GRADES
102

G 102

LEVEL BOOK
373

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

Tables for Excavations and Embankments.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

"Copyright, 1895, by Keuffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

9102

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

MICROFILMED

APR 7 1965

Indexed

Grades on 28th St 80' wide
from Thorn to 350' S

	WCb	ECb
SL Thorn	319.0	320.0
50' S	317.43	318.43
100' S	315.87	316.87
150' S	314.31	315.31
200' S	312.76	313.75
250' S	311.18	312.18
300' S	309.62	310.62
350' S	308.06	309.06
400' S break	306.5	307.5

373

32249 NE Thorn + Granada

0.80
32429
1.28
31148
0.33
31181

320.25	318.68	317.12	315.56	314	312.43	310.87	310.9
4.04	5.61	7.17	8.73	10.29	11.86	0.9	
-0.2	+1.1	+1.1	+1.5	+0.9	+0.9	-7.0	

Sta N.P.L. 319.25 317.68 316.12 314.56 313.00 311.43 309.87 308.31
4 7.8 9.4 11.0 12.7 3.4
-0.1 -0.3 -0.2 -0.6 -1.4 -1.9 -2.3 -2.8

32349
1.75
32524
1.34
31290
3.12
31602

320	318.43	316.87	315.31	313.75	312.18	310.62	
5.24	6.81	8.37	9.93	11.49	13.06	5.40	
				C 0.5 PL	C 0.5 PL .06	C 1.0 PL .06	

30906
6.96

30831
7.71

Finish props + curbs 5/9/23 Gregory

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

11/23/22 Gregory Moore Ellis Shaw

Grades on Illinois St. Paving

373.52 BP. SE Meade + Ohio

MONROE AVE

prop. Grade 386.25			386.25 = prop Grade	
450	+0.4	384.98	385.25	
400	+0.9	384.60	384.92	+2.0 nail
350	+0.2	384.22	384.58	+2.0 nail
300	+0.4	383.85	384.25	+0.5
250	+0.3	383.48	383.92	+0.5
200	+0.9	383.10	383.56	+1.0 nail
150	+1.1	382.73	383.26	+2.0 nail
100	+0.4	382.35	382.92	+2.0 nail
50	-0.2	381.98	382.56	+1.0 nail Grade
Prop Grade 381.25	-0.2	381.6	382.25 = prop.	+1.0 nail

MEADE AVE

32nd ST

	W	cb	1/4	℄	1/4	cb	E
S.L. Landis	338.25	338.00	337.63	337.75	37.37	337.50	337.75
25' S	38.13	37.88	37.51	37.64	37.26	37.39	37.64
50'	38.00	37.75	37.39	37.52	37.15	37.29	37.54
75	37.88	37.63	37.27	37.41	37.04	37.18	37.43
100	37.75	37.50	37.15	37.30	36.93	37.08	37.33
125	37.63	37.38	37.03	37.19	36.81	36.98	37.23
150	37.50	37.25	36.91	37.08	36.71	36.87	37.12
175	37.37	37.13	36.79	36.97	36.60	36.77	37.02
200	37.25	37.00	36.67	36.85	36.49	36.66	36.91
225	37.13	36.88	36.55	36.74	36.39	36.56	36.81
250	37.00	36.75	36.43	36.62	36.28	36.46	36.71
275	36.88	36.63	36.31	36.51	36.17	36.35	36.60
300	36.75	36.50	36.19	36.39	36.06	36.25	36.50
325	36.63	36.38	36.07	36.28	35.95	36.14	36.39
350	36.50	36.25	35.95	36.17	35.84	36.04	36.29
375	36.38	36.13	35.83	36.05	35.73	35.93	36.18
400	36.25	36.00	35.71	35.94	35.62	35.83	36.08
425	36.13	35.88	35.59	35.82	35.51	35.73	35.98
450	36.00	35.75	35.47	35.70	35.40	35.62	35.88
475	35.88	35.63	35.35	35.58	35.30	35.52	35.77
500	35.75	35.50	35.23	35.46	35.19	35.42	35.67
525	35.63	35.38	35.11	35.34	35.08	35.31	35.56
550	35.50	35.25	34.99	35.23	34.97	35.21	35.46
575	35.38	35.13	34.87	35.11	34.86	35.10	35.35
600 = N.L. Dwight	335.25	335.00	334.75	335.00	334.75	335.00	335.25
10' N Curb	35.00	35.00	34.67	34.92	34.67	35.00	35.00
10' N 1/4	34.62	33.88	34.59	34.84	34.59	33.88	34.62
10' ℄	34.75	33.75	34.51	34.75	34.50	33.75	34.75
10' S 1/4	34.37	33.63	34.42	34.67	34.42	33.67	34.37
10' S Curb	34.50	34.50	34.33	34.58	34.33	34.50	34.50
10' S.L. Dwight	334.75	334.50	334.25	334.50	334.25	334.50	34.75

32nd St.

	W	cb	1/4	℄	1/4	cb	E
S.L. Dwight	334.75	334.50	334.25	334.50	334.25	334.50	334.75
25' S	34.61	34.36	34.11	34.36			
50'	34.46	34.21	33.96	34.21			
75	34.32	34.07	33.82	34.07			
100	34.17	33.92	33.67	33.92			
125	34.02	33.77	33.52	33.77			
150	33.88	33.63	33.38	33.63			
175	33.73	33.48	33.23	33.48			
200	33.59	33.34	33.09	33.34			
225	33.44	33.19	32.94	33.19			
250	33.29	33.04	32.79	33.04			
275	33.15	32.90	32.65	32.90			
300	33.00	32.75	32.50	32.75			
325	32.86	32.61	32.36	32.61			
350	32.71	32.46	32.21	32.46			
375	32.56	32.31	32.06	32.31			
400	32.42	32.17	31.92	32.17			
425	32.27	32.02	31.77	32.02			
450	32.13	31.88	31.63	31.88			
475	31.98	31.73	31.48	31.73			
500	31.83	31.58	31.33	31.58			
525	31.69	31.44	31.19	31.44			
550	31.54	31.29	31.04	31.29			
575	31.40	31.15	30.90	31.15			
600 = N.L. Myrtle	31.25	331.00	30.75	31.00	30.75	331.00	31.25
N. Curb	31.00	31.00	30.67	30.92	30.67	31.00	31.00
N 1/4	30.67	29.88	30.58	30.84	30.58	29.88	30.67
℄	30.75	29.75	30.50	30.75	30.50	29.75	30.75
S 1/4	30.37	29.62	30.42	30.67	30.42	29.62	30.37
S Curb	30.50	30.50	30.33	30.58	30.33	30.50	30.50
S.L. Myrtle	30.75	330.50	330.25	30.50	30.25	330.50	30.75

Same as other side

32nd St

	W	cb	1/4	℄	1/4	cb	E
S.L. Myrtle	30.75	30.50	30.25	30.50	30.25	30.50	30.75
25' S	30.25	30.00	29.76	30.03	29.79	30.07	30.32
50' S	29.75	29.50	29.27	29.55	29.32	29.60	30.85
75	29.25	29.00	28.78	29.07	28.85	29.14	29.39
100	28.75	28.50	28.29	28.59	28.38	28.68	28.93
125	28.25	28.00	27.80	28.11	27.91	28.22	28.47
150	27.75	27.50	27.31	27.63	27.44	27.76	28.01
175	27.25	27.00	26.82	27.15	26.97	27.30	27.55
200	26.75	26.50	26.33	26.67	26.50	26.84	27.09
225	26.25	26.00	25.84	26.19	26.03	26.38	26.63
250	25.75	25.50	25.35	25.71	25.56	25.92	26.17
275	25.25	25.00	24.86	25.23	25.09	25.46	25.71
= N.L. Upas 300	24.75	24.50	24.37	24.75	24.62	25.00	25.25

11/23/22

Gregory
Moore
Ellis
Shaw

DWIGHT ST
GRADES

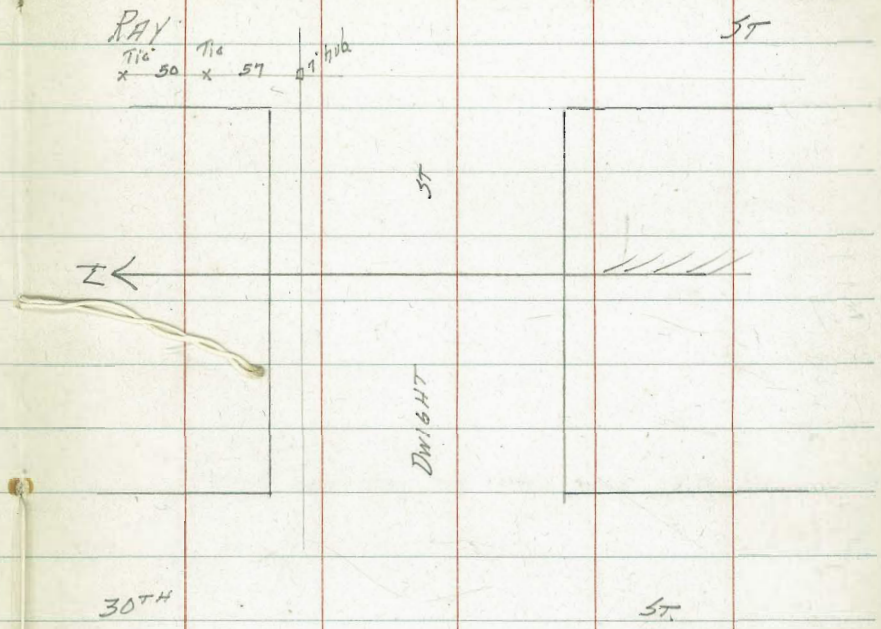
N.L. Ray St	335.05	334.8		333.8	334.05
50	335.47				334.72
100	335.90				335.40
150	336.32				336.07
200 = El. 30th	336.75	336.5		336.5	336.75

337.95
1.10
339.05

BP NW 30th + Dwight

336.32	335.90	335.47	335.05
2.73	3.15	3.58	4.00
+0.2	0.0	-0.7	0.0

336.07	335.40	334.72	334.05
3.00	3.65	4.33	5.00
+0.2	-0.1	-0.2	-0.3



11/24/22 F St Paving Grades

18th

6701 6640 6667 6703 6715 6703 6667 6640 6703

6630

6626

6636

17th

6640 6657 6674 6610 6630

6608

6569

6530

6583 6530 6556 6549 6597 6587 6543 6515 6581

6581
6226
7206

16th

7883
5.05
83.88

8000 7940 7966 8004 8012 8002 7962 7935 7997

7930 7925

7939

7945

7926 7840 19th 7910 7890

7848

7840

7830

7815

7883 7812 7838 7871 7881 7871 7836 7815 7883

7883
3.12
87.95

7087 7026 7053 7093 7110 7096 7058 7031 7091

7180 7100

7080 7005 7070

7051

7040

7040 6980 18th 6990

7015

6975

6940

7005 6920

7077

6998 6990 6953 6983 6994 6979 6945 6920 6979

6987
4.24
74.24

7 130 66 79

F ST. PAVING

80TH

80 ST

ZZ

ST

ZZ

ST 1825

12/6/22 Gregory Moore Ellis Shaw

Paving Grades in Alley Block 2 Lynnhurst.

599.2' N of SL Vpas	322.07	322.93
550' N	322.50	322.38
500' N	322.92	322.80
450' N	323.34	323.26
400' N	322.75	322.68
350' N	322.17	322.13
300' N	321.58	321.56
250' N	321.0	321.0
225' N	320.90	320.89
200' N	320.81	320.78
166.7' N	320.68	320.64
133.3' N	320.55	320.48
100' N	320.43	320.35
66.7' N	320.30	320.19
33.3' N	320.18	320.05
N.L. Thorn	320.05	319.90

456
90

324.21 BP NE 29th & Thorn
3.25
324.46
3.93
320.53
5.30
324.83
1.67
324.71
5.26
2.97

W	320.16	320.30	320.43	320.55	320.68	320.81	320.90
	4.37	4.16	4.03	5.98	5.65	5.52	3.43
	+1.0	+1.0	+1.0	0.0	+1.0	+1.0	+1.0
E	320.05	320.19	320.35	320.48	320.64	320.78	320.89
	4.41	4.27	4.11	5.85	5.69	5.55	5.44
	0.0	+1.0	0.0	+1.0	+1.0	+1.0	+1.0

W	321.0	321.58	322.17	322.75	323.33	323.91	324.50	325.07
	5.33	4.75	4.16	3.58	3.00	2.42	5.47	4.90
	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	
E	321	321.56	322.13	322.68	323.26	323.80	324.38	324.93
	5.33	4.77	4.20	3.65	3.07	2.53	3.59	5.04
	+1.0	0.0	+1.0	+1.0	+1.0	+1.0	+1.0	

62.86

5288 5830 5288 5299 5310 5304 5266 5240 5297 5288 5273

5240 5210

5237
518

5230 5185 23 5270 5210 5195
556

5199
586

5146 5160 5130 5135

5197 5148 5126 5154 5193 5201 5189 5146 5115 5150 5180 5175

5284 5325 5349 5383 5375 5387 5357 5335 5394

5394

5717 5707 5716 5724

5735 5739

5730 5685 5730 5740 5719 5695 5730

5686 5683

5625 5620 5631

5631 5615 5645 5684 5695 5682 5641 5610 5674 5631

15681

5637

5.5+7

5T.

57 | 3.28
60.53

15.77
5.88
57.85

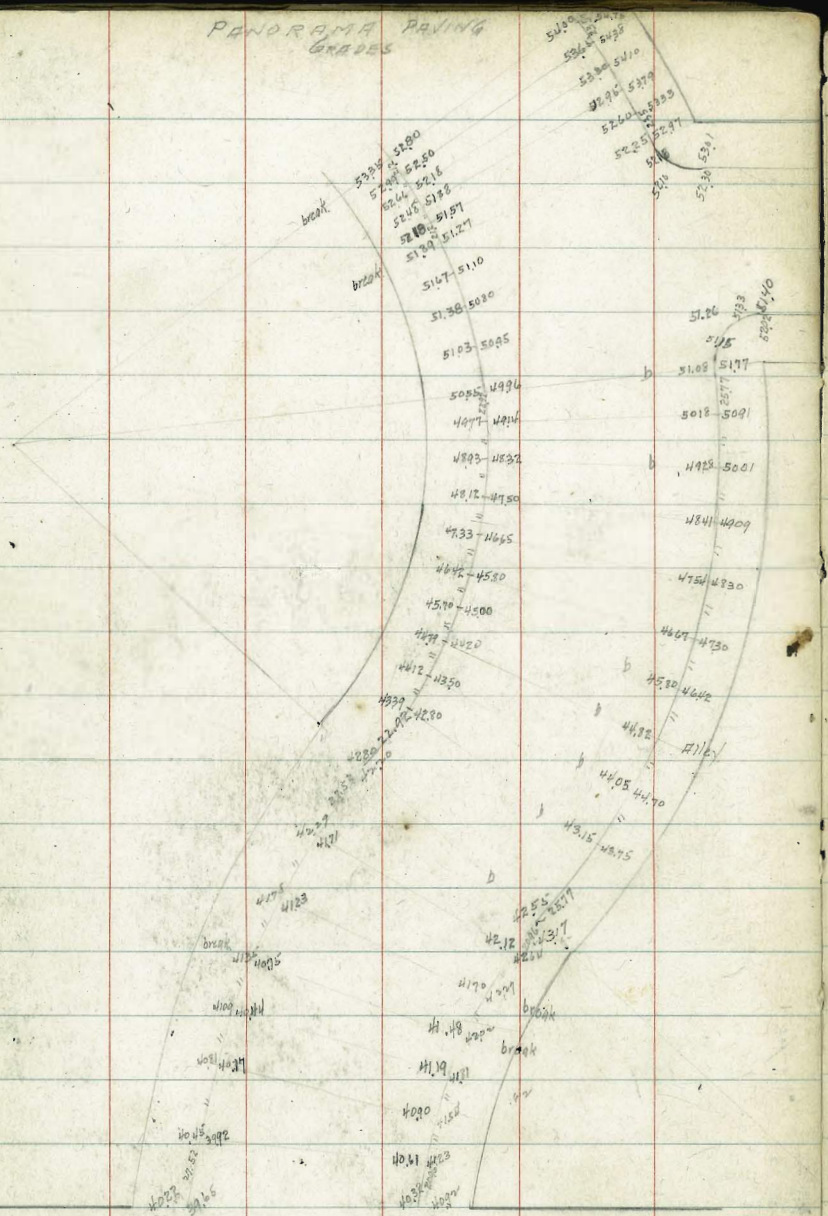
5.23
5.32
5.73
6.12

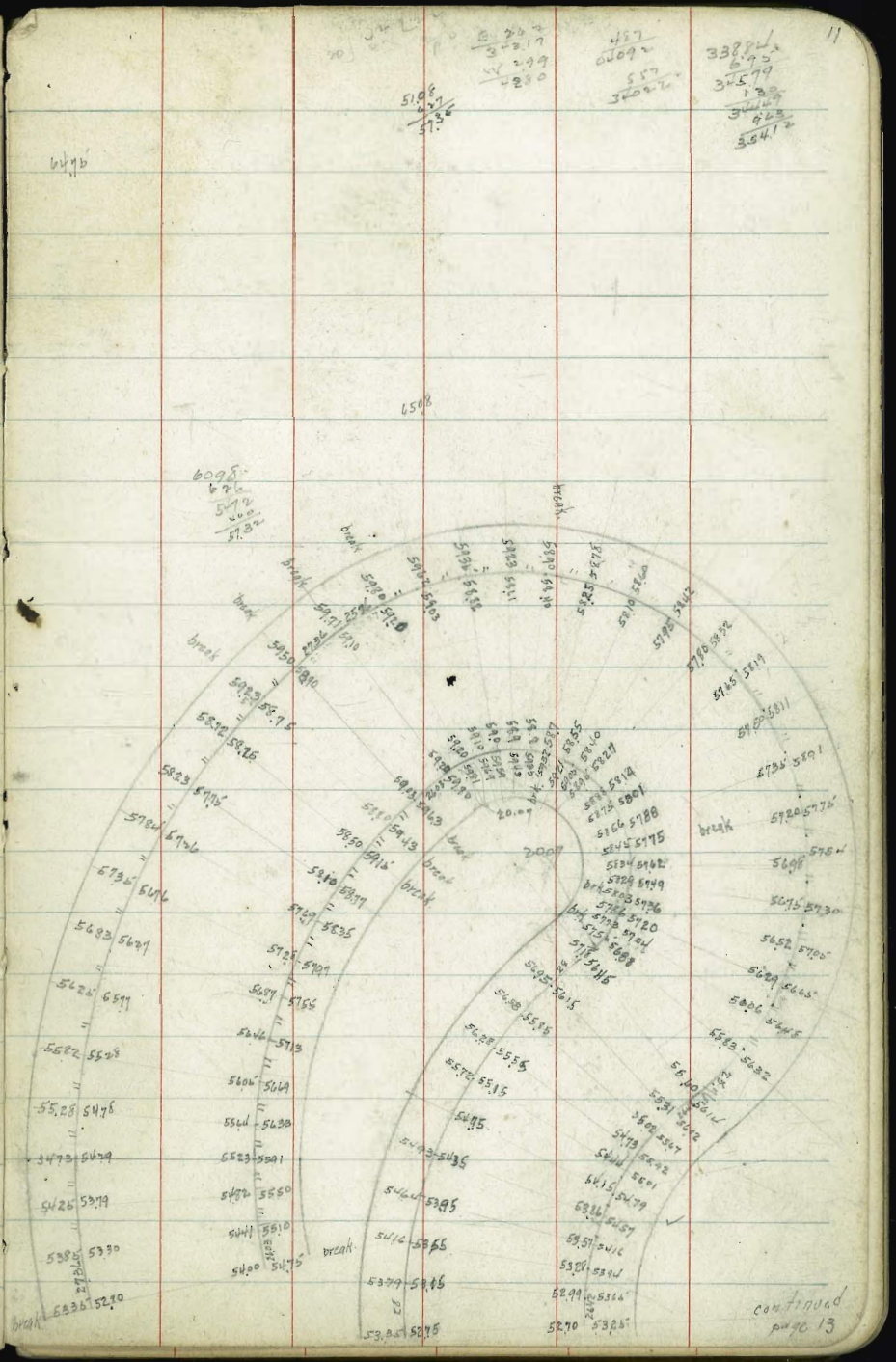
15681
426
161.07

3 | 53
17
57.66

15681
609
162.90

PANORAMA PAVING
GRADES





continued page 13

Grades on Witherow
S. of Sunset Blvd.

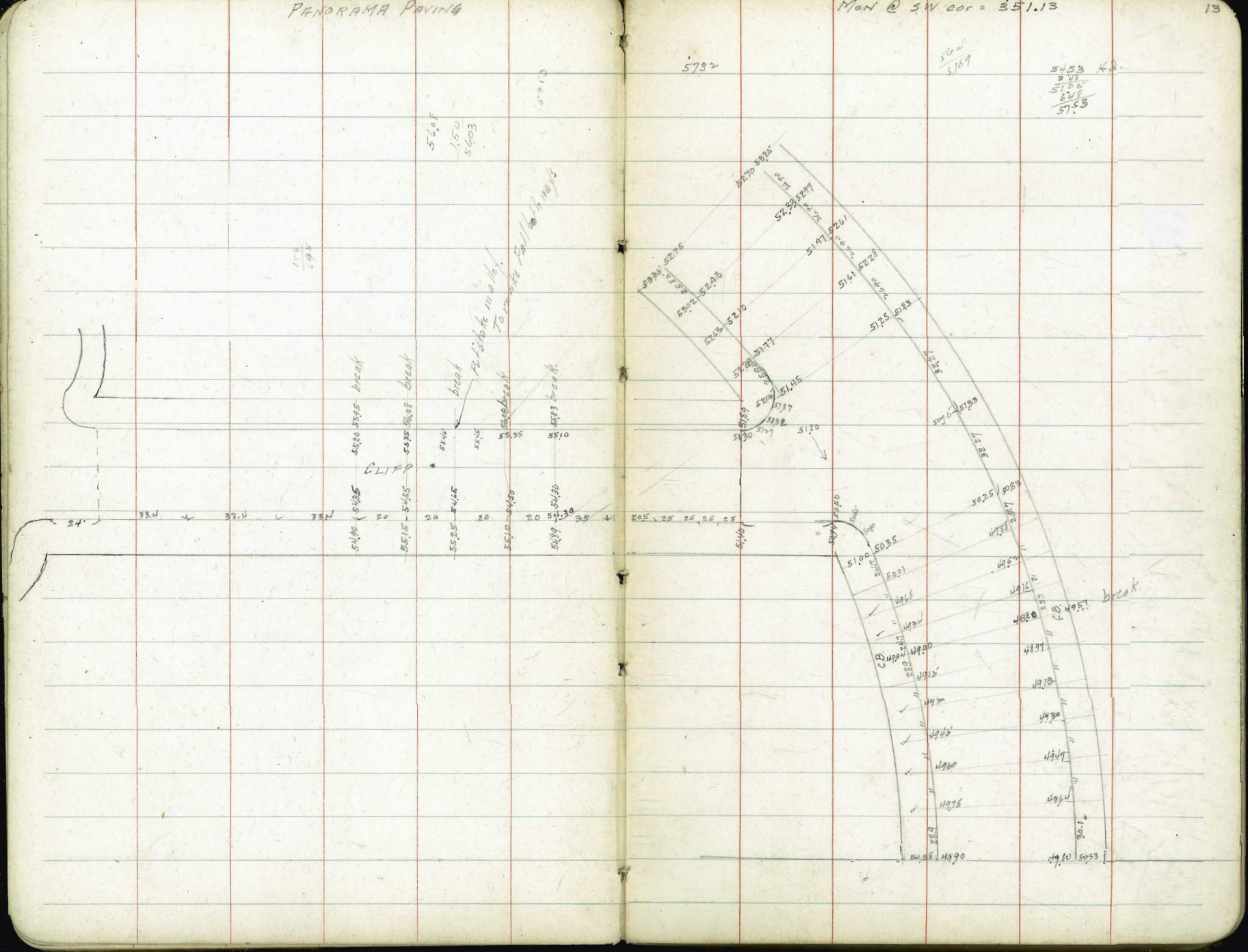
	W. Cb		E. Cb.	
E.C. S. of Sunset Blvd.	270	+2.3	270.5	263.0	+1.1
25'S		+1.8		263.6	+1.0
50'S		+1.1		263.95	+1.0
75'		+0.6		263.76	+1.0
100		+0.3		263.05	+1.0
125'		+0.2		261.81	+1.0
150		+0.3		260.06	+1.6
175'		+0.6		257.78	+2.3
241.67 = N.L. Ivan		+3.1		251.0	+3.6

133
14

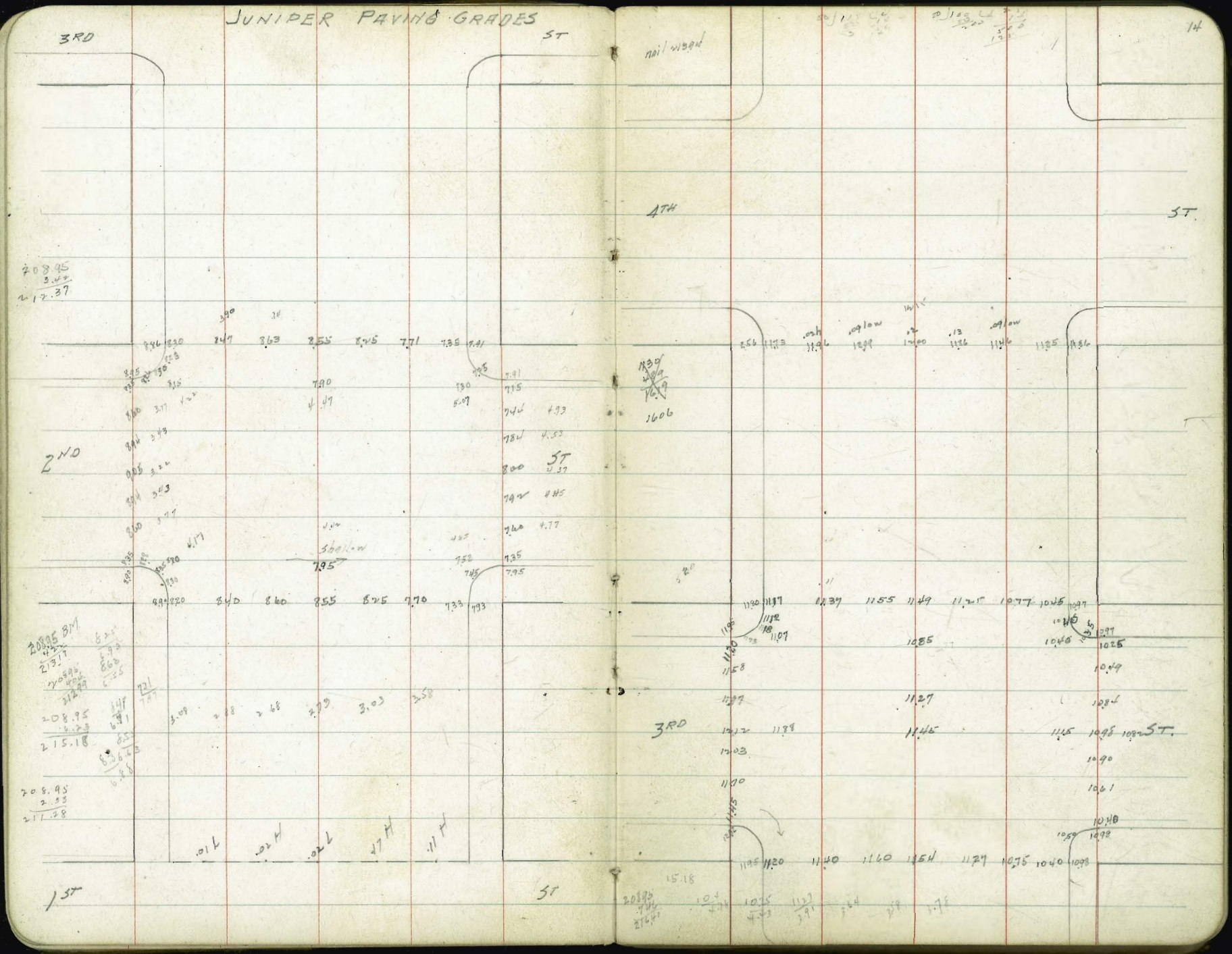
	261.02 / 7.32 / 268.32	261.5 / 5.82 / 3.5 / 2.3	263.10 / 5.2	263.45 / 4.87	263.26 / 5.06	263.27 / 5.77	261.31 / 7.00
		263.27 / 5.07 / 40 / 1.1	263.88 / 4.47	264.20 / 4.13	264.01 / 4.31	263.30 / 5.02	262.06 / 6.26
on wall		259.56 / 8.76	267.28 / 1.10	265.5 / 1.82 / 1.47 / +.31			
on wall		260.31 / 8.0 / +1.6	258.03 / 10.29	257.25 / 1.07 / 13.5 / 3.6			
on wall	261.02 / 8.04 / 269.06					PC 7.15 / 261.91	7.09 / 261.97 / 7.10 / 6.96
		260.06 / 9.00	261.81 / 7.25	263.06 / 6.01	263.76 / 5.30	263.95 / 5.11	261.26 / 5.46
	263 / 6.06						

PANORAMA PAVING

MON @ SW COR = 351.13



JUNIPER PAVING GRADES



6TH

3739
168
239.07

3740 3680 3702 2.05 3729 1.78 3732 1.75 3710 1.97 3666 2.41 36.35 36.95

975 29.89 29.29 981 29.76 .09 low 990 29.17 .17 low 1035 28.42 .65 low 1064 28.43 .13 low 1137 27.70 27.26 28.02

5TH

5T

.09 low .23 low .32 .32 27.0 413 389

8M 2.4.85
17.70
231.70

29.99 29.40 29.39 29.22 28.88 29.22 27.76 27.57 28.11

21.0

25.79

.05 low .09 low .19 low .12 low .17 low 89 46

439 609 592 599 590 619 659 194 635

240 1930 1847 1946 1949 1932 1833 1865 1911

4TH

5T

Grades in Alley
Blk 2 Notes

		W		E	
St. Univ.		286.87		287.24	
25	+1.0	287.02		287.17	+1.0
50	+1.0	287.18		287.29	+1.0
75	+1.0	287.33		287.42	+1.0
100	+1.0	287.49		287.54	+1.0
125	+1.0	287.64		287.67	+1.0
150	+1.0	287.8		287.8	+1.0
175	+1.0	287.88		287.92	+1.0
200	+1.0	287.97		288.03	+0.5
225	+1.0	288.05		288.15	+0.24
250	+1.0	288.13		288.26	+1.0
275	+1.0	288.21		288.38	+0.5
300	+1.0	288.3		288.5	+0.53
325	+1.0	288.15		288.35	+1.0
350	00	288.0		288.2	+1.0
375	+1.0	287.53		287.77	+1.0
415		286.77		287.09	

287.01 BP NW 4th Univ.
287.52 " " 3rd "
670
291.22
362

421
687

287.60
520
287.80
430
288.50
453
293.03

287.02 / 4.20	287.18 / 4.04	287.33 / 3.89	287.49 / 5.31	287.64 / 5.16	287.8 / 5.0
287.17 / 4.05	287.29 / 3.93	287.42 / 3.80	287.54 / 5.26	287.67 / 5.13	287.8 / 5.0
287.88 / 4.92	287.97 / 4.83	288.05 / 4.75	288.13 / 4.90	288.21 / 4.82	288.3 / 4.73
287.92 / 4.88	288.03 / 4.77	288.15 / 4.65	288.26 / 4.77	288.38 / 4.65	288.5 / 4.53
288.15 / 4.85	288.0 / 5.03	287.53 / 5.60			
288.35 / 4.68	288.2 / 4.83	287.77 / 5.26			

GRADES ON
LINCOLN FYE
Florida to Texas

		N. Cd		Scd		
El. Florida		263.0		+0.25	262.0	
50' E	-0' 2"	266.55		+1.28	265.39	-0' 5"
100' E	-0' 5"	270.10		+0.15	268.77	-0' 3"
				+0.98		+1.16
150' E	+2' 3"	273.65		+1.08	272.16	+1' 7"
						+0.62
210' "	+4' 0"	277.91		+0.0	276.22	+2' 0"
260' "	+3' 8"	281.46		+0.67	279.61	+1' 6"
310' E Wt. Ala		285.0	+0.10	+0.58	283.0	
El. Ala.		286.0	-3 3/4"	0.0	284.0	
50' E	+5' 5"	287.07	+3 3/4	-3 1/4"	285.07	+1' 5"
100' "	+5' 8"	288.14	+6 1/2"	+1 3/4"	286.14	+2' 0"
	-2 1/2"		-2 1/2"			
140' "	+5' 0"	289.0		+2 5/8"	287.0	+8 1/4"
	-0.6"	288.53	-3 1/2"			+2' 0"
200' "	+4' 2"	287.87	-6 1/4"	+6 5/8"	286.69	+1 1/8"
				+0.4"	286.25	-2' 6"
250' "	+3' 3"	286.94	-7 3/8"	-6 1/8"	285.62	-0' 10"
300' = Wt. Miss.		286.0	-4 5/8	+7 1/8"	285.0	

BP. NW Ala 285.04

H	281.46	277.91	273.65	270.10	266.55
S	279.61	276.22	272.16	268.77	265.39

H	287.07	288.14	289.0	287.87	286.94
S	285.07	286.14	287.0	286.25	285.62

285.04	287.04	288.11	288.90	287.87	286.44	286			
285.90	285.01	286.11	287.0	286.67	286.21	285.54			
			288.53						

		426			3.66	
EL Mass		287.0 + 1/2"		C 4 1/2"	286.0	
40' E	+1.8"	287.5		C 4"	287.0	+ 2' 4"
80' ✓	-1' 9"	288.0		C 7 3/8"	288.0	+ 3' 4"
140' ✓	- 3' 7"	290.72		C 8 5/8"	291.0	C 2' 2 1/2" + 3' 10"
				C 1 3/4"		C 1' 9"
205' ✓	+ 1.5"	293.67		C 2 3/8"	294.25	+ 2' 7"
250' ✓	+ 0' 4"	295.72		C 4 1/4"	296.50	+ 2' 0"
300' ✓ = WL Louis		298.0			299.0	
EL Louis		299.0	C 4 3/4	C 7/8"	300.0	
50	+ 3' 8"	302	C 4 5/8	F 4"	302.67	+ 4.0"
100	+ 3' 7"	305	C 1' 2 3/4"	C 6"	305.33	+ 3' 0"
140	+ 4' 0"	C 8 1/2" 307.40	C 10 1/2"	WL # C 1' 8"	307.46	C 2' 2" + 4' 0"
200	+ 2' 8"	5' 5 3/4" 311	C 9" C 4 5/8"	EL # C 8"		C 1' 9"
				C 10 5/8"	310.67	+ 2' 0"
250	+ 1' 6"	314	C 5 3/8"	C 7/8"	313.33	+ 2' 0"
300' E = WL Texas		317	F 1 1/8"	C 1 3/8"	316.0	

287.31
883
29614
055
29559
1.74
308.33
068
30465

1019
317.84

N	287.5	288.0	290.72	293.67	295.72
	8.64	8.14	5.42	1.66	12.61
	7.50	9.40	9.00	1.33	1.30
	+1.64	-1.76	-3.58	1.36	0.31
S	287.0	288.0	291.0	294.25	296.50
	9.14	8.14	5.14	1.08	11.33
	6.80	4.5	1.3	1.5	9.83
	+2.34	+3.64	+3.84	+2.58	+2.0

N	302	305	307.40	311	314
	633	1.28	10.44	684	384
	27	730	6.44	42	4.0
	+ 3.63	+3.54	4'	2.64	+1.44
S	302.67	305.33	307.46	310.67	313.33
	566	12.51	1038	7.17	4.51
	1.66	9.51	6.38	5.17	3.51
	14.0	+3.0	4'0"	2.0	2.0

.05
5
0.25

429
61
3.68

316.91

28613
8.82
29495

287
7.46

288
676
626
69
8 1/4

28613
8.67
29480

429
357
42
336
4.08
4.50
358
138
2.20

8695
7.8
0.33

88
6.80
6.19
61

880
8.73

88
8693
2.07
1.0

887
37

10

4.29
337
.97
1.64
2.61
174

533
.2665
27

573
4.91
32

491
441

491
321
1.66
4.86
6.52

491
402
84
409
493

491
320
1

491
403
88

491
484

460
422
36

460
422
38

460
338
1.22

460
373
87
573
6.64
609
535
491

460
385
74
411
4.86

490
142
348

460
422
38

460
41

Grades on
Greelay Ave.

N.L			S.L		
			47.25	+1.4	
600' E = W.L 31st	-2.3	46.25			
550'	-2.0	49.75	50.75	+7.3	
500'	-1.5	53.25	54.75	+7.4	
450'	+0.3	56.75	57.75	+5.4	
400' E	+1.3	60.25	61.25	+4.2	
350' E	+0.8	62.75	63.75	+3.4	
300' E	+0.9	65.25	66.25	+2.5	
250' E	+1.2	67.75	68.75	+1.5	
200' E	+0.2	70.25	71.25	-0.1	
150' E	0.0	71.25	72.00	-0.6	
100' E	+0.4	72.25	72.75	+0.4	
50' E	+0.2	73.25	73.50	-0.2	
El 30th	-0.1	74.25	74.25	+0.4	

76.76. Top Hyd S.E.

10 1
3 2
1 3 2

To Woolman ←

13' hub × 40' × 50' ×

76.76	N	74.25	73.25	72.25	71.25	70.25	67.75	65.25	62.75	60.21
0.50		3.00	4.00	5.00	6.00	7.00	9.5	12.00	14.5	4.8
77.26		3.1	3.8	4.6	0.0	6.3	8.3	11.1	13.7	3.9
1.26		-0.1	+0.2	+0.4		+0.2	+1.2	+0.9	+0.8	+1.0
65.00	S	74.25	73.50	72.75	72.00	71.25	68.75	66.21	63.71	61.21
0.16		3.00	3.76	4.5	5.26	6.0	8.5	11.00	13.5	16.0
65.16		2.40	3.9	4.1	5.4	6.1	7.0	8.1	10.1	11.8
12.83		+0.4	-0.2	+0.4	-0.6	-0.1	+1.5	+2.5	+3.4	+4.2
52.33										
6.23										
58.61										
40										

N	56.75	53.75	49.75	46.75
	8.4	11.9	8.86	12.36
	8.1	13.4	10.9	14.7
	+0.3	-1.5	-2.0	-2.3
	57.75	54.25	50.75	47.21
	7.4	10.9	7.86	11.36
	2.0	3.5	0.6	1.0
	+5.4	+7.4	+7.3	+1.4

76.76	74	73.0	72	71	70	68.50	65	62.50	60	56.50
19	4.9	3.9	4.9	5.9	6.9	8.4	11.9	10.21	4.71	10.21
76.95								+0.5		+1.0
11.95	72	72.25	72.50	71.75	71	68.50	66	63.50	61	57.50
65.00		3.70	4.43	3.70	5.93	8.40	10.95	3.21	5.91	9.21
1.71										
66.71	53	49.50	46							
1.21	1.43	1.93	3.43							
54.43										
	54	50.60	47							
	1.41	3.93	1.43							

HOWARD AVE GRADES

310' E = W.L. Flor.		290.75			289.75	
250' E	+6.0	294.84	-0.30	-0.68	294.94	+2.6
200' E	+3.3	298.25	+0.59	+0.22	299.25	+1.2
150' E	+1.5	302.75	-0.16	+0.05	303.75	-0.6
100' E	+0.3	307.25	+0.36	+0.55	308.25	-0.4
50' E	-2.9	312.95	+0.23	-0.08	313.95	-1.4
E.L. Ga.		318.65			319.65	
300' E = W.L. Ga.		320.25	+0.80		321.25	-
250' E	0.0	323.58	+0.75	-0.03	324.42	+4.7
200' E	-0.4	326.92	+0.07	+0.79	327.59	+4.5
150' E	+0.8	330.92	0.18	+0.50	331.39	+2.2
100' E	+0.1	333.59	-0.13	+0.46	333.92	+0.2
50' E	+1.0	336.92	+0.30	+0.73	337.09	-2.5
E.L. Park Blvd.		340.25			340.25	

300' E = W.L. Miss.		317.25	-0.40	-0.15	316.25	
250' E	+1.0	313.25	-0.07		312.08	+2.6
200' E	+1.7	309.25	-0.13		307.91	+2.0
150' E	+1.9	306.05	-0.20		304.58	+1.3
100' E	+0.1	301.25	-0.20		299.58	+1.8
50' E	-0.3	297.26	0.0		295.41	+1.7
E.L. Ala.		293.25	-0.72	+0.45	291.25	
310' E = W.L. Ala.		292.25	+0.30	+0.07	290.25	
250' E	-0.8	291.77	+0.06	+0.40	289.95	-0.2
200' E	-2.3	291.36	-0.31	F1.07	289.70	-2.9
150' E	-3.2	290.96	-0.18	F1.21	289.47	-3.0
100' E	-3.5	290.56	+0.15	F0.71	289.23	-0.4
50' E	-1.3	290.15	-0.08	F0.51	288.99	0.0
E.L. Flor.		289.75			288.75	

1/18/23 Gregory Moore Miller Shaw

KALMIA ST PAVING GRADES

2ND ST

BM 21792

3RD ST

4TH ST

BM 22496

Block 6 + 3 Brooks Notts

Grades in Alley
Blks 3 + 13 Notts + Brooks
4 + 5 Robn to Penn

	W	
450	28818	28796
425	28813	28791
400	28808	28786
375	28804	28782
350	28799	28777
330	28795	28773
300	28791	28740
275	28733	28712
250	28705	28685
225	28677	28657
200	28649	28630
175	28621	28602
150	28593	28575
125	28565	28547
100	28537	28520
75	28509	28492
50	28481	28465
25	28453	28437
At Penn	28425	28410

28789 At 5th + Robn

	W	28841 4.46 +1.0	28837 4.49 +1.0	28832 4.54 +0.5	28827 4.59 +1.0	28823 4.63 +0.76	28815 4.68 +1.0	28813 4.73 +1.0	28808 4.78 +1.0
	E	28819 4.69 +1.0	28815 4.71 +1.0	28810 4.76 +1.0	28805 4.81 +1.0	28801 4.85 +1.0	28796 4.90 +1.0	28791 4.95 +1.0	28786 5.00 +1.0
27	W	28804 4.82 +1.0	28799 4.87 +1.0	28795 2.76 +0.6	28791 3.10 +1.0	28733 3.38 +1.0	28705 3.66 +1.0	28677 3.94 +1.0	28649 4.22 +1.0
	E	28782 5.04 +1.0	28777 5.09 +1.0	28773 2.98 +1.0	28740 3.31 +1.0	28712 3.59 +1.0	28685 3.86 +1.0	28657 4.14 +1.0	28630 4.41 +1.0
	W	28621 4.50 +1.0	28593 4.78 +1.0	28565 5.06 +1.0	28537 5.34 +1.0	28509 5.62 +1.0	28481 3.87 +1.0	28453 4.15 +1.0
37	E	28602 4.69 +1.0	28575 4.98 +1.0	28547 5.24 +1.0	28520 5.51 +1.0	28492 5.79 +1.0	28465 6.03 +1.0	28437 6.31 +1.0

600	28845	28823
575	28841	28819
550	28837	28815
525	28832	28810
500	28827	28805
475	28823	28801

2/3/23

GRADES ON KITE ST.

		W.L.		E.L.	
S.L. Marine View		256.25		255.75	
5' 3 on W 53' S. on E		254.0		253.25	
103' S	+0.3	251.54		250.75	-2.7
153' S	+1.0	249.13		248.25	-5.1
203 S	+1.0	246.72		245.75	-5.8
254.3 S on W 253 S on E = N.L. Walnut	+2.3	244.25		243.25	-6.0
S.L. Walnut	+0.8	243.75		242.75	-5.3
50' S	+1.5	242.47		241.62	-3.1
100' S	+2.6	241.17		240.45	-2.6
150' S	+2.8	239.88		239.34	-2.0
200'	+2.1	238.58		238.20	-1.1
250	+0.6	237.29		237.06	-0.7
281.78 = P.C.	-0.6	236.48		236.35	-0.1
328.75 on W cb. 329.40 on E cb.	-1.5	235.25		235.85	-0.6

256.09 Bolt in Hyd. SE Brookes

2/4

160	W	251.54	249.13	246.72	244.25	243.75	242.47	241.17	239.88
257.69		6.15	8.56	10.97	13.44	2.6	3.8	5.2	6.4
1.47		+0.2	7.6	10.0	11.1	1.8	2.8	2.6	3.6
245.02			+1.0	+1.0	+2.3	+0.8	+1.0	+2.6	+2.8
i 30	E	250.75	248.25	245.75	243.25	242.75	241.62	240.45	239.34
246.32		6.94	9.44	0.5	8.1	3.5	4.7	5.8	7.0
		3.6	1.15	6.3	9.1	2.9	1.8	2.6	2.0
		-2.7	-5.1	-5.8	-6.0	-5.3	-3.1	-2.6	-2.0

W	238.58	237.29	236.48	235.25	
	7.7	9.0	9.8	11.1	
	.85	.94	1.24	1.26	
	+2.1	+0.6	-0.6	-1.5	
	235.20	237.06	236.35	235.25	
	8.1	9.8	1.20	11.1	
	3.2	1.22	1.22	11.7	
	-1.1	-0.7	-0.1	-0.6	

256.09	248	250.6	245.5	281.2	17.5
0.68	8.77	6.27	11.27		
256.17					
11.27					
245.50	243				
6.60	9.10				
251.10					
	244				
	8.10				
244	243.6	244	243.5		
4.10	5.10	1.5	2.06		
242.00		245.56			

241.91	240.92	239.63	238.34	237.05
3.34	4.63	5.92	7.21	8.50
236.24			235	
9.31	9.62	9.93	10.24	10.55

236.12	236.12				
9.43	9.91	9.99	10.07	236.12	
				0.43	

236.81	237.96	239.09	240.23	241.37	242.5
8.74	7.60	6.46	5.32	4.18	3.05

7/6/03

PAVING GRADES
REDWOOD ST

3019

ST

BP 30.06

BP 31.82

DALE ST

GRANADA AVE

29th ST

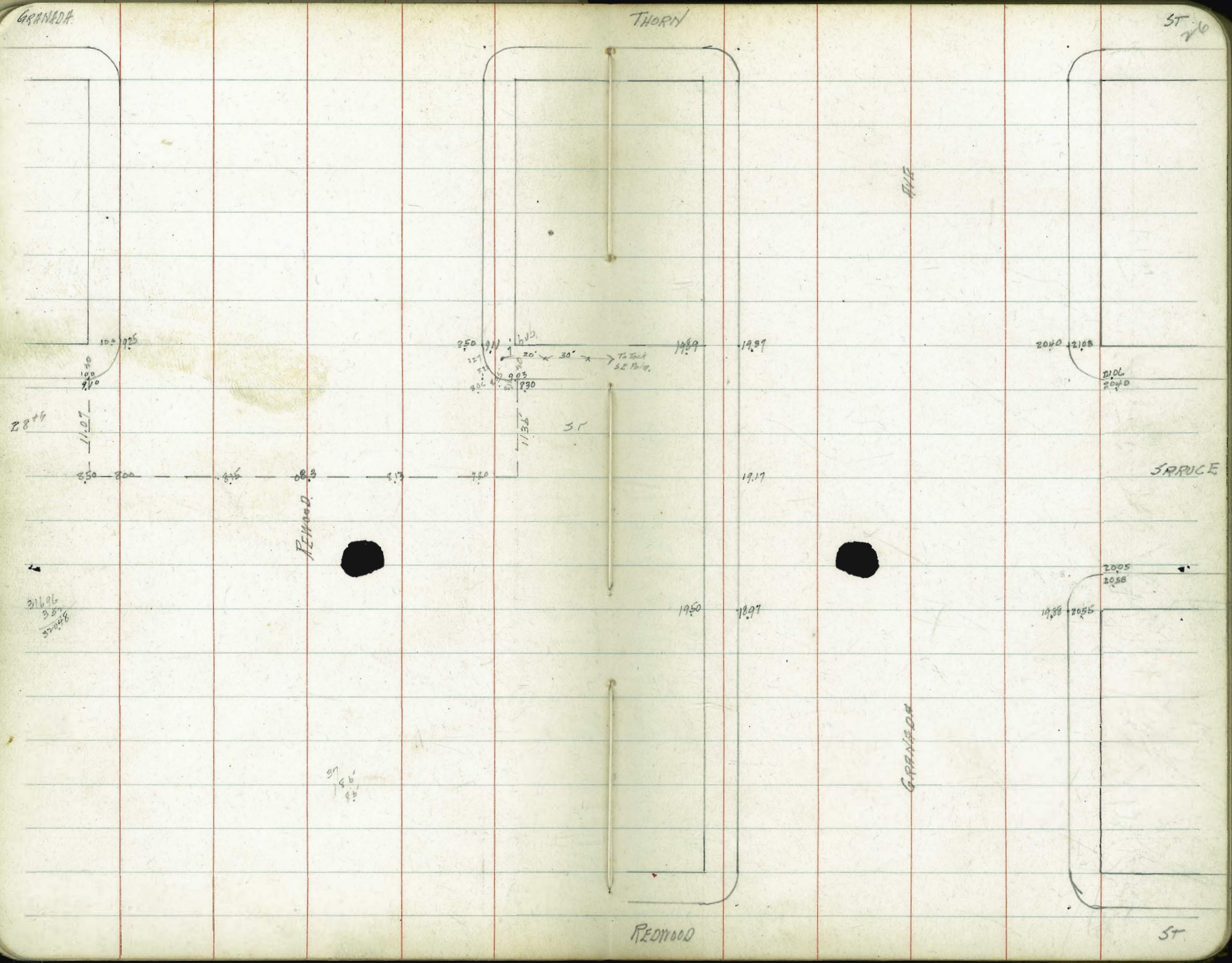
BP 31.99

29th

BP 31.99

BP 30.16

BP 30.16


GRANADA
THORN
ST
REDWOOD
GRANADA
SPRUCE
REDWOOD
ST
To Tack S.E. Bldg.

VPA3

NW.BP
339.50

ST.

B.P 323.49

THORN

ST

23.49
+ 4.29
27.78

23.49
4.32
27.81

.57

27

3/9/23 Gregory

GRADES ON McKEE ST
from Rattner Blvd to California

		N. P.L.					S.P.L.	
210'E = N.L. Rattner	+0.1	~~89.75~~	88.75				88.25	-0.7
180'E	+0.5'	~~84.82~~	~~84.40~~	84.17	+1.3	-1.4	83.60 83.82	-1.7
150'E	+0.3	~~80.39~~	~~80.05~~	79.60	+1.2	-1.3	78.85 79.39	-1.8
100'E	-2.2	~~73.01~~	~~72.77~~	71.97	-1.4	-0.17	71.20 72.01	-0.9
50'E	-1.8	~~65.63~~	65.50	64.35	-1.6		63.45 64.63	0.0 null
20'E				59.77			58.80	
10 E				58.63			57.68	
E.L. Cal				58.25			57.35	

6053 spk N.W. Clayton + Cal.

6653	65.63	73.01	80.39	88.82	89.25
605	0.95	573	1.028	585	1.42
66.58	3.8	81	1.6	54	3
036	-1.8	-84	+0.3	+0.5	+0.1
66.22	64.63	72.01	79.39	83.82	88.25
2.22	1.95	6.73	-0.7	6.85	2.42
78.74		46	-1.1	8.5	81
0.1		-0.9	-1.8	-1.7	-0.7
-78.7					
1173					
90.67					

60.53	65.50	72.77	80.05	84.40	88.75
3.27	8.75	1.48	6.6	2.2	4.4
63.80	11.5	3.70	5.9	1.1	3.8
0.52	-2.8	-2.2	+0.7	+1.1	+0.6
63.28					
10.97					
74.25					
0.59					
73.66	64.63	72.01	79.39	83.82	88.25
12.95	7.62	2.2	7.2	2.8	5.00
86.61	0.0	3.1	8.9	4.4	5.6
1.31		-0.9	-1.7	-1.6	-0.6
85.30					
7.89					
93.19					

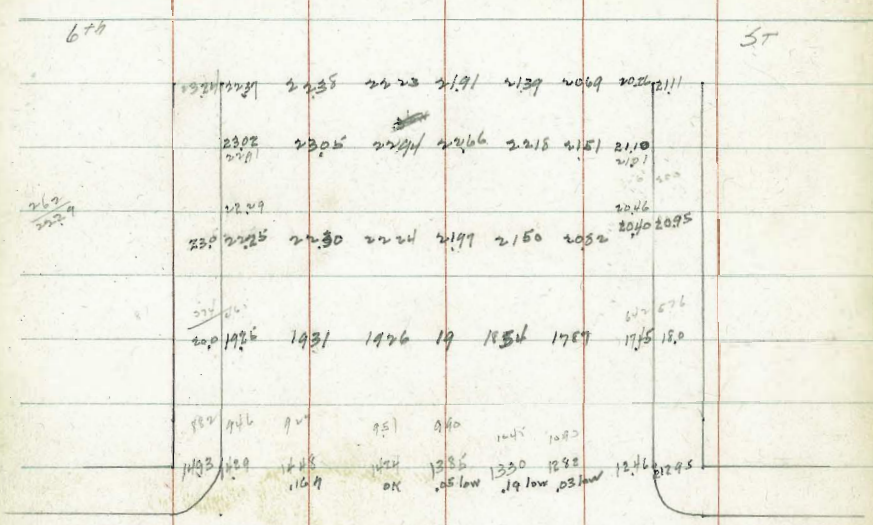
HI 64.67

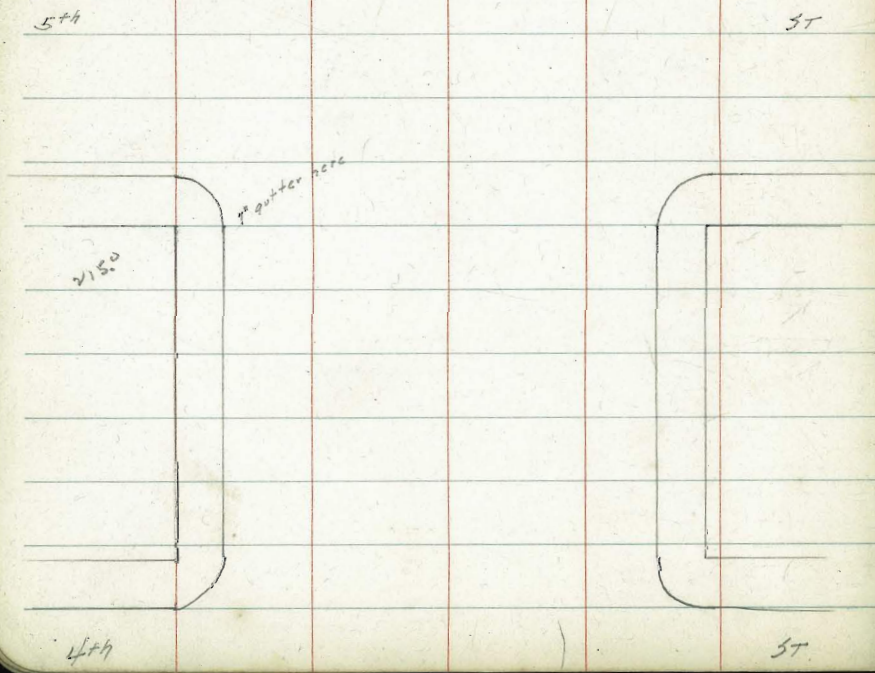
S	57.68	58.80	63.45
	6.99	587	1.22
	5.99	3.82	0.22
	+1.00	+2.0	+1.00

N	58.63	59.77
	6.04	4.90
	5.04	
	+1.0	

SCE 2015 / 31 12/27/49

IVY ST PAVING





2223.75 215 1936

224.91

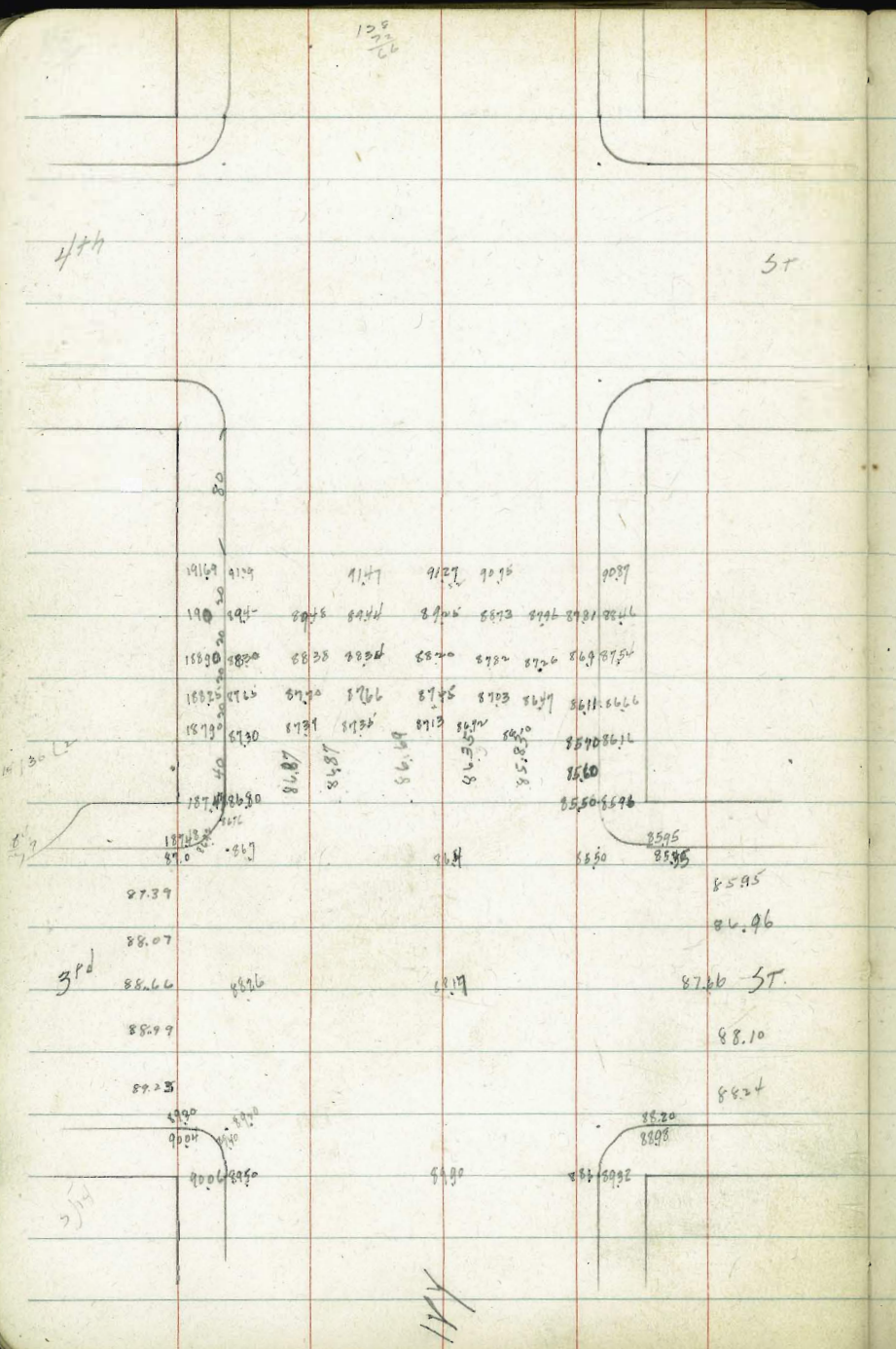
497 710 1207 602

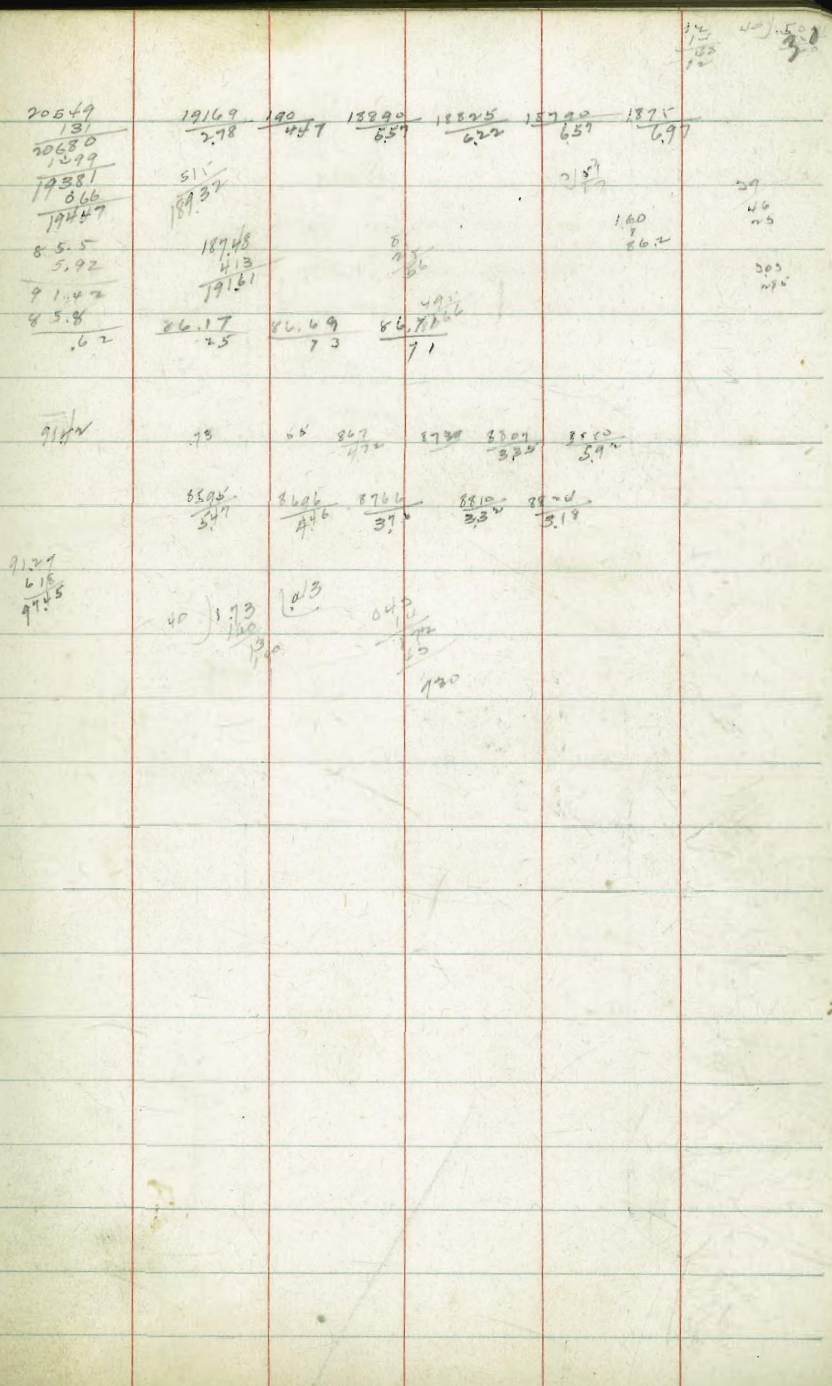
497 164 2045 2081

528 164 2077

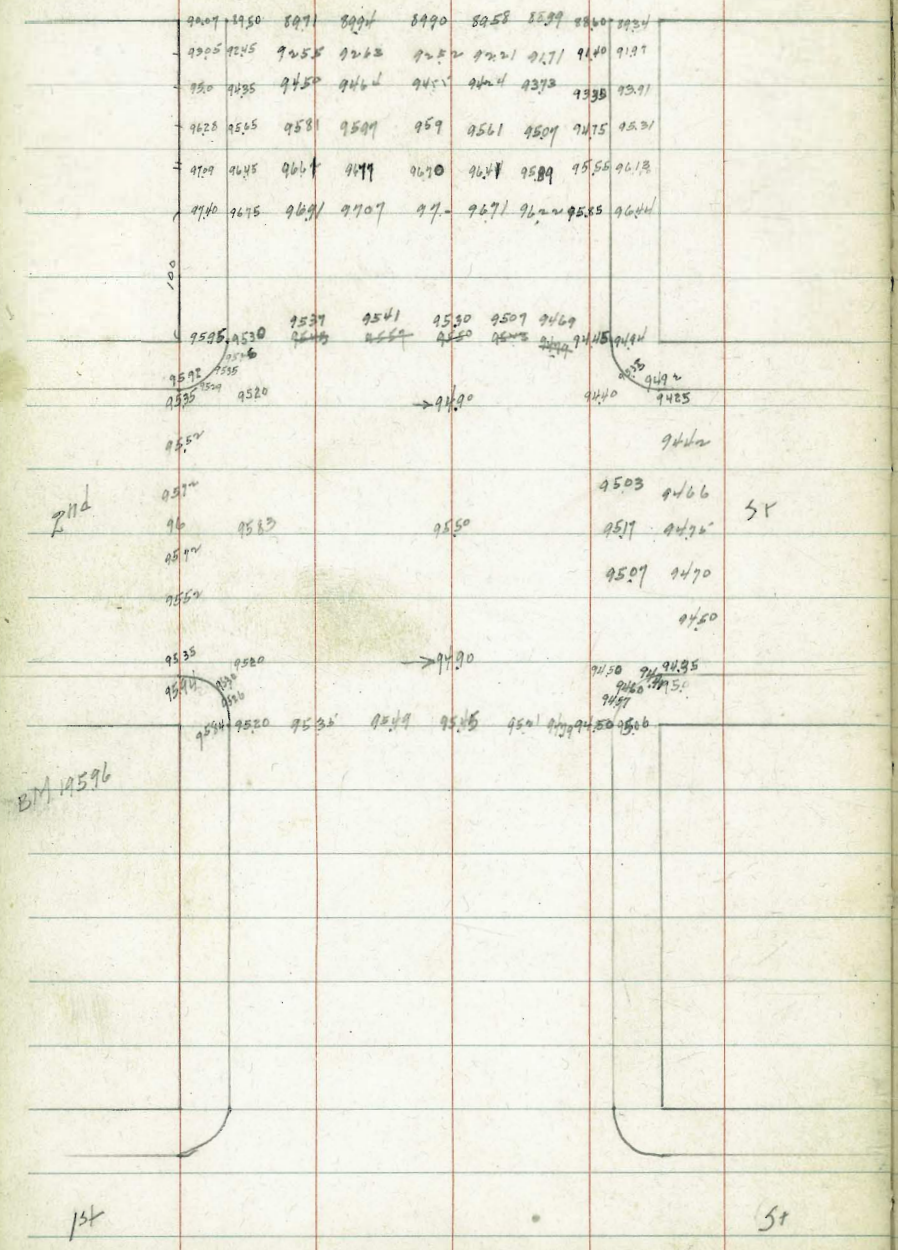
531 316 847 2123

29


5T
3rd
5T.
87.39
88.07
88.66
88.99
89.23
87.66
88.10
88.24
85.95
86.46
85.60
85.50
86.87
86.49
85.85



3rd



31

19596
398
19994

19596
368
19964

19596
356
19956

9543
313

9557
299

9550
306

9572
338

9479
377

9471
135

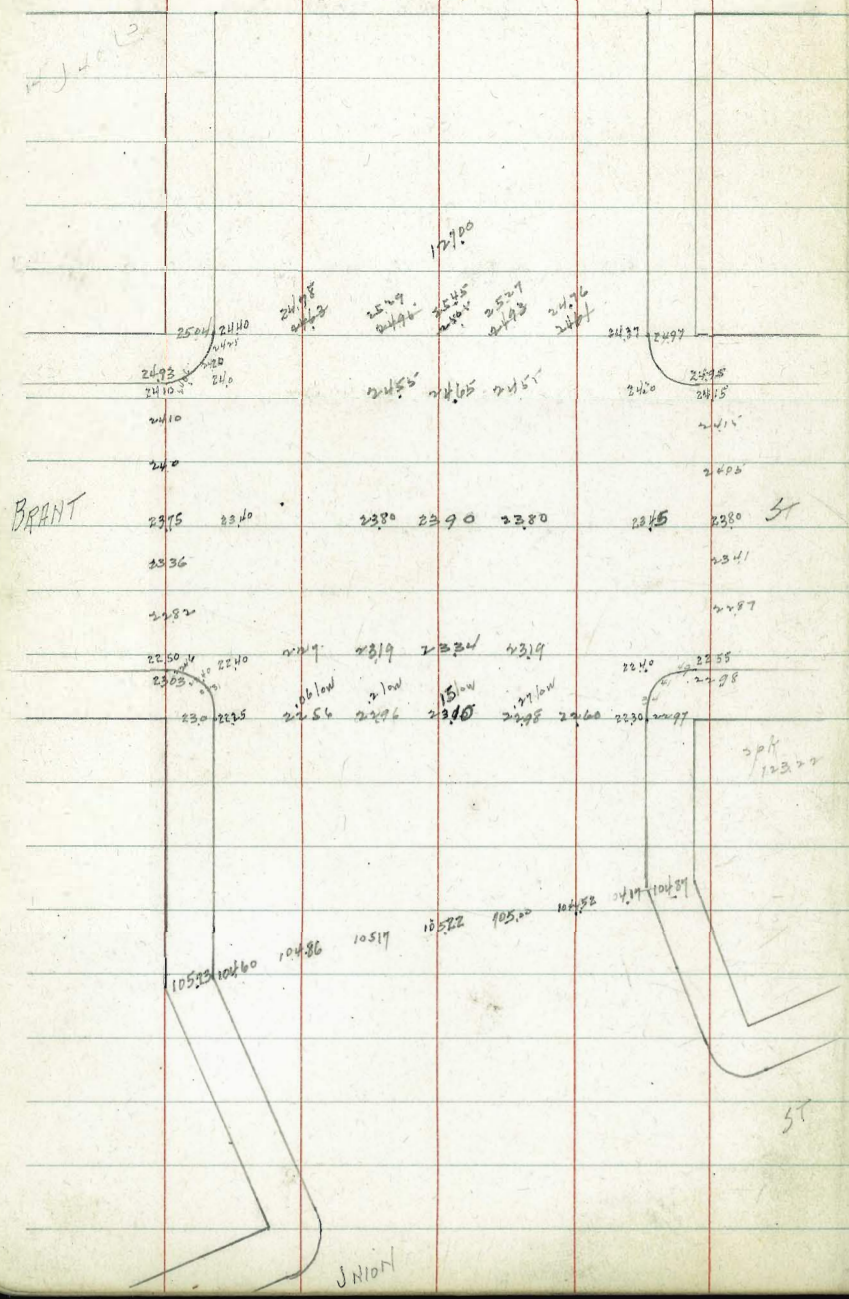
97
150

9691
165

19596
276
19872

FRONT

ALBATROSS


BRANT
5T
5T
UNION

UNION

ST.

STATE

ST

BP
97.83

COLUMBIA ST.

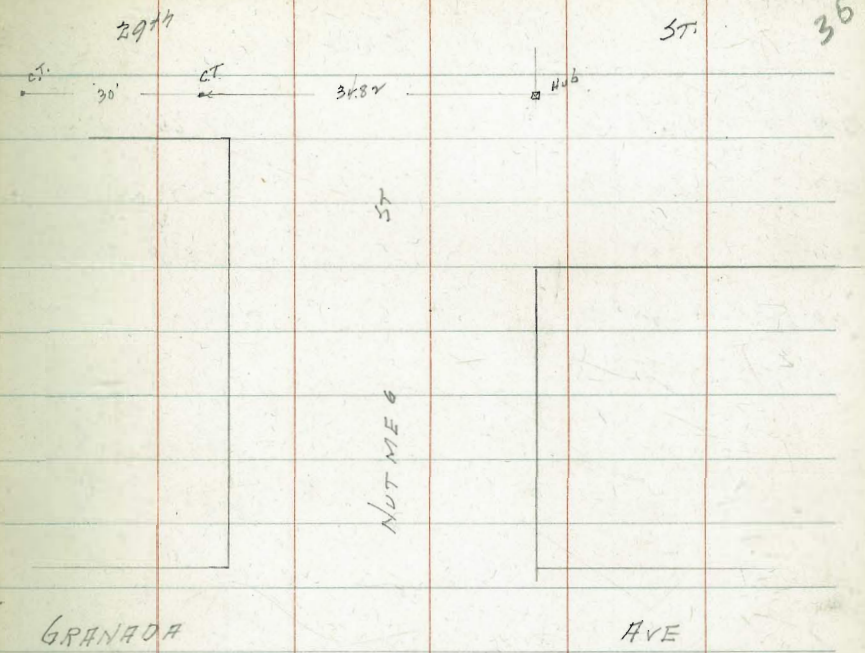
BP 6293

2/19/23

GRADES ON NUTMEG ST
from NL 29th to 127' west.

Stakes set 3' out.

NL			SL		
NL 29th		290.25		289.75	-1.3
	1.8		2.6		
50' W	+1.4	287.92	3.6	287.25	+0.3
brick 72' 3.2	287.5 3.6		8.2		
100 W	+1.9	285.59		284.75	-1.9
	6.2		11.9		
127' W	+0.4	284.33		283.40	-4.2



291.13

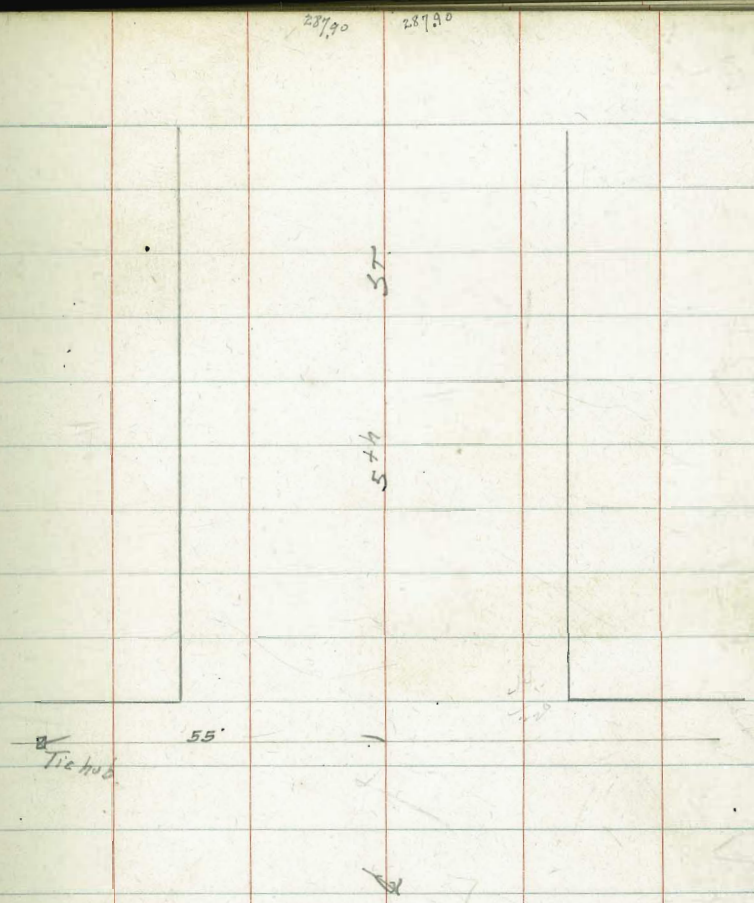
289.75 / 1.3	287.25 / 3.9	284.75 / 6.3	283.40 / 7.7	
	287.92 / 3.2	285.59 / 5.5	284.33 / 6.8	

2/20/23 Gregory. GRADES on 5TH ST North of Arbor Drive

		WL	EL	
300' N.	-1.5	288.25	288.25	0.0
250'	-2.8	288.67	288.50	+0.7
44.53		288.71	288.53	
200'	-0.8	289.08	288.75	+1.1
150'	-0.5	289.50	290	+1.2
100'	-0.1	289.92	289.96	+1.0
50'	-0.6	290.33	289.50	+0.5
N.L. Arbor	-0.2	290.75	289.75	+0.4

.83
45
415
332
37.36

45
5
2.26



289.03 CT S.E. 4th & Arbor Drive
6.01
295.04

N	290.75	290.33	289.92	289.50	289.08	288.67	288.25
	43	47	51	55	60	64	68
	6.2	5.8	5.4	6.0	6.2	9.4	6.8
	-0.2	-0.6	-0.1	-0.5	-0.8	-2.9	-7.5
S	289.75	289.50	289.25	290	288.75	288.50	288.25
	53	55	57	60	63	65	68
	49	50	45	48	52	55	63
	+0.4	+0.5	+1.0	+1.2	+1.1	+0.7	0.0

S 5 4
8

289.03
5.63
294.66

290.5	89.25	89	88.75	88.50	88.25	88.00						290
4.6	54	6.66	5.91	6.16	6.38	6.42	650	659	667			676
							5.30	5.29	00			00
								-1.0				
	90.08	89.67	89.25	88.83	88.46	88.40		681	73			
	4.58	4.99	5.41	5.83	6.20	6.26	6.39	651	6.63			676
						00	00	-0.30	-0.30			

Isthmus Tennis Courts.
Grades etc.

BM assumed at 100.00 on curb over catch Basin

100
7.97
107.97

100.00
8.20
108.2

10.25 / 5.7
10.26 / 5.6
10.28 / 5.4

10.23 / 5.9
10.26 / 5.8
10.27 / 5.7

10.27 / 6.2
10.21 / 6.1
10.23 / 5.9

102 / 6.2 / 3.7 / +2.5
101.9 / 6.3 / +0.8
101.5 / 6.4

100.00
6.93
106.93

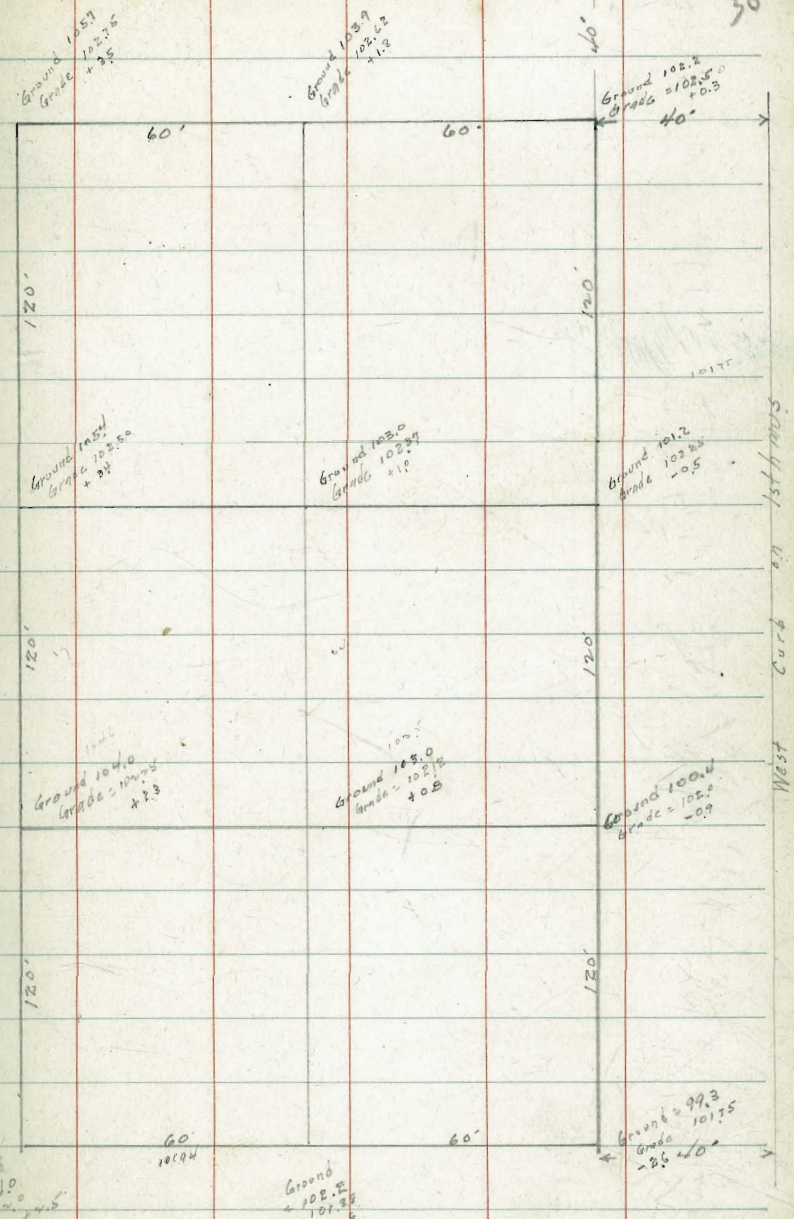
400 / 107.93
430 / 107.63
440 / 107.53

45 / 102.4
42 / 102.7
45 / 102.38
49 / 102.0

40 / 102.3
47 / 102.2
49 / 102.0
51 / 101.8

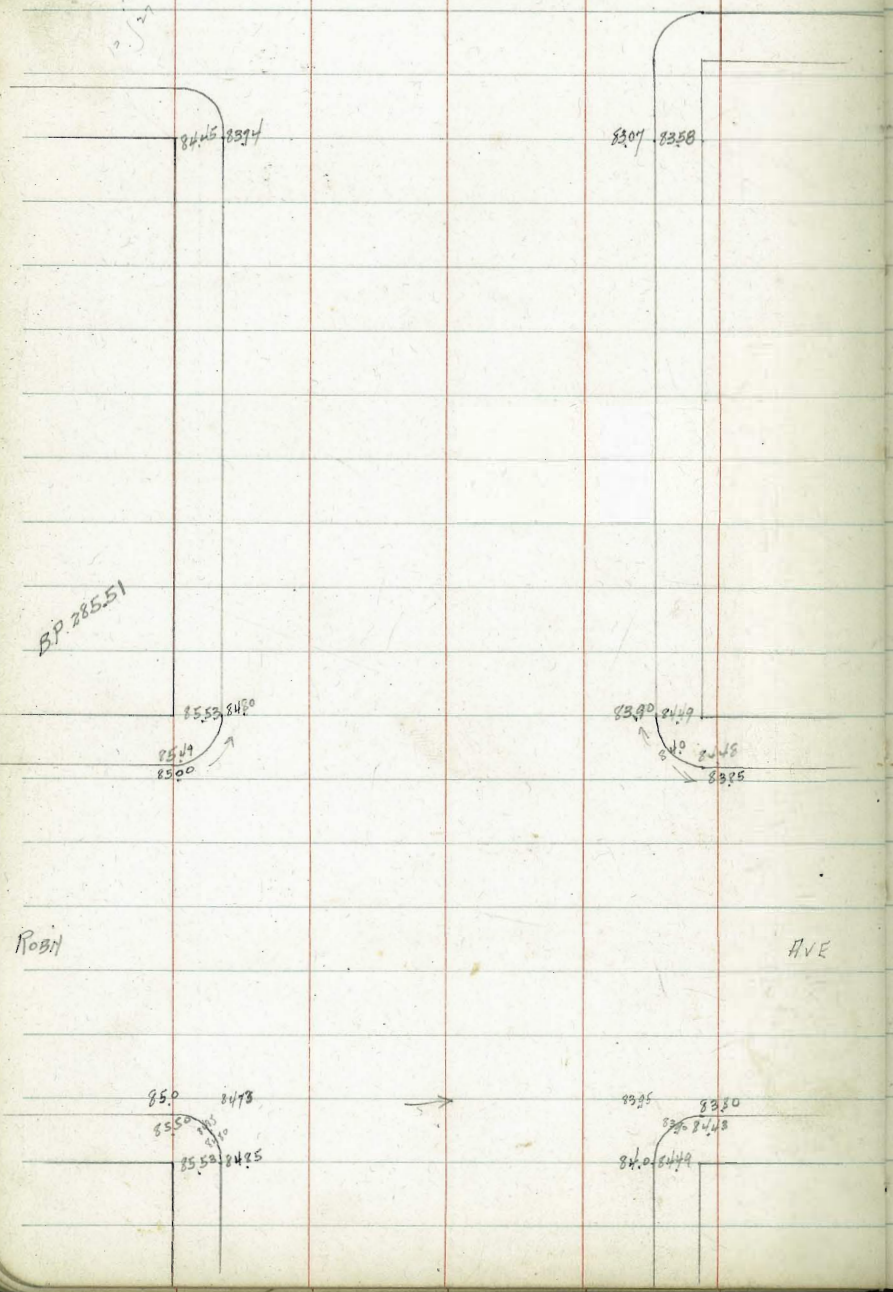
102.1 / 4.83
102.14 / 4.89
102.35 / 4.55
102.315 / 4.615
102.25 / 4.65

368
375
387
388
102.44 / 4.19
103 / 3.94



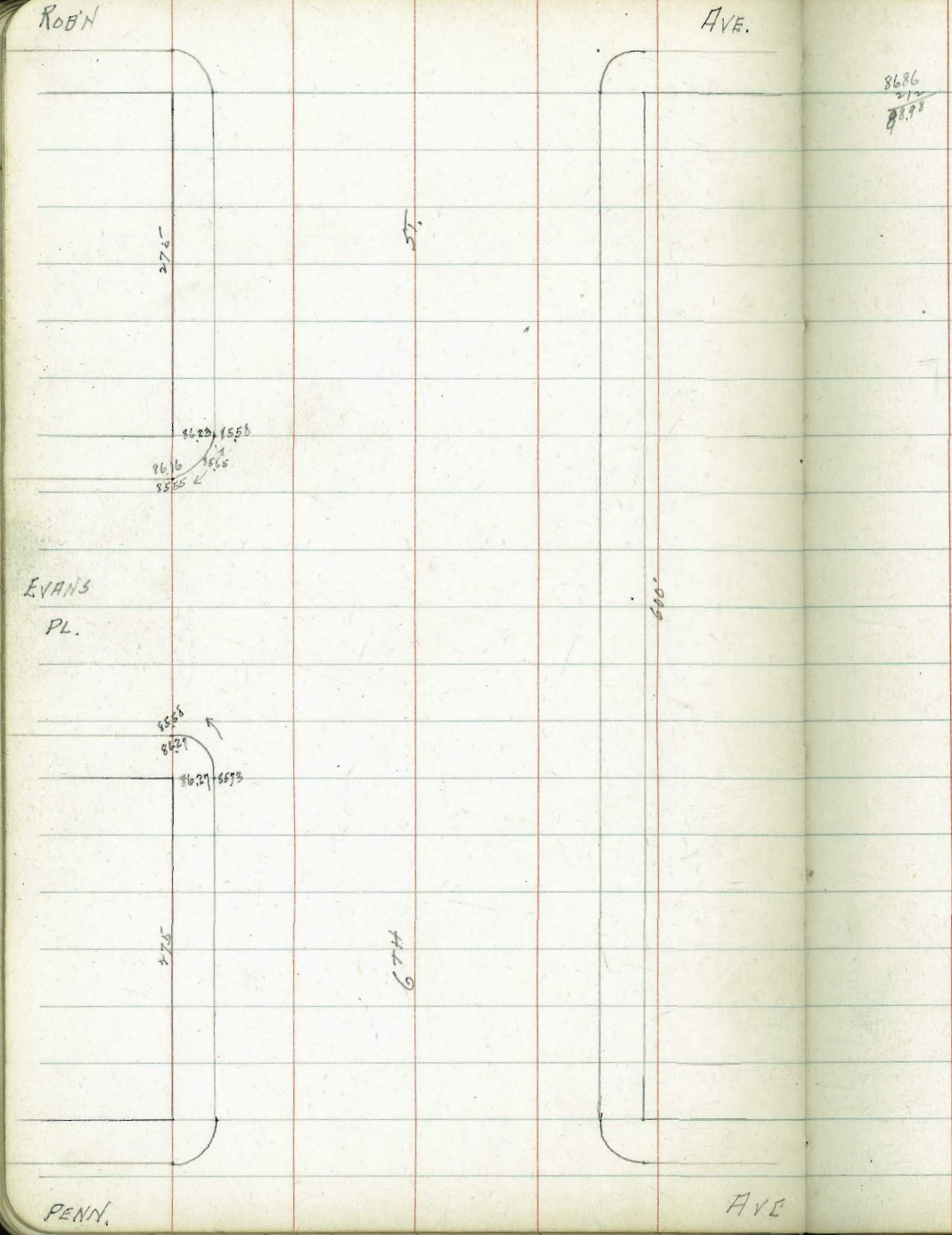
2/28/23 SIXTH ST PAVING

UNIV. AVE



285.51
470
289.91

283.87
487
288.74

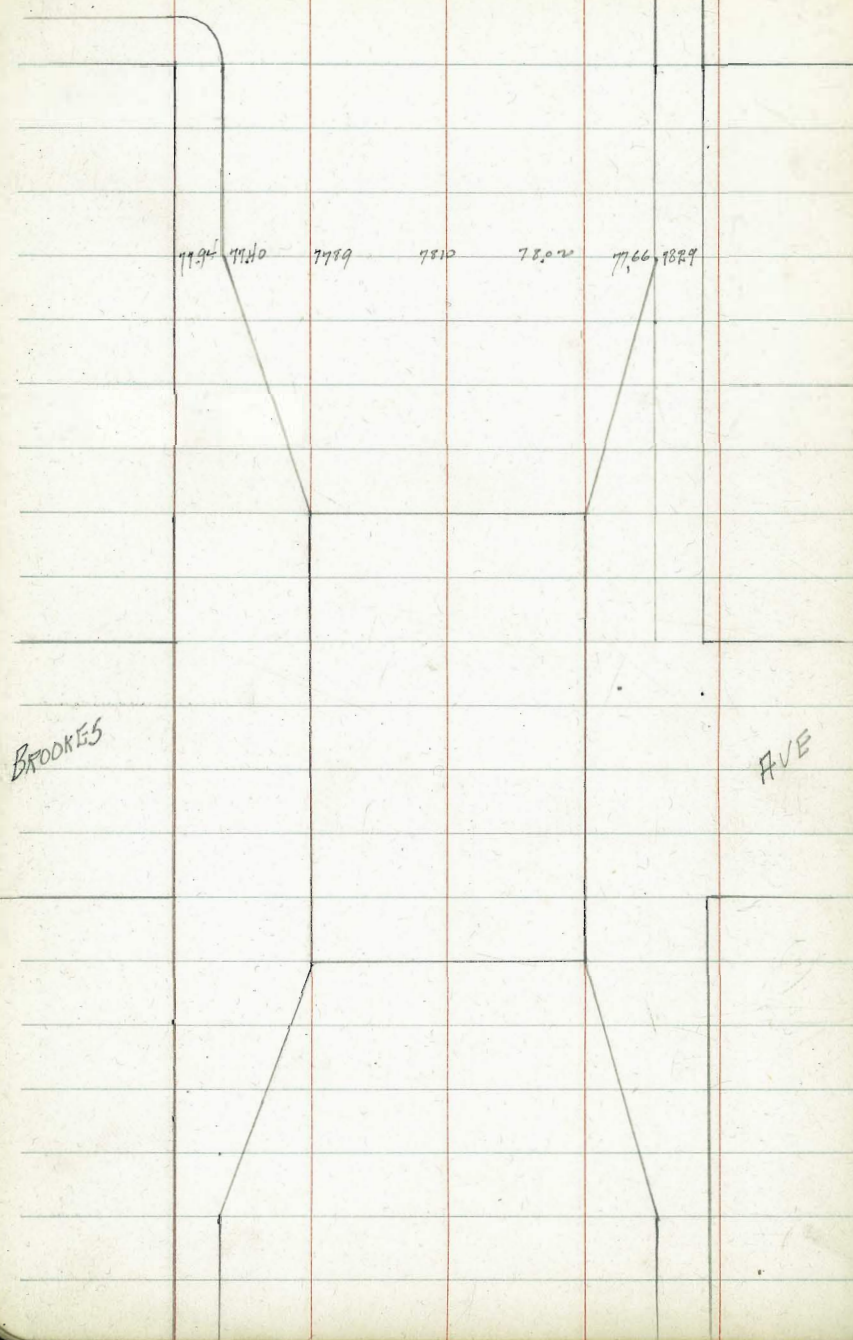

ROB'N
AVE.
5T.
276'
8623
8558
8616
8565
8565
EVANS
PL.
8558
8629
8629
8593
275'
6TH
690'
PENN.
AVE

8686
21
8698

BP 28686

PENN AVE

ANDERSON PL.



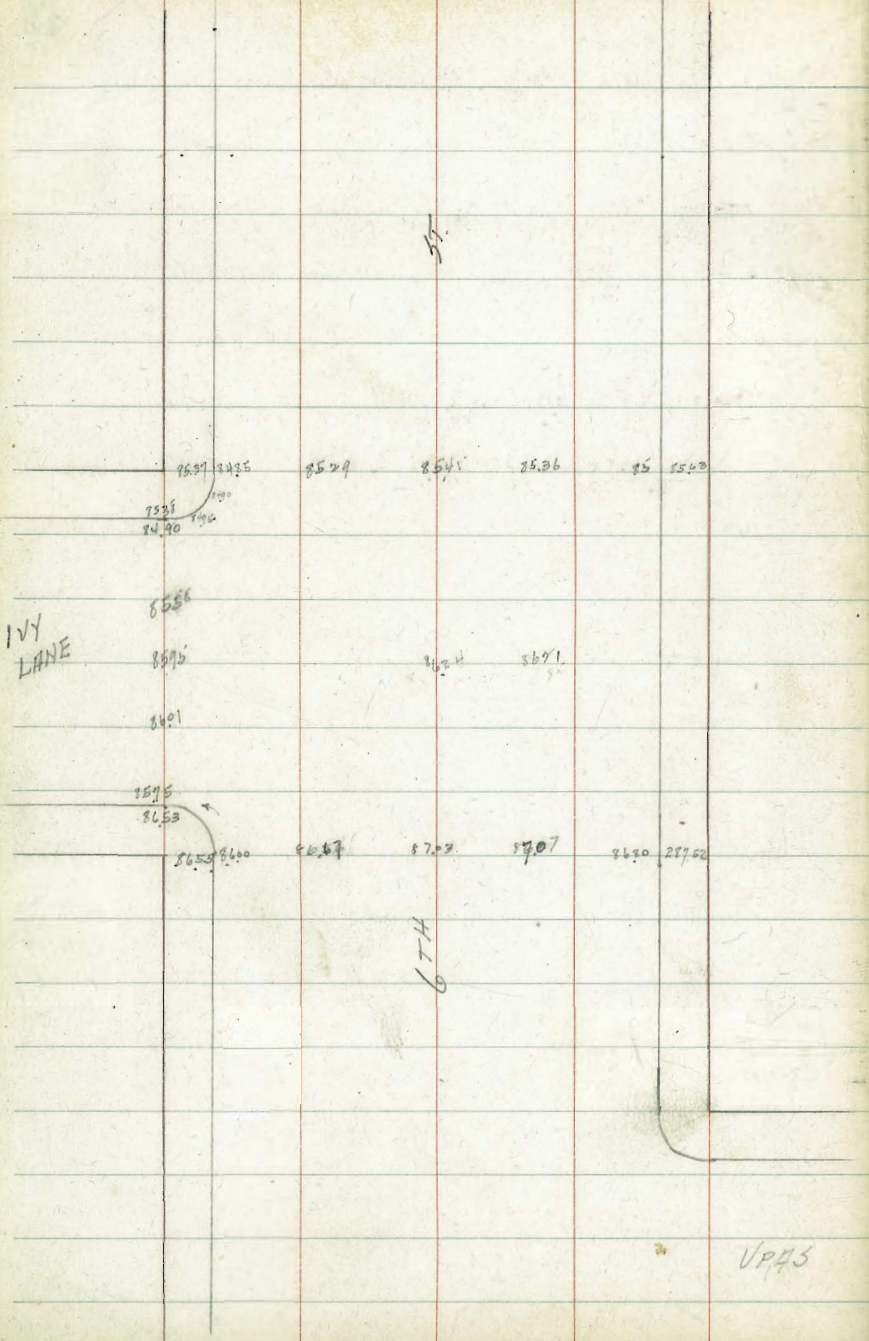
8491 666 677

7766
643
8409

7789
620

7810
599

7802
609



8907 / 193 / 29.00	345 / 752	8600 / 469 / 9067	8701 / 366	8708 / 359
8667 / 443 / 9.08	86 / 508	515	527	528 / 8575 / 535
	7890 / 618	613		
8576 / 584 / 9.64	8553 / 61	8596 / 569	8601 / 563	
	8536 / 623	8545 / 619	8549 / 615	

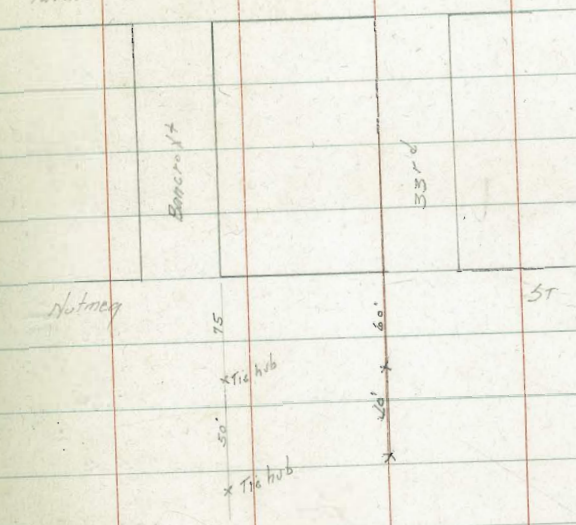
Grades on Bancroft
N 37.7' x Nutmeg + 33rd

	WL. Bancroft St.	EL.
SL Palm	~~305.0~~ change to 304.50 cb.	~~305.0~~
50' S	~~304.46~~	~~304.58~~
100' S	~~303.93~~	~~304.16~~
150' S	~~303.39~~	~~303.75~~
+10' S	302.75	303.75
+50' S	301.35	302.0
300' S	299.65	300.44
335' S	298.45	299.34
370' S	297.25	298.25
400' S	296.17	297.17
450' S	295.83	296.83
500' S	294.94	295.94
550' S	294.06	295.25
595' S = NL Nutmeg	293.25	294.25

307.73	E	305	304.6	304.1	303.7	303.4	302	300.4	299.3
1.10		2.73	2.6	3.1	3.5	3.3	5.0	6.8	7.9
306.63		0.2	+0.5	0.3	2.9	0.3	+1.0	5.4	+1.3
5.12		+0.1		-0.2	+0.6	+0.7			
300.28	W	305	304.5	303.9	303.4	302.7	301	299.6	298.4
		2.73	2.7	3.3	3.8	4.4	5.8	7.6	8.8
		+0.1	-0.4	0.6	3.4	4.6	6.0	8.9	5.2
				-0.3	-0.1	-0.1	-0.2	+0.3	+0.2

297.2	297.5	296.5	295.5	294.2				
2.0	3.2	4.0	4.5	5.2				
295.2	294.3	292.5	291.0	289.0				
-0.5	-0.1	-1.2	-1.8	-2.2				

Palm ST.



Nutmeg ST

NUTMEG ST.

	NL.		SL.
WL 33rd. +4.2	293.25	15.2	294.75 +4.2
62.5 W	295.0	15.0	296.50
125 W	296.75	13.8	298.25
187.5 W	295.50	13.5	297.0
250 W = EL Bancroft prod.	294.25	+1.9	295.75
		294.75	

297.40	N	293.2	295	296.75	298.5
3.63		9.8	8.0	6.3	7.5
303.02		2.2	2.7	0.7	4.3
		+4.2	+4.3	+3.6	+3.2
	S	294.75	296.50	298.2	297.0
		8.3	6.5	4.8	6.0
		4.1	2.1	0.0	3.1
		+4.2	+4.0	+2.8	+2.5

295.75	
4.5	
3.6	
9.9	

		33rd St.		
		Cb		Cb
3L Palm	305.75	305.50		306.0 306.95
50	304.15			304.72
100 S	302.55			302.62
150 S	300.96			300.82
200 S	299.36			299.02
250 S	297.77			297.22
300 S	296.17			295.42
350 S	294.25			293.21
400 S	294.08			293.06
450 S	293.87			292.87
500 S	293.66			292.66
550 S	+2.7 293.45			292.45 -3.4
598 S. NL Holmes	+4.7 293.25			292.25 -0.3

303.02	E 292.25	292.45	292.49	292.29	293.1	293.25
736	10.8	5.2	4.9	4.7	4.8	4.3
2956	11.1	8.6	13	15	11.6	9.7
196	-0.3	-8.4	-6.4	-8.8	-7.1	-5.4
297.62	W	293.46	292.37	292.39	292.41	292.25
1.26		4.2	3.9	3.9	3.5	3.3
296.36		2.0	5.4	7.0	5.7	5.4
10.87		+2.2	-1.5	-3.3	-2.2	-0.1
307.23						

E	64	126	94	71	40	22	07
	291.2	294.6	297.5	300.1	303.2	305.0	306.5
	284	97.2	299	08	2.6	4.4	5.1
	-4.2	-2.6	-1.2	-0.1	+0.6	+0.6	+0.2
W	00	75	59	46	43	24	12
	297.6	299.7	301.3	302.6	302.9	304.5	305.6
	96.2	97.3	98.2	1.0	2.6	4.2	5.7
	+1.4	+1.9	+1.9	+1.4	+0.3	+0.3	-0.1

FT Stockton Paving

HAWK

ST

IBIS

ST

BP

Jackdaw

ST

BP

46

Jackdaw

Ft Stockton.

BP 27.28

Ingalls

ST

BP 7.30

Lark

ST

27.28	27.28		
5.40	5.28		
278.38	278.96		
7.30	7.30	7.28	
5.99	7.24	5.70	
278.99	7.31	78.08	
7.30	7.14		
5.64	7.13		
278.71	7.28		
7.30			
3.37			
76.37			

Ft Stockton.

BP 37011 hole

Randolph

Palmetto

Fort Stockton

Stephens

ST.

Lewis

St.

7049 70 7066 7117 7129 7148 7201

7080 7085 7180 7140

Stockton

6950

6998 6940 7013 7060 7078 7079 7150

JACKSON

5952 5942 5975 5930 5900 5955 5960

5925 5955 5995 5925

Washington

57903
4.99
762.02

337
8.05
407
7.95

5752
4.80
5790
4.12
5805
7.5

57052
4.25
294.90

7139 7145 7137

MONTECITO

LARK

WAY

DRIVE

RANDOLPH

ST.

ST.

ARGUA

MONTECITO

6688 6720 6710 6685 6743 6753 6709 6700

6750 6785

6796 6820 6818

7382 7384 7335 7340 7377 7383 7399 7403

7360 7415 7402

7439 7455 7429

275.51
4.47
279.98

7335
7.95
763.0

3 | 110
37

7330
5.19
78.47

6784
4.35
72.19

4.36
67.86

7390
5.43
79.13

739
5.57
79.47

7350
5.33
78.83

10 963 926 8.90

5

Arbor PALMETTO Drive

BP 27901

7593 7626 7619 7595

7584 7633

760 7635 7650

Montecito

7584 7636

7586 7626 7619 7590

LEWIS ST

ST

27901
28
281.29

7536
53
80.88

7586 7626 7619
60 63 69

7636 7650 7693
62 58 55

7619 7626 7693
69 63 55

7713 7777 7763 7780
7790
78.67

PLYMOUTH

WAY

ARBOR

DR.

HUNTER

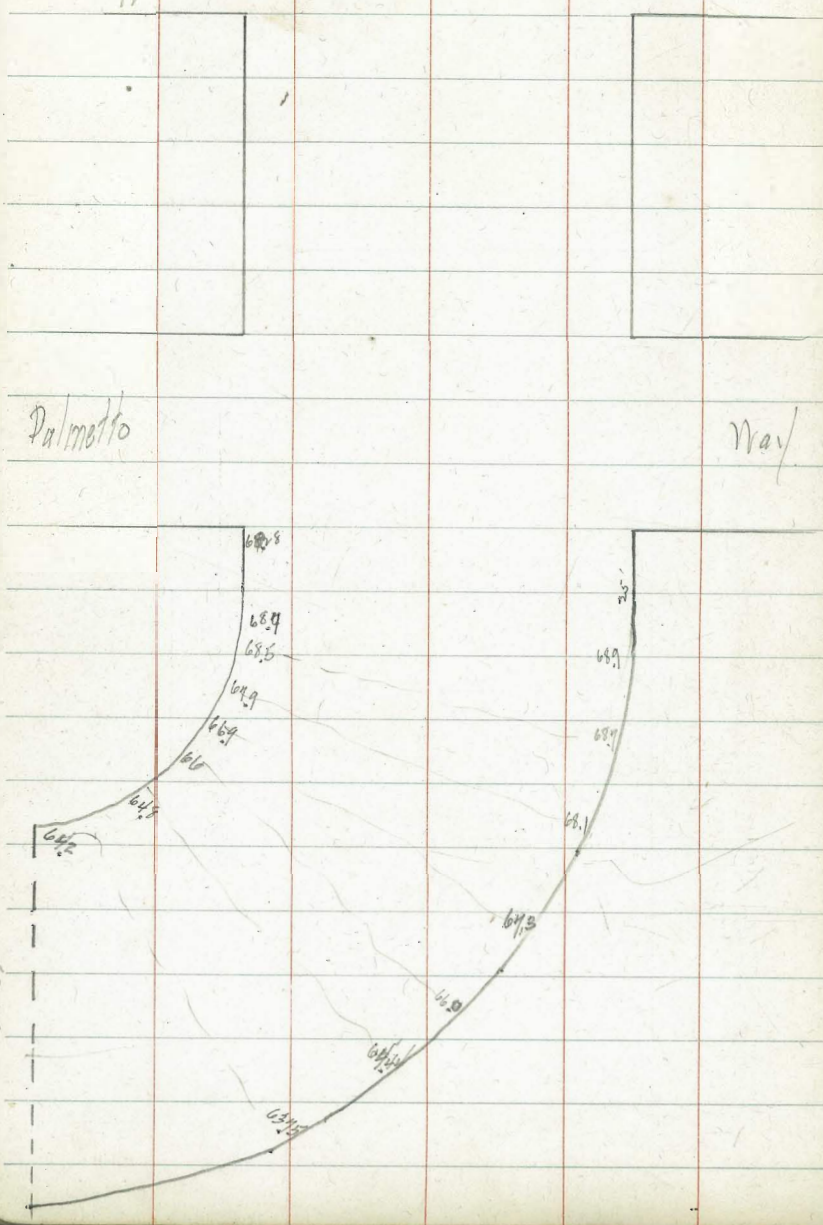
ARBOR

DR

PLUMOSA WAY.

Randolph St

Palmetto Way



472 358 337 363 689/382

689.17
358
1047.5

FORT STOCKTON
AMPUDIA

264.0

264.5

PINE ST.

+1.3

+2.9 264.0 262.75

+1.4 261.50

+1.0 260.25

-1.1 259

-0.4 257.75
256.5

+0.6

264.5 +3.2

263.32 +3.8

262.17 +3.3

261.0 +2.7

259.83 +2.0

258.67 +2.7

257.5

+0.8

256.0

+1.9

257.0

57.0

59.4

60.0

62.2

63.3

64.2

65.0

65.5

65.9

66.1

66.5

TRIAS

FORT STOCKTON

57.5

59.9

61.3

62.7

63.6

64.9

65.5

66.0

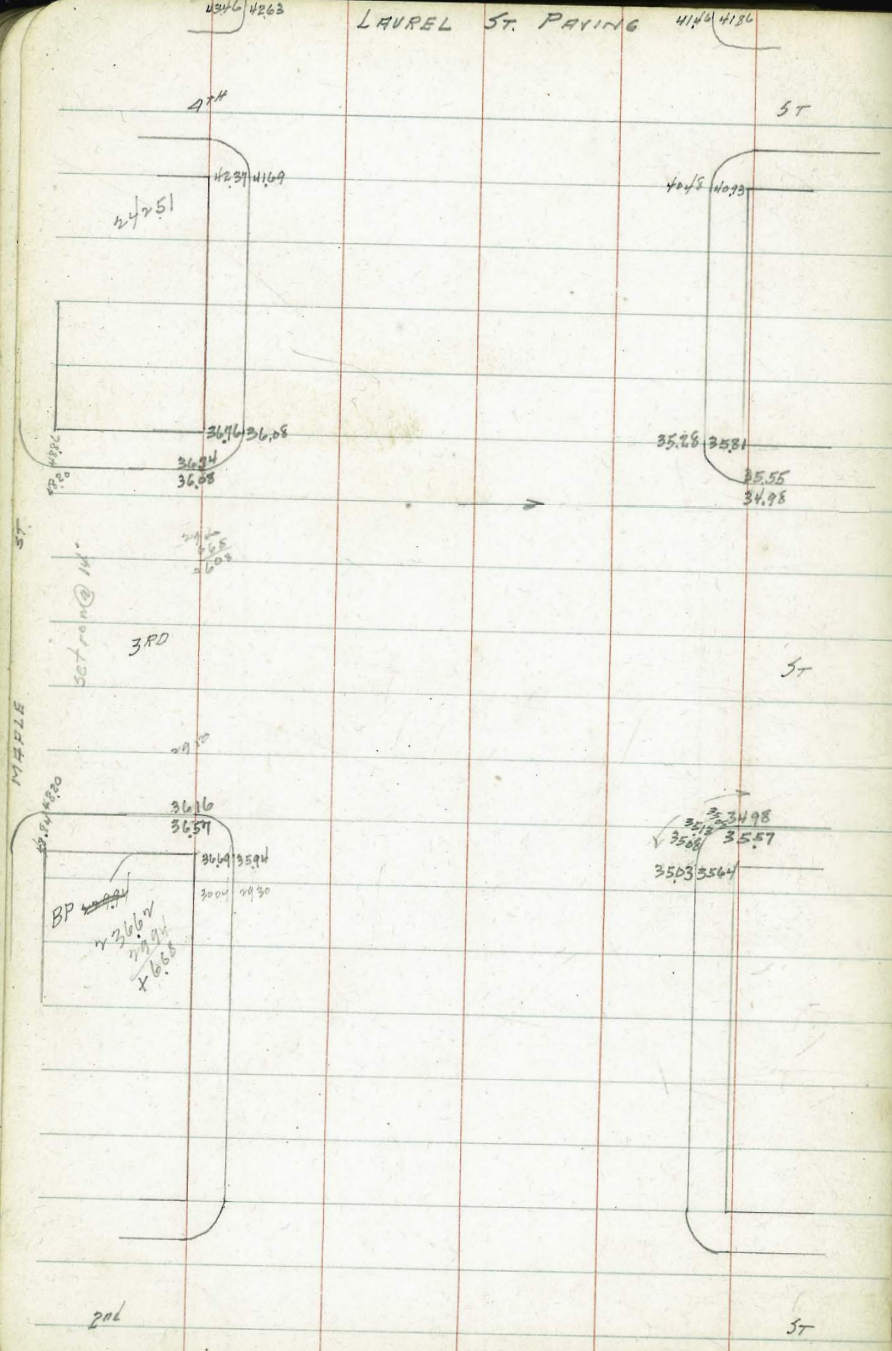
66.4

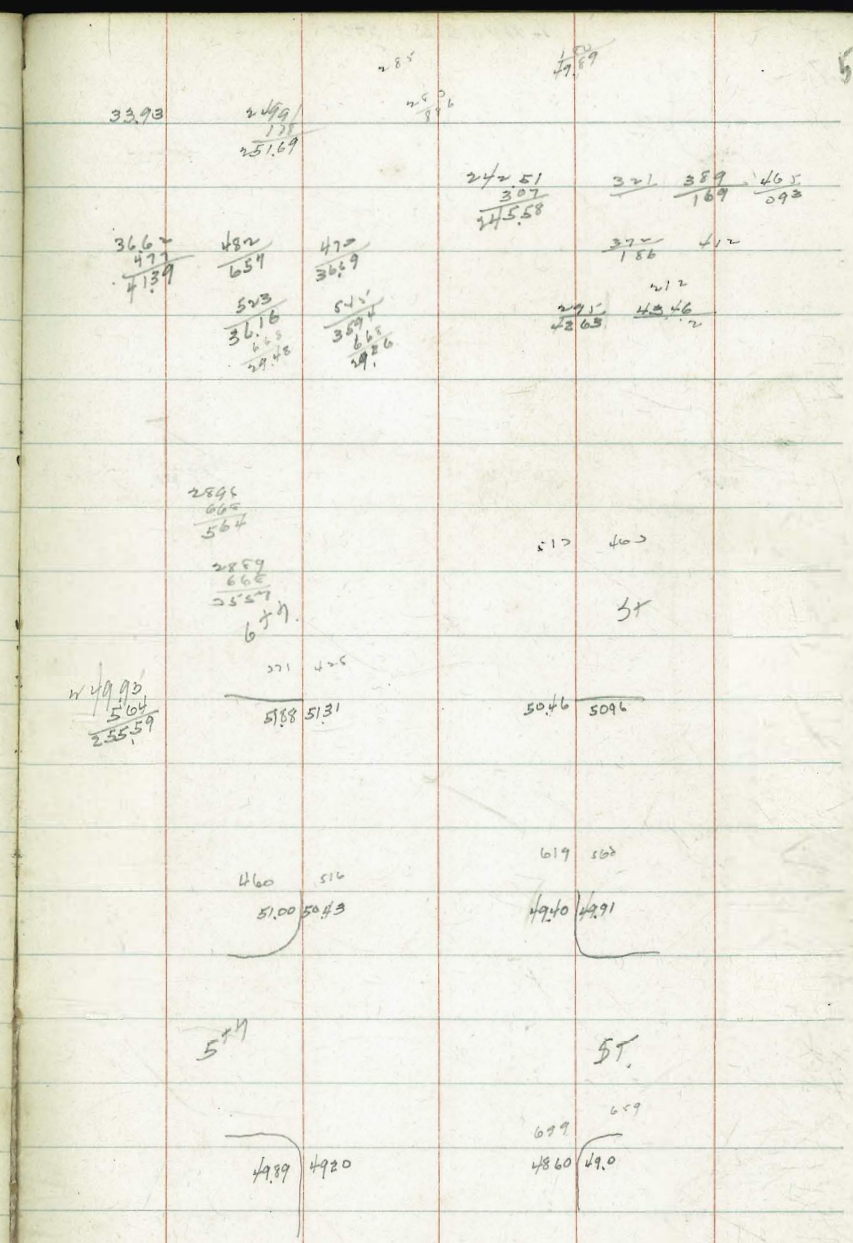
66.6

67.0

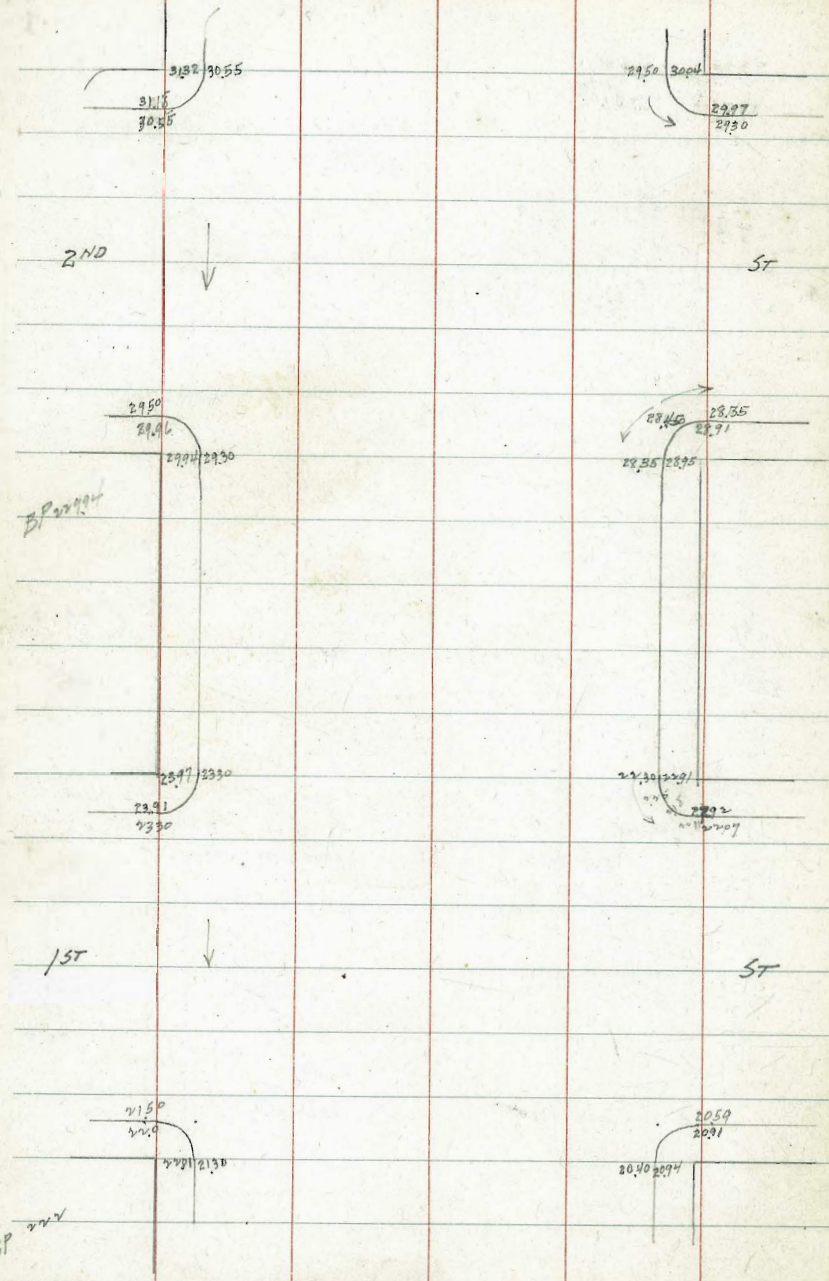
67.0

LAUREL ST. PAVING

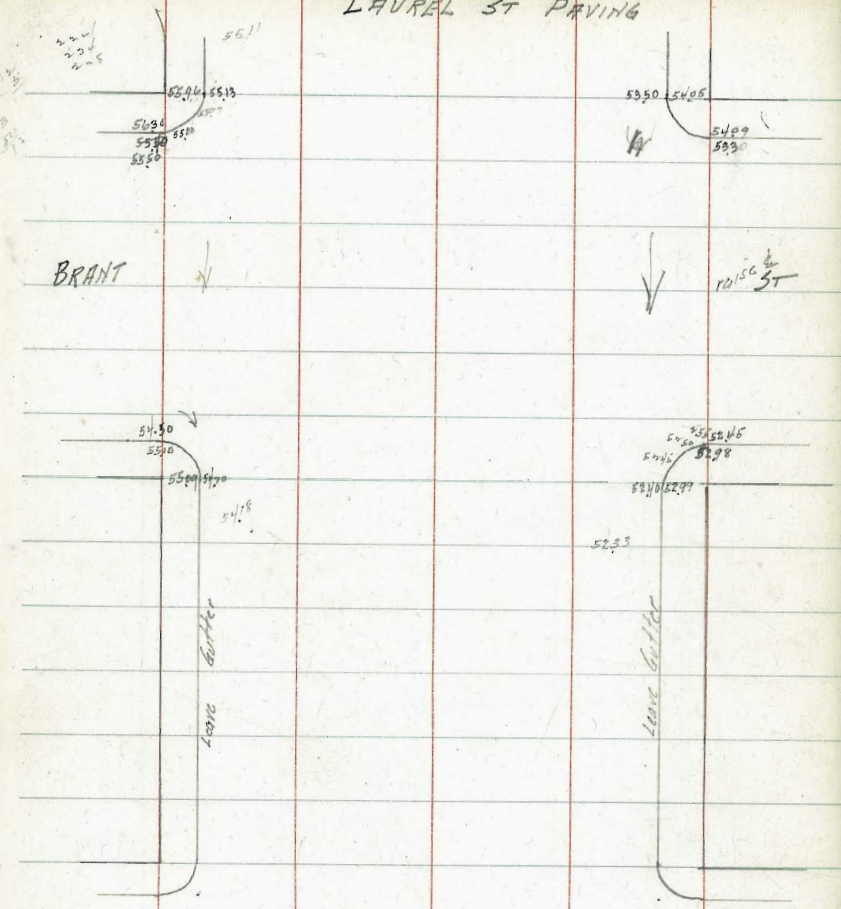




LAUREL ST

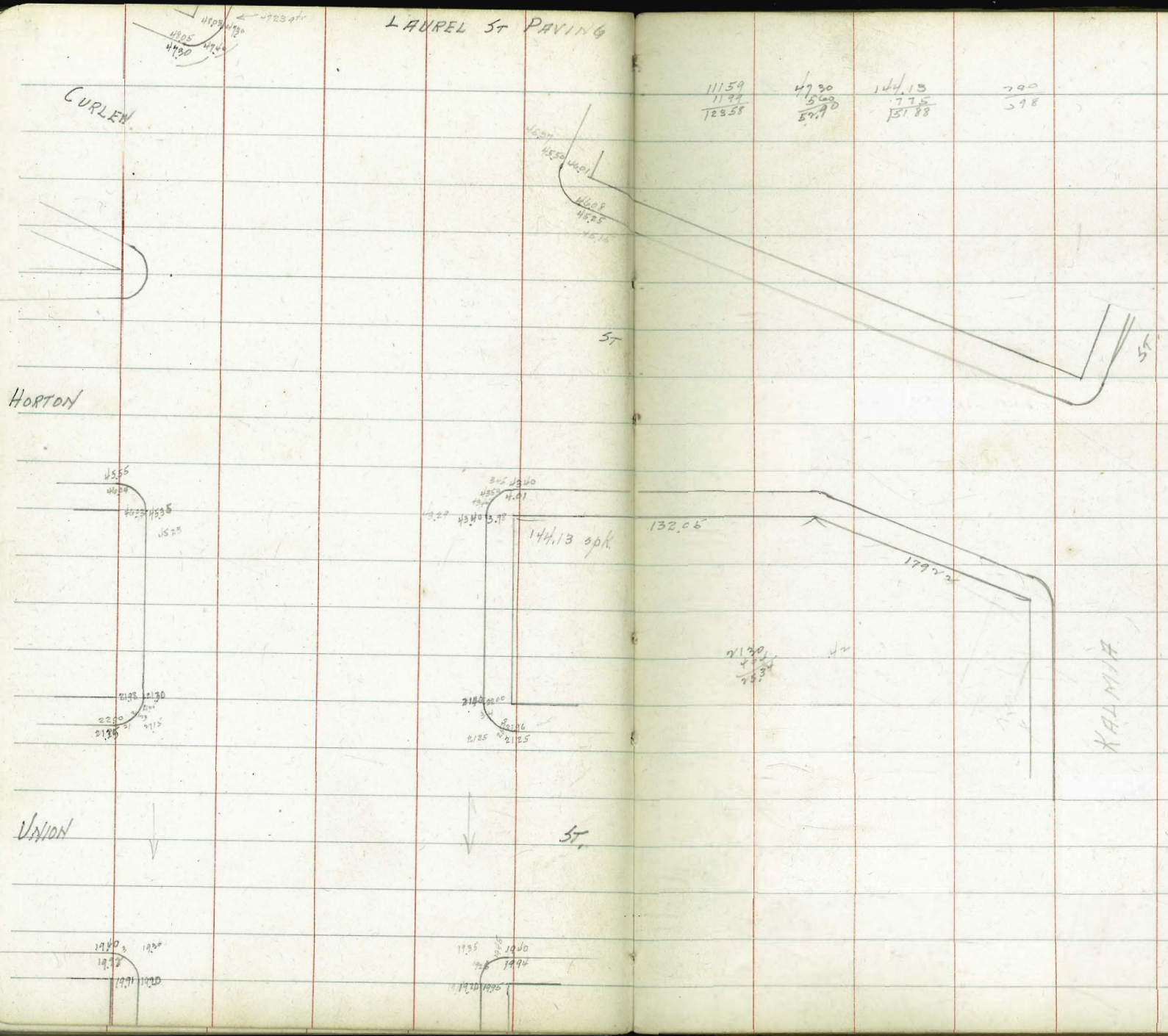


LAUREL ST PAVING

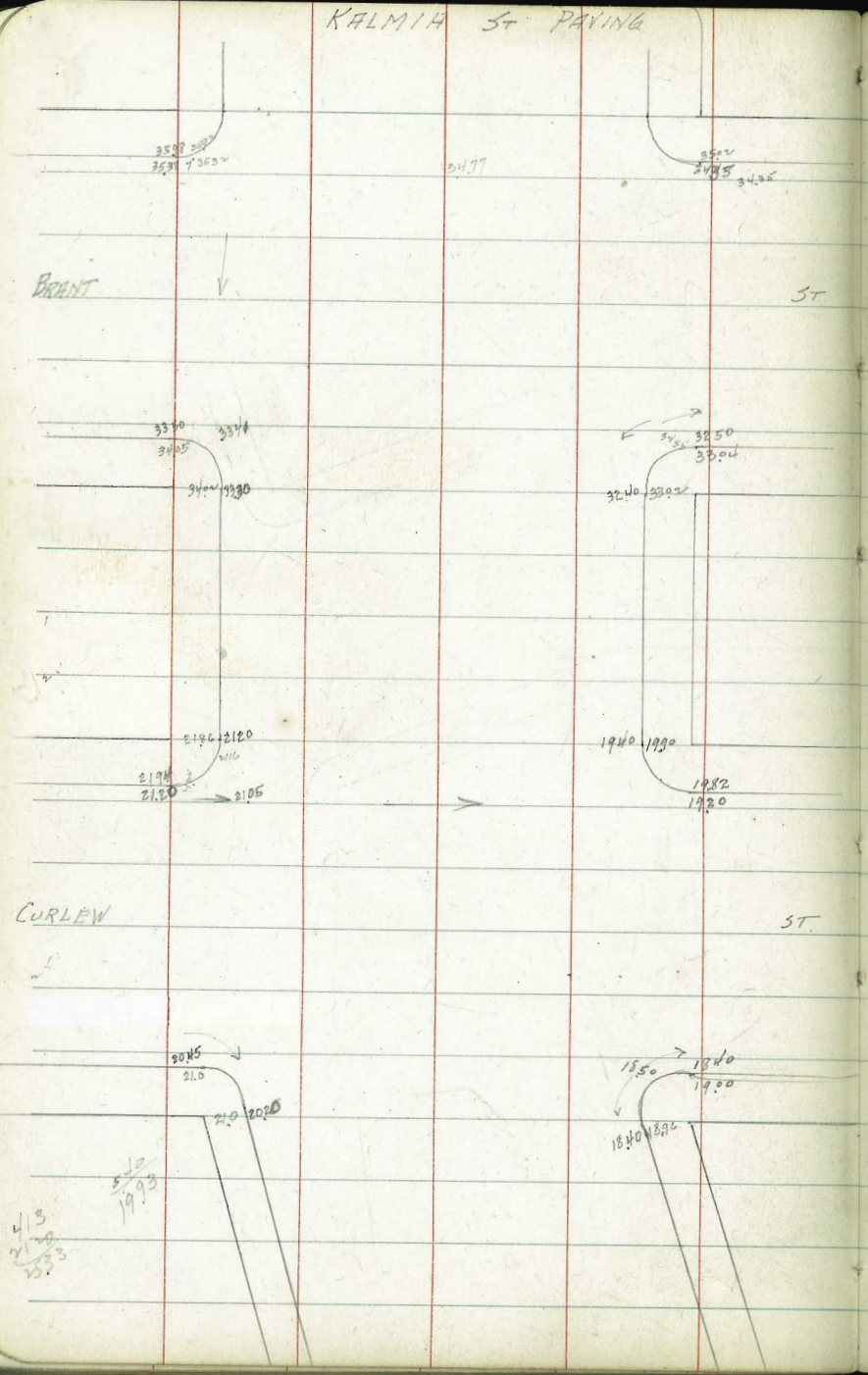


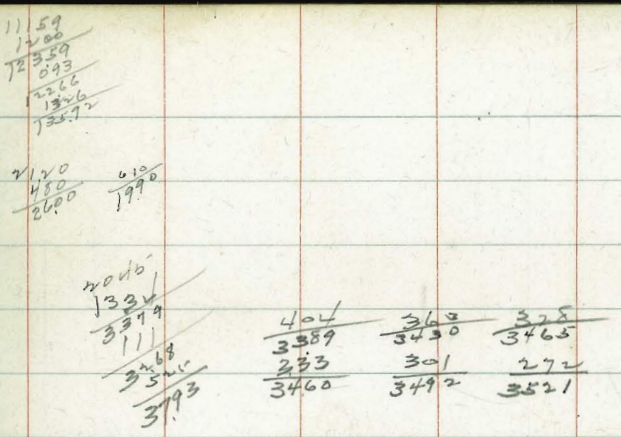
14.13
1.07
158.20

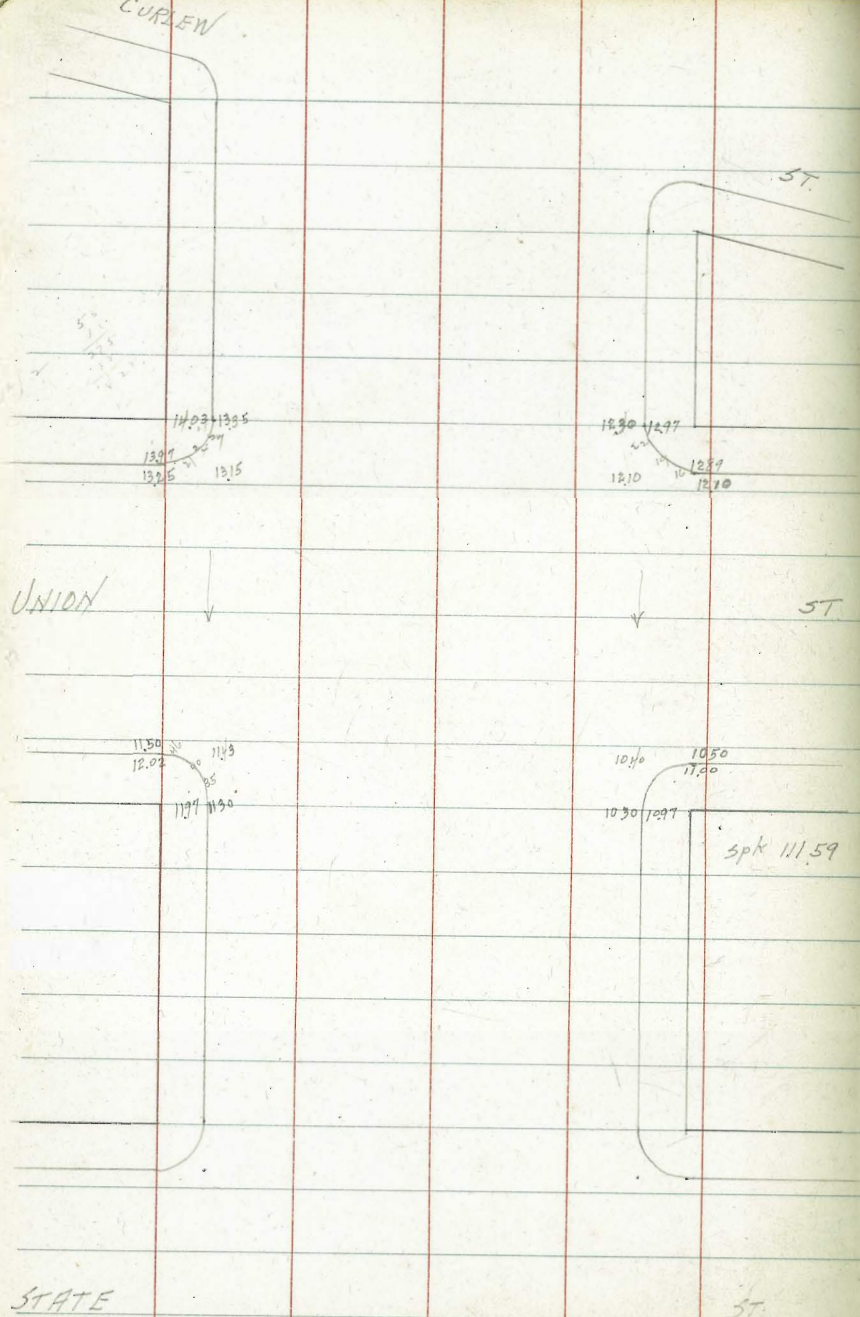
LAUREL ST PAVING



KALMIA ST PAVING







111.59
5.65
117.24

KALMIA ST PAVING.

B.P. 87.92

STATE ST

COLUMBIA ST

B.P. 63.01

INDIA

4687
+ 8.58
55.45
- 0.46
54.99
+ 12.64
67.63
- 5.13
67.50
+ 12.76
80.26
- 0.13
80.13
12.54
92.67

8793

3/22/23 Gregory GRADES IN ALLEY
BLOCK 6 CLEVELAND HGHTS

SL Robinson		267.86		268.09	
W 50 48 S	+1.0	266.79		266.98	+1.0
92.30 W	+1.0				
100 S		265.71		265.86	+1.0
11 W S	+1.0				
E 63 150	+1.0	264.64		264.94	+0.54
200	+1.0	263.57		263.62	+0.44
250 S	+1.0	262.5		262.5	0.0
300 S	+1.0	261.67		261.67	+0.27
350 S	-0.33	260.83		260.83	+1.0
400 S	0.0	260.0		260	+1.0
44 W S	-0.05	259.3		259.3	+0.15

267.06	6679	265.71	264.64	263.59	262.5	261.67
566	5.93	7.01	3.29	4.34	5.41	6.24
27272						
734						
265.38	6.02	6586	264.74	263.62	262.5	261.67
253	5.70	6.86	3.17	4.29	5.41	5.33
267.91						
597	260.83	260	259.3			
268.94	4.17	5.00	6.7			
3.06						
265.00						

3/23/23

GRADES ON SEA LANE
30' wide 5' cbs
property line to bc .1 above curb

	N. Prop.		S. Prop.	
W.L. La Jolla Blvd.	69.6		69.4	
50' W on N 46' W on S	+0.5	67.35	67.47	+0.3
100 " " 96 " "	+0.7	65.10	65.38	+0.3
150 " " 146 " "	+0.7 nail	62.85	63.28	+0.5
200 " " " El Olivetas on N	+0.9 nail	60.6		
El Olivetas on S			60.6	+0.9
WL " " N	+0.3	60.1		
WL " " S			60.1	-0.1
50' W. of Olivetas on N, 36' W on S	+0.3 on Olivetas	57.88	58.47	-0.1
116 " " " 101 " "	+0.3	55.00	55.53	-0.3
180 " " " " 166 " "			52.59	+0.2
// El Monte Vista on N	+0.6	52.1		
" " " " S			50.6	+0.4
WL " " N	-0.9	51.1		
WL " " S			50.1	-0.9

7186 Mon H 15 Sea Lane

0.58
~~0.44~~
1.22
60.22
1.97
61.97

67.47	65.38	63.28	606	601	
50	7.56	9.16	11.84	12.34	
4.7	6.76	8.26	10.9	12.0	
	5.3	0.5		0.1	
67.3	65.1	62.85	606	601	
5.1	7.3	9.59	11.84	12.34	
4.6	6.6	8.59	9.84	12.0	
.5	.7	.9		.3	

58.47	55.53		526	506	501
3.54	6.44		9.3	11.34	11.9
3.6	6.7		4.1	11.0	
57.88	550	521		511	
4.1	6.97	9.87		10.9	
3.8	6.6	9.27			
	.3				

3/28/23 Gregory. GRADES IN ALLEY BLK 285 UNIV. HGHTS

		N		5	
W.L. Richmond		294.79		294.72	
485 49.N. 50 W	+1.0	294.46		294.42	+1.0
100 W.	+1.0	294.14		294.11	+1.0
150 W	+1.0	293.82		293.81	+1.0
200 W	+1.0	293.5		293.5	+0.17
260.5. 250 W	+1.0	292.92		292.92	+1.0
300 W	+1.0	292.35		292.35	+1.0
350 W	+1.0	291.77 66		291.77	+1.0
400 W	+1.0	291.2		291.2	+1.0
450 W	+1.0	290.93 77		290.93	+1.0
500 W	0.0	290.66		290.66	+1.0
550 W	+0.24	290.4		290.4	+0.39
E.L. Vermont		288.79		288.72	

287.98 5 290.4 290.66 290.93 291.2 291.77 292.35 292.92
6.06 3.64 3.38 3.11 2.84 5.71 5.13 4.56
294.04 3.25 3.38 3.11 2.84 4.71 4.10
2.03 0.39 1.0 1.0 1.0 1.0
292.01 1.0
5.47
294.48 3.64 3.38
3.97 3.40 3.38
293.51 +0.24 0.0
5.00
299.11

292.35 292.92 293.81 294.11 294.42 5 W
3.98 5.61 5.30 5.00 4.69
5.44 3.72
0.17
293.82 294.14 294.46
5.29 4.97 4.65

GRADES IN ALLEY
BLOCK 215 Univ. Hgts.

N

480.5 = Wt. Vermont.		285.32	285.18	
420	+1.0	284.76	284.69	+1.0
360	+1.0	284.2	284.2	+0.26
300	+1.0	284.0	284.0	+1.0
250	+1.0	283.6	283.6	+1.0
200	+0.91	283.2	283.2	+0.33
150	+2.0	282.71	282.67	+0.18
100	+1.0	282.23	282.16	+1.0
50.	+0.84	281.74	281.63	0.0
EL. 10th		281.25	281.11	

285.98
3.28
289.26
5.53
283.73
4.93
288.65

N

	284.76	284.2	284	283.6	283.2	282.71
	4.50	5.06	5.26	5.06	5.45	5.94
	3.50	4.06	4.26		4.91	3.94
			+1.0			2.0
S	284.69	284.2	5.26	5.06	283.2	282.67
	4.57	5.06			5.45	5.98
	3.57	4.86			5.12	
		4.26			+0.33	
	284.23	281.74				
	6.42	6.91				
		8.07				
	282.15	281.62				
	6.50	7.02				
	3.50					
	1.0					

A 18TH. ST. PAVING ST

68.14 B.P.

B 66.90 66.45 6709 6699 6650 66.90 ST.

6649 6648

6593 6592

65.60 6550 6550 6560

6608 6608

6607 6540 6564 6546 6607 6596 6664 6540 6601

6042 6005 6043 6060 6050 6059 6026 6001 6063

5916 5910 5931 5960 5969 5957 5926 5903 5971

5836 5895 5849 5887 5892 5883 5947 5925 5900

5816 5849 5795 5813 5828 5827 5795 5774 5811

5754 5897 5776 5786 5755 5780 5753 5731 5798

5735 5870 5703 5749 5770 5767 5739 5715 5786

5611 5555 5629 5609

C ST

MAPLE ST PAVING.

6TH ST

BP. 255.48

BP.

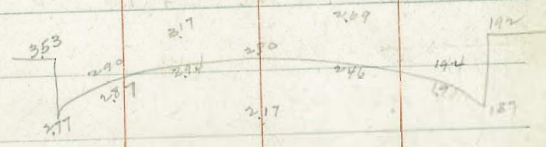
5TH ST

BP 255.41

ST.

4TH ST

BP 253.46



MAPLE ST

3rd ST

BP 2 49.91

2ND ST

BP 2 41.96

69

MAPLE ST

1ST

3T

BP 223.99

FRONT

3T

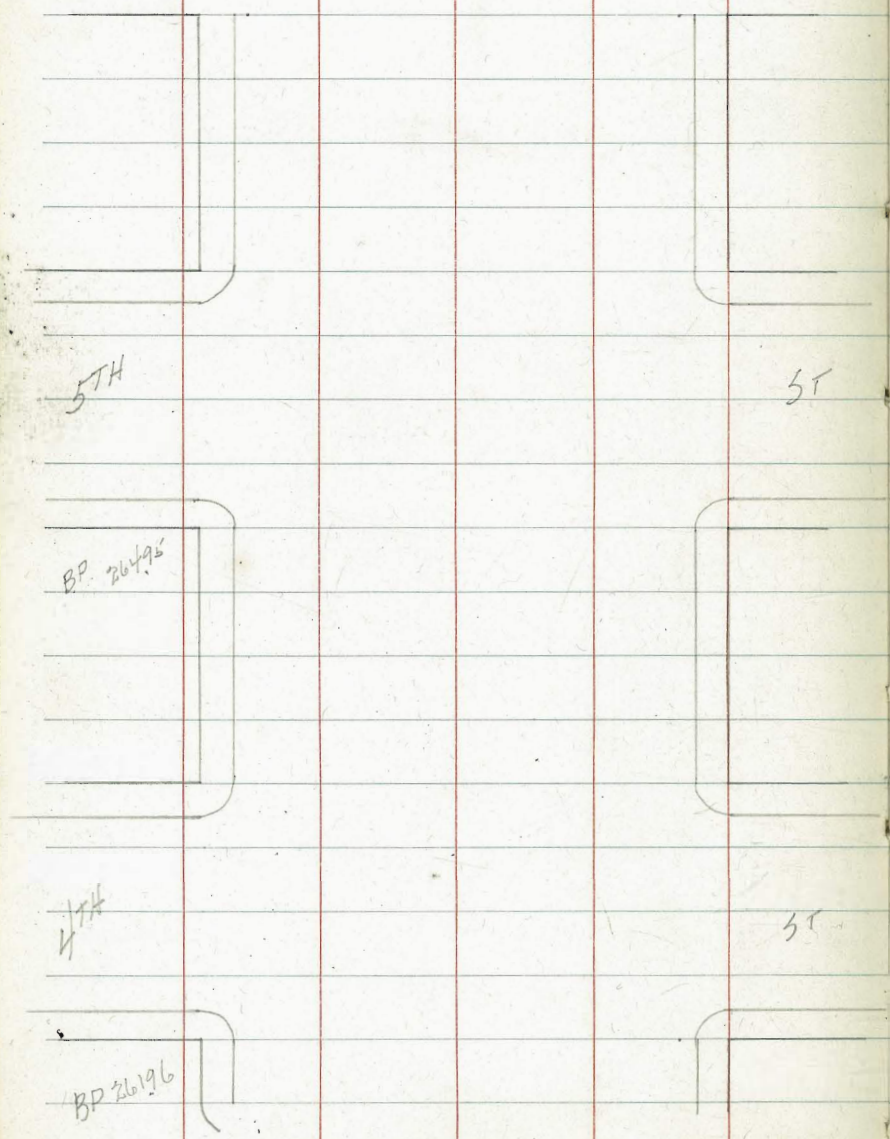
FLOATROSS

23.99
592
23.93

26.30
400
30.30

24.21
3.29
27.50

NUTMEG ST PAVING.



NUTMEG ST PAVING

3RD

5T

BP 25604

2ND

5T

BP 24594

— top of curbs is grade

1ST

5T

7V

MAPLE

Grades Alley Blk 3 Brookes

	W			E	
600' N.	+1.0	287.66		281.91	+2.0
550' N	+1.0	287.30		287.48	+1.0
500' N	+1.0	287.94	265	283.05	+1.0
450' N	+1.0	283.13		283.62	+1.0
400' N	+1.0	284.20		284.19	−0.70
350' N	+1.0	284.95		284.75	−1.05
295' N	+1.0	286.18		286.12	−0.80
240' N.	+2.0	287.50		287.50	−0.20
200' N	+2.0	287.74		287.76	+1.0
150' N	+2.0	288.08		288.08	+1.0
100' N	+1.0	288.41		288.41	+1.0
70' N	+1.0	288.60		288.60	−0.20
25' N.	+1.0	288.~~45~~ 30		288.~~45~~ 30	

N.L. Walnut.

27991 NW 5th + Brookes

E	28248 / 3.58	28305 / 3.01	8362 / 2.44 / 6.94	8419 / 6.37	8475 / 5.81	8612 / 4.44
	28230 / 3.76	28294 / 3.12	8358 / 2.48	8422 / 6.34	8485 / 5.71	8618 / 4.38
		26 / 3.44				
		8313 / 2.93				390 / 8592

8750 / 3.06 — 8776 / 2.80 — 8808 / 2.48 — 8848 / 5.29 — 8841 / 5.26 — 8860 / 5.07 — 8846

8830 / 1.50

8064

170) 1100 / 1020 / 800

0064 / 2560 / 192

815 / 3.19 / 64

3 / 284 / 67

73

4/18/23

GRADES IN ALLEY
BLK 5 CLEVELAND HGHTS

SL Robin		W		E	
50' S	0.0	271.0		271.0	-0.32
100' S	+1.0	269.8		269.8	+1.0
150' S	~~+1.0~~ +0.3	~~268.6~~ 269.1		~~268.8~~ 269.3	~~+2.0~~ +1.5
200' S	~~+1.0~~ +1.37	~~267.97~~ 268.6		~~268.17~~ 268.8	~~+2.0~~ +1.37
250' S	~~+0.36~~ -0.39	~~267.35~~ 268.1	267.6 / 267.92 / 88	~~267.55~~ 268.3	~~+2.0~~ +1.25
300' S	~~-0.66~~ -1.54	~~266.72~~ 267.6	267.6 / 267.92 / 88	~~266.92~~ 267.8	+2.0 +1.12
350' S	+1.0	~~266.10~~ 267.1		~~266.8~~ 267.3	~~+2.0~~ +1.0
400' S	~~+1.0~~ +0.87	~~265.47~~ 266.6		~~265.67~~ 266.8	~~+2.0~~ +0.87
450' S	~~+1.0~~ +1.35	~~264.85~~ 265.5		~~265.05~~ 265.7	+2.0 +1.35
500' S	~~+1.0~~ +0.82	~~264.22~~ 264.4		~~264.42~~ 264.6	~~+1.0~~ +0.82
550' S	~~-1.18~~ -1.18	~~263.6~~ 263.3		~~263.8~~ 263.5	~~0.0~~ +0.3
600' S	-0.52	262.34		263.32	0.0

31 / 272.5

272.85 / 0.88 / 275.73

24

271.0 / 4.73	269.8 / 5.93	268.8 / 6.93	268.17 / 7.56	675.5 / 8.18	669.2 / 4.64	663 / 5.26	656.7 / 5.89

757.3 / 741 / 6.88 / 3.28 / 7.56 / 9.51 / 6.01 / 3.00 / 6.01

6505 / 6.51

64.22 / 7.34

638 / 7.76 / 9.42 / 7.96 / 1.48

924 / 623.2

268 / 2.33

6236 / 2.66 / 3.18 / 0.52

675.35 / 4.29 / 3.55 / 0.36

669.2 / 4.84 / 5.50 / 0.66

164 / 3.2

3/27/23 Gregory CROSS SECTION OF ALLEY BLOCK 9 15' wide
Brookes
bet 3rd + 4th Pennsylv. Brookes

	2.12	287.48		285.36	
		S.L. Pennsylvania			
	Grade Top of finish pave				
E	283.03		4.45	283.03	on cement curb
C	282.75		4.5	282.98	
W	282.97		4.51	282.97	on cement curb
		44.5' S			
-4			4.74	282.8	= cement garage floor
W	282.79		4.7	282.8	
C	282.59		4.7	282.8	
E	282.89		4.7	282.8	
+0.1			4.3	283.2	= wood floor
		57' S			
E	282.86		4.74	282.7	= cement apron
C	282.55		4.6	282.9	
W	282.74		4.7	282.8	=
+4			4.74	282.7	= cement floor
		92' S			
W	282.60		4.90	282.6	= edge apron
C	282.43		4.6	282.9	

E	282.75		4.5	283.0	
		108' S			
E	282.70		4.55	282.9	wood floor
C	282.37		4.7	282.8	
W	282.53		4.6	282.9	
+3			4.5	283.0	dirt floor
Sta 1405 = Break in grade					
Sta 1405 East = 282.60					
" " " West = 282.4					
		156' S			
W	282.24		4.95	282.5	= cement floor
C	282.09		5.0	282.5	
E	282.44		5.2	282.3	
		186' S			
E	282.14		5.50	282.0	edge apron
C	281.79		5.7	281.8	
W	281.94		5.7	281.8	
		218' S			
-4.5			5.7	281.8	= garage dirt
W	281.62		5.7	281.8	
C	281.47		6.0	281.5	
E	281.82		6.0	281.5	
+2.5			6.0	281.5	= garage (dirt)

	finish Grade	259' S			
-5			6.4	281.1	=garage (dirt)
E	281.41		6.4	281.1	
C	281.06		6.2	281.3	
W	281.21		6.5	281.0	
+4.5			6.48	281.0	=garage. (cement)
2+80 = Break in Grade 2+80 { E = 281.20 W 281.00		300' S			
C	390	285.50	5.88	281.60	Manhole
		308' S			
W	280.94		4.00	281.5	garage 4' W. edge apron
C	280.80		4.2	281.3	
E	281.15		4.3	281.2	board floor garage 3.5 E
		342' S			
E	281.08		4.50	281.0	garage 3.6' E edge apron
		362' S			
E	281.05		4.40	281.1	garage 7' E edge apron
C	280.69		4.6	280.9	
W	280.82		4.66	280.8	cement floor
		387' S			
W	280.77		4.95	280.5	garage 6' W. 5' high edge apron
C	280.64		4.7	280.8	
E	281.00		4.23	281.3	cement floor

81.10

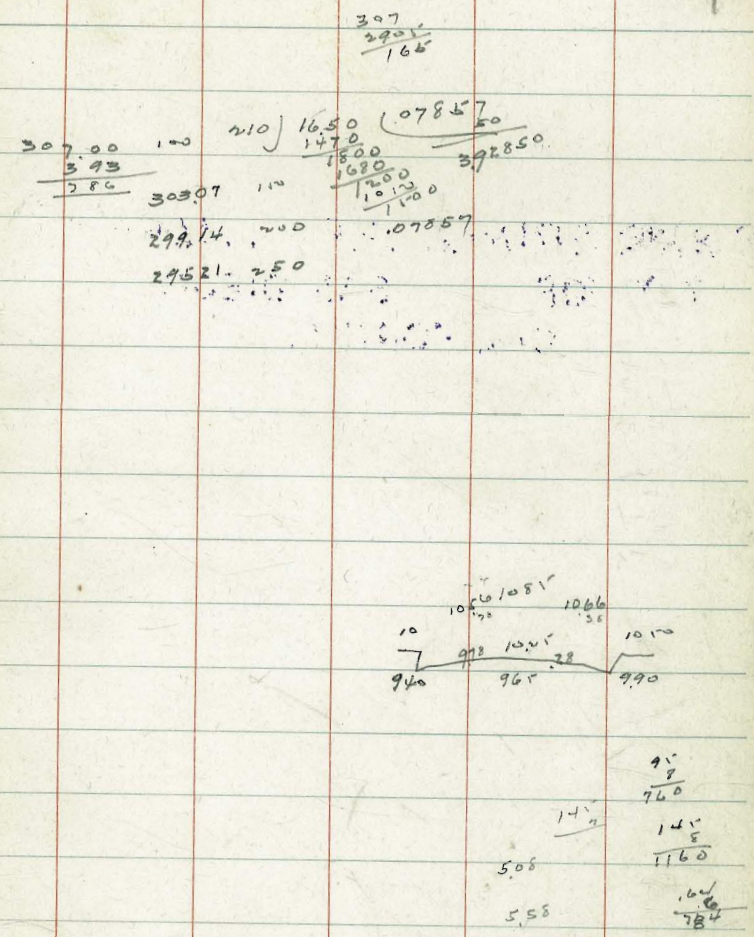
		410' S			
E	280.96		4.3	281.2	
C	280.59		4.7	280.8	
W	280.72		5.08	280.4	garage 5.5 W level. edge apron
curb is 1' wide on Top. curb is on W. side		459' S = N. end of cement curb			elev. = 281.10 projects 1' in alley
W	280.61		5.0	280.5	
C	280.49		4.8	280.7	
E	280.86		4.37	281.1	edge apron
		473.6 = S. end of above curb			elev. = 281.10
		485' S			
W	280.55		4.77	280.7	edge apron
		535' S			
E	280.72		4.5	281.0	
C	280.33		4.6	280.9	
W	280.44		4.8	280.7	
		585' S			
W	280.33		4.5	281.0	
C	280.23		4.7	280.8	
E	280.63		4.3	281.2	
		600' S			
E	280.60		4.60	280.9	on cement
C	280.20		4.9	280.6	
W	280.30		4.85	280.6	✓ ✓

2/19/23	Gregory Moore Miller Shaw	CROSS SECTION OF NUTMEG ST from WL. of 29th St To 127' West		from 31.80' width to 32.15' ✓	
	1.17	291.13		289.96	
		W.L. 29th			
N			1.1	290.0	
8' S			2.3		
16' S			2.7		
24' S			2.7		
S			2.7	288.4	
		8' W.			
S			1.8	289.3	
8' N			3.1		
16' N			2.9		
24' N			2.4		
30' ✓			1.8		
N			1.3	289.8	
		45' W			
N			1.7	289.4	
1' S			2.5		
8' ✓			3.2		
16' ✓			3.6'		

24' S		3.9		
29' S		4.2		
S		2.5	288.6	
	65' W			
S		5.5	285.6	
8' N		4.7		
16' ✓		4.4		
24' ✓		3.9		
N		3.0	288.1	
	100' W			
N		4.6	286.5	
8' S		5.9		
16' ✓		6.5		
24' ✓		7.2		
S		8.0	283.1	
	127' W			
S		10.8	280.3	
8' N		9.5		
16' ✓		8.3		
24' ✓		7.2		
N		7.0	284.1	

2	2911.3			
	135' W			
N		7.2	2839	
8'S		8.2		
16'S		9.1		
24'S		10.7		
S		11.3	279.8	

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.



Gregory. Final on Juniper St

"80"

4th to 5th	10,511.34
5th to 6th	9,080.88
3rd to 4th	10,391.08
Int 3rd	OK 5701.8
2nd to 3rd	10,392.25
Int 2nd	15 OK 56.86.8
1st to 2nd	10,406.62
Total	62,170.77

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

culated by Julien A. Hall, M. Am. Soc. C. E.

GRIMES STATIONERY CO. DRAWING MATERIALS LOS ANGELES, CAL.