

74

G74

380

FIELD

STREET

WALK BLDG

WALKER ST

Cook's Quality

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

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

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

Crocker Quality

FIELD BOOK



No. \_\_\_\_\_

MANUFACTURED BY

H. S. CROCKER CO.

SAN FRANCISCO AND SACRAMENTO  
CALIFORNIA

FROM  
LORINGS BOOK STORE  
San Diego, Cal.

MICROFILMED

DEC 4 1964

MICROFIL MED

1

Notes for Upper Grades of Florida St Wall; Stakes on 'G' Offset.  
 South line of University Ave = 0

Vertical Beam No	37	= 65' End of Gravity wall.
"	36	= 80
"	35	= 95
"	34	= 110
"	33	= 125
"	32	= 140
"	31	= 155
"	30	= 170
"	29	= 185
"	28	= 200
"	27	= 215
"	26	= 230
"	25	= 245
"	24	= 260
"	23	= 275
"	22	= 290
"	21	= 305
"	20	= 320
"	19	= 335
"	18	= 350
"	17	= 365
"	16	= 380
"	15	= 395
"	14	= 410
"	13	= 425
"	12	= 440
"	11	= 455
"	10	= 470
"	9	= 485
"	8	= 500
"	7	= 515
"	6	= 530
"	5	= 545
"	4	= 560
"	3	= 575
"	2	= 590
"	1	= 605 = End of Gravity wall

Sep 30-1914 (Dezman Miller-Shaw)

BOT 276.00 = 40 West tie hub for 13 point Robinson & Florida

1	2	3	4	5	6	7	8	9
298.78	289.99	289.99	288.99	288.99	288.99	288.99	288.99	288.99
12.95 HI	76.25	81.50	86.65	87.45	88.95	90.38	91.85	93.25
10.07	17.74	7.27	5.84	3.87	1.84	12.53	11.38	7.33
11.53	15.9	2.1	2.4	0.6	12.8	10.6	9.5	7.9
291.86	21.4	+1.6	+1.5	+1.1	4.08	+0.4	+0.3	+0.8
1.87								+0.7
290.23 HI								+0.7
297.26 = BOT								

10	11	12	13	14	15	16	17	18	19
301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63
43.29	93.73	94.17	94.61	95.05	95.49	95.93	96.37	96.81	97.25
8.34	7.9	7.46	7.02	6.58	6.14	5.70	5.26	4.83	4.39
+0.6	+0.6	+0.3	+0.2	+0.3	+0.2	+0.6	+1.0	+1.2	+0.8

20	21	22	23	24	25	26	27	28	29
301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63
77.85	77.85	77.85	77.85	77.85	77.85	77.85	77.85	77.85	77.85
4.4	4.11	4.04	4.06	4.13	4.32	4.58	4.70	4.88	5.13
3.5	3.0	2.7	3.0	3.4	3.1	3.7	4.2	4.1	4.7
+0.8	+1.1	-1.3	+1.1	+0.9	+1.3	+0.9	+0.7	+1.2	+0.8

30	31	32	33	34	35	36	37	38
301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63	301.63
94.45	94.84	95.20	95.57	95.92	96.20	96.50	96.80	97.10
6.5	6.77	7.13	7.14	6.58	6.6	10.38	11.13	10.78
5.5	6.6	7.4	7.3	6.4	7.7	10.0	10.6	6.1
+0.7	+1.2	+0.5	-0.1	-0.5	-0.1	+0.4	+0.5	-0.1

Set a - stakes for upper street grade on Florida St Wall. See page 32.  
 Added to grades on plan Sep 3-1914 - Dezman Miller - Shaw.

BOT 487.00 B.P. SW. Cor Florida & University Ave. Sep 30th 1914 (Dezman Miller-Shaw)

37	36	35	34	33	32	31	30	29	28
297.22	297.22	297.22	297.22	297.22	297.22	297.22	297.22	304.82	304.82
90.25	91.00	91.75	92.50	93.25	93.95	94.59	95.15	95.65	96.10
6.97	6.22	6.47	4.72	3.98	3.27	2.63	2.07	9.17	8.72
304.92 HI	304.82	304.82	304.82	304.92	304.82	304.82	302.79	302.79	302.79
1.49	96.48	96.80	97.06	97.25	97.32	97.34	97.27	97.27	96.84
+ 5.95	8.34	8.02	7.76	7.67	7.50	7.48	5.52	5.69	6.75

18	17	16	15	14	13	12	11	10	9
302.79	302.79	302.79	302.79	302.79	302.79	302.79	302.79	302.79	302.79
96.00	96.12	95.68	95.24	94.80	94.36	93.92	93.48	93.04	92.56
6.29	6.67	7.11	7.55	7.92	8.43	8.97	9.31	9.75	10.23

8	7	6	5	4	3	2	1
302.79	302.79	302.79	302.79	302.79	302.79	302.79	302.79
97.00	91.10	90.00	88.70	87.20	85.40	83.40	81.25
10.79	11.69	12.79	13.48	14.98	16.78	18.78	19.93
			+10.7	+10.2	+9.0	+6.2	+10.2
			3.50	5.00	6.80	8.80	10.95

BOT 481.86 = 90 West tie hub for 13 point Florida & Robinson.

29	28	27	26	25	24	23	22	21	20
297.08	297.08	297.08	297.08	297.08	297.08	297.08	297.08	297.08	297.08
11.85	86.00	86.00	86.00	86.00	86.00	86.00	86.00	86.00	86.00
188.00 HI									
197.03									
197.72 HI									

Set bottom stakes Nov 12-1914 Dezman Miller-Shaw  
 3' offset from curb line.

Note: Distance between tie hubs 1700 & vertical beam stake 188 is a little short.

South line of Robinson Ave = 643.89'  
 There are tie hubs on the upper 4' line at Sta 1+00  
 " " " " " " " " " " " " 2+83.49 Original  
 " " " " " " " " " " " " 3+00  
 " " " " " " " " " " " " 4+00  
 " " " " " " " " " " " " 4+53.10 Original.  
 Also copper tacks & lead plumb on the North & South 7' line of University



Herman Act

Bedwood 4 1/2 pl. pole 100' W of N.W. Cor	326.25
Thorn " " " N.W. Cor	327.81
Maple 60' E tree-haul for 13' point	320.26
Maple " " " " " "	327.58

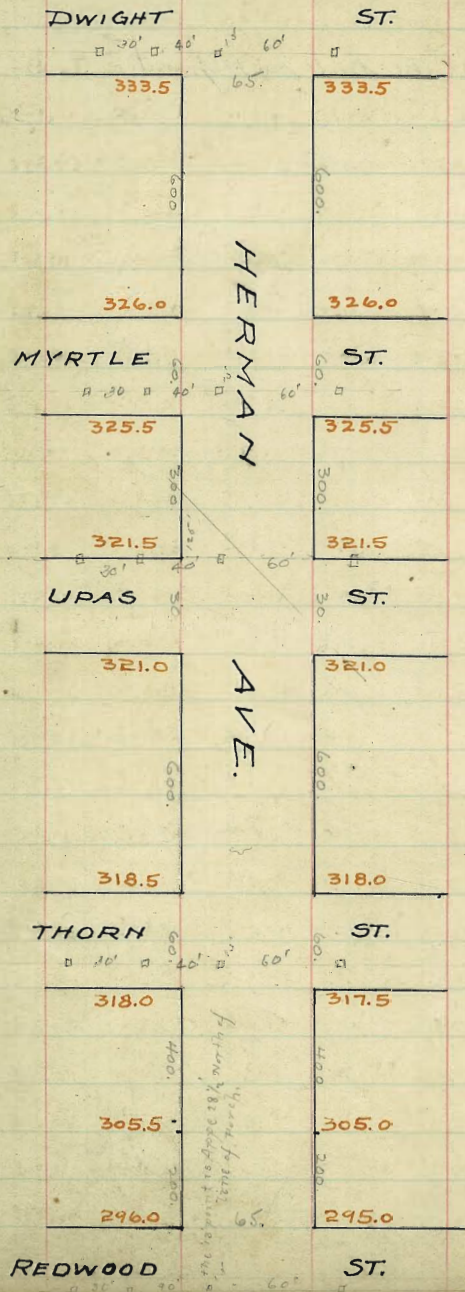
High point

High point

High point

High point

10 walks, 1125. gcs.



High point to top of north side of gutter

High point of Upas & Herman Ave.

$325.71$   
 $323.68$   
 $2.07$   
 $2.07$   
 $7.2 \times 3.72$   
 $1.96$   
 $8.99$  out on sheet

$325.71$   
 $323.68$   
 $2.07$   
 $2.07$   
 $7.2 \times 3.72$   
 $2.97$   
 $8.99$  out on sheet

allowance for 1/2 of the width of the gutter.

allowance for 1/2 of the width of the gutter.

April 18-1910 Dominion, Bedford, Vermont

Myrtle

St.

60	47	294	141	1498
325.71	320.71	325.71	325.71	325.71
315.28	316.44	317.60	318.76	319.91
10.43	9.27	8.11	6.95	5.80
	7.14	7.6	6.4	
	+0.2	+1.5	+0.6	

315.71 - 319.71 etc Culvert

Culvert 198' length

170'

150'

$325.71$   
 $315.28$   
 $10.43$   
 $315.28$  - Etc Culvert

$325.71$   
 $315.28$  - Etc Culvert

# HERMAN AVE

West

East

## N Line Redwood St.

N. line	296.25	296.00	295.40	295.50	294.85	295.00	295.25
25	297.44	297.19	296.61	296.75	296.13	296.31	296.56
50	298.63	298.38	297.83	298.00	297.41	297.55	297.78
75	299.81	299.56	299.04	299.25	298.69	298.94	299.19
100	301.00	300.75	300.25	300.50	299.98	300.00	300.25
125	302.19	301.94	301.46	301.75	301.26	301.56	301.81
150	303.38	303.13	302.68	303.00	302.44	302.88	302.75
175	304.56	304.31	303.89	304.25	303.82	304.19	304.44
200	305.75	305.50	305.10	305.50	305.10	305.50	305.25
225	306.63	306.28	305.87	306.27	305.86	306.25	306.50
250	307.31	307.06	306.64	307.03	306.62	306.90	307.25
275	308.09	307.84	307.41	307.80	307.37	307.75	308.00
300	308.88	308.63	308.18	308.56	308.13	308.50	308.75
325	309.66	309.41	308.94	309.33	308.89	309.25	309.50
350	310.44	310.19	309.71	310.09	309.65	309.69	310.25
375	311.22	310.97	310.48	310.86	310.41	310.75	311.00
400	312.00	311.75	311.25	311.63	311.17	311.50	311.75
425	312.78	312.53	312.02	312.39	311.92	312.25	312.50
450	313.56	313.31	312.79	313.16	312.68	313.00	313.25
475	314.34	314.09	313.56	313.92	313.44	313.75	314.00
500	315.13	314.88	314.33	314.69	314.20	314.50	314.75
525	315.91	315.66	315.09	315.45	314.96	315.25	315.50
550	316.69	316.44	315.86	316.22	315.71	316.00	316.25
575	317.47	317.22	316.63	316.98	316.47	316.75	317.00
600.0	318.25	318.00	317.40	317.75	317.23	317.50	317.75

Note: The grades on this side are off. See plat. M.N.D.

## S. Line Thorn St.

321.81	321.56	321.31	321.06	320.81	320.56	320.31	320.06
321.81	321.56	321.31	321.06	320.81	320.56	320.31	320.06
321.81	321.56	321.31	321.06	320.81	320.56	320.31	320.06
321.81	321.56	321.31	321.06	320.81	320.56	320.31	320.06

I came out & changed the marking on the E.L. stakes to conform to grades in sketch, M.N.D.

322.21	321.81	317.75	321.81	321.81	321.81	321.81	321.81
322.21	321.81	317.75	321.81	321.81	321.81	321.81	321.81
322.21	321.81	317.75	321.81	321.81	321.81	321.81	321.81
322.21	321.81	317.75	321.81	321.81	321.81	321.81	321.81

## S. Line Thorn St.



HERMAN ST.

met

S line Thorn St.

S line	318.25	318.00	317.40	317.75	317.23	317.50	317.75
S curb	318.00 317.00	318.00 317.00	316.87	316.75	316.62	317.50 316.50	317.50 316.50
S 1/4	317.73	317.65	317.56	317.48	317.40	317.31	317.23
Center	318.25	318.17	318.08	318.00	317.92	317.83	317.75
N 1/4	317.90	317.87	317.73	317.65	317.57	317.48	317.40
N curb	317.50 318.50	317.50 318.50	317.37	317.25	317.17	317.00 318.00	317.00 318.00
N line	318.75	318.50	317.90	318.25	317.73	318.00	318.25

N line Thorn St.

cut

32431 H.I.

317.75	317.83	317.92	318.00	318.08	318.17	318.25
6.56	6.48	6.39	6.31	6.23	6.14	6.06
318.25	318.00	317.40	317.75	317.23	317.50	317.75
6.06	6.31	6.91	6.56	7.09	6.81	6.56

306.25	297.25	297.5	300	299.55	299.75	300.2	299.5	300.50	299.7
1.11	2.95	2.50	7.36	6.81	6.81	4.22	4.86	2.34	2.17
307.36	307.36	305.75	316.44	315.94	315.10	317.37			
305.5	305.75	305.75	316.44	315.94	315.10	317.37			

# HERMAN AVE.

West	9 <sup>th</sup> St.	2 <sup>nd</sup> St.	N. Line Thorn St.		3 <sup>rd</sup> St. East		2 <sup>nd</sup> St.
	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.	Cont.
N. line	318.75	318.60	317.90	318.25	317.73	318.00	318.75
25	318.85	318.60	318.01	318.36	317.85	318.13	318.38
50	318.96	318.71	318.13	318.48	317.97	318.25	318.50
75	319.06	318.81	318.24	318.59	318.09	318.38	318.63
100	319.17	318.92	318.35	318.71	318.21	318.50	318.75
125	319.27	319.02	318.46	318.82	318.33	318.63	318.88
150	319.38	319.13	318.58	318.94	318.45	318.75	319.00
175	319.48	319.23	318.69	319.05	318.57	318.88	319.13
200	319.58	319.33	318.80	319.17	318.69	319.00	319.25
225	319.69	319.44	318.91	319.28	318.81	319.13	319.38
250	319.79	319.54	319.03	319.40	318.93	319.25	319.50
275	319.90	319.65	319.14	319.51	319.05	319.38	319.63
300	320.00	319.75	319.25	319.62	319.16	319.50	319.75
325	320.10	319.85	319.36	319.74	319.28	319.63	319.88
350	320.21	319.96	319.48	319.85	319.40	319.75	320.00
375	320.31	320.06	319.59	319.97	319.52	319.88	320.13
400	320.41	320.17	319.70	320.08	319.64	320.00	320.25
425	320.52	320.27	319.81	320.20	319.76	320.13	320.38
450	320.63	320.38	319.93	320.31	319.88	320.25	320.50
475	320.73	320.48	320.04	320.43	320.00	320.38	320.63
500	320.83	320.58	320.15	320.54	320.12	320.50	320.75
525	320.94	320.69	320.26	320.66	320.24	320.63	320.88
550	321.04	320.79	320.38	320.77	320.36	320.75	321.00
575	321.15	320.90	320.49	320.89	320.48	320.88	321.13
600.0	321.25	321.00	320.60	321.00	320.60	321.00	321.25

S. line Upper St.

321.25	321.00	320.60					
3.06	3.31	3.71					
321.0	320.75	320.36	320.77	320.38	320.79	321.04	
3.31	3.56	3.95	3.54	3.93	3.52	3.27	
320.83	320.58	320.15	320.54	320.12	320.57	320.75	
3.48	3.73	4.16	3.77	4.19	3.81	3.56	
320.50	320.25	319.88	320.31	319.93	320.38	320.63	
3.81	4.06	4.43	4.00	4.38	3.93	3.68	
320.42	320.17	319.70	320.08	319.64	320.0	320.25	
3.89	4.14	4.61	4.23	4.67	4.81	4.06	
320.0	319.75	319.40	319.85	319.48	319.96	320.21	
4.31	4.56	4.91	4.46	4.83	4.35	4.10	
320.0	319.75	319.40	319.62	319.16	319.50	319.75	
4.31	4.56	4.91	4.46	4.83	4.35	4.10	
319.50	319.25	318.93	319.40	319.03	319.54	319.79	
4.81	5.06	5.38	4.91	5.28	4.77	4.52	
319.58	319.33	318.90	319.17	318.69	319.00	319.25	
4.73	4.98	5.31	5.14	5.62	5.81	5.06	
319.00	318.75	318.45	318.94	318.58	319.13	319.38	
5.31	5.56	5.86	5.37	5.73	5.18	4.93	
319.17	318.92	318.55	318.71	318.21	318.50	318.75	
5.14	5.39	5.76	5.60	6.10	5.81	5.56	
318.50	318.25	317.97	318.48	318.13	318.71	318.96	
5.81	6.06	6.34	5.83	6.18	5.60	5.35	
318.75	318.50	318.20	318.25	317.73	318.00	318.25	
5.56	5.81	6.41	6.06	6.58	6.31	6.06	

324314.F.

321.25	321.00	320.60					
3.06	3.31	3.71					
321.0	320.75	320.36	320.77	320.38	320.79	321.04	
3.31	3.56	3.95	3.54	3.93	3.52	3.27	
320.83	320.58	320.15	320.54	320.12	320.57	320.75	
3.48	3.73	4.16	3.77	4.19	3.81	3.56	
320.50	320.25	319.88	320.31	319.93	320.38	320.63	
3.81	4.06	4.43	4.00	4.38	3.93	3.68	
320.42	320.17	319.70	320.08	319.64	320.0	320.25	
3.89	4.14	4.61	4.23	4.67	4.81	4.06	
320.0	319.75	319.40	319.85	319.48	319.96	320.21	
4.31	4.56	4.91	4.46	4.83	4.35	4.10	
320.0	319.75	319.40	319.62	319.16	319.50	319.75	
4.31	4.56	4.91	4.46	4.83	4.35	4.10	
319.50	319.25	318.93	319.40	319.03	319.54	319.79	
4.81	5.06	5.38	4.91	5.28	4.77	4.52	
319.58	319.33	318.90	319.17	318.69	319.00	319.25	
4.73	4.98	5.31	5.14	5.62	5.81	5.06	
319.00	318.75	318.45	318.94	318.58	319.13	319.38	
5.31	5.56	5.86	5.37	5.73	5.18	4.93	
319.17	318.92	318.55	318.71	318.21	318.50	318.75	
5.14	5.39	5.76	5.60	6.10	5.81	5.56	
318.50	318.25	317.97	318.48	318.13	318.71	318.96	
5.81	6.06	6.34	5.83	6.18	5.60	5.35	
318.75	318.50	318.20	318.25	317.73	318.00	318.25	
5.56	5.81	6.41	6.06	6.58	6.31	6.06	

318.50 HD 318.25 317.97 318.48 321.0 321.04  
 318.75 T.P. 318.50 318.20 318.25 317.73 318.00 318.25  
 318.50

4d - taken April 12-1913  
 Dorman, Bedford, Devine

HERMAN AVE.

329.26	329.26	329.40	329.40	329.40	329.40	329.40	329.40	329.40	329.40	329.40	329.40	329.40	329.40
7.19	7.19	7.65	6.98	6.98	6.32	6.32	5.65	5.65	4.98	4.98	4.98	4.98	4.98
329.40 H.F.	7.65	6.98	6.98	6.32	6.32	5.65	5.65	4.98	4.98	4.98	4.98	4.98	4.98
+1.52	7.65	7.19	7.7	6.7	6.2	5.7	4.2	3.9	3.9	3.9	3.9	3.9	3.9
327.08	-4.01	+0.2	-0.7	-0.7	+0.6	-2.9	-3.0	+1.6	+1.1	-1.0	-1.0	-1.0	-1.0

329.40 329.40 329.40 329.40 + stake april 12-1913  
 25.08 25.08 25.75 25.75  
 4.32 4.32 3.65 3.65  
 4.5 2.9 1.9 3.2  
 -0.2 +1.4 +1.8 +0.5

Dorman, Bedford, Derrin

333,844.5

325.75	325.50	325.10	325.08	324.83	324.43
8.09	8.34	8.74	8.76	9.01	9.41
324.42	324.17	323.77	323.75	323.50	323.10
9.42	9.67	10.07	10.09	10.34	10.74
323.08	322.83	322.43	322.42	322.17	321.77
10.76	11.01	11.41	11.42	11.67	12.07
321.75	321.50	321.10			
12.09	12.34	12.74	12.66	12.18	11.5
327.59			321.18	3/3	
2.44			324.31	H.F.	
330.02	4.5				
324.75	325.35	325.75	325.35	324.75	
5.27	4.67	4.27	4.67	5.27	

325.44	321.50	325.50
1.50	3.9	7.2
323.83		
333.48		

West

S Line Upas St.

S line	15'	321.75	321.00	320.60	321.00	320.60	321.00	321.25
		321.00	320.00		320.00		320.00	321.00
+	15'	321.45	320.25	320.85	321.75	320.85	320.75	321.25
N line	15'	321.50	320.50	321.10	321.50	321.10	321.50	321.50
		321.75	321.50	321.10	321.50	321.10	321.50	321.75

N Line Upas St.

N line	321.75	321.50	321.10	321.50	321.10	321.50	321.75
75	322.08	321.83	321.43	321.83	321.43	321.83	322.08
50	322.42	322.17	321.77	322.17	321.77	322.17	322.42
75	322.75	322.50	322.10	322.50	322.10	322.50	322.75
100	323.08	322.83	322.43	322.83	322.43	322.83	323.08
125	323.42	323.17	322.77	323.17	322.77	323.17	323.42
150	323.75	323.50	323.10	323.50	323.10	323.50	323.75
175	324.08	323.83	323.43	323.83	323.43	323.83	324.08
200	324.42	324.17	323.77	324.17	323.77	324.17	324.42
225	324.75	324.50	324.10	324.50	324.10	324.50	324.75
250	325.08	324.83	324.43	324.83	324.43	324.83	325.08
275	325.42	325.17	324.77	325.17	324.77	325.17	325.42
300.0	325.75	325.50	325.10	325.50	325.10	325.50	325.75

S Line Myrtle St.

S line	325.75	325.50	325.10	325.50	325.10	325.50	325.75
S curb	325.50	325.50	325.18	325.58	325.18	325.50	325.50
	324.50	324.50		324.50		324.50	324.50
S 1/4	325.23	324.63	325.27	325.67	325.27	324.63	325.23
Center	325.75	324.75	325.35	325.75	325.35	324.75	325.75
N 1/4	325.60	324.87	325.43	325.83	325.43	324.87	325.60
N Curb	325.00	325.00	325.54	325.94	325.54	325.00	325.00
	326.00	326.00		326.00		326.00	326.00
N line	326.25	326.00	325.60	326.00	325.60	326.00	326.25

N line Myrtle St.

# HERMAN AVE.

## N. Line Myrtle St.

Line	326.25	326.00	325.60	326.00	325.60	326.00	326.25
25	326.56	326.31	325.91	326.31	325.91	326.31	326.56
50	326.88	326.63	326.23	326.63	326.23	326.63	326.88
75	327.19	326.94	326.54	326.94	326.54	326.94	327.19
100	327.50	327.25	326.85	327.25	326.85	327.25	327.50
125	327.81	327.56	327.16	327.56	327.16	327.56	327.81
150	328.13	327.88	327.48	327.88	327.48	327.88	328.13
175	328.44	328.19	327.79	328.19	327.79	328.19	328.44
200	328.75	328.50	328.10	328.50	328.10	328.50	328.75
225	329.06	328.81	328.41	328.81	328.41	328.81	329.06
250	329.38	329.13	328.73	329.13	328.73	329.13	329.38
275	329.69	329.44	329.04	329.44	329.04	329.44	329.69
300	330.00	329.75	329.35	329.75	329.35	329.75	330.00
325	330.31	330.06	329.66	330.06	329.66	330.06	330.31
350	330.63	330.38	329.98	330.38	329.98	330.38	330.63
375	330.94	330.69	330.29	330.69	330.29	330.69	330.94
400	331.25	331.00	330.60	331.00	330.60	331.00	331.25
425	331.56	331.31	330.91	331.31	330.91	331.31	331.56
450	331.88	331.63	331.23	331.63	331.23	331.63	331.88
475	332.19	331.94	331.54	331.94	331.54	331.94	332.19
500	332.50	332.25	331.85	332.25	331.85	332.25	332.50
525	332.81	332.56	332.16	332.56	332.16	332.56	332.81
550	333.13	332.88	332.48	332.88	332.48	332.88	333.13
575	333.44	333.19	332.79	333.19	332.79	333.19	333.44
600.0	333.75	333.50	333.10	333.50	333.10	333.50	333.75

## S. Line Dwight St.

327.59	327.90	328.21	328.52	328.83	329.14	329.45	329.76	330.07	330.38	330.69	331.00	331.31	331.62	331.93	332.24	332.55	332.86	333.17	333.48	333.79	334.10	334.41	334.72	335.03	335.34	335.65	335.96	336.27	336.58	336.89	337.20	337.51	337.82	338.13	338.44	338.75	339.06	339.37	339.68	340.00																																																					
9.45	9.65	9.85	10.05	10.25	10.45	10.65	10.85	11.05	11.25	11.45	11.65	11.85	12.05	12.25	12.45	12.65	12.85	13.05	13.25	13.45	13.65	13.85	14.05	14.25	14.45	14.65	14.85	15.05	15.25	15.45	15.65	15.85	16.05	16.25	16.45	16.65	16.85	17.05	17.25	17.45	17.65	17.85	18.05	18.25	18.45	18.65	18.85	19.05	19.25	19.45	19.65	19.85	20.05																																								
+1.4	+1.6	+1.8	+2.0	+2.2	+2.4	+2.6	+2.8	+3.0	+3.2	+3.4	+3.6	+3.8	+4.0	+4.2	+4.4	+4.6	+4.8	+5.0	+5.2	+5.4	+5.6	+5.8	+6.0	+6.2	+6.4	+6.6	+6.8	+7.0	+7.2	+7.4	+7.6	+7.8	+8.0	+8.2	+8.4	+8.6	+8.8	+9.0	+9.2	+9.4	+9.6	+9.8	+10.0	+10.2	+10.4	+10.6	+10.8	+11.0	+11.2	+11.4	+11.6	+11.8	+12.0	+12.2	+12.4	+12.6	+12.8	+13.0	+13.2	+13.4	+13.6	+13.8	+14.0	+14.2	+14.4	+14.6	+14.8	+15.0	+15.2	+15.4	+15.6	+15.8	+16.0	+16.2	+16.4	+16.6	+16.8	+17.0	+17.2	+17.4	+17.6	+17.8	+18.0	+18.2	+18.4	+18.6	+18.8	+19.0	+19.2	+19.4	+19.6	+19.8	+20.0

May 23-1913

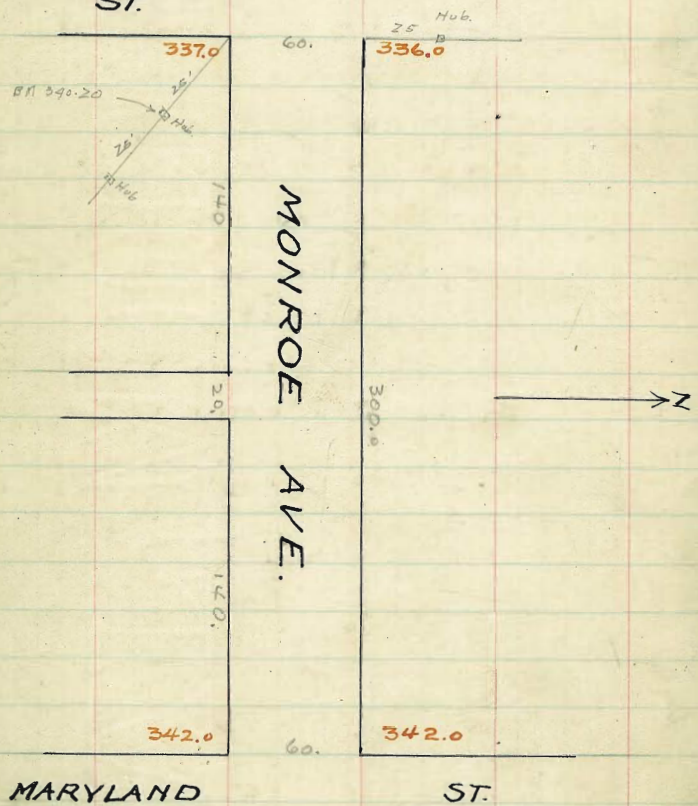
West  
Evans  
Moore

Set both ends of block & Raked for union grade stakes.

327.59	333.50	333.10	333.13	332.88	332.48
6.26	0.34	0.74	6.71	0.96	1.36
333.84					
333.75					
332.50	332.25	331.85	331.88	331.63	331.23
1.84	1.59	1.99	1.96	2.21	2.61
331.25	331.00	330.60	330.63	330.38	329.98
2.59	2.54	3.24	3.21	3.46	3.86
330.00	329.75	329.35	329.38	329.13	328.73
3.84	4.09	4.49	4.46	4.71	5.11
328.75	328.50	328.10	328.13	327.88	327.48
5.09	5.34	5.74	5.71	5.96	6.36
327.50	327.25	326.85	326.88	326.63	326.23
6.34	6.59	6.99	6.96	7.21	7.61
326.25	326.00	325.60	325.75	325.75	325.35
7.69	7.84	8.24	8.09	9.09	8.49

333.83 326.743 333.43 330.5



NEW JERSEY  
ST.

MARYLAND

ST.

Turn ~~upside~~ down  
MONROE AVE.

W. line Maryland St.

North

South	342.75	342.00	341.60	342.00	341.60	342.00	342.75
5	342.17	341.92	341.51	341.91	341.50	341.90	342.15
25	341.83	341.58	341.17	341.54	341.12	341.50	341.75
50	341.42	341.17	340.73	341.08	340.64	341.00	341.25
75	341.00	340.75	340.30	340.62	340.16	340.50	340.75
100	340.58	340.33	339.87	340.17	339.68	340.00	340.25
125	340.17	339.92	339.43	339.71	339.20	339.50	339.75
150	339.75	339.50	339.00	339.28	338.72	339.00	339.25
175	339.33	339.08	338.57	338.79	338.26	338.50	338.75
200	338.92	338.67	338.13	338.33	337.77	338.00	338.25
225	338.50	338.25	337.70	337.87	337.29	337.50	337.75
250	338.08	337.83	337.27	337.42	336.81	337.00	337.25
275	337.67	337.42	336.83	336.96	336.33	336.50	336.75
300	337.25	337.00	336.40	336.50	335.85	336.00	336.25

E. line New Jersey St.

Hold over your head.

BM 311 Cleveland & Monroe Spk File. 347.73

11 SE. Maryland ... 344.96

2.85

350.58

7.45

343.13 = SE Cor Maryland T.P. Keelct.

1.45

344.58 + H?

13

344.58	344.58	344.58	344.58	344.58	344.58	344.58	344.58
2.21	2.35	6.38	3.32	3.74	15.00	10.56	4.81
342.37	342.23	338.20	341.26	340.64	329.58	330.02	339.77
342.25	342.25	341.25	341.72	344.58	340.25	339.25	339.77
C 0.12	F 0.02	F 3.05	F 0.16	C 0.06	F 10.67	F 5.23	C 0.01
344.58	344.58	344.58	344.58	344.58	344.58	344.58	344.58
4.40	7.63	7.30	4.85	5.25	6.44	4.38	
345.18	336.75	337.28	339.73	339.33	337.64	340.20 = BM	
338.82	338.25	337.27	338.08	337.25	336.25	340.20 = BM	
C 1.26	F 1.30	C 0.03	C 1.65	C 2.08	C 1.39		

Cuts & Fills - 400 ft. West - Exam Drain

340.20

2.81

343.01

343.01

343.01

343.01

336.01

342.01

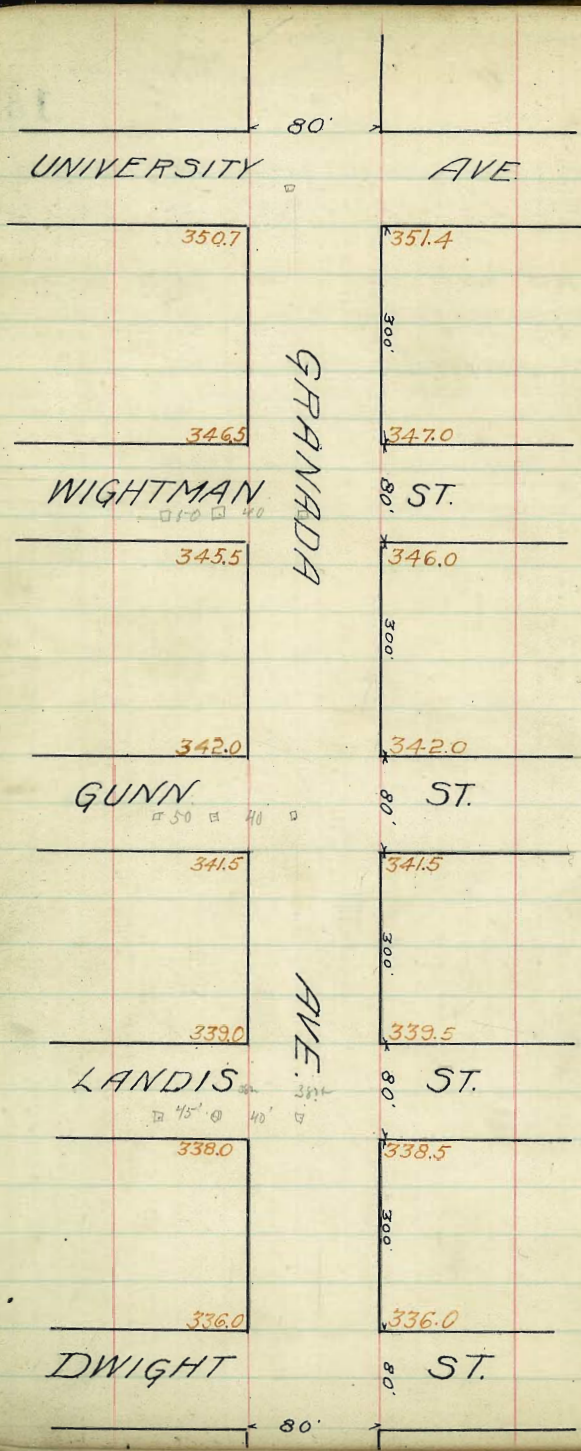
7.01

1.31

6.76

47.5 F??

Checks ok West 1/21/14



35443 Bm 29. Havers  
 0.32  
 354.79  
 8.72  
 346.06 Bm SW Wightm  
 1.22  
 348.29  
 6.64  
 341.65 Bm SW Gunn  
 2.79  
 345.14  
 5.81  
 339.23 Bm SW Landis

Bm 346.06 SW SAH  
 Wightman + Granada  
 342.25 SW Side  
 Gunn + Granada  
 14  
 339.23 SW SAH  
 Landis + Gunn



S. Line of University Ave to Wightman

WP	W.C.	1/4	1/2	3/4	E.C.	EP
0	350.95	350.70	350.875	351.05	350.80	351.40 351.65
+25	350.60	350.35	350.52	350.69	350.43	351.03 351.28
+50	350.25	350.00	349.77	350.33	350.07	350.67 350.92
+75	349.90	349.65	349.46	349.975	349.700	350.30 350.55
1	349.55	349.36	349.06	349.62	349.33	349.93 350.18
+25	349.20	348.95	348.73	349.26	348.97	349.57 349.82
+50	348.95	348.60	348.35	348.90	348.60	349.20 349.45
+75	348.50	348.25	348.00	348.54	348.23	348.83 349.08
2	348.15	347.90	347.64	348.18	347.87	348.47 348.72
+25	347.80	347.55	347.29	347.825	347.50	348.10 348.35
+50	347.45	347.20	346.93	347.47	347.13	347.73 347.98
+75	347.10	346.85	346.58	347.11	346.77	347.37 347.62
3	346.75	346.50	346.225	346.75	346.40	347.00 347.25

N Line of Wightman

346.75	346.50	346.225	346.75	346.40	347.00	347.25
No. Curb						
346.50	346.50				347.00	347.00
345.50	345.50	346.06	346.58	346.23	346.00	346.00
No. 4						
345.90	345.25	345.89	346.42	346.07	345.75	346.40
Center						
346.00	345.00	345.73	346.26	345.90	345.50	346.50
So. 1/2						
345.45	344.75	345.56	346.08	345.73	345.26	345.85
So. Curb						
344.50	344.50	345.39	346.92	345.57	345.00	346.00
345.50	345.50				346.00	346.00
So. Line						
345.75	345.50	346.25	346.75	346.40	346.00	346.26

346.6 Ben Wightman

352.40	46.50	46.22	46.75
	5.70	6.18	5.25
	47.20	47.64	46.14
	4.50	4.76	4.12
	47.50	47.80	49.62
	2.10	3.24	2.78
	48.20	50.42	51.5
	1.70	1.92	1.35

W. 1/2 only all other out  
1-7-13

346.6 Ben

352.40	46.50	46.22	46.75
	5.70	6.18	5.25
	47.20	47.64	46.14
	4.50	4.76	4.12
	47.50	47.80	49.62
	2.10	3.24	2.78
	48.20	50.42	51.5
	1.70	1.92	1.35

1-30-13 Check off W. 1/2 Wightman to W. 1/2  
1/2 of

346.6 Ben, N.E. Univ

5474	5474	5474	5474	5474	5474	5474	5474	5474	5474
51.05	52.33	49.63	48.90	48.18	47.47	46.75	46.05	45.35	44.65
3.69	4.41	5.12	5.84	6.56	7.27	7.99	8.71	9.43	10.15

2/11/13 all stks for E 1/2 of Wightman

DOAN'S  
EVANS,  
NORR.

GRANADA AVE

S. Line of Nightman to N. Line of Gunn.

	W.P.	W.C.	W.	C	W	E.C.	E.P.
0	345.75	345.50	345.225	345.75	345.40	346.00	346.25
+25	345.46	345.21	344.92	345.44	345.08	345.67	346.92
+50	345.17	344.92	344.62	345.125	344.77	345.33	345.58
+75	344.87	344.62	344.32	344.81	344.45	345.00	345.25
1	344.58	344.33	344.02	344.50	344.15	344.67	344.92
+25	344.29	344.04	343.71	344.19	343.82	344.33	344.58
+50	344.00	343.75	343.41	343.875	343.50	344.00	344.25
+75	343.71	343.46	343.11	343.56	343.18	343.67	343.92
2	343.42	343.17	342.81	343.25	342.87	343.33	343.58
+25	343.12	342.87	342.51	342.94	342.55	343.00	343.25
+50	342.83	342.58	342.20	342.625	342.23	342.67	342.92
+75	342.54	342.29	341.90	342.31	341.92	342.33	342.58
3	342.25	342.00	341.60	342.00	341.60	342.00	342.25

3443 Br Ann 742 Knorr

34425 Br SW Sta Gunn	4104	4317	4325	4374	4422
	410	443	457	457	460
247.60	4200	4258	4267	4433	4467
	5.80	1.04	4.93	3.27	2.93
344.60	4150	4600	4600	4492	4462
240.46	4.96	4.41		4.92	4.62
4.45	1150	4522	4571	454	4512
172.83	3.25	3.80	3.27	3.25	3.20
	4400	4450	4413	4241	4287
	5.0	4.54	4.89	5.61	5.21
346.66	4270	4322	4273	4200	4160
2.92	6.87	6.90	6.99	7.10	7.10
349.07	3420	3460			
	3.85	4.23			
345.93					

blot Ring 1-6-13  
blot 7-5 + Show

N. Line of Gunn

342.25	342.00	341.60	342.00	341.60	342.00	342.25
--------	--------	--------	--------	--------	--------	--------

No. Curbs

342.00	342.00	341.52	341.92	341.52	342.00	342.00
341.00	341.00				341.00	341.00

No. 1/4

341.4	340.87	341.43	341.83	341.43	340.87	341.4
-------	--------	--------	--------	--------	--------	-------

Center

341.75	340.75	341.35	341.75	341.35	340.75	341.75
--------	--------	--------	--------	--------	--------	--------

So. 1/4

341.22	340.62	341.27	341.67	341.27	340.62	341.22
--------	--------	--------	--------	--------	--------	--------

So. Curbs

340.50	340.50				341.50	340.50
341.50	341.50	341.18	341.58	341.18	341.50	341.50

So. Line

341.75	341.50	341.10	341.50	341.10	341.50	341.75
--------	--------	--------	--------	--------	--------	--------

1-30-13 blotted OK

blot

GRANADA AVE

S. Line of Gunn to N. Line of Landis

	W.P.	W.C.	1/4	C.	1/4	E.C.	E.P.
0	341.75	341.50	341.10	341.50	341.10	341.50	341.75
+25	341.54	341.29	340.90	341.31	340.92	341.33	341.58
+50	341.33	341.08	340.70	341.125	340.73	341.17	341.42
+75	341.12	340.87	340.50	340.94	340.55	341.00	341.25
1	340.92	340.67	340.31	340.75	340.37	340.83	341.08
+25	340.71	340.46	340.11	340.56	340.18	340.67	340.92
+50	340.50	340.25	339.91	340.375	340.00	340.50	340.75
+75	340.29	340.04	339.71	340.19	339.82	340.33	340.58
2	340.08	339.83	339.52	340.00	339.63	340.17	340.42
+25	339.87	339.62	339.32	339.81	339.45	340.00	340.25
+50	339.67	339.42	339.12	339.625	339.27	339.83	340.08
+75	339.56	339.21	338.92	339.44	339.08	339.67	339.92
3	339.25	339.00	338.725	339.25	338.90	339.50	339.75

N. Line of Landis

339.25	339.00	338.725	339.25	338.90	339.50	339.75
--------	--------	---------	--------	--------	--------	--------

No. Curbs

339.50

339.00	339.00	338.56	339.06	338.73	339.50	339.50
338.00	338.00				338.50	338.50

No. 1/4

338.40	337.75	338.39	338.89	338.57	338.26	338.90
--------	--------	--------	--------	--------	--------	--------

Center

338.50	337.50	338.23	338.73	338.40	338.0	339.0
--------	--------	--------	--------	--------	-------	-------

No. 1/4

337.85	337.25	338.06	338.56	338.23	337.75	338.35
--------	--------	--------	--------	--------	--------	--------

S. Curbs

337.0	337.0				337.50	337.50
338.0	338.0	337.89	338.39	338.07	338.10	338.50

S. Line

338.25	338.00	337.725	338.25	337.90	338.50	338.75
--------	--------	---------	--------	--------	--------	--------

34224 Bm Sw Gunn

34224	4110	4128	4127	4083	4167	4127	4110	3983	4017	3994	3993
	5154	3.92	3.97	4.21	4.37	4.79	4.84	4.21	4.87	5.62	5.62
34225	3900	3910	3910	3910	3910	3910	3910	3910	3910	3910	3910
	6.00	7.50									
34226	4110	4110	4109	4070	4110	4123	4117	4021	4075	4027	4027
	443	4.83	5.20	4.81	5.20	4.84	5.16	5.16	5.16	5.06	5.06
34227	3991	4037	4100	3952	4000	3963	3983	3912	3962	3912	3912
	6.00	5.26	5.23	4.78	4.20	4.67	4.47	4.18	4.18	4.03	4.03
34228	3920	3920	3920	3890	3950	3920	3920	3920	3920	3920	3920
	5.00	5.38	5.08	5.40	4.80						

1-7-13 all data set

34229	3900	3870	3925	3890	3950	3940	3912	3842	3875	3825	3825
	6.03	6.71	6.18	6.83	5.83	6.01	6.31	5.81	6.16	5.60	5.60
34230	3983	3910	4000	3963	4017	4011	3991	4032	4009	4050	4050
	5.60	5.91	5.43	5.80	5.25	5.48	5.92	5.06	5.50	4.93	4.93
34231	4067	4031	4075	4127	4083	4124	4120	4110	4078	4125	4125
	4.76	5.14	4.68	5.06	4.60	4.55	4.73	4.31	4.70	4.26	4.26
34232	4110	4110	4110	4110	4110	4110	4110	4110	4110	4110	4110
	5.23	5.33	5.18								

1-30-13 Checked OK

3900  
6.00

1

# GRANADA AVE.

S. Line of Landis to N. Line of Dwight

W.P.   W.C.   1/4   C.   1/4   E.C.   E.P.

0	338.25	338.00	337.725	338.25	337.90	338.50	338.25
+25	338.08	337.83	337.55	338.06	337.71	338.29	338.52
+50	337.92	337.67	337.37	337.875	337.52	338.08	338.33
+75	337.75	337.50	337.19	337.69	337.32	337.87	338.12
1	337.58	337.33	337.02	337.50	337.13	337.67	337.92
+25	337.42	337.17	336.84	337.31	336.94	337.46	337.71
+50	337.25	337.00	336.66	337.125	336.75	337.25	337.50
+75	337.08	336.83	336.49	336.94	336.46	337.04	337.29
2	336.92	336.67	336.31	336.75	336.37	336.63	337.08
+25	336.75	336.50	336.13	336.56	336.17	336.62	336.87
+50	336.58	336.33	335.96	336.375	335.98	336.42	336.67
+75	336.42	336.17	335.78	336.19	335.79	336.21	336.46
3	336.25	336.00	335.60	336.00	335.60	336.00	336.25

N. Line of Dwight

336.25	336.00	335.60	336.00	335.60	336.00	336.25
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No. Curb

No. 1/4

Center

S. 1/4

S. Curb

S. Line

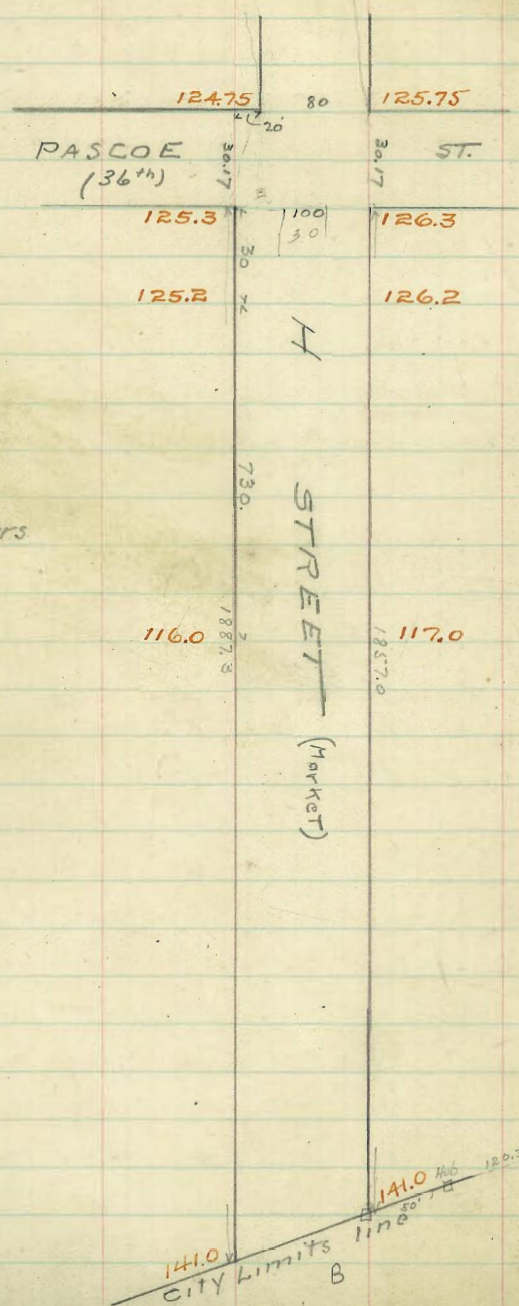
33923 Bm	3800	3810	3767	3804														
577	370	320	420	362														
341.70	323	3767	3700	3225	3667	3680	3620	3640	3620	3620	3640	3620	3620	3620	3620	3620	3620	3620
390	356	420	398	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
329.20	1-6-13																	
341.20	3280	3720	3825	3750	3810													
544.80	6.8	5.0	6.40	5.80														
329.20	3717	3787	3752	3762	3750	3713	3660	3710	3670	3710	3670	3710	3670	3710	3670	3710	3670	3710
341.85	4.48	398	4233	420	420	4.70	5.10	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70
	36.31	36.75	36.17	35.97	36.22	35.98	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00	36.00
	5.24	5.10	5.48	5.90	5.68	5.87												
	1-7-13																	
33923 Bm	3600	3560		3633	3585	3637	3587	3640										
205	368	314		331	370	321	370	326										
341.50	3607	2631	3675	3622	3620	3700	3660	3710	3670	3710	3670	3710	3670	3710	3670	3710	3670	3710
	4.91	5.20	4.90	5.24	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80	4.80
	37.23	32.02	37.10	37.13	37.17	37.67	37.37	37.87	37.12	37.12	37.12	37.12	37.12	37.12	37.12	37.12	37.12	37.12
	4.25	4.50	4.20	4.45	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81	4.81
	3800	3820	3825	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800	3800
	3.75	3.30	3.80	3.20	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

1-30-13

Check OK

Blange





16' Walks  
 17' Quarters

1873.8 1864.5

H. STREET

South

North

S N

21

W.L. Pascoe	125.0	124.75	124.60	125.25	125.15	125.75	126.0	+157 +88
Center	125.28	125.03	124.88	125.53	125.43	126.03	126.78	+157 +58
E.L. Pascoe	125.55	125.30	125.15	125.80	125.70	126.30	126.55	+161 +33
O=W.L. Pascoe								
50 E. of O	125.48	125.23	125.08	125.73	125.63	126.23	126.48	
-60.2	125.45	125.20	125.05	125.70	125.60	126.20	126.45	
75	125.26	125.01	124.86	125.51	125.41	126.01	126.76	
100	124.95	124.70	124.55	125.20	125.10	125.70	125.95	
125	124.63	124.38	124.23	124.88	124.78	125.38	125.63	
150	124.32	124.07	123.92	124.57	124.47	125.07	125.32	
175	124.00	123.75	123.60	124.25	124.15	124.75	125.00	
200	123.69	123.44	123.29	123.94	123.84	124.44	124.69	
225	123.37	123.12	122.97	123.62	123.52	124.12	124.37	
250	123.06	122.81	122.66	123.31	123.21	123.81	124.06	
275	122.74	122.49	122.34	122.99	122.89	123.49	123.74	
300	122.43	122.18	122.03	122.68	122.58	123.18	123.43	
325	122.11	121.86	121.71	122.36	122.26	122.86	123.11	
350	121.80	121.55	121.40	122.05	121.95	122.55	122.80	
375	121.48	121.23	121.08	121.73	121.63	122.23	122.48	
400	121.17	120.92	120.77	121.42	121.32	121.92	122.17	
425	120.85	120.60	120.45	121.10	121.00	121.60	121.85	
450	120.54	120.29	120.14	120.79	120.69	121.29	121.54	

125.56	125.18	125.55	125.57	125.72	125.7	126.55	126	121.07
181	181	181	181	181	181	181	181	181
74.09	74.09	74.09	74.09	74.09	74.09	74.09	74.09	74.09
50	50	50	50	50	50	50	50	50
125.56	125.18	125.55	125.57	125.72	125.7	126.55	126	121.07
181	181	181	181	181	181	181	181	181
74.09	74.09	74.09	74.09	74.09	74.09	74.09	74.09	74.09
50	50	50	50	50	50	50	50	50

Length of Col. built by Good body just east of Pascoe St 110' Long  $\frac{1}{2}$  Gregory

127.5 = 50' No. 14 at Pascoe

Center Shoulder Stakes  $\frac{1}{2}$  Gregory Moore Miller

H STREET

South

North

475 E of WL	120.22	119.97	119.84	120.47	120.37	120.97	121.22
500	119.91	119.66	119.51	120.16	120.06	120.66	120.91
525	119.59	119.34	119.19	119.84	119.74	120.34	120.59
550	119.28	119.03	118.88	119.53	119.43	120.03	120.28
575	118.96	118.71	118.56	119.21	119.11	119.71	119.96
600	118.65	118.40	118.25	118.90	118.80	119.40	119.65
625	118.33	118.08	117.93	118.58	118.48	119.08	119.33
650	118.02	117.77	117.62	118.27	118.17	118.77	119.02
675	117.70	117.45	117.30	117.95	117.85	118.45	118.70
700	117.39	117.14	116.99	117.64	117.54	118.14	118.39
725	117.07	116.82	116.67	117.32	117.22	117.82	118.07
750	116.76	116.51	116.36	117.01	116.91	117.51	117.76
775	116.44	116.19	116.04	116.69	116.59	117.19	117.44
790.2	116.25	116.00	115.85	116.50	116.40	117.00	117.25
800	116.47	116.22	116.07	116.72	116.61	117.21	117.46
825	117.02	116.77	116.62	117.27	117.16	117.76	118.01
850	117.58	117.33	117.17	117.82	117.71	118.31	118.56
875	118.13	117.88	117.72	118.37	118.26	118.86	119.11
900	118.69	118.44	118.28	118.92	118.80	119.40	119.65
925	119.24	118.99	118.83	119.47	119.35	119.95	120.20
950	119.79	119.54	119.38	120.02	119.90	120.50	120.75
975	120.35	120.10	119.94	120.57	120.44	121.04	121.29
1000	120.90	120.65	120.49	121.12	120.99	121.59	121.84
1025	121.46	121.21	121.04	121.67	121.54	122.14	122.39
1050	122.01	121.76	121.59	122.22	122.08	122.68	122.93
1075	122.57	122.32	122.15	122.77	122.63	123.23	123.48

110 -14.1 / 36.2 -13.6 -10.3 / 30.5  
 520 -13.9 / 48.4 -14.1 -12.7 / 34.1  
 570 -15.7 / 37.6 -13.4 -10.0 / 30.0  
 620 -10.5 / 30.3 -9.1 -6.0 / 24.0  
 670 -12.2 / 33.3 -10.3 -7.1 / 25.7  
 720 -24.5 / 57.8 -20.1 -15.1 / 37.7  
 760.225 (CULVERT AT 725 E OF EL. PASCOE 57.7' ea. of & INLET IS 800 E OF EL PASCOE 46.9 No. of & Total Length = 115 -19.2 / 44.6 -19.5 -14.3 / 43.5  
 770 -9.2 / 29.0 -5.7 -3.4 / 20.1  
 820 120.57 / 120.07 / 118.8 -16.3 / 39.5 -9.5 -5.5 / 23.3  
 870 120.57 / 120.07 / 118.8 -18.6 / 42.9 -16.5 -12.0 / 33.0  
 1020 3rd OUTLET AT RT L'S TO STA 945 E. OF EL PASCOE 48.2 ea. of & INLET AT RT L'S TO STA 993 E. OF EL PASCOE 36.2 No. of & Total Length = 95 Feet. -16.7 / 40.1 -12.7 -10.6 / 30.7

CROSS-SECTION STAKES 5/16 Gregor / Spooner  
 CULV. STAKES 1/16 Moore  
 1120 120.15 1126 1125 1123 1122 1121 1120 1119 1118 1117 1116 1115 1114 1113 1112 1111 1110 1109 1108 1107 1106 1105 1104 1103 1102 1101 1100  
 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150  
 Center + Shoulder Stakes 6/15 Gregor / Moore

113.47

22



H. STREET

South

North

1100	1125	1150	1175	1200	1225	1250	1275	1300	1325	1350	1375	1400	1425	1450	1475	1500	1525	1550	1575	1600	1625	1650	1675	1700	1725
123.12	123.43	123.23	124.78	125.34	125.89	126.45	127.00	127.56	128.11	128.66	129.22	129.77	130.33	130.88	131.44	131.99	132.55	133.10	133.65	134.21	134.76	135.32	135.87	136.43	136.98
122.87	123.25	123.80	124.53	124.91	125.46	126.01	126.57	127.12	127.67	128.22	128.78	129.33	129.88	130.44	130.99	131.54	132.09	132.65	133.20	133.75	134.30	134.86	135.41	135.96	136.51
122.70	123.27	124.42	124.97	125.53	126.08	126.63	127.18	127.73	128.28	128.83	129.38	129.93	130.48	131.03	131.58	132.13	132.68	133.23	133.78	134.33	134.89	135.44	135.99	136.54	137.09
123.18	123.72	124.87	125.42	125.97	126.51	127.06	127.61	128.15	128.70	129.25	129.79	130.34	130.89	131.43	131.98	132.53	133.08	133.62	134.17	134.72	135.26	135.81	136.36	136.90	137.45
123.78	124.32	125.47	125.97	126.51	127.06	127.61	128.15	128.70	129.25	129.79	130.34	130.89	131.43	131.98	132.53	133.08	133.62	134.17	134.72	135.26	135.81	136.36	136.90	137.45	138.00
124.03	124.57	125.12	125.67	126.22	126.76	127.31	127.86	128.40	128.95	129.50	130.04	130.59	131.14	131.68	132.23	132.78	133.33	133.87	134.42	134.97	135.51	136.06	136.61	137.15	137.70

BH, 114.06 on tel pole

124.824

1070

1086.5

1099.6

1094.6

123.97

123.22  
11.4  
-0.3  
-0.15

123.52  
0.68  
-0.33  
-0.15

123.77  
0.69  
-0.33  
-0.15

123.76  
0.70  
-0.33  
-0.15

123.76  
0.70  
-0.33  
-0.15

123.76  
0.70  
-0.33  
-0.15

123.22  
-0.96  
-0.50  
123.72  
0.82  
0.86

123.22  
1.16  
0.99  
0.85  
123.22  
1.06  
0.82

123.22  
1.16  
0.99  
0.85

-2.5  
27.8  
-4.0  
-3.0  
17.5

-2.4  
-5.0  
-1.2  
-0.0  
15.0  
+1.0  
15.0

0.0  
15.0

Center & Shoulder Stakes 1915 Gregory Moore Miller

H. STREET

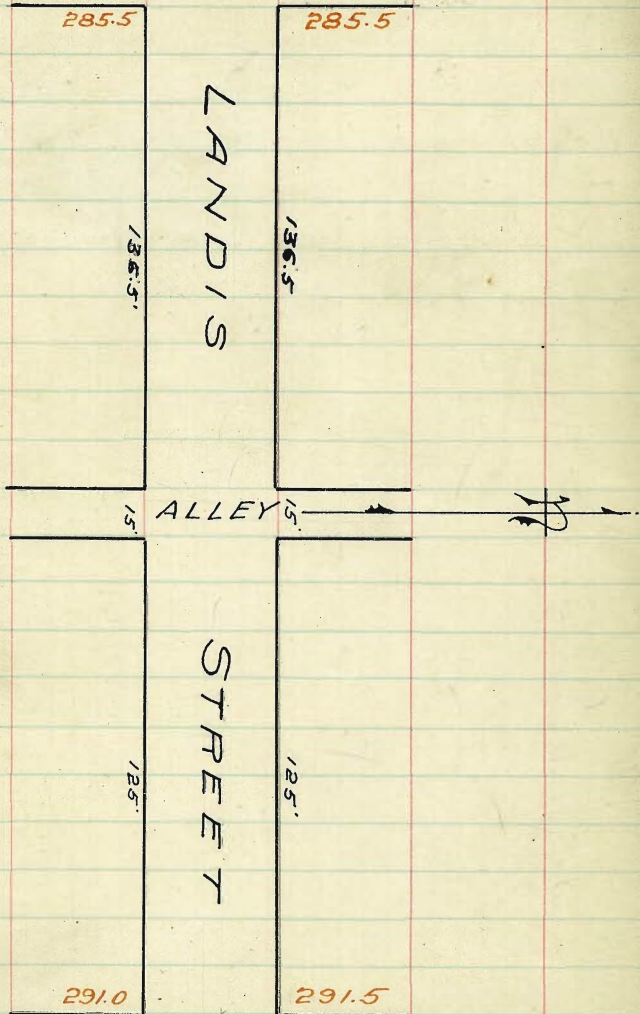
South

North

1750 <sup>Pascoe</sup> E. of W.L.	137.54	137.29	137.07	137.64	137.46	138.00	138.25
1775	138.09	137.84	137.62	138.19	137.95	138.53	138.80
1800	138.64	138.39	138.17	138.74	138.49	139.09	139.34
1825	139.20	138.95	138.72	139.29	139.04	139.64	139.89
1850	139.75	139.50	139.28	139.84	139.59	140.19	140.44
1875	140.31	140.06	139.83	140.39	140.13	140.73	140.98
1887.2	140.58	140.33	140.10	140.66	140.40	141.00	141.25
1917.5 on S. 1887.2 on N. }	141.25	141.00	140.55	140.99	140.62	141.00	141.25

CITY LIMITS

ARIZONA ST.



ARNOLD ST.

Grades on Landis St  
E. line of Arizona. to W. Line of Arnold

S.P.L.	E. Line of Arizona	N.P.L.						
0	285.76	285.50	285.10	285.50	285.10	285.50	285.75	-2.5 -2.4
25	286.25	286.00	285.61	286.02	285.63	286.05	286.30	-2.8 -2.5
50	286.75	286.50	286.12	286.55	286.15	286.59	286.84	-2.8 -2.8
75	287.25	287.00	286.64	287.07	286.68	287.14	287.39	-2.6 -2.8
1	287.75	287.50	287.15	287.59	287.21	287.68	287.93	-2.5 -2.9
25	288.25	288.00	287.66	288.11	287.74	288.23	288.48	-2.3 -2.9
50	288.75	288.50	288.17	288.64	288.26	288.77	289.02	-2.2 -2.6
75	289.25	289.00	288.68	289.16	288.79	289.32	289.57	-1.7 -2.4
2	289.75	289.50	289.19	289.64	289.32	289.86	290.11	-1.4 -2.3
25	290.25	290.00	289.71	290.20	289.85	290.41	290.66	-1.2 -1.6
50	290.75	290.50	290.22	290.73	290.37	290.95	291.20	
75	291.25	291.00	290.73	291.25	290.90	291.50	291.75	+0.1 +0.3

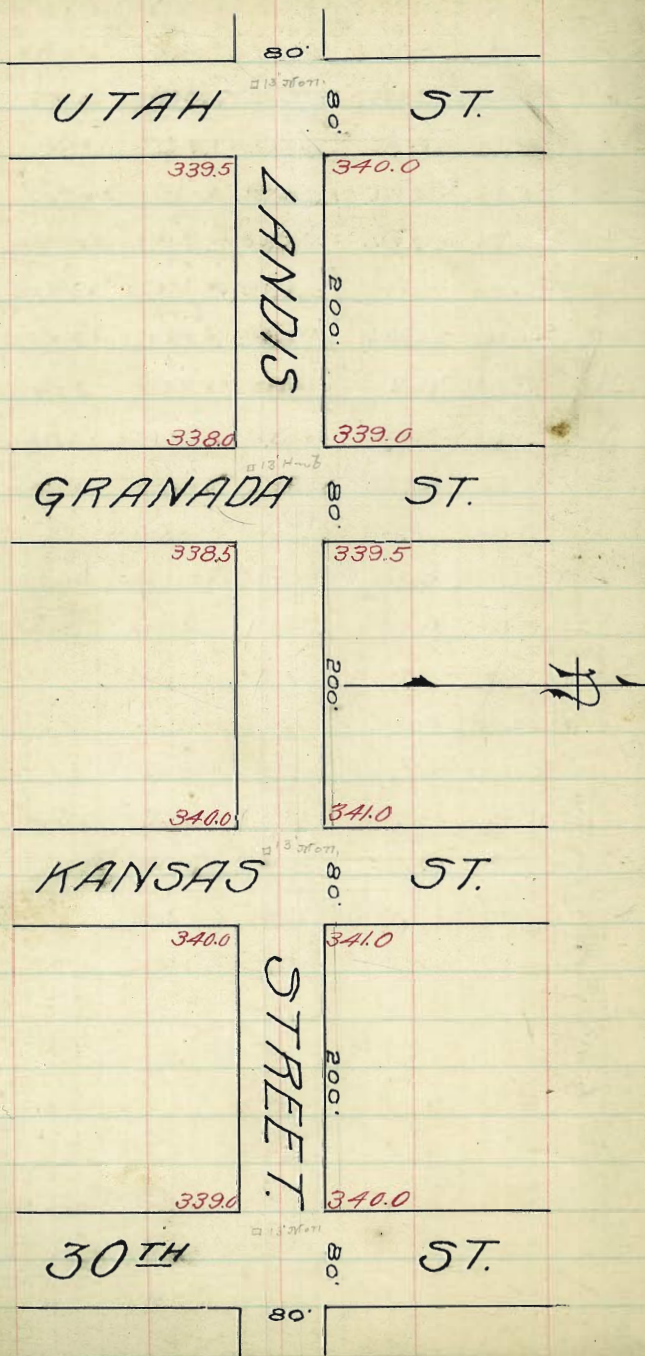
287.94  
287.61 H.T.

292.61	292.07	292.61	292.21	292.61	292.61	292.61	292.61	292.61
84.75	85.75	86.34	86.08	87.25	87.93	87.02	88.75	89.75
2.96	6.96	5.77	5.82	4.96	4.68	3.57	3.86	2.86
6.9	6.9	8.7	9.0	7.5	7.5	5.2	5.7	4.2
0.0	0.0	-2.9	-2.6	-2.6	-2.8	-1.8	-1.8	-1.3

292.61 292.61 292.61 292.61 +4 - stakes April 29-1913  
91.20 90.70 91.25 91.75  
1.41 1.86 1.36 0.86  
1.6 2.5 1.3 0.0  
-0.2 -0.6 4.0 4.9

285.61	286.12	288.17	290.22
9.01 H.T.	8.50	6.45	4.40
294.62	286.55	288.64	290.73
	8.07	5.98	3.89
285.10	286.15	288.26	290.37
9.52	8.47	6.36	4.25
285.5	287.21	289.32	290.90
9.12	7.41	5.30	3.72
285.10	287.59	289.68	291.25
9.52	7.03	4.94	3.37
	287.15	289.19	290.73
	7.47	5.43	3.89

chk. O.K. J. Childs  
May 27/13  
alter  
Bunker





GRADES on LANDIS ST  
E.L. of KANSAS to Y.L. of 30th

0	340.25	340.00	339.85	340.50	340.40	341.00	341.26
125	340.12	339.87	339.72	340.37	340.27	340.87	341.12
150	340.00	339.75	339.60	340.25	340.15	340.75	341.00
175	339.87	339.62	339.47	340.12	340.02	340.62	340.87
1	339.75	339.50	339.35	340.00	339.90	340.50	340.75
125	339.62	339.37	339.22	339.87	339.77	340.37	340.62
150	339.50	339.25	339.10	339.75	339.65	340.25	340.50
175	339.37	339.12	338.97	339.62	339.52	340.12	340.37
2	339.25	339.00	338.85	339.50	339.40	340.00	340.25

Pole NW Cor Landis & 30th.

344.83	344.83	344.83	344.83	344.83	344.83	344.83	344.83	344.83	344.83
39.25	39.25	39.25	39.25	39.25	39.25	39.25	39.25	39.25	39.25
4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47	4.47
10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4

12 - stake June 19 - 1913 Dorman, Shaw, & Shaw

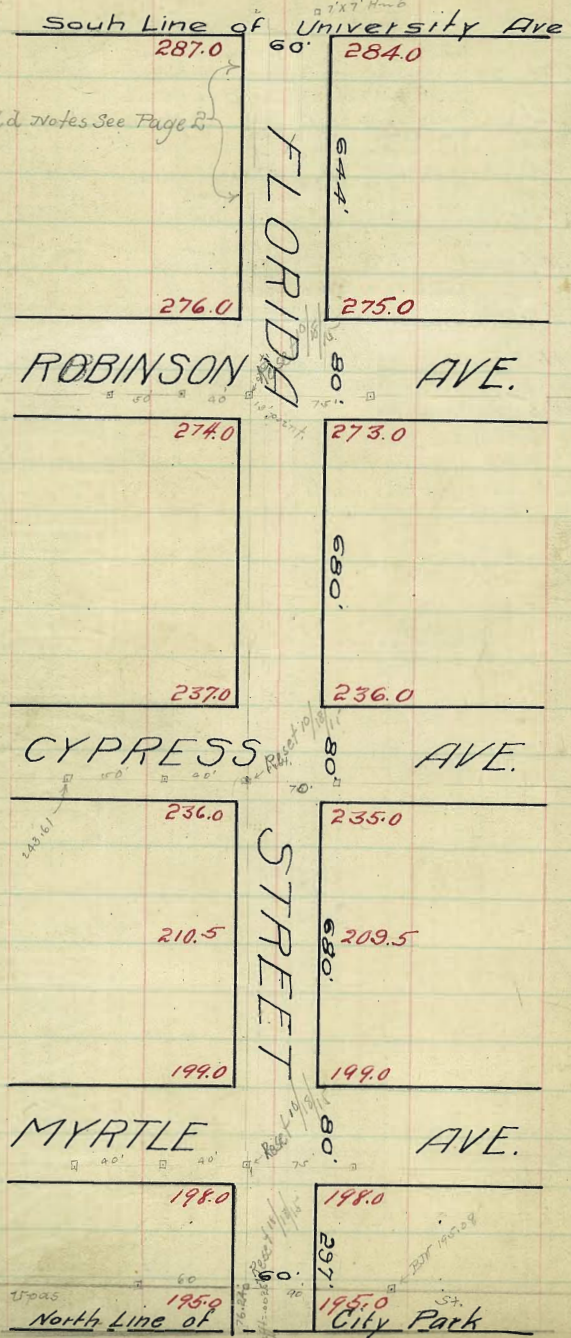
T.P. 340.36 Spk Pole SW Cor Landis & Kansas.

40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26
10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4

340.37 Finish curb & property Aug 6 - 1913  
Dorman, Shewmaker, Shaw.

checked by Dorman, Shewmaker, Shaw, Aug 15 - 1913.  
Woods touching up where 2nd stake on 1/2 & center, & garden walls on South  
side have some loose dirt on it.

For Wall Field Notes See Page 2



Notes for a culvert on Lower Florida.  
 From North Line of Myrtle to the 4 in Culvert = 297.0'  
 From a on Center Line to end of intake = 13.76'  
 From North Line of Myrtle to a point opposite center stake for intake = 309.94'  
 Grade opposite Sta 204.94' = 107.89 curb.  
 Ties for North Point are sidewalk stakes Ro'uso East, with a line point in West Bank  
 Curb grade at a = 207.69  
 207.69 - 5.15 = 202.54 Flowline at a point.  
 Elev 202.54 = Intake Culvert.  
 (Note) Flowline in all cases = 5.15 below curb grade.

Pattern of 18" sewer pipe - Manhole 2' in of radius point = 190.12

207.20	216.82	205.68	205.98	202.12	202.12	202.12	202.12
17.26	107.67	199.00	94.00	94.00	94.62	194.27	94.00
375.4 HI	205.3	6.88	2.88	7.12	7.00	7.83	9.12

% of Grade of Pipe across Upas St. = 90'

" " " " " " at PC = 194.82  
 " " " " " " EC = 194.29  
 " " " " " " Outlet = 194.00 } - 6.0

Set stakes for 36" culvert on 3' offset giving a cut of 6'  
 Oct 26-1914  
 (Donnan Miller Share)

207.16	210.19	210.19	210.19
12.88	201.27	208.00	208.10
211.04 HI	91.2	159.9	310.0

207.94    208.14    2.20



GRADES ON FLORIDA ST  
 From South Line of University to N.L. Robinson  
 WEST EAST

0	287.25	287.00	286.40	285.50	284.35	284.00	284.25
25		286.57	285.97	285.11	283.96	283.65	283.90
50		286.15	285.55	284.72	283.57	283.30	283.55
75		285.73	285.13	284.34	283.19	282.95	283.20
1		285.30	284.70	283.95	282.80	282.60	282.85
25		284.87	284.27	283.56	282.41	282.26	282.51
50		284.45	283.85	283.17	282.02	281.91	282.16
75		284.02	283.42	282.79	281.64	281.56	281.81
1		283.59	282.99	282.40	281.25	281.21	281.46
25		283.16	282.56	282.01	280.86	280.86	281.11
50		282.74	282.14	281.62	280.47	280.51	280.76
75		282.31	281.71	281.24	280.09	280.16	280.41
1		281.88	281.28	280.85	279.70	279.81	280.06
25		281.45	280.85	280.46	279.31	279.47	279.72
50		281.03	280.43	280.07	278.92	279.12	279.37
75		280.60	280.00	279.69	278.54	278.77	279.02
1		280.17	279.57	279.30	278.15	278.42	278.67
25		279.74	279.14	278.91	277.76	278.07	278.32
50		279.32	278.72	278.52	277.37	277.72	277.97
75		278.89	278.29	278.14	276.99	277.37	277.62
1		278.46	277.86	277.75	276.60	277.02	277.27
25		278.03	277.43	277.36	276.21	276.68	276.93
50		277.61	277.01	276.92	275.77	276.33	276.58
75		277.18	276.58	276.59	275.44	276.08	276.23
1		276.75	276.15	276.20	275.05	275.63	275.88
25		276.32	275.72	275.81	274.66	275.28	275.53
44	276.25	276.0	275.4	275.5	274.85	275.0	275.25

FOR SIDEWALK GRADES SEE PAGE OPPOSITE

N.L. Robinson

Table of Florida University Ave.

29865	29865	29865	29865	29865	29865	29865	29865	29865
87.00	84.25	83.55	86.15	85.30	82.85	82.16	84.45	
11.65	14.40	15.10	12.50	13.35	15.80	16.49	14.80	
12.5	16.4	20.3	10.6	9.2	21.1	19.0	6.0	
0.8	-2.0	-5.2	+1.9	+4.2	-5.3	-2.6	+8.2	32
29865	29865	29865	29865	29865	29865	29865	29865	29865
83.57	81.46	80.76	82.74	81.88	80.06	79.37	81.03	29865
15.06	17.19	17.89	15.91	16.77	18.59	19.88	17.62	29865
4.3	19.6	18.7	3.0	2.9	18.6	17.5	5.0	29865
+10.8	-2.4	-0.8	+2.9	+3.9	0.0	+1.8	+13.8	29865
29865	29865	29865	29865	29865	29865	29865	29865	29865
17.97	19.32	18.46	17.27	16.58	17.61	18.46	18.616	29865
20.68	19.33	20.19	21.38	22.07	21.04	21.1	20.25	29865
15.3	6.4	7.4	14.8	16.9	16.5	7.1	10.2	29865
+5.4	+12.9	+12.8	+6.6	+5.2	+10.5	+5.7	+2.9	29865

(Note) West line of stakes are set on the curb line and 1 foot added to the calculated cuts to give the cut to the gutter.

+ a - stakes June 4th 1914

BT 11.00 40' West the Hub for 13' point Florida & Robinson Ave

Reset all + a - stakes that had been lost August 14

Set + a - stakes for property along wall - See page 2

Sept 2-1914 Demman-J Miller-Shaw

Set spikes in West bank with a cut of 8' - Oct 26-14

Oct 29-1914 Demman-J Miller-Shaw Finish stakes

Checked curb in this B.M. 2 toward it Q.R. for grade & in some Subgrade: most of it OK, but some spots on the upper quarter were high, at which places we set + stakes.

GRADES ON FLORIDA ST.  
N LINE OF ROBINSON  
W<sub>1</sub> TO S LINE ROBINSON

N LINE OF ROBINSON

276.25 276.0 275.4 275.5 274.85 275.0 276.25

N CURB

276.0 276.0 275.06 275.16 274.57 275.0 275.0  
275.0 275.0 274.0 274.0

N  $\frac{1}{4}$

275.4 274.5 274.73 274.83 274.18 273.5 274.4

CENTER

275.0 274.0 274.80 274.50 273.85 273.0 274.0

S  $\frac{1}{4}$

274.1 273.5 274.06 274.16 273.51 272.6 273.1

S CURB

273.0 273.0 172.0 272.0  
274.0 274.0 273.73 273.83 273.18 273.0 273.0

S LINE OF ROBINSON

274.25 274.0 273.40 273.50 273.85 273.0 273.25

Checked subgrade & found it O.K. except in a few places at <sup>38</sup> where it  
was a little high at <sup>38</sup> which places I set 4 stakes

May 3-1915

Cherran  
Miller  
Ford

GRADES ON FLORIDA.

S. LINE OF ROBINSON TO N LINE CYPRESS

	WEST			EAST			
0	274.25	3740	373.40	373.52	372.85	373.0	373.25
+25	272.88	272.63	272.03	272.13	271.48	271.63	271.88
+50	271.62	271.27	270.67	270.77	270.12	270.27	270.52
+75	270.16	269.91	269.31	269.41	268.76	268.91	269.16
1	268.80	268.65	267.95	268.05	267.40	267.55	267.80
+25	267.44	267.19	266.59	266.69	266.04	266.19	266.44
+50	266.90	266.65	266.05	266.15	265.50	265.65	265.90
+75	266.08	265.83	265.23	265.33	264.68	264.83	265.08
+100	265.54	265.29	264.69	264.79	264.14	264.29	264.54
+125	264.72	264.47	263.87	263.97	263.32	263.47	263.72
2	263.36	263.11	262.51	262.61	261.96	262.11	262.36
+25	262.00	261.75	261.15	261.25	260.60	260.75	261.00
+50	260.64	260.39	259.79	259.89	259.24	259.39	259.64
+75	259.28	259.03	258.43	258.53	257.88	258.03	258.28
3	257.92	257.67	257.07	257.17	256.52	256.67	256.92
+25	256.56	256.31	255.71	255.81	255.16	255.31	255.56
+50	255.20	254.95	254.35	254.45	253.80	253.95	254.20
+75	253.84	253.59	252.99	253.09	252.44	252.59	252.84
4	252.48	252.23	251.63	251.73	251.08	251.23	251.48
+25	251.12	250.87	250.27	250.37	249.72	249.87	250.12
+50	249.76	249.51	248.91	249.01	248.36	248.51	248.76
+75	248.40	248.15	247.55	247.65	247.00	247.15	247.40
5	247.04	246.79	246.19	246.29	245.64	245.79	246.04
+25	245.68	245.43	244.83	244.93	244.28	244.43	244.68
+50	244.32	244.07	243.47	243.57	242.92	243.07	243.32
+75	242.96	242.71	242.11	242.21	241.56	241.71	241.96
6	241.60	241.35	240.75	240.85	240.20	240.35	240.60
+25	240.24	239.99	239.39	239.49	238.84	238.99	239.24
+50	238.88	238.63	238.03	238.13	237.48	237.63	237.88
+75	237.52	237.27	236.67	236.77	236.12	236.27	236.52

STATION	WEST	EAST	DIFFERENCE
0	274.25	3740	-3.5
+25	272.88	272.03	-4.3
+50	271.62	270.67	-4.9
+75	270.16	269.41	-6.4
1	268.80	267.55	-7.9
+25	267.44	266.69	-9.7
+50	266.90	266.15	-12.5
+75	266.08	265.33	-17.0
+100	265.54	264.79	-19.2
+125	264.72	263.97	-23.6
2	263.36	262.61	-8.8
+25	262.00	261.25	-5.3
+50	260.64	259.89	-2.5
+75	259.28	258.53	-0.6
3	257.92	257.17	-0.4
+25	256.56	255.81	+1.2
+50	255.20	254.45	+2.0
+75	253.84	253.09	+2.3
4	252.48	251.73	+2.3
+25	251.12	250.37	+2.5
+50	249.76	249.01	+1.3
+75	248.40	247.65	+2.8
5	247.04	246.29	+2.9
+25	245.68	244.93	+3.3
+50	244.32	243.57	+3.6
+75	242.96	242.21	+3.2
6	241.60	240.85	+1.9
+25	240.24	239.49	+0.2
+50	238.88	238.13	-1.6
+75	237.52	236.77	-6.0

3+

238.49  
+0.7  
239.67 HI  
1.24  
B.M. 35.37

Demmer  
Miller  
Shard

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Demmer  
Miller  
Shard

Reset all + & - stakes that had been lost Aug 27-19

Finish stakes Oct 19-1914

Curb in this Elk OK for grade & line.

Subgrade " " " May 3-1914

GRADES ON FLORIDA  
N LINE of C

N LINE OF CYPRESS

237.25 237.0 236.40 236.60 236.86 236.0 236.25

N CURB

237.0 237.0 236.0 236.6

236.0 236.0 236.23 236.33 236.68 235.0 235.0

N 1/4

236.4 236.75 236.07 236.17 236.62 234.75 235.4

CENTER

236.5 235.50 235.90 236.0 235.35 234.50 235.5

S 1/4

235.86 235.25 236.73 235.83 236.18 234.25 234.85

S CURB

235.00 235.00 234.00 234.00

236.00 236.00 235.57 235.67 235.02 235.00 236.00

S LINE OF CYPRESS

236.25 236.00 236.40 235.60 234.86 235.0 235.25

Checked subgrade & found it O.K. May 6-1916  
E. W. Miller  
Shard



GRADES ON FLORIDA  
Intersection of MYRTLE

N LINE OF MYRTLE

199.25 199.0 198.6 199.0 198.6 199.0 199.25

N CURB

199.0 199.0 198.43 198.83 198.43 199.0 199.0

198.0 198.0 198.0 198.0

N 1/4

198.4 197.75 198.27 198.67 198.27 197.75 198.4

CENTER

198.5 197.50 198.1 198.5 198.1 197.6 198.5

S 1/4

197.85 197.25 197.93 198.33 197.93 197.25 197.85

S CURB

197.0 197.0 197.0 197.0

198.0 198.0 197.77 198.17 197.77 198.0 198.0

S LINE OF MYRTLE

198.25 198.0 197.6 198.0 197.6 198.0 198.25

Grade checked O.H. Mayle<sup>th</sup> 1985, Herman Miller, Shad

198.25 198.0 197.6 198.0 197.6 198.0 198.25  
 198.03 197.78 197.38  
 197.78 197.53 197.13  
 197.55 197.30 196.90  
 197.32 197.07 196.67  
 197.09 196.84 196.44  
 196.86 196.61 196.21  
 196.63 196.38 196.98  
 196.40 196.15 195.75  
 196.17 195.92 195.52  
 195.94 195.69 195.29  
 195.71 195.46 195.06  
 195.48 195.23 194.83 195.23 194.83 195.23 195.48  
 195.25 195.0 194.6 195.0 194.6 195.0 195.25

N.L. Park

N-L. UPAS = 74.5 FT ST. 13 MARK 1312 1/2

195.75 195.00 194.4 195.00 194.4 195.00 195.75

195.00 195.00 194.44 194.54 194.44 195.00 195.00  
 194.00 194.00

194.40 193.75 194.27 194.17 194.27 193.75 194.4

194.50 193.50 194.10 194.10 194.1 193.5 194.5

193.85 193.75 193.93 194.33 193.93 193.25 193.85

193.00 193.00 193.0 193.0  
 SCV6 194.00 194.00 193.74 194.16 193.75 194.0 194.0

194.25 194.00 193.5 194.00 193.5 194.00 194.25

S.L. UPAS = N-L. PARK

205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82
7.07	7.57	8.04	8.04	8.73	8.73	9.19	9.19	9.65	9.65	10.11	10.11	10.57	10.57
W	E	E	W	W	E	E	W	W	E	E	W	W	E
+10.1	+1.7	-0.7	+1.2	+8.2	+0.4	-1.0	+6.7	+2.9	+1.9	+1.9	+1.9	+1.9	+1.9
-0.1													
205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82	205.82
76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71	76.71
W	W	W	W	W	W	W	W	W	W	W	W	W	W
+10.1	+1.7	-0.7	+1.2	+8.2	+0.4	-1.0	+6.7	+2.9	+1.9	+1.9	+1.9	+1.9	+1.9
-0.1													

+8. States June 4-1914  
 (Dorman, Miller, Shad)

Reset all 12 states that had been lost Aug 27-14 (Dorman, Miller, Shad)

FUC 201.6 - 1st West tie line for 12 point of Myrtle 2 Florida  
 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68 201.68  
 78.80 77.83 76.84 76.135 75.92 75.46 75.00 74.00  
 4.68 5.15 5.82 6.32 6.75 7.22 7.68 8.18  
 W W W+24 W+20 W-18 (Dorman, Miller, Shad)

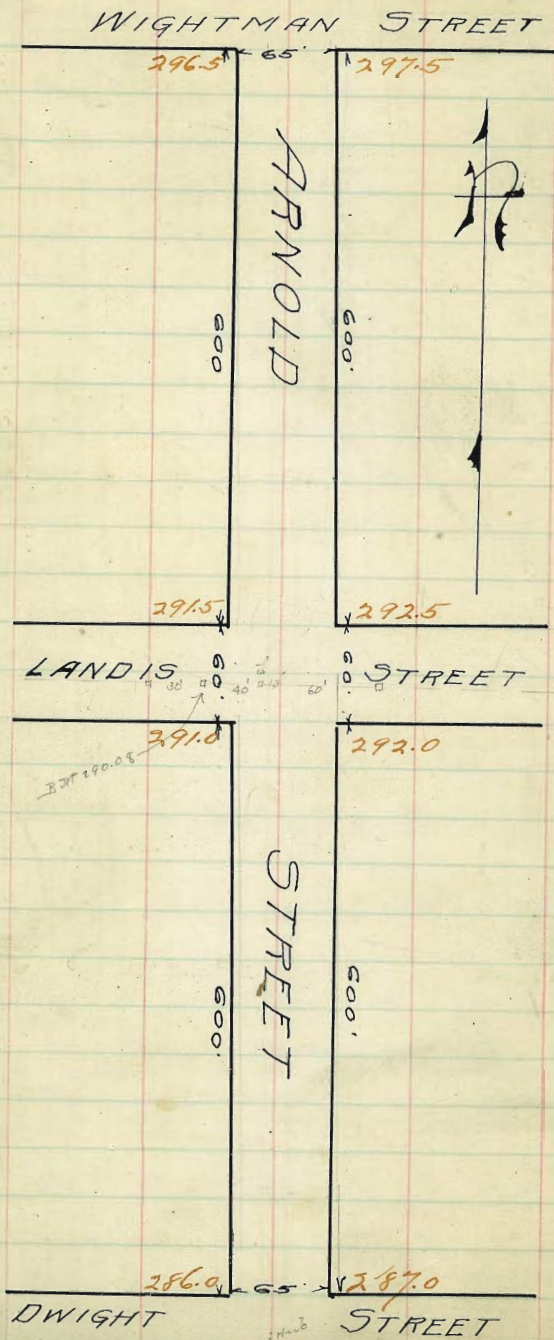
Finesh. curbs on 1st offset Oct 11-1914  
 BJT 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16 201.16  
 78.00 77.03 76.04 75.08 74.92 74.46 74.00 73.00  
 4.07 4.54 5.03 5.53 6.04 6.51 7.00 7.50  
 W W W W W W W W (Dorman, Miller, Shad)

Reset finesh. curbs on 1st offset Nov 19-1914

Set 12 state tie states on 1st offset April 15<sup>th</sup> 1915 (Dorman, Miller, Shad)

Subgrade on this BLX O.K. May 6<sup>th</sup> 1915 (Dorman, Miller, Shad)

Subgrade on Intersection O.K. May 6<sup>th</sup> 1915 (Dorman, Miller, Shad)



T.P. 114+3 Survey 63.  
 2.53  
 297.05 HI  
 5.74  
 293.31  
 2.66  
 290.65 HI  
 2.00  
 292.65  
 290.05  
 2.60  
 287.45  
 2.00  
 285.45  
 285.04 Gregs Bar SW cor Arnold & Dwight.

291.53	296.27	296.27	296.27	296.27	290.37
61.8	91.50	91.50	91.50	91.50	87.00
290.27	4.77	4.77	4.77	4.77	3.87

285.04  
 0.43  
 290.07 HI

296.49  
 91.60  
 0.49

290.08  
 6.61  
 296.69

290.03  
 6.39  
 296.67  
 92.00  
 91.07

10th St. N.Y.C.

10th St. N.Y.C. Terrace



GRADES ON ARNOLD

50. Line of Nightman to No Line of Lands  
WEST EAST

West		East		West	East
296.75	296.50	296.35	297.00	296.90	297.15
+25 296.54	296.29	296.14	296.79	296.69	297.29
+50 296.33	296.08	295.93	296.58	296.48	297.08
75 296.12	295.87	295.72	296.37	296.28	296.87
1 295.92	295.67	295.52	296.17	296.07	296.67
+25 295.71	295.46	295.33	295.96	295.86	296.46
50 295.50	295.25	295.10	295.75	295.65	296.25
75 295.29	295.04	294.89	295.54	295.45	296.04
2 295.08	294.83	294.68	295.33	295.23	295.83
+25 294.87	294.62	294.47	295.12	295.02	295.62
50 294.67	294.42	294.27	294.92	294.84	295.42
75 294.46	294.21	294.06	294.71	294.61	295.21
3 294.25	294.00	293.85	294.50	294.40	295.00
+25 294.04	293.79	293.64	294.29	294.19	294.79
50 293.83	293.58	293.43	294.08	293.98	294.58
75 293.62	293.37	293.22	293.87	293.77	294.37
4 293.42	293.17	293.02	293.67	293.57	294.17
+25 293.21	292.96	292.81	293.46	293.36	293.96
50 293.00	292.75	292.60	293.25	293.15	293.75
75 292.79	292.54	292.39	293.04	292.94	293.54
5 292.58	292.33	292.18	292.83	292.73	293.33
+25 292.37	292.12	291.97	292.62	292.52	293.12
50 292.17	291.92	291.77	292.42	292.32	292.92
75 291.96	291.71	291.56	292.21	292.11	292.71
6 291.75	291.50	291.35	292.00	291.90	292.50

N. Line Landis

297.05	297.05	297.05	298.05	299.05	299.05	299.05	299.05	299.05	299.05	299.05	299.05	299.05
96.70	97.70	97.33	96.33	95.92	96.92	96.50	96.50	96.50	95.08	96.08	96.08	96.08
2.30	1.80	1.72	1.72	3.13	2.13	2.50	3.00	3.97	3.97	2.97	2.97	2.97
2.0	+0.7	0.7	3.2	5.1	1.9	3.1	6.0	6.4	6.4	0.6	0.6	0.6
-0.2	+2.0	+1.0	-0.5	-2.0	+0.3	-0.6	-2.8	-2.4	-2.4	-0.1	-0.1	-0.1

West	East	West	East
-0.2	+2.0	299.05	299.05
-0.3	+0.1	95.67	94.67
0.0	+1.2	3.39	4.33
-0.5	+1.0	3.2	6.8
-1.3	+0.6	+0.4	-2.1
-2.0	+0.3	+1.9	+0.3
-1.9	+0.6	296.48	1.55
-2.2	-0.2	2.57	2.57
-2.0	-0.6	299.05	2.55
-2.3	-0.6	297.50	2.97
-1.7	-0.5	297.50	3.38
-1.4	-0.1	296.48	3.80
-2.4	-0.2	294.58	4.22
-2.0	-0.3	299.50	4.63
-2.1	+0.2	299.07	299.07
-2.1	-0.3	299.07	299.07
-1.4	-0.7	299.07	299.07
-1.6	+0.6	299.07	299.07
-1.3	-0.1	299.07	299.07
-0.9	+1.7	297.50	297.50
-0.5	+2.4	297.50	297.50
0.0	+3.0	297.50	297.50
+0.5	+3.0	297.24	297.24
+1.1	+3.3	297.24	297.24

Notes and annotations for the survey data, including references to 'N. Line Landis' and 'West to same Fletcher'.

GRADES ON ARNOLD ST.  
LADIS ST. INTERSECTION

PLANET See page 39  
298.64 298.64 298.64 298.64 298.64 298.64 298.64 298.64 298.64 298.64

North Line

291.75 291.5 291.35 292.0 291.9 292.5 292.75

No. Curb

291.5 291.5 291.27 291.92 291.82 292.5 292.5  
290.5 290.5 291.5 291.5

No Quarter

290.9 290.37 291.18 291.83 291.73 291.37 291.9

Center

291.25 290.26 291.10 291.75 291.65 291.25 292.25

So Quarter

290.725 290.12 291.02 291.67 291.57 291.12 291.725

So Curb

290.0 290.0 291.0 291.0  
291.0 291.0 290.93 291.88 291.48 292.0 292.0

So. Line

291.25 291.0 290.85 291.5 291.4 292.0 292.25

# GRADES ON ARNOLD

WEST LANDIS		TO		DWIGHT		EAST		W.	E.
291.25	291.0	290.85	291.5	291.4	292.0	292.25	+0.2	+3.0	
+26	291.04	290.79	290.64	291.29	291.19	291.79	+0.1	+3.1	
+50	290.83	290.58	290.43	291.08	290.98	291.58	+0.3	+3.1	
+75	290.62	290.37	290.22	290.87	290.77	291.37	+0.3	+2.9	
1	290.42	290.17	290.02	290.67	290.57	291.17	+0.2	+3.5	
+25	290.21	289.96	289.81	290.46	290.36	290.96	+0.5	+3.6	
+50	290.00	289.75	289.60	290.25	290.15	290.75	+0.7	+3.3	
+75	289.79	289.54	289.39	290.04	289.94	290.54	+1.1	+3.4	
2	289.58	289.33	289.18	289.83	289.73	290.33	+1.6	+4.3	
+25	289.37	289.12	288.97	289.62	289.52	290.12	+1.8	+4.9	
+50	289.17	288.92	288.77	289.42	289.32	289.92	+2.1	+4.6	
+75	288.96	288.71	288.56	289.21	289.11	289.71	+1.5	+4.8	
3	288.75	288.50	288.35	289.00	288.90	289.50	+2.6	+5.0	
+25	288.54	288.29	288.14	288.79	288.69	289.29	+4.3	+5.3	
+50	288.33	288.08	287.93	288.58	288.48	289.08	+5.1	+5.7	
+75	288.12	287.87	287.72	288.37	288.27	288.87	+6.1	+5.7	
4	287.92	287.67	287.52	288.17	288.07	288.67	+6.7	+6.1	
+25	287.71	287.46	287.31	287.96	287.86	288.46	+6.7	+5.8	
+50	287.50	287.25	287.10	287.75	287.65	288.25	+6.1	+6.3	
+75	287.29	287.04	286.89	287.54	287.44	288.04	+4.8	+5.2	
5	287.08	286.83	286.68	287.33	287.23	287.83	+3.6	+4.0	
+25	286.87	286.62	286.47	287.12	287.02	287.62	+2.6	+2.8	
+50	286.67	286.42	286.27	286.92	286.82	287.42	+1.4	+1.8	
+75	286.46	286.21	286.06	286.71	286.61	287.21	+0.9	+1.0	
6	286.25	286.0	285.85	286.50	286.40	287.0	+0.2	0.0	

298.2	298.16	298.14	298.14	298.14	298.14	298.14	298.14	298.14	298.14	298.14
71.25	71.20	71.83	70.93	70.42	71.42	71.00	70.00	69.58	70.58	
8.87	6.39	6.81	7.61	9.22	7.22	7.64	8.64	9.06	8.06	
7.6	3.4	3.9	7.7	8.1	3.8	4.8	8.0	7.4	3.6	
0.0	+3.0	+2.9	-0.1	+0.1	+3.4	3.8	+0.6	+1.7	+4.5	

42

295.60	298.64	298.64	298.64	298.64	298.64	298.64	298.64	298.64	298.64	298.64
90.17	89.17	88.75	89.75	89.33	88.33	87.22	89.22	88.00	87.00	
9.47	9.47	9.58	8.58	9.31	10.31	10.72	9.72	10.14	11.14	
3.8	7.4	7.1	8.6	8.6	5.2	9.0	5.7	3.8	5.0	
+4.7	+2.1	+2.8	+5.3	+5.7	+5.1	+6.7	+6.0	+6.3	+6.1	

Aug 19-1913 + - stakes  
Damm  
Miller  
Mhant.

295.46	295.46	295.46	295.46	295.46	295.46	295.46	295.46	295.46	295.46	295.46
90.00	90.00	90.17	89.70	89.23	88.92	88.50	88.08			
4.40	4.87	5.28	5.70	6.12	6.53	6.95	7.37			
293.21	293.21	293.21	293.21	293.21	293.21	293.21	293.21			
89.82	88.80	89.08	87.67	87.25	86.83	86.42	86.00			
4.29	4.71	5.13	5.54	5.96	6.38	6.79	7.21			

Stake taken Nov. 17-1913 Damm, Miller Mhant.  
Side walk taken on 2' off rd Nov 19-1913 Damm  
Miller  
Roadway Ck'd O.K. 12/1/13 Gregory  
Bands to be taken out in spots  
S/C O.K.

H STREET

56.95 BM. 71.10 cor. H + 25<sup>th</sup>

25TH	100'	ST	26TH	100'	ST
155.0		157.0	154.5		157.0
152.9	+30	154.9	156.0	100'	159.0
151.5	+50	153.5	157.0	+35	159.5
			157.34	+35	160.03
			OK 158.1	+35	160.5
					160.61
	+140		158.8	+75	161.2 OK
Alley			159.2	+95	161.4
	+160		159.3	+115	161.5
142.4	+180	144.4	159.2	+135	161.4
141.3	+200	143.3	158.9	+155	161.0
140.3	+220	142.3	158.3	+175	160.3
139.7	+240	141.7	157.3	+195	159.3
139.3	+255	141.3	155.9	+215	157.9
139.2	+260	141.2			
139.0	+280	141.0			
138.9	+300	140.9			
139.0	+320	141.0			
Culvert 139.4	+340	141.4			
45' South 140.0	+360	142.1			
40' North 140.9	+380	143.0			
100' 185' long 142.3	+400	144.4			
			134.94	+575	136.94
			133.54	+535	135.54
			132.14	+495	134.14
	100'			100'	
153.5	+567	156.0	129.0	100'	131.0
26TH	6'	ST	27TH		
154.5		157.0	129.0		
156.0		159.0	192' long		
	100'				

H ST. 100' WIDE 16' WALKS, 17' BARS  
X sec back 865

H STREET

new purchase

15' hub

BM 127.22

Reset 15' pt  
placed 7 hubs  
at all corners  
1/4" gress  
132.3  
BM 127.22

Graded

# H STREET

7' hobs all corners

27TH		ST.	28TH		ST.
129.0	0	131.0	123.0	0	125.0
	100		124.4	+20	126.4
			137.0	+200	139.0
140.1	+160	142.1	138.0	0	140.0
141.3	+180	143.3	136.6	+20	138.6
142.2	+200	144.2	133.8	+60	135.8
142.7	+220	144.7	124.0	+200	126.0
143.0	+240	145.0	123.0	0	125.0
143.1	+260	144.9			
142.9	+280	144.5			
142.5	+300	143.8			
141.8	+320	142.9			
140.9	+340	141.7			
139.7	+360				
			133.0	+200	135.0
			135.0	0	137.0
124.95	+560	126.95	138.2	+80	140.2
	100		139.8	+120	141.8
122.0		124.0	143.0	+200	145.0
			143.0	+200	145.0
123.8		125.0	143.0	100	145.0

H STREET

H. ST. 100' WIDE  
X Sec. 60th 8th

HOITT ST.

DODSON ST.

H STREET

DODSON ST.

30TH ST.

20  
35  
133  
73  
133  
73

7310  
6710  
6000

156.95  
277  
159.72

# H STREET

South

E Line 25th St	155.25	155.00	155.10	156.00	156.40	157.00	157.25
25	153.50	153.25	153.35	154.25	154.65	155.25	155.50
30	152.15	152.90	153.00	153.90	154.30	154.90	155.15
50	151.75	151.50	151.60	152.50	152.90	153.50	153.75
75	150.00	149.75	149.85	150.75	151.15	151.75	152.00
100	148.75	148.00	148.10	149.00	149.40	150.00	150.25
125	146.50	146.25	146.35	147.25	147.65	148.25	148.50
150	144.75	144.50	144.60	145.50	145.90	146.50	146.75
180	142.65	142.40	142.50	143.40	143.80	144.40	144.65
200	141.55	141.30	141.40	142.30	142.70	143.30	143.55
220	140.55	140.30	140.40	141.30	141.70	142.30	142.55
240	139.95	139.70	139.80	140.70	141.10	141.70	141.95
255	139.55	139.30	139.40	140.30	140.70	141.30	141.55
260	139.45	139.20	139.30	140.20	140.60	141.20	141.45
280	139.25	139.00	139.10	140.00	140.40	141.00	141.25
300	139.15	138.90	139.00	139.90	140.30	140.90	141.15
320	139.25	139.00	139.10	140.00	140.40	141.00	141.25
340	139.65	139.40	139.50	140.40	140.80	141.40	141.65
360	140.25	140.00	140.10	141.05	141.50	142.10	142.35
380	141.15	140.90	141.00	141.95	142.40	143.00	143.25
400	142.55	142.30	142.40	143.35	143.80	144.40	144.65
425	144.28	144.03	144.17	145.11	145.59	146.19	146.44
450	146.01	145.76	145.92	146.87	147.38	147.98	148.23
475	147.74	147.49	147.66	148.63	149.17	149.77	150.02
500	149.46	149.21	149.41	150.39	150.96	151.56	151.81
525	151.19	150.94	151.15	152.15	152.75	153.35	153.60
562 = W. 26th	153.75	153.50	153.73	154.75	155.40	156.00	156.25

26th St Graded

North

156.95	157.25	157.50	158.00	158.50	159.00	159.50	160.00
2.13	5.33	0.73	8.83	3.83	7.33	8.83	3.83
159.08	159.25	159.50	160.00	160.50	161.00	161.50	162.00
1.83	1.48	1.30	1.83	1.48	1.30	1.83	1.48
1.00	1.08	1.08	1.08	1.08	1.08	1.08	1.08
1.08	1.34	1.34	1.34	1.34	1.34	1.34	1.34
out of	-2.60						
153.75	156.25	158.81	144.75	146.75	144.65	126.5	
5.33	2.83	7.27	2.00	0.05	2.15	134.15	
5.33	2.83	12.07	12.95	5.85	11.25	0.45	
0.0	0.0	-4.8	-10.5	-5.8	-9.1	134.63	
143.55	142.55	141.95	141.65	141.45	140.55	142.65	
8.92	7.92	7.32	6.92	6.52	6.92	5.92	
3.58	7.1	10.08	12.5	13.05	8.2	8.02	
12.50	15.0	17.40	19.4	19.9	15.1	16.1	
139.95	142.5	146.01	144.65	143.25	12.98	142.35	
5.32	7.92	11.38	10.02	8.62	12.65	19.70	
12.58	11.5	8.02	5.88	11.08	12.65	3.7	
-17.9	-19.4	-14.4	-15.9	-19.7		-23.4	
141.65	141.25	141.15	141.25	141.15	140.25	139.65	139.25
19.00	16.60	15.50	18.60	18.50	17.60	17.00	16.60
6.9	8.9	6.8	4.1	4.6	11.4	11.3	9.9
-26.9	-27.6	-25.3	-22.7	-23.1	-29.0	-28.3	-26.5
139.25	139.45	139.55					
76.60	16.50	16.90					
5.6	4.0	3.5					
-22.2	-20.8	-20.4					

curbs & Props for the second time  
Gregory Moore

156.95	157.25	157.50	158.00	158.50	159.00	159.50	160.00
2.13	5.33	0.73	8.83	3.83	7.33	8.83	3.83
159.08	159.25	159.50	160.00	160.50	161.00	161.50	162.00
1.83	1.48	1.30	1.83	1.48	1.30	1.83	1.48
1.00	1.08	1.08	1.08	1.08	1.08	1.08	1.08
1.08	1.34	1.34	1.34	1.34	1.34	1.34	1.34
out of	-2.60						
153.75	156.25	158.81	144.75	146.75	144.65	126.5	
5.33	2.83	7.27	2.00	0.05	2.15	134.15	
5.33	2.83	12.07	12.95	5.85	11.25	0.45	
0.0	0.0	-4.8	-10.5	-5.8	-9.1	134.63	
143.55	142.55	141.95	141.65	141.45	140.55	142.65	
8.92	7.92	7.32	6.92	6.52	6.92	5.92	
3.58	7.1	10.08	12.5	13.05	8.2	8.02	
12.50	15.0	17.40	19.4	19.9	15.1	16.1	
139.95	142.5	146.01	144.65	143.25	12.98	142.35	
5.32	7.92	11.38	10.02	8.62	12.65	19.70	
12.58	11.5	8.02	5.88	11.08	12.65	3.7	
-17.9	-19.4	-14.4	-15.9	-19.7		-23.4	
141.65	141.25	141.15	141.25	141.15	140.25	139.65	139.25
19.00	16.60	15.50	18.60	18.50	17.60	17.00	16.60
6.9	8.9	6.8	4.1	4.6	11.4	11.3	9.9
-26.9	-27.6	-25.3	-22.7	-23.1	-29.0	-28.3	-26.5
139.25	139.45	139.55					
76.60	16.50	16.90					
5.6	4.0	3.5					
-22.2	-20.8	-20.4					

curbs & Props for the second time  
Gregory Moore

# H STREET

South

600 ft.

North

E. line 26th St.	156.25	156.00	156.25	157.50	158.40	159.00	159.25
10	156.63	156.38	156.71	157.84	158.69	159.79	159.54
25	157.20	156.95	157.25	158.35	159.13	159.73	159.98
35	157.59	157.34	157.61	158.68	159.43	160.03	160.28
55	158.35	158.10	158.33	159.36	160.01	160.61	160.86
75	159.05	158.80	159.00	160.00	160.60	161.20	161.45
95	159.45	159.20	159.35	160.30	160.80	161.40	161.65
115	159.55	159.30	159.45	160.40	160.90	161.50	161.75
135	159.45	159.20	159.35	160.30	160.80	161.40	161.65
155	159.15	158.90	159.03	159.95	160.40	161.00	161.25
175	158.55	158.30	158.40	159.30	159.70	160.30	160.55
195	157.55	157.30	157.40	158.30	158.70	159.30	159.55
215	156.15	155.90	156.00	156.90	157.30	157.90	158.15
250	153.70	153.45	153.55	154.45	154.85	155.45	155.70
275	151.96	151.71	151.81	152.71	153.11	153.71	153.96
300	150.21	149.96	150.06	150.96	151.36	151.96	152.21
325	148.46	148.21	148.31	149.21	149.61	150.21	150.46
350	146.72	146.47	146.57	147.47	147.87	148.47	148.72
375	144.97	144.72	144.82	145.72	146.12	146.72	146.97
400	143.22	142.97	143.07	143.97	144.37	144.97	145.22
425	141.48	141.23	141.33	142.23	142.63	143.23	143.48
450	139.73	139.48	139.58	140.48	140.88	141.48	141.73
475	137.98	137.73	137.83	138.73	139.13	139.73	139.98
500	136.24	135.99	136.09	136.99	137.39	137.99	138.24
525	134.49	134.24	134.34	135.24	135.64	136.24	136.49
550	132.74	132.49	132.59	133.49	133.89	134.49	134.74
575	131.00	130.75	130.85	131.75	132.15	132.75	133.00
600 = W.L. 27th	129.25	129.00	129.10	130.00	130.40	131.00	131.25

56.7 B.M. N.E. cor 26th R.R. A pk. in pole.

12.61	0.20	158.35	159.45	159.45	159.45	159.45	159.45
168.78	168.68	11.28	20.41	20.41	21.31	21.31	21.31
154.75	157.25	11.28	8.21	5.21	3.21	5.01	5.01
14.03	11.53	157.25	+13.3	+14.9	+17.2	+16.3	+16.0
9.98	8.33	22.61	159.25	158.55	159.15	157.55	160.55
* +4.1	* +2.70	9.61	20.81	20.31	20.71	22.31	17.31
+2.6	+8.7	+13.0	7.1	5.21	4.51	4.31	3.31
156.15	153.70	159.75	160.75	161.45	161.65	161.75	161.25
23.71	26.16	20.11	19.11	18.41	18.21	18.11	18.61
6.01	11.30	6.11	5.51	3.51	4.01	3.21	2.91
+17.7	+14.40	+14.0	+13.5	+14.9	+14.2	+14.9	+16.3
159.15	13.16	153.70	152.21	150.21	146.22	130.9	148.22
21.71	166.75	11.79	15.28	17.28	20.77	154.40	11.36
8.11	167.89	2.89	11.28	6.78	10.32	0.18	5.86
+13.6	+8.9	+4.0	+10.5	+10.4	154.58	15.4	5.26
105.22	130.5	141.73	139.73	129.36	136.24	132.74	137.20
9.36	141.89	0.50	2.55	129.36	6.04	2.54	8.00
12.86	0.76	9.63	2.05	0.34	2.46	10.26	8.16
3.5	142.69	-9.1	+0.6	130.20	-8.5	-12.8	-16.5
3.98	134.74	131.24	129.25	7.39			
107.22	16.21	12.72	10.72	11.44			
-21.0	-20.6	-18.3					

amb. 70' No. of 13' amb. at 27th street

46

600 = W.L. 27th

Old C.K. 4/15 Gregory

# H STREET

South

North

47

W.L. 27th ST 129.25 129.00 129.10 130.00 130.40 131.00 131.25

10

W Curb 129.00 129.00 129.10 130.00 130.40 131.00 131.00  
 128.00 128.00 130.00 130.00

10

W 1/4 128.60 128.00 129.10 130.00 130.40 130.00 130.60

10

Center 129.00 128.00 129.10 130.00 130.40 130.00 131.00

10

E 1/4 128.60 128.00 129.10 130.00 130.40 130.00 130.60

10

E Curb 128.00 128.00 129.10 130.00 130.40 130.00 130.00  
 129.00 129.00 131.00 131.00

10

E.L. 27th ST. 129.25 129.00 129.10 130.00 130.40 131.00 131.25



# H. STREET

South

North

E.L. 27th St.	129.85	129.00	129.10	130.00	130.40	131.00	131.75		
25	130.98	130.73	130.83	131.73	132.13	132.73	132.98		
50	132.77	132.47	132.57	133.47	133.87	134.47	134.77		
75	134.45	134.20	134.30	135.20	135.60	136.20	136.45		
100	136.19	135.94	136.04	136.94	137.34	137.94	138.19		
125	137.97	137.67	137.77	138.67	139.07	139.67	139.97		
160 49.34 H	140.35	140.10	140.20	141.10	141.50	142.10	142.35		
180	141.55	141.30	141.40	142.30	142.70	143.30	143.55		
200	142.45	142.20	142.30	143.20	143.60	144.20	144.45		
220	142.95	142.70	142.80	143.70	144.10	144.70	144.95		
240	143.25	143.00	143.10	144.00	144.40	145.00	145.25		
260	143.35	143.10	143.20	144.10	144.50	145.10	145.35		
280	143.15	142.90	143.00	143.90	144.30	144.90	145.15		
300	142.75	142.50	142.60	143.50	143.90	144.50	144.75		
320	142.05	141.80	141.90	142.80	143.20	143.80	144.05		
340 49.34 H	141.15	140.90	141.00	141.90	142.30	142.90	143.15		
360	139.95	139.70	139.80	140.70	141.10	141.70	141.95		
375	138.84	138.59	138.69	139.59	139.99	140.59	140.84		
400	137.00	136.75	136.85	137.75	138.15	138.75	139.00		
425	135.16	134.91	135.01	135.91	136.31	136.91	137.16		
450	133.31	133.06	133.16	134.06	134.46	135.06	135.31		
475	131.47	131.22	131.32	132.22	132.62	133.22	133.47		
500	129.63	129.38	129.48	130.38	130.78	131.38	131.63		
525	127.78	127.53	127.63	128.53	128.93	129.53	129.78		
550	125.94	125.69	125.79	126.69	127.09	127.69	127.94		
575	124.09	123.84	123.94	124.84	125.24	125.84	126.09		
600 = W.L. 28th	122.25	122.00	122.10	123.00	123.40	124.00	124.25		

111.14 RM.	132.72	131.25	134.72	138.19	72.4
11.86 H.I.	9.72	8.25	37	9.4	5.4
123.00	1.8	0.55	136.19	0.9	11.4
129.25	11.8	8.80	1.1	8.5	3.9
6.25			0.1	3.9	
14.2	0.42		1.2	1.1	
122.58	J.P.	0.09	134.72	146.48	J.P. Rock
136.09	H.I.	135.00	12.87	12.68	
147.59	H.I.	12.59	12.27	159.13	H.I.
142.45	142.45	147.59	146.35	141.53	
16.68	16.18	0.19	18.78	17.59	
712.6	189.94	J.P.	11.3	7.09	
12.25	12.25	142.31	7.5	170.5	
171.19	H.I.	142.31	27.5	144.65	144.95
145.25	145.25	145.15	28.94	26.74	26.24
25.94	25.84	26.00	11.5	4.2	3.4
3.0	0.8	1.44	17.3	5.5	2.0
+2.87	+20.0	+24.6	+19.1	+22.0	+22.8
148.34	143.5	143.15	140.75	142.05	140.8
27.34	27.34	28.04	17.01	17.1	18.4
13.0	1.28	1.34	13.4	13.4	11.6
14.9	1.50	14.6	13.4	13.4	11.6
139.0	12.57	135.2	137.0	133.8	12.82
20.76	147.17	J.P.	10.35	11.04	13.45
112.8	147.35	H.I.	4.1	3.1	3.1
130.8	137.94	4.68	40.6	130.63	H.I.
121.53	J.P.	6.16	12.93	120.21	7.60
121.79	H.I.	6.6	12.2	107.5	H.I.
		-1.25	-16.4	107.5	-19.1
			12.2		
			13.4		
			14		
			-19.5		

# H. STREET

South

North

W.L. 28th St 122.25 122.00 122.10 123.00 123.40 124.00 124.75

W' Curb

W 1/4

Center

E 1/4

E Curb

E.L. 28th St 123.25 123.00 123.10 124.00 124.40 125.00 125.75

E.L. 28th St 123.25 123.00 123.10 124.00 124.40 125.00 125.75

25 125.00 124.75 124.85 125.75 126.15 126.75 127.00

50 126.75 126.50 126.60 127.50 127.90 128.50 128.75

75 128.50 128.25 128.35 129.25 129.65 130.25 130.50 -38 -60

100 130.25 130.00 130.10 131.00 131.40 132.00 132.75 +0.1 -2.0

125 132.00 131.75 131.85 132.75 133.15 133.75 134.00 +4.7 +16

150 133.75 133.50 133.60 134.50 134.90 135.50 135.75 +8.9 +66

175 135.50 135.25 135.35 136.25 136.65 137.25 137.50 +10.4 +105

200 = W.L. Hoitt 137.25 137.00 137.10 138.00 138.40 139.00 139.25 +9.4 +10.9

W.L. Hoitt St 137.25 137.00 137.10 138.00 138.40 139.00 139.25 +9.4 +10.9

W Curb 137.00 137.00 137.28 138.18 138.58 139.00 139.00 +9.9 +12.0  
136.00 136.00 138.00 138.00

W 1/4 136.85 136.75 137.44 138.34 138.74 138.25 138.85 +10.3 +12.7

Center 137.50 136.50 137.60 138.50 138.90 138.50 139.50 +10.4 +11.9

E 1/4 137.40 136.75 137.76 138.66 139.06 138.75 139.40 +10.2 +13.3

E Curb 137.00 137.00 137.93 138.83 139.23 139.00 139.00 +11.7 +14.1  
138.00 138.00 140.00 140.00

E.L. Hoitt St 138.25 138.00 138.10 139.00 139.40 140.00 140.25 +10.2 +13.0

100.25 West

S N

101.51	102.00	102.50	103.00	103.50	104.00	104.50	105.00	105.50	106.00	106.50	107.00	107.50	108.00	108.50	109.00	109.50	110.00	110.50
101.51	102.00	102.50	103.00	103.50	104.00	104.50	105.00	105.50	106.00	106.50	107.00	107.50	108.00	108.50	109.00	109.50	110.00	110.50
101.51	102.00	102.50	103.00	103.50	104.00	104.50	105.00	105.50	106.00	106.50	107.00	107.50	108.00	108.50	109.00	109.50	110.00	110.50

49

Gregory  
St. Clair  
Moore  
Curtis & Pells 7/10/14  
Curtis & Pells 7/10/14  
Gregory  
St. Clair  
Moore  
Curtis & Pells 7/10/14  
Gregory  
St. Clair  
Moore

Chkd. OK 7/10/14 Gregory



# H STREET

	South				North				S	N
W.L. Dodson St	133.25	133.00	133.10	134.00	134.40	135.00	135.25	-86	-158	
W. Curb	133.00	133.00	133.45	134.35	134.75	135.00	135.00	-57	-126	
W 1/4	133.10	132.50	133.77	134.67	135.07	134.50	135.10	-34	-12.0	
Center	134.00	133.00	134.10	135.00	135.40	135.00	136.00	-19	-103	
E 1/4	134.40	133.50	134.43	135.33	135.73	135.50	136.40	-04	-85	
E. Curb	134.00	134.00	134.75	135.65	136.05	136.00	136.00	+18	-55	
E.L. Dodson St	135.25	135.00	135.10	136.00	136.40	137.00	137.25	+32	-42	

E.L. Dodson St	135.25	135.00	135.10	136.00	136.40	137.00	137.25	+32	-42
25	136.25	136.00	136.10	137.00	137.40	138.00	138.25	+56	+09
50	137.25	137.00	137.10	138.00	138.40	139.00	139.25	+82	+10
75	138.25	138.00	138.10	139.00	139.40	140.00	140.25	+99	+53
100	139.25	139.00	139.10	140.00	140.40	141.00	141.25	+97	+62
125	140.25	140.00	140.10	141.00	141.40	142.00	142.25	+89	+76
150	141.25	141.00	141.10	142.00	142.40	143.00	143.25	+95	+88
175	142.25	142.00	142.10	143.00	143.40	144.00	144.25	+111	+92
200 = W.L. Both	143.25	143.00	143.10	144.00	144.40	145.00	145.25	+103	+73

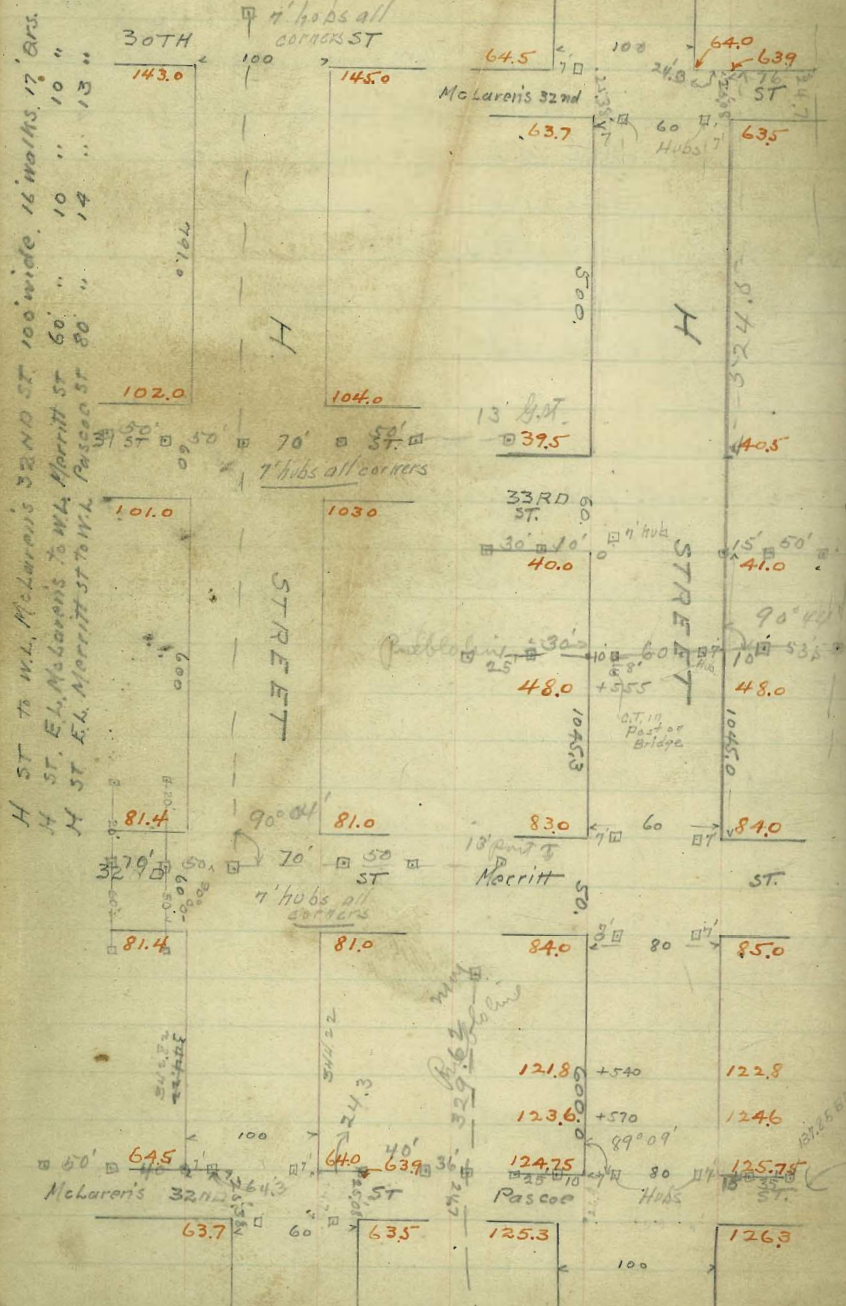
B.M. MON. SE HOIT 148.34  
 SE 29 108.77  
 SPK SW 30 142.51

14.5.13	SPK NW 30	45.25	45.00	45.00	45.00	45.00	45.00
0.37		1.15	1.15	1.15	1.15	1.15	1.15
145.50	M1						
157.00	NW 30 G 29 CH						
167.50	M1	35.25	4.28				
170.00	TP	29.53	M1				

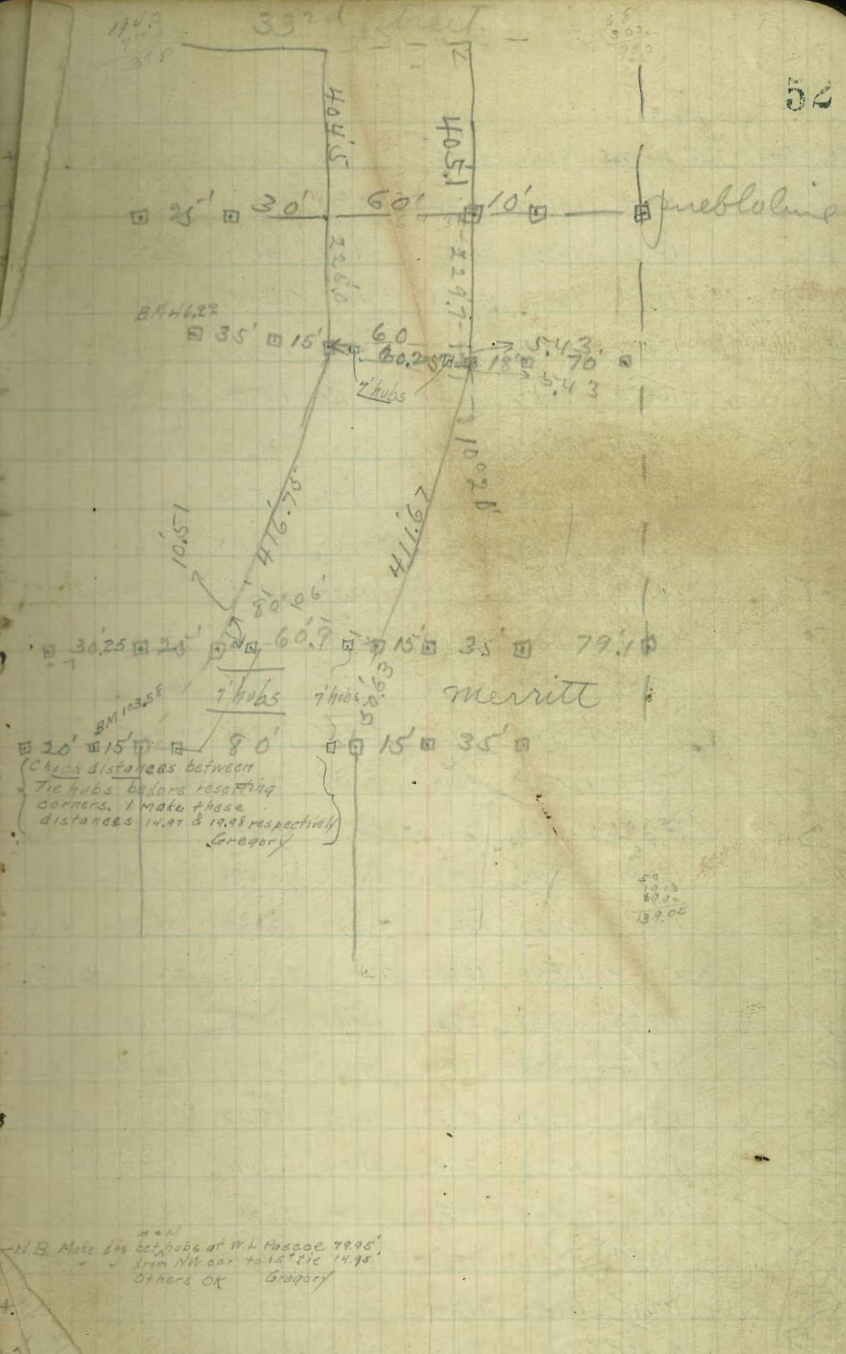
139.62	137.25	136.25	135.25	134.25	133.25	132.25	131.25	130.25	129.25	128.25	127.25	126.25	125.25	124.25	123.25	122.25	121.25	120.25	119.25	118.25	117.25	116.25	115.25	114.25	113.25	112.25	111.25	110.25	109.25	108.25	107.25	106.25	105.25	104.25	103.25	102.25	101.25	100.25	99.25	98.25	97.25	96.25	95.25	94.25	93.25	92.25	91.25	90.25	89.25	88.25	87.25	86.25	85.25	84.25	83.25	82.25	81.25	80.25	79.25	78.25	77.25	76.25	75.25	74.25	73.25	72.25	71.25	70.25	69.25	68.25	67.25	66.25	65.25	64.25	63.25	62.25	61.25	60.25	59.25	58.25	57.25	56.25	55.25	54.25	53.25	52.25	51.25	50.25	49.25	48.25	47.25	46.25	45.25	44.25	43.25	42.25	41.25	40.25	39.25	38.25	37.25	36.25	35.25	34.25	33.25	32.25	31.25	30.25	29.25	28.25	27.25	26.25	25.25	24.25	23.25	22.25	21.25	20.25	19.25	18.25	17.25	16.25	15.25	14.25	13.25	12.25	11.25	10.25	9.25	8.25	7.25	6.25	5.25	4.25	3.25	2.25	1.25	0.25
139.62	137.25	136.25	135.25	134.25	133.25	132.25	131.25	130.25	129.25	128.25	127.25	126.25	125.25	124.25	123.25	122.25	121.25	120.25	119.25	118.25	117.25	116.25	115.25	114.25	113.25	112.25	111.25	110.25	109.25	108.25	107.25	106.25	105.25	104.25	103.25	102.25	101.25	100.25	99.25	98.25	97.25	96.25	95.25	94.25	93.25	92.25	91.25	90.25	89.25	88.25	87.25	86.25	85.25	84.25	83.25	82.25	81.25	80.25	79.25	78.25	77.25	76.25	75.25	74.25	73.25	72.25	71.25	70.25	69.25	68.25	67.25	66.25	65.25	64.25	63.25	62.25	61.25	60.25	59.25	58.25	57.25	56.25	55.25	54.25	53.25	52.25	51.25	50.25	49.25	48.25	47.25	46.25	45.25	44.25	43.25	42.25	41.25	40.25	39.25	38.25	37.25	36.25	35.25	34.25	33.25	32.25	31.25	30.25	29.25	28.25	27.25	26.25	25.25	24.25	23.25	22.25	21.25	20.25	19.25	18.25	17.25	16.25	15.25	14.25	13.25	12.25	11.25	10.25	9.25	8.25	7.25	6.25	5.25	4.25	3.25	2.25	1.25	0.25

Gregory  
 7/11/11  
 5/10/11  
 Moore

# H STREET



H ST to W.L. McLaren's 32nd ST 100 wide. 16 walks 17' G.P.S.  
 H ST. E.L. McLaren's to W.L. Merritt ST 60' " 10' " 10' "  
 H ST. E.L. Merritt ST to W.L. Pascoe ST 80' " 14' " 13' "



Check distances between Tie hubs before resetting corners. I make these distances 14.97 & 19.95 respectively Gregory

NB Make the 2nd hubs at W.L. Pascoe 79.95' from McLaren's to 14.95' others OK Gregory



# H STREET

South

North

	109.56	109.31	109.41	110.31	110.71	111.31	111.56	S.	N
650 E. of 30th	109.56	109.31	109.41	110.31	110.71	111.31	111.56	+215	+355
675	108.26	108.01	108.11	109.01	109.41	110.01	110.26	+18.9	+30.2
700	106.97	106.72	106.82	107.72	108.12	108.72	108.97	+16.0	+26.7
725	105.67	105.42	105.52	106.42	106.82	107.42	107.67	+12.5	+23.9
750	104.38	104.13	104.23	105.13	105.53	106.13	106.38	+8.6	+19.8
775	103.08	102.83	102.93	103.83	104.23	104.83	105.08	+5.6	+16.2
791.0 = W.L. 31st	102.25	102.00	102.10	103.00	103.40	104.00	104.25	+4.3	+13.8
W.L. 31st ST	102.25	102.00	102.10	103.00	103.40	104.00	104.25	+4.3	+13.8
W. Curb	102.00	102.00	101.93	102.83	103.23	104.00	104.00	+2.8	+11.8
W 1/4	101.40	100.75	101.77	102.67	103.07	102.75	103.40	+1.9	+10.2
Center	101.50	100.50	101.60	102.50	102.90	102.50	103.50	+0.5	+8.2
E 1/4	100.85	100.25	101.43	102.33	102.73	102.25	102.85	+0.4	+7.3
E curb	100.00	100.00	101.27	102.17	102.57	102.00	102.00	-9.4	+5.9
E.L. 31st ST	101.25	101.00	101.10	102.00	102.40	103.00	103.25	-2.2	+3.6

791.0 = W.L. 31st  
102.25  
102.00  
102.10  
103.00  
103.40  
104.00  
104.25

109.56 109.31 109.41 110.31 110.71 111.31 111.56  
108.26 108.01 108.11 109.01 109.41 110.01 110.26  
106.97 106.72 106.82 107.72 108.12 108.72 108.97  
105.67 105.42 105.52 106.42 106.82 107.42 107.67  
104.38 104.13 104.23 105.13 105.53 106.13 106.38  
103.08 102.83 102.93 103.83 104.23 104.83 105.08

Gregory  
Shoemaker  
Moore

102.25 102.00 102.10 103.00 103.40 104.00 104.25  
101.40 100.75 101.77 102.67 103.07 102.75 103.40  
101.50 100.50 101.60 102.50 102.90 102.50 103.50  
100.85 100.25 101.43 102.33 102.73 102.25 102.85  
100.00 100.00 101.27 102.17 102.57 102.00 102.00  
101.25 101.00 101.10 102.00 102.40 103.00 103.25

Center Cuts & Fills  
Gregory  
Shoemaker  
Moore

102.25 102.00 102.10 103.00 103.40 104.00 104.25  
101.40 100.75 101.77 102.67 103.07 102.75 103.40  
101.50 100.50 101.60 102.50 102.90 102.50 103.50  
100.85 100.25 101.43 102.33 102.73 102.25 102.85  
100.00 100.00 101.27 102.17 102.57 102.00 102.00  
101.25 101.00 101.10 102.00 102.40 103.00 103.25

102.25 102.00 102.10 103.00 103.40 104.00 104.25  
101.40 100.75 101.77 102.67 103.07 102.75 103.40  
101.50 100.50 101.60 102.50 102.90 102.50 103.50  
100.85 100.25 101.43 102.33 102.73 102.25 102.85  
100.00 100.00 101.27 102.17 102.57 102.00 102.00  
101.25 101.00 101.10 102.00 102.40 103.00 103.25

102.25 102.00 102.10 103.00 103.40 104.00 104.25  
101.40 100.75 101.77 102.67 103.07 102.75 103.40  
101.50 100.50 101.60 102.50 102.90 102.50 103.50  
100.85 100.25 101.43 102.33 102.73 102.25 102.85  
100.00 100.00 101.27 102.17 102.57 102.00 102.00  
101.25 101.00 101.10 102.00 102.40 103.00 103.25

Center Cuts & Fills  
Gregory  
Shoemaker  
Moore

H STREET

South

North

Station	101.25	101.00	101.10	102.00	102.40	103.00	103.25	S	N
EL. 31st ST	101.25	101.00	101.10	102.00	102.40	103.00	103.25	-27	+36
25	100.43	100.18	100.26	101.13	101.49	102.08	102.33	-27	+07
50	99.62	99.37	99.43	100.27	100.58	101.17	101.42	-28	+03
75	98.80	98.55	98.59	99.40	99.68	100.25	100.50	-28	+01
100	97.98	97.73	97.75	98.53	98.77	99.33	99.58	-28	+02
125	97.17	96.92	96.91	97.67	97.86	98.42	98.67	-26	00
150	96.35	96.10	96.08	96.80	96.95	97.50	97.75	-09	-04
175	95.53	95.28	95.24	95.93	96.04	96.58	96.83	-14	00
200	94.72	94.47	94.40	95.07	95.13	95.67	95.92	-18	+01
225	93.90	93.65	93.56	94.20	94.23	94.75	95.00	-19	-04
250	93.08	92.83	92.73	93.33	93.32	93.83	94.08	-21	-01
275	92.27	92.02	91.89	92.47	92.41	92.92	93.17	-17	+02
300	91.45	91.20	91.05	91.60	91.50	92.00	92.25	-19	-05
325	90.63	90.38	90.21	90.73	90.59	91.08	91.33	-20	-02
350	89.82	89.57	89.38	89.87	89.68	90.17	90.42	-22	-06
375	89.00	88.75	88.54	89.00	88.78	89.25	89.50	-18	-08
400	88.18	87.93	87.70	88.13	87.87	88.33	88.58	-14	-06
425	87.37	87.12	86.86	87.27	86.96	87.42	87.67	-17	-05
450	86.55	86.30	86.03	86.40	86.05	86.50	86.75	-13	-05
475	85.73	85.48	85.19	85.53	85.14	85.58	85.83	-08	-04
500	84.92	84.67	84.35	84.67	84.23	84.67	84.92	-05	-01
525	84.10	83.85	83.57	83.80	83.33	83.75	84.00	-03	+1.7
550	83.28	83.03	82.68	82.93	82.42	82.83	83.08	-01	+1.2
575	82.47	82.22	81.84	82.07	81.51	81.92	82.17	+09	+1.5
600 = W.L. 32nd ST.	81.65	81.40	81.00	81.20	80.60 <sup>sh</sup>	81.00 <sup>sh</sup>	81.25	+1.1	+1.9

30th SW elev 142.5  
31st SW 142.64  
32 SW 83.23

S N

Station	101.25	101.00	101.10	102.00	102.40	103.00	103.25	S	N
101.25	101.25	101.00	101.10	102.00	102.40	103.00	103.25	-27	+36
101.00		101.00	101.10	102.00	102.40	103.00	103.25	-27	+07
101.10			101.10	102.00	102.40	103.00	103.25	-28	+03
102.00				102.00	102.40	103.00	103.25	-28	+01
102.40					102.40	103.00	103.25	-28	+02
103.00						103.00	103.25	-26	00
103.25							103.25	-09	-04
97.17							97.17	-26	00
96.35							96.35	-09	-04
95.53							95.53	-14	00
94.72							94.72	-18	+01
93.90							93.90	-19	-04
93.08							93.08	-21	-01
92.27							92.27	-17	+02
91.45							91.45	-19	-05
90.63							90.63	-20	-02
89.82							89.82	-22	-06
89.00							89.00	-18	-08
88.18							88.18	-14	-06
87.37							87.37	-17	-05
86.55							86.55	-13	-05
85.73							85.73	-08	-04
84.92							84.92	-05	-01
84.10							84.10	-03	+1.7
83.28							83.28	-01	+1.2
82.47							82.47	+09	+1.5
81.65							81.65	+1.1	+1.9

CUTS + FILLS  
Gregory  
Shoemaker  
Moore  
Curbst + Props  
Gregory  
Moore  
Miller



H. STREET

44 81.85 SW 32nd

	South				North				S	N
W.L. 32ND ST	81.65	81.40	81.00	81.20	80.60	81.00	81.25	+11	+19	
W. CURB	81.40	81.40	81.00	81.20	80.60	81.00	81.00	+12	+18	
W. 1/4	80.40	80.40	80.00	81.20	80.60	80.00	80.00	+12	+28	
W. 1/4	81.00	80.40	81.00	81.20	80.60	80.00	80.60	+14	+18	
CENTR	81.40	80.40	81.00	81.20	80.60	80.00	81.00	+13	+17	
E 1/4	81.00	80.40	81.00	81.20	80.60	80.00	80.60	+16	+21	
E CURB	80.40	80.40	81.00	81.20	80.60	80.00	80.00	+26	+27	
E CURB	81.40	81.40	81.00	81.20	80.60	81.00	81.00	+16	+17	
E.L. 32ND ST	81.65	81.40	81.00	81.20	80.60	81.00	81.25	+07	+15	
25	80.40	80.17	79.76	79.97	79.37	79.76	80.01	+14	+31	
50	79.19	78.94	78.54	78.74	78.15	78.53	78.78	+31	+40	
75	77.97	77.72	77.27	77.51	76.92	77.30	77.53	+45	+54	
100	76.74	76.49	76.03	76.27	75.70	76.06	76.31	+59	+63	
125	75.51	75.26	74.79	75.04	74.47	74.83	75.08	+73	+73	
150	74.28	74.03	73.55	73.81	73.25	73.59	73.84	+86	+77	
175	73.06	72.81	72.31	72.58	72.02	72.36	72.61	+98	+82	
200	71.83	71.58	71.06	71.35	70.80	71.12	71.37	+111	+67	
225	70.60	70.35	69.82	70.12	69.57	69.89	70.14	+120	+49	
250	69.37	69.12	68.58	68.89	68.35	68.65	68.90	+111	+35	
275	68.15	67.90	67.34	67.66	67.12	67.42	67.67	+26	+14	
300	66.92	66.67	66.10	66.43	65.90	66.18	66.43	-70	-05	
325	65.69	65.44	64.85	65.20	64.67	64.95	65.20	-132	-19	
344.22 = W.L. McLaren's 32nd	64.75	64.58	63.90	64.25	63.73	64.00	64.25	-153	-97	

by Cornwall  
at E on line take

7273	7274	7275	7276	7277	7278	7279	7280	7281	7282	7283	7284	7285
81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85

6467	6468	6469	6470	6471	6472	6473	6474	6475	6476	6477	6478	6479	6480
81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85	81.85

curb Props 11/15  
Gregory Miller

ward  
ret.  
64.32  
64.00  
64.25  
E.F.B.  
ret  
64.14

H STREET

South

North

S N

W.L. McLaren's 32ND ST	64.75	64.50	63.90	64.25	63.73	64.00	64.25	-153	-9.7
E.L. McLaren's 32ND ST	63.95	63.70	63.30	63.60	63.10	63.50	63.75	-125	-13.5
E.L. McLaren's 32ND ST	63.95	63.70	63.30	63.60	63.10	63.50	63.75	-125	-13.5
25	62.74	62.49	62.10	62.4	61.94	62.35	62.60	-131	-11.5
50	61.53	61.28	60.91	61.24	60.78	61.20	61.45	-116	-9.8
75	60.32	60.07	59.71	60.06	59.62	60.05	60.30	-102	-4.9
100	59.11	58.86	58.51	58.88	58.46	58.90	59.15	-75	+7.2
125	57.90	57.65	57.31	57.70	57.30	57.75	58.00	-1.2	+14.5
150	56.69	56.44	56.12	56.52	56.14	56.60	56.85	+75	+13.5
175	55.48	55.23	54.92	55.34	54.98	55.45	55.70	+46	+11.5
200	54.27	54.02	53.72	54.16	53.82	54.30	54.55	+35	+4.2
225	53.06	52.81	52.52	52.98	52.66	53.15	53.40	-66	-2.5
250	51.85	51.60	51.33	51.80	51.50	52.00	52.25	-7.7	-5.7
275	50.64	50.39	50.13	50.62	50.34	50.85	51.10	-66	-5.9
300	49.43	49.18	48.93	49.44	49.18	49.70	49.95	-5.7	-4.9
325	48.22	47.97	47.73	48.26	48.02	48.55	48.80	-63	-3.7
350	47.01	46.76	46.54	47.08	46.86	47.40	47.65	-9.4	-3.0
375	45.80	45.55	45.34	45.90	45.70	46.25	46.50	-88	-3.9
400	44.59	44.34	44.14	44.72	44.54	45.10	45.35	-7.2	-7.5
425	43.38	43.13	42.94	43.54	43.38	43.95	44.20	-6.1	-6.8
450	42.17	41.92	41.75	42.36	42.22	42.80	43.05	-4.4	-5.7
475	40.96	40.71	40.55	41.18	41.06	41.65	41.90	-3.5	-4.4
500.0 = W.L. 33RD ST	39.75	39.50	39.35	40.00	39.90	40.50	40.75	-23	-2.4

247

0660W

LPT. 63.32

4495  
6.45  
31.67 = upper nail on SE 33rd H.

7476 N.D. 6475 6474 7476 6145 6275  
17.81 15.61 12.77 10.96 11.24  
17.81 15.61 12.77 10.96 11.24  
56.69 50.11 45.21 41.63 42.85  
16.07 10.17 10.40 12.58 12.41  
17.81 15.61 12.77 10.96 11.24

6083 T.P. 27. ROCK

3200 SE 33rd H

6281 6275 6145  
17.81 15.61 12.77 10.96 11.24  
17.81 15.61 12.77 10.96 11.24  
56.69 50.11 45.21 41.63 42.85  
16.07 10.17 10.40 12.58 12.41  
17.81 15.61 12.77 10.96 11.24

6277 H.D. 6275 6145  
17.81 15.61 12.77 10.96 11.24  
17.81 15.61 12.77 10.96 11.24  
56.69 50.11 45.21 41.63 42.85  
16.07 10.17 10.40 12.58 12.41  
17.81 15.61 12.77 10.96 11.24

INSTR. PAGE 45

7306 N.D.

6375 6374 6375 6374 6375  
17.81 15.61 12.77 10.96 11.24  
17.81 15.61 12.77 10.96 11.24  
56.69 50.11 45.21 41.63 42.85  
16.07 10.17 10.40 12.58 12.41  
17.81 15.61 12.77 10.96 11.24

Curbs & Props 6/15 Gregory Moore

Curbs & Props for 2nd time 6/15 Gregory Moore

# H STREET

South

North

S N

W.L. 33 RD ST	39.75	39.50	39.35	40.00	39.90	40.50	40.75	-23	-24
W Curb	39.50	39.50	39.43	40.08	39.98	40.58	40.88	-21	-39
W 1/4	38.50	38.50							
Center	39.23	38.63	39.51	40.16	40.06	40.66	40.91	-28	-28
E 1/4	39.75	38.75	39.60	40.25	40.15	40.75	41.00	-29	-52
E Curb	39.40	38.88	39.68	40.33	40.23	40.83	41.08	-29	-53
E. Curb	39.00	39.00	39.76	40.41	40.31	40.91	41.16	-28	-24
	40.00	40.00						-38	
EL 33 RD ST	40.25	40.00	39.85	40.50	40.40	41.00	41.25	-35	-39
EL 33 RD ST	40.25	40.00	39.85	40.50	40.40	41.00	41.25	-35	-39
25	40.61	40.36	40.20	40.84	40.72	41.32	41.57	-38	-42
50	40.97	40.72	40.55	41.18	41.05	41.63	41.88	-42	-42
75	41.33	41.08	40.90	41.51	41.37	41.95	42.20	-37	-42
100	41.69	41.44	41.25	41.85	41.70	42.26	42.51	-44	-52
125	42.05	41.80	41.60	42.19	42.02	42.58	42.83	-47	-48
150	42.41	42.16	41.96	42.53	42.35	42.89	43.14	-58	-57
175	42.77	42.52	42.29	42.86	42.67	43.21	43.46	-58	-59
200	43.13	42.88	42.64	43.20	42.99	43.52	43.77	-51	-60
225	43.49	43.24	42.99	43.54	43.32	43.84	44.09	-56	-63
250	43.85	43.60	43.34	43.88	43.64	44.15	44.40	-61	-68
275	44.21	43.96	43.69	44.22	43.97	44.47	44.72	-64	-62
300	44.57	44.32	44.04	44.55	44.29	44.78	45.03	-66	-62
325	44.93	44.68	44.39	44.89	44.62	45.10	45.35	-67	-64
350	45.30	45.05	44.74	45.23	44.94	45.41	45.66		
375	45.66	45.41	45.09	45.57	45.26	45.73	45.98		
400	46.02	45.77	45.44	45.91	45.59	46.05	46.30		
425	46.38	46.13	45.78	46.24	45.91	46.36	46.61		

58

3975 3950 3935 4000 3990 4050 4075 -23 -24  
 3975 3950 3943 4008 3998 4058 4088 -21 -39  
 3975 3875 3960 4025 4015 4075 4100 -29 -52  
 3975 3888 3968 4033 4023 4083 4108 -29 -53  
 3975 3976 4041 4031 4091 4116 -28 -24  
 4025 4000 3985 4050 4040 4100 4125 -35 -39  
 4025 4000 3985 4050 4040 4100 4125 -35 -39  
 4061 4036 4020 4084 4072 4132 4157 -38 -42  
 4097 4072 4055 4118 4105 4163 4188 -42 -42  
 4133 4108 4090 4151 4137 4195 4220 -37 -42  
 4169 4144 4125 4185 4170 4226 4251 -44 -52  
 4205 4180 4160 4219 4202 4258 4283 -47 -48  
 4241 4216 4196 4253 4235 4289 4314 -58 -57  
 4277 4252 4229 4286 4267 4321 4346 -58 -59  
 4313 4288 4264 4320 4299 4352 4377 -51 -60  
 4349 4324 4299 4354 4332 4384 4409 -56 -63  
 4385 4360 4334 4388 4364 4415 4440 -61 -68  
 4421 4396 4369 4422 4397 4447 4472 -64 -62  
 4457 4432 4404 4455 4429 4478 4503 -66 -62  
 4493 4468 4439 4489 4462 4510 4535 -67 -64  
 4530 4505 4474 4523 4494 4541 4566  
 4566 4541 4509 4557 4526 4573 4598  
 4602 4577 4544 4591 4559 4605 4630  
 4638 4613 4578 4624 4591 4636 4661

Fill Stakes 1/4 1/2 Gregory  
 Shoemaker  
 Moore  
 Gregory  
 Moore  
 Miller  
 Gregory  
 Moore  
 Miller  
 Gregory  
 Moore  
 Miller  
 QUARTERS CENTERS 1/4 1/2 Gregory  
 Moore  
 Miller

# H STREET

South

North

450 E. of 33rd	46.74	46.49	46.13	46.58	46.24	46.68	46.93		
472.4 = 61490									
475	47.10	46.85	46.48	46.92	46.56	46.99	47.24		
500	47.46	47.21	46.83	47.26	46.89	47.31	47.56		
525	47.82	47.57	47.18	47.59	47.21	47.62	47.87	-86	-113
555	48.25	48.00	47.60	48.00	47.60	48.00	48.25	-84	-103
575	49.68	49.43	49.04	49.45	49.06	49.46	49.71	-95	-107
600	51.46	51.21	50.84	51.26	50.89	51.31	51.56	-69	-97
6203 on South									
6333 " North	53.56	53.31	53.04	53.53	53.22	53.85	54.10	-56	-107
25.0 on South									
29.0 on North	55.44	55.19	54.93	55.48	55.25	55.78	56.03	-61	-70
50 from angle									
from beneath	57.12	56.87	56.73	57.29	57.07	57.91	58.16	-56	-0.8
75	59.01	58.76	58.53	59.10	58.90	59.46	59.71	-44	+2.1
100	60.68	60.43	60.33	60.92	60.72	61.58	61.83	-17	-5.4
125	62.58	62.33	62.12	62.73	62.55	63.13	63.38	-17	-4.7
150	64.24	63.99	63.92	64.54	64.38	65.24	65.49	+16	0.0
175	66.15	65.90	65.72	66.35	66.20	66.80	67.05	+25	+0.7
200	67.80	67.55	67.52	68.16	68.03	68.91	69.16	+5.1	+0.9
225	69.72	69.47	69.31	69.97	69.85	70.48	70.73	+46	+18
250	71.36	71.11	71.11	71.78	71.68	72.57	72.82	+4.1	+3.3
275	73.2	73.03	72.91	73.59	73.51	74.15	74.40	+4.7	+5.1
300	74.93	74.68	74.71	75.40	75.33	76.23	76.48	+3.9	+5.6
325	76.25	76.00	76.50	77.21	77.16	77.82	78.07	+3.4	+6.3
350	78.49	78.24	78.30	79.02	78.99	79.89	80.14	+3.3	+6.9
375	80.42	80.17	80.10	80.83	80.81	81.50	81.75	+0.4	+7.7
400	82.05	81.80	81.90	82.65	82.64	83.55	83.80	-0.2	+8.2
416.7 on South									
411.7 " North =	83.25	83.00	82.85	83.50	83.40	84.00	84.25	-0.8	+8.2

W.L. Merritt St.

5.5  
2.2  
3.7

30  
27  
23  
20

10  
9

4622 Tiehub 4625 51.61 54.10 4989 5716 2153 6152 4244 4316  
 567 1.64 1.51 2.24 3.37 1.57 1.16 1.04 4.27  
 4989 11.2 7.02 6.54 12.50 12.2 12.2 12.2 12.2  
 4746 4745 51.46 53.56 6153 5717 6068 6424 6780  
 4745 17.0 12.1 1.49 53.56 11.1 8.2 7.5 6.63  
 474 2.0 2.1 6.7 12.2 15.1 15.5 15.5 15.5  
 4903 7.12 7.45 7.59 85.57 80.14 83.83 84.25  
 4904 1.42 1.42 1.42 7.0 14.2 10.71 10.2  
 4905 11.2 11.2 11.2 8.2 7.7 7.7 7.7  
 4906 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4907 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4908 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4909 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4910 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4911 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4912 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4913 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4914 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4915 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4916 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4917 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4918 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4919 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4920 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4921 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4922 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4923 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4924 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4925 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4926 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4927 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4928 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4929 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4930 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4931 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4932 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4933 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4934 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4935 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4936 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4937 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4938 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4939 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4940 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4941 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4942 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4943 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4944 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4945 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4946 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4947 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4948 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4949 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4950 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4951 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4952 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4953 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4954 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4955 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4956 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4957 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4958 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4959 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4960 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4961 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4962 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4963 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4964 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4965 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4966 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4967 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4968 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4969 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4970 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4971 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4972 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4973 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4974 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4975 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4976 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4977 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4978 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4979 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4980 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4981 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4982 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4983 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4984 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4985 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4986 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4987 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4988 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4989 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4990 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4991 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4992 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4993 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4994 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4995 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4996 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4997 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4998 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 4999 1.42 1.42 1.42 8.2 7.7 7.7 7.7  
 5000 1.42 1.42 1.42 8.2 7.7 7.7 7.7

63.4 = B.M. 100' E of L pt 10' So. of So Line

Curbs + Props where shown 4/21/11 Gregory Moore Miller

# H STREET

South

North

	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	10 <sup>th</sup>	S	N
W.L. Merritt St.	83.25	83.00	82.85	83.50	83.40	84.00	84.25		+0.2	+0.7
W Curb	83.00	83.00	83.05	83.70	83.60	84.00	84.00		+0.9	+0.6
	82.00	82.00				83.00	83.00		+1.9	+10.6
W 1/4	82.85	82.25	83.20	83.85	83.75	83.25	83.25		+1.9	+10.8
Center	83.50	82.50	83.35	84.00	83.90	83.50	84.50		+4.0	+10.8
E 1/4	83.40	82.75	83.50	84.15	84.05	83.75	84.40		+7.1	+11.9
E curb	83.00	83.00	83.65	84.30	84.20	84.00	84.70		+10.6	+13.1
	84.00	84.00				85.00	85.00		+9.6	+12.1
E.L. Merritt St.	84.25	84.00	83.85	84.50	84.40	85.00	85.25		+3.4	+12.1

# H. STREET

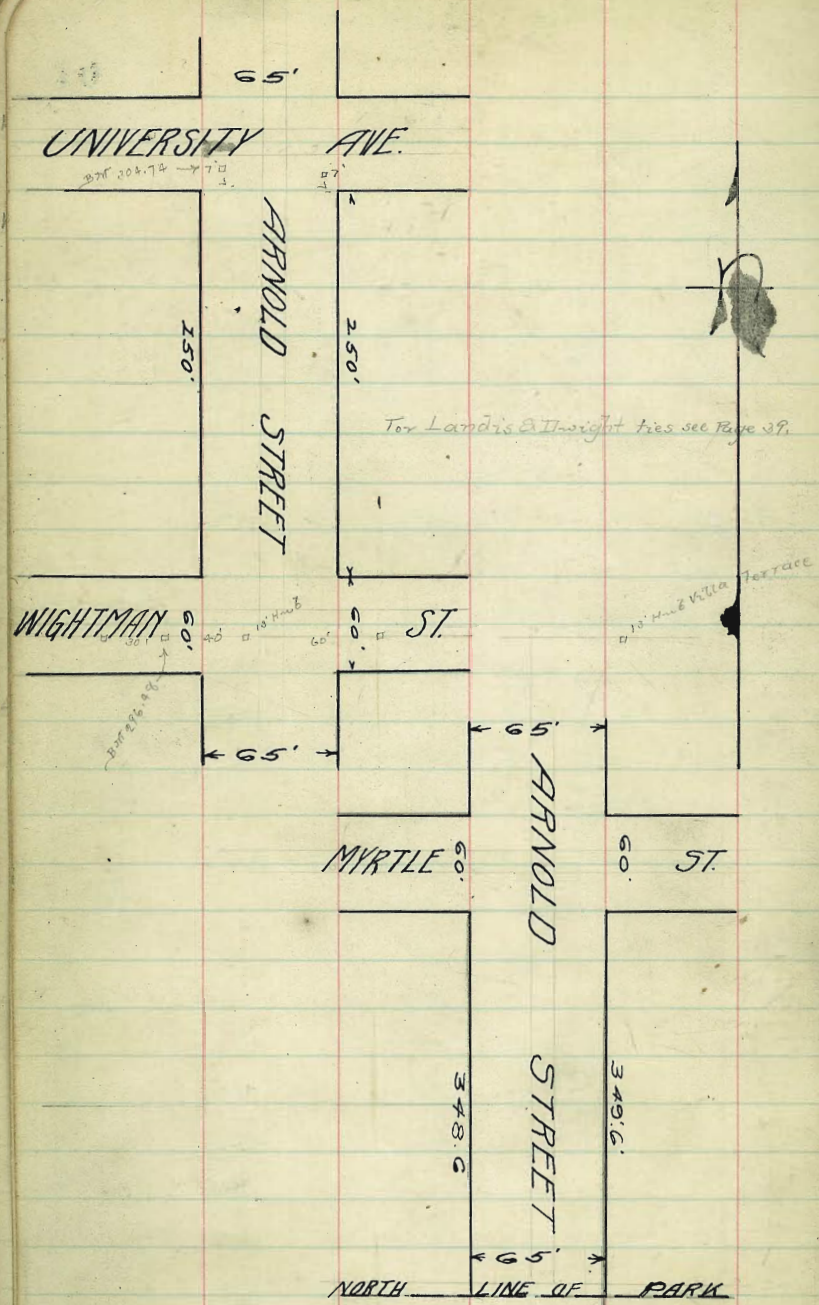
South

North

Address	84.25	84.00	83.85	84.50	84.40	85.00	85.25	S	N
EL Merritt St.								+13.4	+12.1
25	86.00	85.75	85.60	86.25	86.15	86.75	87.00	+16.5	+3.4
50	87.75	87.50	87.35	88.00	87.90	88.50	88.75	+18.0	+2.7
75	89.50	89.25	89.10	89.75	89.65	90.25	90.50	+15.9	+2.4
100	91.25	91.00	90.85	91.50	91.40	92.00	92.25	+11.8	+1.7
125	93.00	92.75	92.60	93.25	93.15	93.75	94.00	+5.5	+8.5
150	94.75	94.50	94.35	95.00	94.90	95.50	95.75	+6.5	+15.2
175	96.50	96.25	96.10	96.75	96.65	97.25	97.50	+9.6	+16.9
200	98.25	98.00	97.85	98.50	98.40	99.00	99.25	+15.0	+20.4
225	100.00	99.75	99.60	100.25	100.15	100.75	101.00	+18.6	+23.7
250	101.75	101.50	101.35	102.00	101.90	102.50	102.75	+20.3	+23.7
275	103.50	103.25	103.10	103.75	103.65	104.25	104.50	+21.8	+25.1
300	105.25	105.00	104.85	105.50	105.40	106.00	106.25	+22.1	+26.0
325	107.00	106.75	106.60	107.25	107.15	107.75	108.00	+23.3	+27.9
350	108.75	108.50	108.35	109.00	108.90	109.50	109.75	+23.4	+28.7
375	110.50	110.25	110.10	110.75	110.65	111.25	111.50	+23.5	+28.9
400	112.25	112.00	111.85	112.50	112.40	113.00	113.25	+22.5	+28.0
425	114.00	113.75	113.60	114.25	114.15	114.75	115.00	+22.0	+27.5
450	115.75	115.50	115.35	116.00	115.90	116.50	116.75	+21.8	+26.9
475	117.50	117.25	117.10	117.75	117.65	118.25	118.50	+20.5	+24.2
500	119.25	119.00	118.85	119.50	119.40	120.00	120.25	+19.4	+22.1
525	121.00	120.75	120.60	121.25	121.15	121.75	122.00	+18.8	+19.4
540	122.85	122.60	122.45	123.10	123.00	123.60	123.85	+18.2	+17.5
550	122.65	122.40	122.25	122.90	122.80	123.40	123.65	+17.9	+16.4
570	123.85	123.60	123.45	124.10	124.00	124.60	124.85	+16.8	+13.4
600-W.L. Pascoe St.	125.00	124.75	124.60	125.25	125.15	125.75	126.00	+15.7	+8.8

For Pascoe St. intersection see p. 21

<p>275 800 284 E 21 N 57.</p> <p>140.25 138.87 137.50 136.13 134.75 133.38 132.00 130.63 129.25 127.88 126.50 125.13 123.75 122.38 121.00 119.63 118.25 116.88 115.50 114.13 112.75 111.38 110.00 108.63 107.25 105.88 104.50 103.13 101.75 100.38 99.00 97.63 96.25 94.88 93.50 92.13 90.75 89.38 88.00 86.63 85.25 83.88 82.50 81.13 79.75 78.38 77.00 75.63 74.25 72.88 71.50 70.13 68.75 67.38 66.00 64.63 63.25 61.88 60.50 59.13 57.75 56.38 55.00 53.63 52.25 50.88 49.50 48.13 46.75 45.38 44.00 42.63 41.25 39.88 38.50 37.13 35.75 34.38 33.00 31.63 30.25 28.88 27.50 26.13 24.75 23.38 22.00 20.63 19.25 17.88 16.50 15.13 13.75 12.38 11.00 9.63 8.25 6.88 5.50 4.13 2.75 1.38 0.00</p>	<p>87.00 25 33rd H. 140.25 138.87 137.50 136.13 134.75 133.38 132.00 130.63 129.25 127.88 126.50 125.13 123.75 122.38 121.00 119.63 118.25 116.88 115.50 114.13 112.75 111.38 110.00 108.63 107.25 105.88 104.50 103.13 101.75 100.38 99.00 97.63 96.25 94.88 93.50 92.13 90.75 89.38 88.00 86.63 85.25 83.88 82.50 81.13 79.75 78.38 77.00 75.63 74.25 72.88 71.50 70.13 68.75 67.38 66.00 64.63 63.25 61.88 60.50 59.13 57.75 56.38 55.00 53.63 52.25 50.88 49.50 48.13 46.75 45.38 44.00 42.63 41.25 39.88 38.50 37.13 35.75 34.38 33.00 31.63 30.25 28.88 27.50 26.13 24.75 23.38 22.00 20.63 19.25 17.88 16.50 15.13 13.75 12.38 11.00 9.63 8.25 6.88 5.50 4.13 2.75 1.38 0.00</p>	<p>140.25 138.87 137.50 136.13 134.75 133.38 132.00 130.63 129.25 127.88 126.50 125.13 123.75 122.38 121.00 119.63 118.25 116.88 115.50 114.13 112.75 111.38 110.00 108.63 107.25 105.88 104.50 103.13 101.75 100.38 99.00 97.63 96.25 94.88 93.50 92.13 90.75 89.38 88.00 86.63 85.25 83.88 82.50 81.13 79.75 78.38 77.00 75.63 74.25 72.88 71.50 70.13 68.75 67.38 66.00 64.63 63.25 61.88 60.50 59.13 57.75 56.38 55.00 53.63 52.25 50.88 49.50 48.13 46.75 45.38 44.00 42.63 41.25 39.88 38.50 37.13 35.75 34.38 33.00 31.63 30.25 28.88 27.50 26.13 24.75 23.38 22.00 20.63 19.25 17.88 16.50 15.13 13.75 12.38 11.00 9.63 8.25 6.88 5.50 4.13 2.75 1.38 0.00</p>	<p>140.25 138.87 137.50 136.13 134.75 133.38 132.00 130.63 129.25 127.88 126.50 125.13 123.75 122.38 121.00 119.63 118.25 116.88 115.50 114.13 112.75 111.38 110.00 108.63 107.25 105.88 104.50 103.13 101.75 100.38 99.00 97.63 96.25 94.88 93.50 92.13 90.75 89.38 88.00 86.63 85.25 83.88 82.50 81.13 79.75 78.38 77.00 75.63 74.25 72.88 71.50 70.13 68.75 67.38 66.00 64.63 63.25 61.88 60.50 59.13 57.75 56.38 55.00 53.63 52.25 50.88 49.50 48.13 46.75 45.38 44.00 42.63 41.25 39.88 38.50 37.13 35.75 34.38 33.00 31.63 30.25 28.88 27.50 26.13 24.75 23.38 22.00 20.63 19.25 17.88 16.50 15.13 13.75 12.38 11.00 9.63 8.25 6.88 5.50 4.13 2.75 1.38 0.00</p>
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1964  
 212  
 307-64ND

30165	30166	30167	30168	30169
97.00	97.00	98.00	97.00	98.00
8.10	9.30	8.60	8.70	3.10
↓	↓	↓	↓	↓
30165	30166	30167	30168	30169
96.00	96.00	97.00	96.00	97.00
8.10	8.30	8.10	8.70	4.10
↓	↓	↓	↓	↓
30165	30166	30167	30168	30169
96.00	96.00	97.00	96.00	97.00
8.10	8.30	8.10	8.70	4.10
↓	↓	↓	↓	↓
30165	30166	30167	30168	30169
96.00	96.00	97.00	96.00	97.00
8.10	8.30	8.10	8.70	4.10
↓	↓	↓	↓	↓

GRADES ON ARNOLD STREET  
SOUTH LINE OF UNIVERSITY TO NORTH LINE  
OF WIGHTMAN

UNIVERSITY AVENUE

0	305.09	304.84	<del>304.82</del>	305.575	305.75	306.35	306.60
25	304.36	304.11	<del>304.44</del>	304.84	304.97	305.57	305.92
50	303.62	303.37	<del>303.41</del>	304.08	304.38	304.78	304.03
75	302.89	302.64	<del>302.87</del>	303.32	303.40	304.00	304.25
1	302.15	301.90	<del>302.08</del>	302.56	302.61	303.21	303.46
25	301.42	301.17	<del>301.30</del>	301.80	301.83	302.43	302.68
50	300.69	300.44	<del>300.51</del>	301.04	301.04	301.64	301.89
75	299.95	299.70	<del>299.72</del>	300.28	300.26	300.86	301.11
1	299.22	298.97	<del>298.92</del>	299.52	299.47	300.07	300.32
25	298.48	298.23	<del>298.24</del>	298.76	298.69	299.29	299.64
50	297.75	297.50	297.35	298.00	297.90	298.50	298.75

WIGHTMAN STREET

297.75	297.50	297.35	298.00	297.90	298.50	298.75
North Line						
North Curb						
297.50	297.50	297.18	297.83	297.73	298.50	298.50
296.50	296.50				297.50	297.50
North Quarter						
296.90	296.25	297.02	297.67	297.57	297.25	297.90
Center						
297.0	296.00	296.85	297.50	297.40	297.00	298.0
South Quarter						
296.35	296.75	296.68	297.33	297.23	296.75	297.35
South Curb						
296.50	296.50				296.50	296.50
296.50	296.50	296.52	297.17	297.07	297.50	297.50
South Line						
296.75	296.50	296.35	297.00	296.90	297.50	297.75

101.90 Job File N.W. Cor University Ave & Arizona.

206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79
206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79	206.79

ing 19-1913 + a stake  
Dorman, Miller, Shaw

304.74 BM	298.50	297.50	298.92	300.07	301.64
1.18	7.42	8.42	6.95	5.85	4.28
305.92 H.I.	302.00	303.21	304.78	304.74	301.90
1.08	5.48	2.71	1.14	0.90	297.50
304.84				305.64 H.I.	3.74
				303.37	8.14
				302.44	
				2.27	5.20

307.54	307.54	307.54	307.54	307.54	307.54	307.54	307.54	307.54	307.54
296.35	297.00	296.90	297.50	297.50	297.50	297.50	297.50	297.50	297.50
11.24	11.19	10.54	10.64	10.64	10.64	10.64	10.64	10.64	10.64
25	25	25	25	25	25	25	25	25	25
11.44	10.77	10.89							

set ends & ruled for Sigs  
West - Evans - Fletcher

206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64
206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64	206.64

curb & roadway O.B. Walk on the East side in places than curb places. Dorman, Miller, Shaw. Nov 12-1913



GRADES ON ARNOLD STREET  
DWIGHT STREET INTERSECTION  
WEST EAST

NORTH LINE

286.25 286.0 285.85 286.50 286.40 287.0 287.25

NORTH CURB

286.0 286.0 285.68 286.33 286.23 287.0 287.0

285.0 285.0 286.0 286.0

NORTH QUARTER

285.40 284.75 285.52 286.17 286.07 285.75 286.4

CENTER

285.50 284.50 285.35 286.00 285.90 285.5 286.50

SOUTH QUARTER

284.85 284.25 285.18 285.83 285.73 285.25 285.85

SOUTH CURB

284.0 284.0 285.02 285.67 285.57 285.0 285.0

285.0 285.0 286.0 286.0

SOUTH LINE

285.25 285.0 284.85 285.50 285.40 286.0 286.25

GRADES ON ARNOLD STREET  
MYRTLE STREET INTERSECTION  
WEST EAST

NORTH LINE

278.25 278.0 277.85 278.50 278.40 279.0 279.25

NORTH CURB

278.0 278.0 279.0 279.0

277.0 277.0 277.68 278.33 278.23 278.0 278.0

NORTH QUARTER

276.75 277.52 278.17 278.07 277.75 278.40

CENTER

277.50 276.50 277.35 278.0 277.90 277.50 278.50

SOUTH QUARTER

276.85 276.25 277.18 277.83 277.73 277.25 277.85

SOUTH CURB

276.0 276.0 277.02 277.67 277.57 277.0 277.0

277.0 277.0 276.0 278.0

SOUTH LINE

277.25 277.0 276.85 277.50 277.4 278.0 278.25

GRADES ON ARNOLD AVENUE  
MYRTLE STREET TO CITY PARK

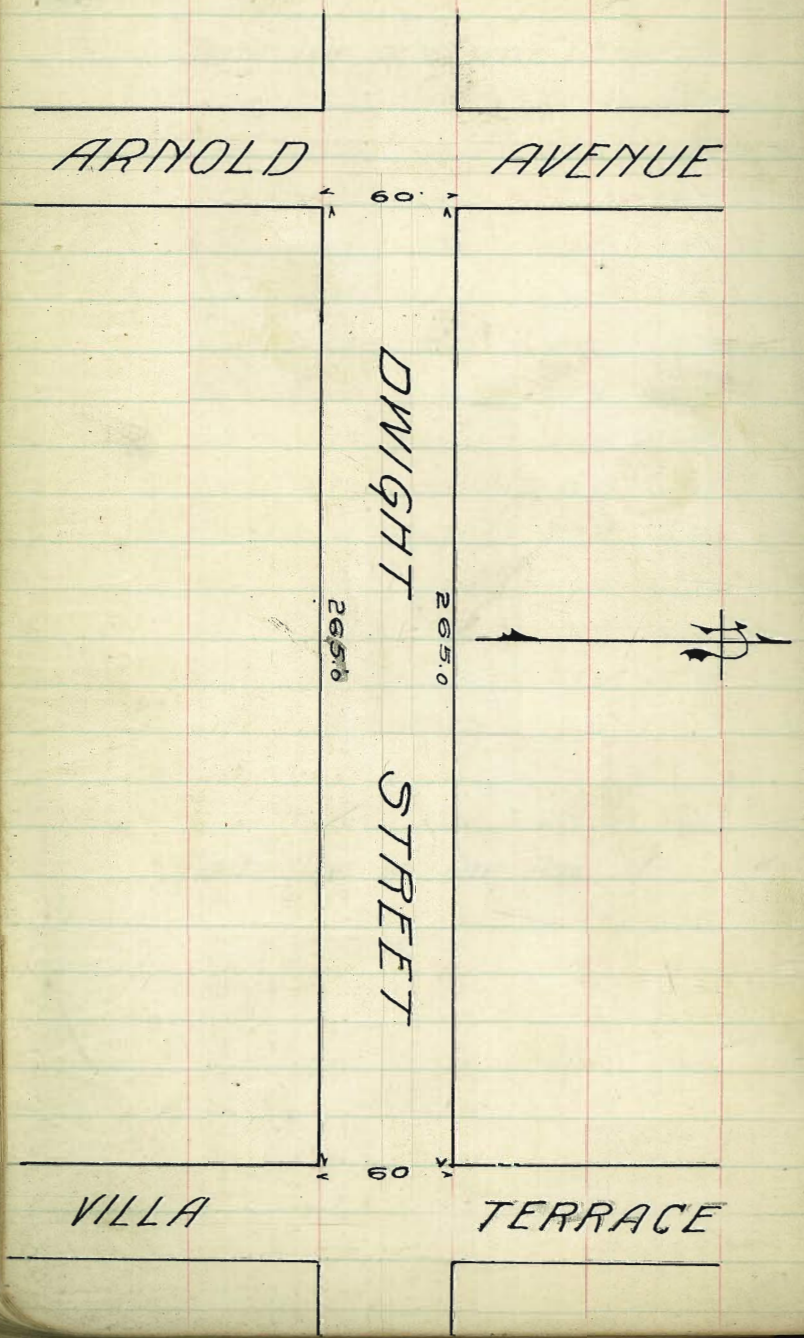
WESTEAST

SOUTH LINE OF MYRTLE STREET

W. E.

0	277.25	2770	276.85	277.50	277.40	278.00	278.25	+1.0	+0.5
+25	276.25	2760	275.83	276.46	276.34	276.92	277.17	+0.9	+0.8
+50	275.25	2750	274.81	275.42	275.29	275.85	276.10	+1.3	+1.1
+75		2740	273.79	274.39	274.23	274.78	275.03	+1.2	+1.2
1		2730	272.77	273.35	273.17	273.71	273.96	+1.0	+0.9
+25		2720	271.75	272.32	272.11	272.64	272.89	+0.4	-0.1
+50		2710	270.74	271.28	271.06	271.57	271.82	+0.3	-0.5
+75		2700	269.72	270.25	270.00	270.50	270.75	-0.4	-2.0
2		2690	268.70	269.21	268.94	269.42	269.67	-0.3	-2.3
+25		2680	267.68	268.17	267.90	268.35	268.60	-0.2	-3.5
+50		2670	266.66	267.13	266.83	267.28	267.53	-0.1	-3.7
+75		2660	265.65	266.10	265.76	266.21	266.46	00	-3.6
3		2650	264.63	265.07	264.71	265.14	265.39	-0.2	-4.1
+25		2640	263.61	264.03	263.65	264.07	264.32	-0.2	-4.1
+46.6									
+49.6	26325	2630	262.60	263.0	262.60	263.0	263.25	-0.2	-4.8

NORTH LINE OF CITY PARK



ARNOLD

AVENUE

DWIGHT

STREET

VILLA

TERRACE

60

60

265.0

265.0

DWIGHT STREET GRADES  
ARNOLD TO VILLA TERRACE

VILLA TERRACE

27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65

29917	29917	29917	29917	29917	29917	29917	29917
9725	9700	9493	9480	9291	9244	9175	9225
1.92	2.17	4.74	4.37	6.26	6.73	7.42	6.92
1.8	2.1	2.9	3.9	7.5	7.0	7.6	7.9
4.01	0.0	-0.2	-1.9	-1.2	-0.3	-0.2	-1.0

+5 - on S' side of Dwight from the West line of Villa Terrace  
to the alley between Villa Terrace and Arnold March 21-1913

29647	29720	9481	9443	9266	9244
3.20	2.62	5.07	4.93	6.96	7.18
299.62					

Dorman, Shaul, Howard

W/ of E 1/2 of street between Villa Terrace & Arnold 5-29-13

92.25

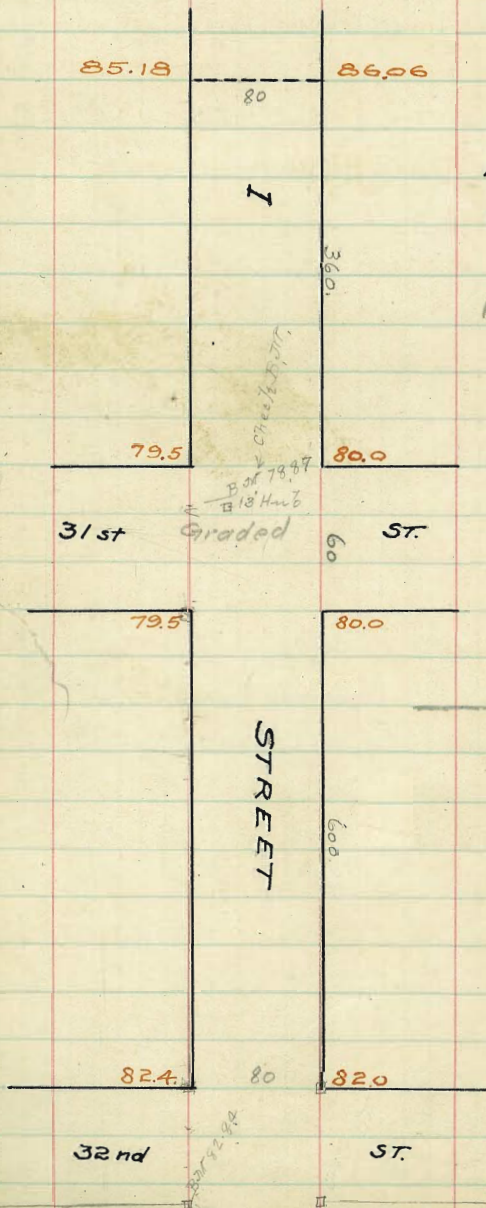
92.00 91.75 91.50

+65	29725	29710	29666	29710	29666	29710	29725
+25	29574	29549	29514	29542	29498	29534	29559
2	29480	29455	29410	29443	29396	29429	29454
+75	29386	29360	29314	29344	29294	29325	29350
+50	29291	29266	29218	29244	29193	29222	29247
25	29197	29172	29121	29146	29091	29118	29143
1	29102	29077	29025	29046	28990	29014	29039
+75	28908	28883	28829	28847	28789	28811	28836
+50	28814	28789	28733	28741	28684	28707	28732
+25	28719	28694	28636	28644	28586	28604	28629
0	28625	28600	28544	28552	28494	28517	28542

ARNOLD AVE

I STREET.

360' W. of 31st ST to W.L. 32nd ST.



85.18

80

86.06

I

14' walks

13 1/4'

360'

Book 347

79.5

80.0

31st

Graded

60

ST.

79.5

80.0

N

I STREET

600'

82.4

80

82.0

32nd

ST.

SE Cor 30th & J.

I STREET

S

N

435 E. of 30th	85.43	85.18	85.00	85.62	85.46	86.06	86.31
450	85.19	84.94	84.76	85.38	85.21	85.81	86.06
475	84.80	84.55	84.36	84.97	84.79	85.39	85.64
500	84.40	84.15	83.96	84.56	84.37	84.97	85.22
525	84.01	83.76	83.56	84.15	83.95	84.55	84.80
550	83.62	83.37	83.16	83.74	83.52	84.12	84.37
575	83.23	82.97	82.76	83.34	83.10	83.70	83.95
600	82.83	82.58	82.36	82.93	82.68	83.28	83.53
625	82.43	82.18	81.95	82.52	82.26	82.86	83.11
650	82.04	81.79	81.55	82.11	81.84	82.44	82.69
675	81.64	81.39	81.15	81.71	81.42	82.02	82.27
700	81.25	81.00	80.75	81.30	81.00	81.60	81.85
725	80.85	80.60	80.35	80.89	80.58	81.18	81.43
750	80.46	80.21	79.95	80.48	80.16	80.76	81.01
775	80.07	79.82	79.55	80.08	79.74	80.34	80.59
795 = W.L. 31 ST	79.75	79.50	79.23	79.75	79.40	80.00	80.25

S. line N. line

-2.6	+2.4
-2.6	+1.4
-2.4	+1.4
-2.5	+1.7
-2.2	+1.2
-2.2	+1.7
-2.2	+1.6
-2.2	+1.0
-2.3	+1.4
-2.2	+1.4
-2.2	+1.2
-2.4	+0.6
-2.2	+0.6
-2.0	+0.1
-1.9	0.0
-1.9	-0.1
-1.3	-0.5
-0.9	-0.6
-0.3	-0.8
0.0	+0.3
+0.2	+0.3
+0.2	+0.3
+0.8	+1.2
+0.1	0.0
+1.1	+2.1

95.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87  
 90.25 77.75 80.46 91.01 81.85 81.25 82.04 82.69 88.03 82.83  
 8.62 9.12 8.91 7.96 7.02 7.62 6.83 6.88 6.34 6.14  
 3.6 7.0 8.1 7.1 7.9 8.6 9.7 6.2 4.9 8.4  
 0.0 7.01 7.01 7.01 7.01 7.01 7.01 7.01 7.01 7.01  
 88.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87 88.87  
 83.42 84.87 85.22 84.80 85.17 86.06 86.31 85.43  
 3.5 4.5 3.6 4.5 4.7 3.6 2.8 2.6 3.4 4  
 7.5 3.1 2.0 6.7 6.1 1.4 0.5 6.0  
 -1.3 7.14 7.17 -2.2 -2.4 7.14 7.11 -1.6

+4 - taken Aug 13-1913 Damon, Shumaner, Shaw,  
 T.P. 86.16 87.97 87.87 87.87 87.87 87.87 87.87 87.87 87.87 87.87  
 1.71 80.18 86.06 84.97 84.15 83.37 84.12 83.28 82.58  
 87.87 H.I. 2.67 1.81 2.90 3.72 4.50 3.75 4.09 5.29  
 78.87 87.53 87.87 87.87 87.87 87.87 87.87 87.87 87.87 87.87  
 81.79 82.94 81.60 81.00 80.76 80.27 79.80 80.00  
 6.08 5.93 6.27 6.87 7.11 7.66 8.37 7.97  
 Aug 26-1913 curb & property  
 Damon, Weller, Shaw.

87827 Br 79.10 80.04 80.75  
 580 517 477 491  
 8467  
 7887 Br 85.18 87.22 84.06  
 87.87 2.00 3.25 1.81

Checked OK 10-8-13 Along

I STREET

	S					N	
56.31 ST. ST.	79.75	79.50	79.23	79.75	79.40	80.00	80.25
25 E	79.87	79.62	79.35	79.85	79.49	80.08	80.33
50	79.99	79.74	79.46	79.95	79.58	80.17	80.42
75	80.11	79.86	79.58	80.06	79.68	80.25	80.50
100	80.23	79.98	79.69	80.16	79.77	80.33	80.58
125	80.35	80.10	79.81	80.26	79.86	80.42	80.67
150	80.48	80.23	79.92	80.36	79.95	80.50	80.75
175	80.58	80.35	80.04	80.46	80.04	80.58	80.83
200	80.72	80.47	80.15	80.59	80.13	80.67	80.92
225	80.84	80.59	80.27	80.67	80.23	80.75	81.00
250	80.96	80.71	80.38	80.77	80.32	80.83	81.08
275	81.08	80.83	80.50	80.87	80.41	80.92	81.17
300	81.20	80.95	80.61	80.98	80.50	81.00	81.25
325	81.32	81.07	80.73	81.08	80.59	81.08	81.33
350	81.44	81.19	80.85	81.18	80.68	81.17	81.42
375	81.56	81.31	80.96	81.28	80.78	81.25	81.50
400	81.68	81.43	81.08	81.38	80.87	81.33	81.58
425	81.80	81.55	81.19	81.49	80.96	81.42	81.67
450	81.93	81.68	81.31	81.59	81.05	81.50	81.75
475	82.05	81.80	81.42	81.69	81.14	81.58	81.83
500	82.17	81.92	81.54	81.79	81.23	81.67	81.92
525	82.29	82.04	81.65	81.89	81.33	81.75	82.00
550	82.41	82.16	81.77	82.00	81.42	81.83	82.08
575	82.53	82.28	81.88	82.10	81.51	81.92	82.17
600=WL 32nd	82.65	82.40	82.00	82.20	81.60	82.00	82.25

80.23 3rd Pole NE Coy 32nd & H STS.  
 +3.05  
 81.58  
 -3.78  
 79.80 old Cor H. 2 SF, 32nd & I  
 81.50  
 81.05 H  
 81.16  
 79.89 13 Hw 31st & I

s.line									
+0.1	21.07	82.05	82.05	82.05	82.05	82.05	82.05	82.05	82.05
+1.4	+2.26	82.65	82.25	82.08	82.41	82.17	81.92	81.70	81.93
+1.1	+1.6	82.40	82.80	82.97	82.64	82.98	82.13	82.30	82.12
+1.2	+2.28	82.7	82.6	82.9	82.2	82.5	82.9	82.4	82.2
+1.3	+2.28	-0.3	+0.2	+0.1	-0.6	-0.6	+0.2	+0.9	-0.6
+1.4	+2.26	82.05	82.05	82.05	82.05	82.05	82.05	82.05	82.05
+1.2	+2.28	81.41	81.44	81.20	81.25	81.09	80.76	80.72	80.75
+0.9	+2.9	82.63	82.61	82.80	82.80	82.77	82.09	82.33	82.13
+1.2	+2.28	82.50	82.60	82.3	82.2	82.8	82.5	82.3	82.0
+1.3	+2.28	+1.6	+0.6	+1.6	+2.0	+3.12	+1.6	+2.0	+3.1
+1.3	+2.28	82.05	82.05	82.05	82.05	82.05	82.05	82.05	82.05
+0.9	+2.9	82.23	80.58	80.42	79.99	79.75	80.26		
+1.1	+2.9	7.82	7.47	7.63	8.06	8.30	7.80		
+1.1	+2.9	7.0	4.6	5.0	7.0	9.2	7.7		
+1.1	+2.9	-0.3	+2.9	+2.6	1.1	+0.1	+0.1		

82.84  
 82.84  
 86.68  
 5.28  
 81.23  
 4.70  
 85.73  
 12.00  
 80.67  
 4.15  
 84.52  
 5.35

82.20 82.40 / 82.16 81.85 / 81.92 81.67 / 81.68 81.32  
 4.84 4.78 / 4.72 4.55 / 4.72 4.51 / 4.72 4.51

81.42 81.23 / 81.17 80.95 / 80.95 80.71 / 80.83  
 5.35 5.25 / 4.54 4.32 / 4.72 4.72 / 5.01 4.50

82.7 82.7 82.42 / 80.23 80.20 / 79.92 80.33  
 12.00 12.00 / 4.59 4.32 / 4.54 4.47

79.74 80.17 / 79.50 80.00  
 5.08 4.45 / 5.32

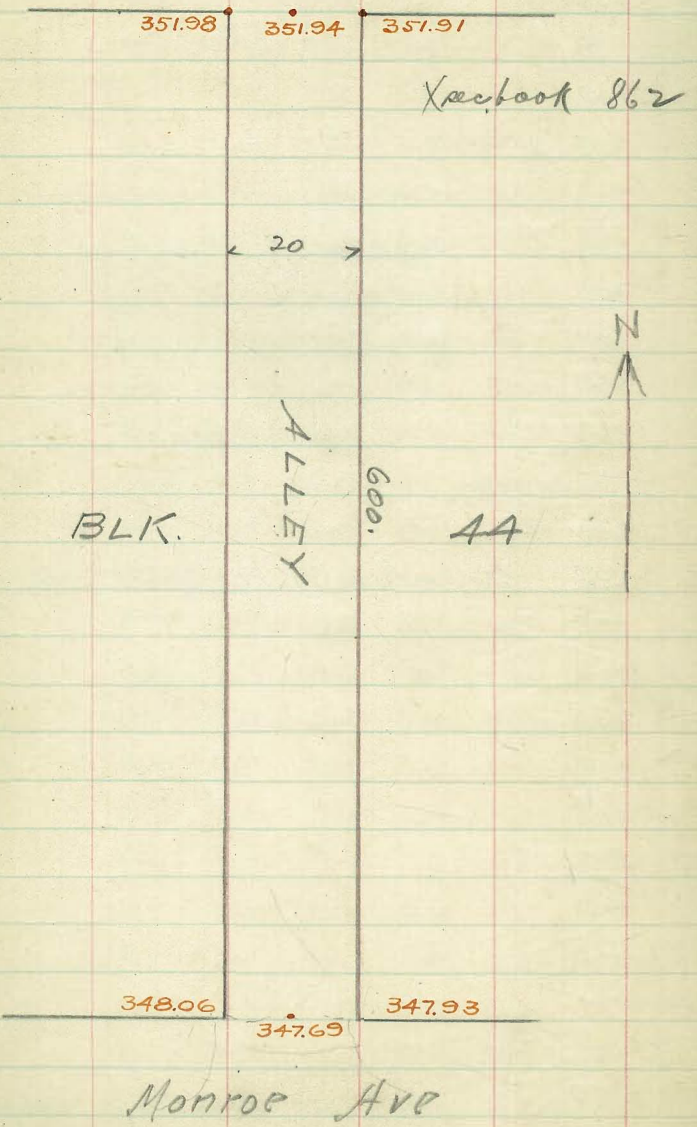
82.84 km 82.40 82.00  
 5.28 5.69

Checked OK 10-8-13 through



ALLEY in BLOCK 44  
UNIV. HTS.

Madison Ave



ALLEY BLK 44 UNIV. HTS

	W	C	E	W	E
600 = SL. Madison	351.98	351.94	351.91	+12	+16
575	351.87	351.76	351.74	+15	+10
550	351.65	351.59	351.58	+09	+10
525	351.49	351.41	351.41	+13	+10
500	351.33	351.23	351.25	+07	+09
475	351.16	351.05	351.08	+04	+11
450	351.00	350.88	350.92	+05	+08
425	350.84	350.70	350.75	+09	+07
400	350.67	350.52	350.58	+09	+11
375	350.51	350.35	350.42	+10	+18
350	350.35	350.17	350.25	+09	+17
325	350.18	349.99	350.09	+14	+10
300	350.02	349.82	349.92	+09	+11
275	349.86	349.64	349.75	+06	+07
250	349.69	349.46	349.59	+07	+05
225	349.53	349.28	349.42	-05	+01
200	349.37	349.11	349.26	-10	-07
175	349.20	348.93	349.09	-09	-05
150	349.04	348.75	348.93	-08	-06
125	348.88	348.58	348.76	-11	-09
100	348.71	348.40	348.59	-11	-10
75	348.55	348.22	348.43	-10	-08
50	348.37	348.04	348.26	-07	-10
25 N	348.22	347.87	348.10	-03	-03
N.W. Monroe	348.06	347.69	347.93	+03	+04

SE Cor Campus & Madison

351.98 351.94 351.91  
 351.87 351.76 351.74  
 351.65 351.59 351.58  
 351.49 351.41 351.41  
 351.33 351.23 351.25  
 351.16 351.05 351.08  
 351.00 350.88 350.92  
 350.84 350.70 350.75  
 350.67 350.52 350.58  
 350.51 350.35 350.42  
 350.35 350.17 350.25  
 350.18 349.99 350.09  
 350.02 349.82 349.92  
 349.86 349.64 349.75  
 349.69 349.46 349.59  
 349.53 349.28 349.42  
 349.37 349.11 349.26  
 349.20 348.93 349.09  
 349.04 348.75 348.93  
 348.88 348.58 348.76  
 348.71 348.40 348.59  
 348.55 348.22 348.43  
 348.37 348.04 348.26  
 348.22 347.87 348.10  
 348.06 347.69 347.93

351.98	351.94	351.91	351.98	351.94	351.91
351.87	351.76	351.74	351.87	351.76	351.74
351.65	351.59	351.58	351.65	351.59	351.58
351.49	351.41	351.41	351.49	351.41	351.41
351.33	351.23	351.25	351.33	351.23	351.25
351.16	351.05	351.08	351.16	351.05	351.08
351.00	350.88	350.92	351.00	350.88	350.92
350.84	350.70	350.75	350.84	350.70	350.75
350.67	350.52	350.58	350.67	350.52	350.58
350.51	350.35	350.42	350.51	350.35	350.42
350.35	350.17	350.25	350.35	350.17	350.25
350.18	349.99	350.09	350.18	349.99	350.09
350.02	349.82	349.92	350.02	349.82	349.92
349.86	349.64	349.75	349.86	349.64	349.75
349.69	349.46	349.59	349.69	349.46	349.59
349.53	349.28	349.42	349.53	349.28	349.42
349.37	349.11	349.26	349.37	349.11	349.26
349.20	348.93	349.09	349.20	348.93	349.09
349.04	348.75	348.93	349.04	348.75	348.93
348.88	348.58	348.76	348.88	348.58	348.76
348.71	348.40	348.59	348.71	348.40	348.59
348.55	348.22	348.43	348.55	348.22	348.43
348.37	348.04	348.26	348.37	348.04	348.26
348.22	347.87	348.10	348.22	347.87	348.10
348.06	347.69	347.93	348.06	347.69	347.93

Course I think these grades are figured, as low, should be from property grade to property grade instead of from curb grade to curb grade.

348.06	347.93	348.06	348.06	347.93	348.06
348.22	347.87	348.22	348.22	347.87	348.22
348.37	348.04	348.37	348.37	348.04	348.37
348.55	348.22	348.55	348.55	348.22	348.55
348.71	348.40	348.71	348.71	348.40	348.71
348.88	348.58	348.88	348.88	348.58	348.88
349.04	348.75	349.04	349.04	348.75	349.04
349.20	348.93	349.20	349.20	348.93	349.20
349.37	349.11	349.37	349.37	349.11	349.37
349.53	349.28	349.53	349.53	349.28	349.53
349.69	349.46	349.69	349.69	349.46	349.69
349.86	349.64	349.86	349.86	349.64	349.86
350.02	349.82	350.02	350.02	349.82	350.02
350.18	349.99	350.18	350.18	349.99	350.18
350.35	350.17	350.35	350.35	350.17	350.35
350.51	350.35	350.51	350.51	350.35	350.51
350.67	350.52	350.67	350.67	350.52	350.67
350.84	350.70	350.84	350.84	350.70	350.84
351.00	350.88	351.00	351.00	350.88	351.00
351.16	351.05	351.16	351.16	351.05	351.16
351.33	351.23	351.33	351.33	351.23	351.33
351.49	351.41	351.49	351.49	351.41	351.49
351.65	351.59	351.65	351.65	351.59	351.65
351.87	351.76	351.87	351.87	351.76	351.87
351.98	351.94	351.98	351.98	351.94	351.98

Finish stakes as above given grades, lower end jacked to get drainage. Damon, Miller, Shawt Nov 7, 1913.

checked O.H. Nov 11-1913  
 Damon  
 Miller  
 Shawt

Columbia St Grades

From Center Vine St to

Center Upas St. on W. side Columbia

12' Walks 12.75' Quarters on Columbia St

10 " 7.5 " " Vine<sup>nd</sup> Upas Sts

E W

From Center of Vine to S.L. Vine

E on W. side of Columbia St W

	☒	W <sup>1</sup> / <sub>4</sub>	W Corb	W
Cr Vine	111.75	111.50	111.25	111.25
5 <sup>1</sup> / <sub>4</sub>	111.47	111.22	110.97	110.90
			110.50	
5 Corb	111.00	110.75	111.50	111.50
S.L. Vine St	112.00	111.35	111.50	111.75

Columbia St Grades  
West 1/2 from S.L. Vine St  
to N.L. Upas St

E	±	V 1/4	W Corb	W	
S.L. Vine St	125 1250	112.00	111.35	111.50	111.75
25's		112.25	111.61	111.76	112.01
50's	1326 1321	112.51	111.86	112.01	112.26
75's		112.76	112.11	112.26	112.51
100's	1327 1352	113.01	112.36	112.52	112.77
125's		113.27	112.62	112.77	113.02
150's	1427 1401	113.52	112.87	113.02	113.27
175's		113.77	113.12	113.28	113.53
200's	1472 1453	114.03	113.38	113.53	113.78
225's		114.28	113.63	113.78	114.03
250's	1524 1503	114.54	113.89	114.04	114.29
275's		114.79	114.14	114.29	114.54
300's	1554 1554	115.04	114.39	114.54	114.79
325's		115.39	114.65	114.80	115.05
345's	1624 1624	115.50	114.85	115.00	115.25
N.L. Upas St					

cut & fill down to show

see page 74

75

110.98 0.63	110.98	110.98	122.33	2822	2822	2822	116.40	116.40
110.98	114.77	114.77	114.77	13.27	12.77	12.77	111.75	111.75
110.98	3.21	3.56	3.30	15.30	16.05	16.31	4.65	4.65
110.98	17.10	10.90	3.22	5.80	5.56	6.21	7.65	10.95
122.33	-20.7	-14.0	-0.4	4.00	-1.05	4.01	3.10	-6.3

114.30		118.90		111.56		112.58		112.07	
4.50	4.00	4.00	4.00	111.56	112.58	112.58	112.58	112.07	112.07
118.80	2.8	1.6	1.6	111.56	112.58	112.58	112.58	112.07	112.07
9.87	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07
109.93	0.0	0.0	0.0	111.56	112.58	112.58	112.58	112.07	112.07
2.61	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07
111.58	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07
7.9	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07
110.99	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07
11.74	1.0	1.0	1.0	111.56	112.58	112.58	112.58	112.07	112.07

122.58	117.62	117.62	117.62	117.62	117.62	117.62	117.62	117.62	117.62
122.58	6.15	6.15	6.15	6.15	6.15	6.15	6.15	6.15	6.15
122.58	111.47	111.47	111.47	111.47	111.47	111.47	111.47	111.47	111.47
122.58	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28
122.58	11.72	11.72	11.72	11.72	11.72	11.72	11.72	11.72	11.72
122.58	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93
122.58	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93
122.58	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93
122.58	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93
122.58	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93	11.93

116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00
2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00	116.00
130.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00
5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00

Columbia N L Upas to S L Vine  
check OK

Columbia St Grades  
 West 1/2 of St from N.L. Upas St  
 to Center Upas St

see P-74

1.97  
 9.4  
 1.4

70.

E	SLY. E	±	N 1/4	W Curb	W
25'S	N.L. Upas St	115.50	114.85	115.00	115.25
36'S					
75'S	N. Curb	114.50	114.25	115.00	115.00
100'S				114.00	
125'S	N 1/4	115.39	115.16	114.94	114.85
150'S					
175'S	±	116.00	115.35	115.50	115.50
200'S					
225'S					
250'S					
275'S					
300'S					
325'S					
345'S					
N.L.					

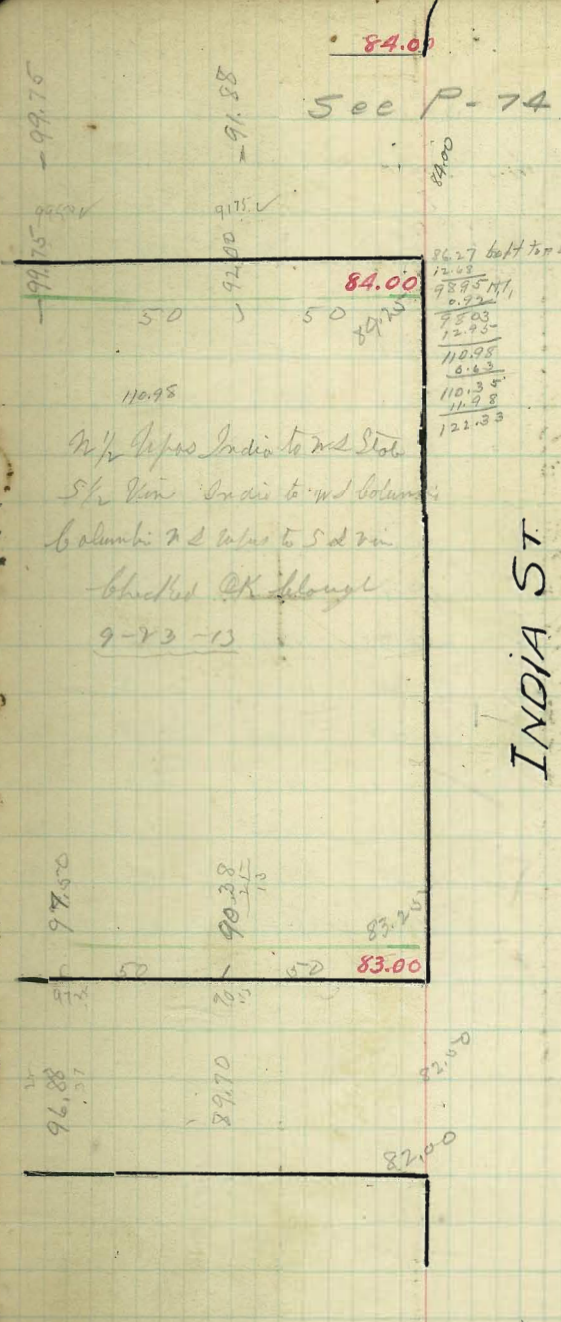
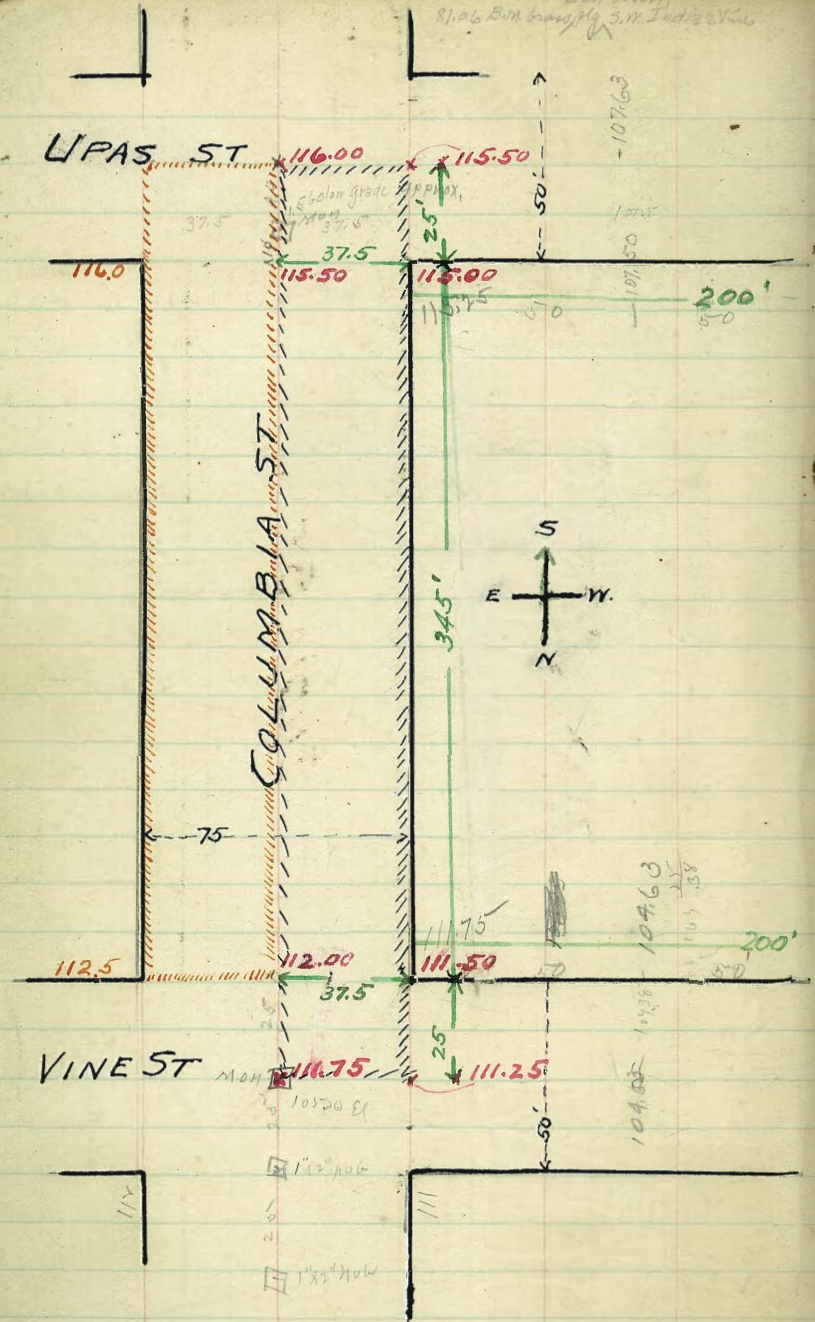
8105 the SW 1/4 India  
 9175 9900 10725 11500  
 525 821 46 2.62

8105 Br  
 9013 9125 11438  
 2.92 8.46 15.23

115.50 107.61  
 8.25

all dirt set 5 1/2 min + N 1/2 Upas  
 India to Columbia 7.13-13 blough

check OK blough  
 5 1/2 min st India to W 1/2 Columbia



84.00  
See P-74

84.00  
50 50  
110.95  
W. P. Upas India to rd Sta  
S. P. Vine India to rd Columbia  
Columbia rd to S of Vine  
checked OK  
9-23-13

86.27 bolt top of Hyd SE. UPAS

92.00  
91.88  
91.75  
91.63  
91.50  
91.38  
91.25  
91.13  
91.00  
90.88  
90.75  
90.63  
90.50  
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85.38  
85.25  
85.13  
85.00  
84.88  
84.75  
84.63  
84.50  
84.38  
84.25  
84.13  
84.00

92.95	93.95
92.00	91.88
6.95	2.07
12.95	3.57
-5.9	+3.5
98.95	110.98
99.75	99.78
0.8	11.23
2.3	7.13
-3.2	+4.1
110.95	122.88
107.00	107.23
3.95	15.65
110.95	43.6
118.25	122.83
7.27	125.58
6.8	6.83
5.8	4.13
192.33	4.27
118.38	122.75
6.83	116.90
18.03	4.33
-3.2	+0.80
	+7.13

by cuttings  
13  
Dimple  
Shaw  
Rm

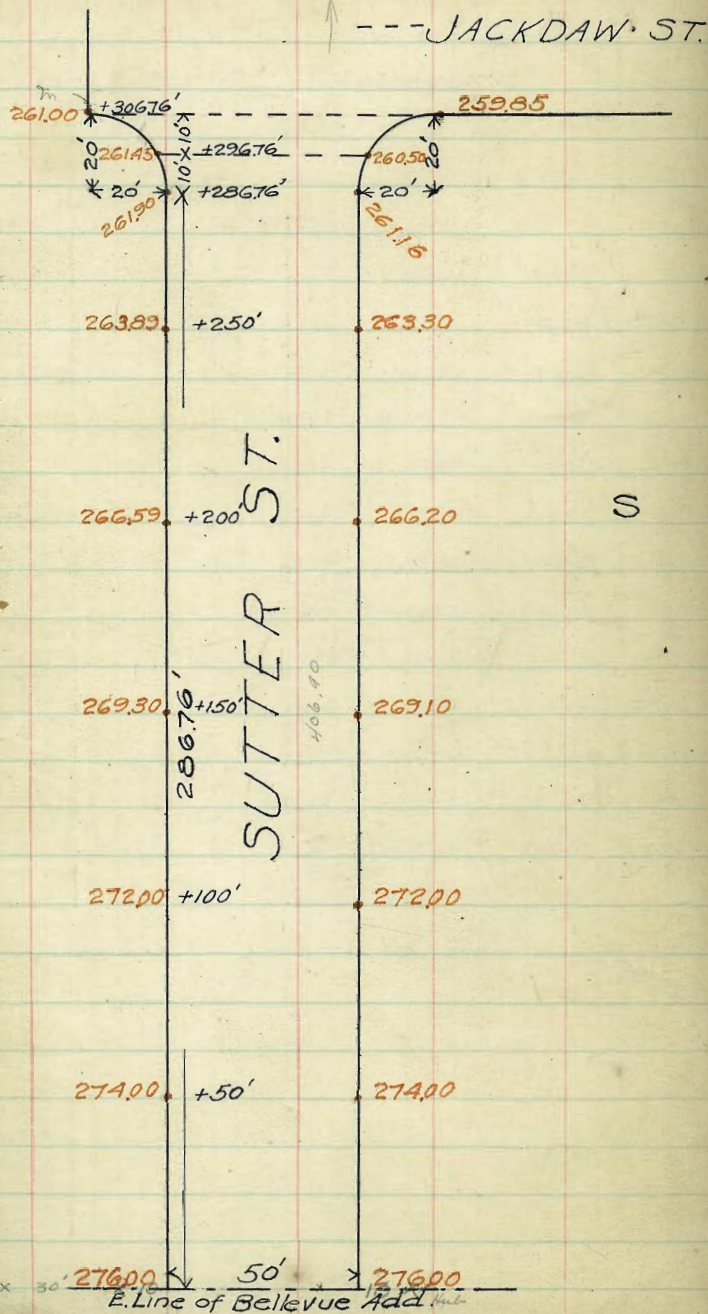
INDIA ST

## Columbia St Grades

E-1/2 from S.L. of Vine to S.L. UPAS ST.

	C	C	E	F	F
S.L. VINE	1120	1119	1125	11275	+5.7
25'	11226	11216	11276	11301	+11.9
50'	11251	11241	11301	11326	+14.6
75'	11276	11266	11326	11351	+14.7
100'	11301	11292	11352	11377	+14.6
125'	11327	11317	11379	11402	+14.3
150'	11352	11342	11402	11427	+13.7
175'	11378	11368	11428	11453	+9.7
200'	11403	11392	11452	11478	+5.4
225'	11428	11418	11478	11503	-1.0
250'	11454	11444	11504	11529	-10.3
275'	11479	11469	11529	11554	-14.4
300'	11504	11494	11554	11579	-14.3
325'	11529	11519	11579	11594	-9.6
345' S.L. UPAS ST.	11555	11540	1160	11625	+2.2

# SUTTER STREET GRADES



50' ST.

10' Walks

$7\frac{1}{2}' = \frac{1}{4}''$

30' 276.00 50' 276.00  
E. Line of Bellevue Add

1" = 50'

S.W.G.  
5/2/13

79

Field Book 873

Estimate Book 6

406.40  
276.00  
130.40



90 = E Line of Bellevue Add.

SUTTER ST.

	S. curb	1/4 C.	1/4	S. curb	N.
276.25	276.00	275.60	276.00	276.60	276.25

50'E	274.25	274.00	273.60	274.00	273.60	274.00	274.25	+1.2	+1.8
------	--------	--------	--------	--------	--------	--------	--------	------	------

100'E	272.25	272.00	271.60	272.00	271.60	272.00	272.25	+0.6	+1.4
-------	--------	--------	--------	--------	--------	--------	--------	------	------

Break

150'E	269.35	269.10	268.75	269.20	268.70	269.30	269.55	+1.0	+2.1
-------	--------	--------	--------	--------	--------	--------	--------	------	------

200'E	266.76	266.20	265.90	266.40	265.99	266.59	266.84	+1.4	+2.3
-------	--------	--------	--------	--------	--------	--------	--------	------	------

250'E	263.55	263.30	263.05	263.60	263.29	263.89	264.14	+0.2	+1.1
-------	--------	--------	--------	--------	--------	--------	--------	------	------

286.76E	261.11	261.16	260.94	261.53	261.30	261.90	262.15	-0.3	+0.6
---------	--------	--------	--------	--------	--------	--------	--------	------	------

Break

296.76E	260.75	260.50	260.33	260.97	260.85	261.45	261.70	-0.4	+0.9
---------	--------	--------	--------	--------	--------	--------	--------	------	------

W. Line Jackson St.

306.76E	260.10	259.85	259.73	260.42	260.40	261.00	261.25	-0.1	+0.9
---------	--------	--------	--------	--------	--------	--------	--------	------	------

Handwritten calculations:

$$\begin{array}{r} 0.510 \\ 3.980 \\ 12.200 \\ 17.9 \end{array}$$

$$\begin{array}{r} 0.510 \\ 3.980 \\ 12.200 \\ 17.9 \end{array}$$

S. Line N. Line  
+0.1 +0.1

262.98 = SW Cor. Buch + Lark. Oak Tale.  
6.87 262.98

269.85-43  
1.14  
268.71-TP  
12.23  
280.74-43  
1.69

276.25 = TP end Curb N.L. Sutter.

274.7  
276.72-43  
2.12  
272.60  
1.82  
274.72  
8.00  
265.52  
4.23  
269.55-43  
6.64  
262.98

256.11  
5.33  
261.94  
0.26  
261.68  
5.69  
270.37  
6.48  
262.98

261.90	261.16
8.44	9.21
263.89	263.30
5.69	7.09
6.48	
266.59	266.00
5.98	4.17
269.30	269.10
9.32	1.07
278.62	277.99
	6.64
	4.60
	2.74
	4.60
261.68	260.46
4.66	5.88
266.33	261.16
	5.17
	5.65
	5.41
261.34	4.80
4.99	4.62
	260.75

271.73 80  
256  
1.8

THIRD STREET  
HAWTHORN TO IVY

	W.	Curb	1/4	C.	1/4	Curb	E.		
00 N.L. Hawthorn	172.25	172.00	172.35	173.50	174.40	175.00	175.25	-2.0	+0.3
25' H	173.67	173.40	173.65	174.67	175.30	175.90	176.17	-22.2	-0.5
35' H	174.24	173.99	174.16	175.14	175.69	176.29	176.51	-28.6	-2.6
50' H	175.08	174.83	174.93	175.83	176.23	176.83	177.08	-30.8	-6.2
75' H	176.50	176.25	176.22	177.00	177.15	177.75	178.00	-31.8	-9.6
100' H	177.90	177.67	177.50	178.17	178.07	178.67	178.90	-29.2	-13.1
125' H	179.33	179.08	178.81	179.33	179.00	179.59	179.84	-25.3	-22.8
150' H	180.75	180.50	180.10	180.50	180.10	180.50	180.75	-20.6	-27.9
175' H	182.17	181.92	181.30	181.67	181.15	181.40	181.67	-16.8	-31.2
200' H	183.58	183.33	182.73	182.83	182.18	182.33	182.58	-9.0	-31.3
225' H	185.00	184.75	184.15	184.00	183.22	183.25	183.50	-8.4	-30.9
250' H	186.41	186.16	185.56	185.16	184.26	184.16	184.41	-7.0	-30.4
275' H	187.83	187.58	186.98	186.33	185.31	185.08	185.33	-3.7	-19.0
300' H = S.L. IVY	189.25	189.00	188.40	187.50	186.35	186.00	186.25	+0.9	-0.4

171.94 NE 2<sup>nd</sup> Hawthorn

172.34

Prop. Line

W. E.

175	175.5	176	176.5	177	177.5	178	178.5	179	179.5	180	180.5	181	181.5	182	182.5	183	183.5	184	184.5	185	185.5	186	186.5	187	187.5	188	188.5	189	189.5	190																										
175.25	175.50	175.75	176.00	176.25	176.50	176.75	177.00	177.25	177.50	177.75	178.00	178.25	178.50	178.75	179.00	179.25	179.50	179.75	180.00	180.25	180.50	180.75	181.00	181.25	181.50	181.75	182.00	182.25	182.50	182.75	183.00	183.25	183.50	183.75	184.00	184.25	184.50	184.75	185.00	185.25	185.50	185.75	186.00	186.25	186.50	186.75	187.00	187.25	187.50	187.75	188.00	188.25	188.50	188.75	189.00	189.25

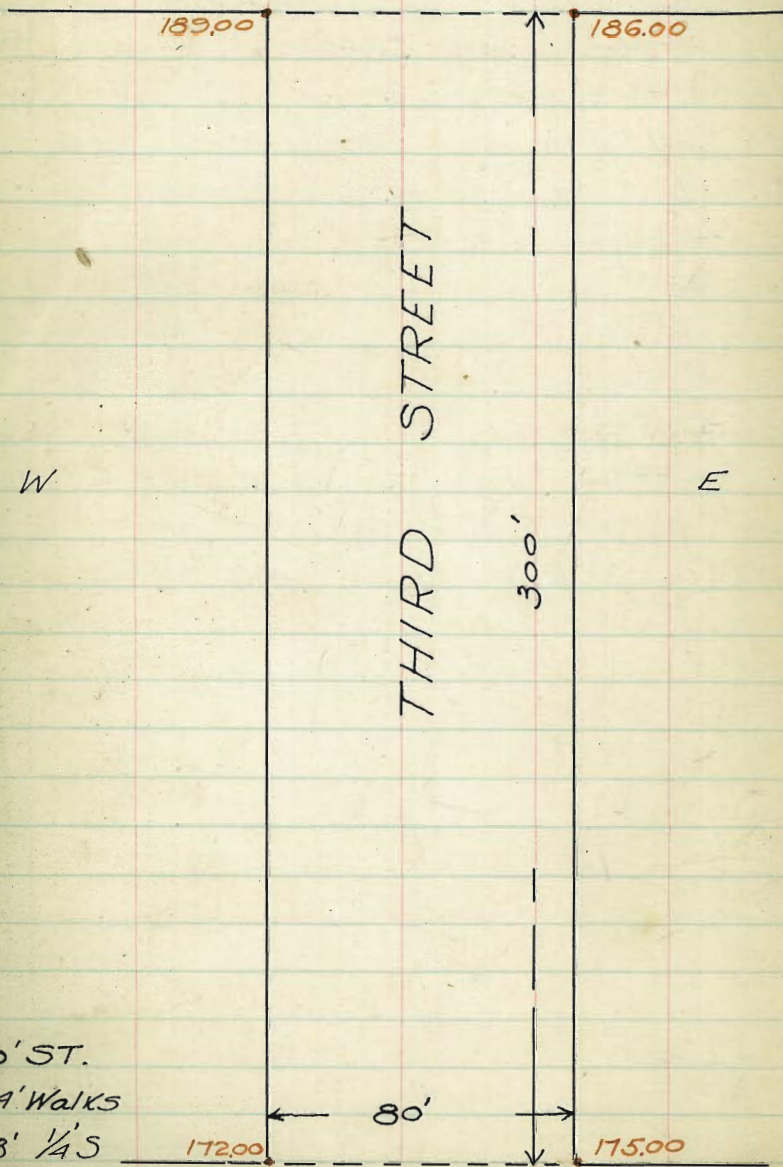
Curbs Props 1/4  
Gravel  
Sandstone  
Floor

THIRD STREET

HAWTHORN TO IVY

IVY

ST.



Field Book 882

Estimate . 6

80' ST.

14' Walks

13' 1/4 S

HAWTHORN

ST.

# UPAS ST.

149	4950	150
14035	14135	
13250	13490	
12425	12425	
116	1600	117

# COLUMBIA ST

115	116
"BOOK 72 P. 75"	UPAS ST.

# INDIA ST.

8106	1150	716.00	15.00
759	4.77	2.77	11.93
88.25			140.77
90			141.84
2374 TP	11977 FP		1244
1227	1209		127.17
96.21	131.82	1200	12.93
30	LE	7.00	116.24
95.91	131.60		4.17
1254	144.61	10250	120.41
108.45	3.83	2500	6.11
34	140.78	14075	114.308
14.86	1142	38	
116	12120	1400	
119.72		3.30	
5.00			
1.54	mm		

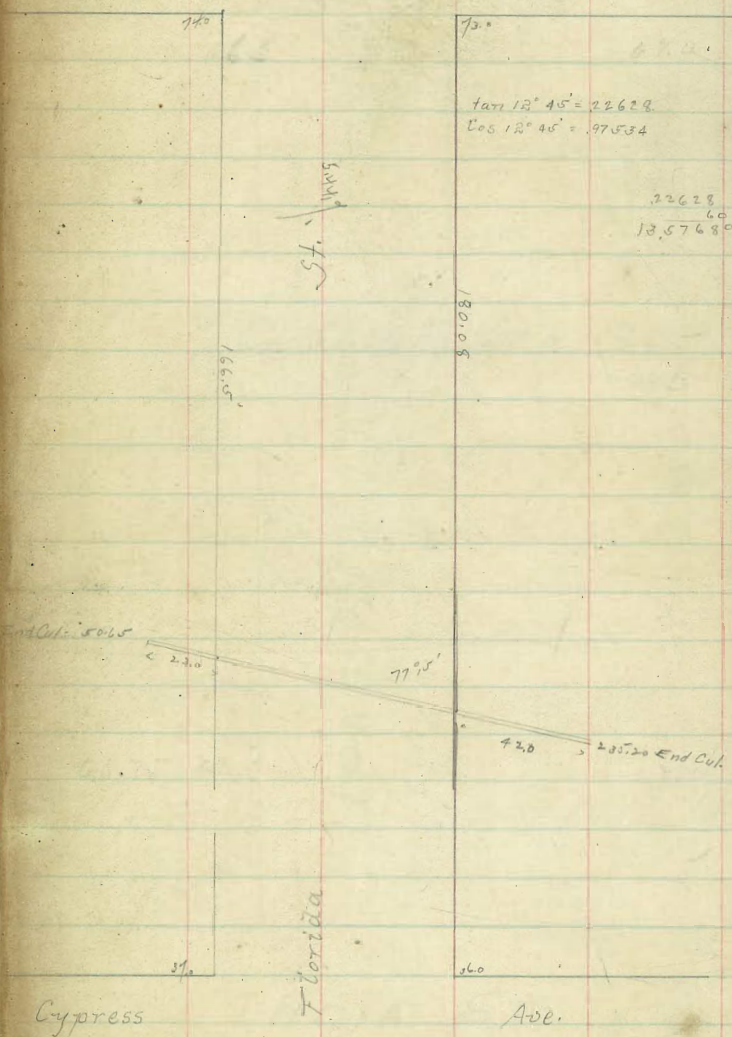
11626      12424      3250      4075      4200  
 1226      4.01      8.90      1.75

N 1/2 of Upas St  
 India to State - Check OK  
 1/2 balance Interest Bl. 9-25-13

400.65	203.81	200.82	292.69	293.66	293.66	293.66
11.12	200.60	299.00	70.00	89.00	89.00	89.00
203.82	3.22	4.82	0.10	0.10	2.14	5.10
290.27						
293.66 H.I.						
	299.00	300.6				
	290.50					
	289.6					
N.G.	289.50					
D.G.	288.5					

Robinson

Ave.



285.04 I 4 A

101  
2140  
19.60  
1.633

100  
81  
19.21  
1.83

266.0

2600 NW 310' Plat  
507  
271.09

26190  
6078  
615 16 8 6650  
65  
1861

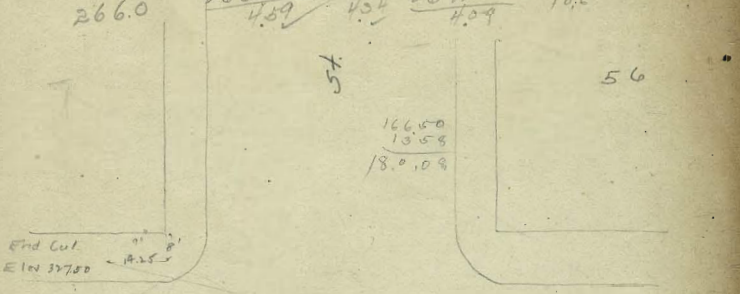
47 ) 1120 (0238  
86.16  
26.84  
4.2

86.16  
76.58  
9.58  
4.2  
21  
10.6

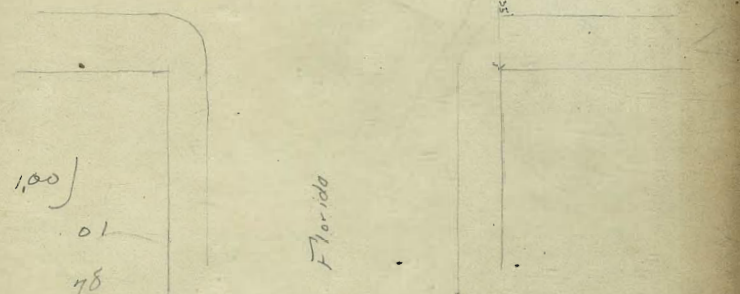
1783  
12.7  
55.7

141  
390

266.50 + 5.4 = 271.90  
4.59    1.31    4.34



Cypress



Culvert

Florida

4180 : 1140 : 30  
12540  
12540  
30  
12570  
12570  
12570

31.36

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	2 $\frac{1}{2}$	21	49	41	95 $\frac{1}{2}$
2	4 $\frac{1}{2}$	22	51 $\frac{1}{2}$	42	98
3	7	23	53 $\frac{1}{2}$	43	100 $\frac{1}{2}$
4	9 $\frac{1}{2}$	24	56	44	102 $\frac{1}{2}$
5	11 $\frac{1}{2}$	25	58 $\frac{1}{2}$	45	105
6	14	26	60 $\frac{1}{2}$	46	107 $\frac{1}{2}$
7	16 $\frac{1}{2}$	27	63	47	109 $\frac{1}{2}$
8	18 $\frac{1}{2}$	28	65 $\frac{1}{2}$	48	112
9	21	29	67 $\frac{1}{2}$	49	114 $\frac{1}{2}$
10	23 $\frac{1}{2}$	30	70	50	116 $\frac{1}{2}$
11	25 $\frac{1}{2}$	31	72 $\frac{1}{2}$	51	119
12	28	32	74 $\frac{1}{2}$	52	121 $\frac{1}{2}$
13	30 $\frac{1}{2}$	33	77	53	123 $\frac{1}{2}$
14	32 $\frac{1}{2}$	34	79 $\frac{1}{2}$	54	126
15	35	35	81 $\frac{1}{2}$	55	128 $\frac{1}{2}$
16	37 $\frac{1}{2}$	36	84	56	130 $\frac{1}{2}$
17	39 $\frac{1}{2}$	37	86 $\frac{1}{2}$	57	133
18	42	38	88 $\frac{1}{2}$	58	135 $\frac{1}{2}$
19	44 $\frac{1}{2}$	39	91	59	137 $\frac{1}{2}$
20	46 $\frac{1}{2}$	40	93 $\frac{1}{2}$	60	140

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
0		0		0		0	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

