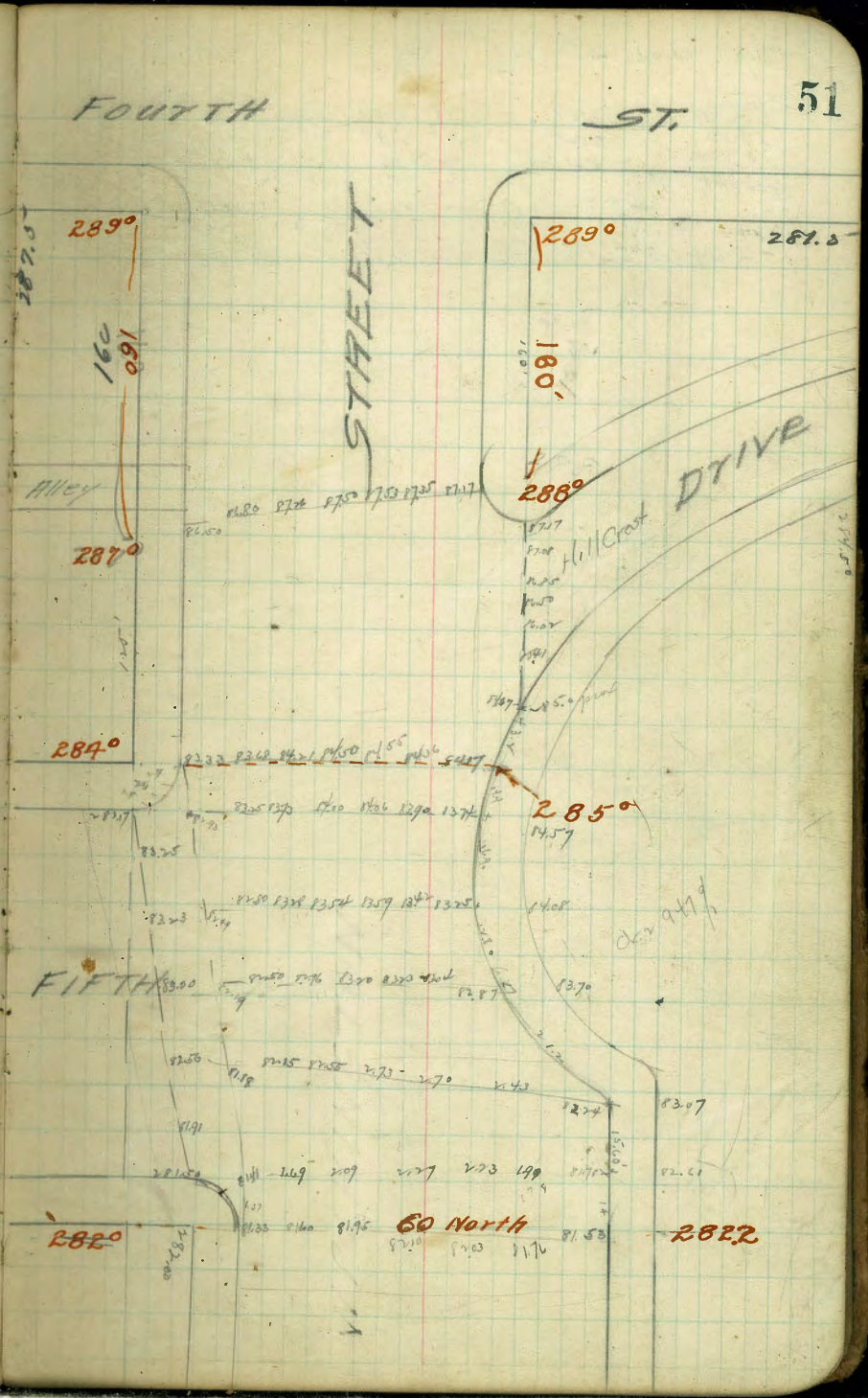

25TH
157.0
155.0
129.5
127.0
128.0
125.5
24th
ST
Fig VC
Tan 20'
E 1.82
300'
rave outside rail
Lower inside rail
1700
1300
1430
1110

89.94 NW 5th & Univ

284.02 S.W. 5th & Washington

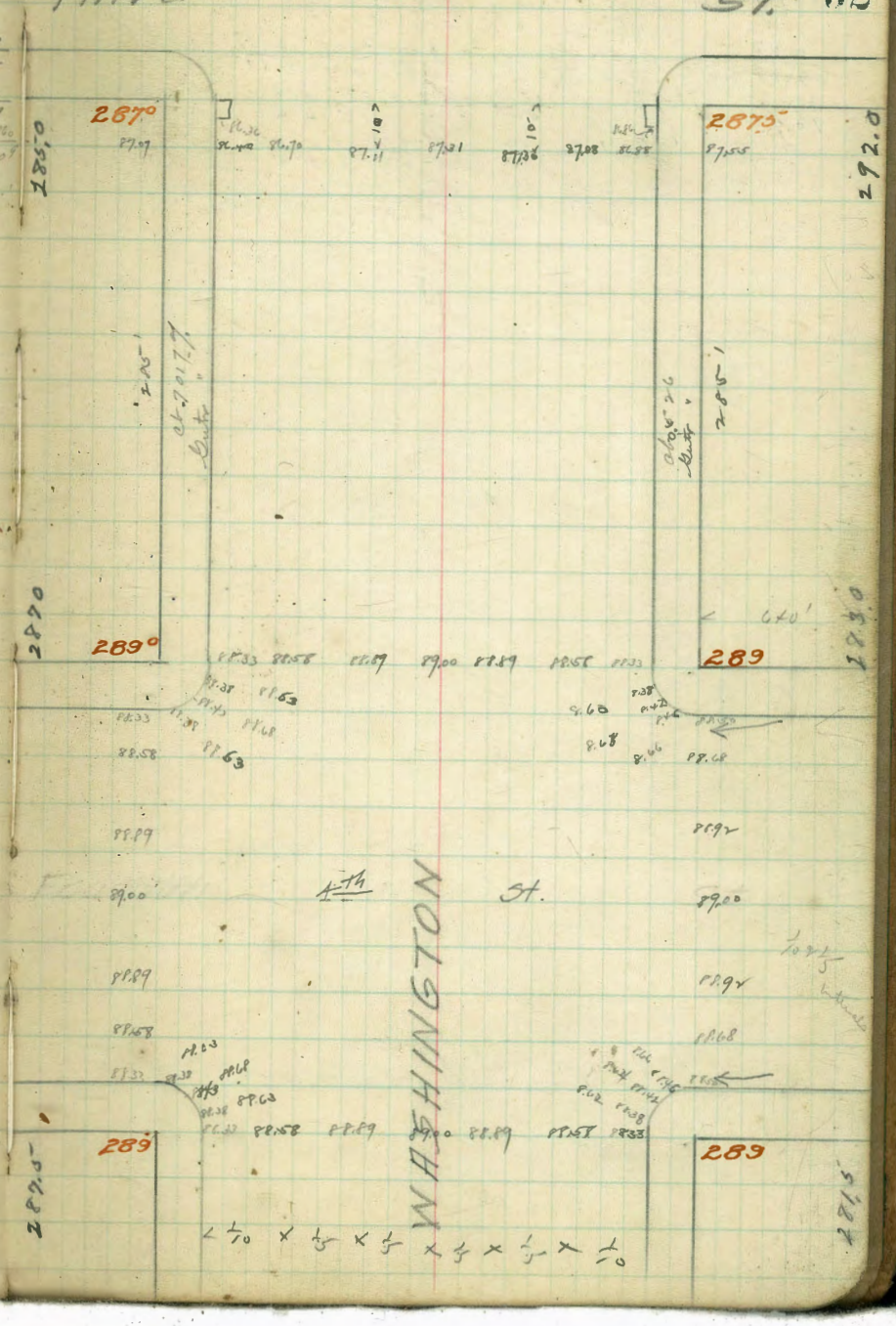


284.02 S.W. 5th

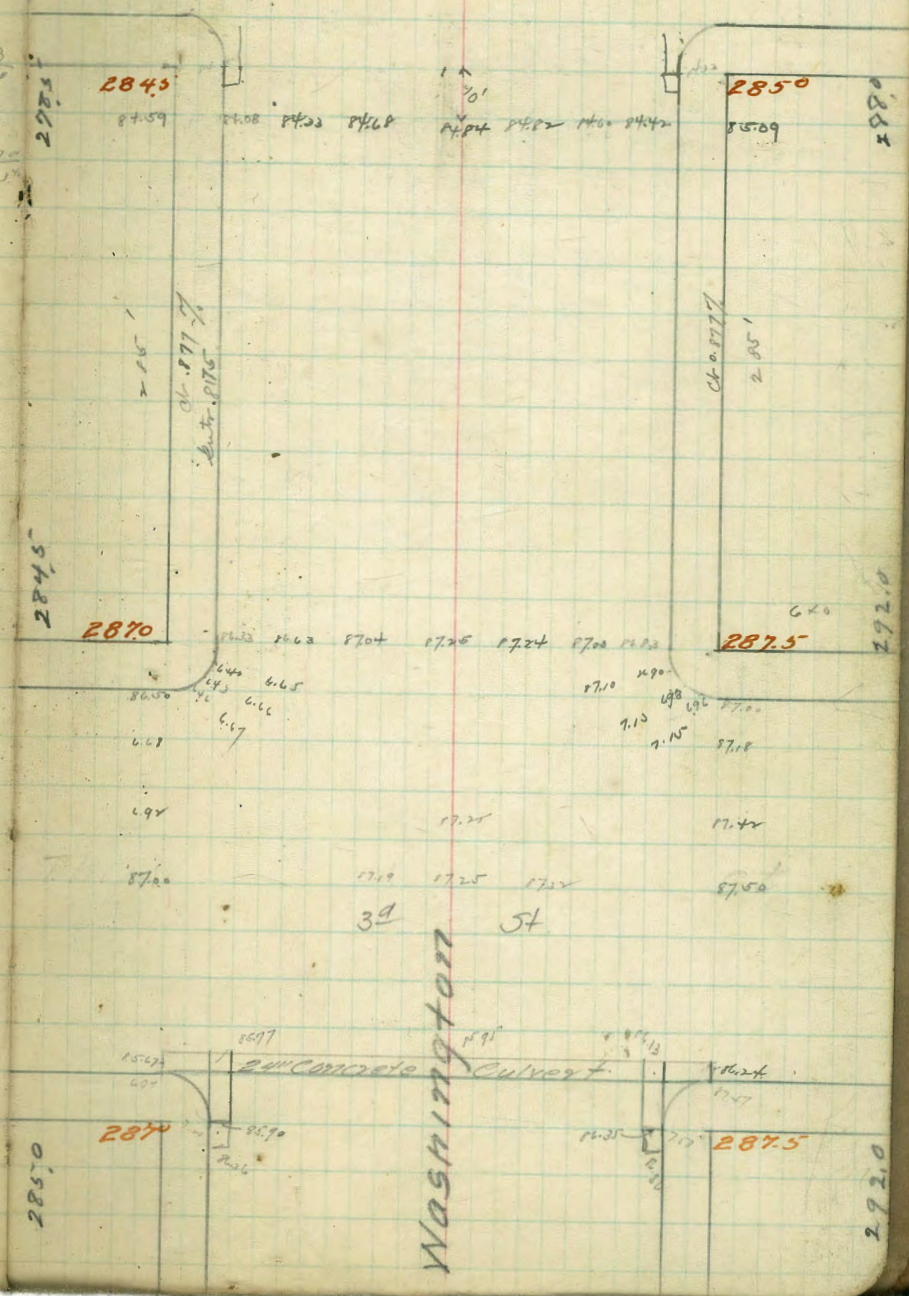


FOURTH
ST.
STREET
DRIVE
Hill Crest
Alley
FIFTH
60 North
289°
287°
284°
285°
288°
282°
282.2

89.01 N.W. 4th



87.50 N.W 3d


Second St
284.5
285.0
287.0
287.5
3d St
Washington
24" Concrete Culvert
287.0
287.5
292.0

85.015 N.E 2d

78.98
7.73
86.71

85.01
1.67
86.68 Hi

85.01
1.18
86.19 Hi

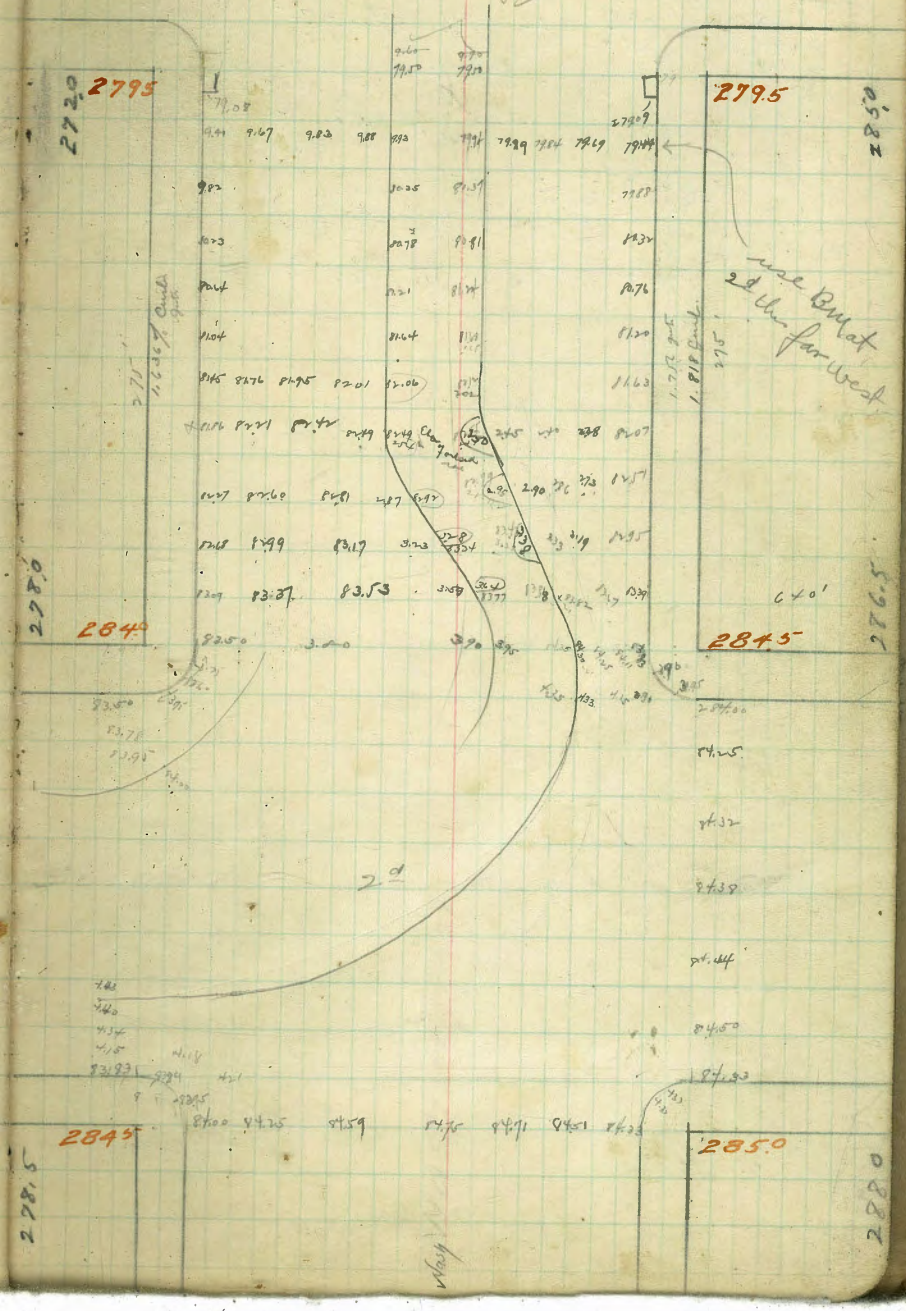
85.01
3.66
88.67 Hi

85.01
3.47
88.48 Hi

85.01
3.42
88.43 Hi

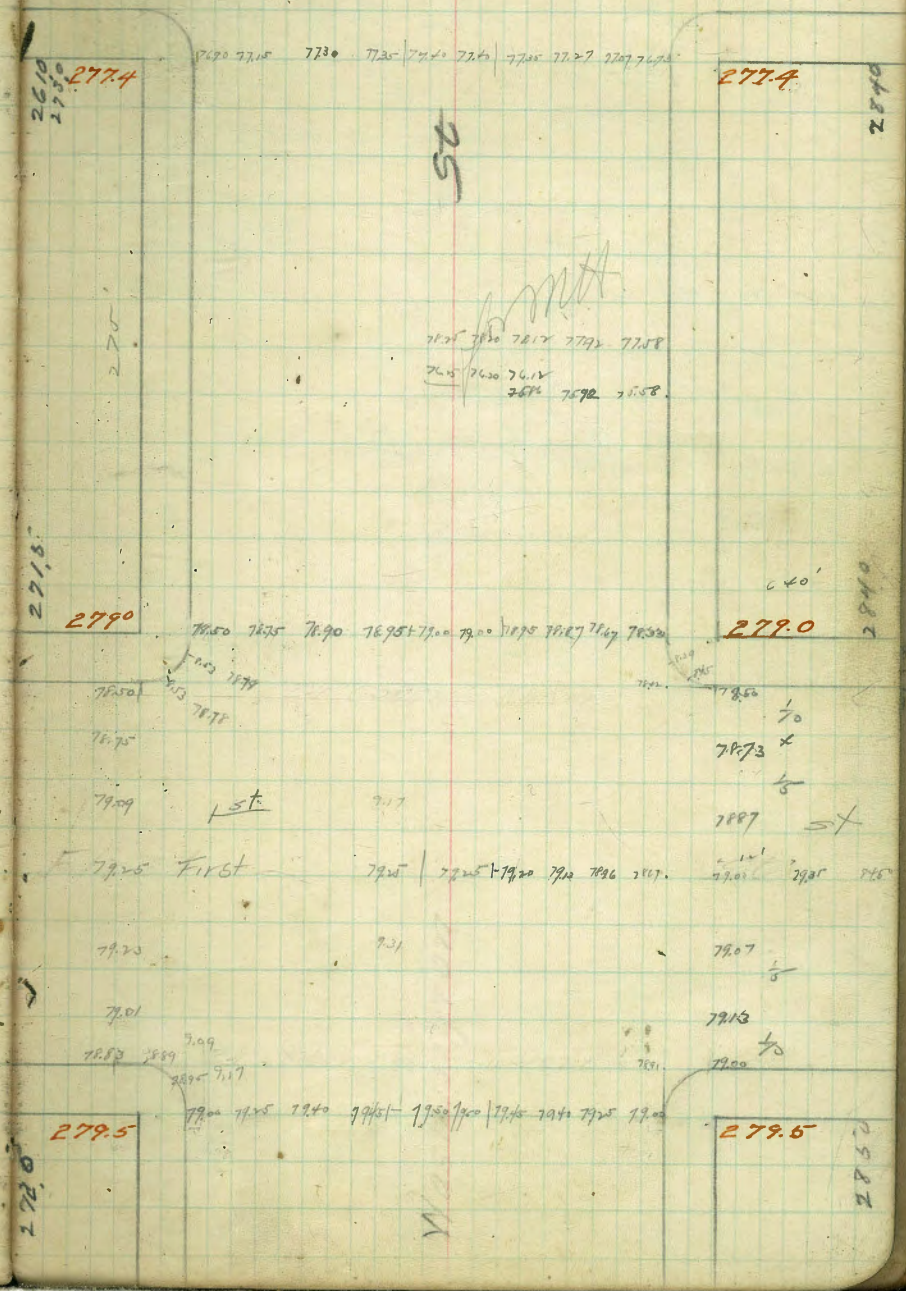
First St

If culverts are put in same tracks



78.98 N.W 10th RR Spk pole

Albatross St. 55



77.41 BM Nail Ch. N E Alb.

~~77.50 2W Alb. Mon.~~

Brant St

260.8 | 60.30 60.55 60.70 60.75 60.80 60.75 | 60.70 | 260.8

261.8 | 61.30 61.55 61.70 61.75 61.80 61.75 | 61.30 | 261.8

262.6 | 62.10 62.35 62.50 62.55 62.60 62.55 | 62.10 | 262.6

263.7 | 63.20 63.45 63.60 63.65 63.7 63.65 | 63.20 | 263.7

265.0 | 64.50 64.75 64.90 64.95 65.00 64.95 | 64.50 | 265.0

Use BM at Brant

Use BM at Albatross

274.3 | 73.80 74.05 74.20 74.25 74.3 74.3 4.25 4.20 4.05 | 73.80 | 274.3

277.0 | 76.50 76.75 76.90 76.95 77.0 77.00 76.95 76.87 76.67 76.33 | 277.0

Albatross 77.20 | 77.20 | 77.20 |

77.05 | 77.13 |

77.16 | 77.24 |

76.92

76.73 | 77.31 |

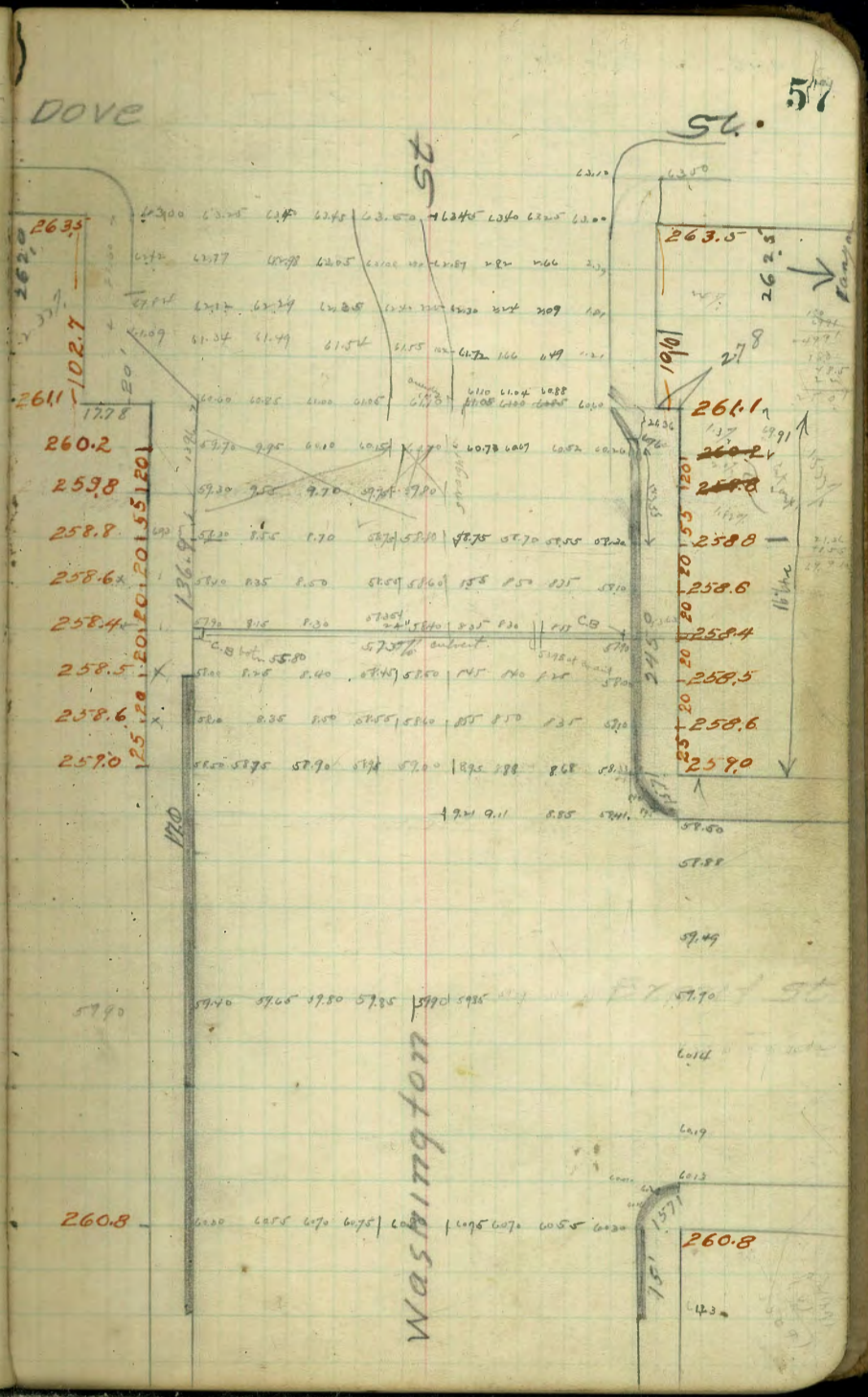
277.4 | 76.90 77.15 77.30 77.35 77.40 77.40 77.35 77.27 77.07 76.78 | 277.4

Brant St

Albatross

64.46 N.W. Dove.

62.56 - Spk. N.E. Brant.



64.46 N.W Dove. 3.88 / 68.34 HI 64.00 / 4.34 6305 / 562 / 6867 HI

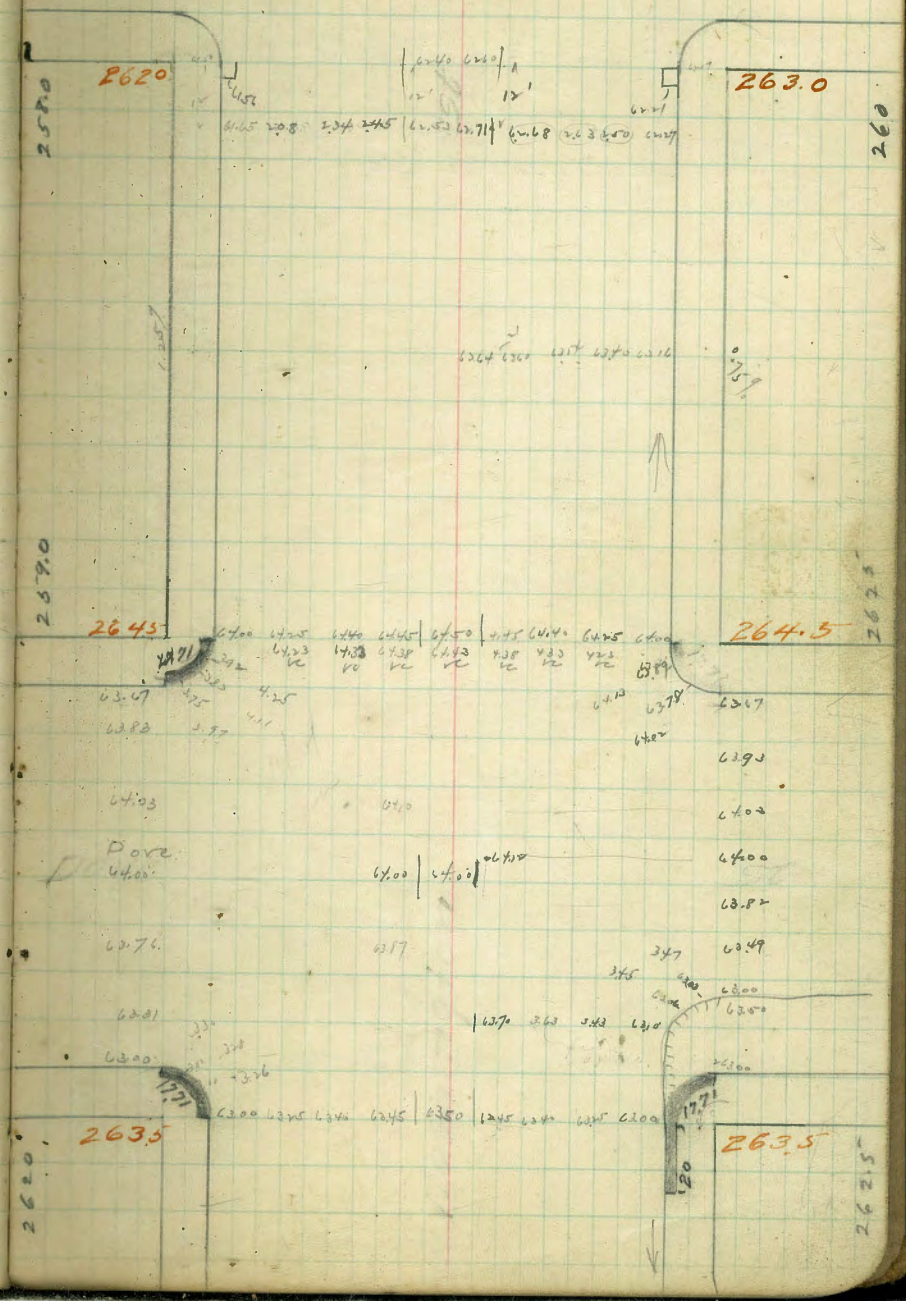
~~67.62 HI~~ 420 / 68.66 HI 562 / 70.08 HI 360 / 68.06 HI 64.46 / 3.07 / ~~67.53 HI~~ 63.05 / 449 / ~~67.54 HI~~ 64.46 / 3.07 / 67.53 HI

6350 / 4.12	4.38 / 4.28	433 / 4.33	4.23 / 4.43	245 / 6.22	234 / 6.33	208 / 6.59		
3.83 / 6.25	403 / 6.05	4.10 / 6.08	3.76 / 6.32	331 / 6.77	330 / 6.78	328 / 6.80	326 / 6.82	
3.97 / 6.11	411 / 5.97	421 / 5.83	6.08	7.08				
3.92 / 4.14	383 / 4.23	375 / 4.31	367 / 4.39	6446 / 343 / 67.89 HI	340 / 449 / 499			
64.25 / 3.28	440 / 3.13	445 / 3.07	4.38 / 3.15	433 / 3.20	423 / 3.30			
250 / 5.04	263 / 4.91	268 / 4.86	413 / 3.40	4.02 / 3.51	3.93 / 3.60	403 / 3.51	400 / 3.53	382 / 3.71
349 / 4.93 / 4.87	347 / 4.06	345 / 4.08 / 4.93	340 / 4.10	363 / 3.90	370 / 3.83	345 / 4.08 / 4.91	340 / 4.13	325 / 4.28
3.89 / 3.64	378 / 3.75	367 / 3.86	3.00 / 4.53	303 / 4.50	306 / 4.47	6412 / 3.41	409 / 3.44	

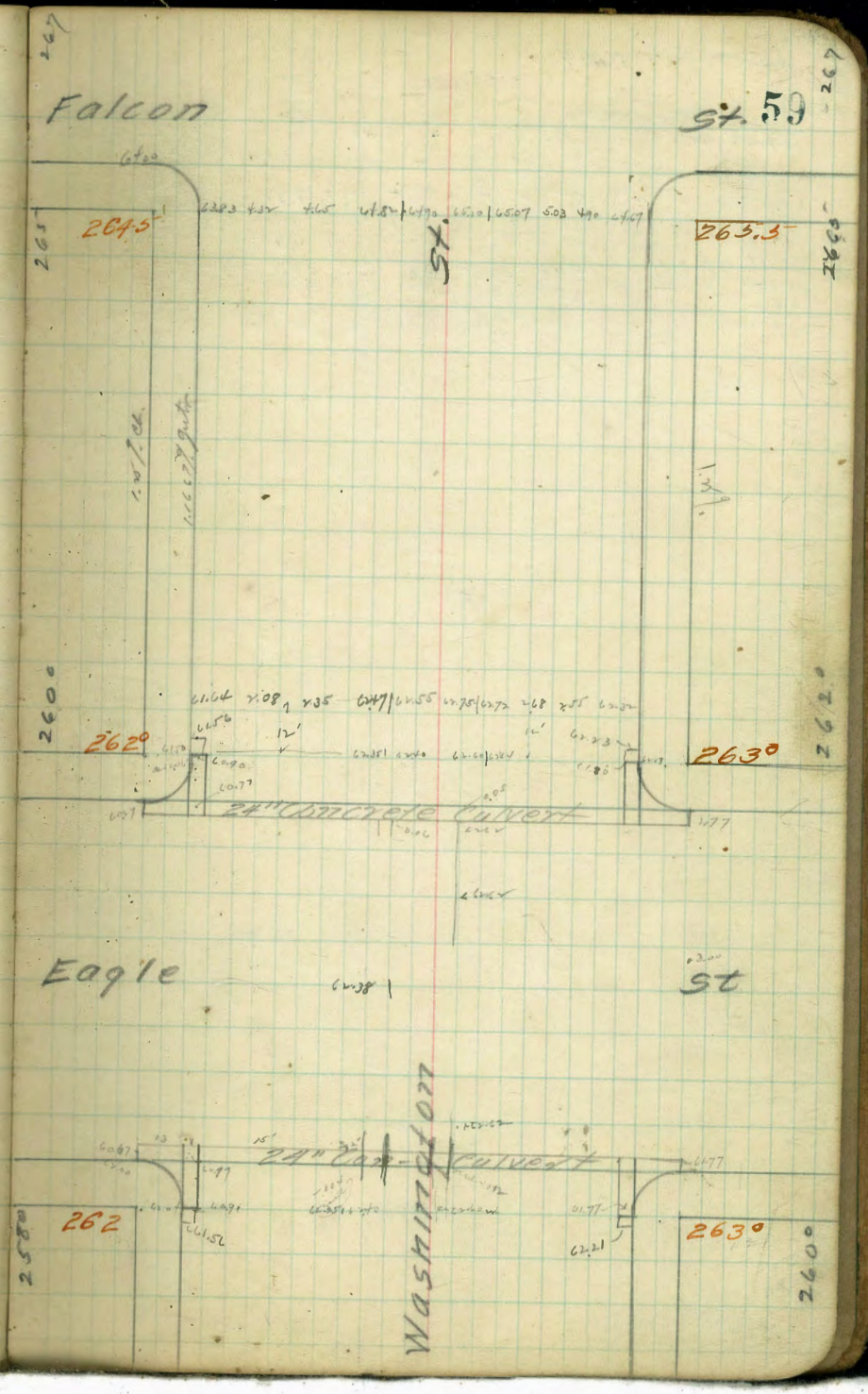
Eagle

0.12 for 1' fall low side
2' from rail — 0.08

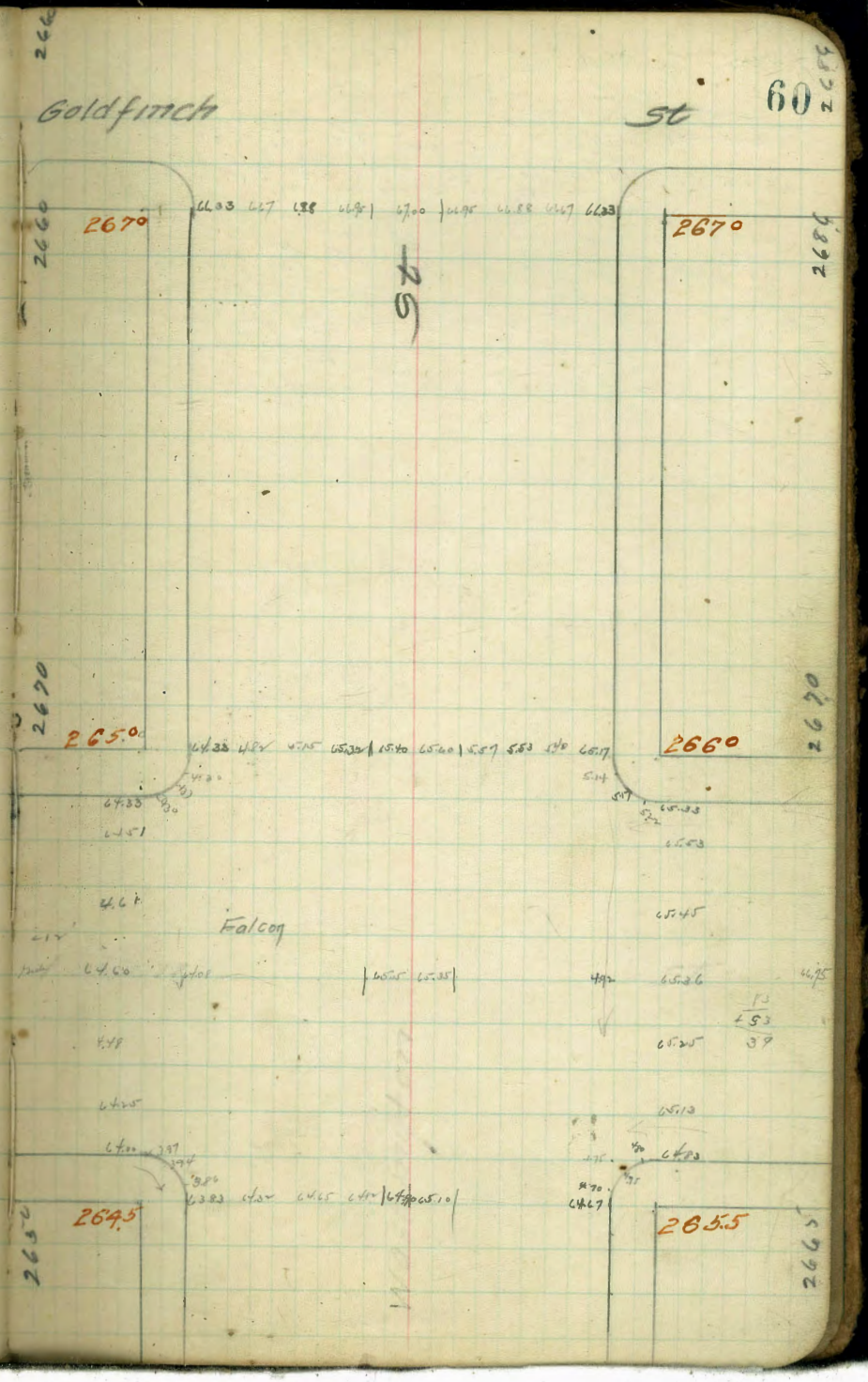
St.



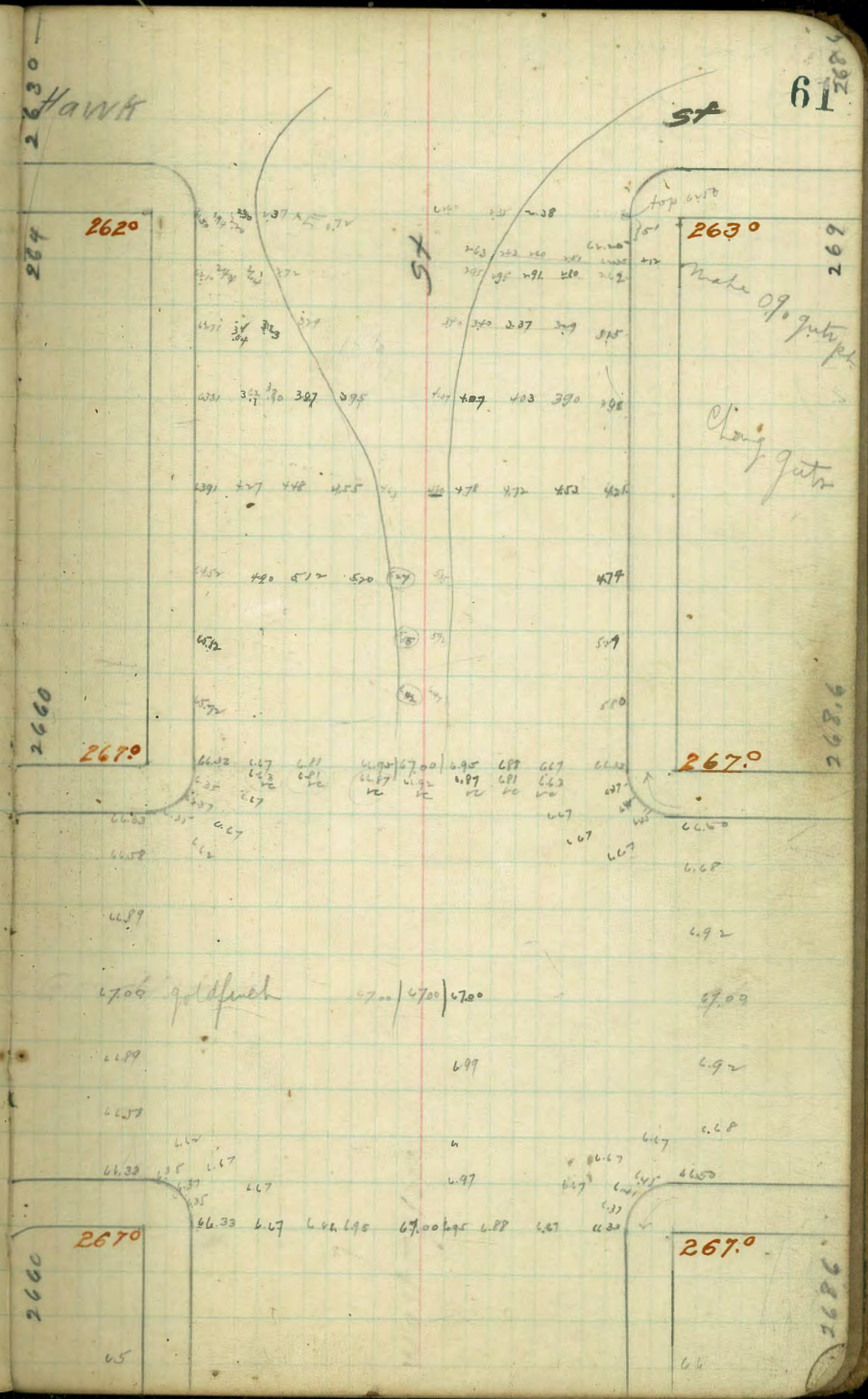
6305 N.E. Eagle.



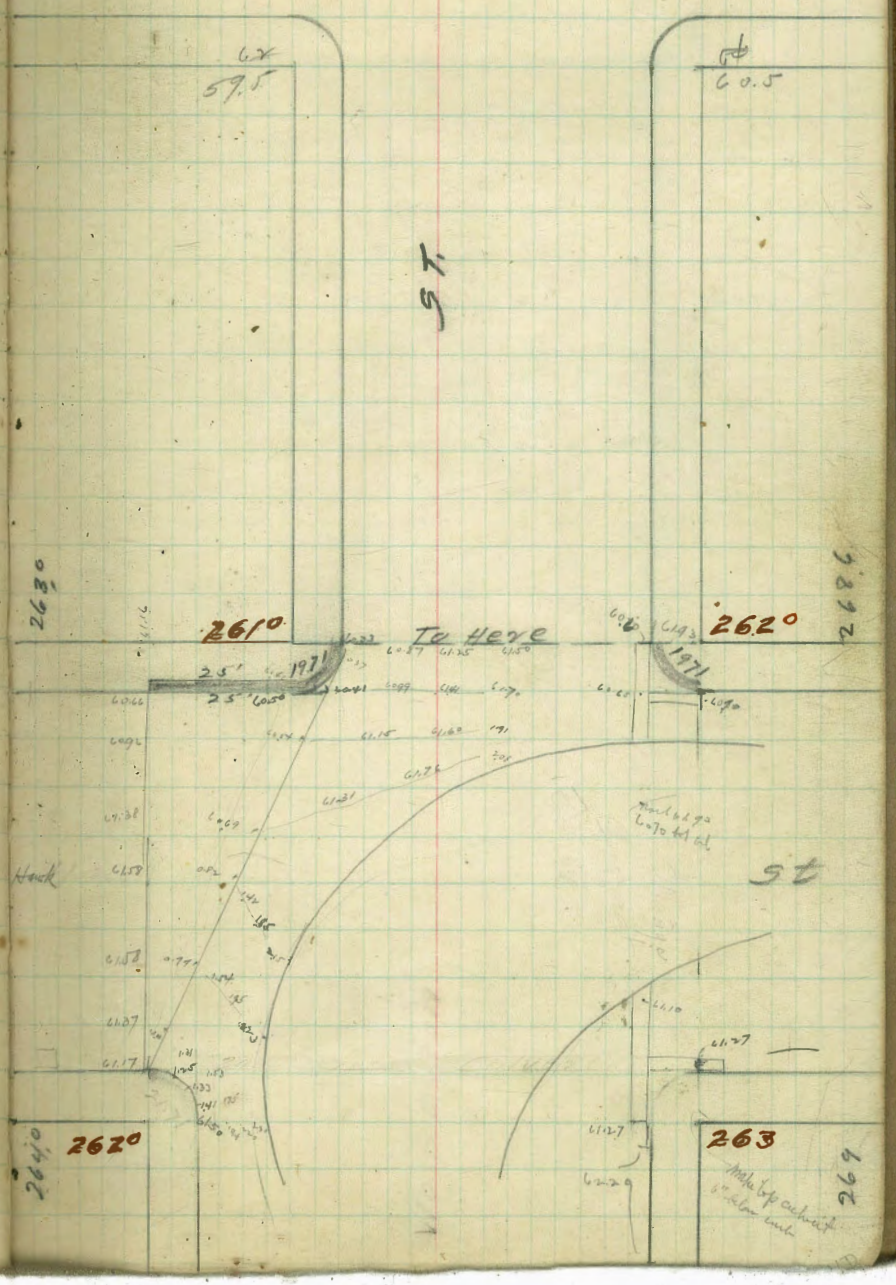
65.50 - Falcon NE



67.02 - Goldfinch N.E.



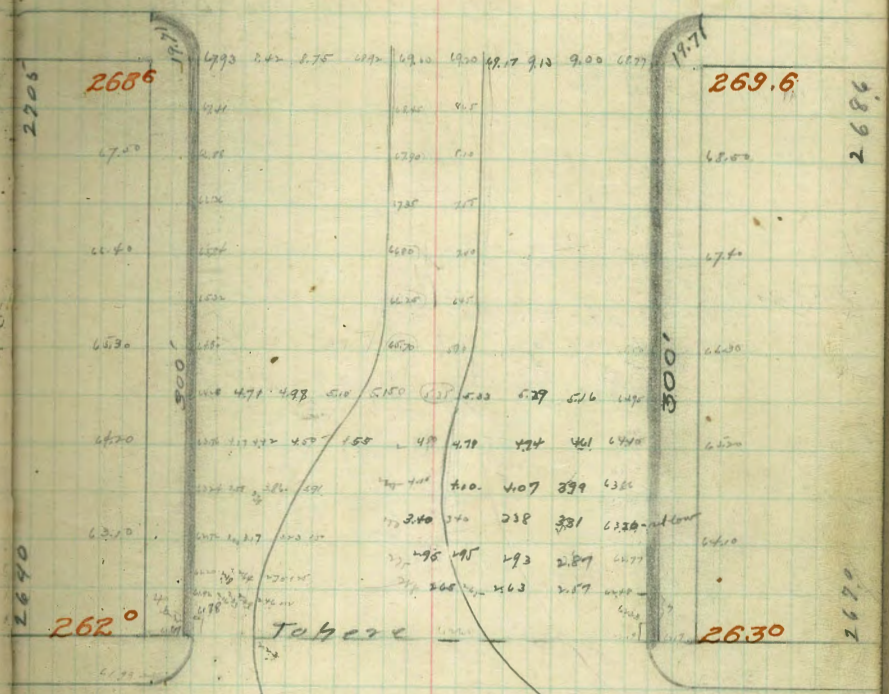
6 3035 Hawk N.E



63.03 - Washington N.E

63

Getty St.



West 7th St.

69.68 from Wash. [illegible]

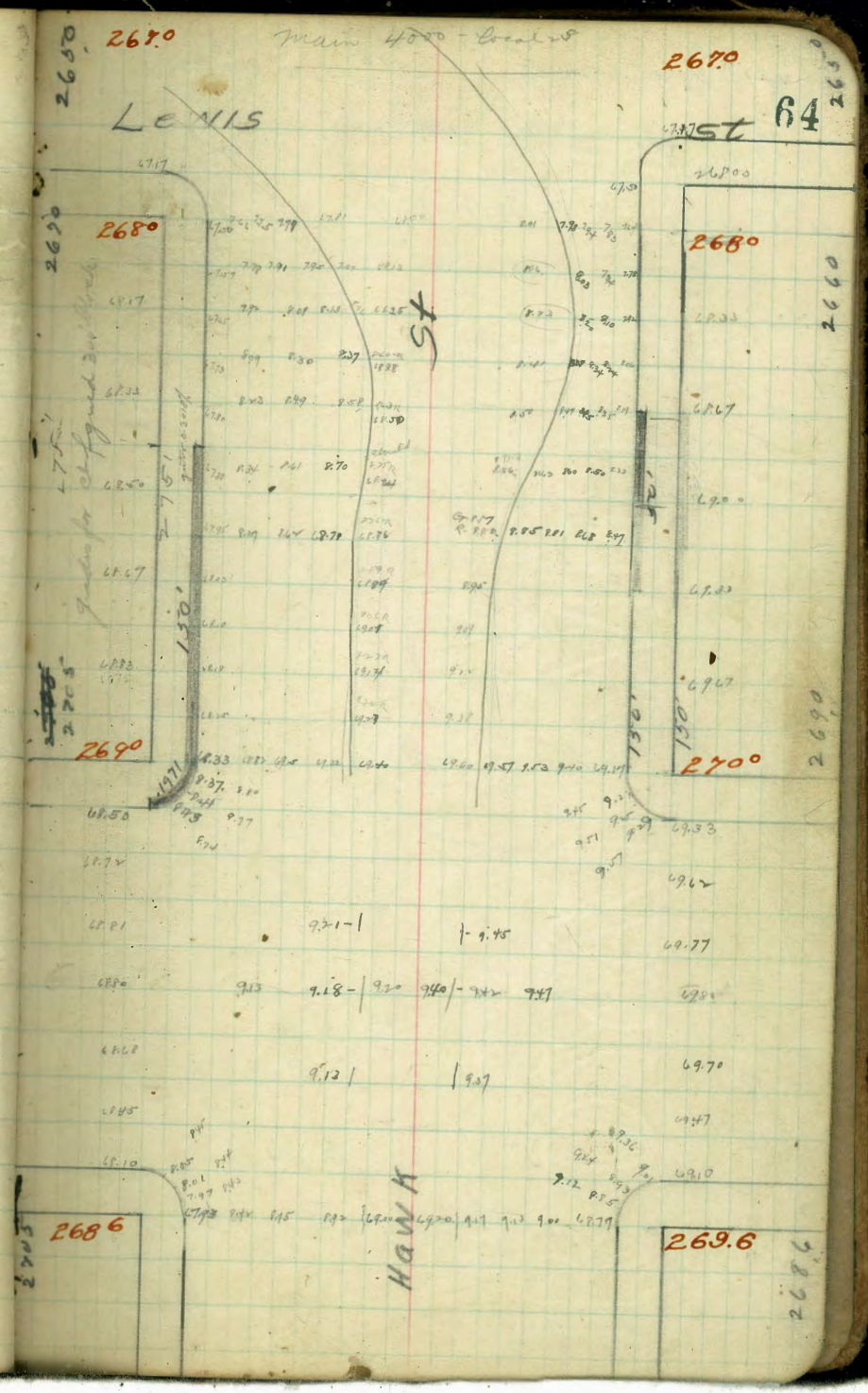
~~69.72~~ Gett. S.E. RR Spk. 68.34 SW Lewis.

69.68
2.53
72.21 Hi

69.68 Bm.
2.51
72.19 Hi

68.34
5.92
74.26 Hi

69.68
3.97
73.65 Hi



4th N/W 60.44

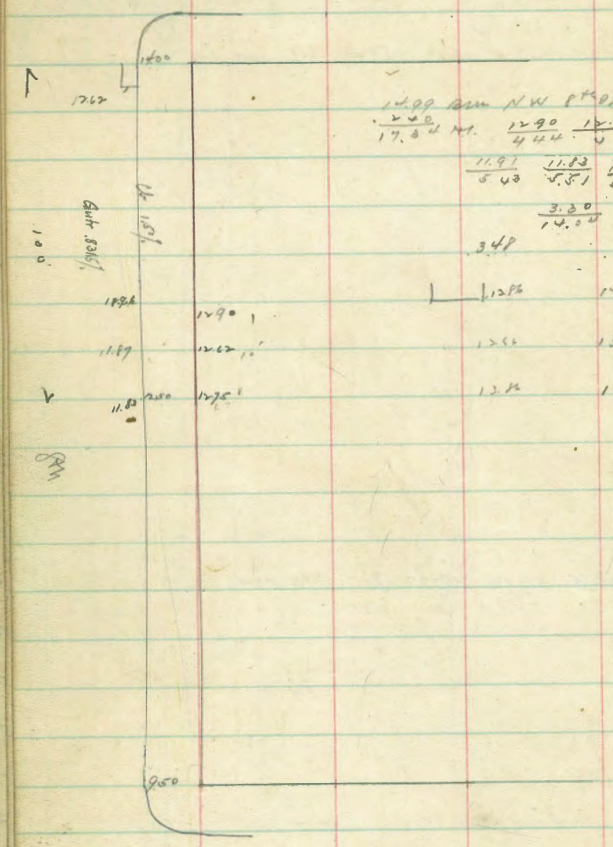
5th N/W 67.82

FIFTH ST.

FOURTH ST

ST

K St



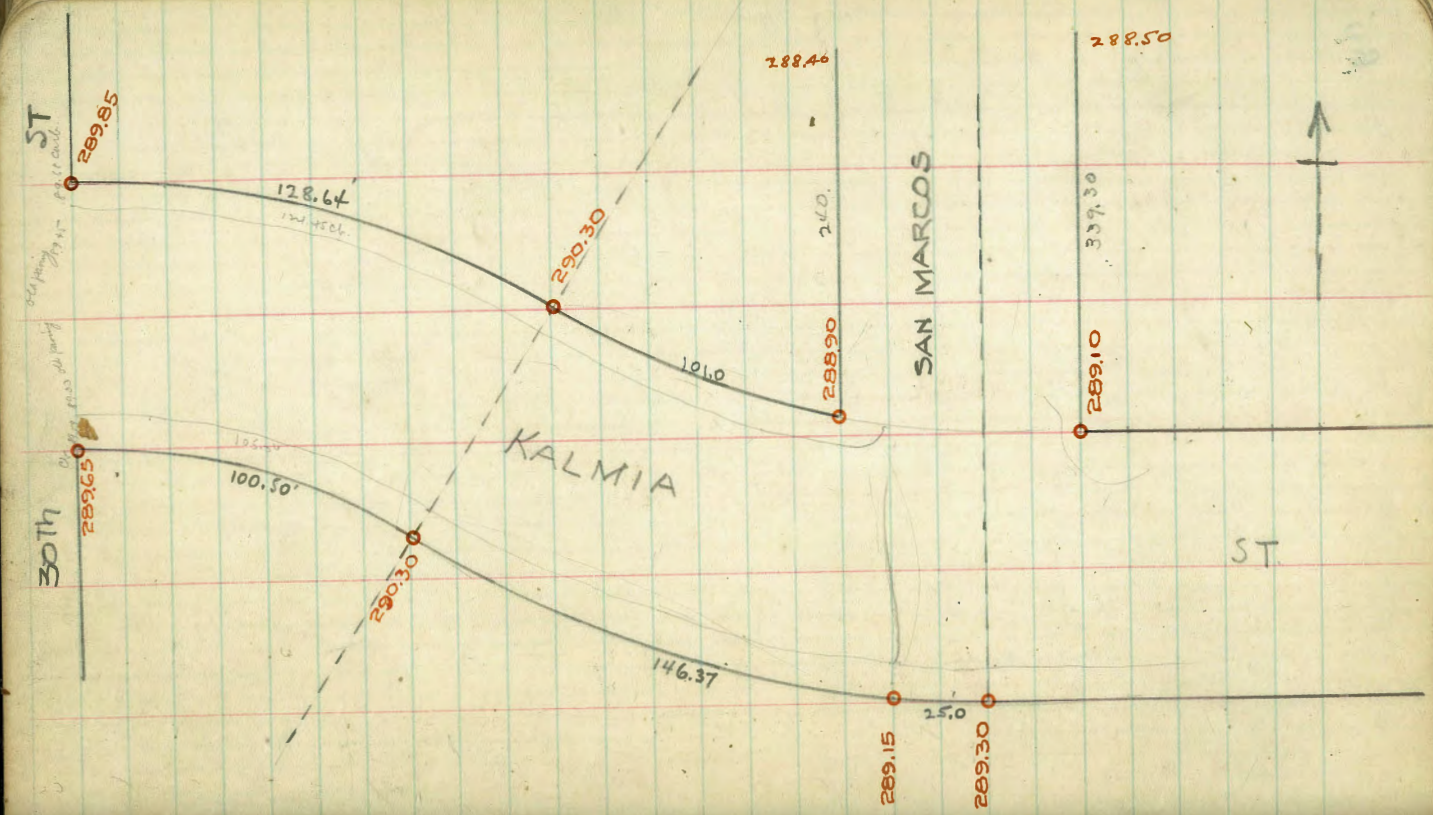
14.99 Bm NW 8th & K PR.

2.40 / 17.34 M.	12.90 / 4.44	12.62 / 4.72	12.75 / 4.59
11.91 / 5.43	11.83 / 5.51	11.87 / 5.47	3.48 / 13.86
3.30 / 14.04	13.66 / 3.68	13.84 / 3.50	

3.48

13.86	14.04
13.66	13.84
13.86	14.04

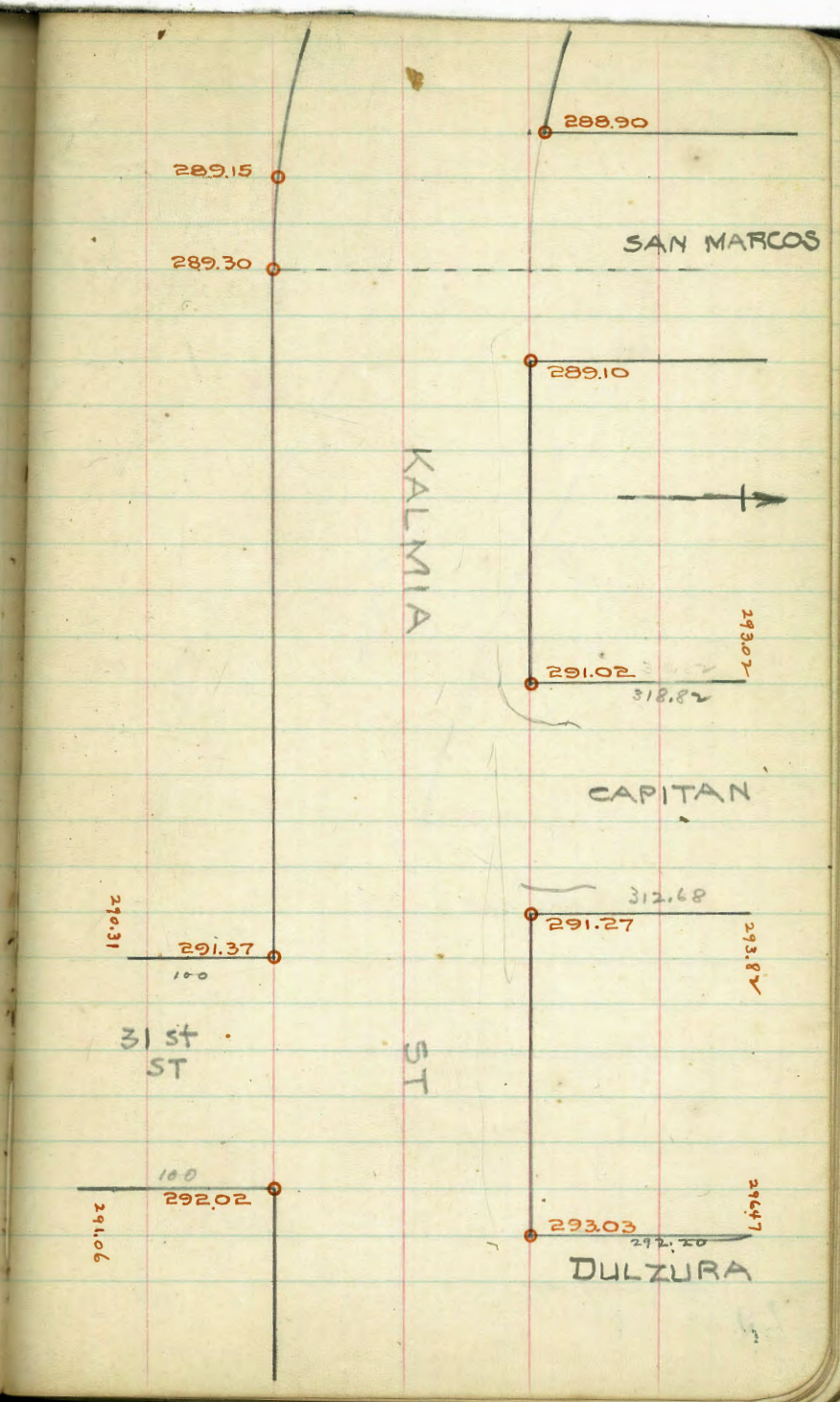
L St



30th & Kal. S.E. P'g rt. 289.71

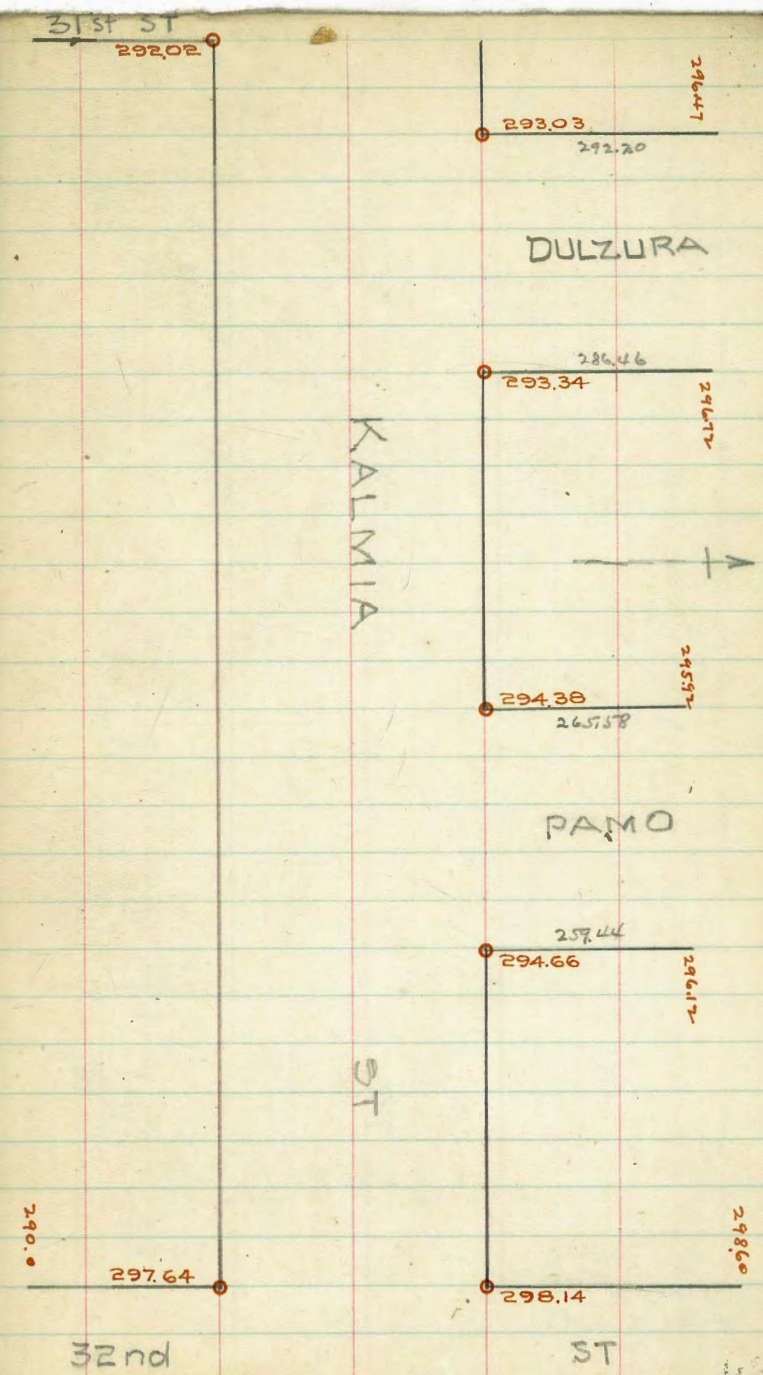
89.71	5.31	5.57	5.22	5.45	4.57
5.19	5.57	5.57	5.22	5.45	4.57
94.90	89.59	89.33	89.68	89.45	90.31

31st & Kal. S.E Plg 292.05



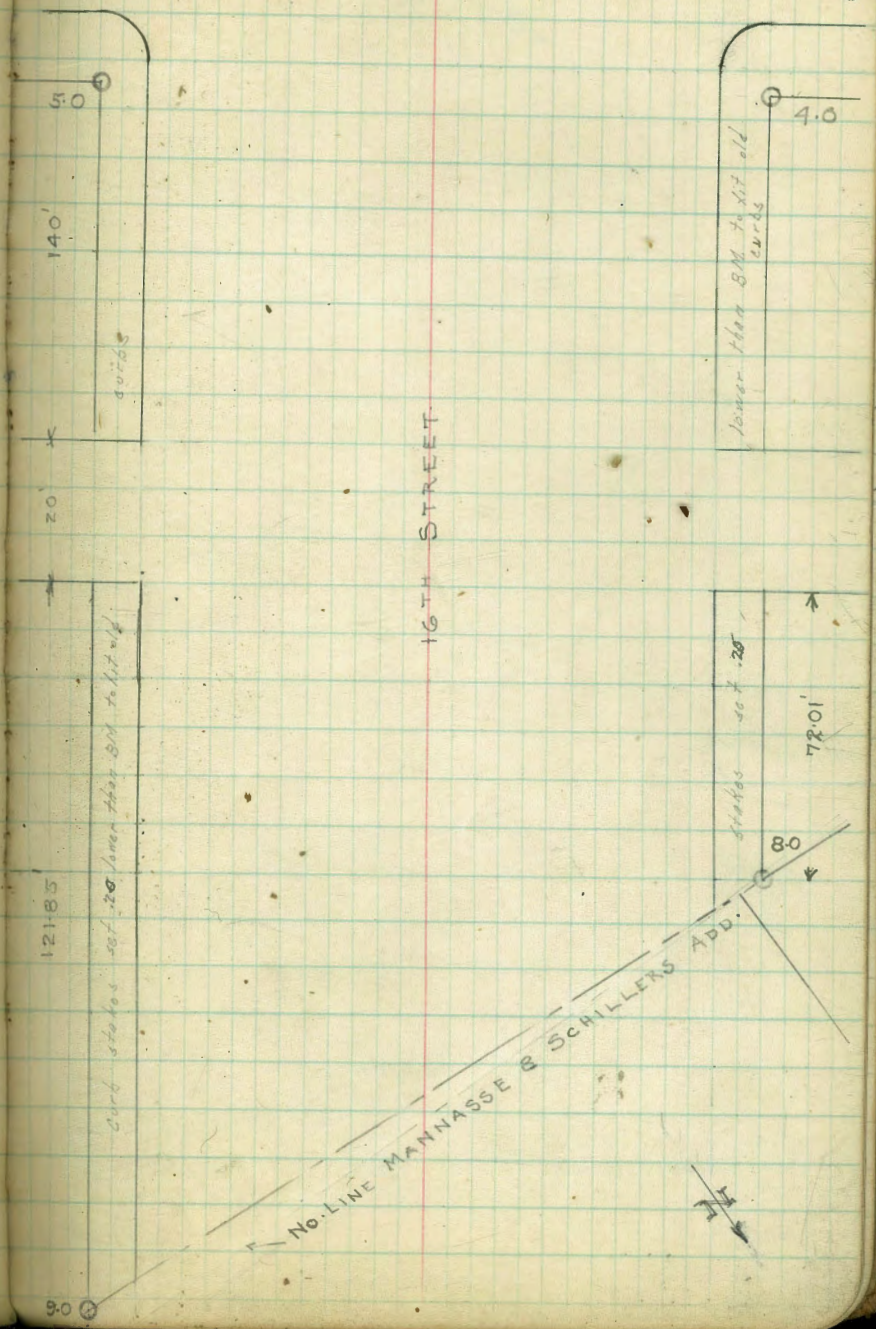
97.62
6.19
102.81

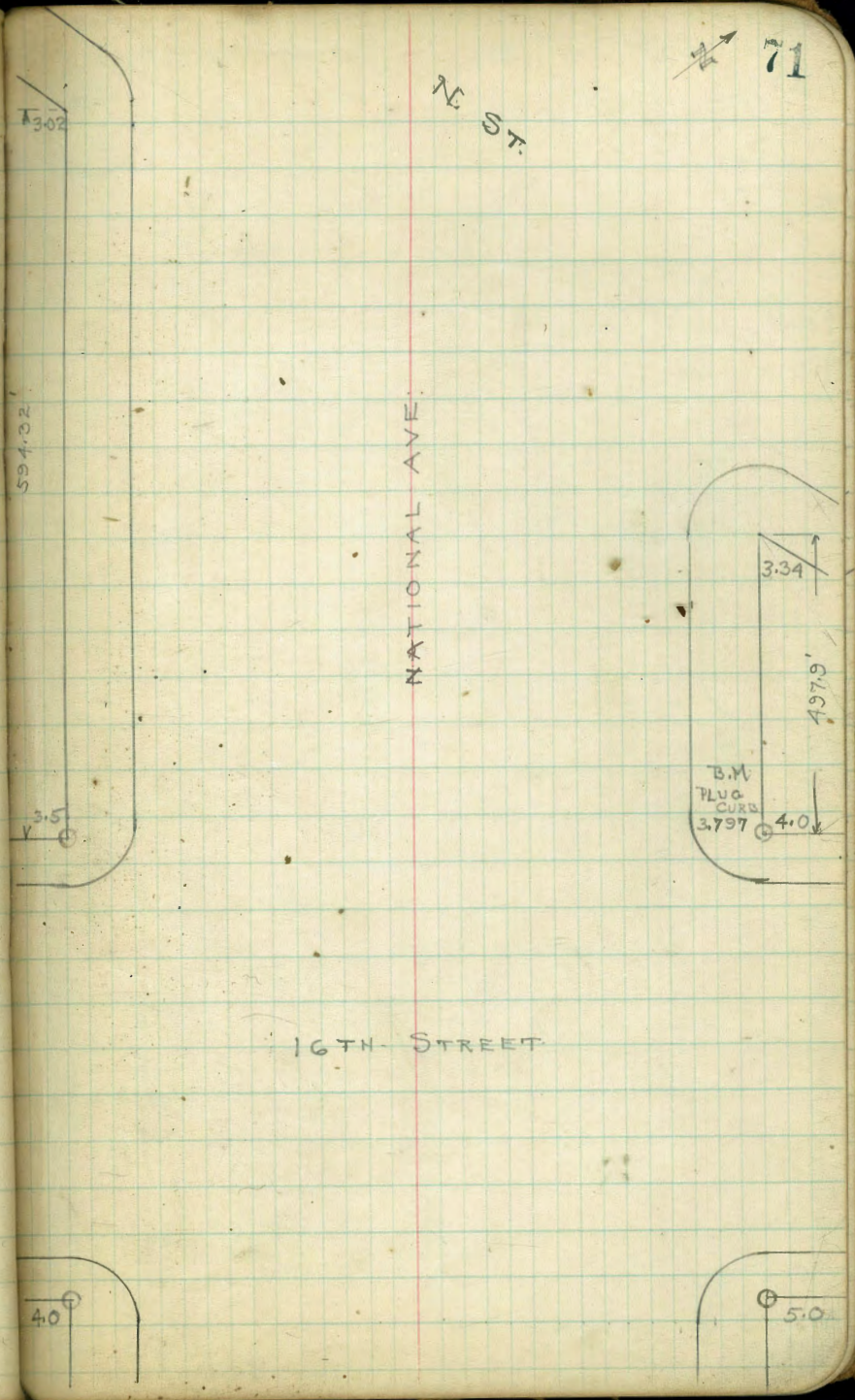
32° & Kal Plg S.W. Cor 297.62
5.81 5.57
97.50



3.70 BM.
0.95
10.75

NATIONAL AVE.



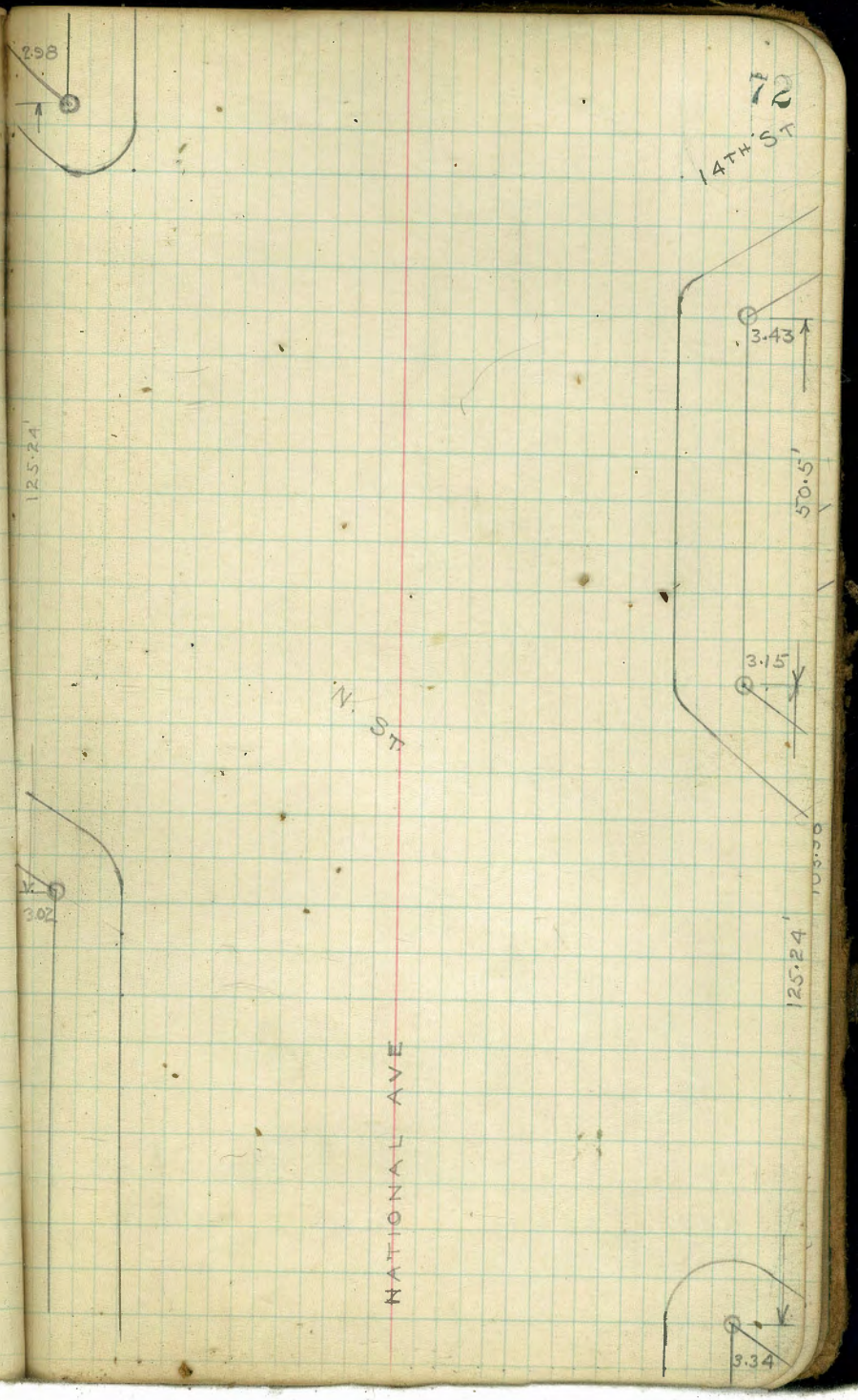

N. ST.
3.02
594.32
3.5
NATIONAL AVE.
3.34
497.9'
B.M.
PLUG
CURB
3.797
4.0
16TH STREET
4.0
5.0

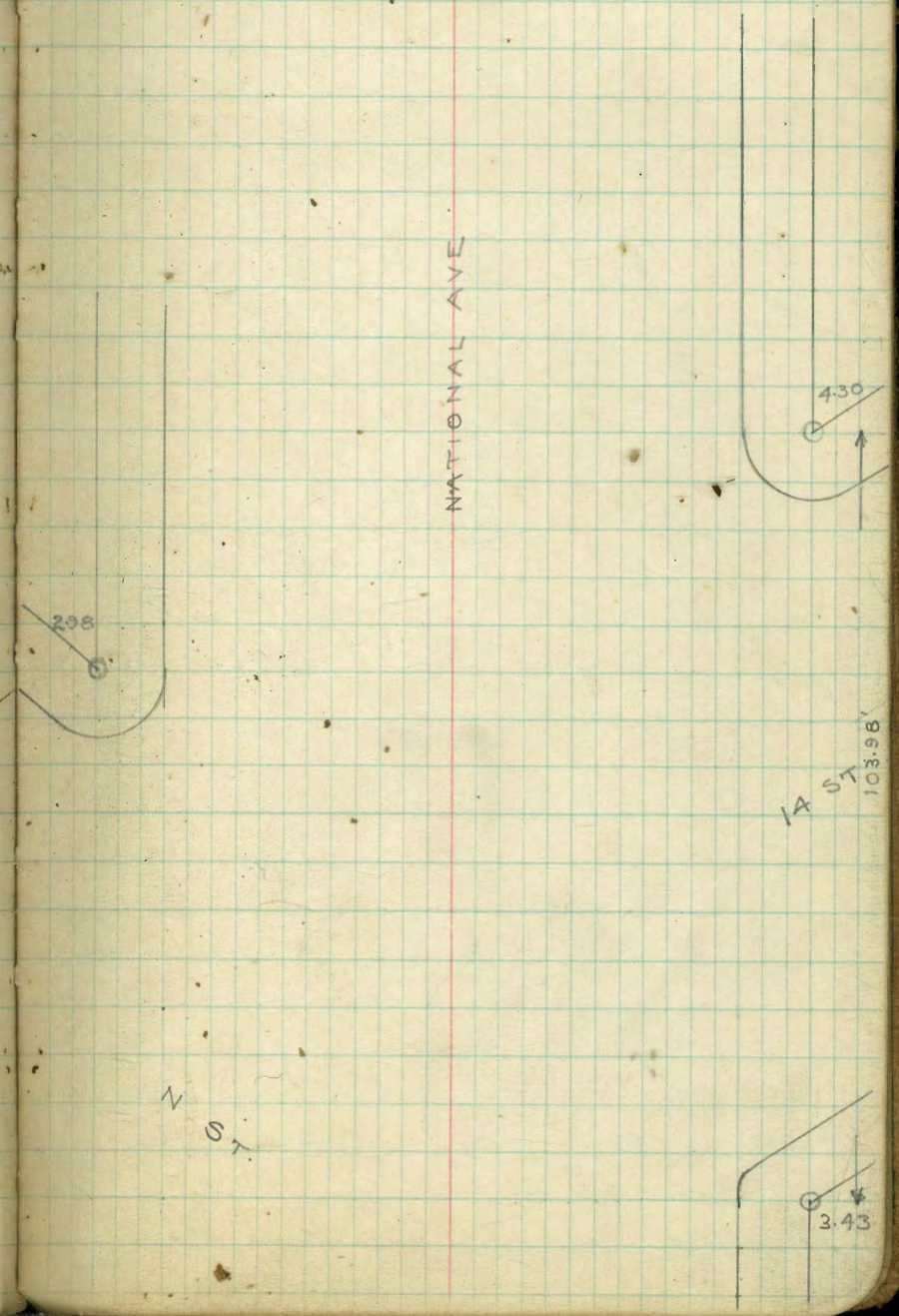
6.93 NE 14th M.
1.86
8.79

302
5.77

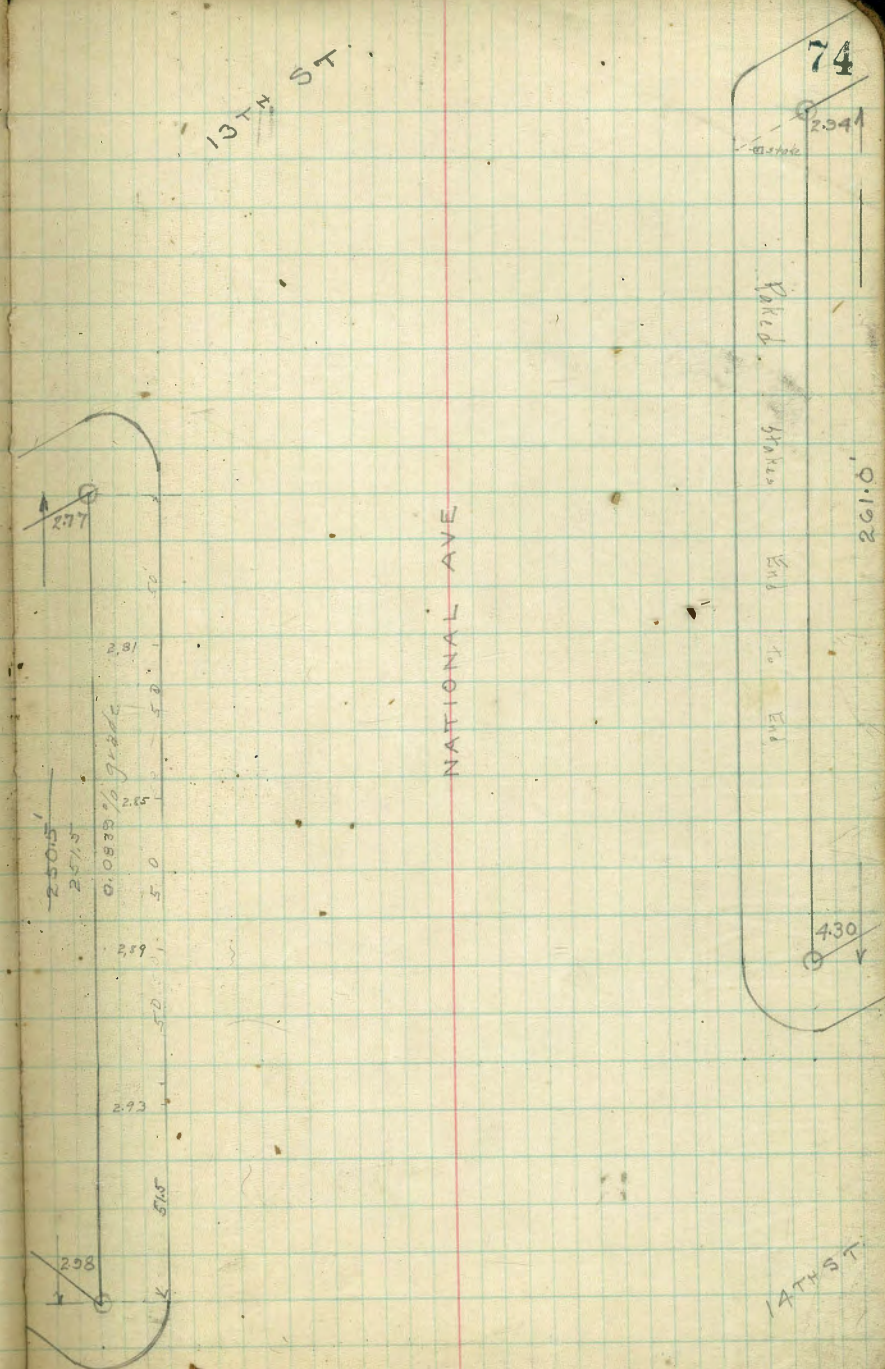
302 T P
527
8.29

334
495




NATIONAL AVE
4.30
2.98
1A ST
103.98'
N ST
3.43

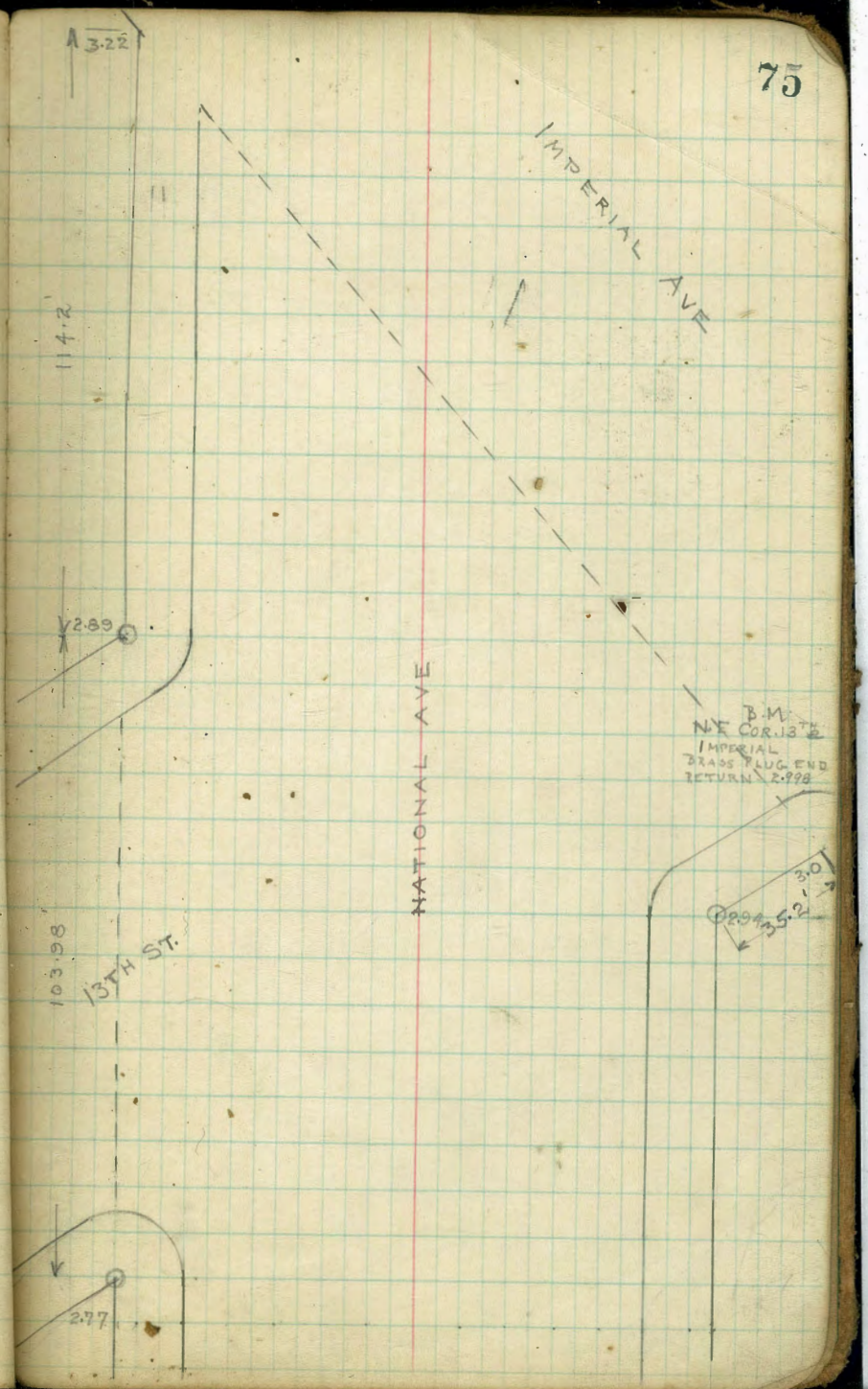
8.38 H.I.	2.77	8.22	8.22	8.22	8.22	2.94	
2.98	5.45	2.81	2.85	2.89	2.93	5.75	
5.40	8.22 H.I.	5.41	5.37	5.33	5.29	8.69 H.I.	
						4.30	
						4.39	



3.00 B.M. 7.95
4.95
7.95 H.I.
5.18
2.77
5.61
8.38 H.I.

3.00
4.94
7.94 H.I.
2.94
5.00

3.00 B.M. NE 13th & M.
4.98
7.93
2.94
4.99

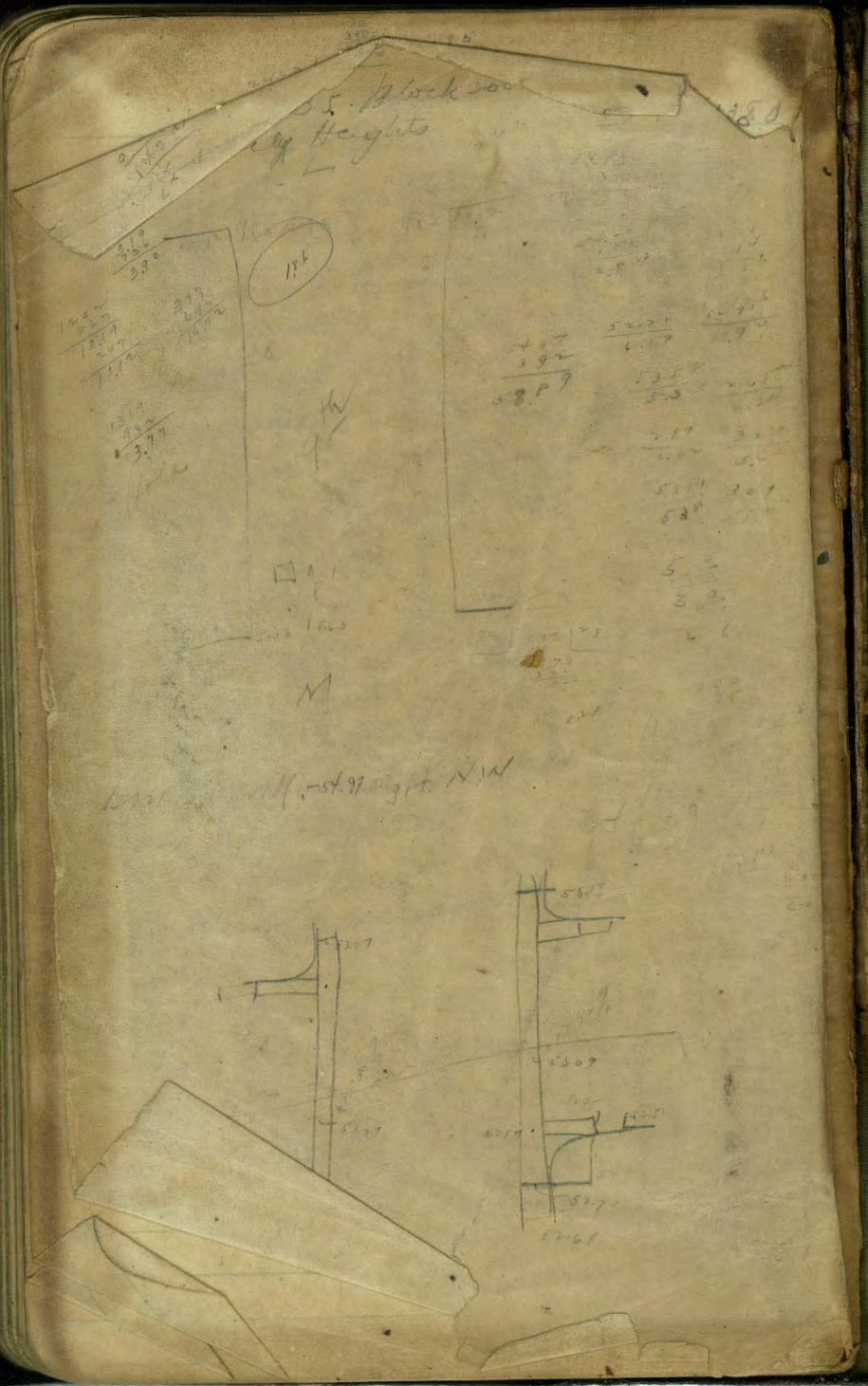


12th St.
NATIONAL AVE
IMPERIAL AVE
3.55
20.4'
3.46
5.06
3.15
183.13
Curb stripes painted from end of solid curbs

Arctic

BM 7461 SE Arctic

Walter Stout

4420 Jackdaw

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