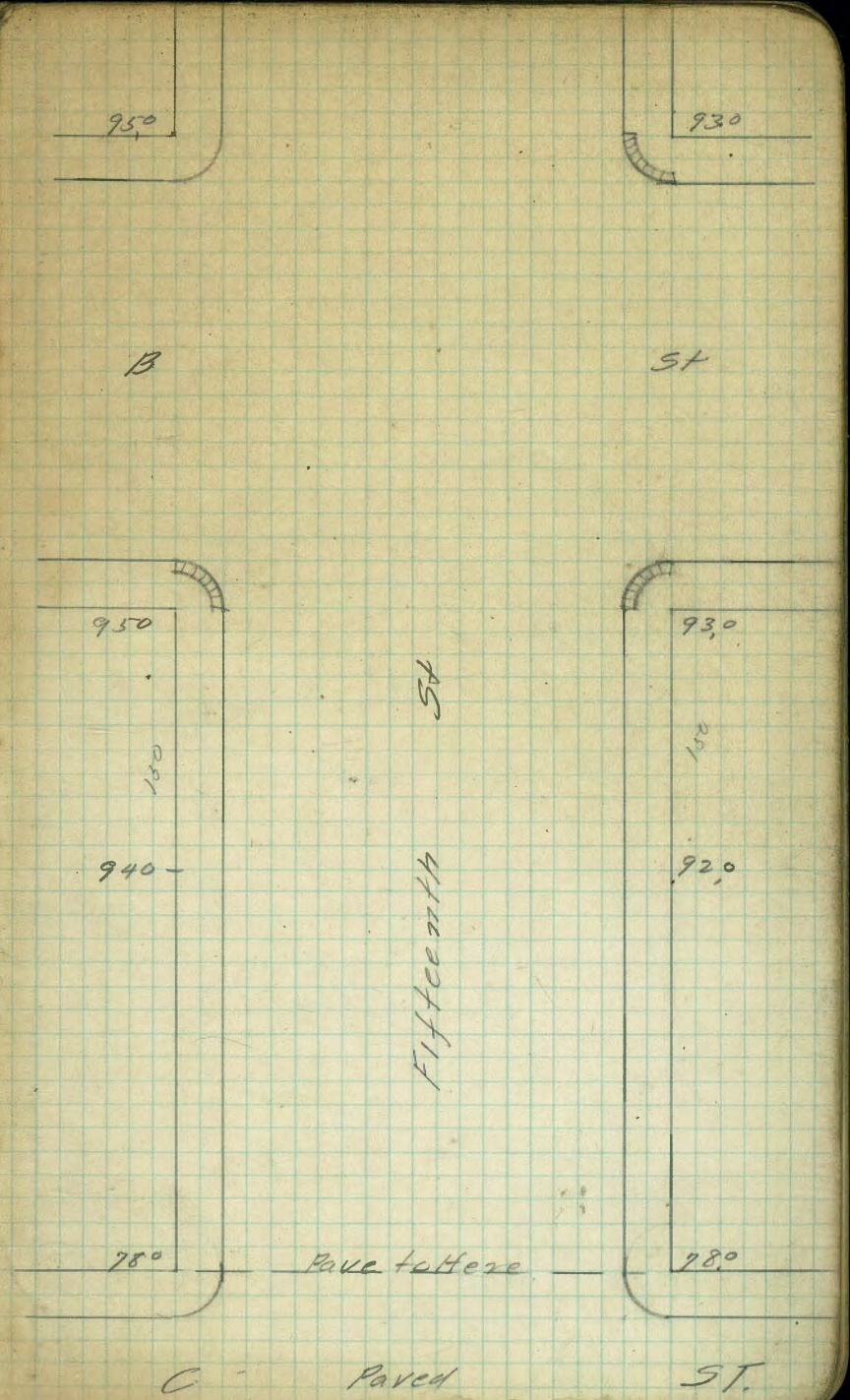
AVIAN BOOK
554

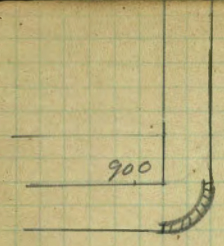
380
FIELD

F.B.554

MICROFILMED

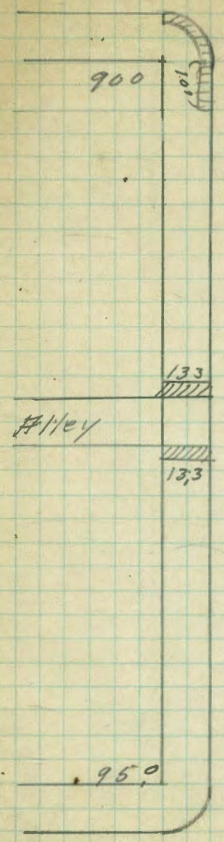
DEC 11 1964


95.0
93.0
B
St
95.0
93.0
100
100
94.0
92.0
St
Fifteenth
78.0
Pave to here
78.0
C
Paved
ST.



A

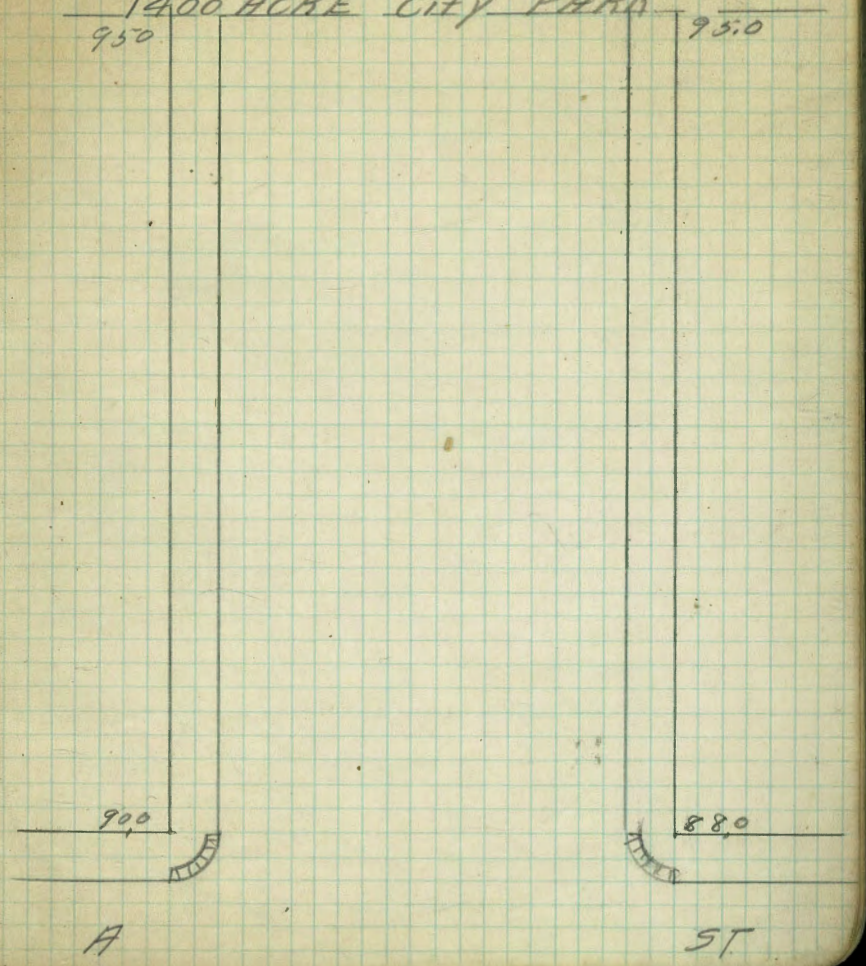
ST



B

ST.

1400 ACRE City PARK

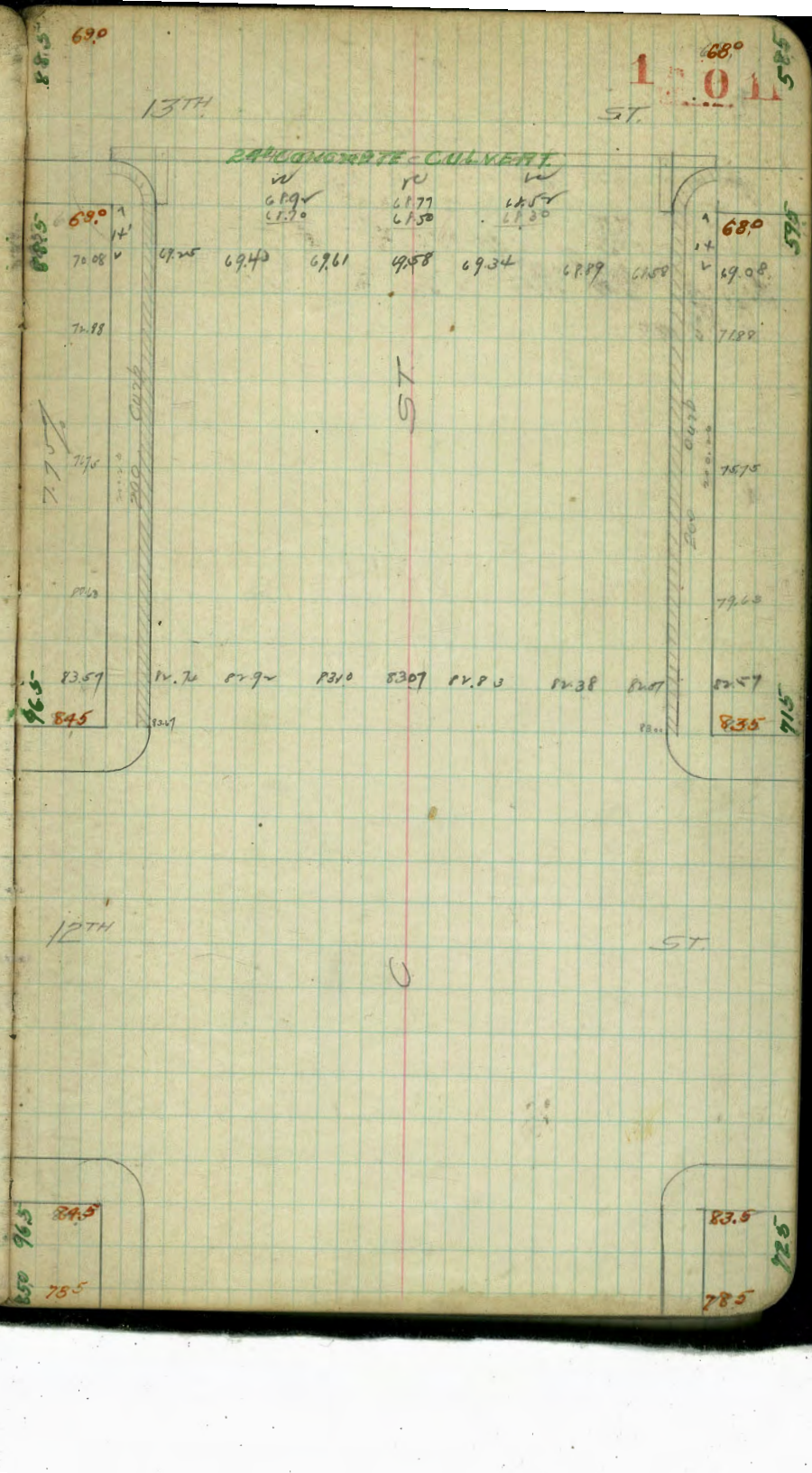


0

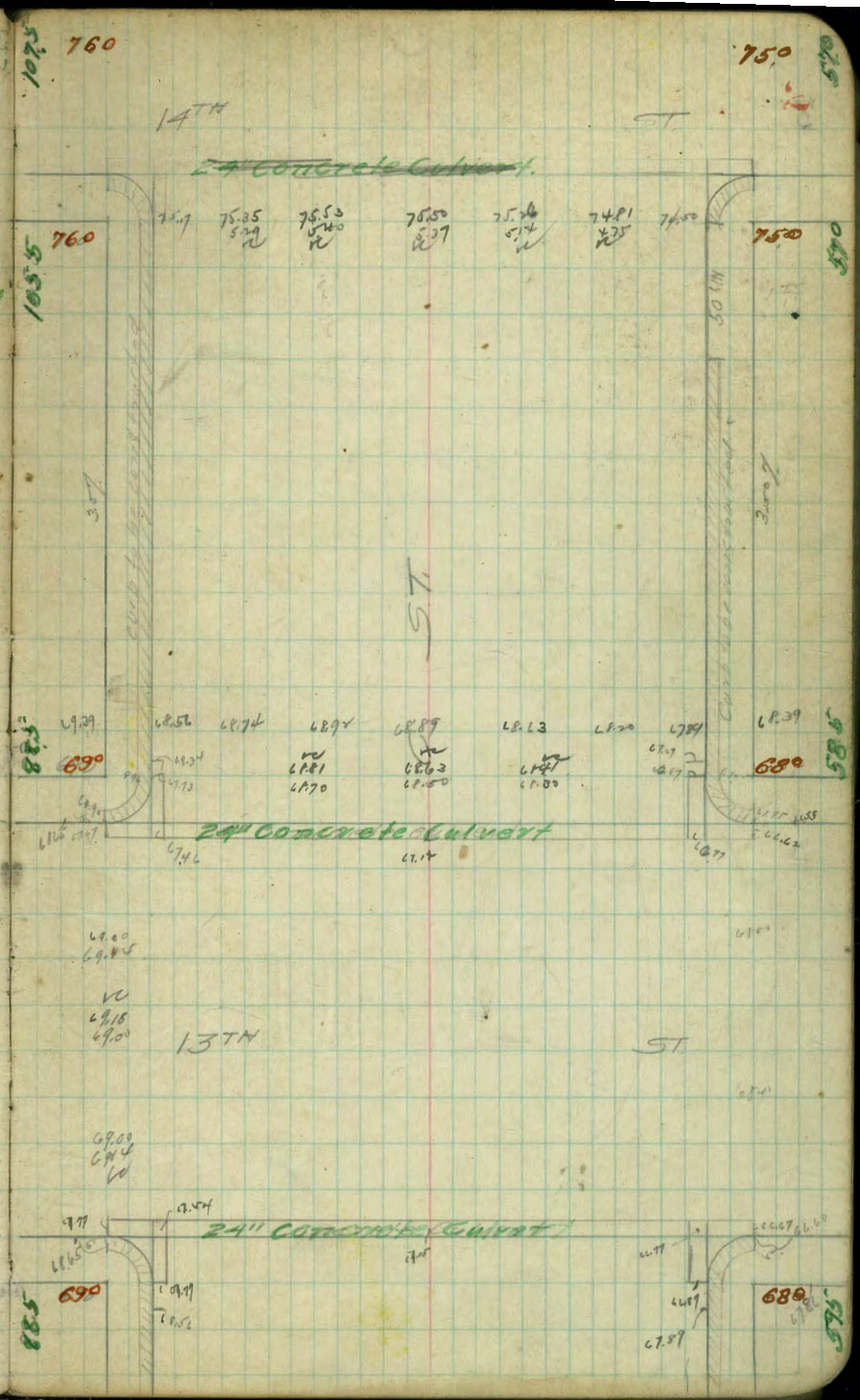
1

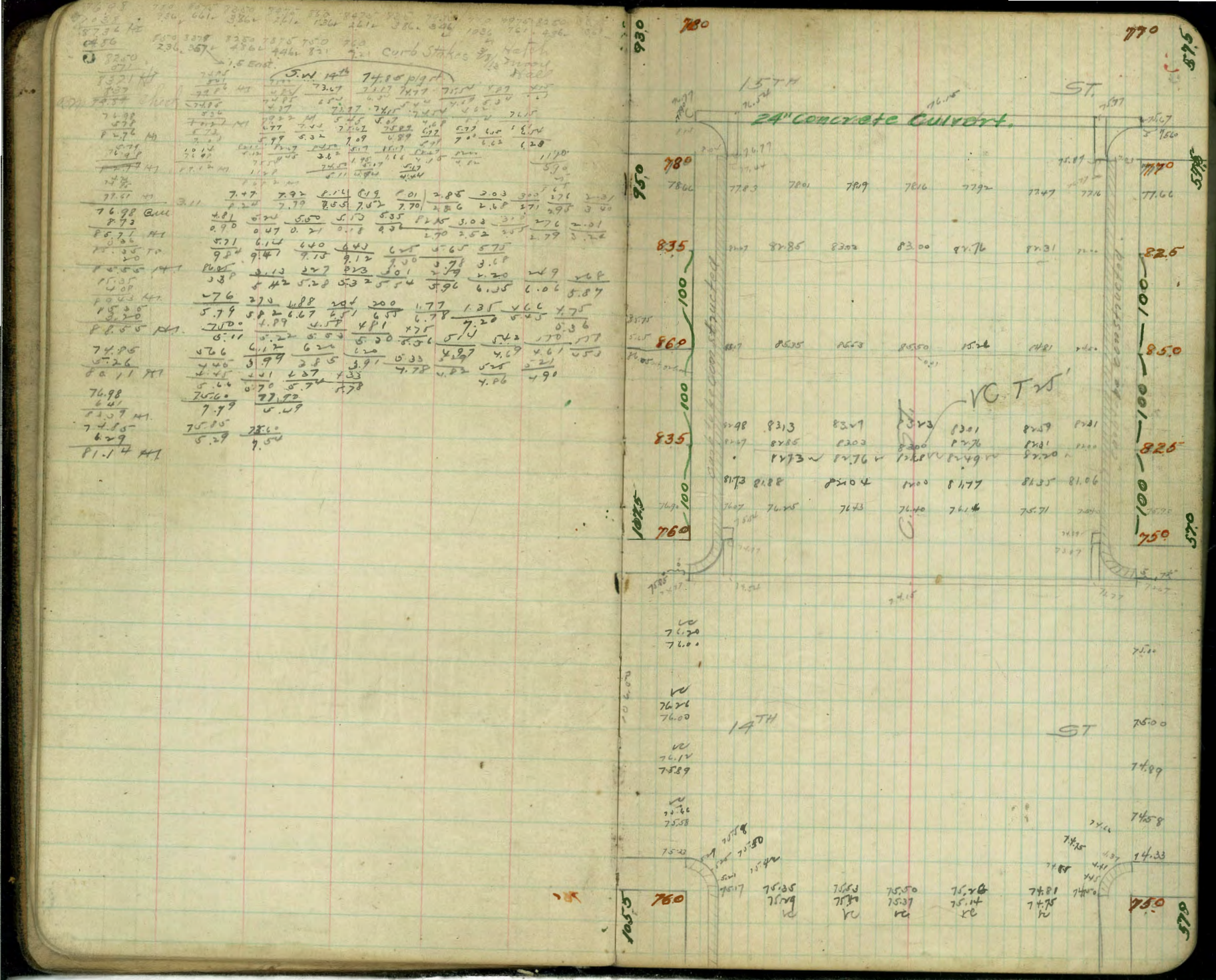
GRADES ON CST 12TH to 16TH STS.

MARCH 17TH 1913

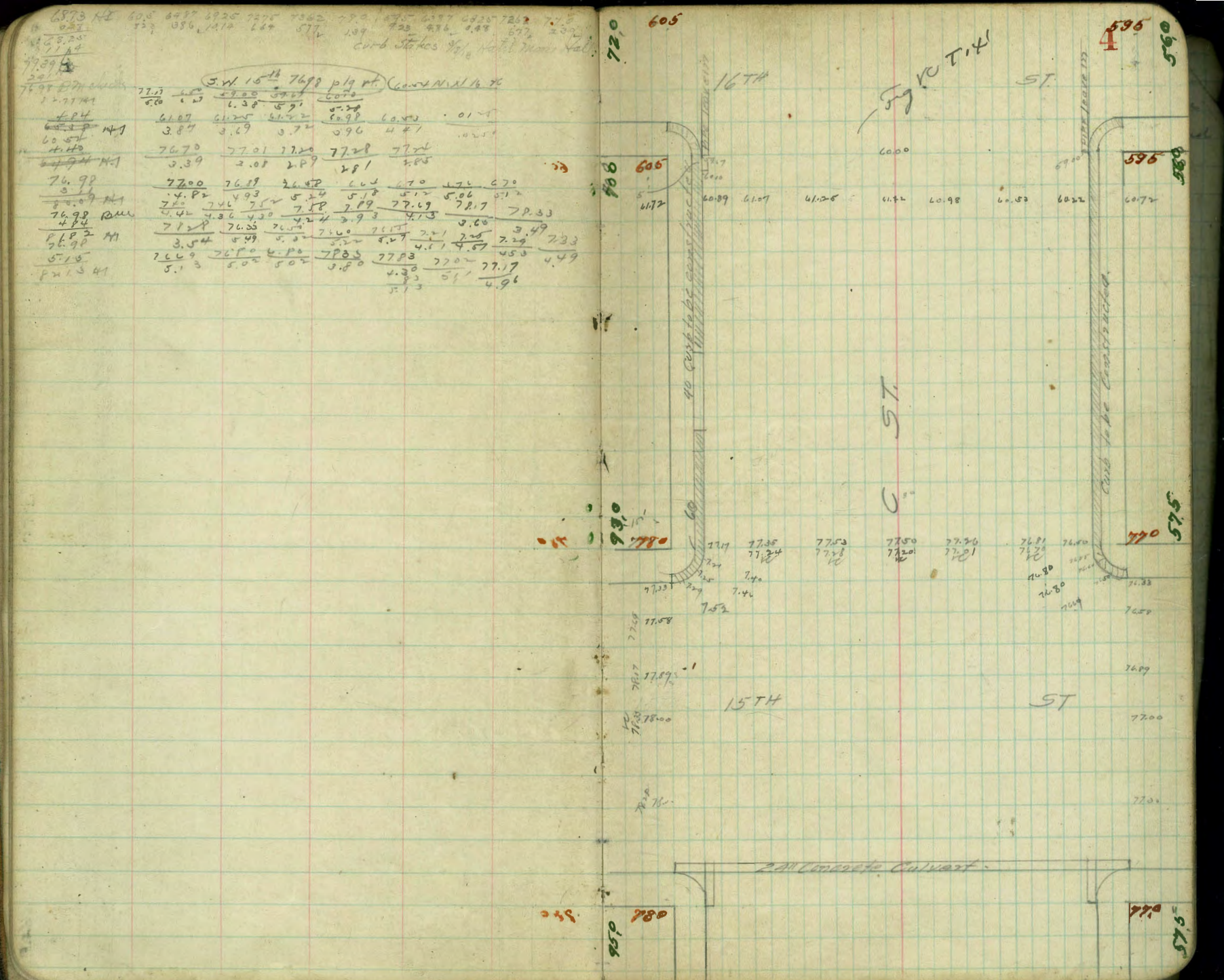


NW 13th 68.96 plgrt.





Curb Stakes
Hatch
Mood Hall
S.W. 14th
74.85 p/g rt.
15TH
ST.
24" Concrete Culvert.
VC T 25'
14TH
ST



Curb Stakes 9/8/18 Hotel Mann Hall
S.W. 15th 76.98 plg pt.
16TH ST.
15TH ST
C ST.
40 Curb to be constructed
Curb to be Constructed
2 Ft Concrete Culvert

17TH 6054 NW Cor 16th C. 605 8.23 595 9.23

8.19
68.73 Hi

60.54 Blue
4.28
64.82 Hi

60.50 4.32 | 10.39 4.43 | 60.08 4.74 | 60.02 4.80 | 59.96 4.86 | 59.90 4.92 | 59.85 4.97

60.03 4.79 | 60.00 4.82 | 59.76 5.06 | 59.31 5.51 | 59.25 5.57 | 59.19 5.63 | 59.13 5.69

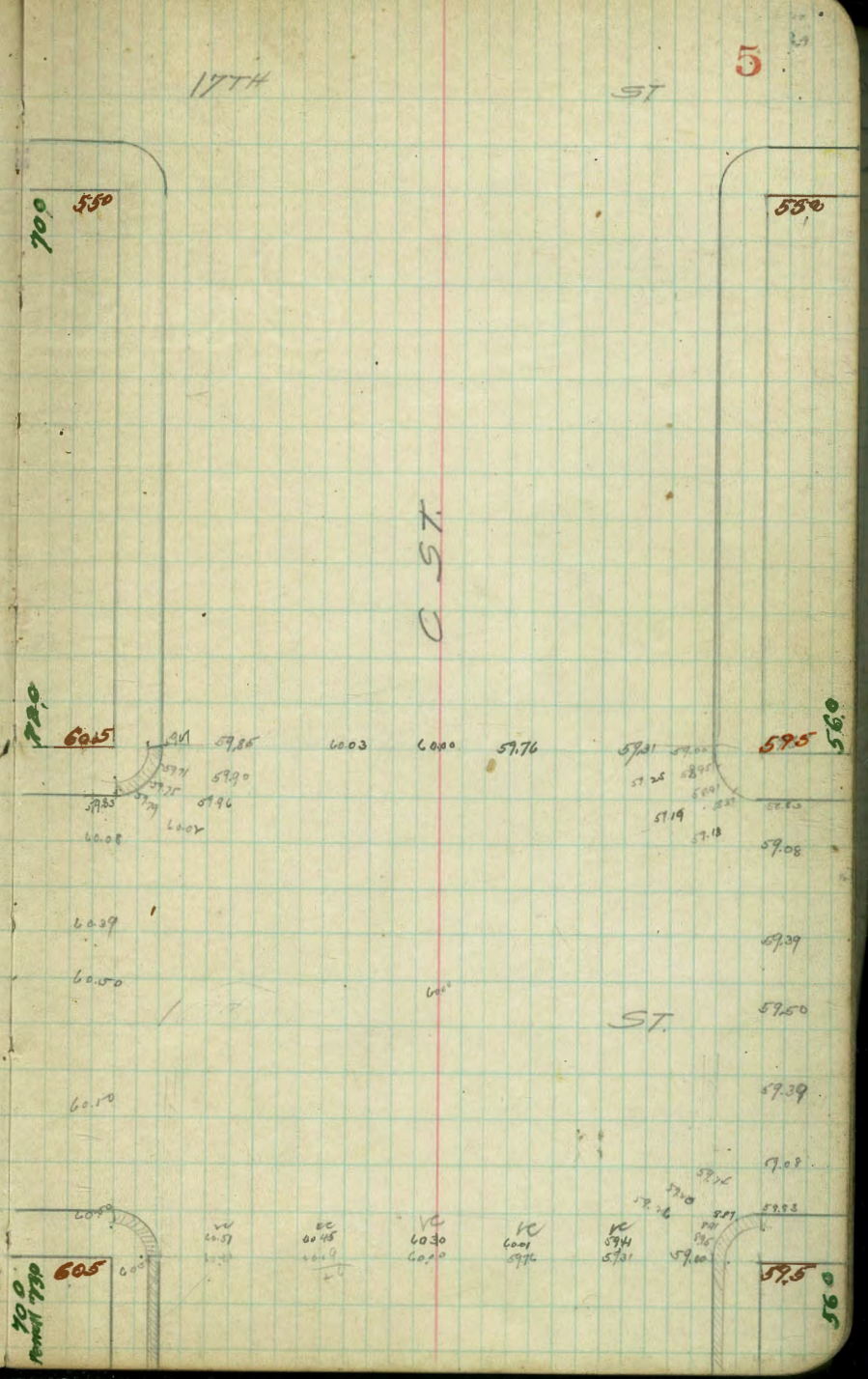
59.08 5.74 | 9.39 5.43 | 9.50 5.32 | 9.14 5.68 | 9.20 5.62 | 9.24 5.56 | 9.41 5.41 | 60.01 4.81 | 7.1 6.3

60.54
3.78
64.32 Hi

60.30 4.52 | 60.45 4.37 | 051 4.31 | 8.95 5.87 | 8.91 5.91 | 8.87 5.95 | 8.83 5.99 | 9.00 5.82

9.67 5.15 | 9.71 5.11 | 9.75 5.07 | 9.79 5.03 | 9.83 4.99 | 60.50 3.82 | 60.08 4.24 | 9.85 4.47 | 9.76 4.56 | 8.3 5.39

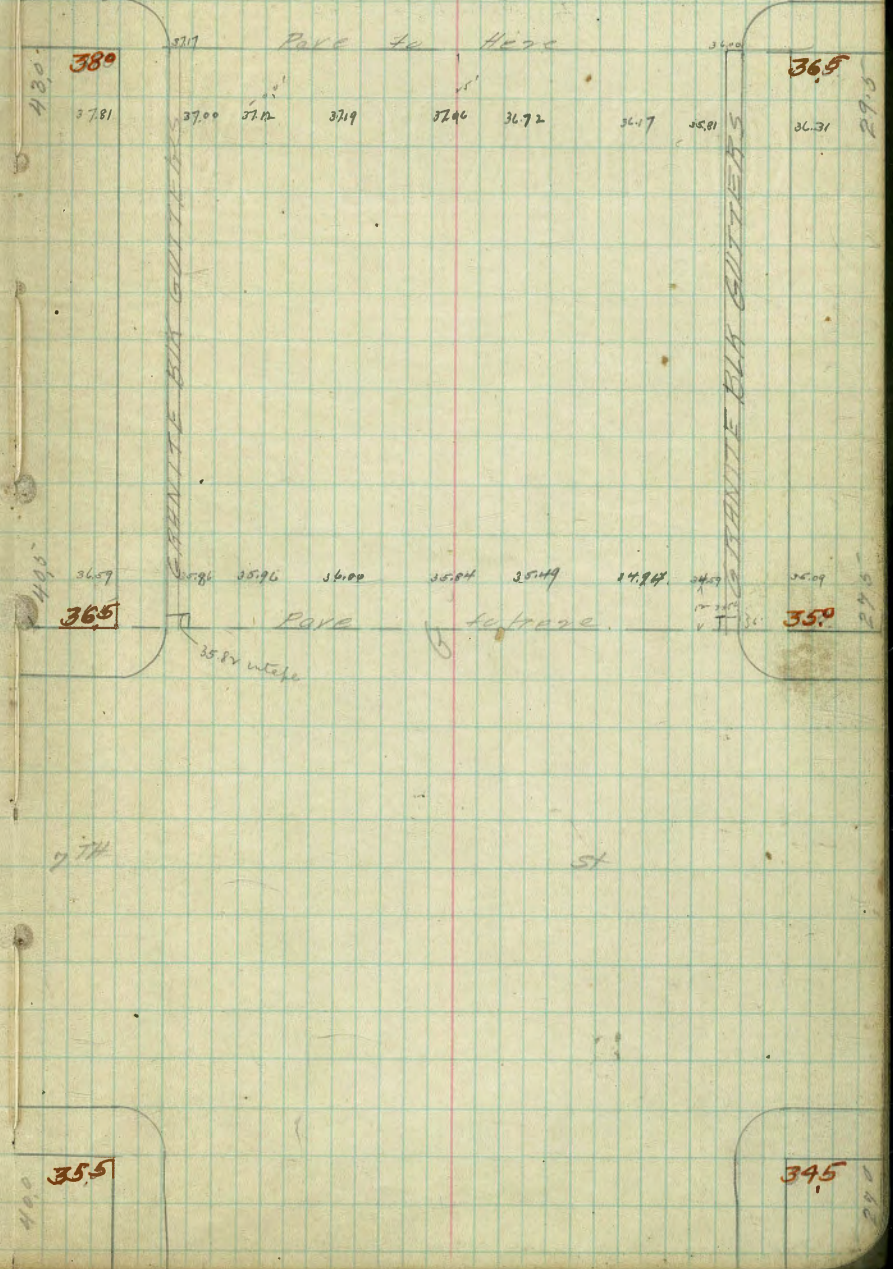
9.39
4.93
5.76



35.50 NW 7th plg 37.93 NW 8th plg

Paving of G St

35.50	35.76	5.20	35.86	34.59	37.93	37.00	35.81					
5.52	5.26	35.82	5.16	6.43	37.0	4.03	5.22					
41.02 H.I.					41.03 H.I.							
37.93 NW	37.12	37.19	7.08	6.72	6.17	35.50	5.96	6.00	5.84	5.49	4.94	
1.87	2.68	2.61	2.74	3.08	3.63	3.29	3.83	3.79	3.95	4.30	4.85	
39.80 H.I.						39.79 H.I.						



37.93 NW 8th pg.

37.93
6.16
44.09 H.T.
42.47
161
44.08 H.T.

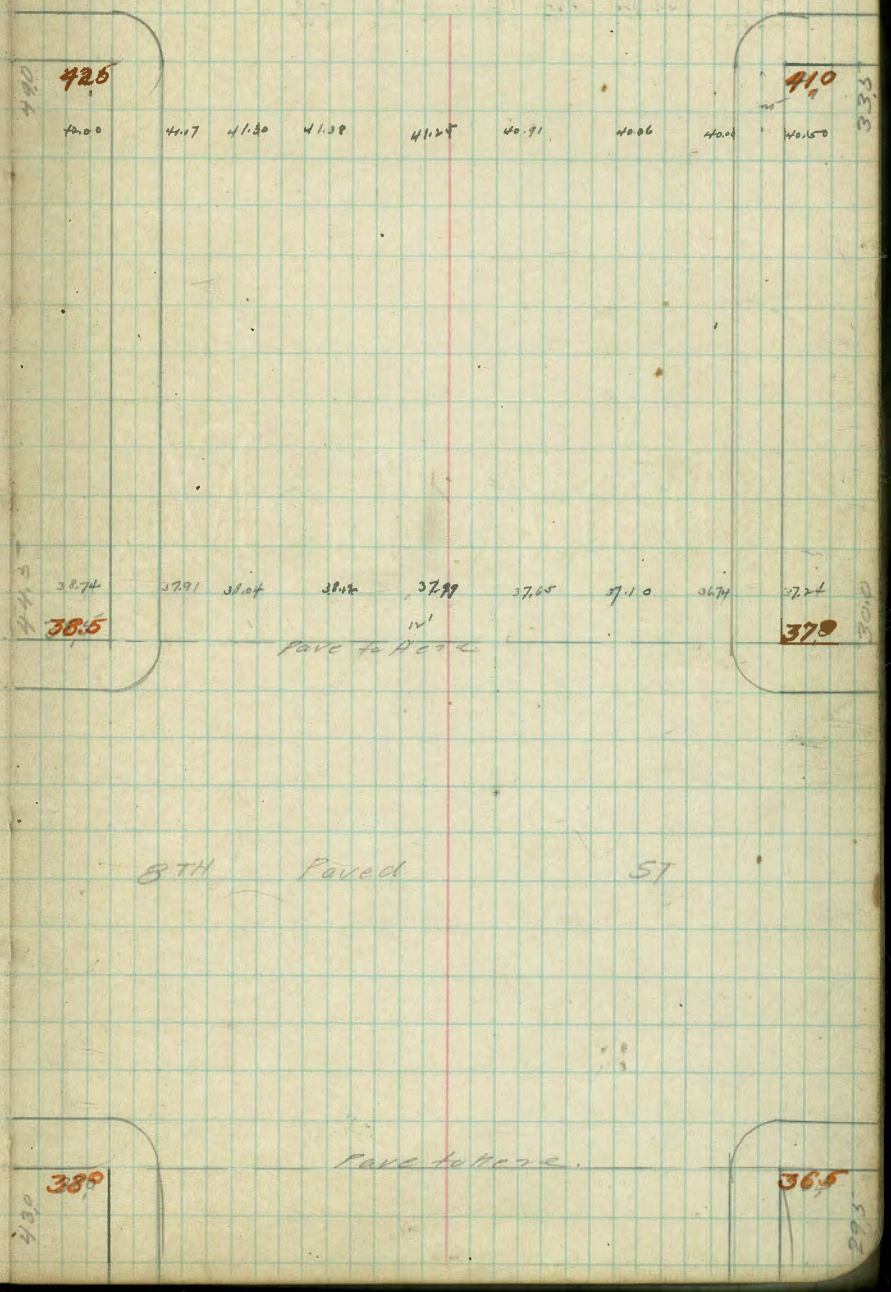
37.91 / 6.18 — 36.74 / 7.35

42.47 / 4.63 / 44.10 H.T.

41.17 / 2.93 — 40.00 / 4.10

40.36 / 3.72 — 40.91 / 3.17 — 41.25 / 2.83 — 41.38 / 2.70 — 41.30 / 2.78

44.09 H.T. — 8.04 / 6.03 — 8.12 / 5.95 — 7.99 / 6.08 — 7.65 / 6.42 — 7.10 / 6.97



42.47 NW 9th pg

42.47
7.15
49.62 N

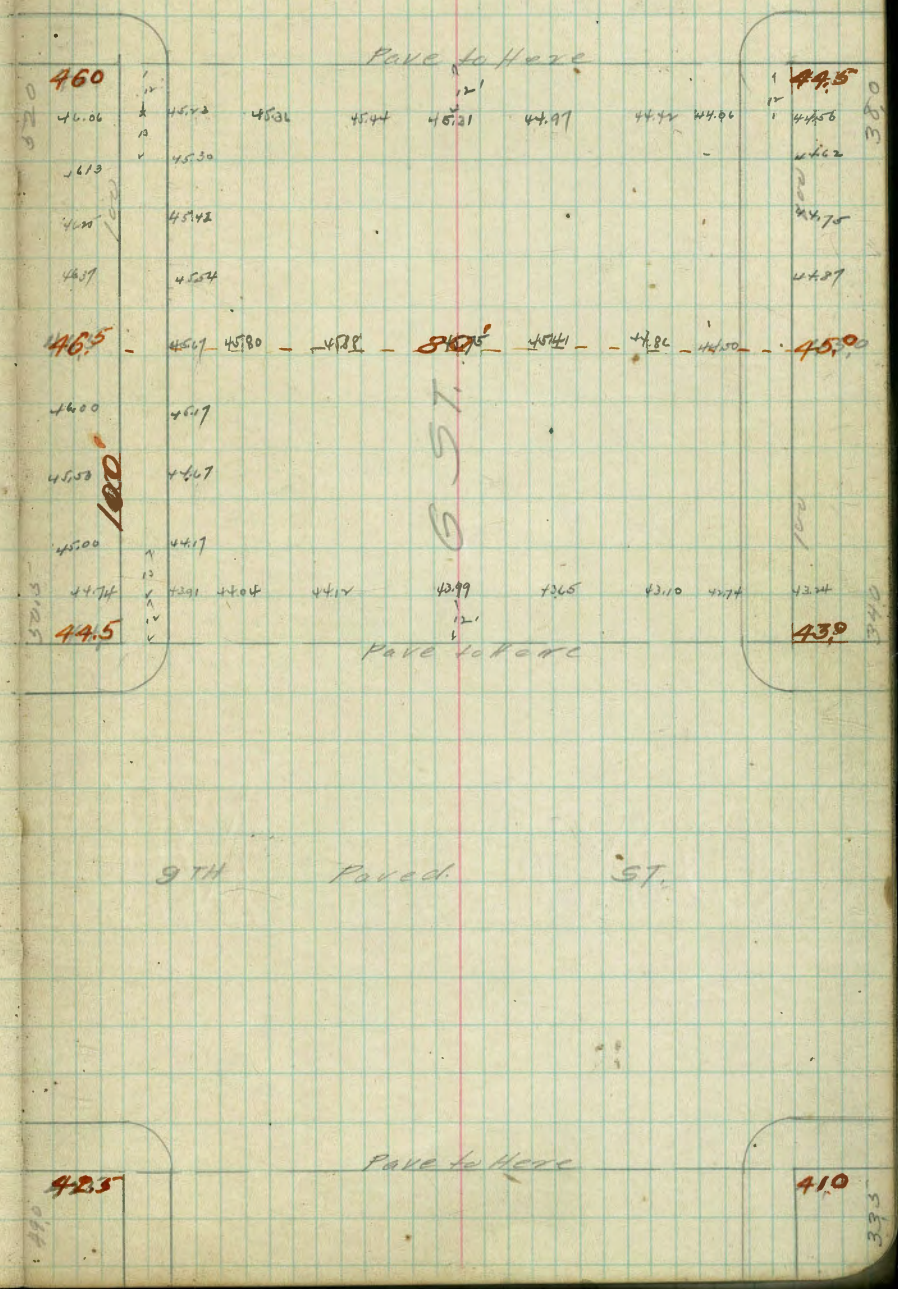
42.47
6.74
49.21 N.T.

42.74	43.91	44.17	44.67	45.17	45.67	45.54	45.42	45.30	45.23
6.88	5.71	5.45	4.95	4.45	3.95	4.08	4.20	4.32	4.39

44.06	44.50	44.04	4.12	3.99	3.65	3.10
5.56	5.12	5.17	5.09	5.22	5.56	6.11

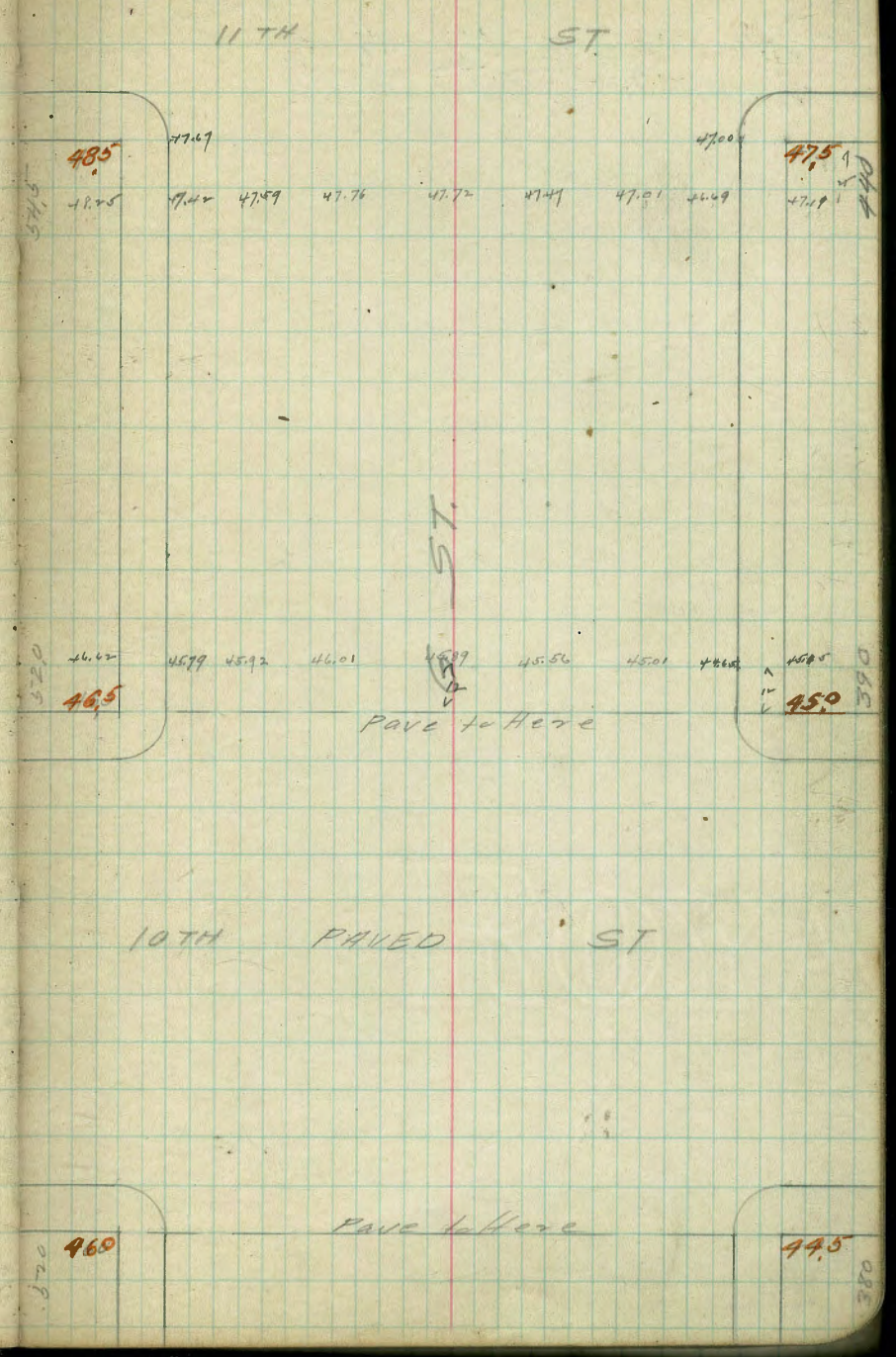
44.86	5.41	5.75	5.88	5.80
4.35	3.80	3.46	3.33	3.41

5.36	5.44	5.31	4.97	4.42
3.85	3.77	3.90	4.24	4.79



46.51 NE 10th pg.

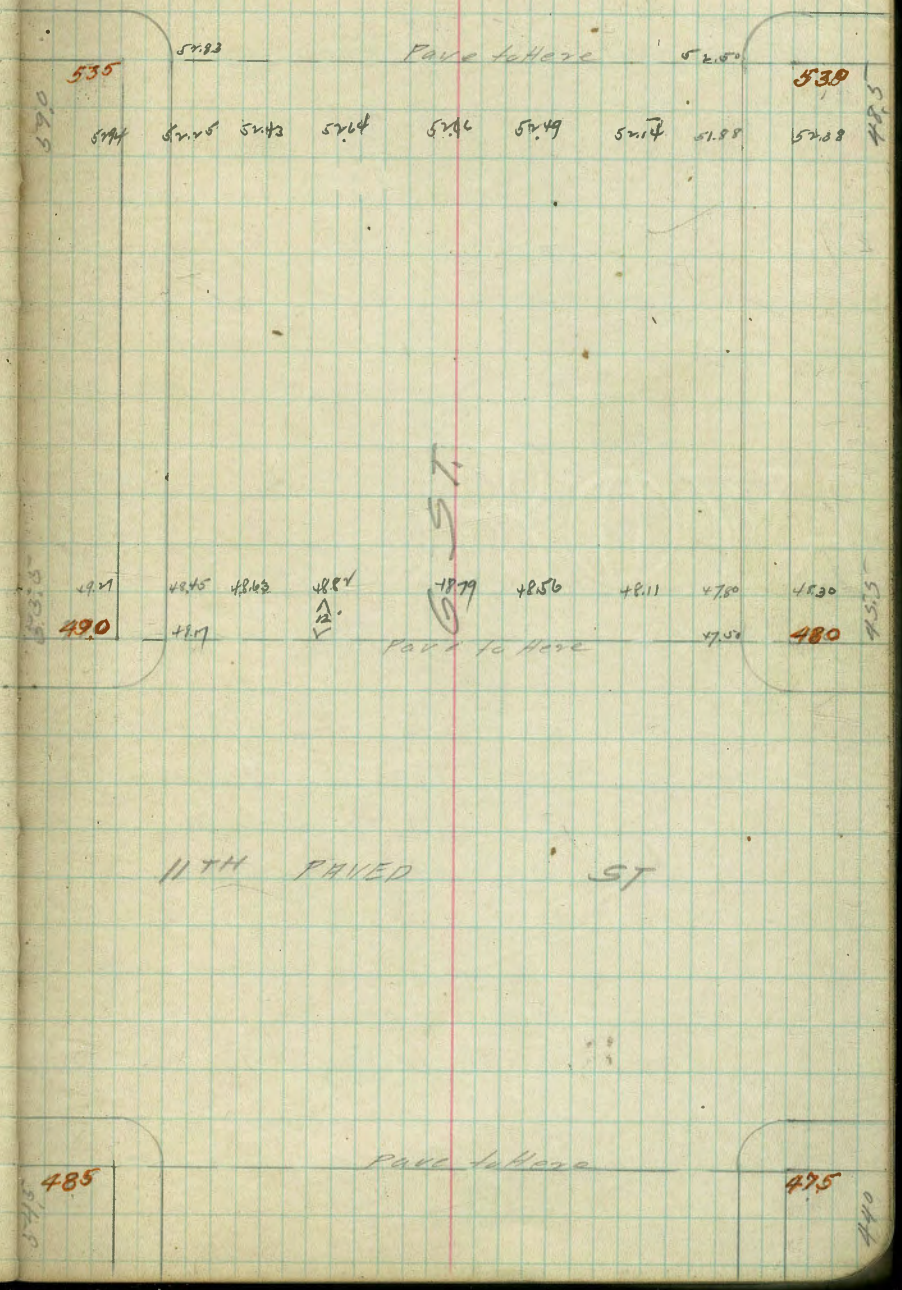
46.51 / 4.70 / 51.21 AT	45.87 / 5.34	45.79 / 5.42	45.65 / 5.56	41.69 / 9.52	47.82 / 3.39
46.51 / 3.59 / 50.10 AT	45.92 / 4.18	46.01 / 4.09 / 4.93	45.99 / 4.21	45.56 / 4.54	45.01 / 5.09
	47.59 / 2.51	47.76 / 2.34	47.72 / 2.38	47.47 / 2.63	47.01 / 3.09



48.41 NW 11th plg

48.44 Am
0.58
49.04 H1
53.48
31
53.79 H1

1.22 | 53.48 NW 11th
47.82 | 54.06 | H1 52.84 | 1.22 | 1.53 | 2.53 | 52.25 | 51.88 | 47.80
| 5.87 | 8.45
| 8.19 | 5.61
| 52.43 | 2.64 | 2.66 | 2.49 | 2.14
| 1.36 | 1.15 | 1.13 | 1.30 | 1.65
| 8.11 | 8.56 | 8.79 | 8.82 | 8.63
| 5.68 | 5.23 | 5.00 | 4.97 | 5.16



53.48 NW 12th pg

52.49 NW 13th	53.0	4.92	52.46	52.71	52.42	51.83	56.56
53.1	2.50	52.88	53.4	5.09	5.38	5.97	51.83
57.80							4.73

52.49 BM	52.08	52.39	52.50			
3.97	4.38	4.07	3.96			
56.46	52.67	53.00	53.16	53.12	52.90	
	3.79	3.46	0.30	3.34	3.56	

13TH ST

52.5	51.83	52.08	52.39	52.50	52.39	52.08	51.83	52.5
53.38	52.71	52.90	53.12	53.16	53.00	52.67	52.42	52.94
53.5	52.83						52.50	53.0

Pave to Here

12TH Paved ST

53.5	Pave to Here	53.0

52.49 NW 13th plg

5.31
~~57.80~~ 14
52.49
2.75
55.24 14

51.33 4.07
6.47 56.56 14

51.33 45.36
5.23

51.58 51.89 52.00
3.66 3.35 3.44

45.98
4.59
50.57 14

45.58 45.89 46.00 2.01 2.05 2.03 1.93 1.75
4.99 4.68 4.57 4.56 4.52 4.54 4.64 4.82

1.58 51.89 52.00 52.05 2.39 2.50 2.08
4.99 4.68 4.57 4.52 4.18 4.07 4.49

52.49 Bus
4.08
56.57 14

1.79 1.83 1.79 1.83 1.50 1.47 1.42 1.37 1.83
4.78 4.74 5.07 5.10 5.15 5.20 4.74

1.37 1.41 1.45 1.55 1.07 1.71 1.75 1.79
5.20 5.16 5.12 5.07 4.90 4.86 4.82 4.78

14TH ST.

460 45.33 45.58 45.89 46.00 45.89 45.58 46.00 468

490 470

6 ST

520 51.33 51.58 51.89 52.00 51.89 51.58 51.33 520

51.07 51.42 51.50 51.47 51.42 51.62 51.37 51.41 51.50 51.67 51.72

51.75 51.76

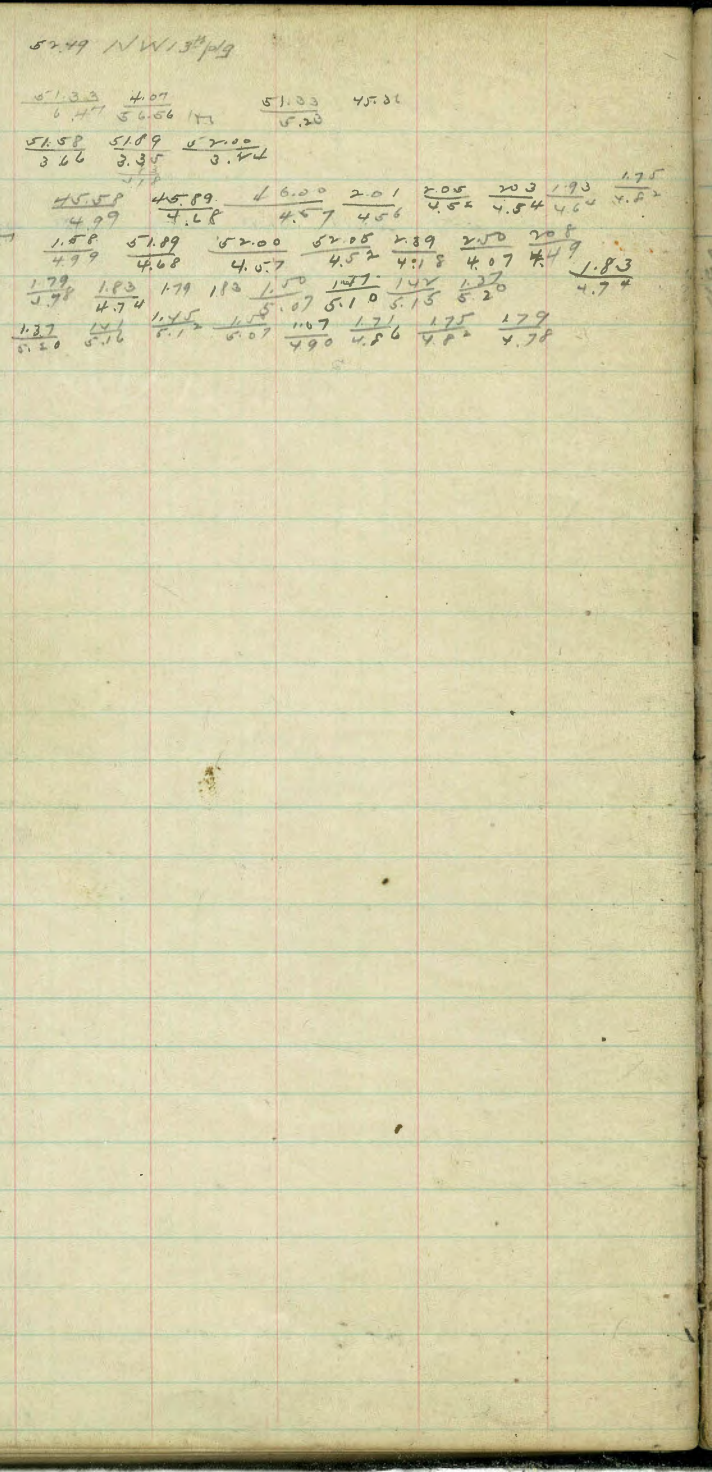
51.93 52.11

3TH ST

52.03 52.25

52.05 52.18

52.01 51.90

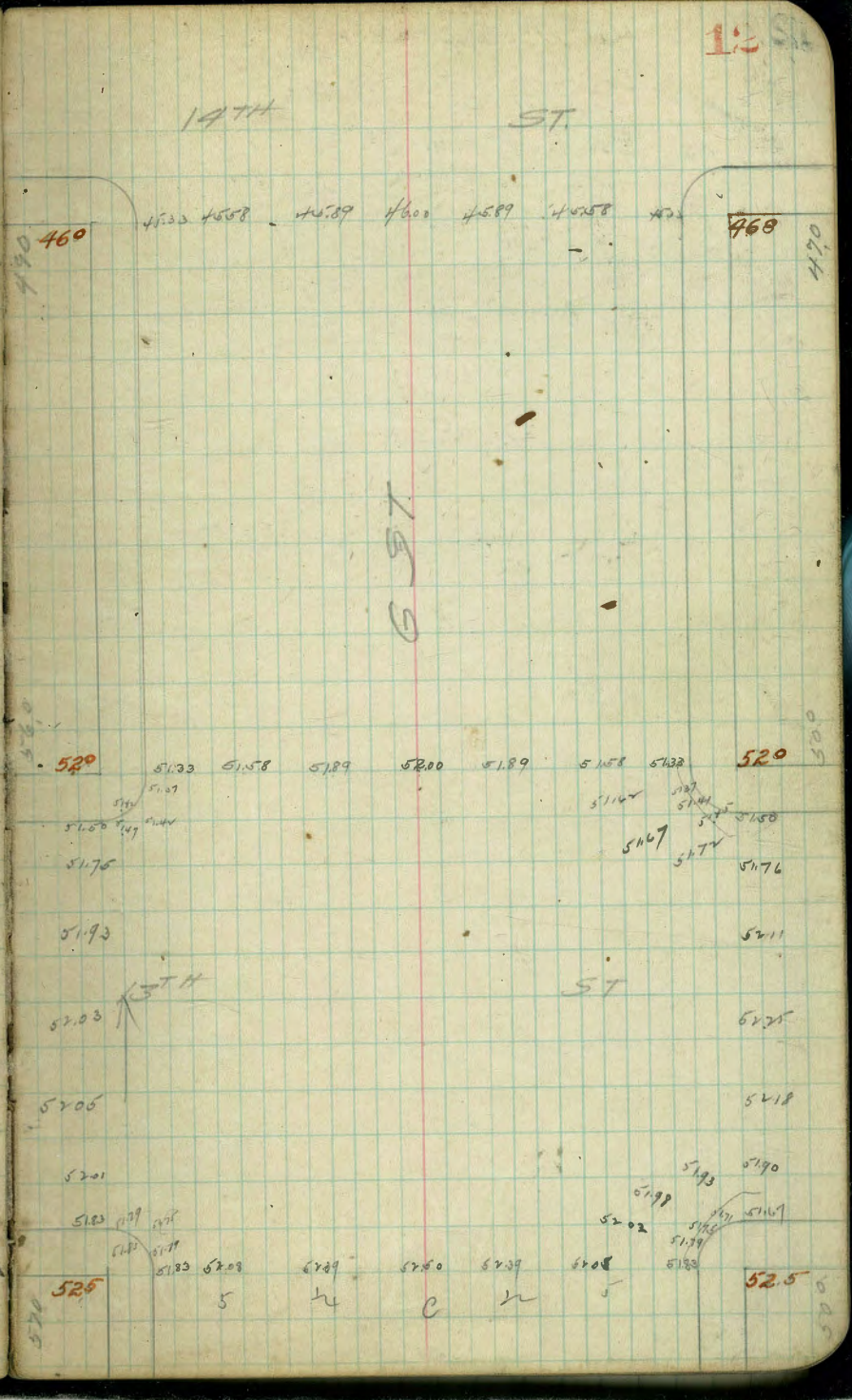


51.83 51.79 51.75 51.83 51.79 51.93 51.98 52.02 51.75 51.79 51.67

51.83 52.08 52.39 52.50 52.39 52.08 51.83

525 5 4 C 4 5 52.5

570 500



45.98 NW 14th pla

45.98
3.17
49.15 H1

35.56
4.40
39.96 H1

45.98
2.84
48.82 H1

45.98 Bm
2.55
48.53 H1

3.13

45.36 / 3.79 — 42.14 / 7.01 — 33.85 / 6.11 — 34.68 / 5.28

4.75 / 5.21 — 4.83 / 5.13 — 4.92 / 5.04 — 5.00 / 4.96 — 5.08 / 4.88 — 5.16 / 4.80 — 5.25 / 4.71 — 5.33 / 4.63 — 4.83 / 5.13

34.90 / 5.06 — 35.09 / 4.87 — 35.05 / 4.91 — 34.77 / 5.19 — 34.23 / 5.73

35.13 / 4.83 — 5.54 / 4.42 — 5.75 / 4.21 — 5.74 / 4.22 — 5.53 / 4.43 — 42.50 / 6.03 — 42.45 / 6.08 — 2.35 / 6.78

42.17 / 6.65 — 42.47 / 6.35 — 42.87 / 5.95 — 43.00 / 5.82 — 2.24 / 6.29 — 2.17 / 6.36

5.17 / 3.36 — 5.19 / 3.34 — 5.06 / 3.47 — 5.33 / 3.20 — 5.06 / 3.47 — 5.17 / 3.36

5.15 / 3.38 — 4.61 / 3.92 — 4.08 / 4.45 — 3.55 / 4.98 — 3.01 / 5.52 — 2.33 / 6.20 — 2.76 / 5.77 — 3.33 / 5.20 — 3.52 / 5.01

3.01 / 5.52 — 3.58 / 4.95 — 4.13 / 4.40 — 4.65 / 3.88 — 5.15 / 3.38 — 5.58 / 2.95 — 5.89 / 2.64 — 6.00 / 2.53

15TH ST

Tip intake to carry water from north

355 — 34.90 — 35.09 — 35.05 — 34.77 — 34.23 — 34.5 — 34.56

360 — 35.33 — 35.53 — 35.74 — 80' — 35.54 — 35.13 — 34.83 — 35.5

G ST

200

430 — 42.17 — 42.47 — 42.87 — 43.00 — 42.87 — 42.47 — 42.17 — 430

42.50 — 42.33 — 42.76 — 43.33 — 43.52 — 43.33 — 42.76 — 42.33 — 42.50

43.01 — 43.01

Break

43.58 — 43.55

44.13 — 43.51 14TH ST — 43.51 — 44.08

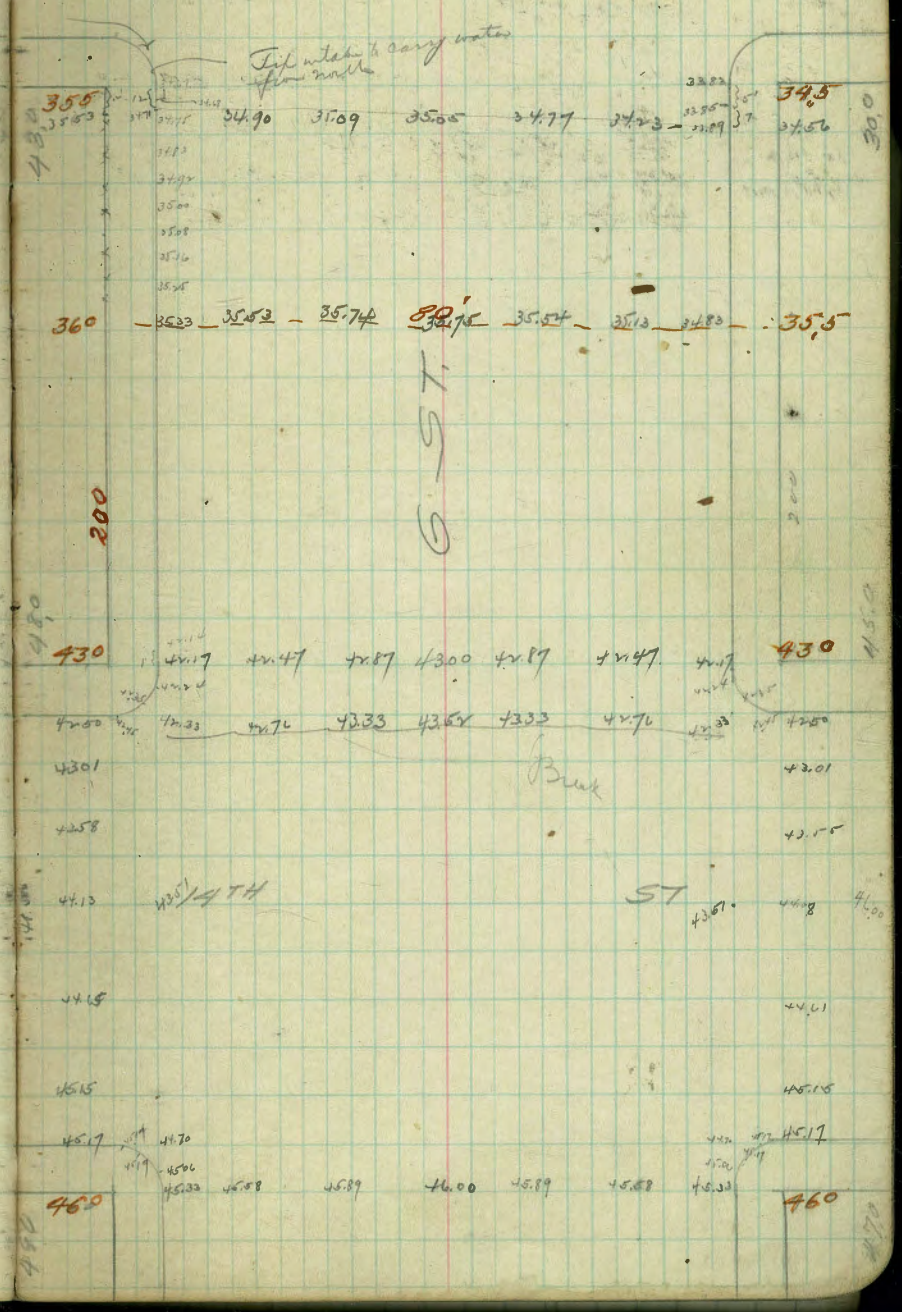
44.65 — 44.61

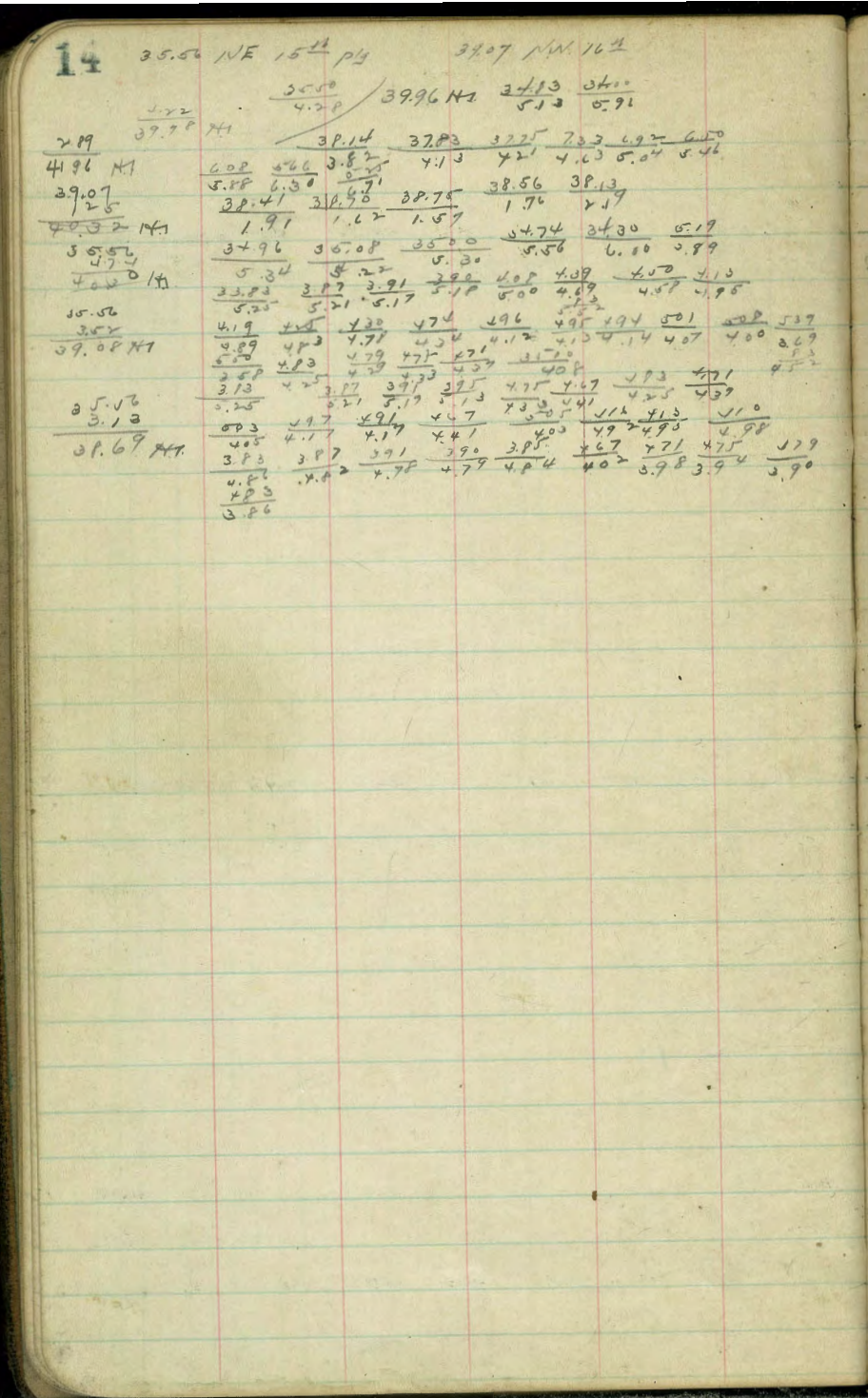
45.15 — 45.15

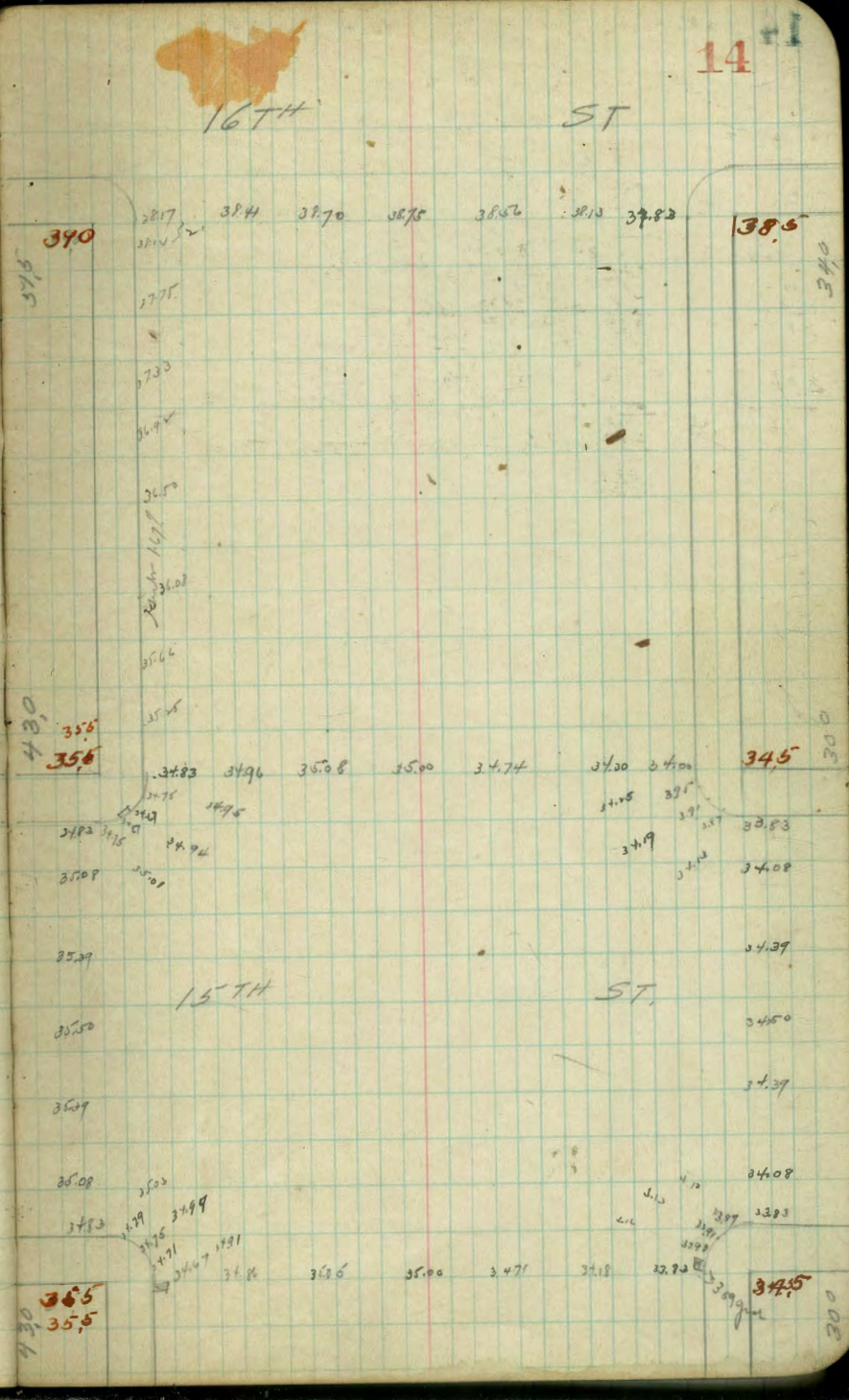
45.17 — 44.70 — 45.06 — 45.17

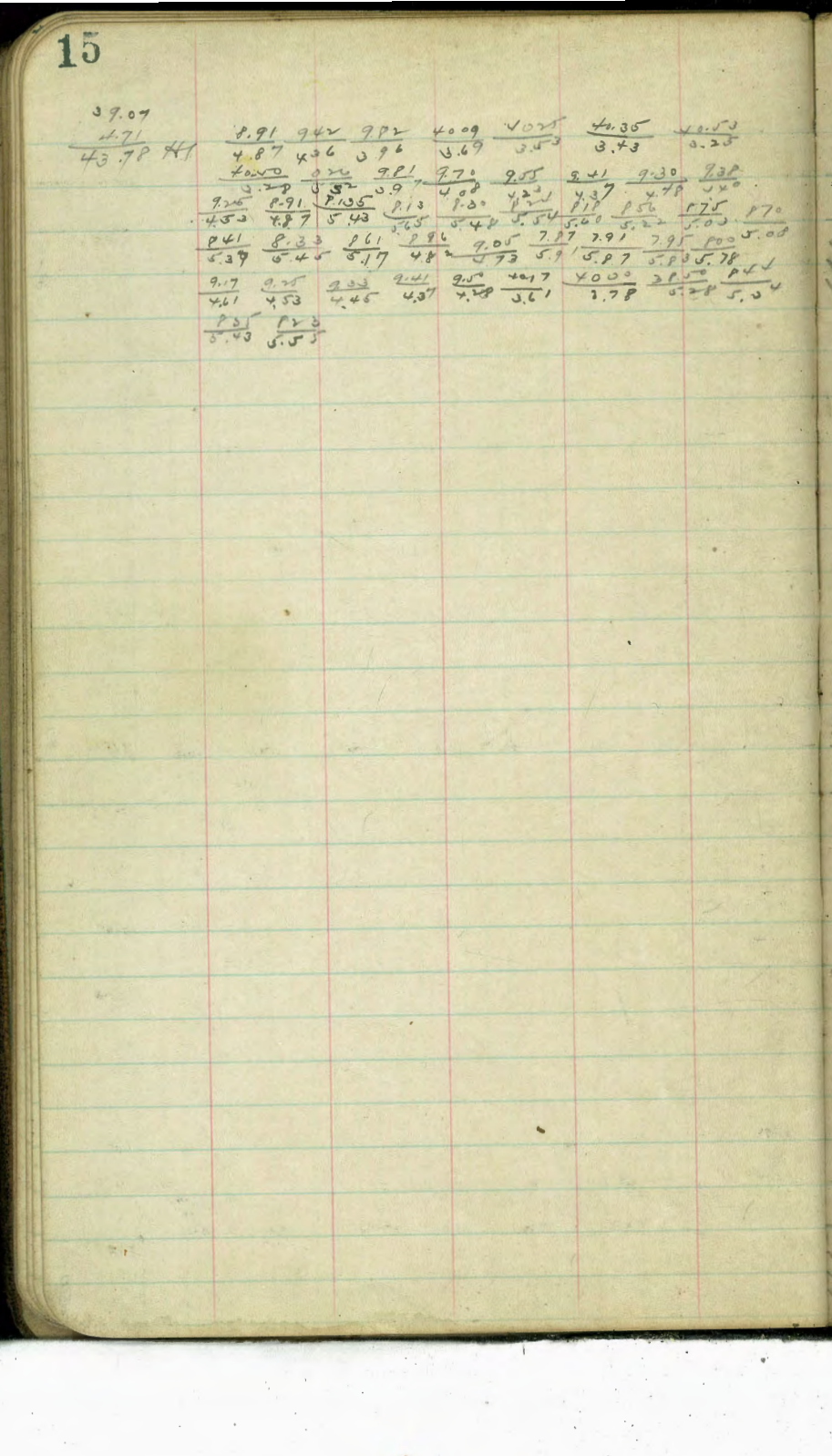
45.33 — 45.58 — 45.89 — 46.00 — 45.89 — 45.58 — 45.33

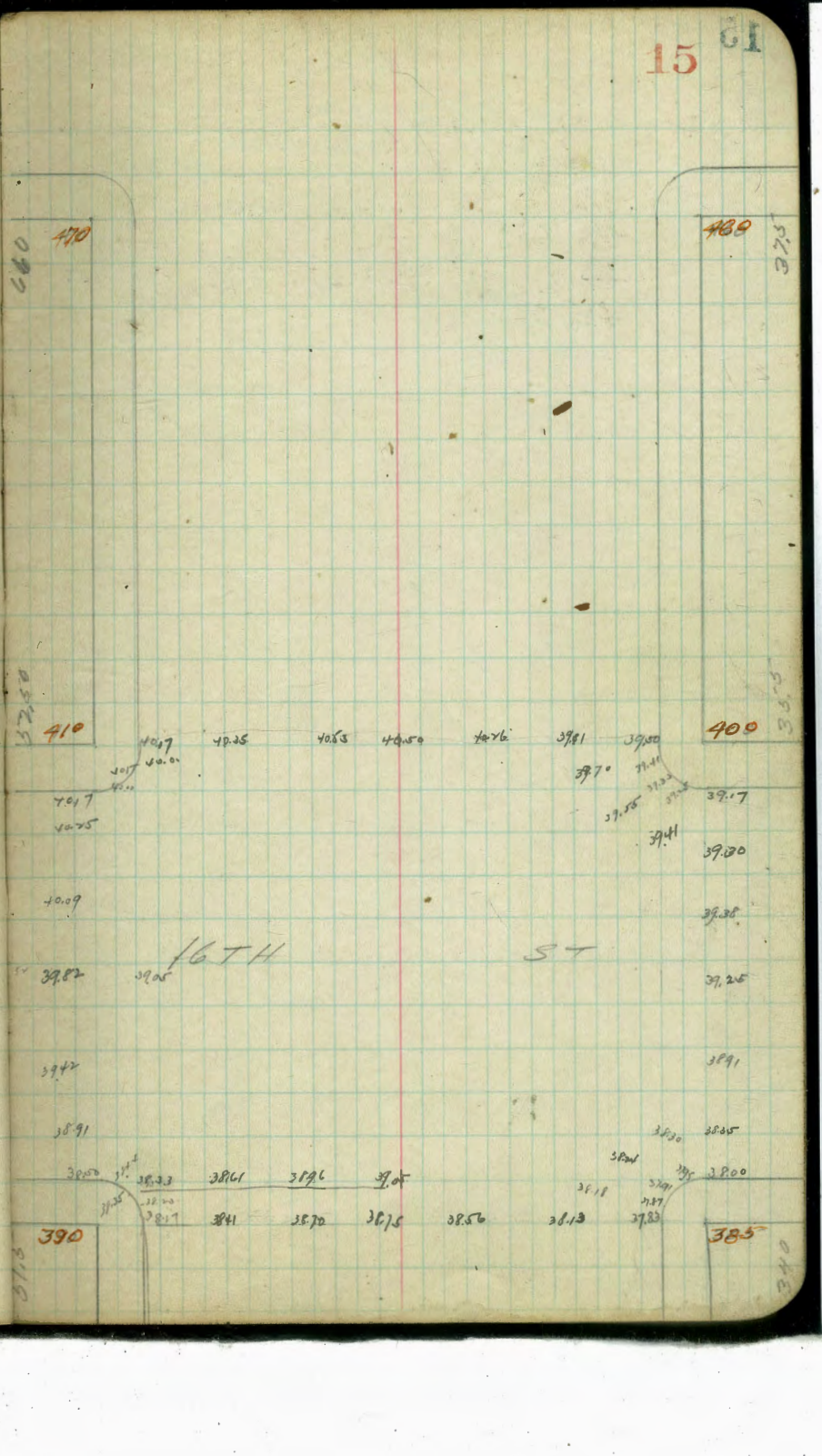
460 — 460






16TH ST
15TH ST




470
480
410
400
390
385
16TH
ST

16 SW 17 & D 63.548 NW G 47.06 NW 11 & F 51.45

NW 15 & F 42.84 SW 58.54 - 18th & F

69.874

93.62 BM top Cement Post

58.54 BM
10.62
69.16 HI
.27
68.89 TP
12.33
81.22 HI
2.11
79.11 TP
98.40 HI
93.62
2.36
95.98 HI
93.62
4.51
98.13 HI
96.30
6.14
[illegible] HI
93.62
1.77
95.39 HI

69.87
10.62
80.49 HI
.27
80.22 TP
12.33
92.55 HI
2.11
90.44 TP
3.96
98.40 HI
90.37
5.61
96.55
4.86
101.41 HI
97.50 / 3.92
97.12 / 4.28
96.22 / 5.22
95.97 / 5.47
96.05 / 5.07
96.55 / 4.89
97.75 / 3.69
90.86 / 4.53
91.24 / 4.15
91.11 / 4.28

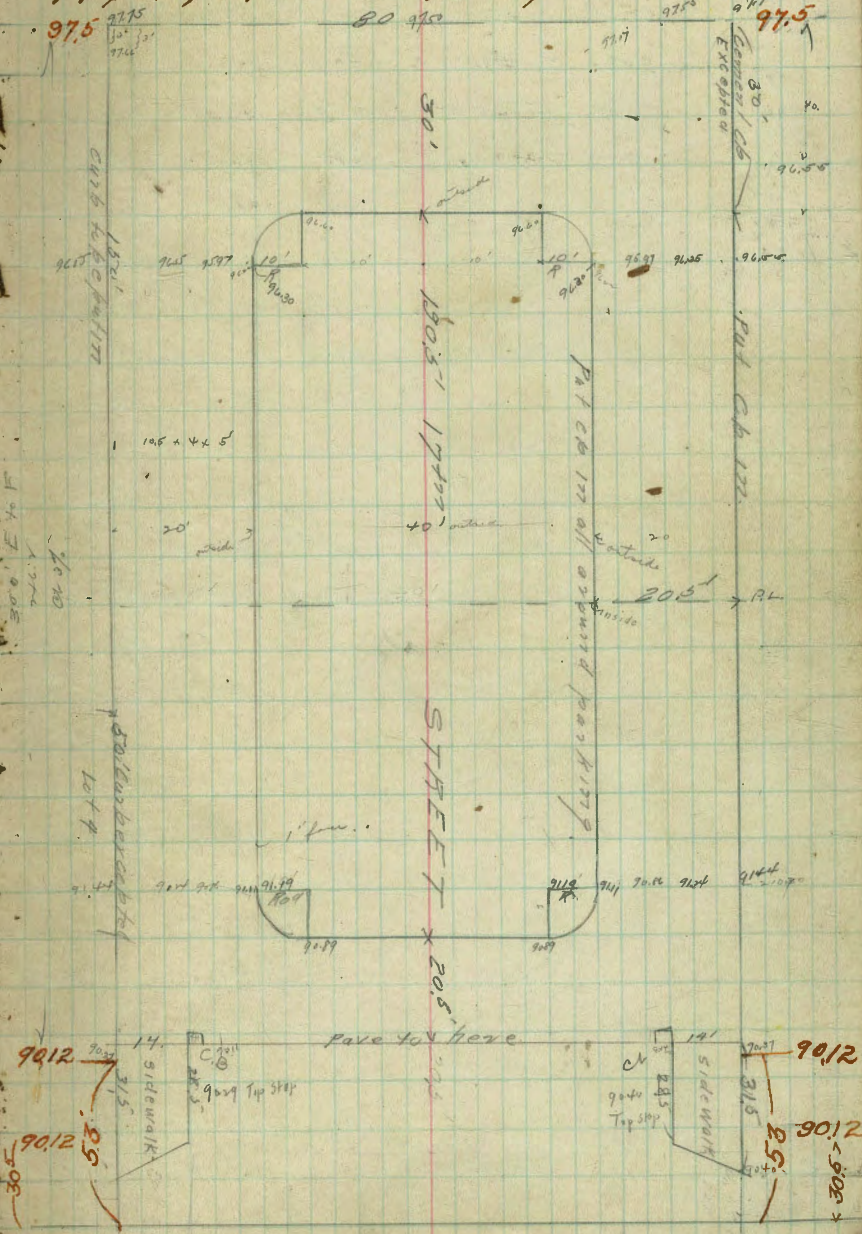
8.00
90.40
4.78
93.62
8.26
90.14
91.19 / 7.21
97.66
3.76
101.42 HI
93.72
[illegible]

8.29 / 90.11
8.11 / 90.29
96.55 / 1.85
1.06 / 97.34
97.66 / 0.74
96.30 / 2.10
96.60 / 1.80
90.37 / 8.03
90.40 / 8.00
90.89 / 7.5
96.30 / 5.12
96.60 / .81
96.61 / 4.81
95.97 / 2.16
90.86 / 4.46
96.05 / 1.78
91.24 / 4.08
96.22 / 1.91
91.20 / 0.89
91.1
90.86 / 7.27

16 975

E ST.

These Grades are Curb Grades
Property Grades are .25' higher



F ST

Benches 25th & D to 30th St Bridge - These benches do not check with Wheelers BMs.

+	HI	−	Elev		
6.035	193.035		187.00	S.W 25 & D	Plug in return
7.580	198.525	2.09	190.945	" " & C	" " "
7.925	204.815	1.635	196.890	N.W " & B	" " "
0.20	204.230	0.785	204.030	Nail in Mo	curb on "B" St 20' E of break in grade
5.01	201.895	7.345	196.885	S.W. 26 & B	Plg in curb
1.78	200.57	3.105	198.790	Top Hydt	300' E of 26th on So Side "B".
3.96	200.92	3.61	196.96	N.W 27 & B	Plg in Curb
4.91	202.335	3.495	197.425	C Tack in Curb	on line with E line of house E of Feed Store on "B" St bet 27th & 28th
		5.415	196.920	S.E 28th & B	Plug in curb
9.70	211.765	0.27	202.065		
		4.84	206.925	N.W 28th & A	Plug in Curb.
7.105	218.015	0.855	210.910		
		4.570	213.445	NE 28 & Ash	Plug in Curb
0.75	217.155	1.610	216.405	NE 28 & Beech	Plug in Curb
1.63	210.065	8.720	208.435	N.W Granada	& Beech Plug in Curb
9.26	215.760	3.565	206.500	NE 29th & Beech	Plug in Curb.
8.145	222.625	1.280	214.48	NE Dale &	Beech Plug in Curb.
6.00	227.465	1.160	221.465	NW 30th & Beech	Plug in Curb
5.005	228.990	3.480	223.985	S.E 30th & Cedar	Plug in Curb
12.885	241.685	0.19	228.800		
		4.68	237.005	S.W 30th & Date	Plug in Curb.
12.470	253.765	0.39	241.295		
6.48	260.015	0.23	253.535		
		2.910	257.105	SE 30 & Elm	Mon.
10.245	270.230	0.03	259.985		
		3.25	266.980	SW 30th & Fir	Plug in Curb.

add 0.05

+	H1 27023	−	Elev		
8.05	276.73	1.55	268.68		
6.28	281.15	1.86	274.87	S.W Cor	30th & Grape Plug in Curb.
6.165	286.015	1.30	279.85	S.W Cor	30th & Hawthn " " "
5.705	289.595	2.125	283.890	S.W Cor	30th & Ivy " " "
5.990	292.880	2.705	286.890		
		4.025	288.855	S.W. Cor	30th & Juniper " " South
7.205	292.085	8.00	284.880	N.W. Cor	30th " Juniper North.
4.705	293.670	3.12	288.965		
		4.14	289.530	S.E. Cor	30th & Kalmia Plug in Curb.
2.675	292.135	4.21	289.460		
		3.64	288.495	S.E Cor	30th & Laurel " " "
2.035	284.395	9.775	282.360		
		4.49	279.905	S.W Cor of	Bridge Tack in Lead
4.235	284.790	3.84	280.555		
4.315	284.915	4.19	280.600		
4.185	284.680	4.42	280.495		
		4.105	280.575		
		2.37	282.31	S.E Cor	30th & Olive Top Hydt.

1

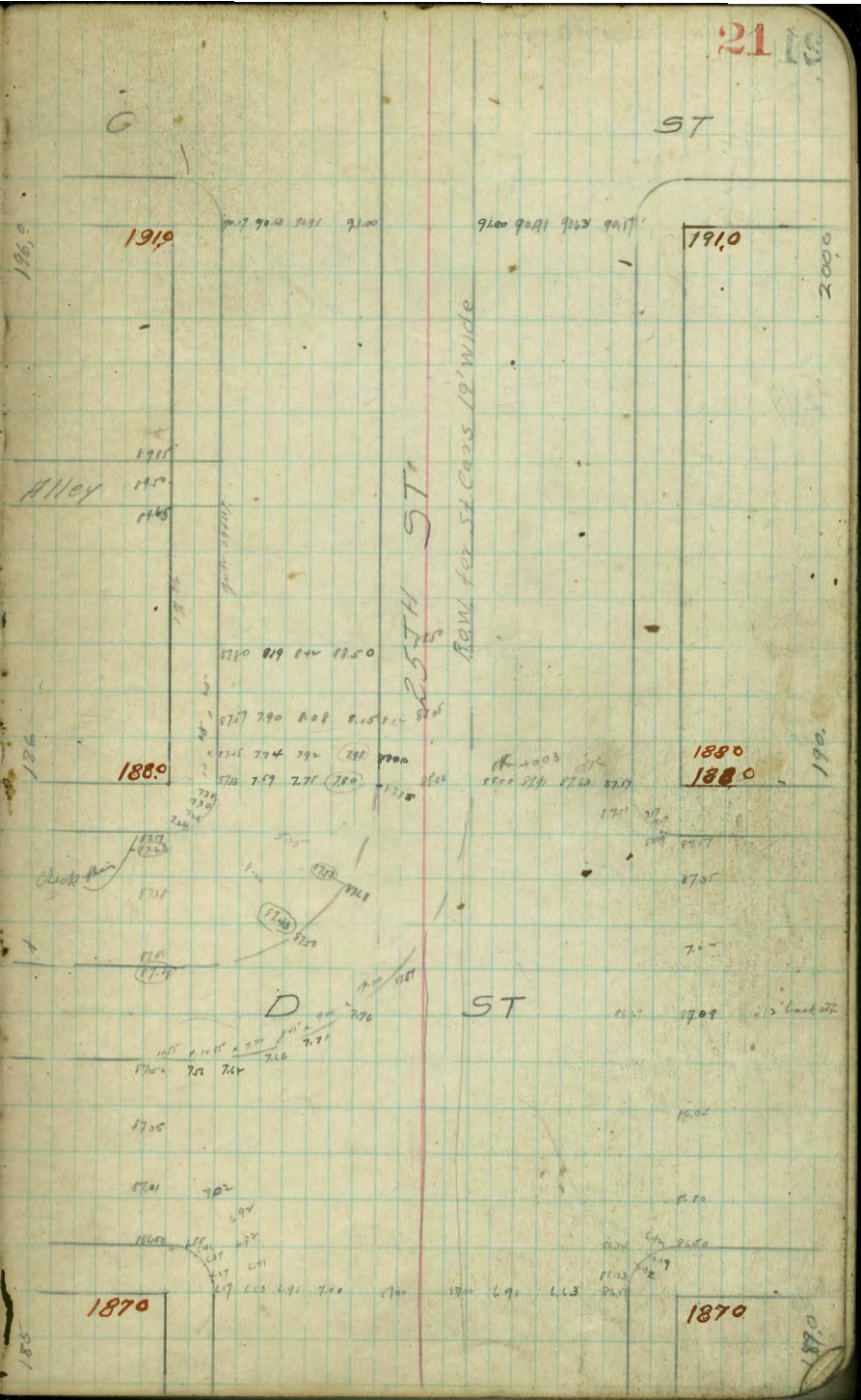
Ben hes 30th St. - Chk OK

	7	—	L			
3	33.89		3 6			Moo
0.825	332.850	5.865	2.62	"		7
5.21	331.255	6.805	32 0			
2.31	32 325	4.2	32.015			
2.40	3 6.1	30	323.99			
	32	5.	.16			
0.44	320.465	94	320.025	S.W		" " "
	312.445	8.865	311.600			
0	305.	8.570	303.875			
		3.865	302.060	SW "		" "
8.260	3 2 5	30	304.495			
		2.665	310.090	"	7	6 "
1.	310.0	3.815	308.940			
	303	7.430	302.665			
		2.090	301.005	S.	3	" " "
0.215	60		291.545			
3.	284 5	0.630	281.130			
		1915	2 0			
		3.645	280.770			

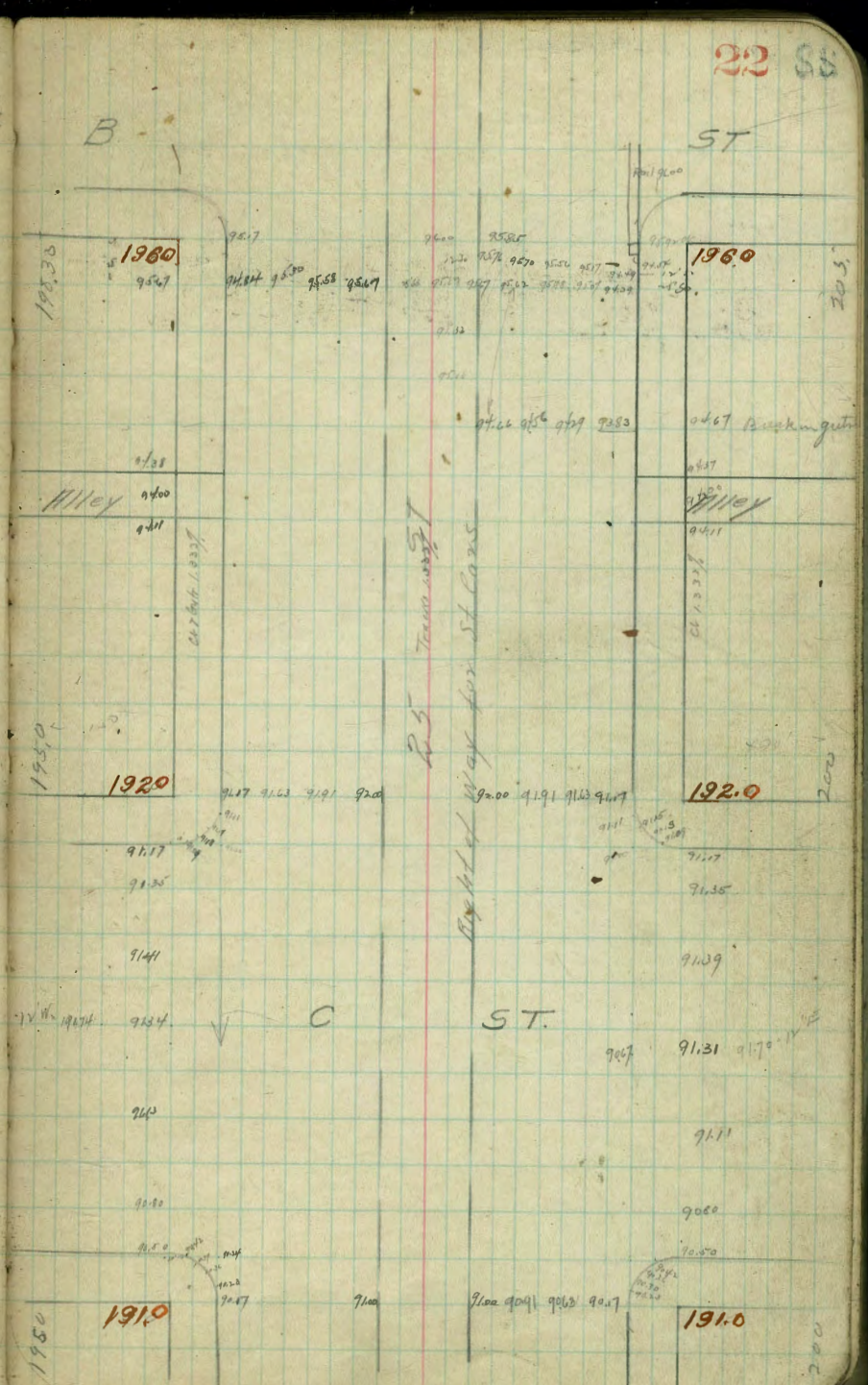
Benches 30th St Capps to Univ Ave

3.570	340.300		336.760	BM SE. Cor	30th & Capps Man
5.390	341.510	4.180	336.120		
		2.370	339.140	N.E Cor	30th & Dwight Top Hydt.
5.395	342.580	4.375	337.135		
6.000	344.885	3.645	338.885		
		5.785	339.100	S.E Cor	30th & Landis Plug in curb
6.810	348.975	2.720	342.165		
		4.450	344.025	S.W Cor	30th & Gunn " " "
6.960	351.855	2.880	348.975		
7.050	356.570	2.335	349.520	S.W Cor	30th & Wightman " " "
		1.510	355.060	S.W Cor	30th & Univ. " " "

187.00 BM S.W 25 + D Pigrt.

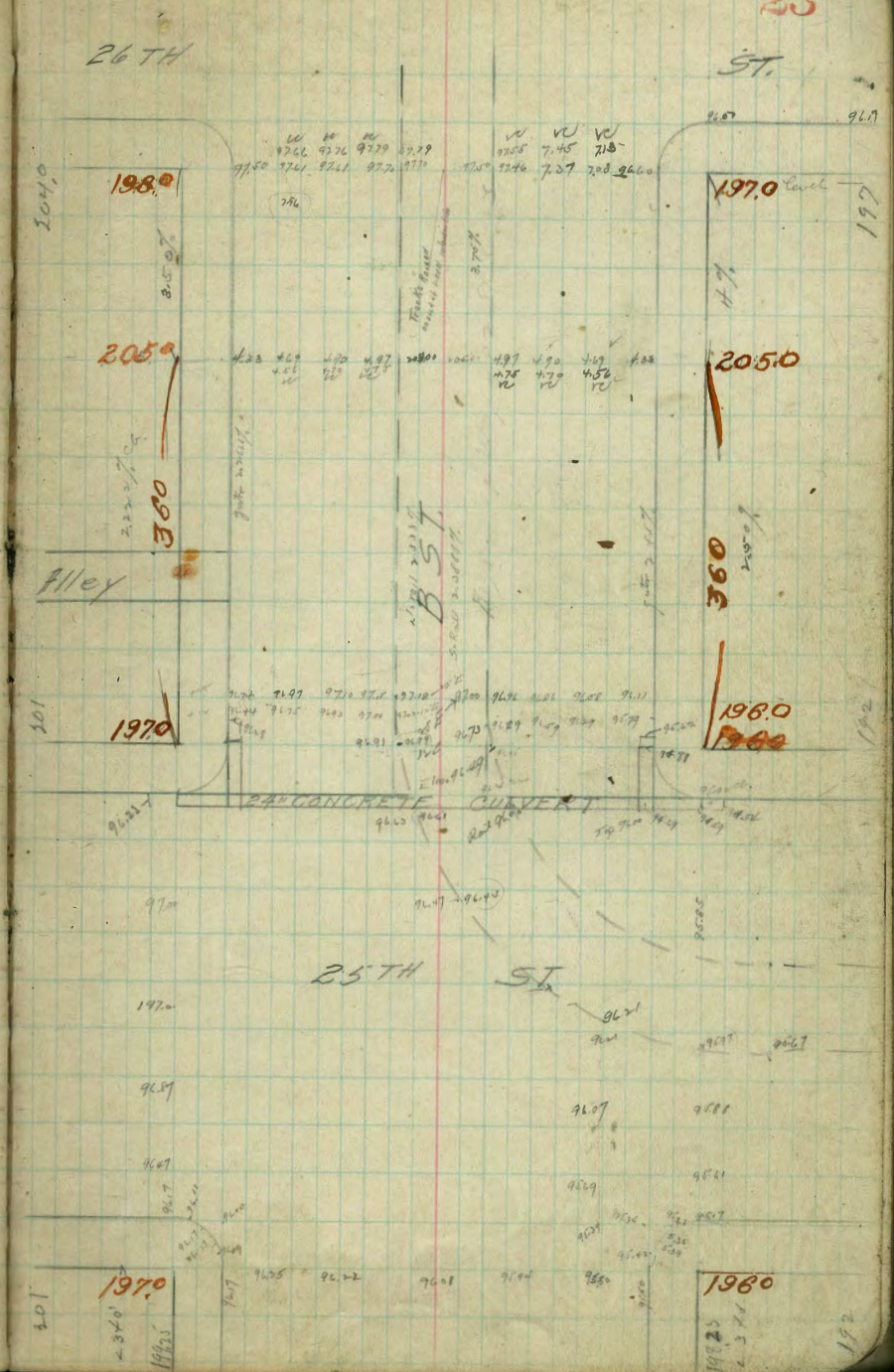


190.95 SW 25th & C Pkg rt. 96.89 NW 25th B



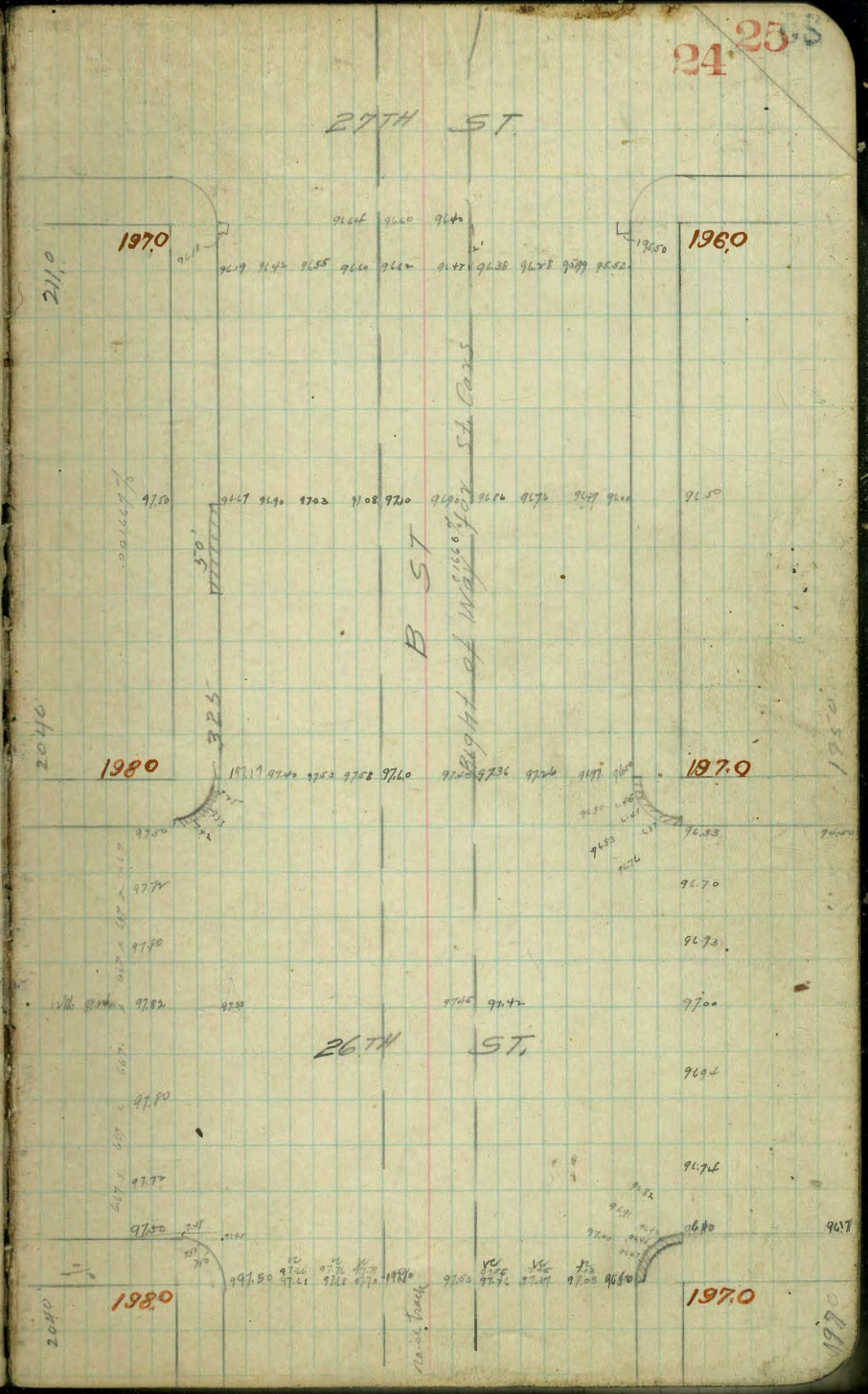
196.89 N W 25th & B.

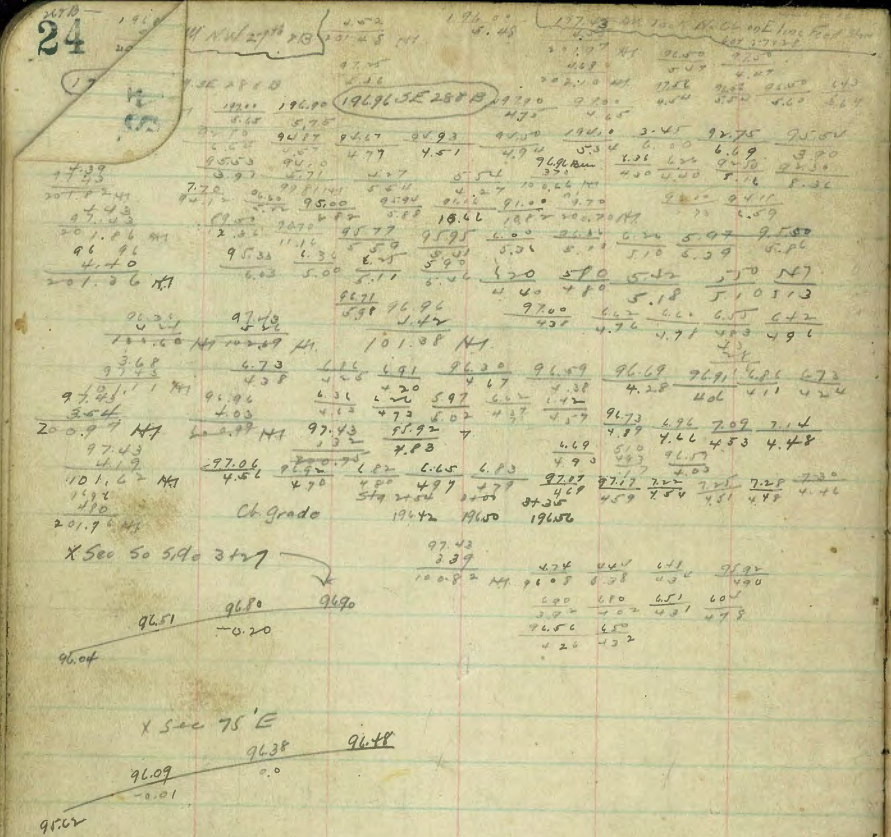
204.03 Nail in N. Ct B St 20' E of break in grade

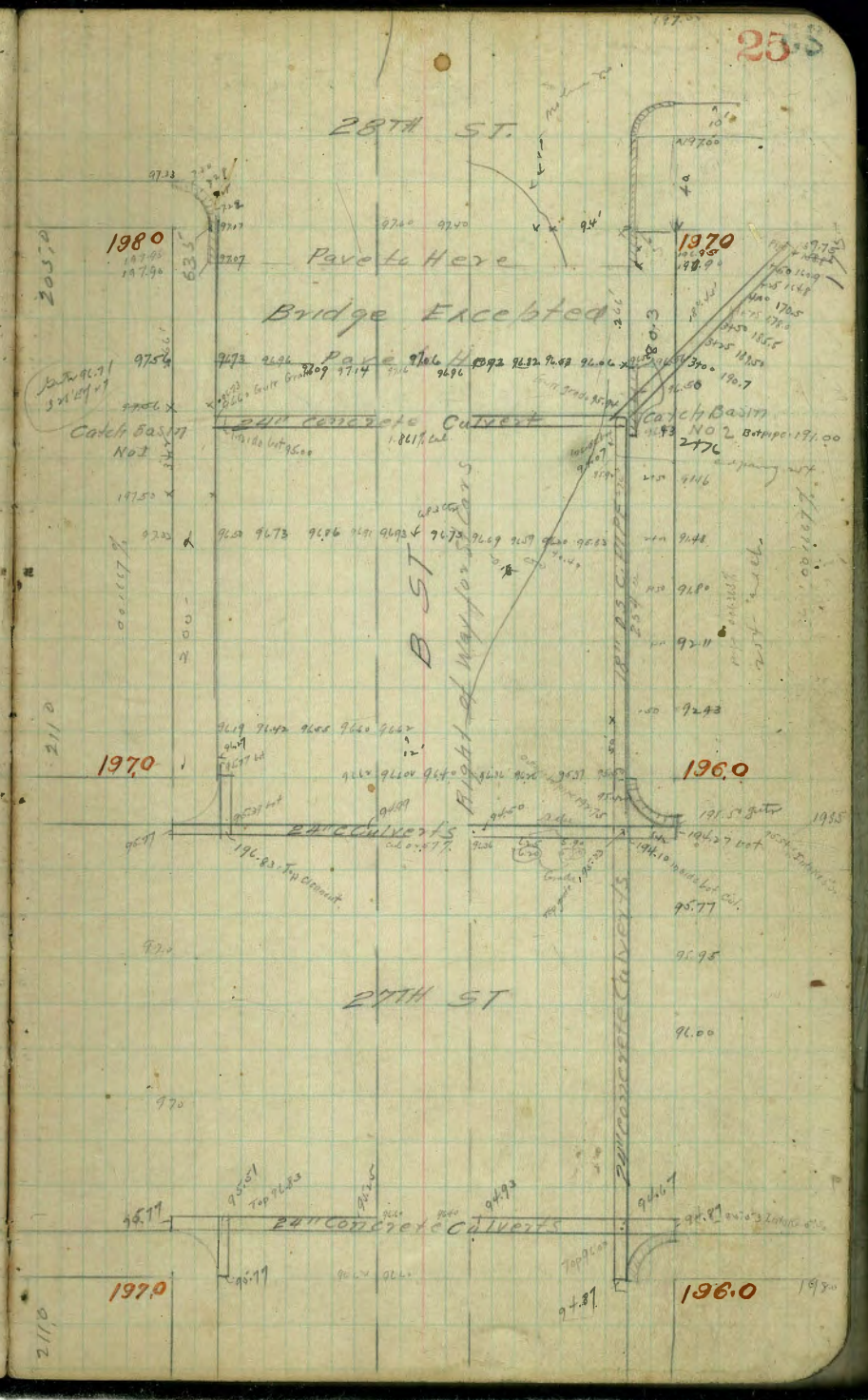


204.03 B St 20' E of brook in grade No. in No. Cb.
196.89 SW 26 & B Rlgrt.

178.79 - Top Hydt So side B bet 26 & 27

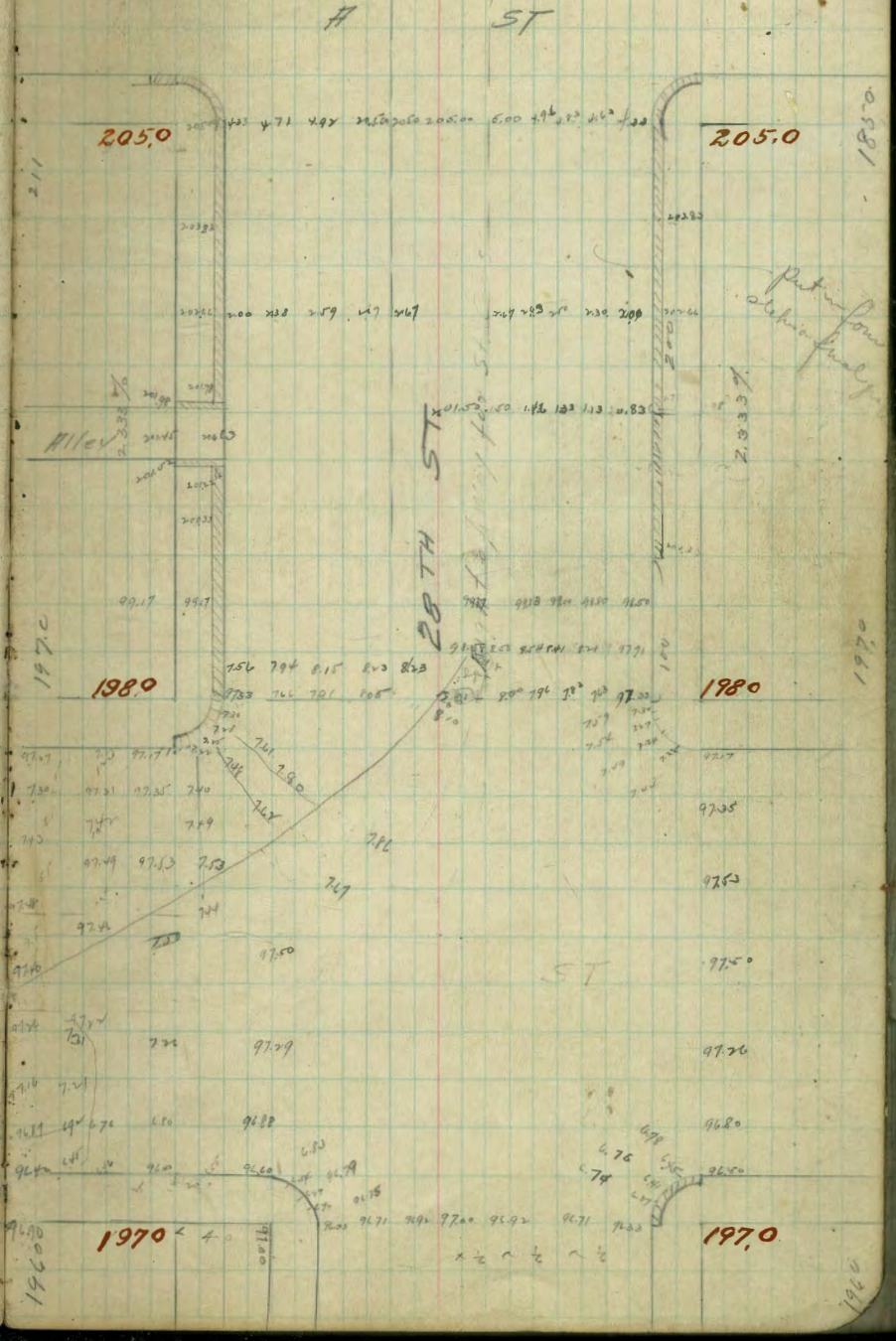



196.96 SE 28 B
Ch Grade
X Sec 50 Side 3+27
96.51
96.80
96.90
-0.20
96.04
X Sec 75' E
96.09
96.38
96.48
-0.01
95.62


28TH ST.
Pave to Here
Bridge Excepted
Pave to Here
24" Concrete Culvert
Catch Basin No 1
Catch Basin No 2
B ST
Right of Way for Sidewalks
24" Culverts
27TH ST
24" Concrete Culverts
1980
1970
1970
196.0
1970
196.0

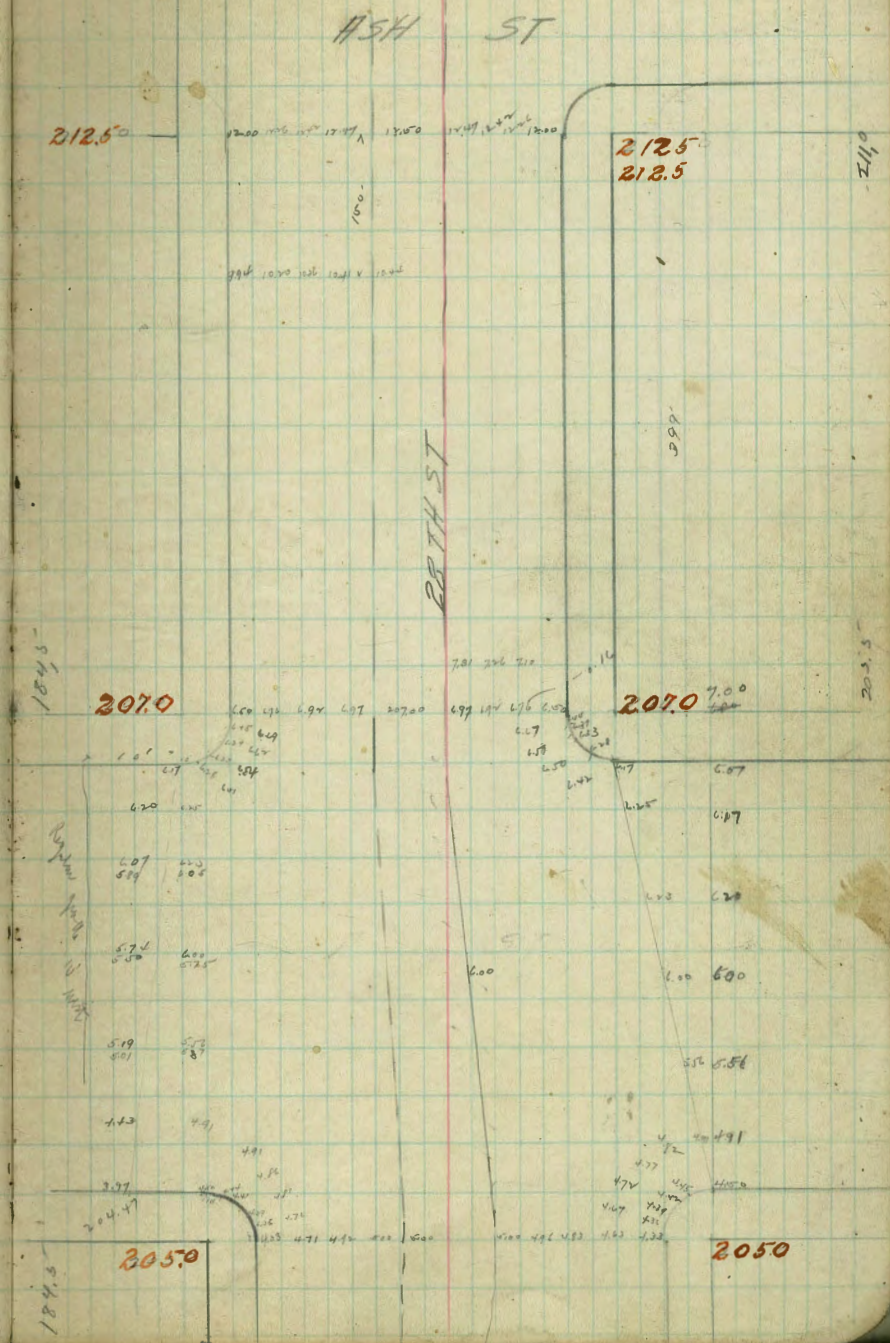
196.96 SE 28 & B

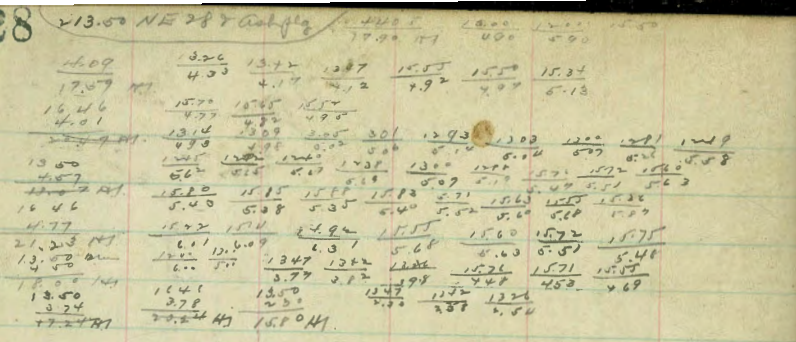
206.98 NW 28 & a plg

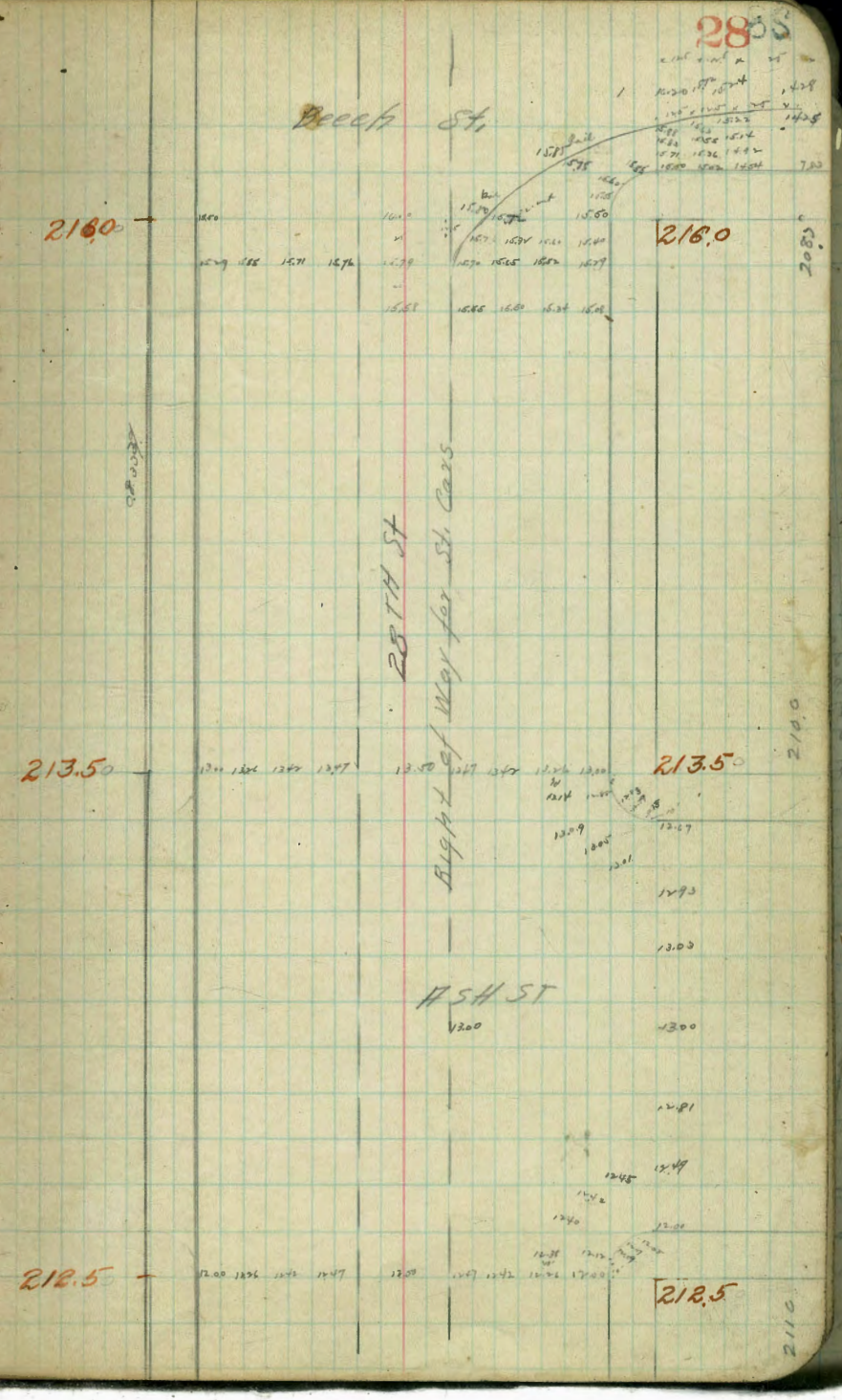


213.50 NE 28 & Ash plg t.

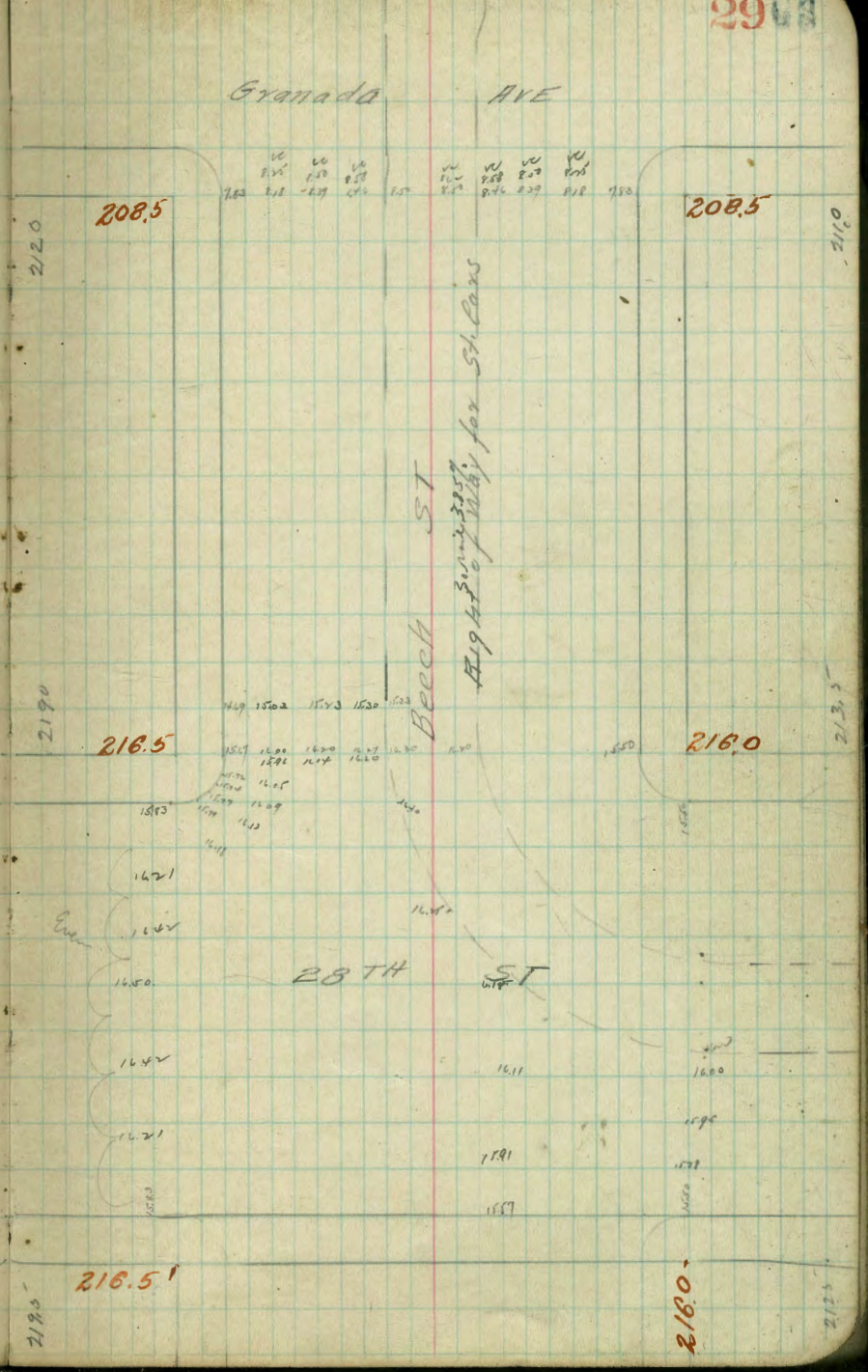
206.98 NW 28 & A plg



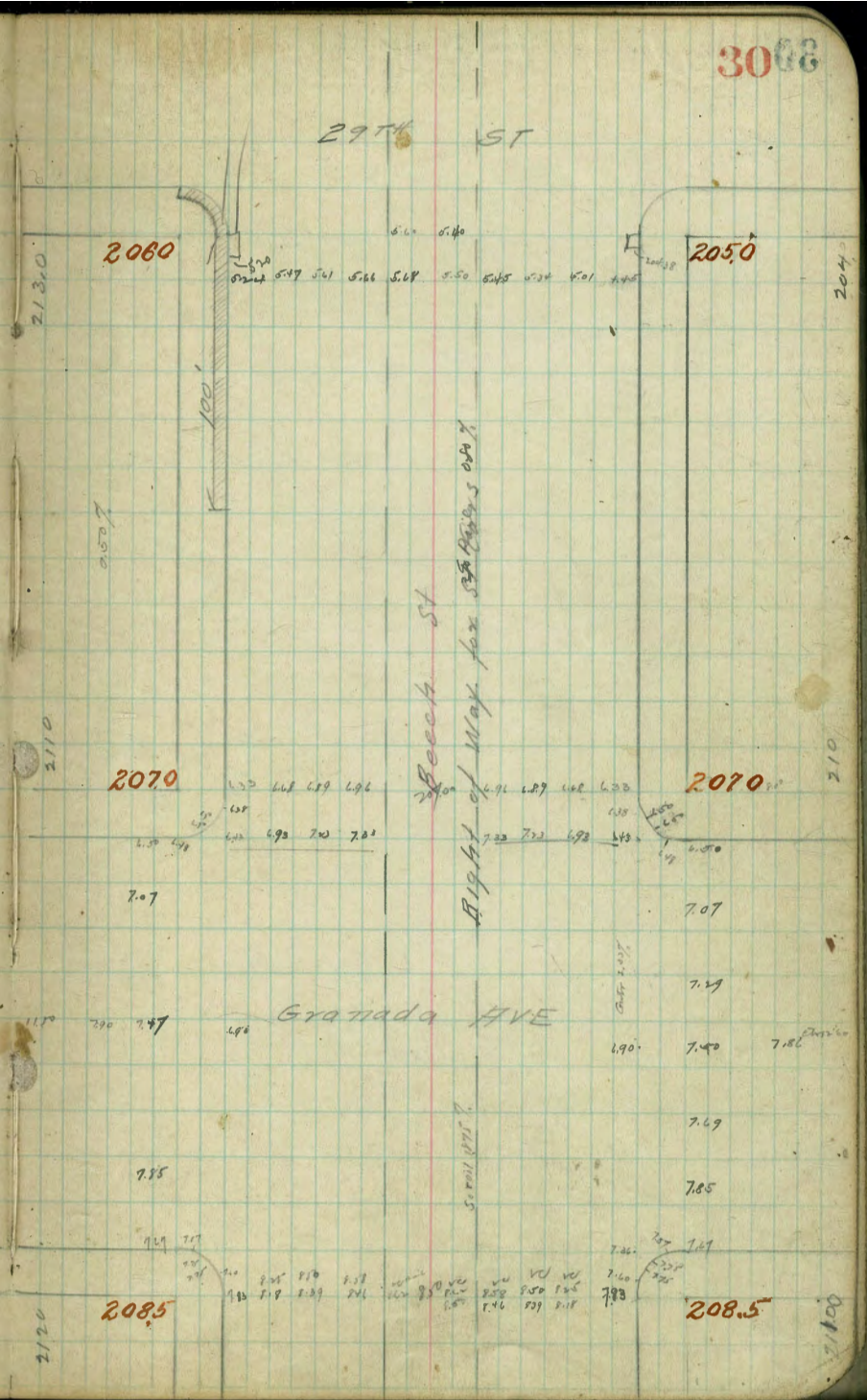

213.50 NE 28 & Ash plg


Beech St.
216.0
216.0
28TH St
Right of Way for St. Cars
213.50
213.50
ASH ST
212.5
212.5

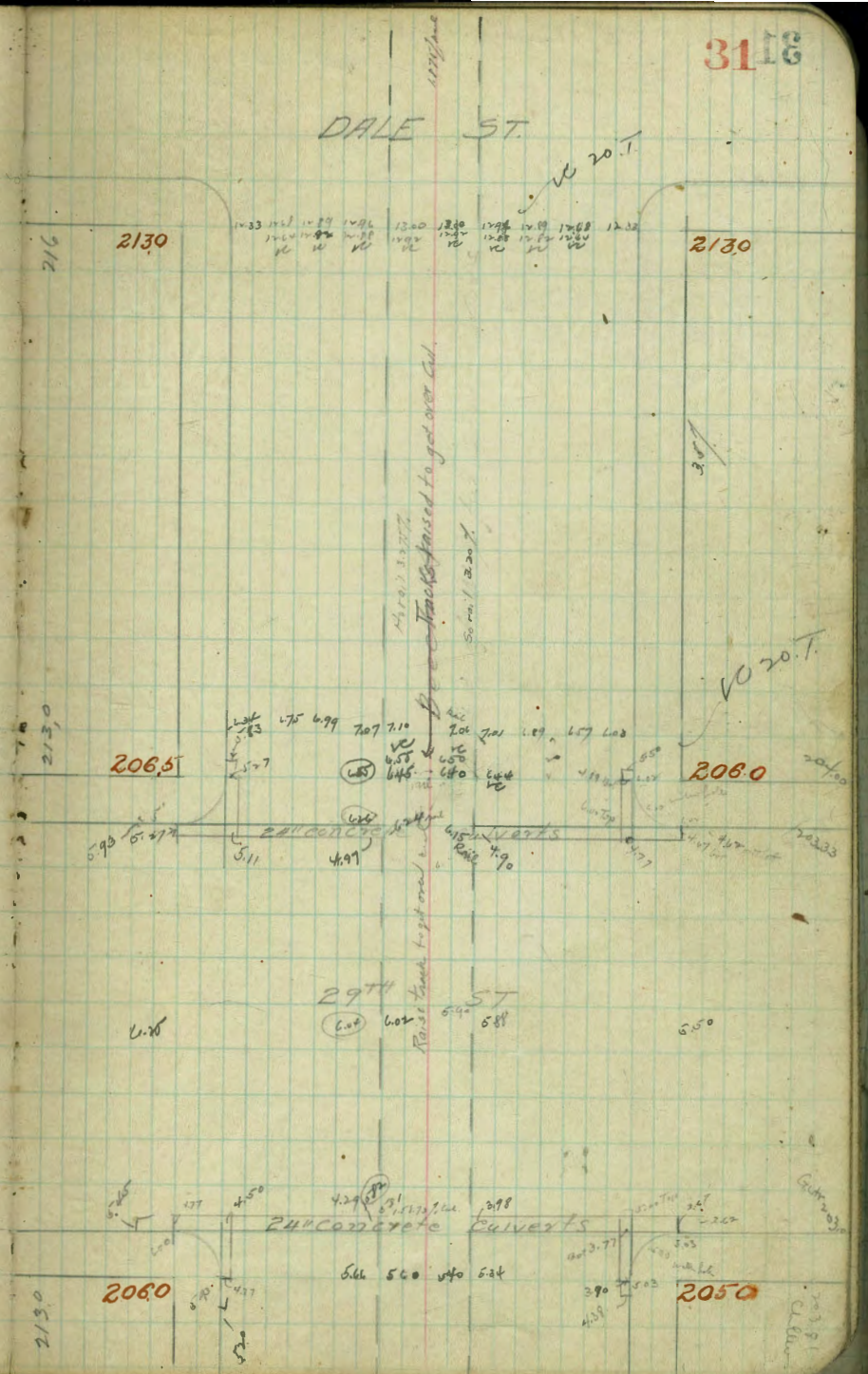
216.46 NE 28 & Beech plg.



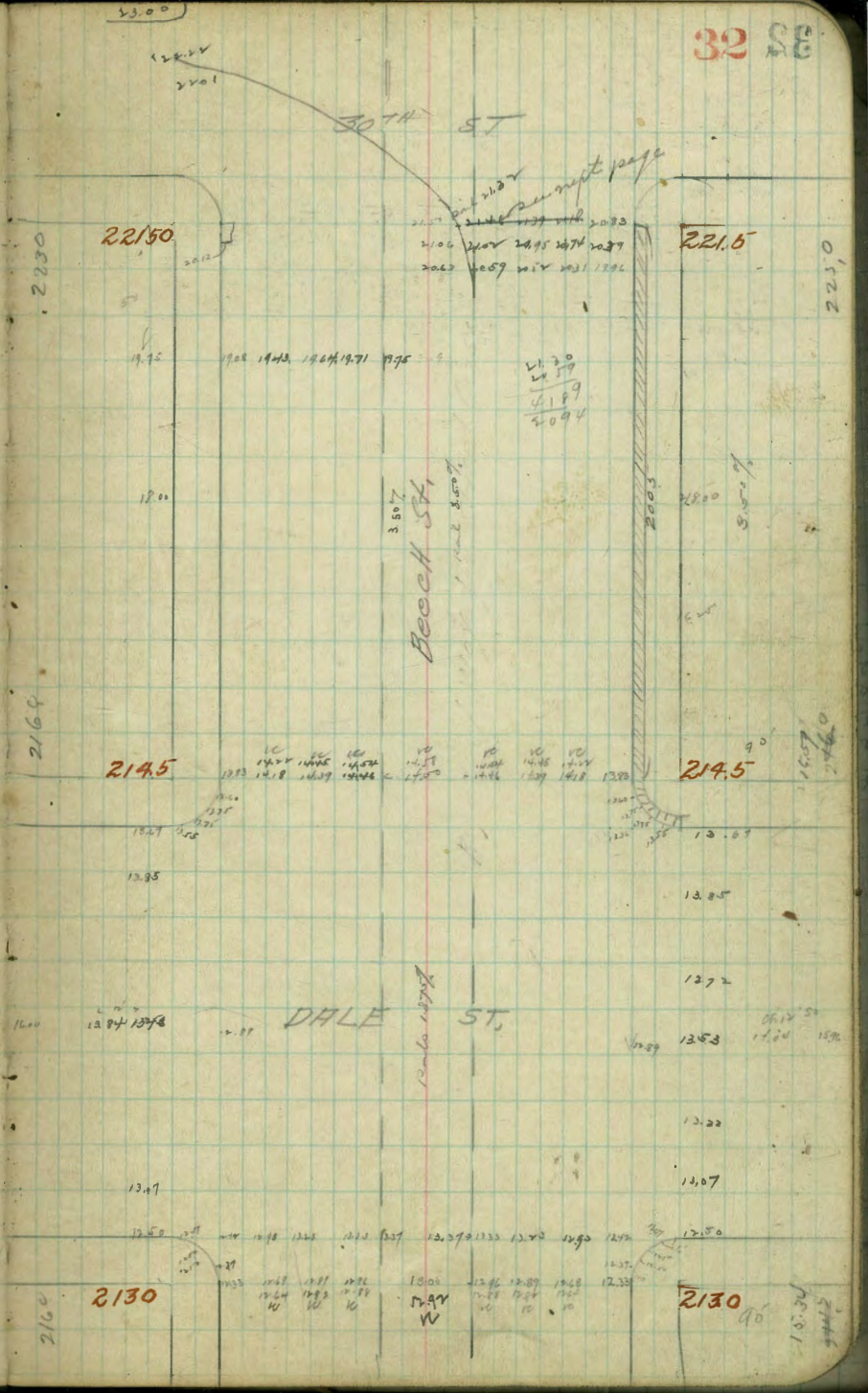
208.48 NW Beach & Granada Ave



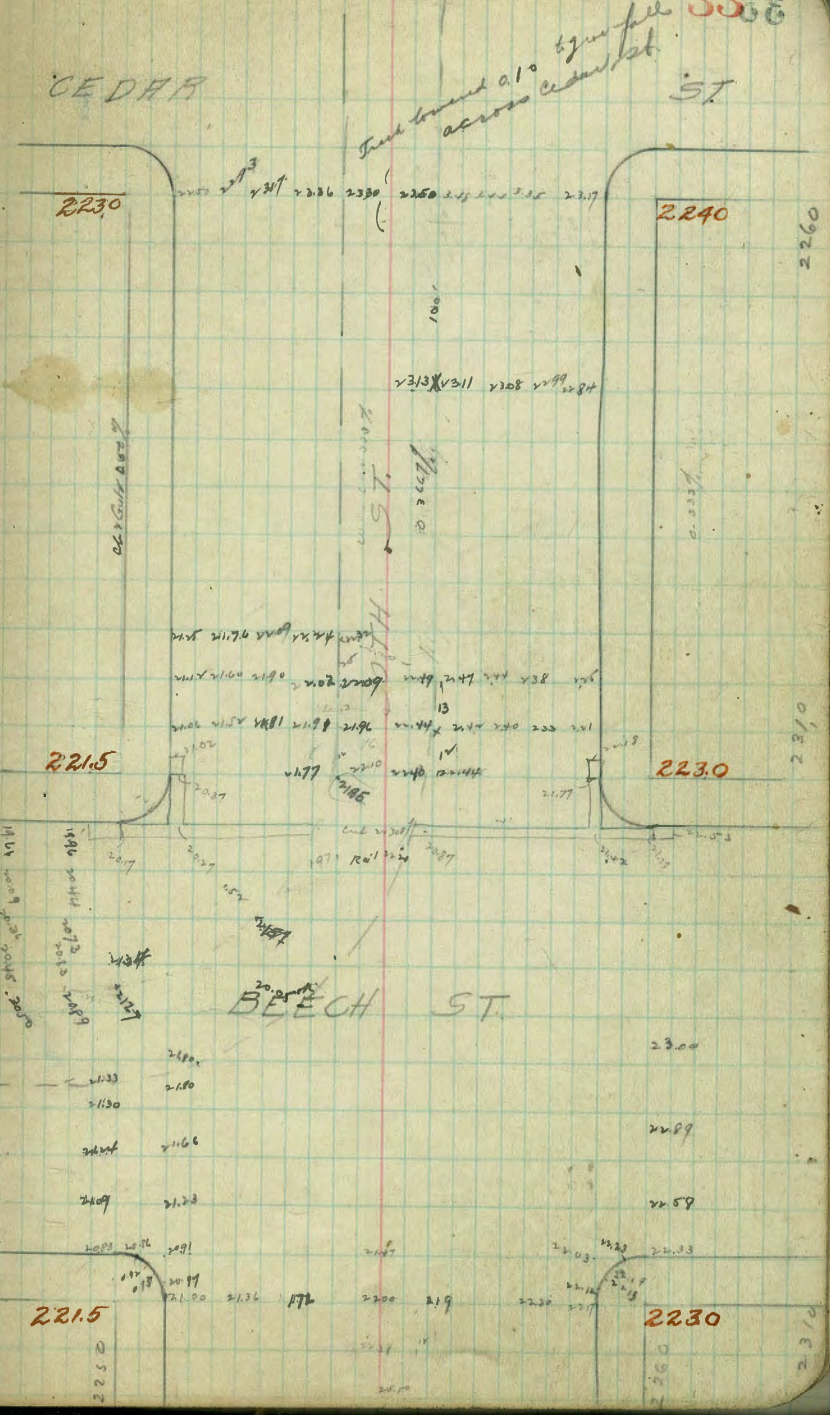
206.57 NE 29th Buck plug)



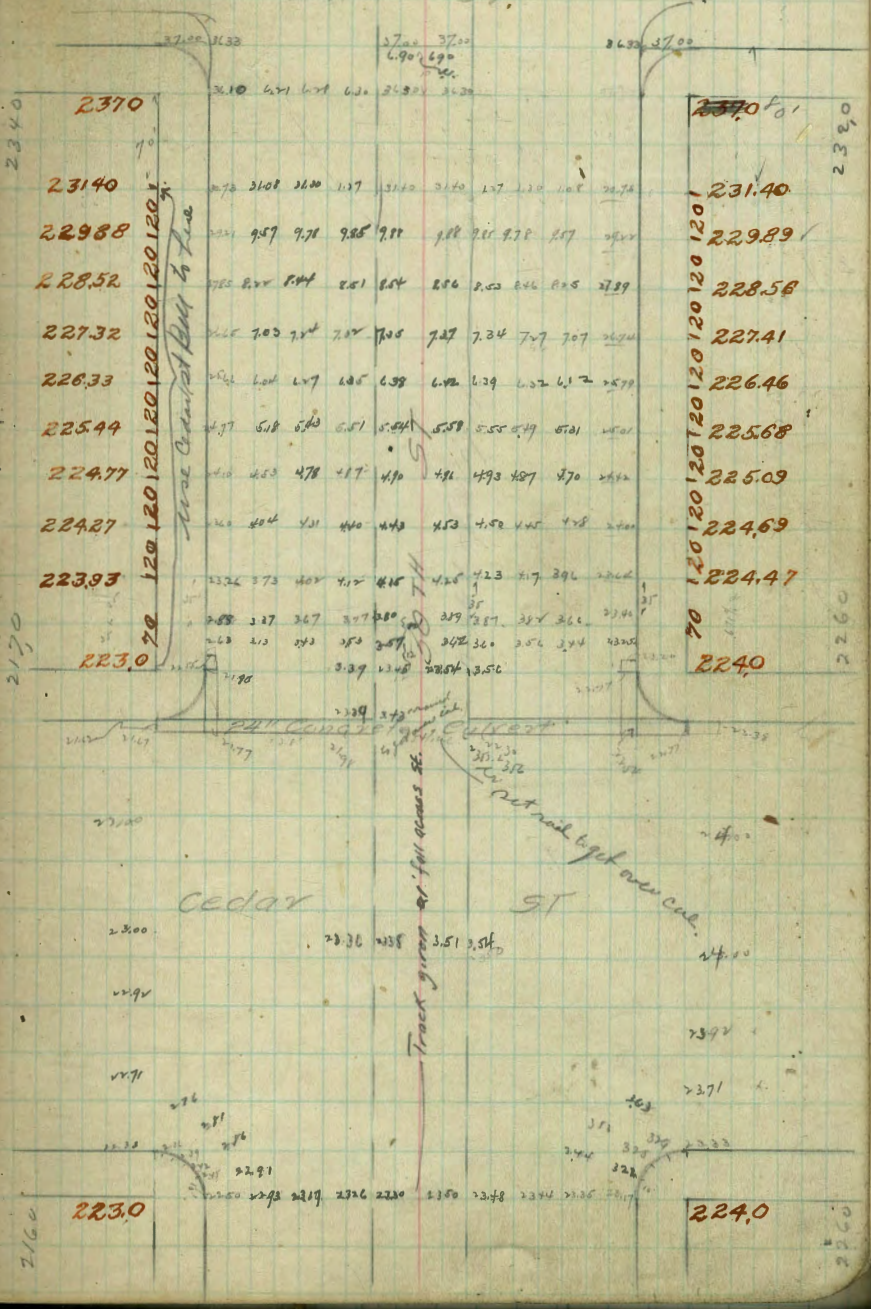
214.57 NE Dale & Beech plug



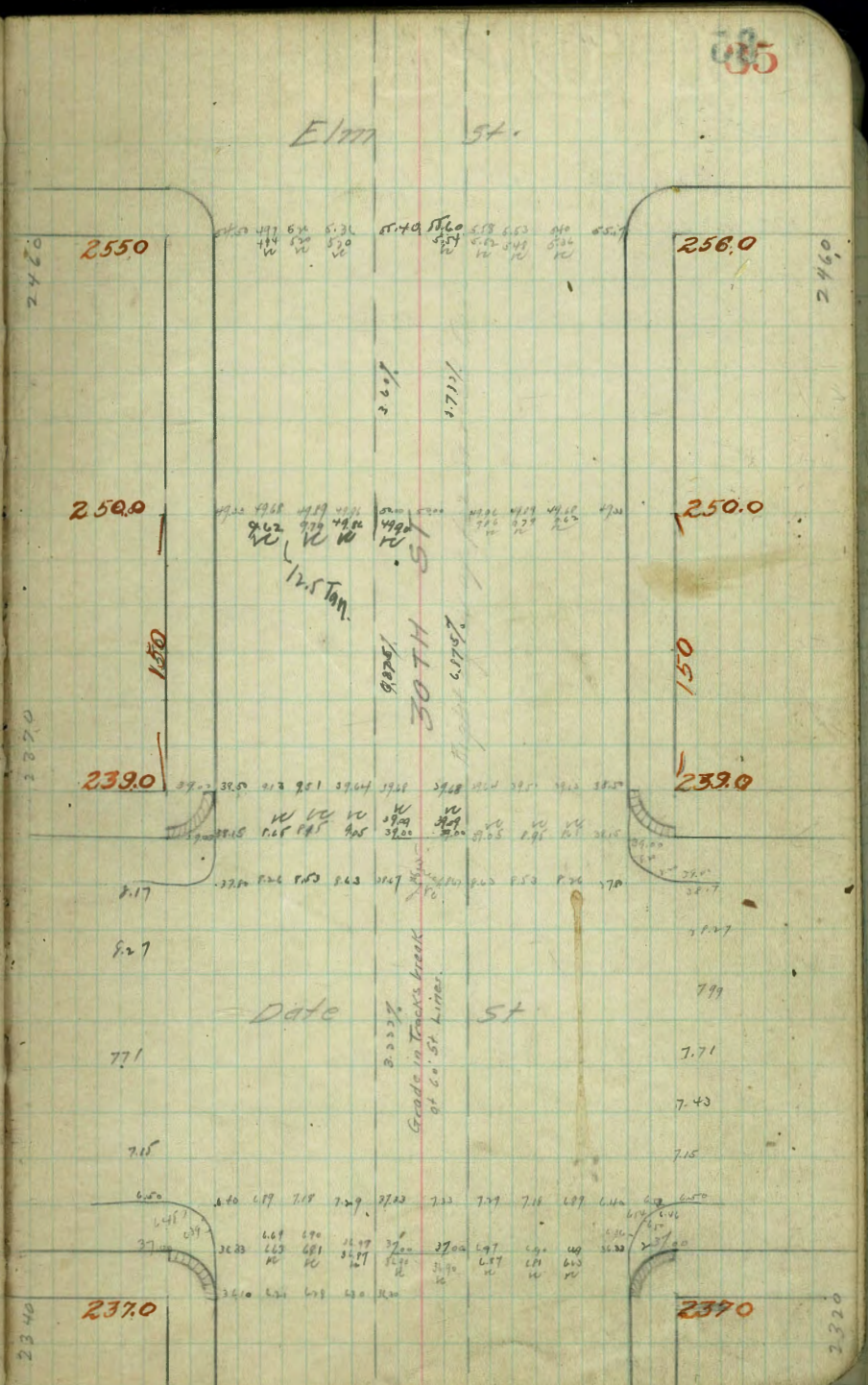
221.52 NW 30th x Beech plug



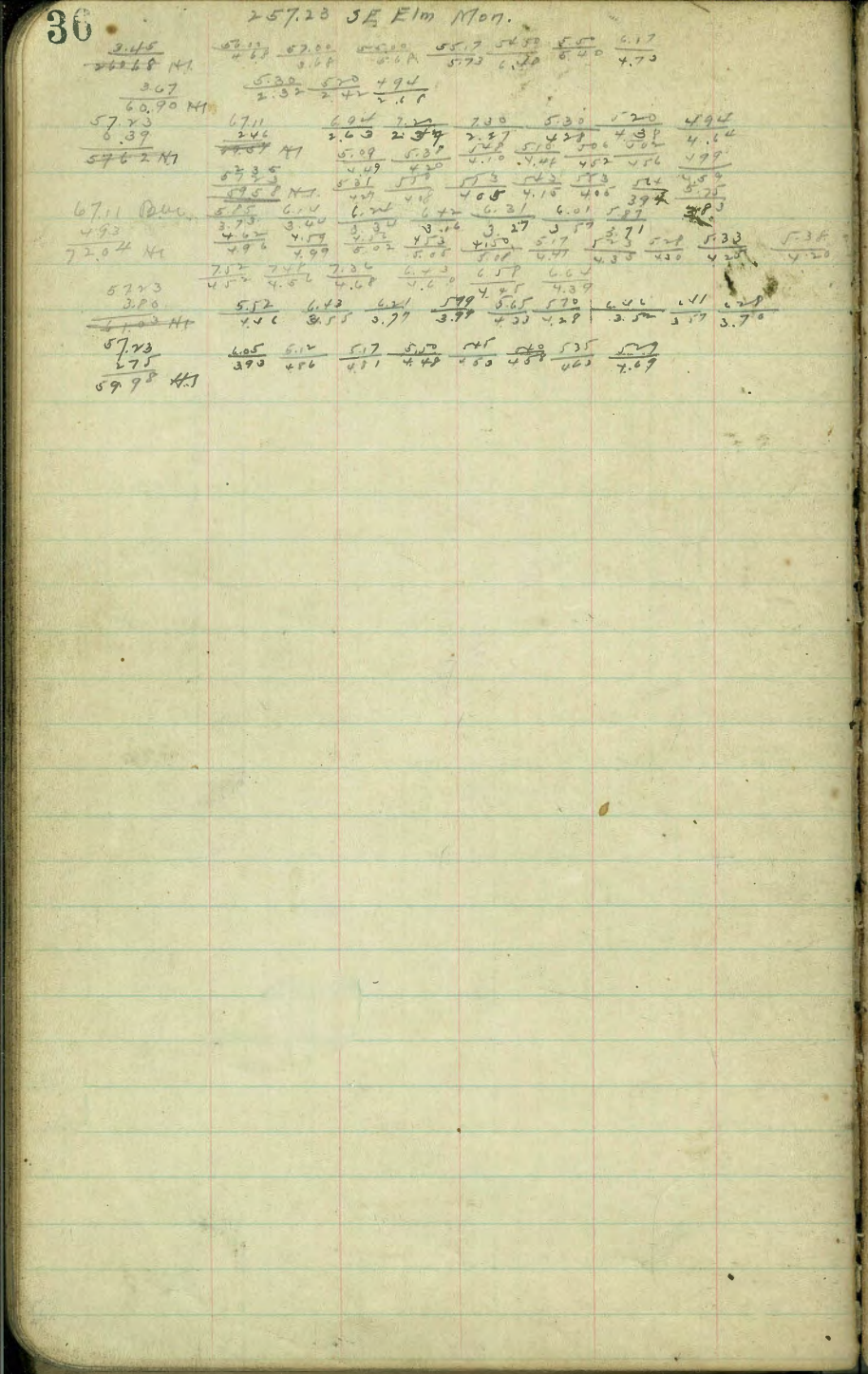
Cedar St 224.02 plgrt Date 237.12 SW Cor plgrt

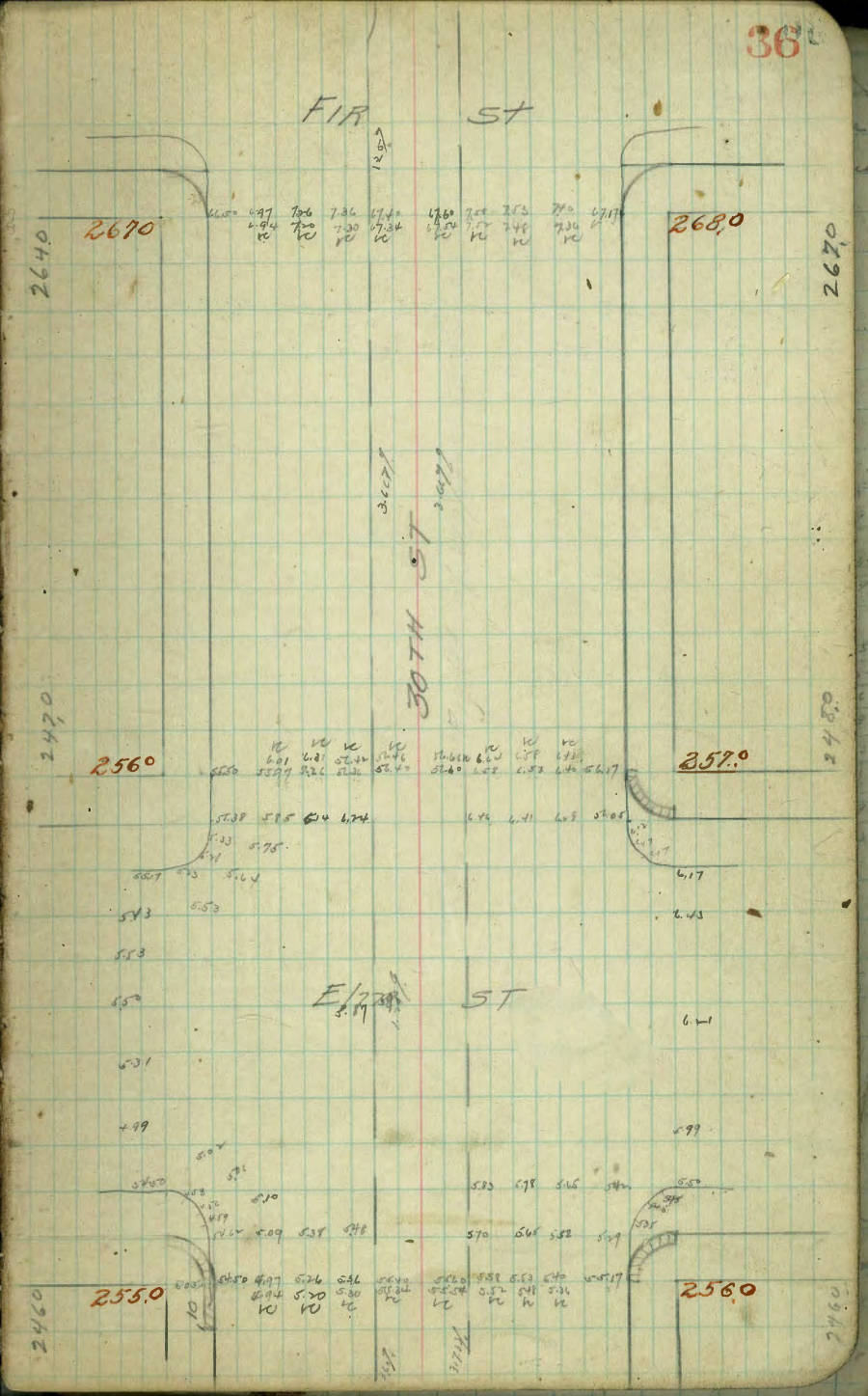


237.12 Bill S.W Date Plgrt

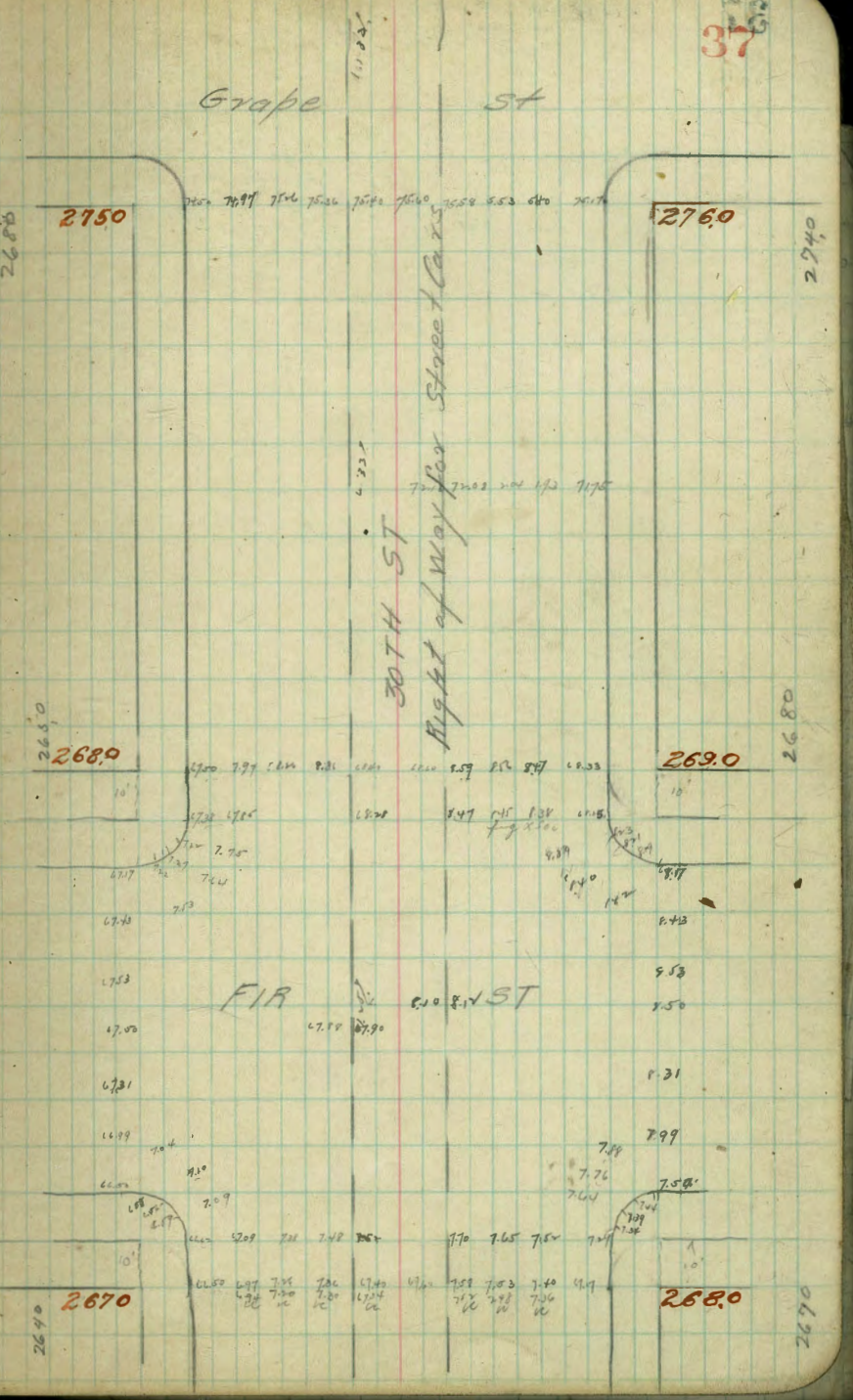


257.28 SE Elm Mon.

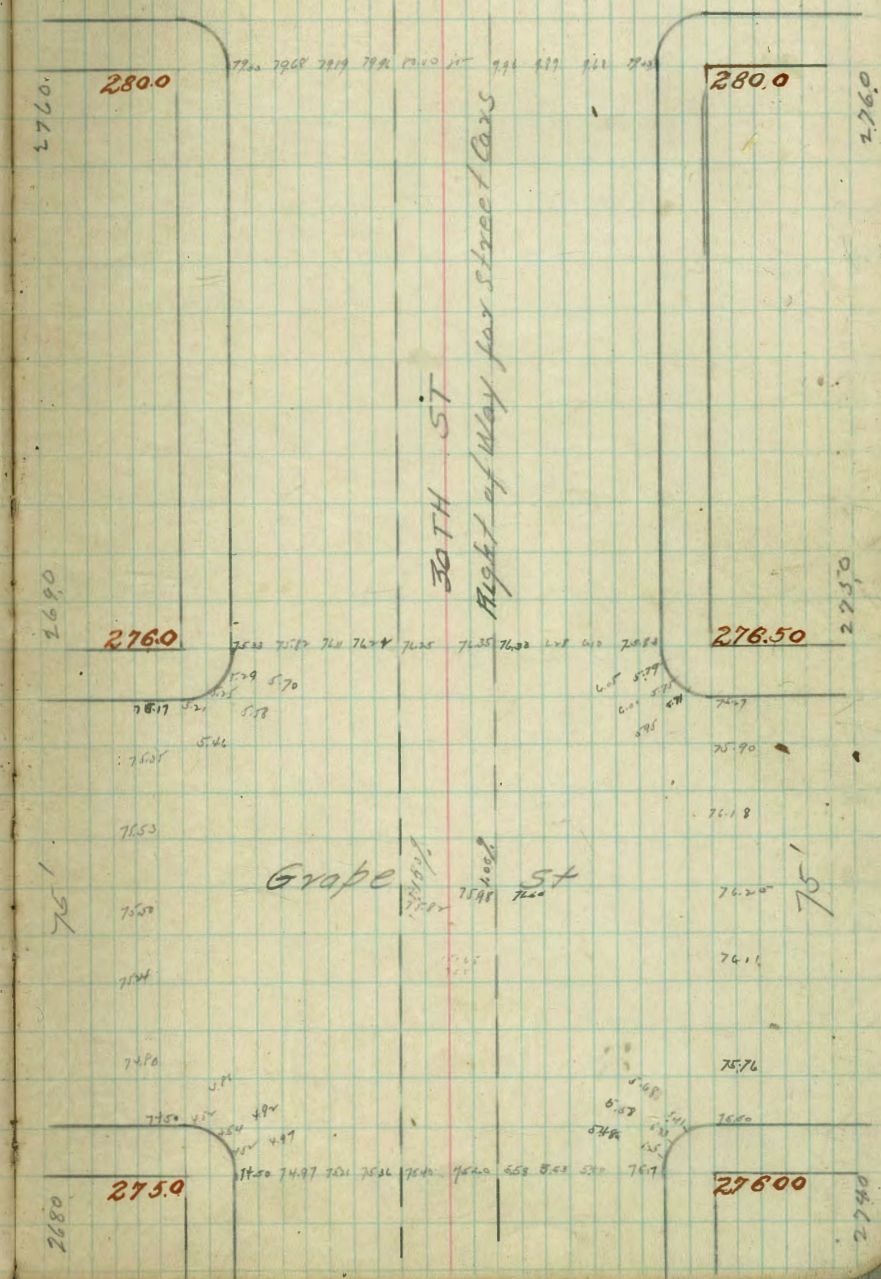




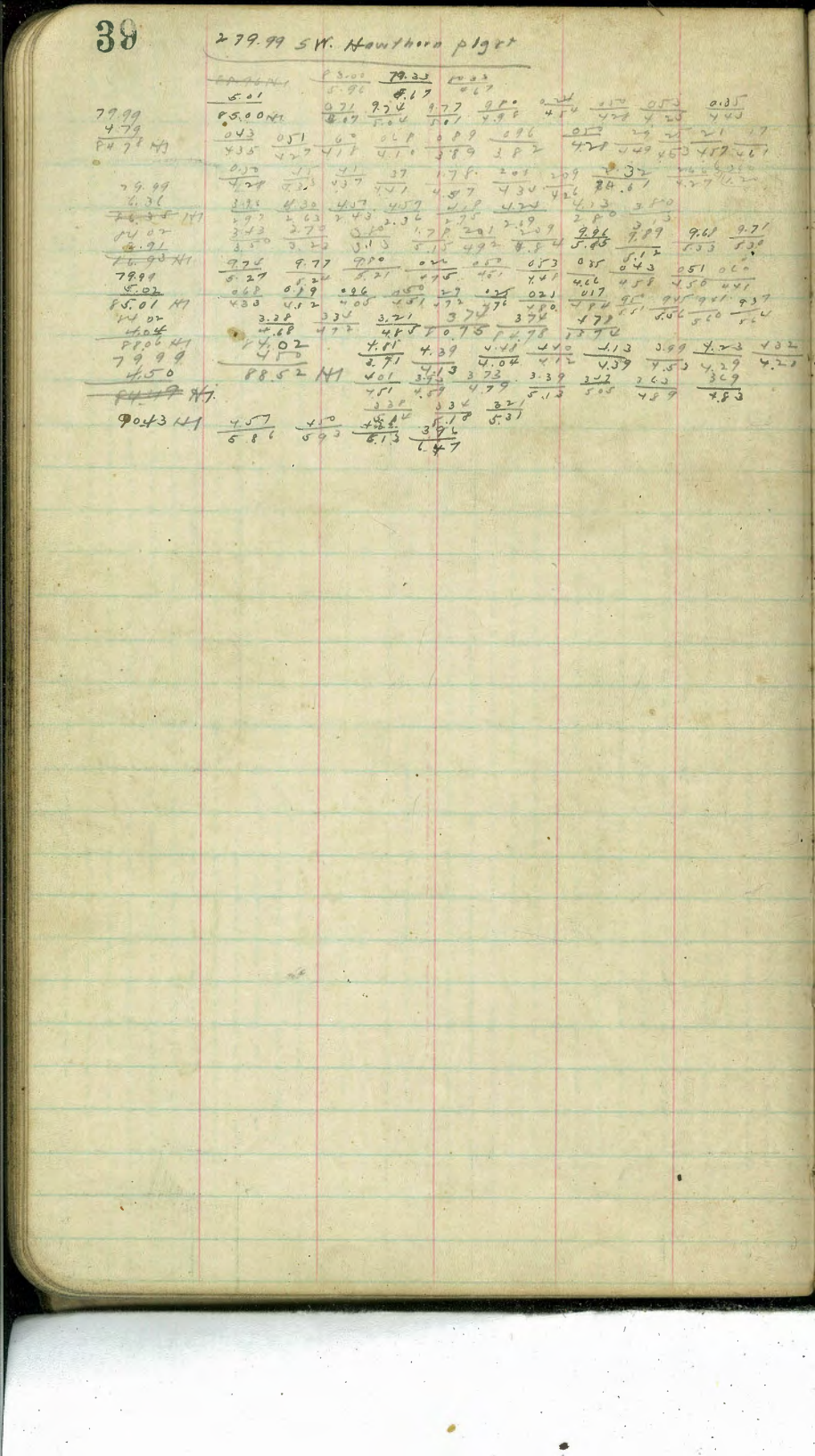
267.18 SW Cor Plg rt

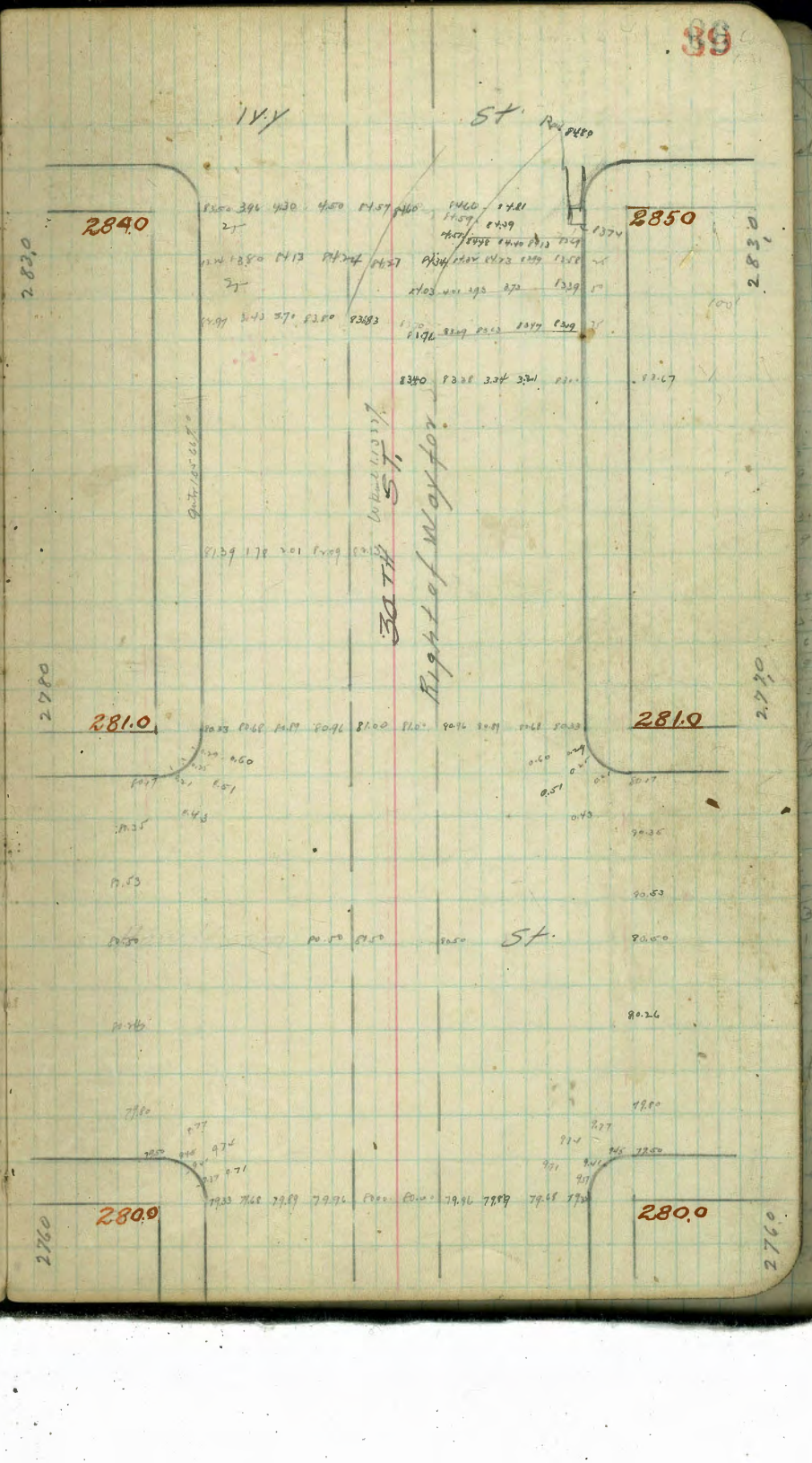


275.00 SW 30th & Grape plgrt

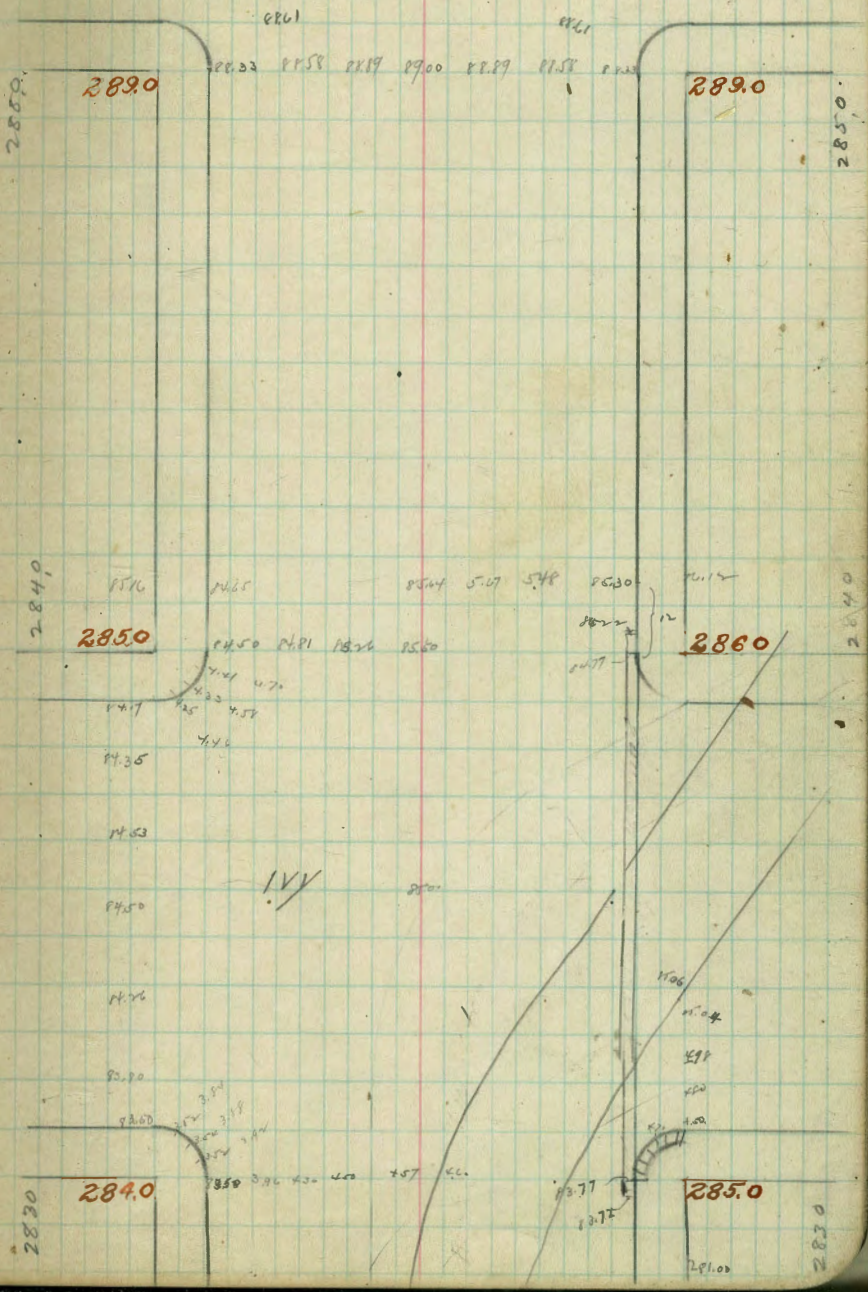


279.99 SW. Hawthorne plgrt





2P4.02 SW Ivy plgrt



288.99 S.W 30th & Juniper So Plg.

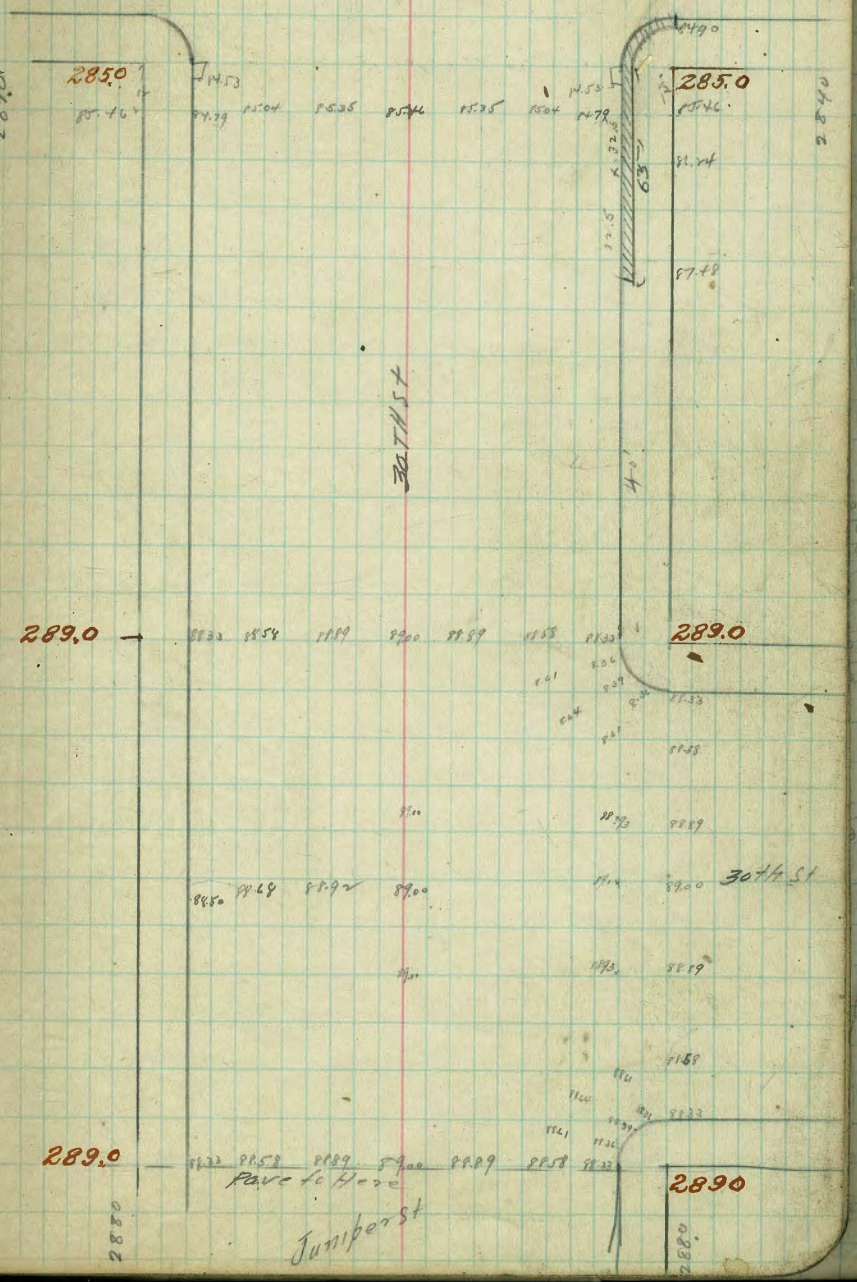
85.01 / 6.11 / 91.12 H1 — 5.55 / 85.57 — Spk S.N. Fern & Juniper — 85.00 / 6.12 — 86.74 / 4.88 — 87.48 / 2.64

5.44 / 94.43 H1 — 88.33 / 6.10 — 8.50 / 5.93

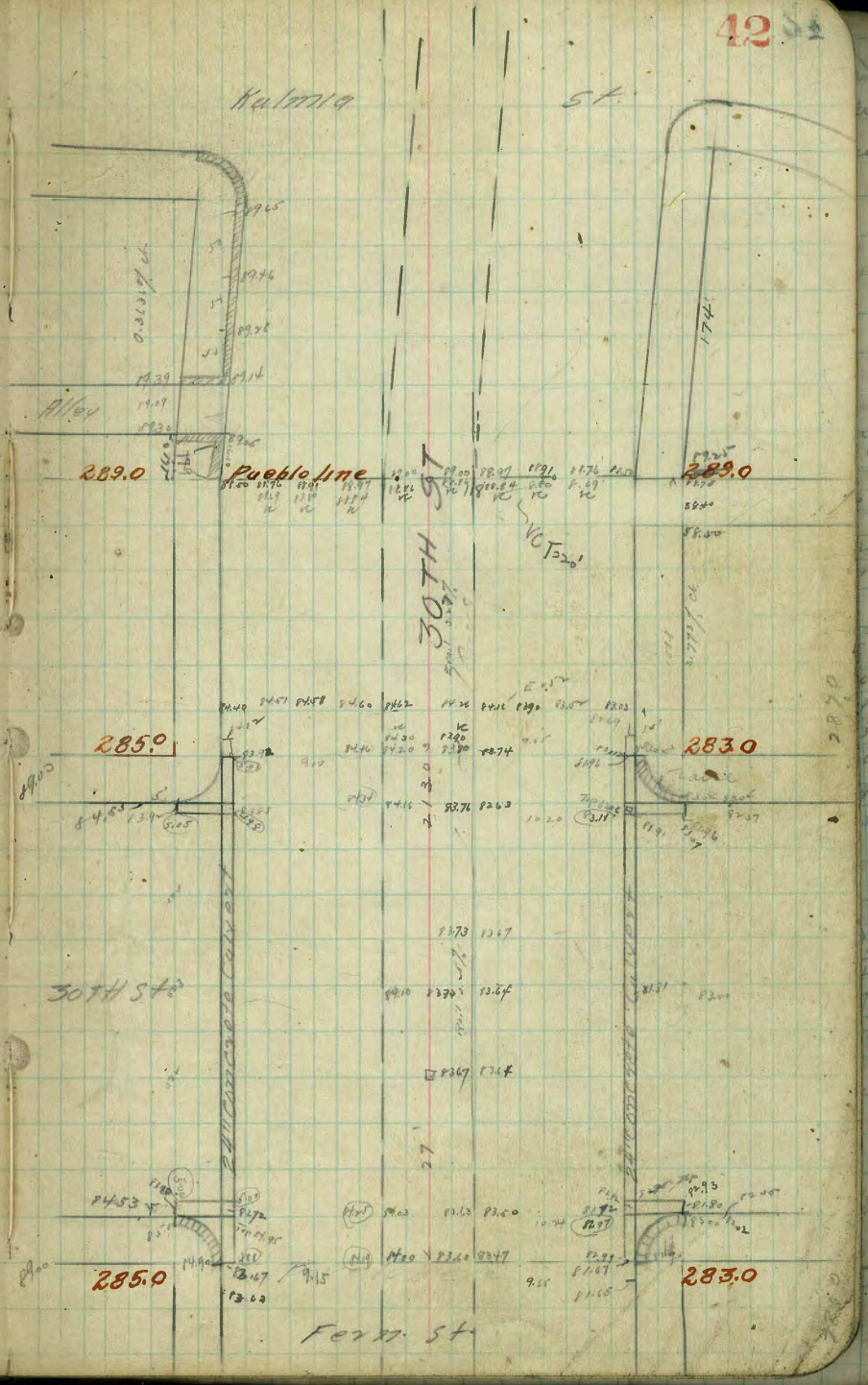
85.01 / 6.67 / 91.68 H1 — 5.04 / 6.64 — 5.35 / 6.33 — 5.46 / 6.22 — 5.02 / 6.66 — 5.03 5.04 — 8.58 / 88.99 3.10 — 8.89 / 2.79 — 9.00 / 2.68

88.99 / 4.74 / 93.73 H1 — 8.58 / 5.15 — 8.89 / 4.84 — 9.00 / 4.73 — 8.92 / 4.81 — 8.68 / 5.05 — 4.18 / 93.17 H1 — 8.58 / 4.59 — 8.89 / 4.28

88.99 / 4.15 / 93.14 H1 — 9.00 / 4.14 — 8.89 / 4.26 — 8.58 / 4.56 — 8.61 / 4.53 — 8.64 / 145.02 — 8.93 / 4.21 — 9.00 / 4.14 — 8.33 / 4.81 — 8.36 / 4.78 — 8.39 / 4.75



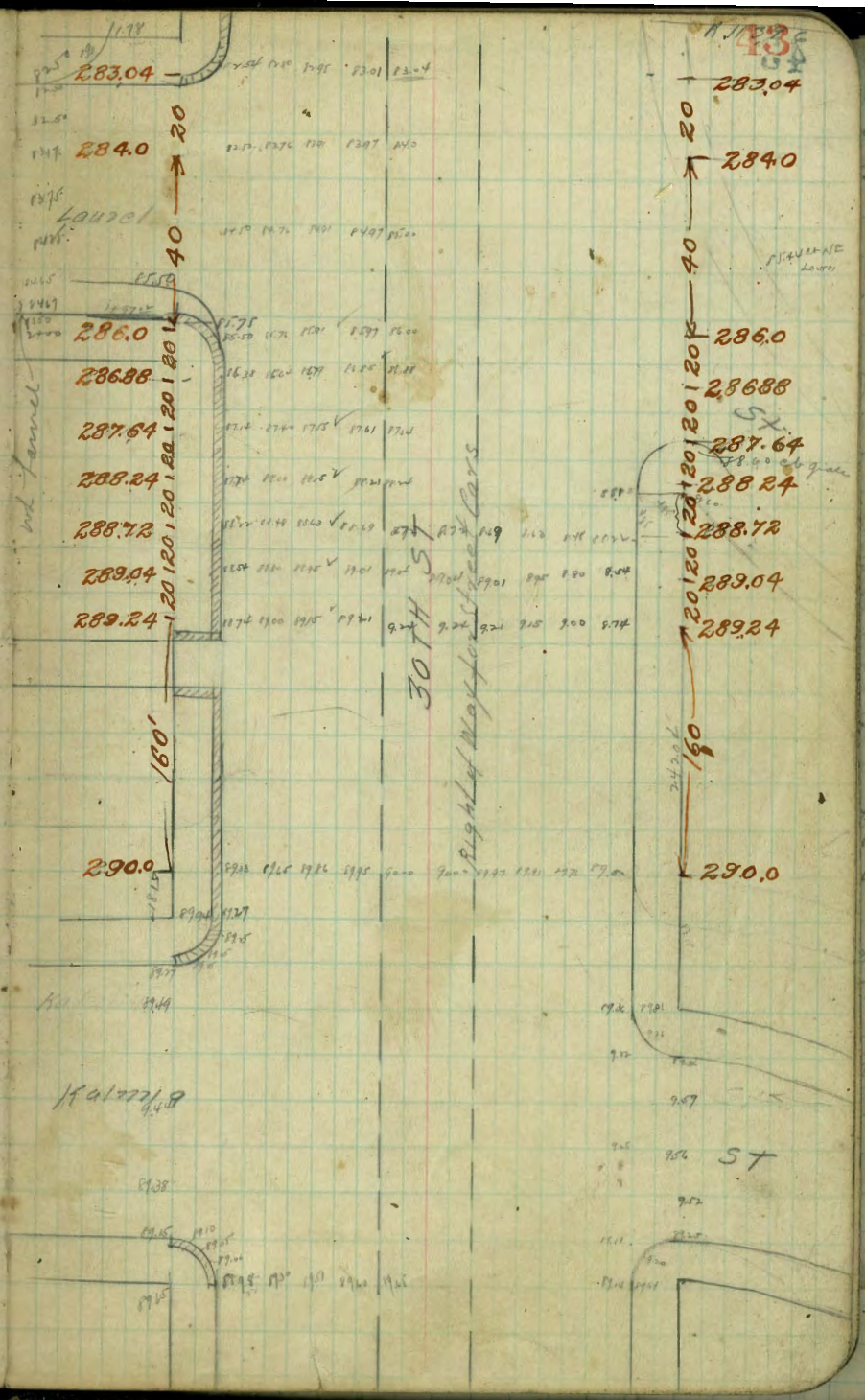
28501 NW 30th & Juniper No Pgrt



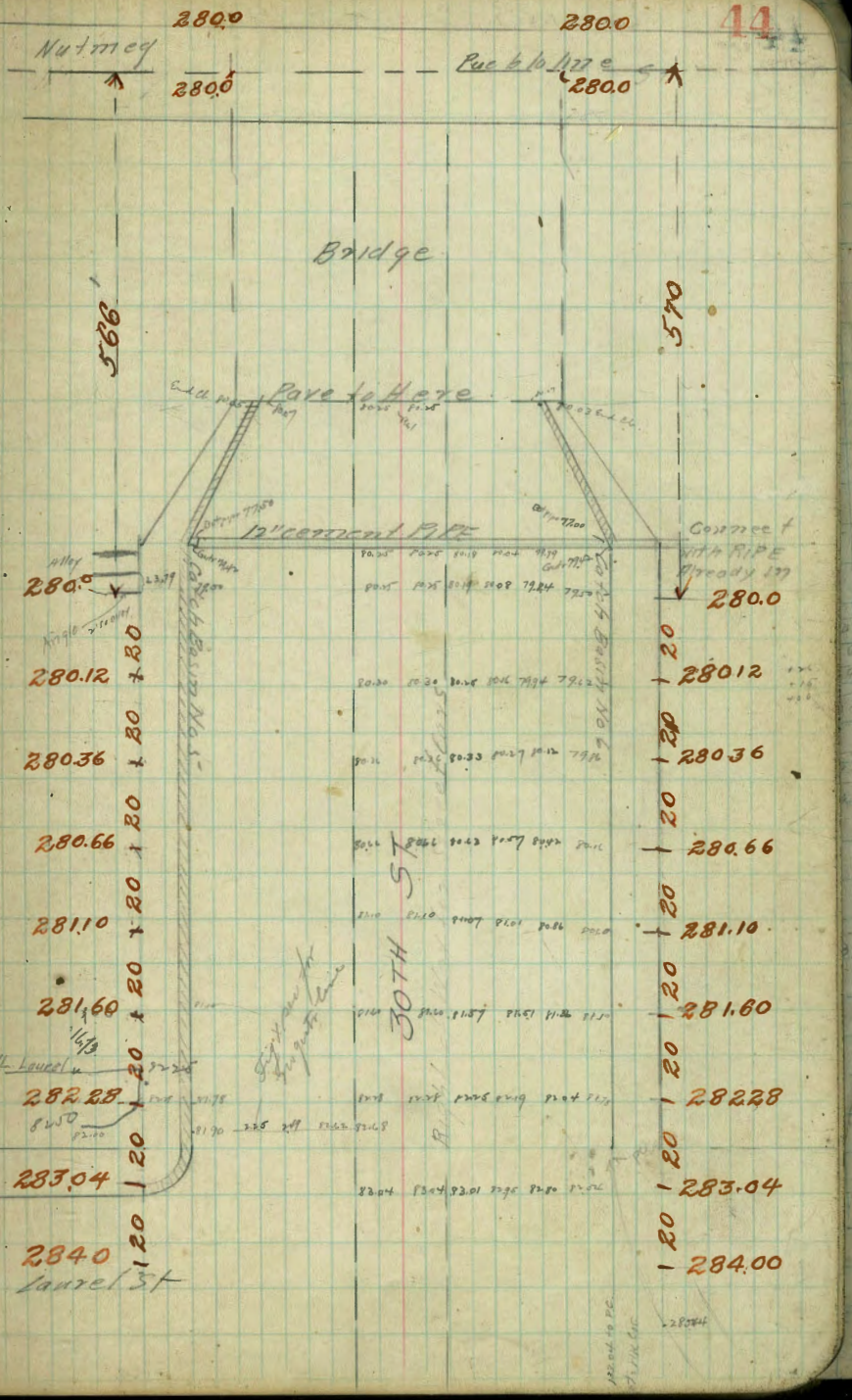
28966 SE Kalmia plgrt

28863 SE Laurel plgrt

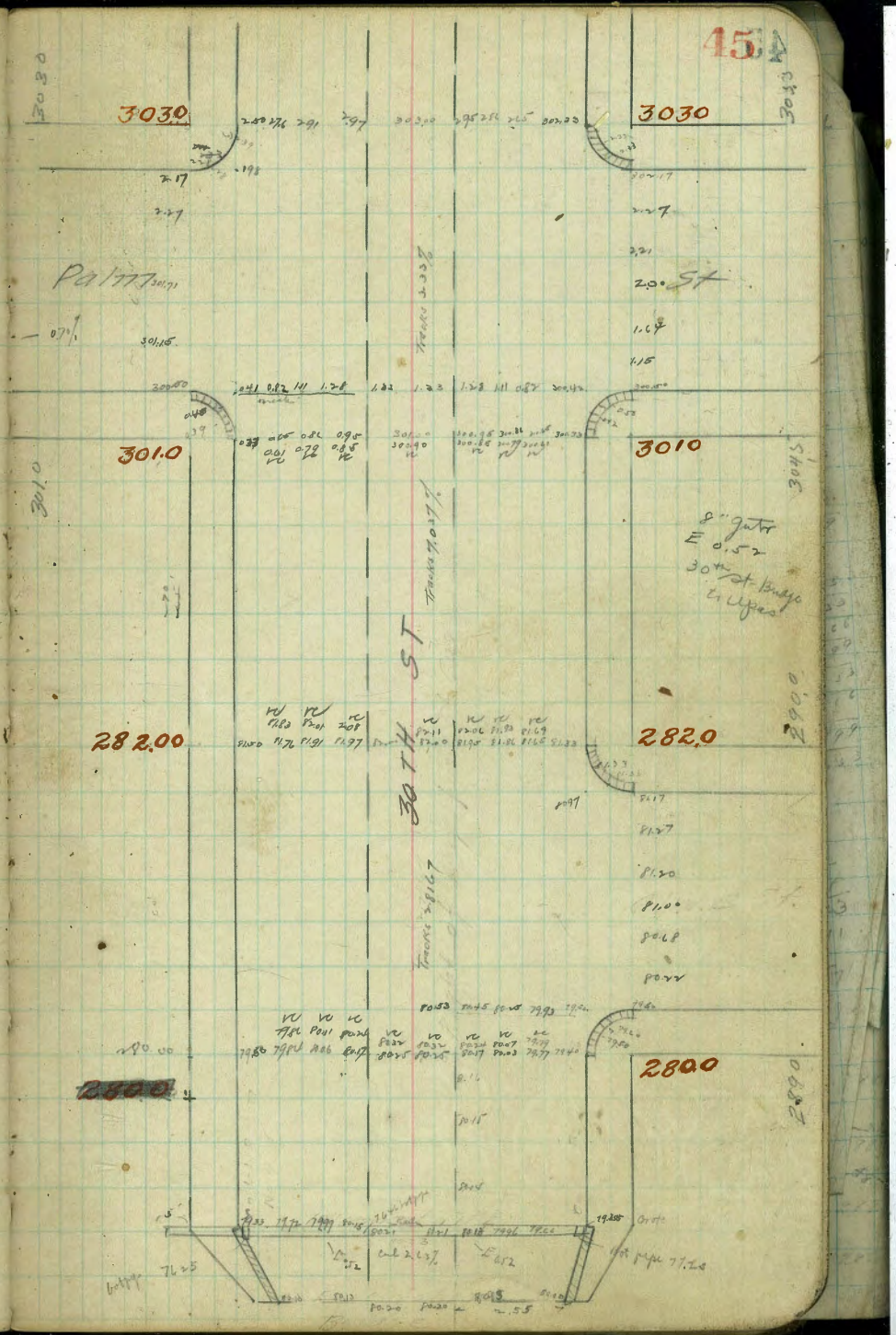
E Int of Laurel.



280.04 SW Cor Bridge Tack in Lead.

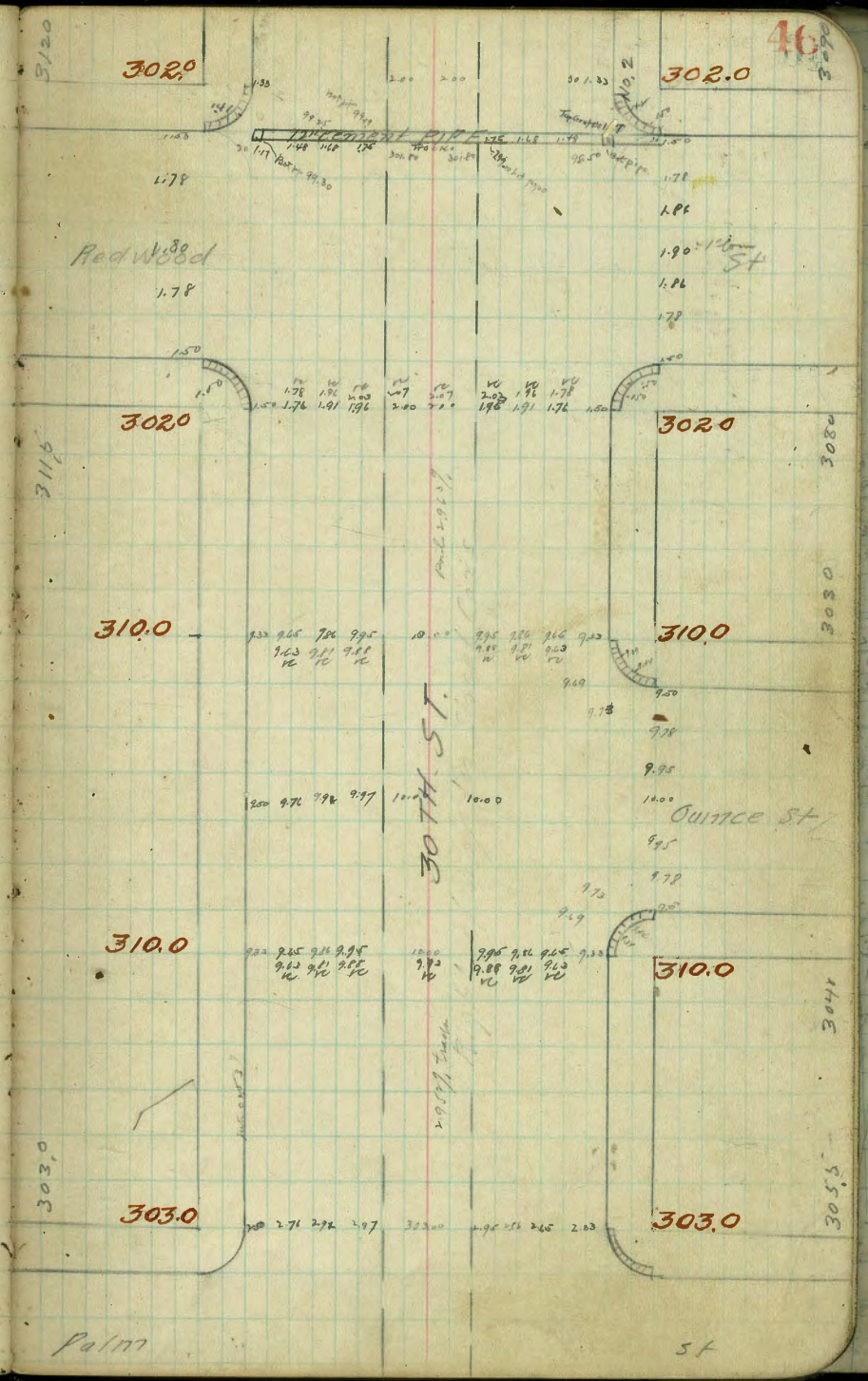


280.75 Mon NE Cor Bridge | 301.00 SW 30th & Palm Plg rt.



310.09 SW Quince Plg in ct.

302.06 SW. Redwood plg in Ct.



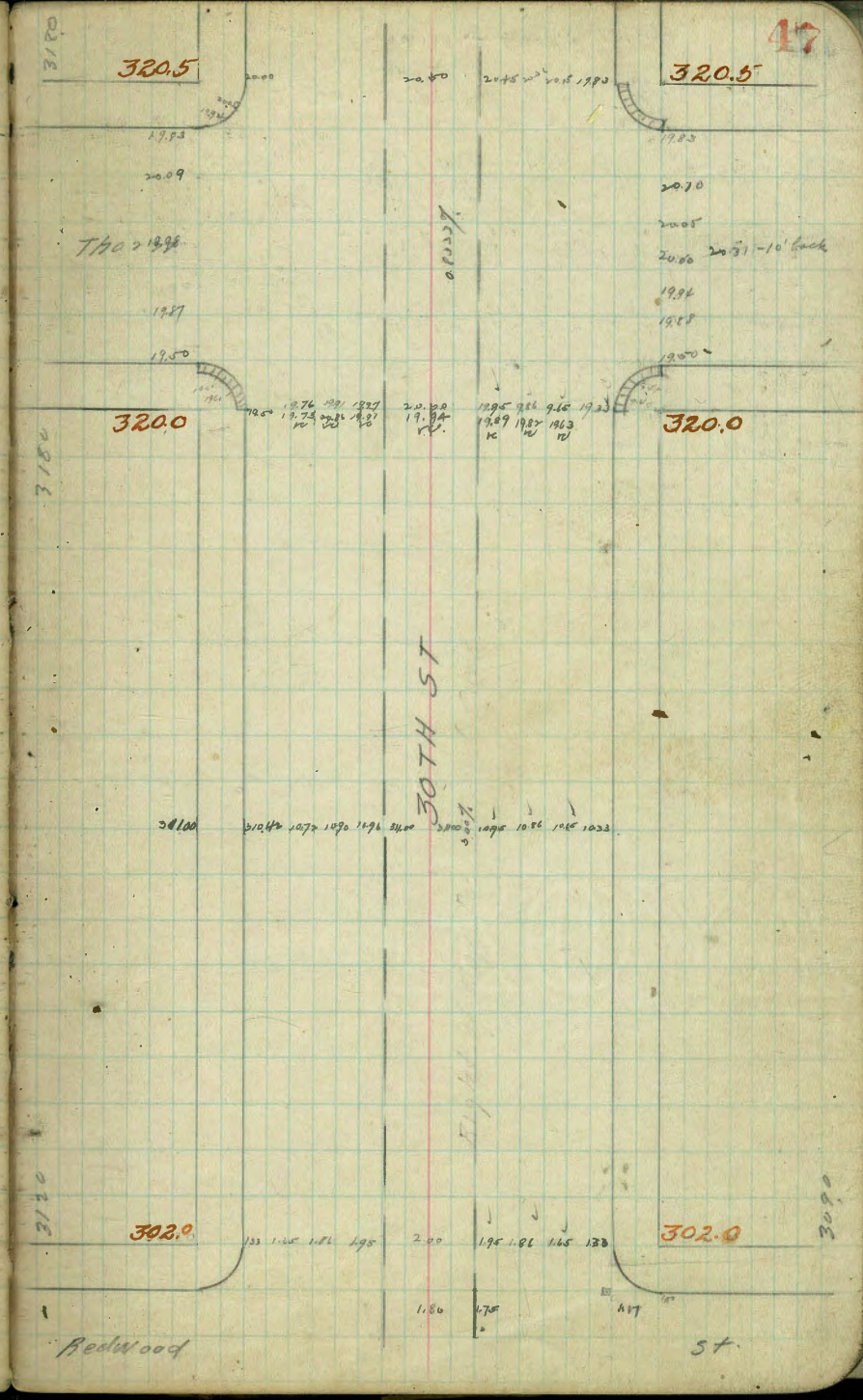
320.02 S.W. 30th Thorn Plg in Ch

310.61 Nail in E. Ch. 285 N. of Redwood.

302.06 S.W. R.E. 30th
3.91
305.87 H.I.

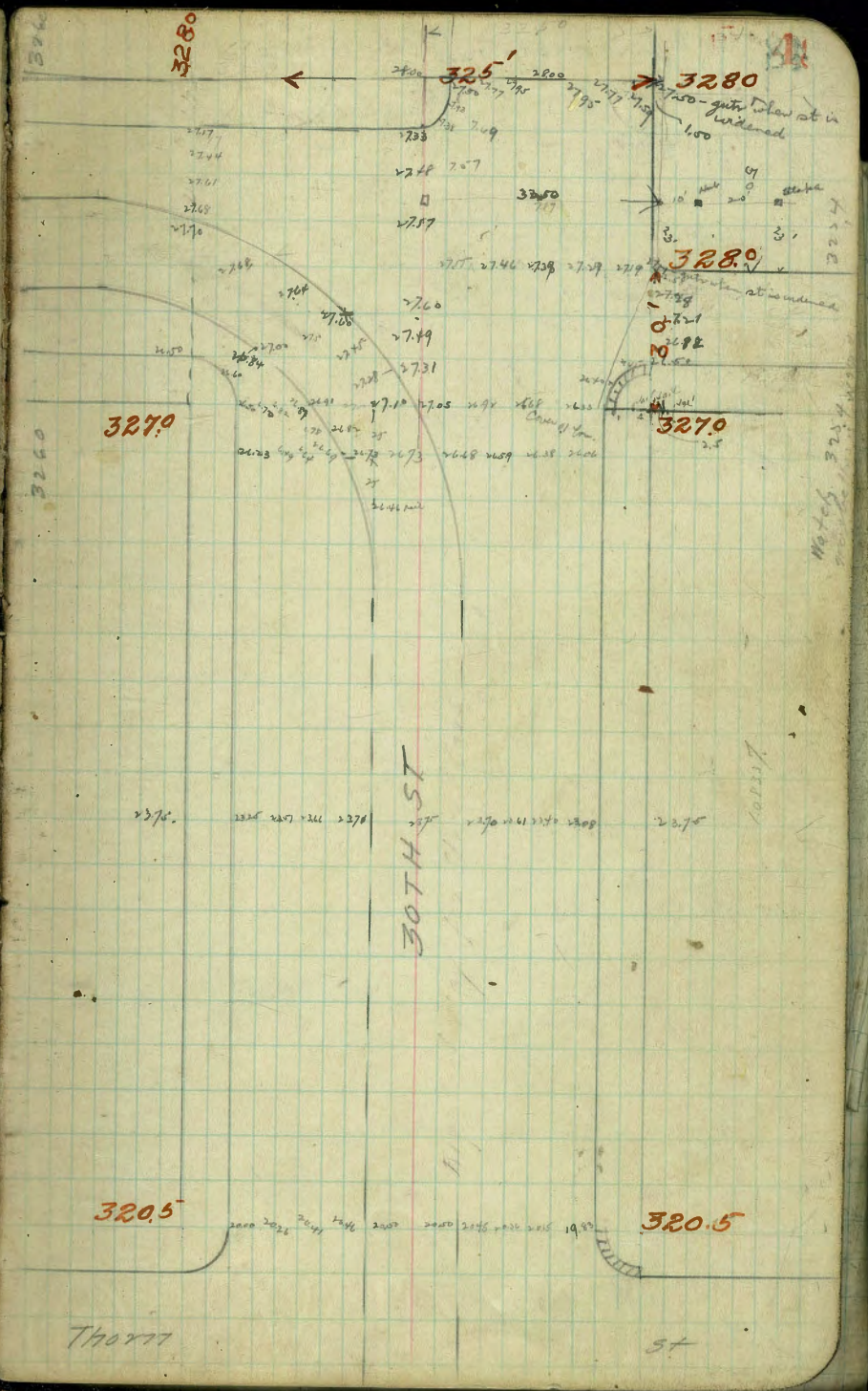
310.61 Nail B.M.
4.09
314.69 H.I.

320.02 B.M.
4.56
323.58 H.I.

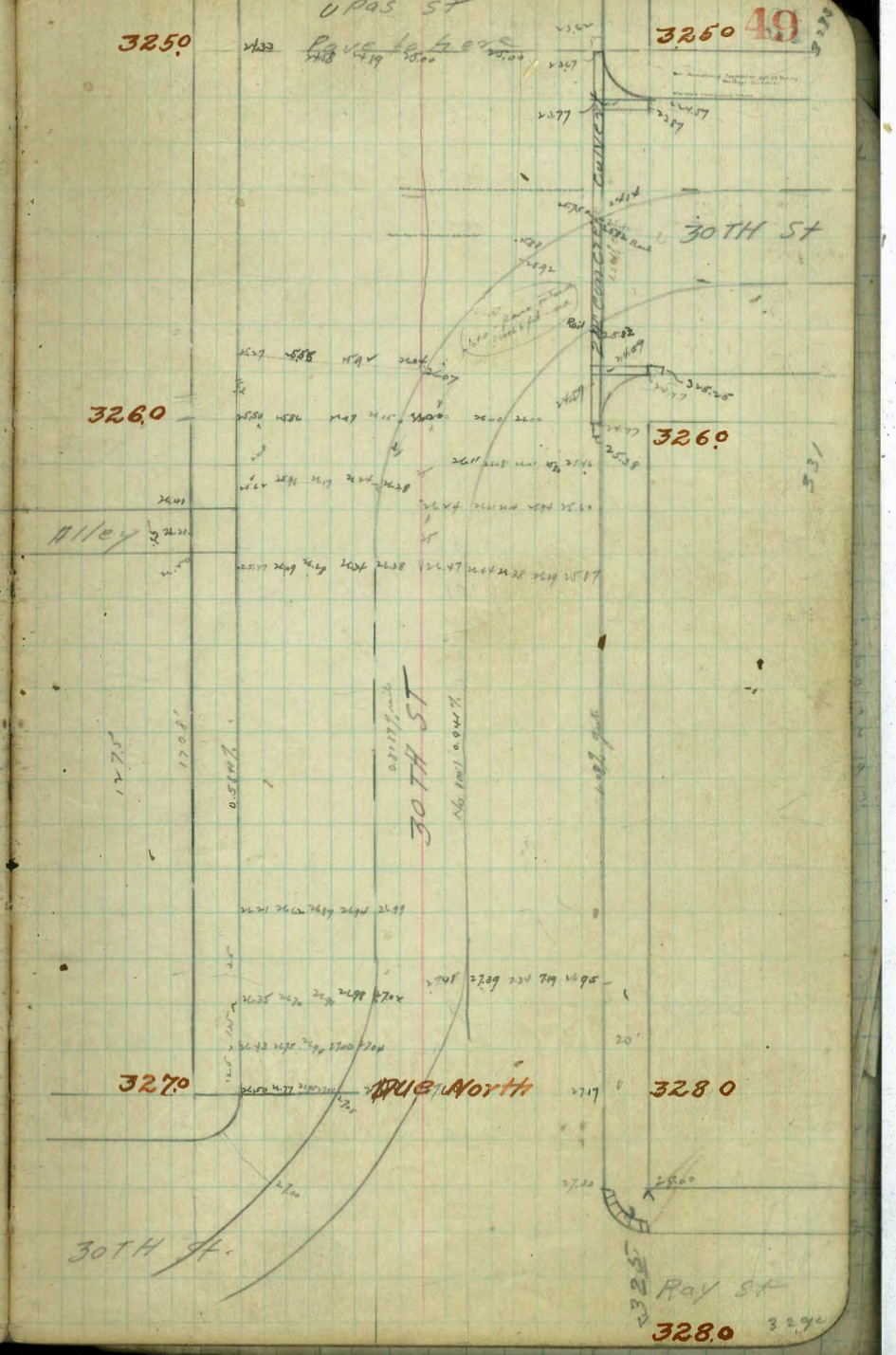


327.01 SW Upas - 50 plg inch.

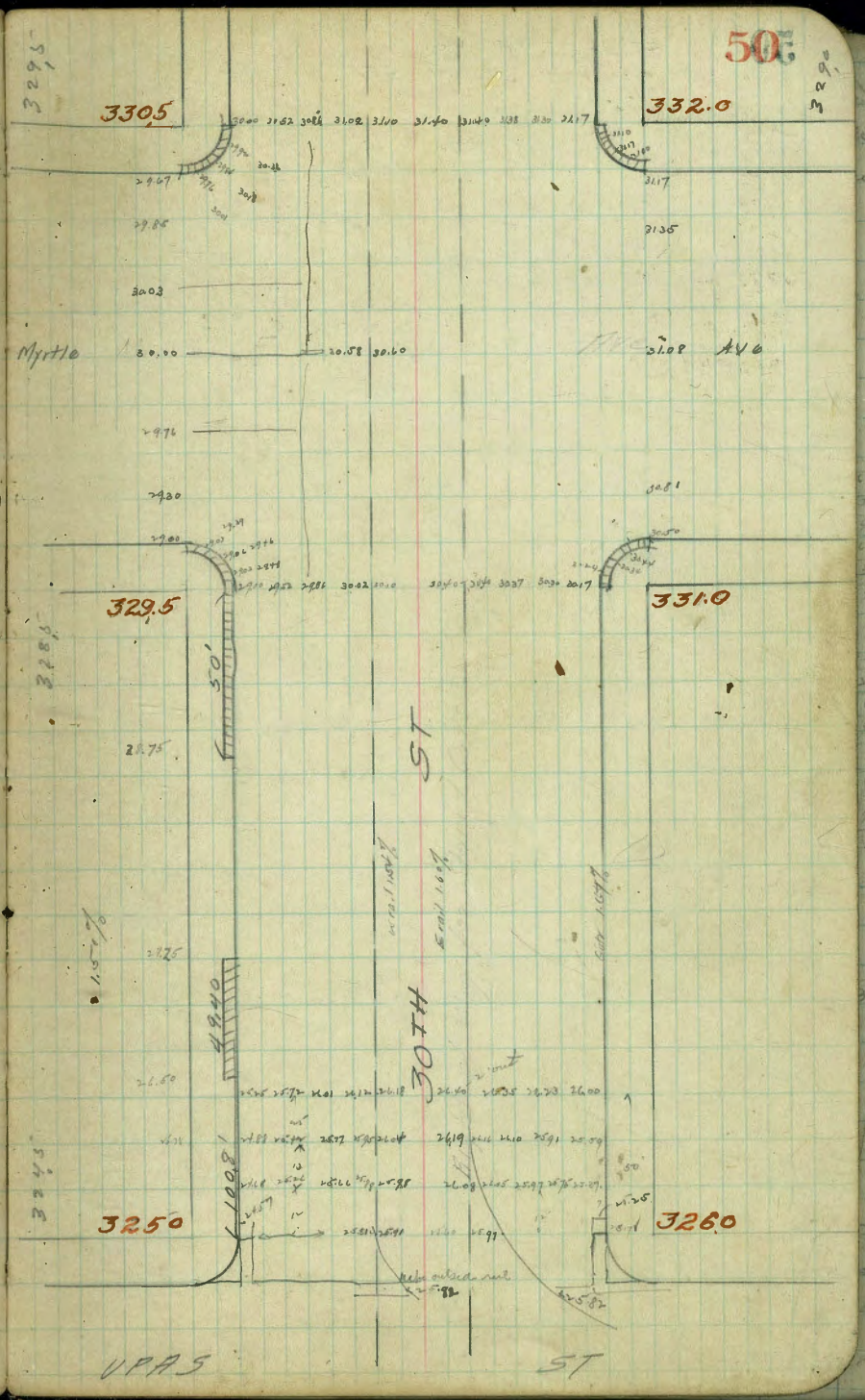
23.82 - BM. Nail in Ecc. 30' No Thorn



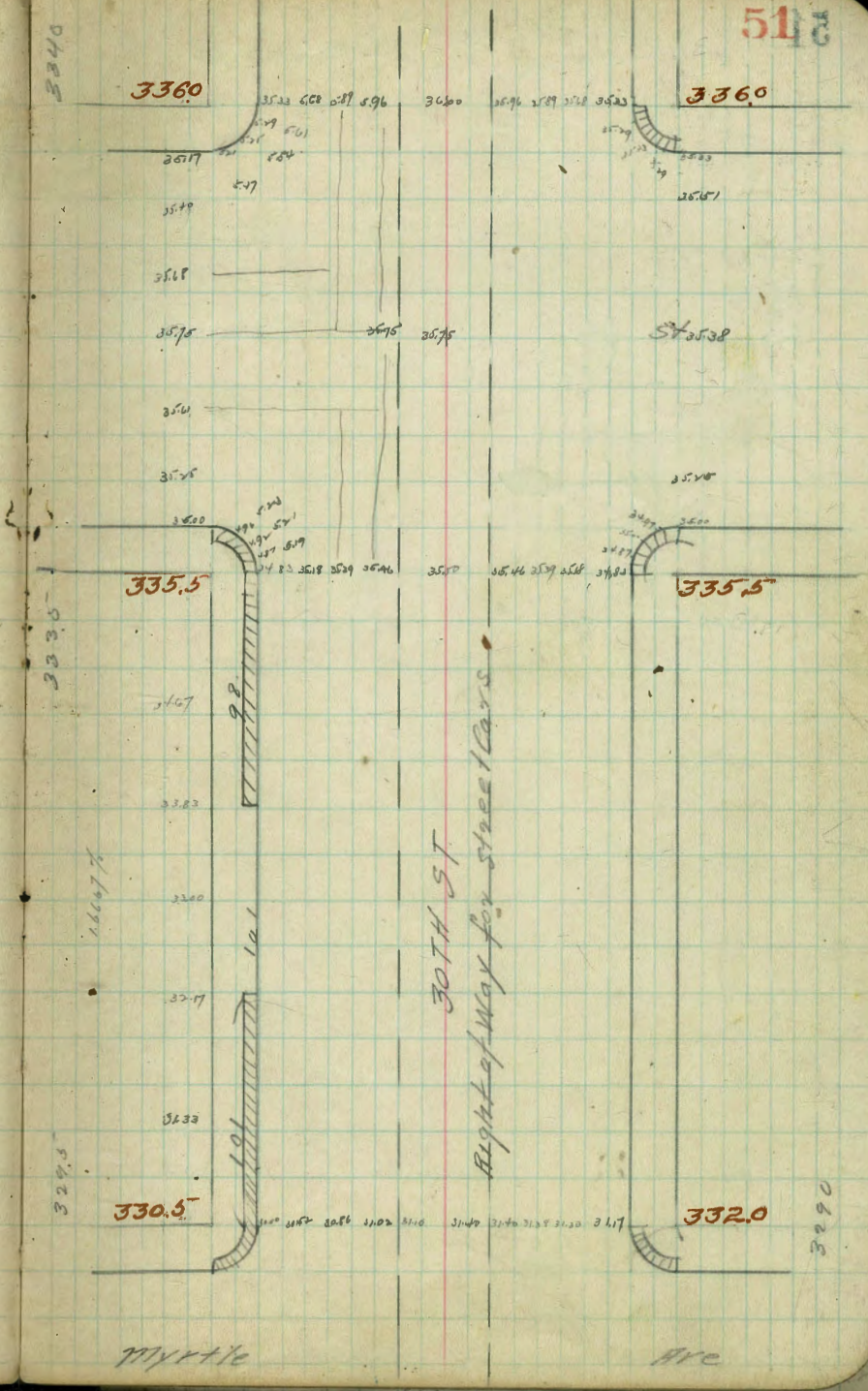
326.04 NE Upas No. Plat



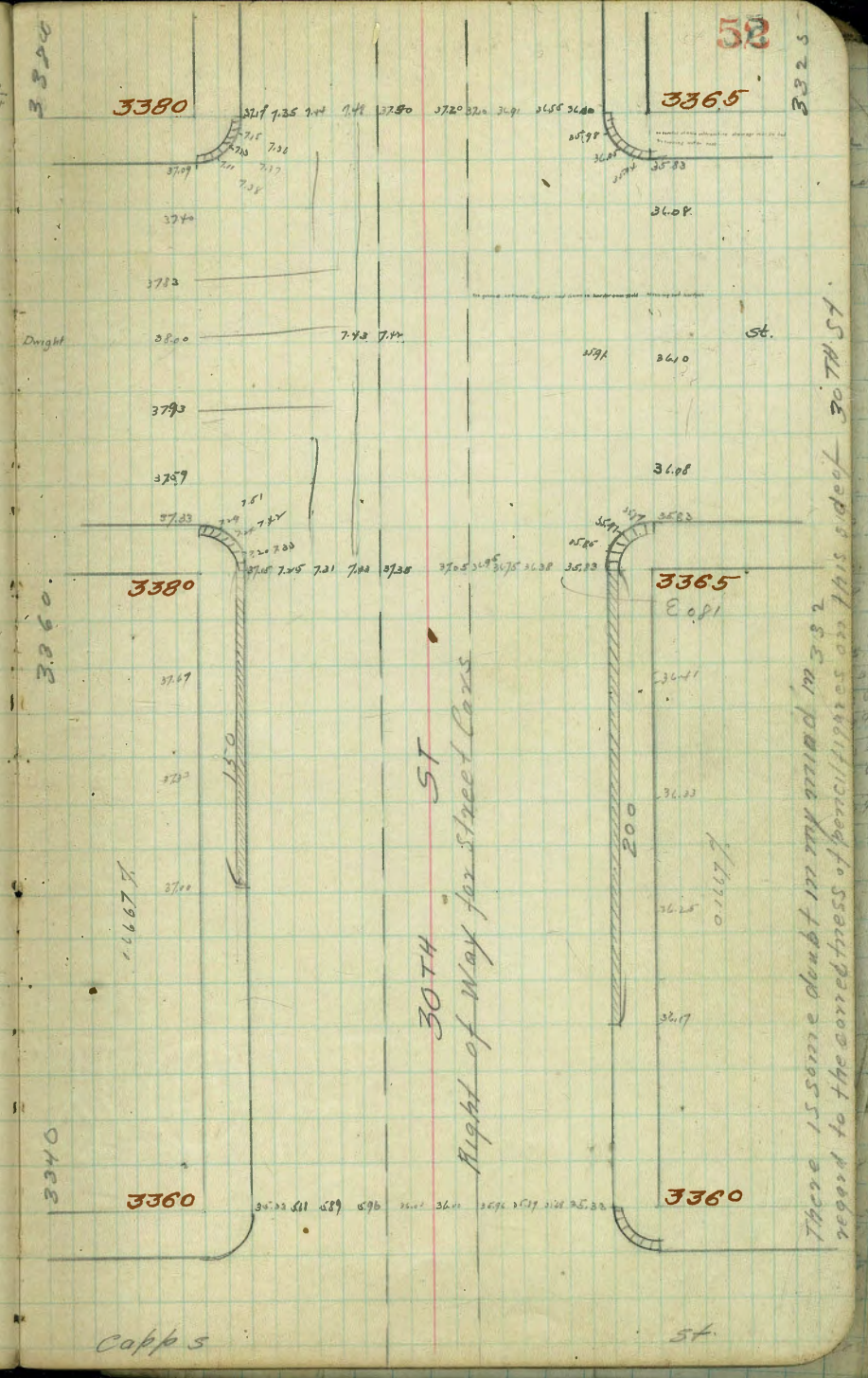
332.02 NE Myrtle Plat



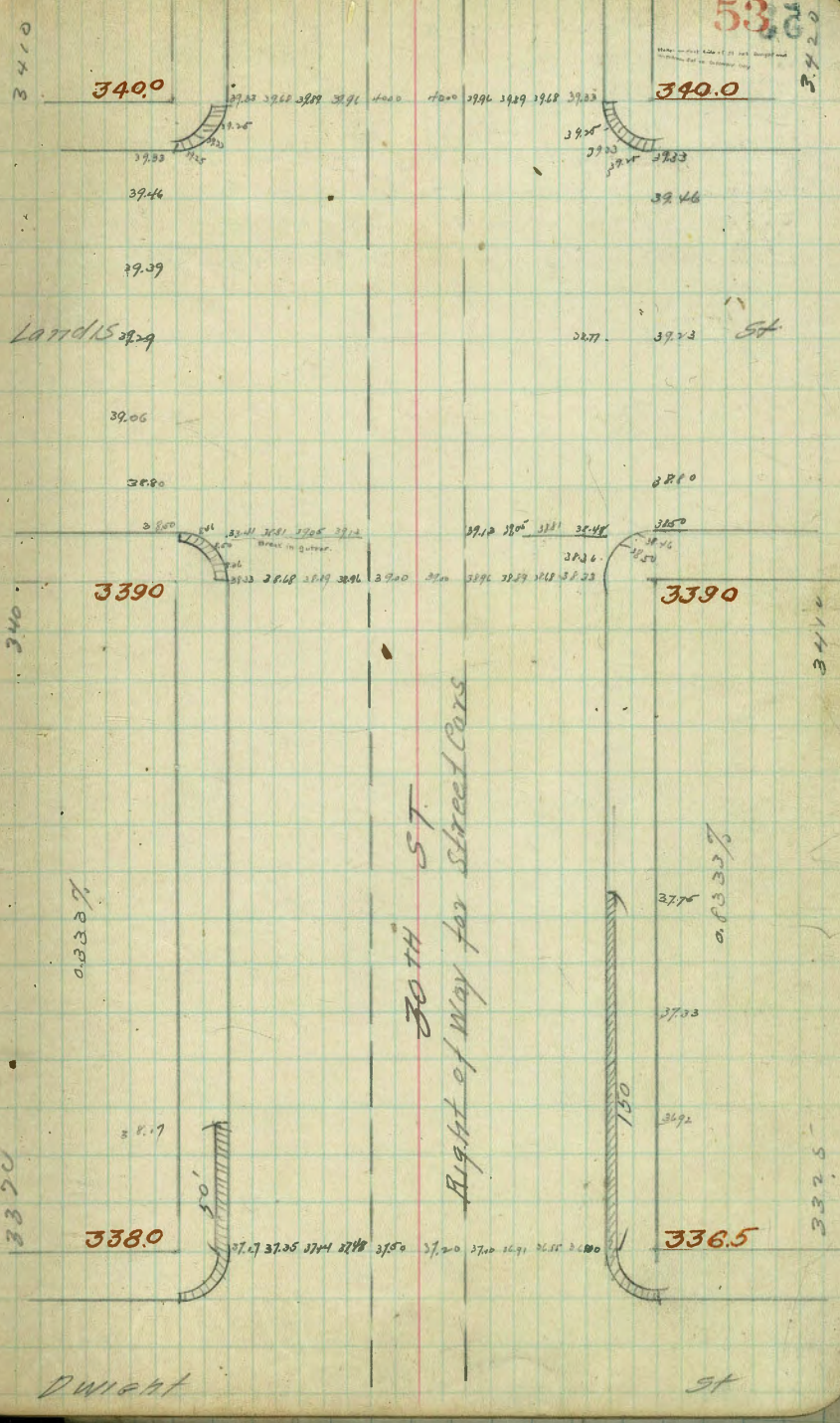
336.76 SE Epps Mon.



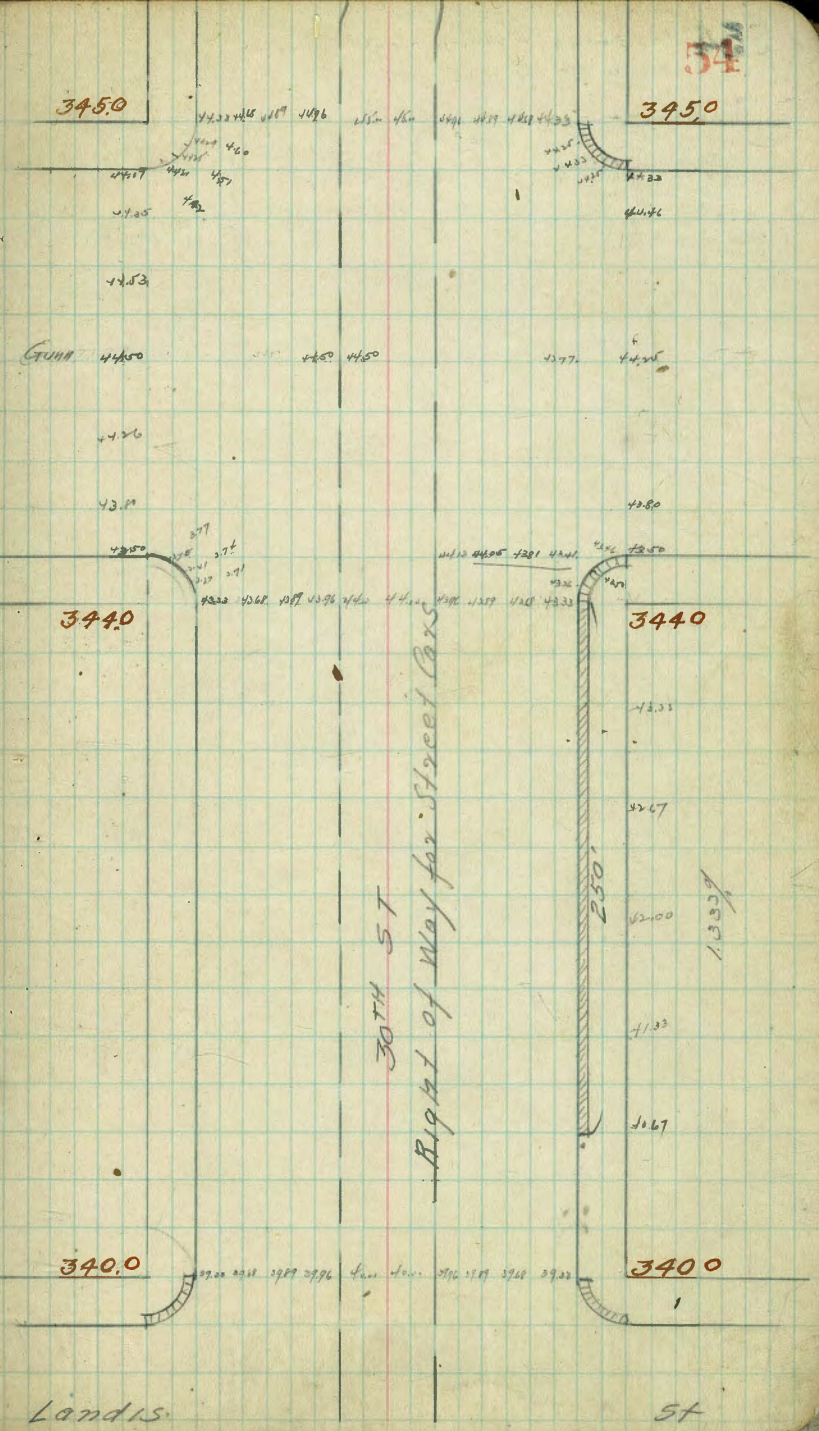
339.14 N.E Dwight Top Hydt



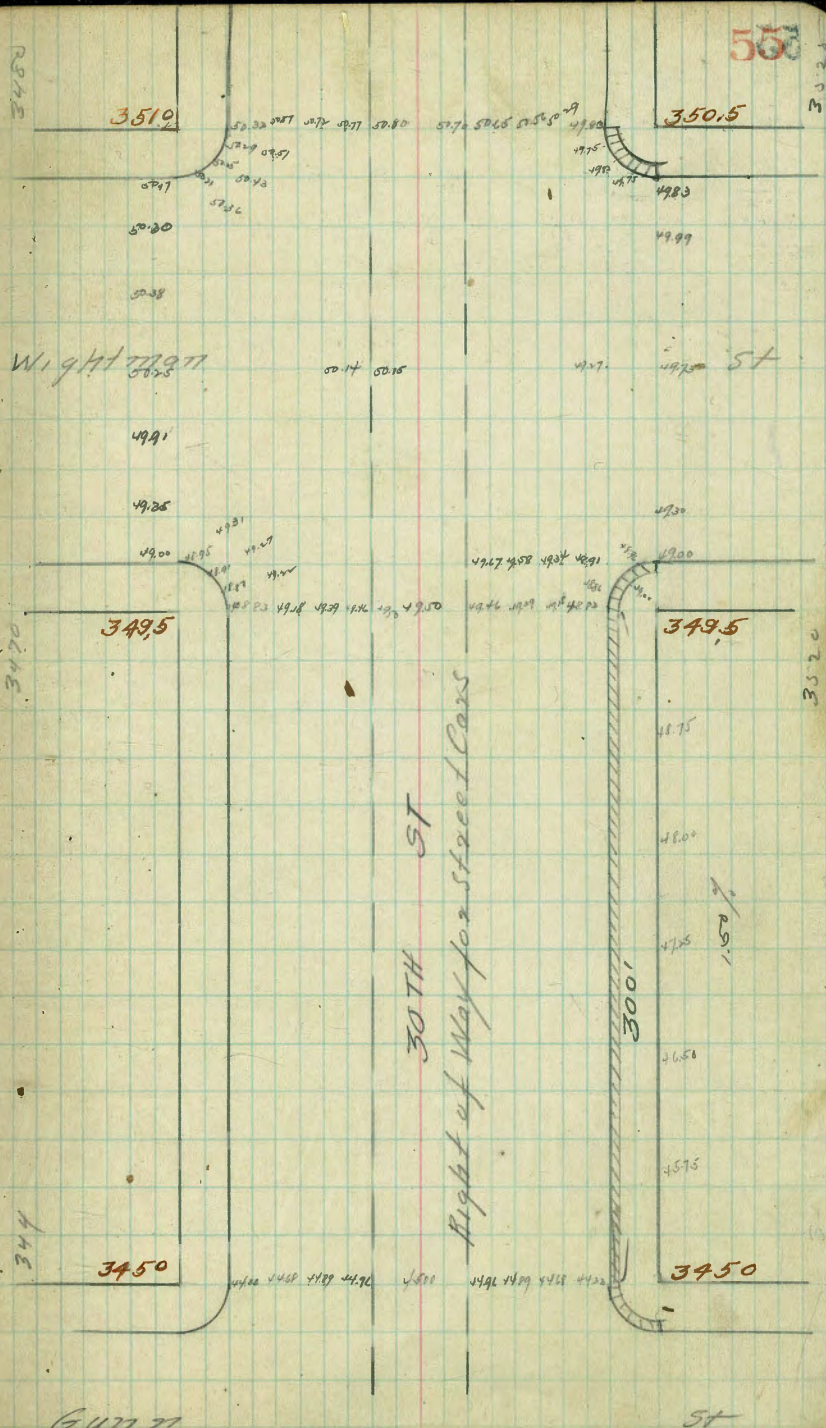
339.10 SE Landis plg in ct.



344.02 SW Gunn Pg rt



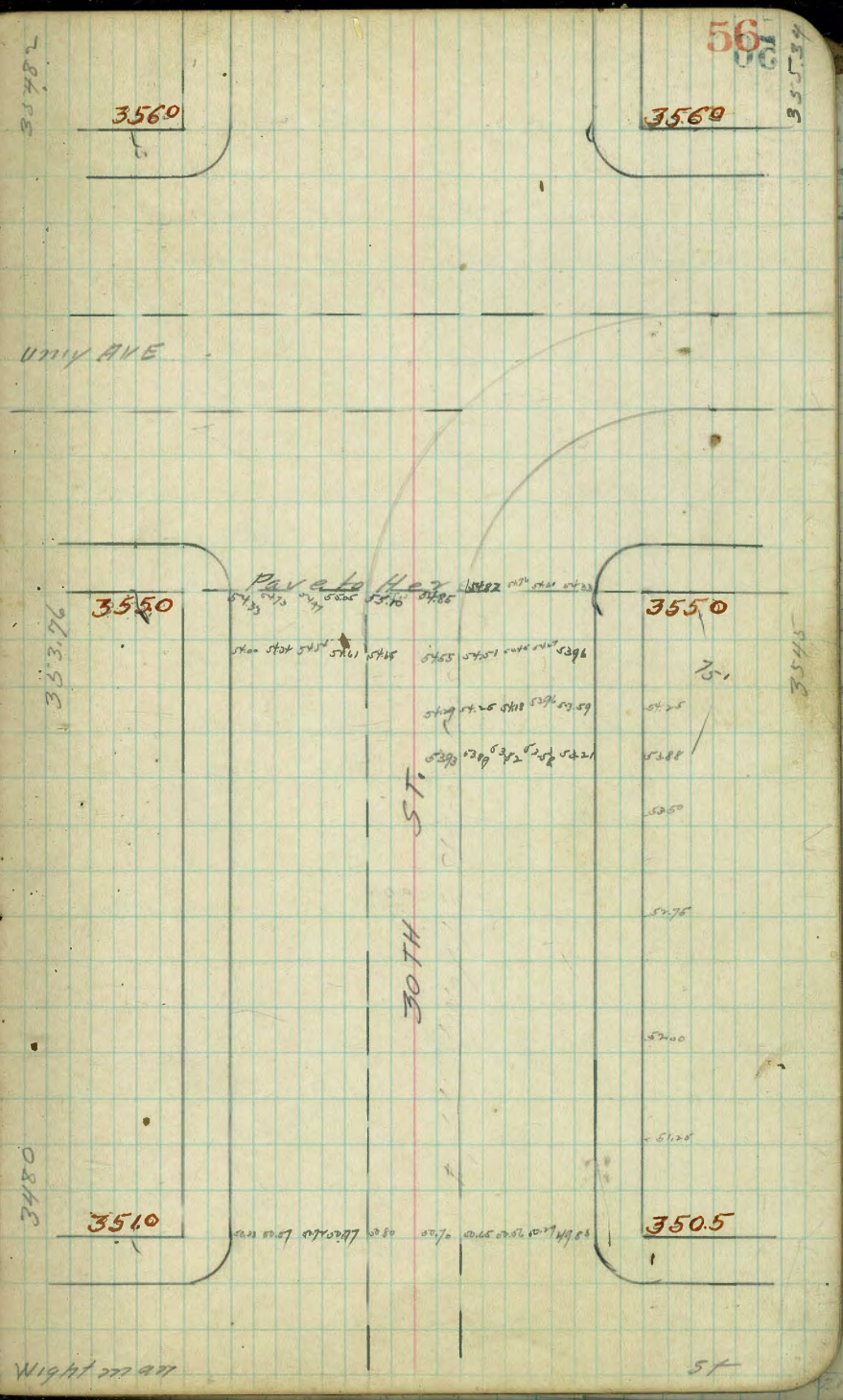
349.52 SW Wightman Plg ob.



355.01 – Tofit Univ Ave Benches
355 SW Univ. Ave Plgrt.

49.52
7.31
56.83 HT
355.01
3.915

55.01
3.21
54.22 HT
55.01
3.49
58.50 HT



BMs on 30th South from Mon at Elm St.

+	HI	−	Elev
1.01	258.24		257.23 Mon SE 30th & Elm
0.68	251.19	7.73	250.51
1.835	242.510	10.515	240.675
		5.38	237.13 BM SW Date
0.37	233.51	9.37	233.14
3.035	228.440	8.105	225.405
4.36	229.295	4.505	223.935
		4.190	224.105 SE 30th & Cedar
4.31	227.64	4.965	223.330
4.76	227.41	4.99	222.65
		5.81	221.60 NW 30th & Beech
3.015	223.115	7.31	220.10
3.875	218.750	8.240	214.875
		4.135	214.615 NE Beech & Dale
2.48	213.63	7.60	211.15
4.52	210.84	7.31	206.32
		4.195	206.645 NE 29th Beech
5.64	211.67	4.81	206.03
7.12	214.71	4.08	207.59
6.89	219.68	1.92	212.79
		3.14	216.54 NE 28th Beech Plug
		2.97	216.71 " " " Spk

From 28th Ash -

5.51	219.01		213.50 NE Ash
5.945	220.625	4.33	214.68
		4.17	216.455 NE 28th Beech plg
1.665	215.570	6.72	213.905
		7.09	208.48 NW Beech & Granada

36.86
607
42.93 HI

5.815
37.115

6.015
227.130

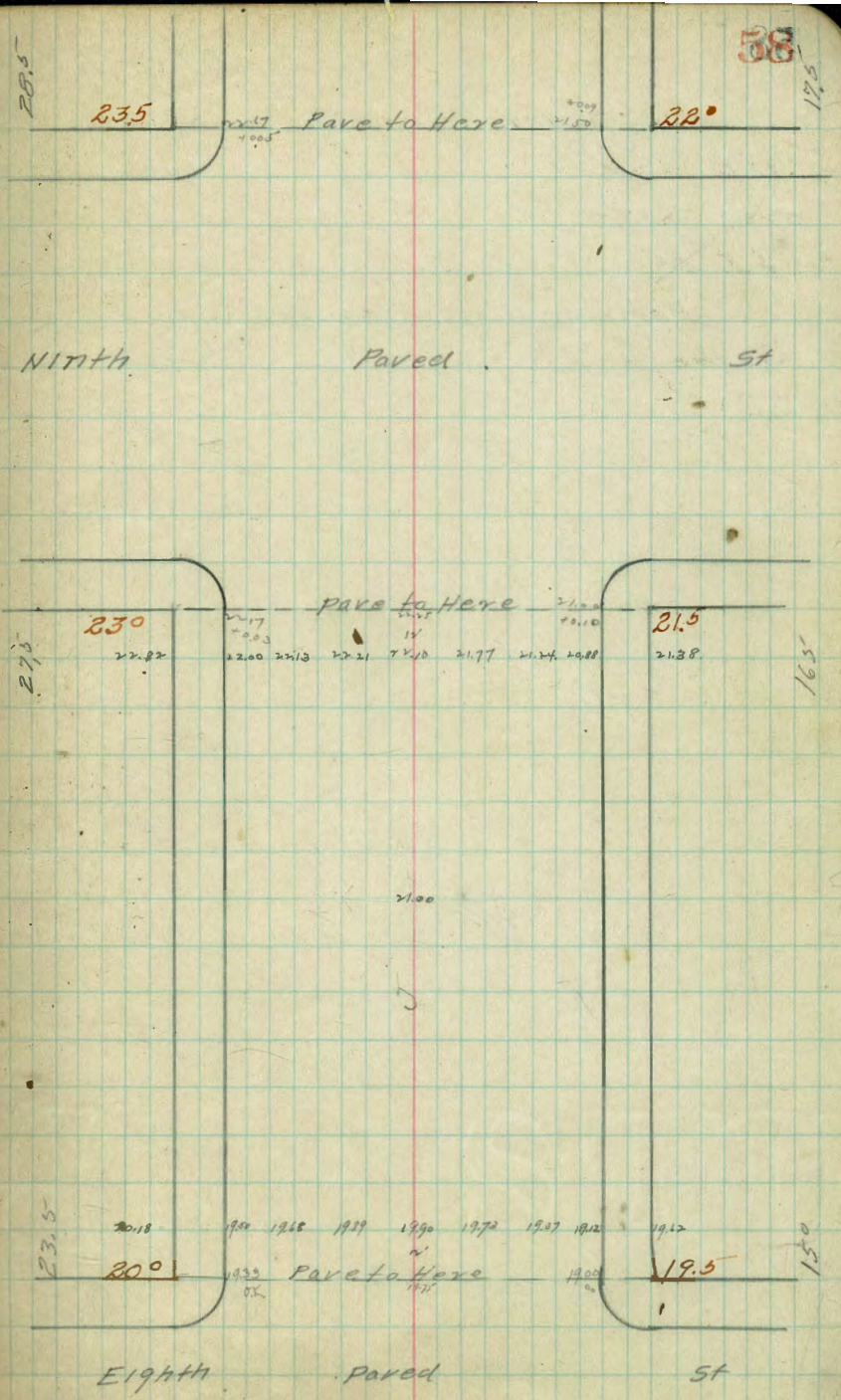
5.065
268.08
273.145 HI

J St Grades ——

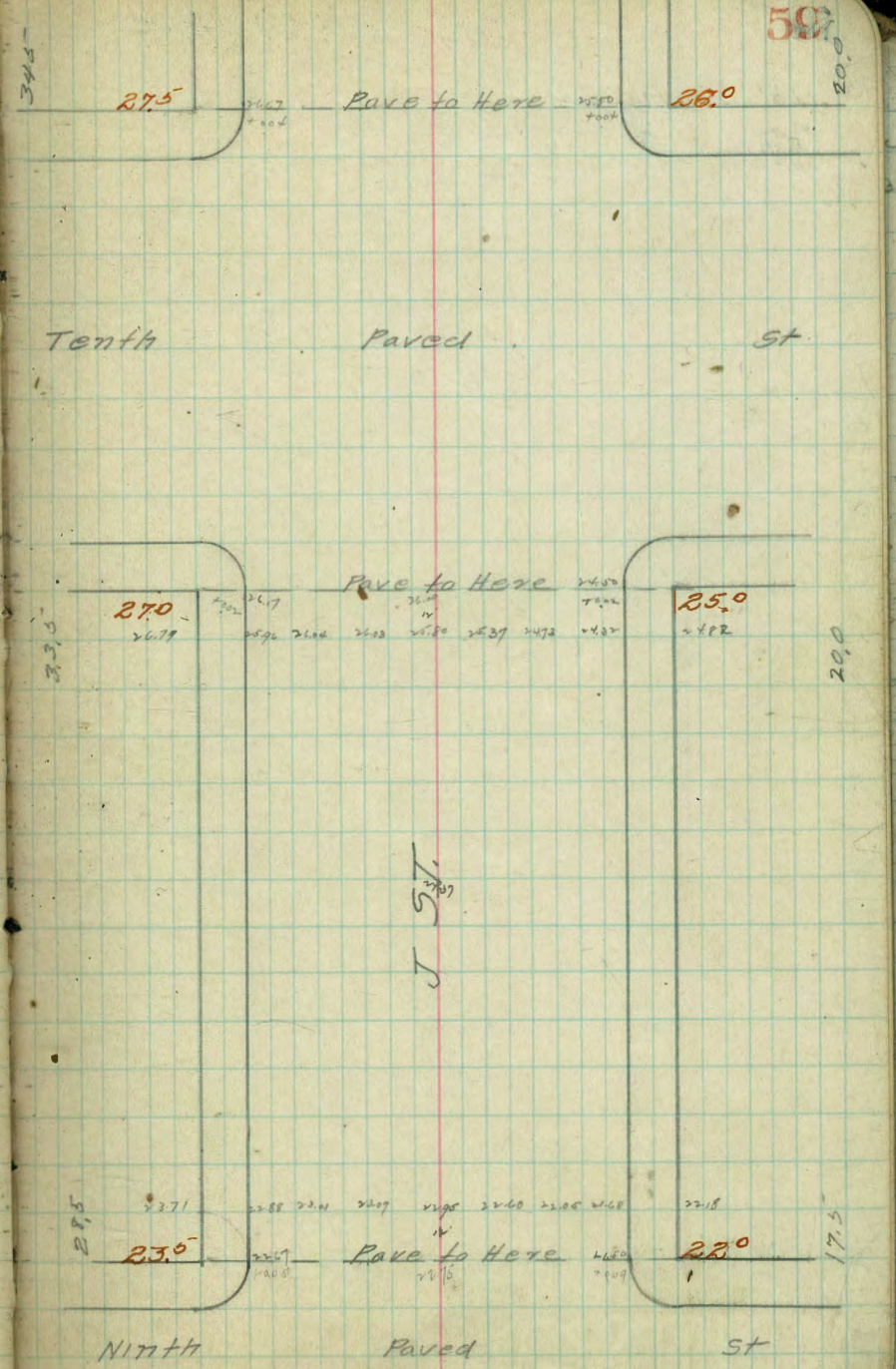
Note Pencil Grades on the North are the profile grades of the south Line of I St.

Pencil Grades on the South are the profile grades of the North Line of K. ST.

8th N.W. Plg 19.00 9th N.W. Plg 23.04



10th N.W. Plg 2692



11th S.W. Pig 28.54

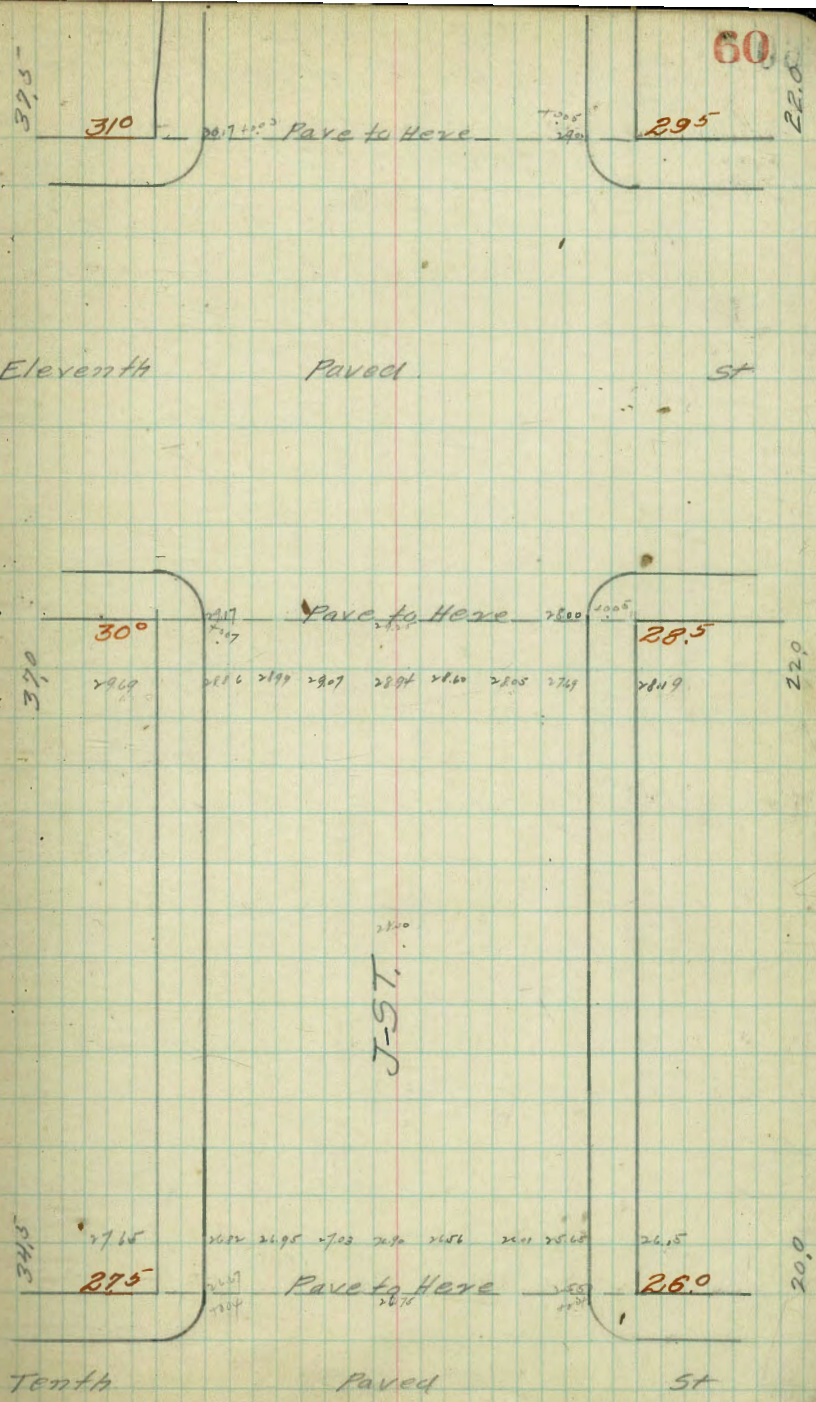
26.92	26.95	27.03	26.90	26.56	26.01
4.83	4.80	4.72	4.85	5.19	5.74
31.75 HI	28.05	28.60	28.94	29.07	28.90
	3.70	3.15	2.81	2.68	2.76

6.39 / 34.93 HI

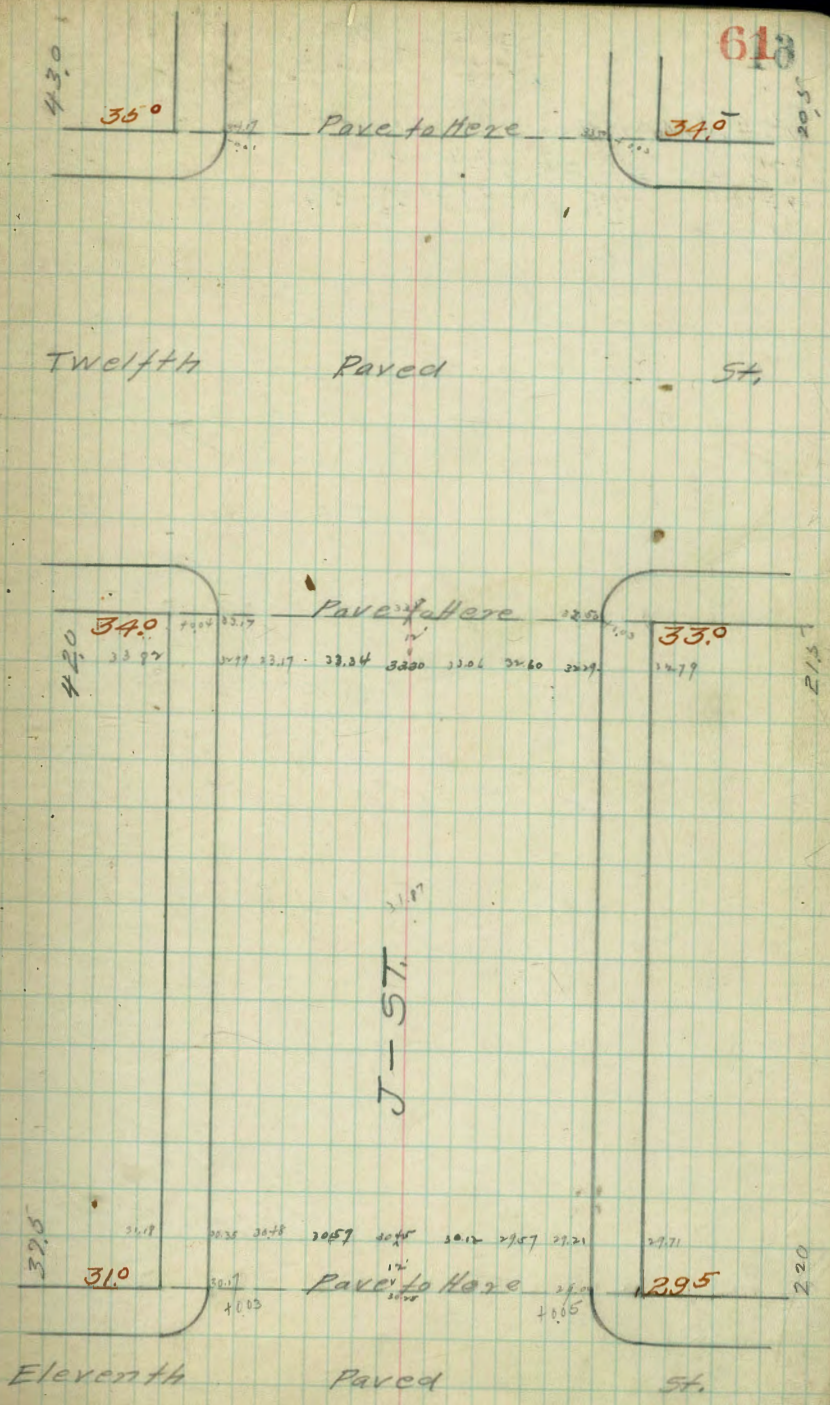
28.54 / 4.83 / 33.37 HI

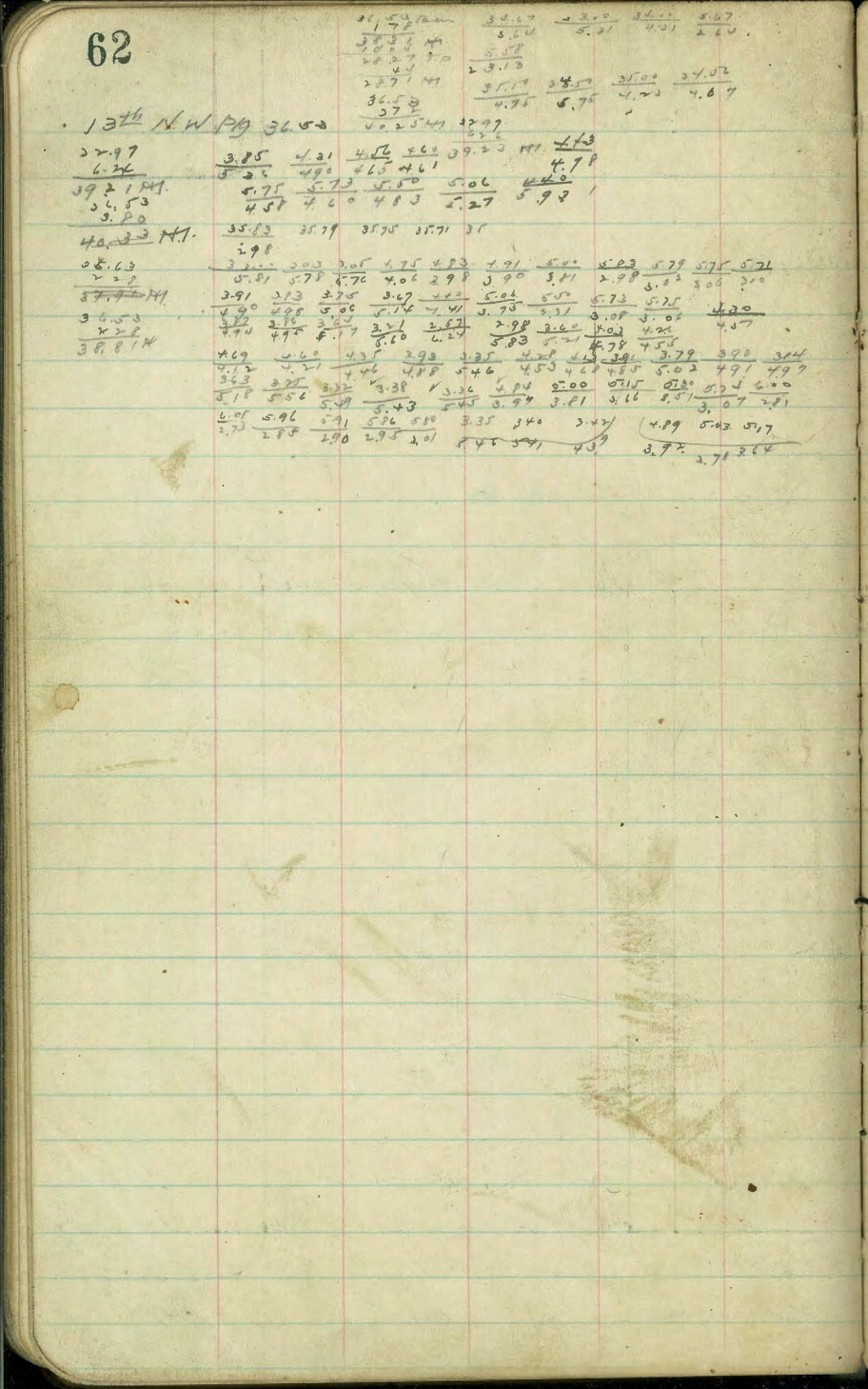
6.88 / 28.05 — 5.69 / 29.24 — 4.73 / 30.20 — 5.88 / 29.05

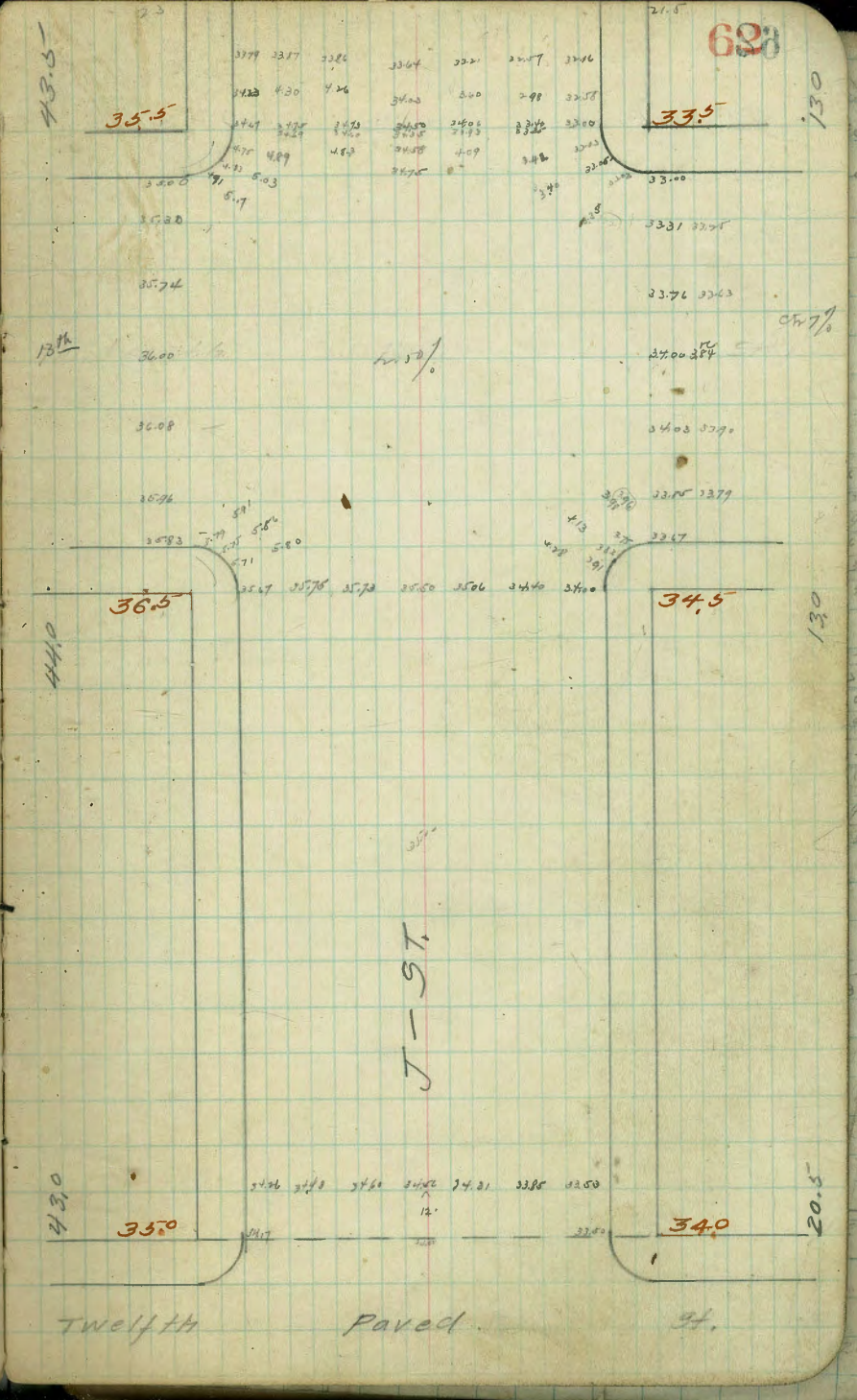
28.00 / 5.37 — 26.90 / 6.47



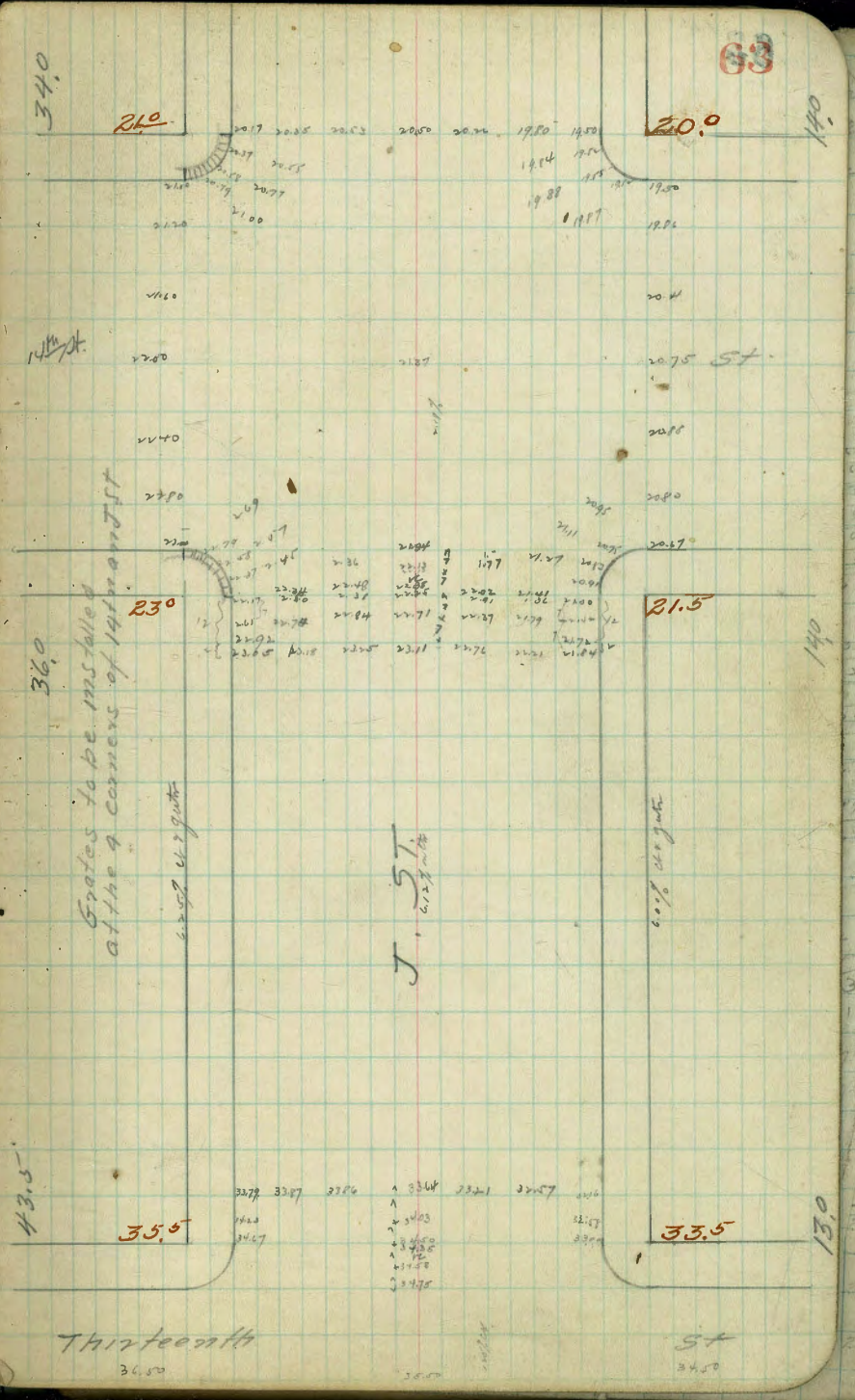
12th S.W. Plg 32.97





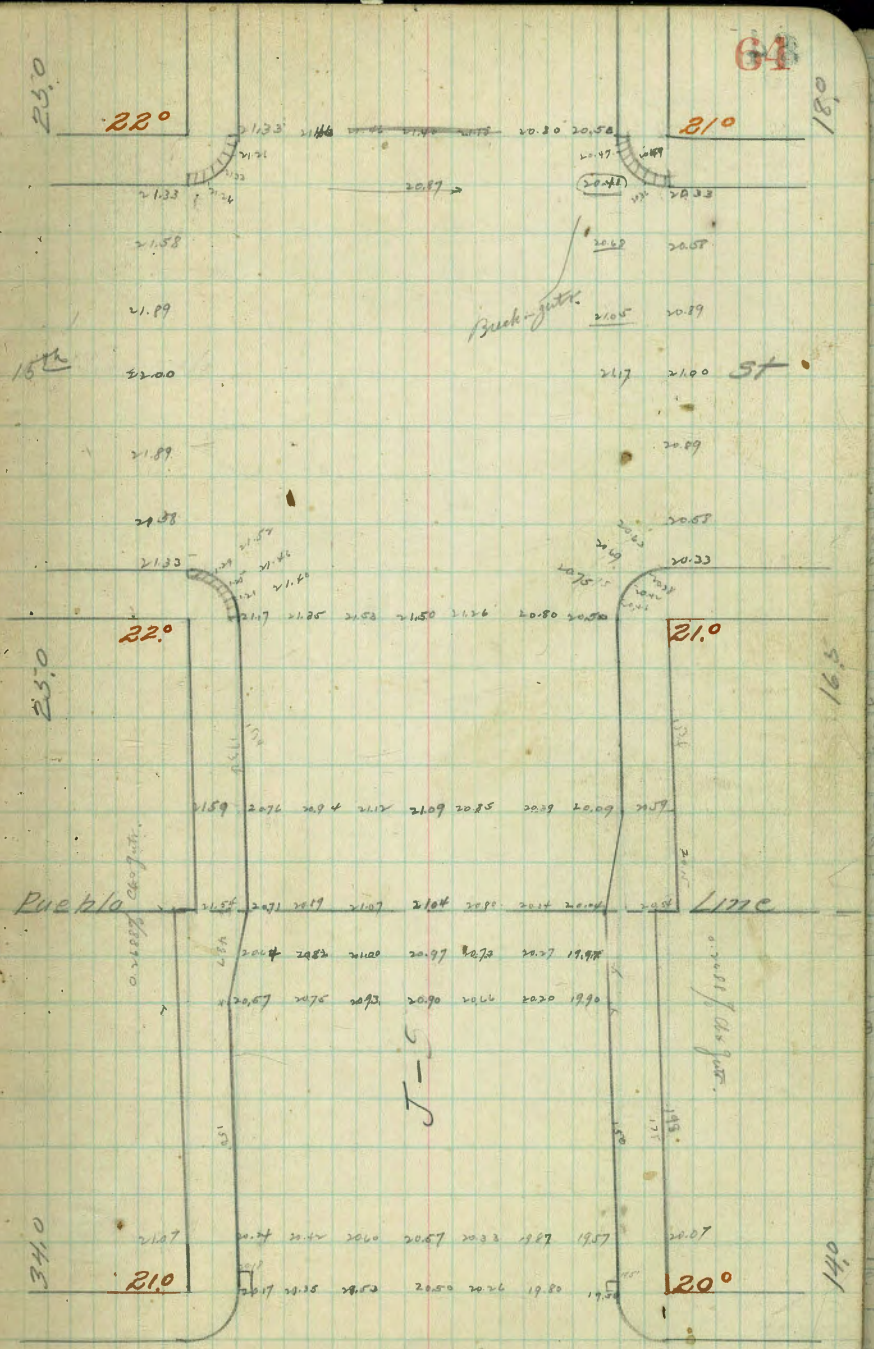

43.5
35.5
33.5
130
13th
44.0
36.5
34.5
130
J-ST.
43.0
35.0
34.0
20.5
Twelfth
Paved
St.

14th 23.13 NW. Pig.



15th SW 23.61 Top Hydt

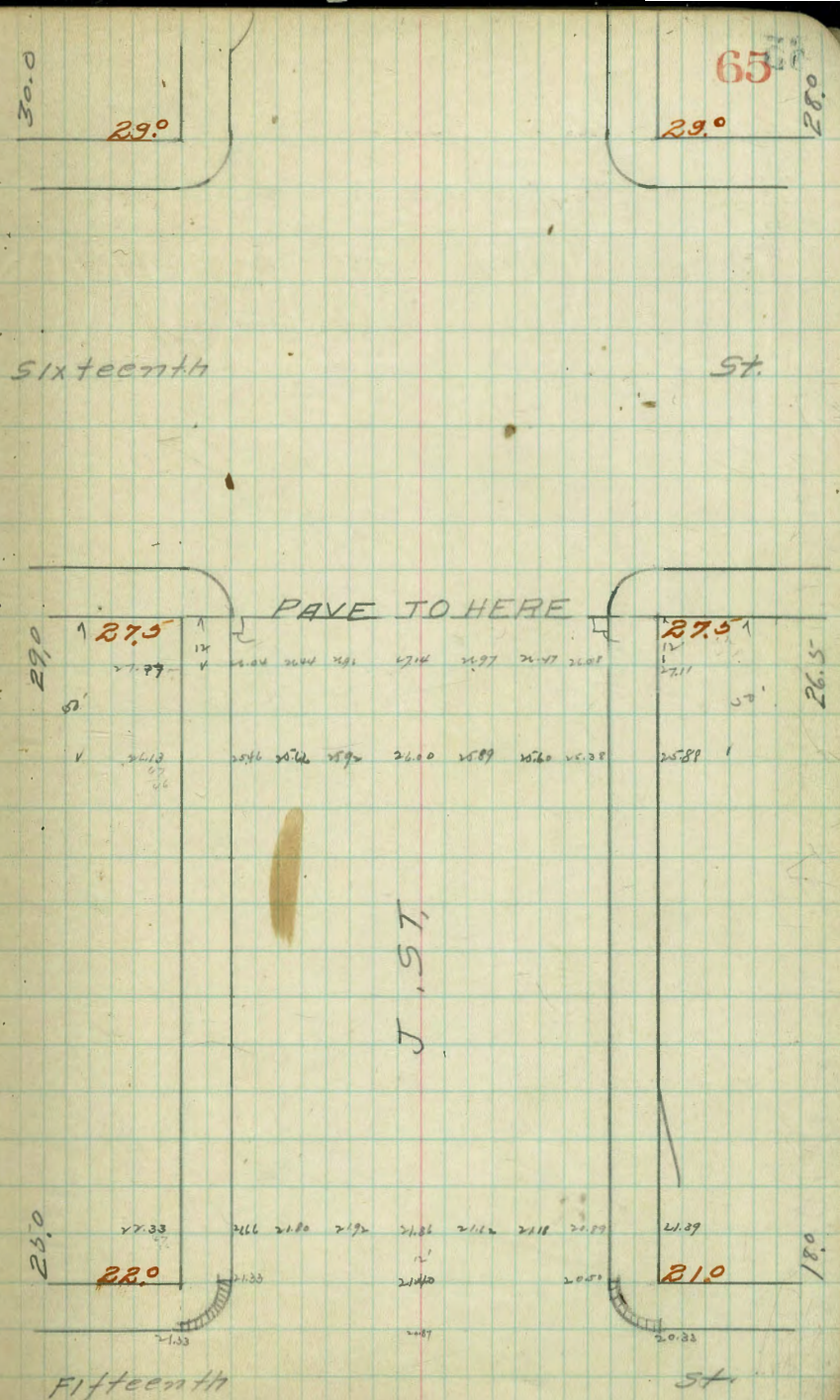
15th N. Wpig 21.96

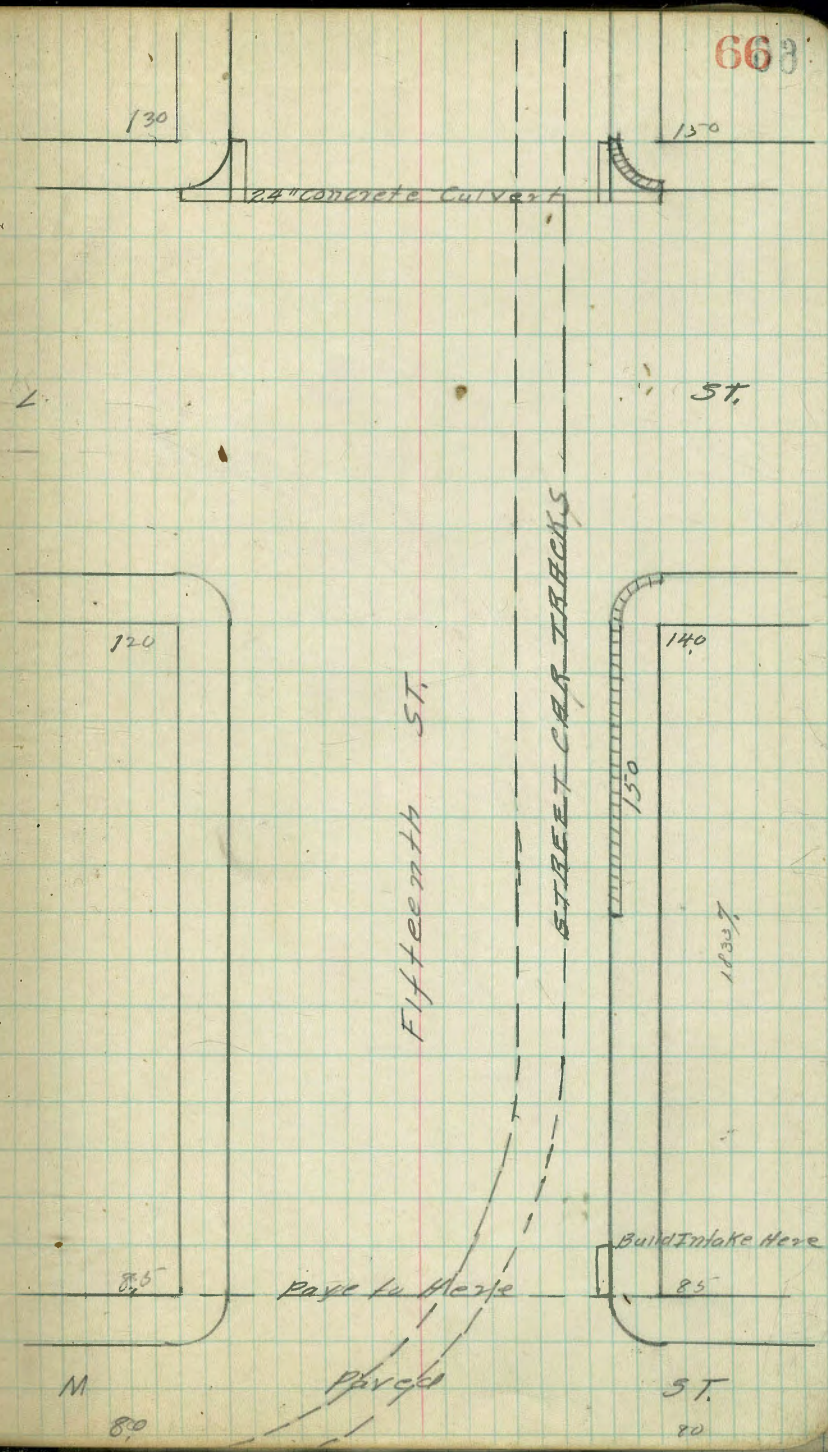


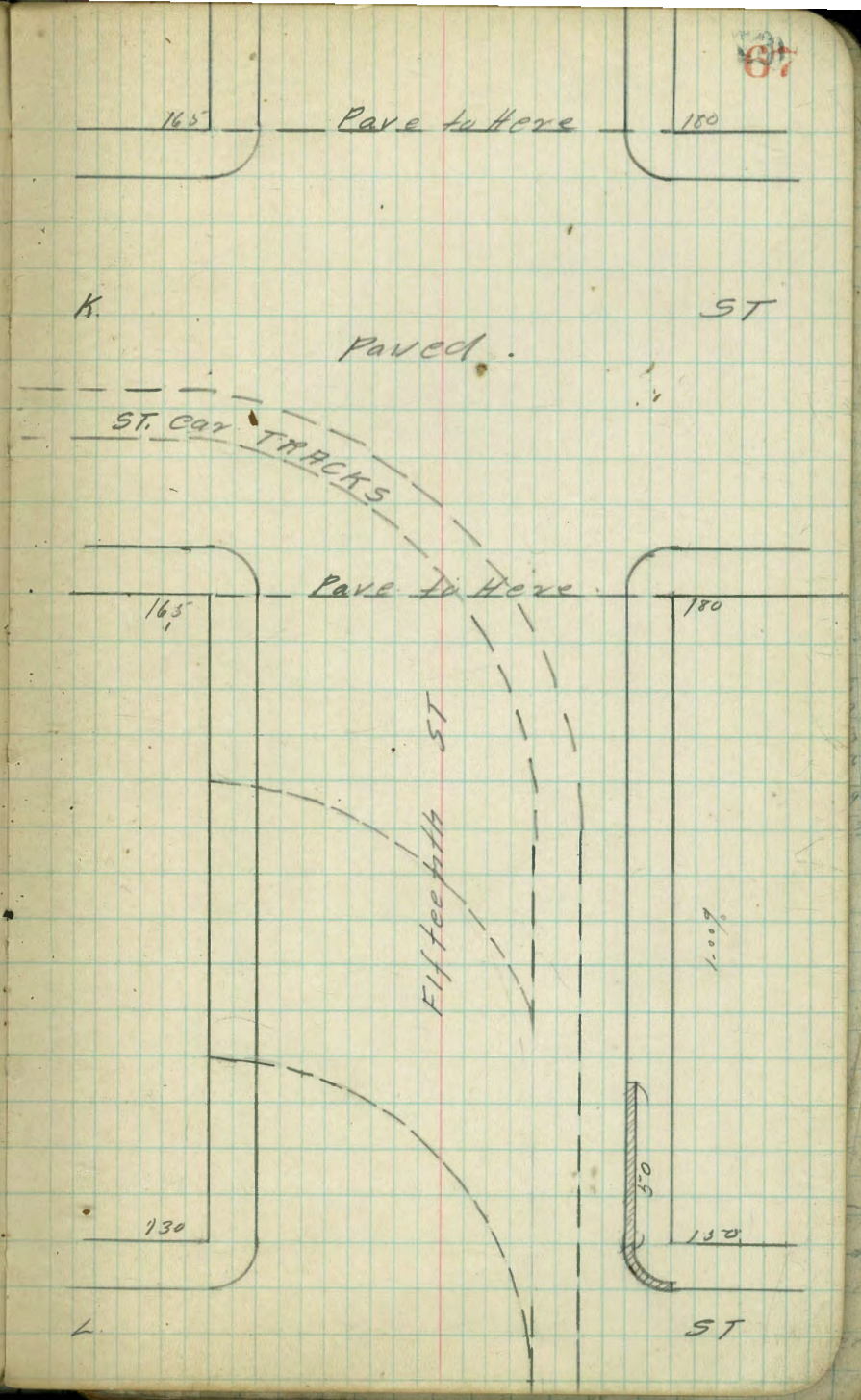
16th N.E Plg 28.93 3.23 / 32.16 Hs 25.46 / 6.70 25.38 / 6.78

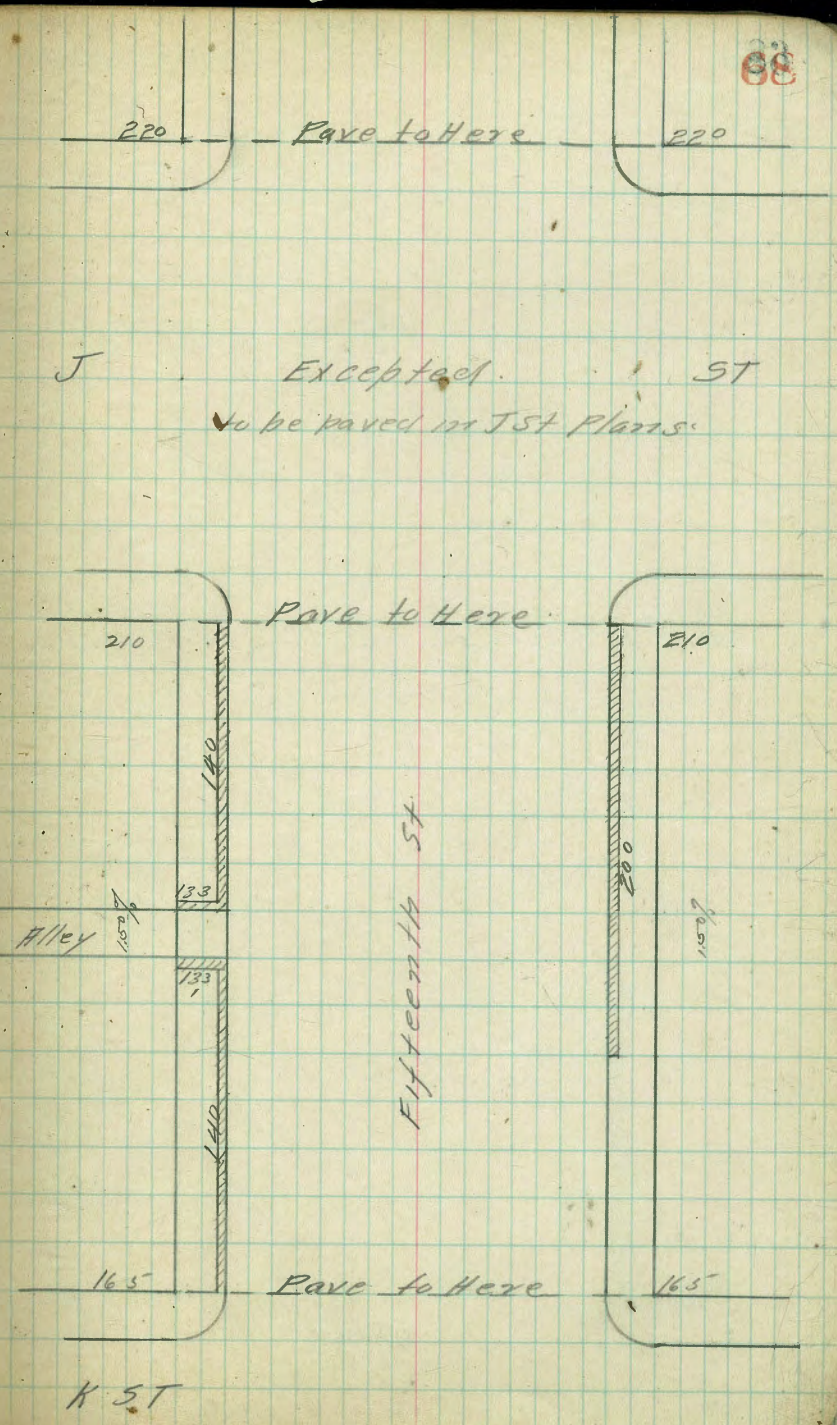
23.61 / 3.57 / 27.18 Hs
28.93 / 2.31 / 31.24 Hs
25.66 / 30.96 Hs
25.81 Hs

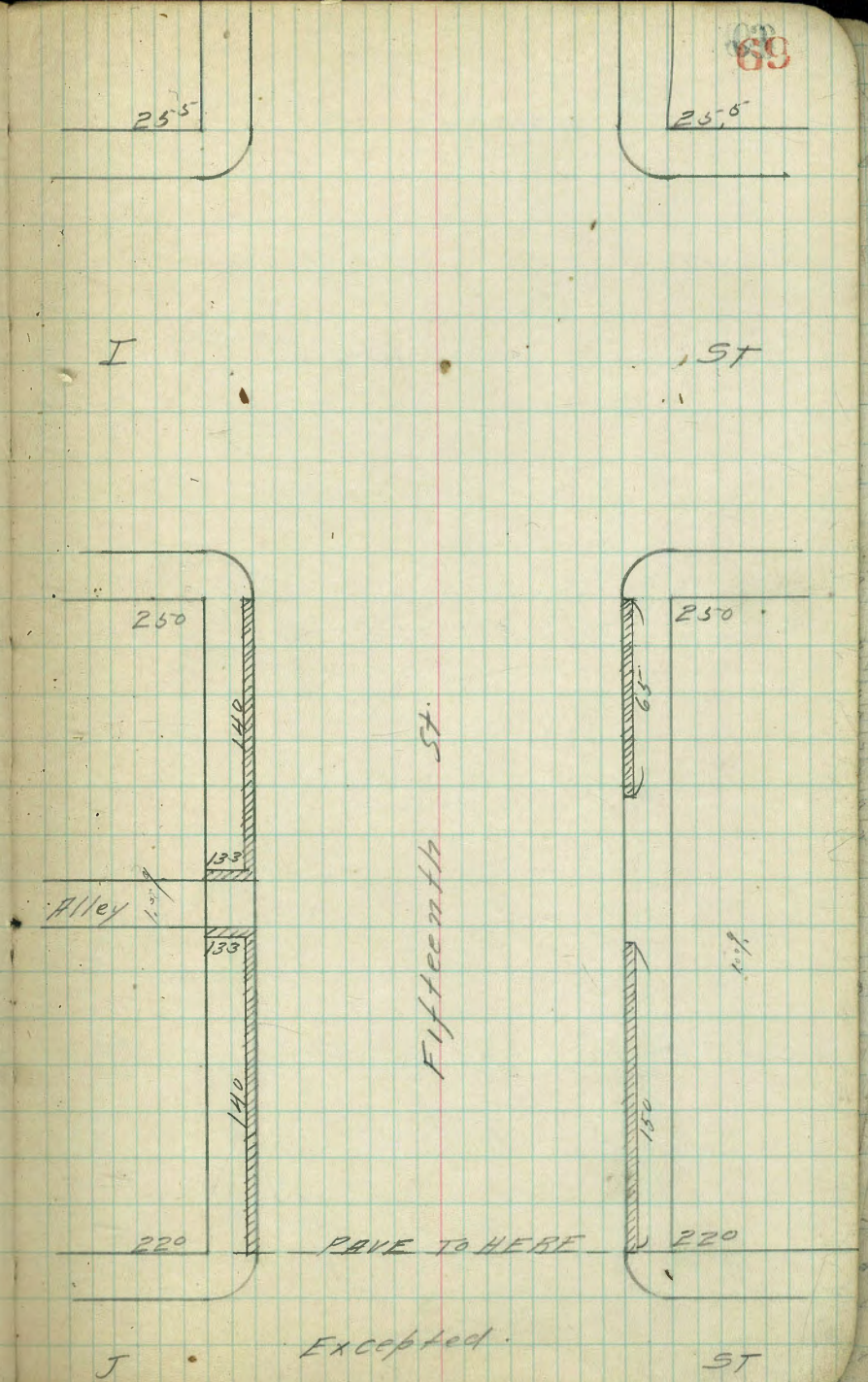
21.18 / 6.00 21.62 / 5.56 21.86 / 5.32 21.62 / 5.26 21.80 / 5.38 25.38 / 1.8
25.66 / 5.58 25.92 / 5.32 26.00 / 5.24 25.89 / 5.35 25.60 / 5.64 25.38 / 5.86 5.46 / 5.78
4.92 / 26.04 4.88 / 26.08 21.44 / 4.52 21.96 / 4.00 27.14 / 3.82 21.97 / 3.99 26.47 / 4.49
1.18 / 4.62 1.62 / 4.19 1.86 / 3.96 1.92 / 3.89 1.80 / 4.01

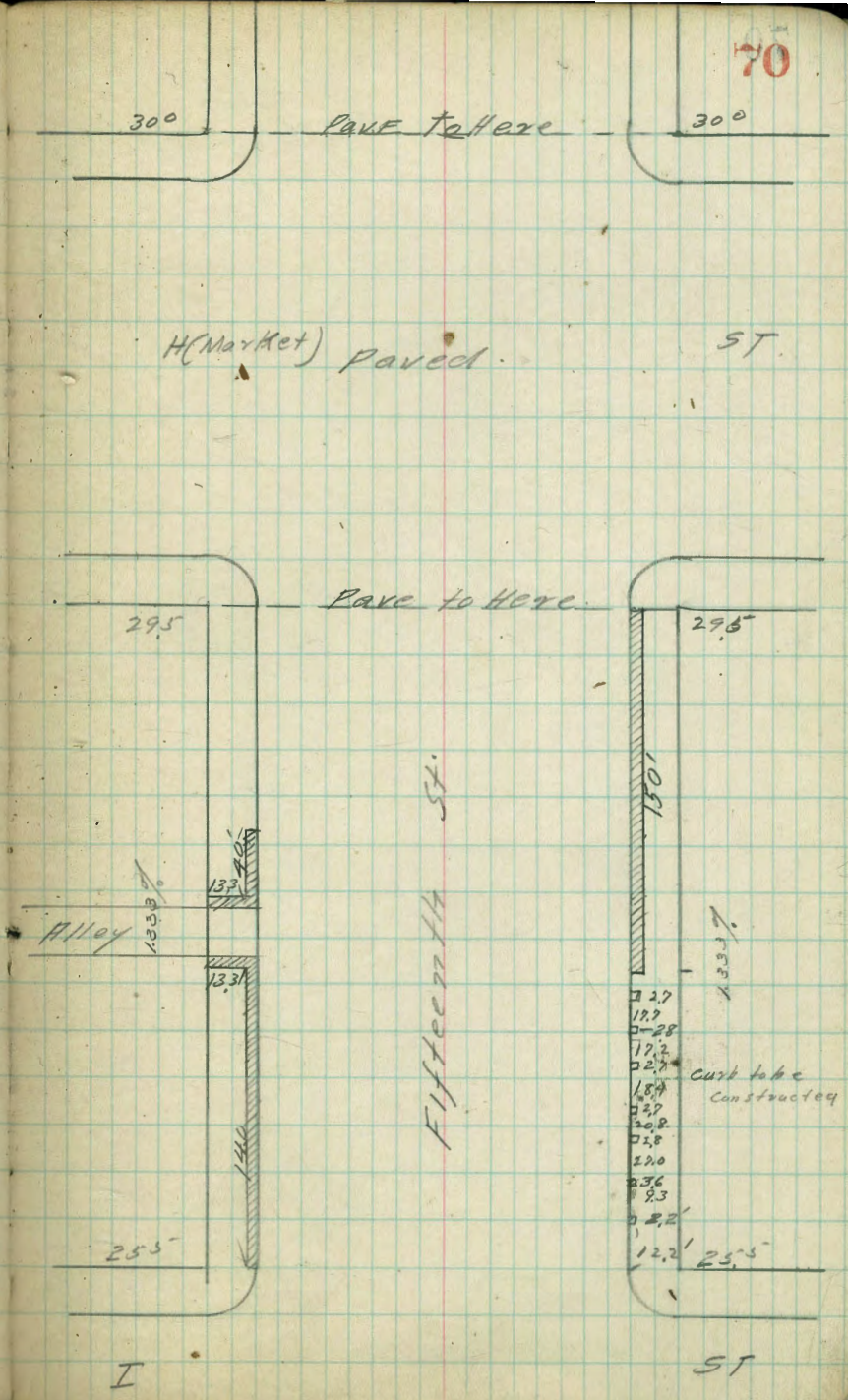


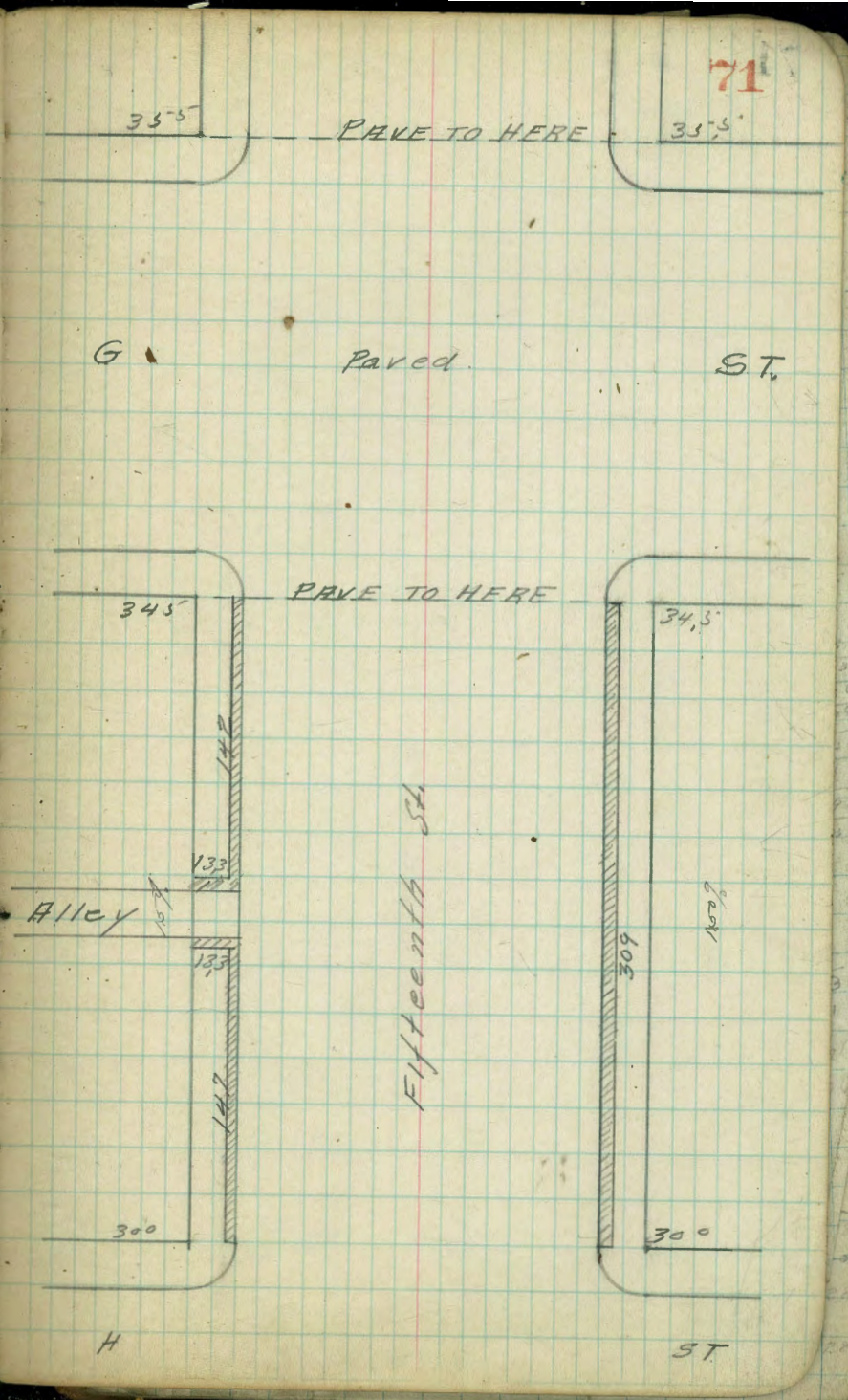

130
150
24" Concrete Culvert
L
ST.
STREET CAR TRACKS
120
140
Fifteenth ST.
150
1833
Build Intake Here
85
Pave to Here
85
M
Paved
ST.
80
80

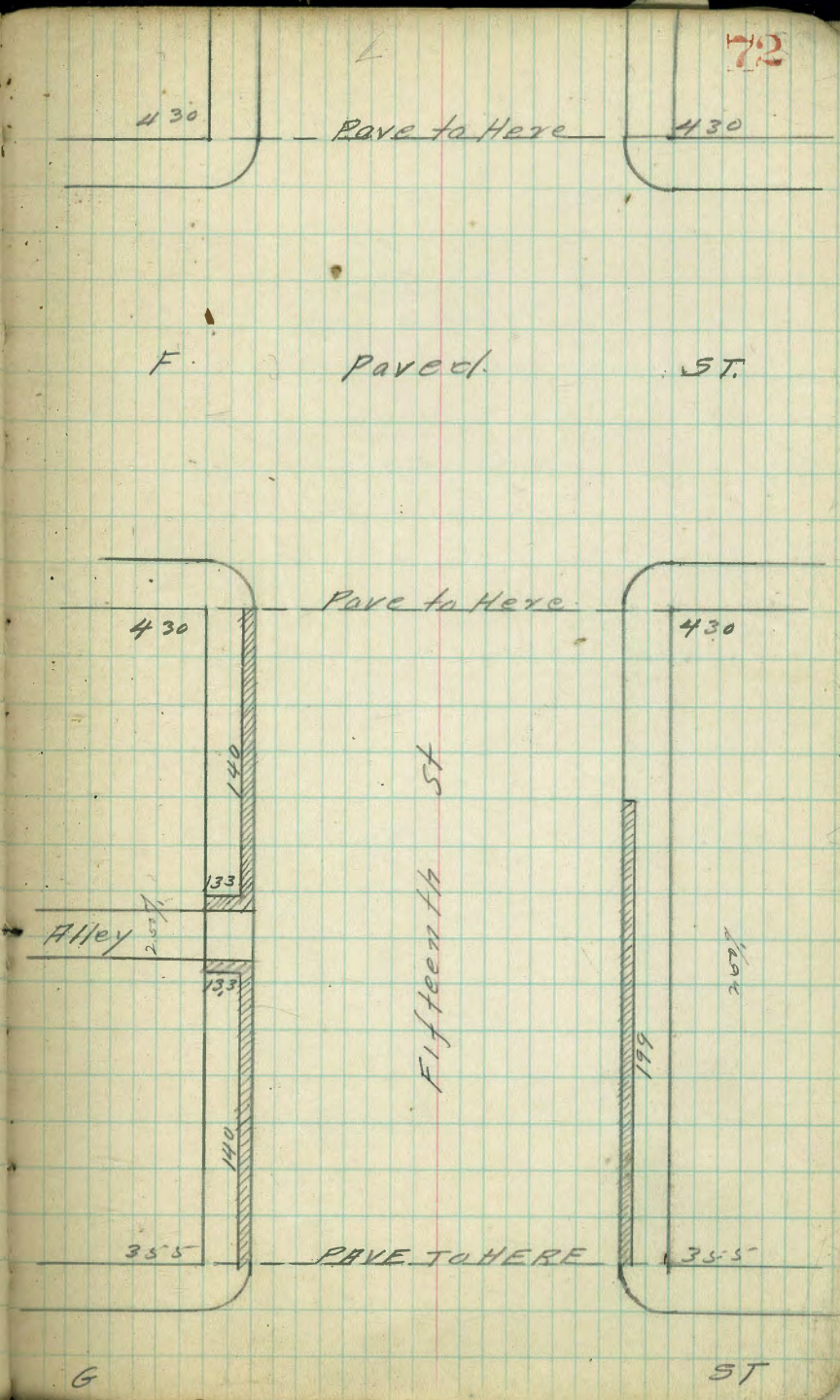

165
Pave to Here
180
K.
ST
Paved.
ST. Car TRACKS
Pave to Here
165
180
Fifteenth ST
1.00%
130
130
L
ST


220
Pave to Here
220
J
Excepted
ST
to be paved in J St Plans.
Pave to Here
210
140
133
Alley
100'
133
140
Fifteenth St.
210
200
100'
165
Pave to Here
165
K ST


25-5
25-5
I
ST
25-0
25-0
140
133
Alley
133
140
Fifteenth St.
220
PAVE TO HERE
220
Excepted.
J
ST

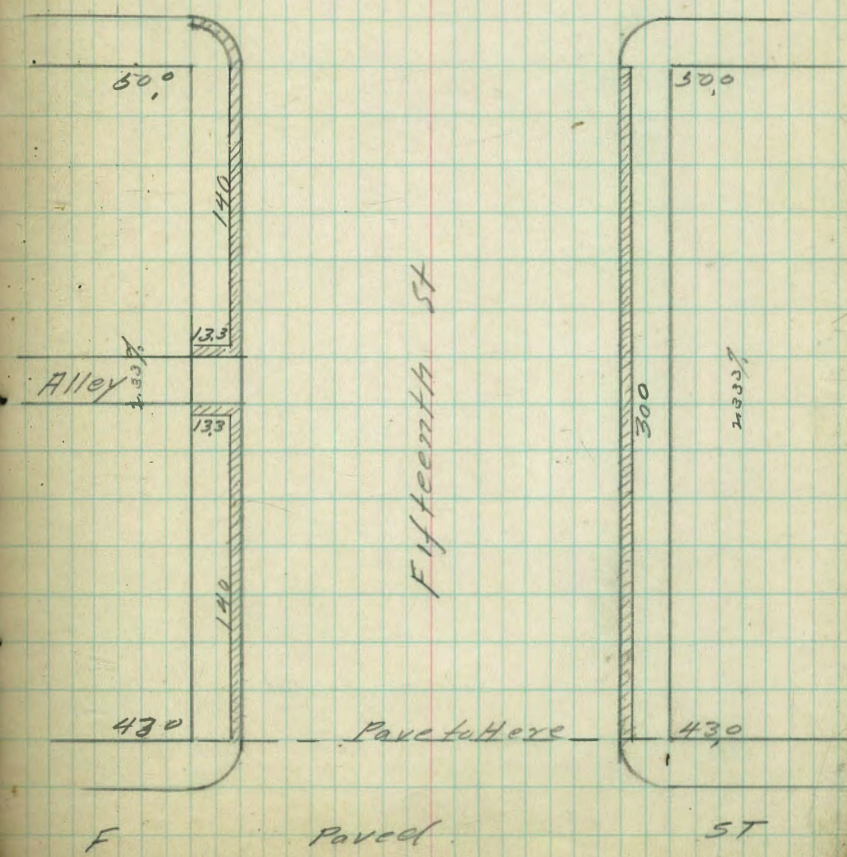

30°
Pave to Here
30°
H(Market) Paved
ST
Pave to Here
29.5
29.5
Fifteenth St.
150'
40'
13.3
Alley
1.333%
13.3
1.333%
2.7
17.7
2.8
17.2
2.7
18.4
2.7
20.8
2.8
27.0
3.6
9.3
2.2
12.2
Curb to be constructed
14.0
25.5
25.5
I
ST

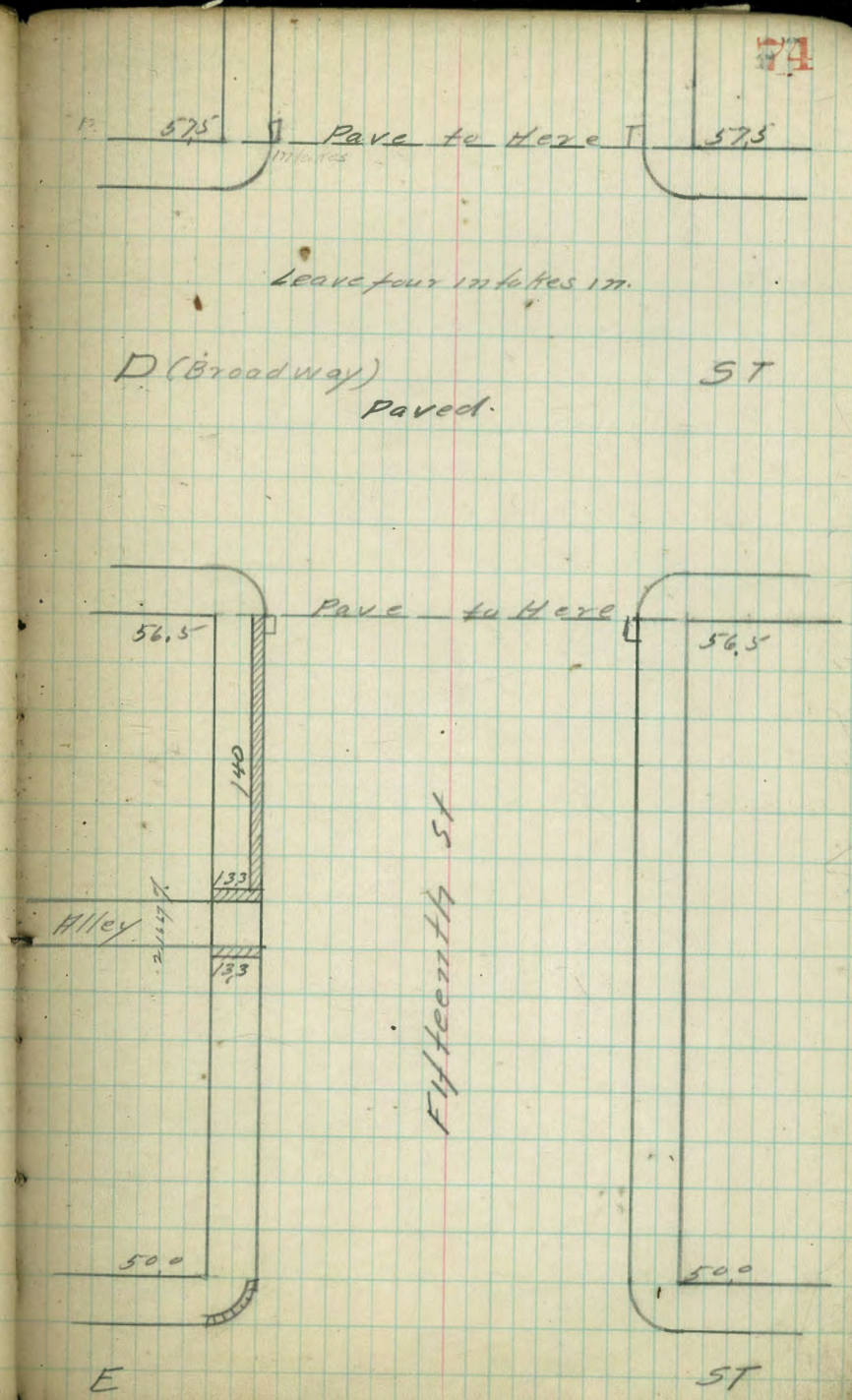

35.5
PAVE TO HERE
35.5
G
Paved
ST.
PAVE TO HERE
34.5
34.5
142
133
Alley
133
142
Fifteenth St.
309
300
300
H
ST

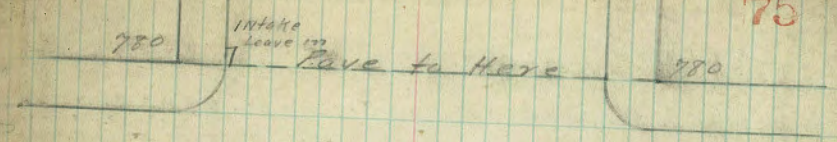

430
Pave to Here
430
F
Paved
ST.
Pave to Here
430
430
140
133
Alley
133
140
Fifteenth St
199
355
PAVE TO HERE
355
G
ST

Note
see plans for
E Culverts here sheet 2 ST

Note
see plans for culverts
on this intersection
sheet NO 2



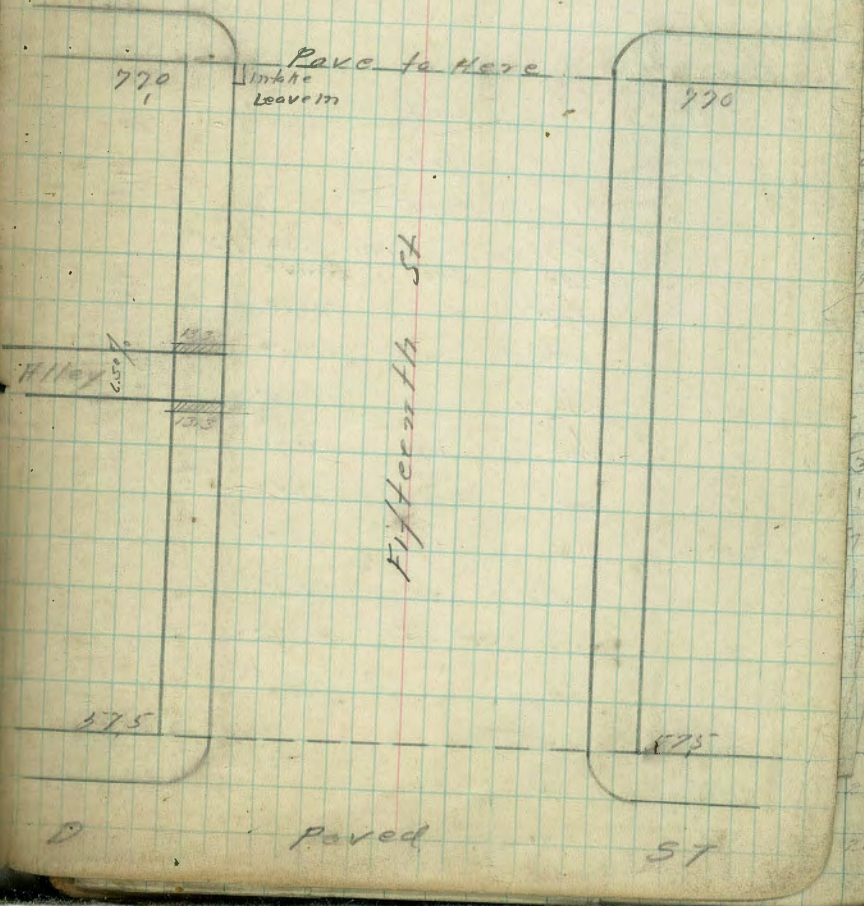

57.5
Pave to Here
57.5
Leave four intakes in.
D (Broadway)
ST
Paved.
Pave to Here
56.5
56.5
140
133
Alley
21.47
133
Fifteenth St
50.0
50.0
E
ST



See
Continued on Front Page

sorry but I counted wrong thought I made enough room

C Paved ST



{ NE 28 & Beech 216.63 plg
{ " " " spk

28th & Ash NE 213.50 plg rt.

Beech & Granada 208.50 NW plg rt.

29 & Beech SE ppk 1' high 207.21

Dale & Beech SW. pole 213.23

30th & Beech SE spk 223.29

Cedar & 30th NE spk 224.07

Date " " SE rr spk 236.86

Elm mon 257.23

Fir SE RR spk 268.08

Grape NE " " " 276.61

Hawthorn SE " " " 280.10

Ivy NE " " " 286.24

Juniper SE " " " 289.20

Kalmia SE " " " 289.95

96.96 BM. 3.50 200.46 HI — 92.75 7.71 — 92.17 7.87 — 92.43 8.03 — 92.27 8.19 — 92.11 8.30

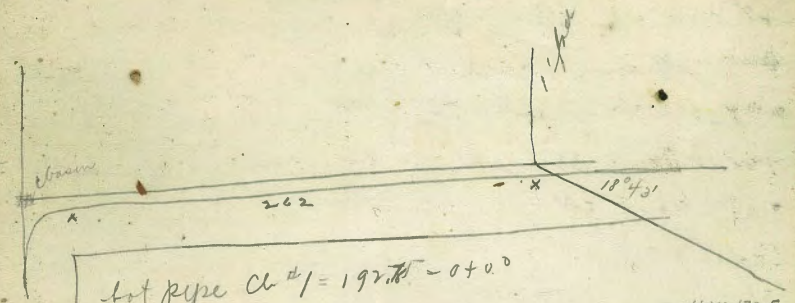
91.95 8.51 — 91.80 8.66 — 91.64 8.82 — 91.48 8.98

91.32 9.14 — 91.16 9.30 — 4.17 96.29 — 3.05 97.41

Grades for Drain B st 27-28th

Sta	Grade	Sta	Grade
0	192.75	3	190.70
+25	92.59	+25	189.50
+50	92.43	+50	185.50
+75	92.27	+75	178.00
1	92.11	4	170.50
+25	91.95	+25	164.80
+50	91.80	+50	160.90
+75	91.64	Pipe +75	159.75
2	91.48		
+25	91.32		
+50	91.16		
CB +75	191.00		

207.21 3.87 211.08 HI — 4.50 206.58 plg NE 29 & Beech from spk in pole [illegible]



bot pipe Cb #1 = 192.75 = 0+00

Sta 3+00 190.70 3+25 = 189.5 3+50 = 185.5 4+00 = 170.5

4+25 = 164.80 4+50 = 160.90 4+75 = 158.80

Cuts for Drain B - 27-28th

Sta	Rod	ground	grade	±
	4.74	HI 101.70	96.96 BM	
0+50	5.72	95.98	92.43	+3.55
1	5.63	96.07	92.11	+3.96 58.80
+50	5.56	96.14	91.80	+4.34 8.76
2	5.46	96.24	91.48	+4.76
+50	5.40	96.30	91.16	+5.14
+76	5.23	96.47	91.00	+5.47
3	5.12	96.58	90.70	+5.88
+25	6.08	95.62	89.50	+6.12
TP	1.14	HI 90.02 12.82	88.88	
+50		1.14 88.88	85.50	+3.38
+75		9.95 80.07	78.00	+2.07
TP	1.12	78.28 12.86	77.16	
4+00	3.90	74.38	70.50	+3.88
+25	10.78	67.50	64.80	+2.70
	0.06	67.56 10.78	67.50	
+50	6.66	60.90	60.90	0.0
pipe			59.75	

7.80
59.76

59.75
7.81

[illegible]	[illegible]
190.96	" " C
196.92	NW B
196.925	NW 26 B
196.973	NW 27 "
196.963	SE 28 "
[illegible]	NW 28 a
213.496	N.E 28 ash
[illegible]	NE Back 28
[illegible]	NE 30th Back Spk
257.228	SE Elm Pigin mon.
285.734	NW Jumper mon.
280.747	NE End of Bridge mon.
33.76	SE Capps mon. [illegible]

30TH ST.

206.56 NE

208.48 NW Gia

214.535 NE Dale

221.52 NW 30th Back

216.535

13

221.55

[illegible]

40.666

41.333

42.000

42.666

43.333

44.000

[illegible]

89.08

89.68

89.04

178.72

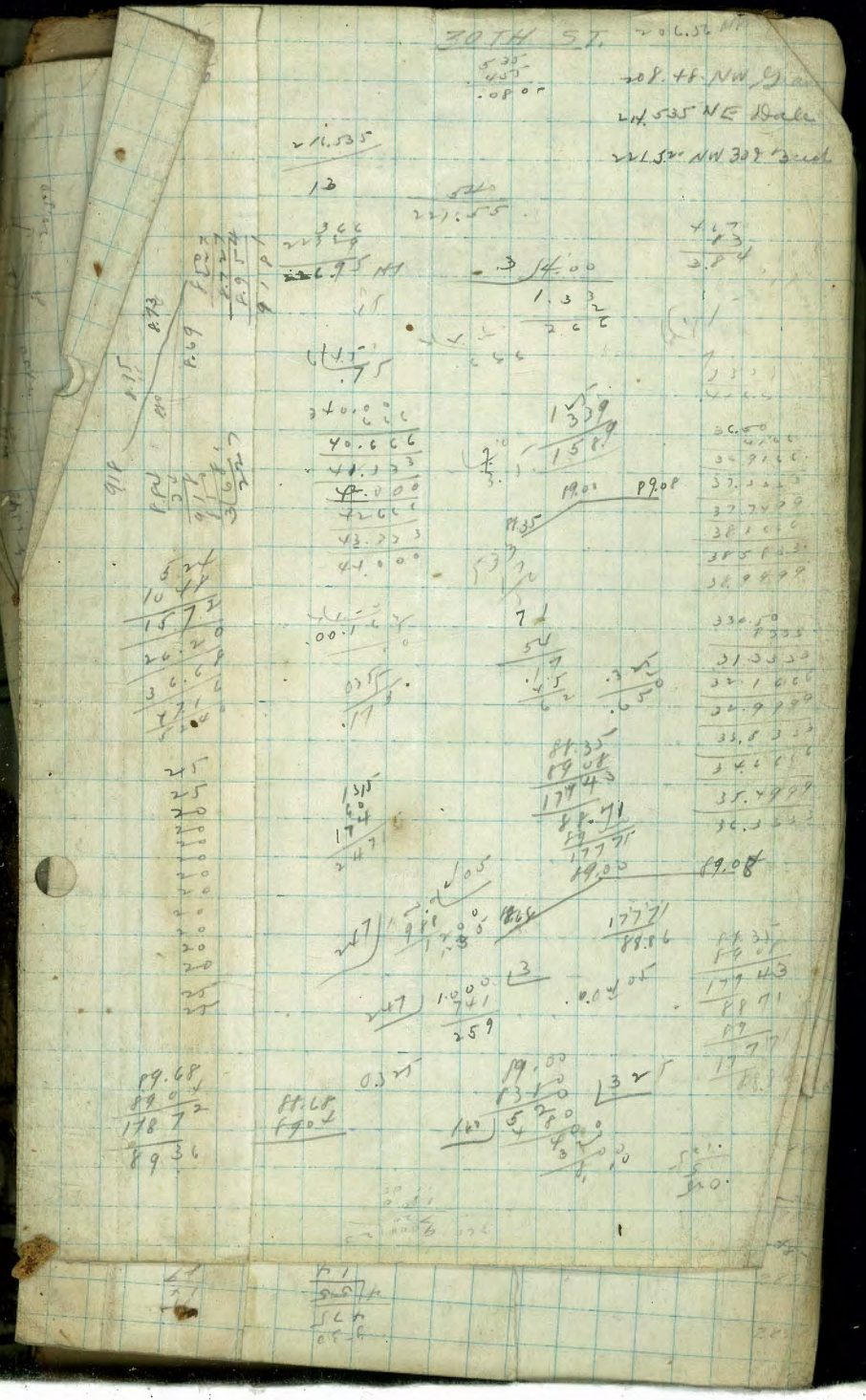
89.36

88.68

89.04

89.00

[illegible]



30TH St

257.23 Mow

276.61 Run

3

3

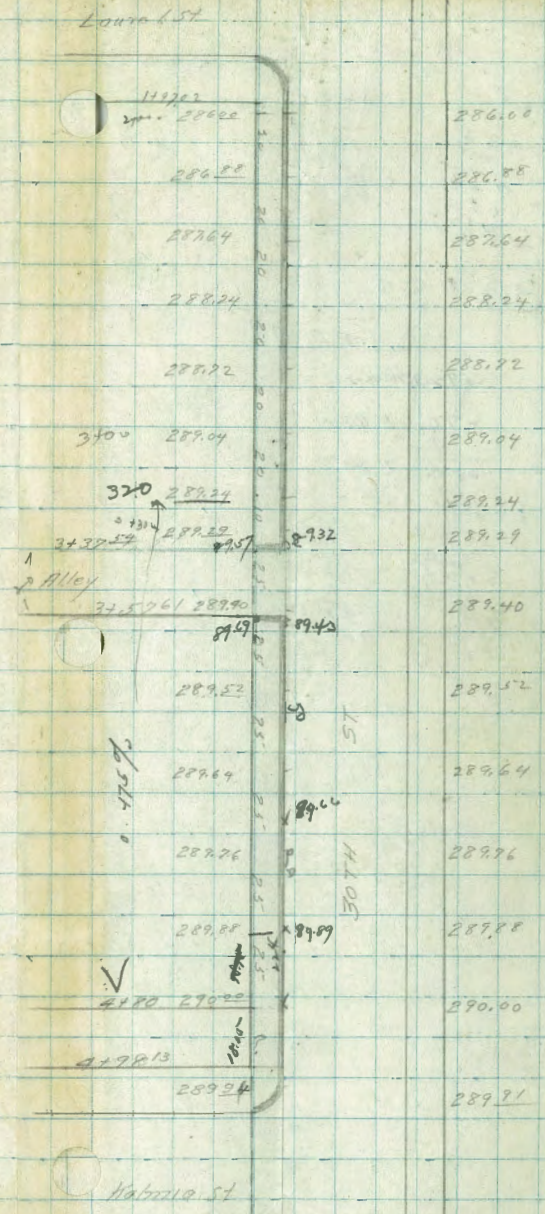
30TH ST

208.48 NW Gr

214.535 NE Dale

221.52 NW 30th Bud

280.04 Bm	80.25	80.00	80.12	80.36	80.66	81.10	81.60
5.70	5.49	5.74	5.62	5.38	5.08	4.64	4.14
85.74 HI	82.25	86.88	87.64	88.24	88.63	88.72	89.04
2.15	3.49	4.13	3.37	2.79	2.38	2.29	1.97
83.59 TP	89.24	89.32	89.57				
7.42	1.77	1.69	1.44				
91.01 HI	89.43	9.69	89.66	89.89	90.00		
1.69	5.46	5.20	5.23	5.00	4.89		
89.32 TP	9.32	9.57	9.43	9.69	89.66	140.12	
5.57	5.75	5.10	5.24	4.98	5.01	72.4	
94.89 HI	89.89	90.00	89.91	89.94		68.12	
94.67 HI	4.78	4.67	4.76	4.73			
4.73							
89.94 TP							
4.76							
94.70 HI							



WALLS

30TH ST. PAVING

8.83
8.29
8.00
7.72
7.92
7.63

7.27 7.83
6.72
7.00

6.17
85
672
727
782

9 | 83
0922

7.17
55
7.72
8.29
8.82

9 | 89
0922
368

.0125
14
500
125
1750

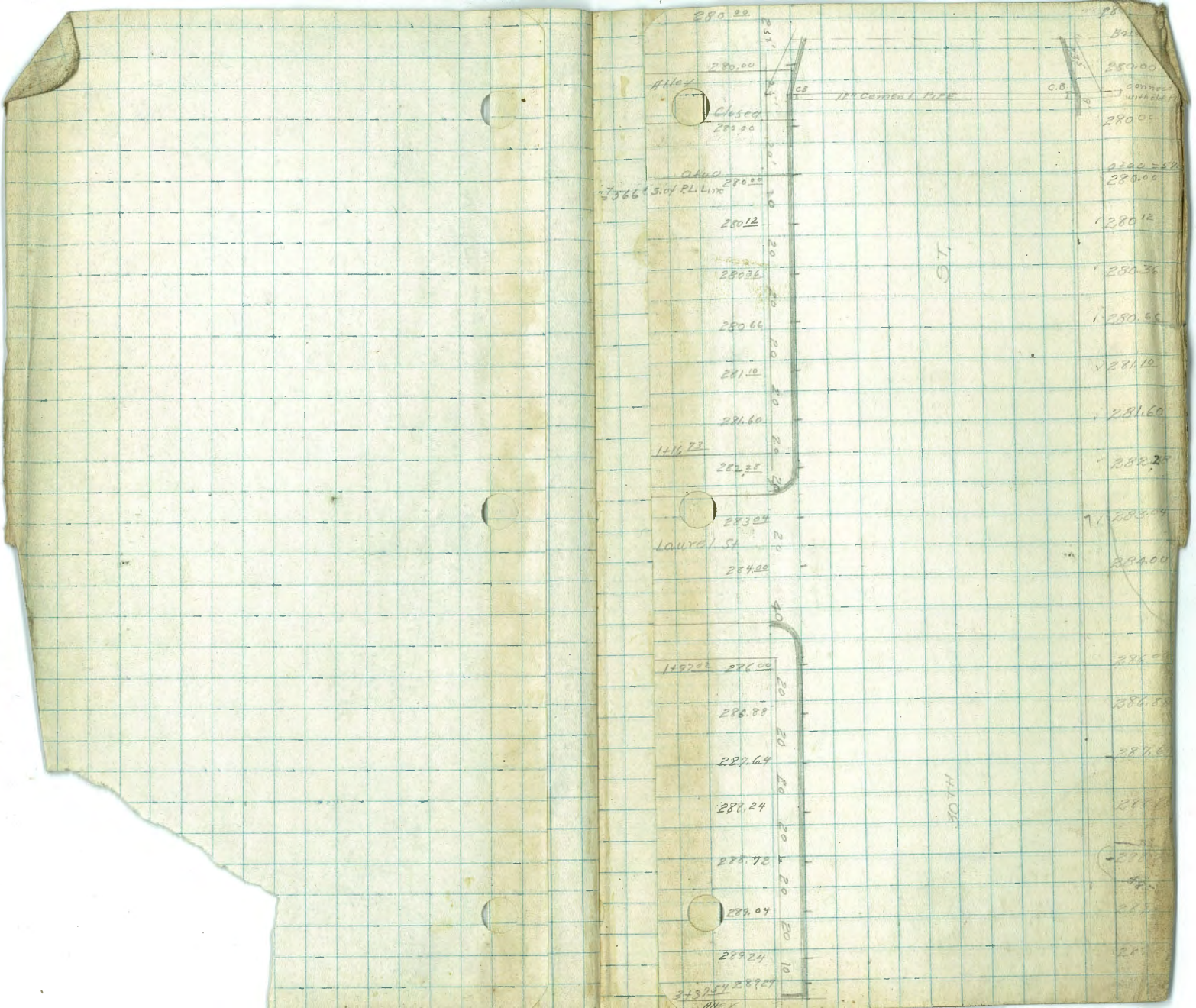
20 | 160 | 8
.008

.0125
.0625

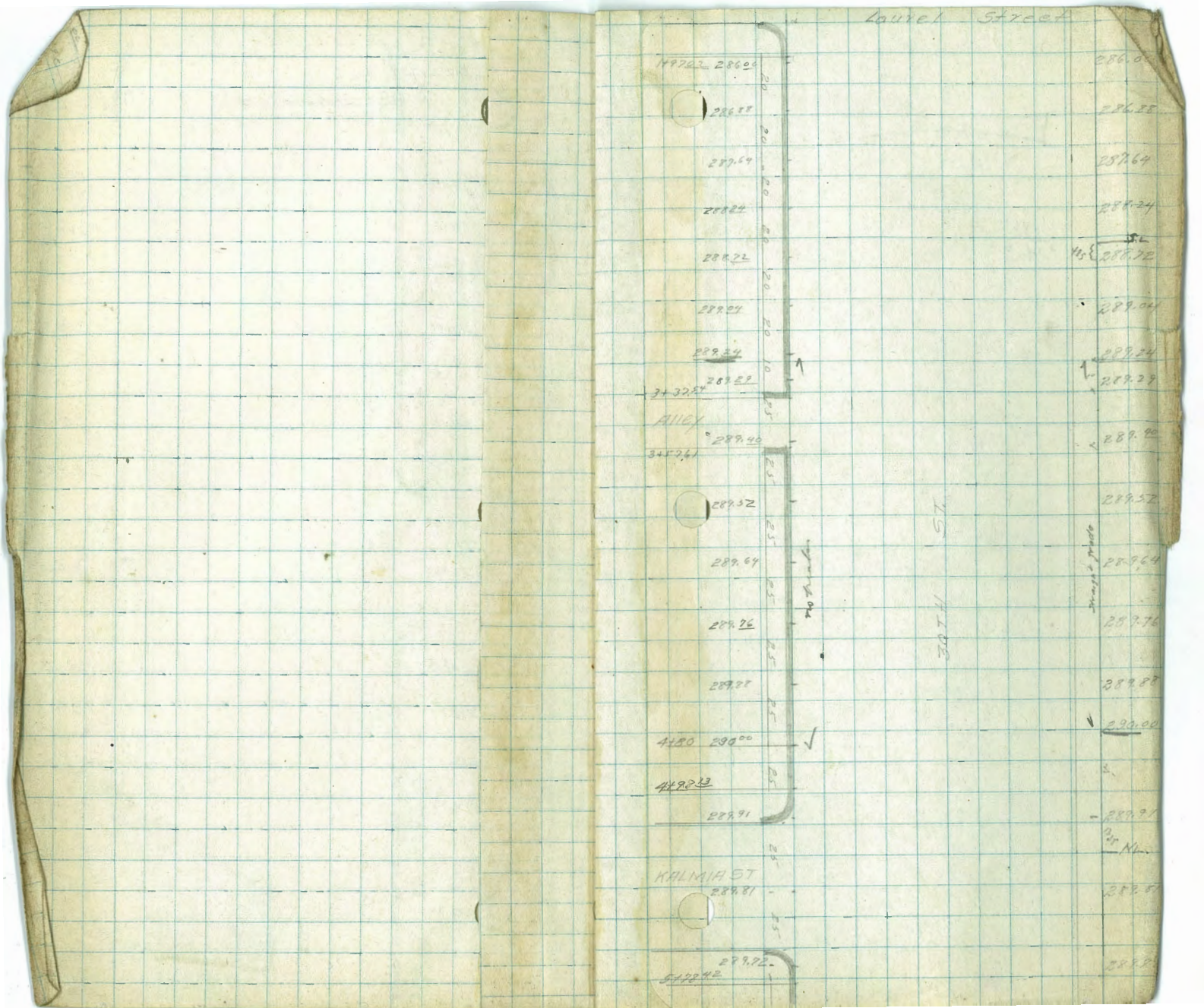
7.83
6.17
3 | 1.66
55

8.83
7.17
3 | 1.66
55

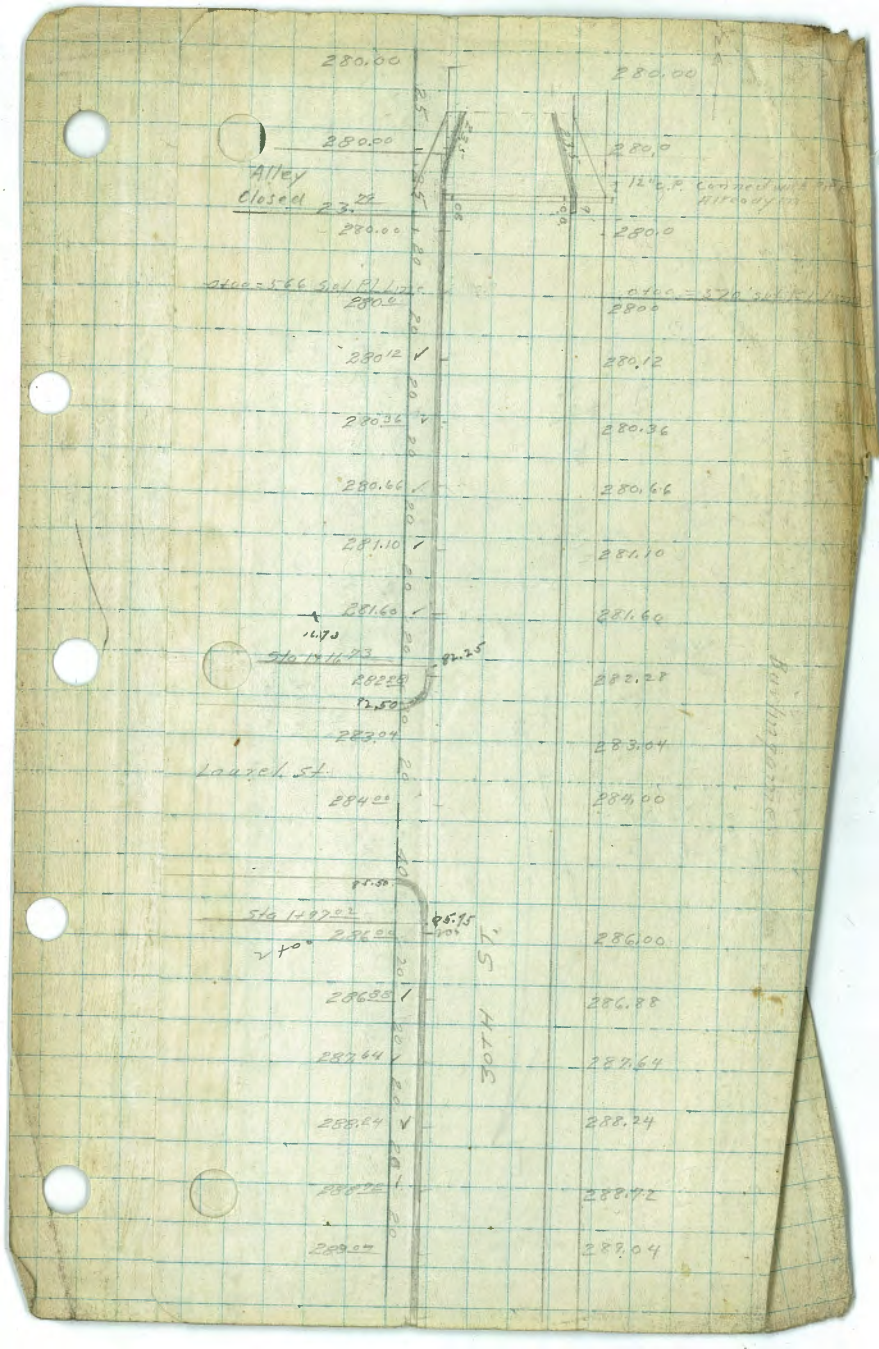
1913
1460

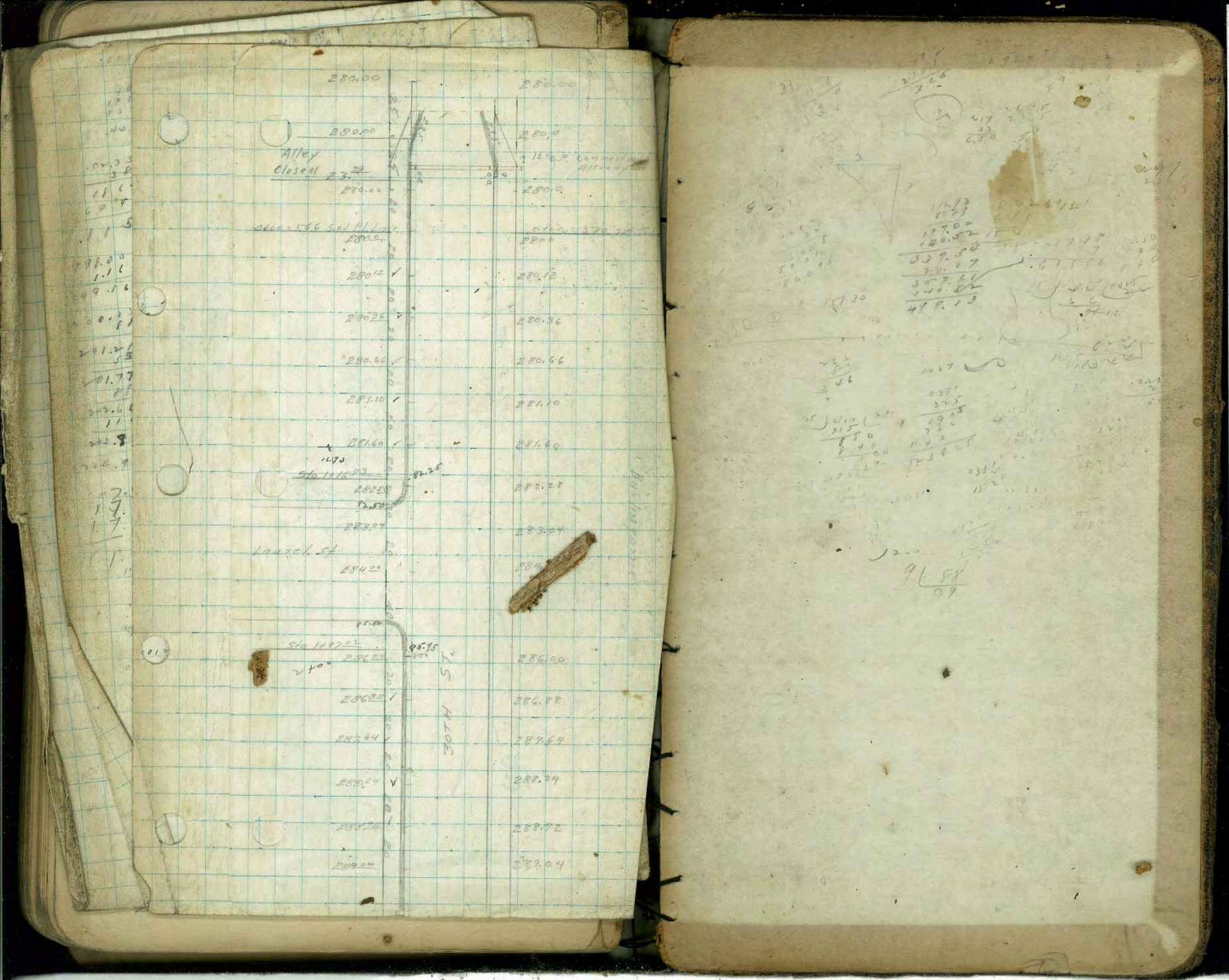


280.00
Alley
Closed
280.00
C.B.
12" Cement Pipe
C.B.
280.00
280.00
280.00
280.12
280.36
280.66
281.10
281.60
1+16.73
282.28
283.04
Laurel St
284.00
1+97.02
286.00
286.88
287.64
288.24
288.72
289.04
289.24
289.27
3+37.54
ANEX
ST.
30TH


Laurel Street
1+97.02 286.00
286.88
287.64
288.24
288.72
289.04
289.24
289.29
3+37.54
Alley
289.40
3+57.61
289.52
289.64
289.76
289.88
4+80 290.00
4+98.13
289.91
KALMIA ST
289.81
289.72
5+78.42
30TH ST
Straight grade
286.88
287.64
288.24
288.72
289.04
289.24
289.29
289.40
289.52
289.64
289.76
289.88
290.00
289.91
NL

$\frac{1865}{5\ 4\ 6}$


280.00
280.00
280.00
280.0
Alley
Closed
12" C.P. Connect with Pipe Already in
280.00
280.0
0+00 = 566 Sid Pl Line
0+00 = 370 Sid Pl Line
280.0
280.0
280.12
280.12
280.36
280.36
280.66
280.66
281.10
281.10
281.60
281.60
16.73
Sta 1+16.73
82.25
282.28
282.28
82.50
283.04
283.04
Laurel St.
284.00
284.00
85.50
Sta 1+97.02
85.75
286.00
286.00
2+00
286.88
286.88
287.64
287.64
288.24
288.24
288.72
288.72
289.04
289.04
30TH ST.
Burlington


280.00
280.00
280.00
280.0
Alley
Closed
280.00
280.0
280.0
280.0
280.12
280.12
280.36
280.36
280.66
280.66
281.10
281.10
281.60
281.60
Sta 1+16.73
282.28
282.28
283.04
283.04
Laurel St
284.00
Sta 1+97.02
286.00
286.00
286.88
286.88
287.64
287.64
288.24
288.24
288.72
288.72
289.04
30TH ST.