1536

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter *"F"* to catalog number.

THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

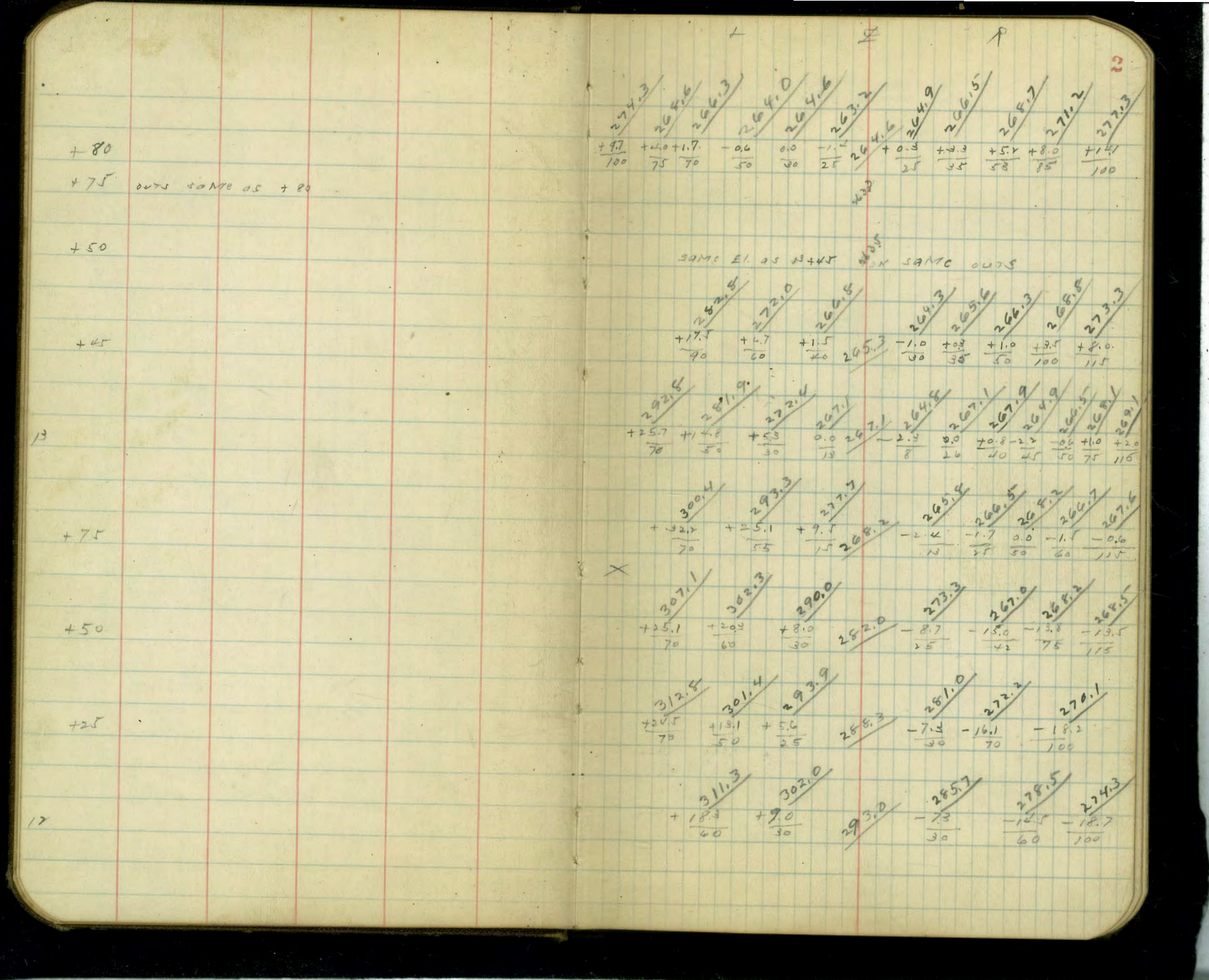
Indexed
ask.

Hand Level x sec
Prop. Ext. of 54th ST.
see 1402-69
for E El.

Move
Sisson
New Base
11-19-34

1

	316.0	308.9		390.2	284.7
+65	+19.6	+10.5	298.4	-8.7	-14.7
	00	60		40	85
	322.9	316.9		293.0	288.9
+50	-9.3	+14.6	303.6	-10.6	-14.7
	60	30		20	80
	329.9	324.0		303.4	295.5
+28	+15.5	+9.6	314.4	-11.0	-18.9
	45	30		30	75
11	334.0	331.3		311.9	303.4
	+12.9	+10.2	321.1	-7.2	-17.3
	20	30		30	70
	350.9	345.3		329.0	322.4
+30	+14.3	+8.7	336.6	-7.6	-14.2
	40	30		30	75
	357.2	351.0		336.8	329.7
+19.7 old hub	+12.4	+6.2	344.52	-8.0	-15.1
	40	20		30	65
	361.2	353.3		338.6	332.1
10	+13.4	+5.5	347.4	-9.2	-15.7
	40	20		30	60
	366.5	359.0		343.6	336.2
9+50	+13.2	+5.7	353.3	-9.7	-17.1
	70	20		30	60


+80
+75
outs same as +80
+50
+45
13
+75
+50
+25
17
same El. as 13+45 on same outs

+50

271.6 | 276.4 | 279.3 | 270.0 | 275.7 | 279.7 | 289.5 | 295.5
-2.4 | +2.8 | +5.8 | -4.0 | +1.7 | +5.7 | +15.5 | +21.5 | +28.3
105 | 80 | 40 | 20 | 274.0 | 18 | 25 | 50 | 70 | 90

+34

257.4
-20.2
115

267.3 | 273.5 | 275.3 | 267.7 | 274.6 | 280.6 | 288.4 | 293.4
-10.7 | -4.5 | -2.7 | -10.3 | -3.4 | +2.6 | +10.4 | +15.4 | +21.1
100 | 70 | 52 | 35 | 21 | 278.0 | 20 | 50 | 70 | 90

X

15

261.1 | 258.6 | 260.4 | 263.3 | 274.6 | 279.7 | 287.1 | 292.2
-14.5 | -17.0 | -15.2 | -12.3 | -1.0 | +4.1 | +11.5 | +16.6 | +22.2
115 | 95 | 65 | 37 | 6 | 275.6 | 25 | 50 | 70 | 90

261.8 | 262.0
-5.2 | -5.0
115 | 90

259.5 | 260.6 | 262.4 | 261.3 | 261.2 | 262.7 | 273.8 | 284.2 | 288.2
-7.5 | -6.4 | -4.6 | -5.7 | -5.8 | -4.8 | +6.8 | +17.2 | +21.2
85 | 70 | 68 | 43 | 25 | 22 | 267.0 | 15 | 50 | 70

+71.82 B.C. RT.

262.3 | 262.4
-1.5 | -1.4
115 | 100

262.5 | 260.9 | 261.2 | 263.5 | 262.0 | 263.4 | 272.2 | 275.2 | 287.9
+1.0 | -2.9 | -2.6 | -0.3 | -1.8 | -0.4 | +8.4 | +11.4 | +24.1 | +27.6
80 | 75 | 60 | 50 | 10 | 6 | 263.8 | 28 | 40 | 80 | 90

+50

+40 SAME EL. ON OUTS AS +35

X

262.4 | 262.5 | 262.8 | 260.6 | 261.3 | 263.4 | 265.6 | 273.6 | 286.7
+0.3 | +0.4 | +0.7 | -1.3 | -0.8 | +1.7 | +3.6 | +11.7 | +24.6
115 | 100 | 70 | 50 | 35 | 262.1 | 2 | 15 | 45 | 90

+35

272.0
+7.9
110

269.1 | 269.9 | 264.5 | 263.7 | 262.6 | 262.7 | 263.4 | 264.8 | 272.0 | 275.3 | 285.3
+5.0 | +1.8 | +0.4 | -0.4 | -1.3 | -1.4 | +0.7 | 262.1 | +0.7 | +7.9 | +12.2 | +22.1
100 | 80 | 66 | 38 | 35 | 15 | 13 | 20 | 50 | 70 | 100

14

+50

18

+69.11 EC.

+50

17

+50

+20

16

349.7	346.1		335.6	328.5	317.1	320.2		
+8.1	+4.2	341.6	-6.0	-13.1	-24.5	-21.2		
50	25		25	50	72	80		
340.7	337.0	332.9	329.5	325.7	318.8	308.7	312.7	
+7.3	+4.1		-3.1	-7.2	-14.1	-24.2	-20.2	
50	25		25	50	70	80	90	
334.0	331.2	325.0	324.5	319.2	316.1	304.9	311.9	
+4.0	+2.2		-3.5	-8.8	-11.9	-24.1	-16.1	
50	25		25	50	60	80	90	
329.5	327.2	324.5	320.4	315.0	306.4	302.4	306.5	
+5.0	+2.7		-4.1	-9.5	-18.1	-22.1	-18.0	
50	25		25	50	75	85	90	
318.3	318.4	315.4	313.3	306.8	300.0	292.0	300.3	
+1.0	+1.1		-2.0	-10.5	-17.3	-25.3	-17.0	
60	50	317.3	25	50	72	80	90	
306.7	310.0	311.0	305.1	296.5	290.7	294.8	300.4	
-0.7	-0.4	+0.6	-5.0	-13.6	-19.7	-15.6	-10.0	
75	50	25	40	60	71	80	90	
295.7	300.3	304.5	298.5	292.3	287.5	294.5		
-8.3	-3.7	+0.5	-5.5	-11.7	-16.5	-9.5		
80	50	25	25	50	65	80		
285.1	287.0	291.4	294.7					
-10.0	-8.1	-3.7	-0.4	295.1	291.1	280.7	285.1	294.1
90	80	50	25		30	69	72	80	90

4 8 1P

403.3	396.3	391.9	390.1
+9.7 / 50	+4.7 / 25	393.6	−1.7 / 25	−6.5 / 50
394.1	389.9	383.1	381.6
+8.5 / 50	+4.8 / 25	385.6	−2.5 / 25	−4.0 / 55
386.2	385.4	377.3	374.1
+5.4 / 50	+4.6 / 25	380.6	−3.5 / 25	−4.7 / 60
388.0	381.9	373.3	369.8
+11.1 / 50	+5.0 / 25	376.9	−3.6 / 25	−7.1 / 60
381.7	375.9	365.3	360.1
+11.2 / 50	+5.4 / 25	370.5	−5.2 / 25	−10.4 / 60
374.6	368.9	357.8	351.8	346.4	341.7
+11.7 / 50	+6.0 / 25	362.9	−7.1 / 45	−11.1 / 55	−16.5 / 73	−21.2 / 80 Bot.
369.3	364.0	349.3	339.3	332.3
+12.5 / 50	+7.2 / 25	356.5	−7.5 / 25	−17.5 / 58	−24.5 / 70 Box width
360.6	356.1	341.4	335.2	322.7	327.0
+11.2 / 50	+6.7 / 25	349.4	−8.2 / 25	−13.9 / 46	−26.9 / 67	−22.6 / 75

22

+50

+22.73 BC Pt.

21

+50

20

+50

19

+63.47 = E.C.

+50

24

+75

+50

+25

23

+50

L C P

400.0 − 9.2 / 60

404.7 − 4.7 / 25

409.2

411.0 + 1.8 / 25

413.9 + 4.7 / 60

400.7 − 9.5 / 60

406.4 − 3.8 / 25

410.2

411.4 + 1.2 / 25

413.2 + 3.0 / 60

409.8 − 3.7 / 60

411.5 − 1.0 / 25

412.5

413.2 + 0.7 / 25

413.5 + 1.0 / 60

412.1 + 2.0 / 55

413.1 − 1.0 / 25

414.1

413.4 + 0.7 / 25

414.1 + 0.0 / 60

415.0 − 1.5 / 55

413.6 + 0.4 / 25

413.5

412.2 − 1.8 / 25

411.2 − 2.3 / 55

413.4 + 0.7 / 55

413.0 − 0.7 / 25

412.7

410.3 − 2.4 / 25

408.7 − 4.0 / 55

411.6 + 2.0 / 55

413.1 + 2.5 / 20

409.6

408.3 − 1.3 / 25

407.3 − 2.3 / 55

409.3 + 4.1 / 50

407.2 + 2.0 / 25

403.2

399.5 − 3.7 / 25

398.1 − 5.1 / 50

+75

+50

27+03.71 B.C. = C.L.V. ✓

B.M. 11.73 394.88 383.15 old B.C. Hub

+50

26

+50

25

L ∠ P

7

376.6 — 18.9 / 60

373.1 — 21.8 / 40

378.6 — 16.3 / 25

367.6 — 7.0

391.9 — 3.0 / 25

395.7 — +0.8 / 50

372.9 — 22.0 / 60

368.7 — 26.1 / 45

374.3 — 20.6 / 25

376.5 — 18.2 / 25

353.7 — 11.0

389.5 — 5.2 / 25

394.6 — 0.3 / 50

361.7 — 33.2 / 60

369.5 — 25.1 / 45

376.8 — 18.1 / 25

383.5 — 11.40 Hub

388.5 — 6.2 / 25

393.4 — 1.5 / 50

394.88

376.4 — −11.6 / 60

382.1 — −5.3 / 25

387.4

391.8 — +4.2 / 25

397.6 — +10.2 / 60

380.4 — −10.7 / 60

386.1 — −5.0 / 25

391.1

395.6 — +4.5 / 25

402.8 — +11.7 / 60

387.0 — −10.2 / 60

392.5 — −4.7 / 25

397.2

401.2 — +4.0 / 25

407.4 — +10.2 / 60

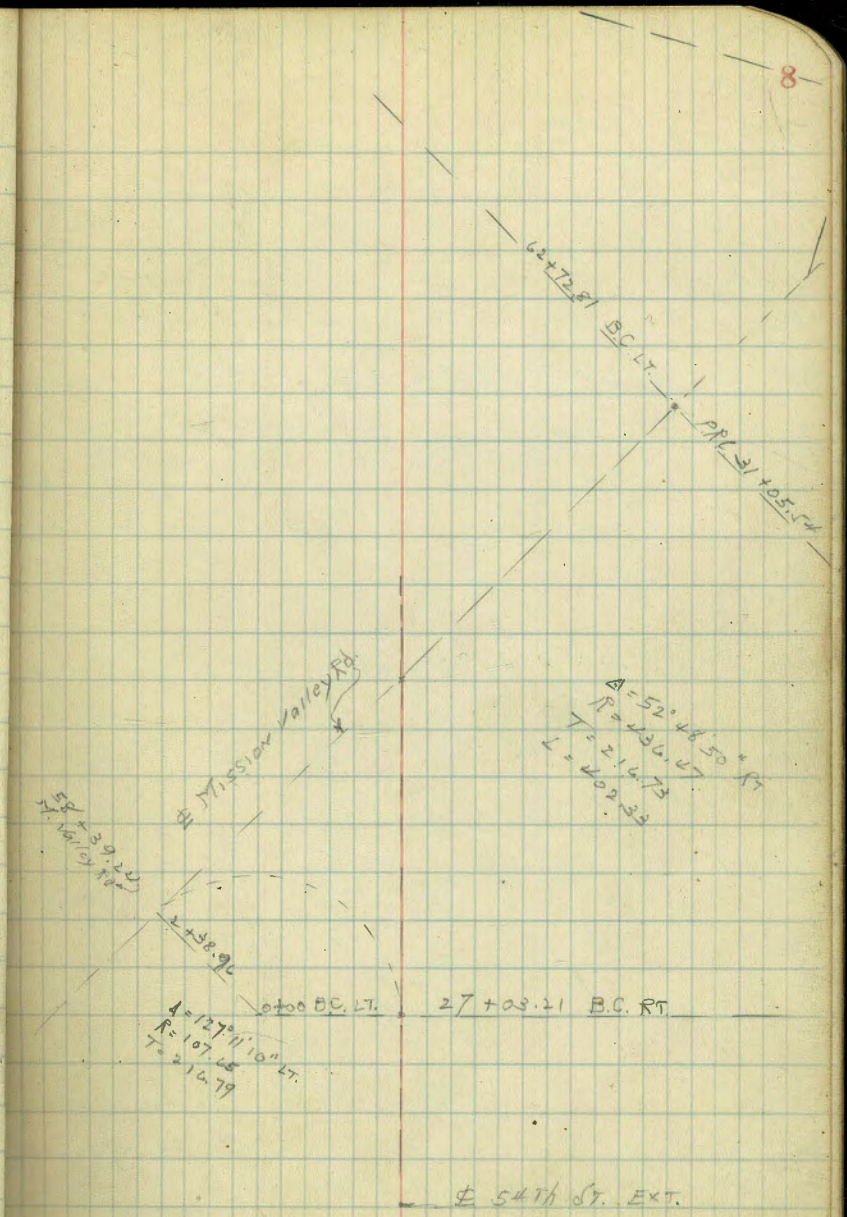
394.6 — −8.3 / 60

399.3 — −3.6 / 25

402.9

406.9 — +4.0 / 25

413.4 — +10.5 / 60


62+72.81 B.C. LT.
PRC 31+05.44
Δ=52°48'50" Rt.
R=436.47
T=214.73
L=402.33
℄ Mission Valley Rd.
58°39'24" Rt. Valley Rd.
2+98.96
0+00 B.C. LT.
27+03.21 B.C. RT.
Δ=127°11'10" Lt.
R=107.65
T=214.79
℄ 54th St. Ext.

+25				
T.P.	1250	430.07	0.69	417.51
29				
TP	11.90	418.20	0.69	406.80
+75				
+50				
T.P.	1271	406.99	0.60	394.28
28				
		394.88		

408.0 / 22.1 / 40

405.4 / 24.0 / 25

415.3 / 14.8

418.3 / 11.8 / 20

421.0 / 9.1 / 50

430.07

407.0 / 11.2 / 50

403.6 / 14.0 / 25

401.4 / 16.8 / 15

406.4 / 11.8

413.5 / 4.7 / 25

417.4 / 0.8 / 50

418.20

401.00 / 6.0 / 50

398.3 / 8.7 / 40

393.5 / 13.5 / 20

402.6 / 4.4

409.6 / +2.0 / 25

414.2 / +7.2 / 50

392.4 / 14.6 / 50

386.9 / 20.1 / 35

390.1 / 16.9 / 25

398.1 / 8.9

404.7 / 2.3 / 25

407.6 / +0.6 / 50

406.99

380.5 / 12.4 / 60

378.3 / 14.6 / 40

383.3 / 11.6 / 25

390.2 / 4.7

395.7 / +0.8 / 25

400.7 / +5.8 / 50

394.88

62+72.81 Mission Valley Rd.					1498-74
21+05.54 on hub	P.R.C.		4.46	443.47	443.74 / 0.27
+75					
I.P.	8.26	447.93	2.71	439.67	
+50					
+25					
30					
+75					
I.P.	12.71	442.38	0.40	429.67	
29+50					
		43007			

441.5 / 6.6 / 45

441.3 / 6.6 / 25

440.3 / 7.6

439.7 / 8.2 / 25

438.8 / 9.1 / 50

447.93

440.3 / 2.1 / 45

439.9 / 2.5 / 25

438.6 / 3.6

438.5 / 3.9 / 25

437.0 / 5.4 / 50

436.2 / 6.2 / 45

436.9 / 5.5 / 25

436.2 / 6.2

435.1 / 7.3 / 25

434.5 / 7.9 / 50

430.0 / 12.4 / 45

432.6 / 9.8 / 25

432.4 / 10.0

431.2 / 11.2 / 25

430.6 / 11.6 / 50

423.6 / 18.8 / 45

423.6 / 18.8 / 25

427.9 / 14.5

427.2 / 15.2 / 25

428.1 / 15.3 / 50

442.38

419.5 / 10.6 / 45

416.2 / 13.9 / 30

418.9 / 11.2 / 18

423.0 / 8.1

424.0 / 9.1 / 25

426.0 / 7.1 / 50

43007

Xsec at Lt. Wye 27+03.21 B.C. = 00

To 2+38.96 E.C. = 58+39.24 Mission Valley Rd.

TP	12.77	405.94	0.97	399.17	
+50					
+25					
1					
+75					
+50					
0+00	see p 7				
BM. old Hub	10.99	394.14		383.15	2712.90. old B.C. 1202-70

379.9 / 14.2 / 70 — 385.4 / 8.7 / 30 — 389.3 / 4.8 — 393.1 / 1.0 / 25 — 397.6 / +3.5 / 45

380.1 / 14.0 / 70 — 382.5 / 11.6 / 30 — 386.1 / 8.0 / 20 — 390.1 / 4.0 / 45

377.6 / 14.5 / 70 — 376.0 / 18.1 / 30 — 375.3 / 18.8 — 378.6 / 15.5 / 10 — 379.2 / 14.9 / 15 — 386.0 / 6.1 / 45

373.6 / 20.5 / 70 — 373.0 / 21.1 / 20 — 369.7 / 24.4 / 15 — 372.7 / 21.4 / 7 — 376.5 / 17.6 — 381.7 / 12.4 / 15 — 391.0 / 3.1 / 45

370.4 / 23.5 / 70 — 369.5 / 24.2 / 45 — 366.9 / 27.2 / 35 — 369.0 / 25.1 / 30 — 375.7 / 18.4 / 15 — 380.5 / 13.6 — 385.0 / 9.1 / 15 — 388.5 / 5.6 / 30 — 391.1 / 3.0 / 45

394.1

9.9 394.04 396.2 = 58 + 50 Sec 1498-72

℄ +38.94 EC

℄

+75

405.94

379.9 / 26.0 / 70

388.1 / 17.8 / 30

395.4 / 10.5 / 40

401.5 / 4.4 / 25

405.5 / 0.4 / 45

380.1 / 25.8 / 70

389.6 / 14.3 / 30

396.6 / 9.3

401.6 / 4.1 / 25

404.9 / 1.0 / 45

381.7 / 24.2 / 70

390.2 / 15.7 / 30

394.6 / 11.3

399.1 / 6.8 / 25

402.4 / 3.5 / 45

405.94

12-21-36 Adams Ave B. M. Levels
Mills Walker.

See F. B. 1296 – 30. B.M.s.

B.M. B.P.				✓ 370.87	S.E. 39th & Adams.
B.M. B.P.	5.40	394.65		✓ 389.25	S.W. 34th & Adams
T.P. Hydt.	3.04	396.50	1.19	✓ 393.46	S.E. Hawley 3rd & Adams
T.P. B.M. B.P.			3.94	✓ 392.56 = 392.78	S.E. Adams & Mansfield
B.M. B.P.	7.18	391.30		✓ 384.12	N.W. 34th St. & Meade Ave F.B. 1296-33
T.P.	3.62	391.81	3.11	388.19	
B.M. B.P.			3.10	✓ 388.71 = 388.36	S.E. 34th St & Monroe Ave
T.P.	5.70	393.32	4.19	387.62	
T.P.	5.45	394.53	4.24	389.08	
T.P. B.M. B.P.	5.40	394.93	5.00	✓ 389.53 = 389.25	S.W. 34th St. & Adams. Ave.
New T.P. B.M.	3.04	396.78	1.19	✓ 393.74	Fire Hydt S.E. Hawley & Adams. Ave
T.P. B.M. B.P.	3.61	396.45	3.94	✓ 392.84 = 392.78	S.E. Mansfield & Adams. Ave
T.P.	4.07	395.20	5.32	391.13	
T.P. B.M. B.P.	2.36	392.48	5.08	✓ 390.12 = 390.07	S.E. Wilson & Adams. Ave
T.P. B.M. B.P.	0.38	386.23	6.63	✓ 385.85 = 385.78	S.E. Cherokee & Adams. Ave.
T.P.	2.14	377.18	11.19	375.04	
T.P. B.M. B.P.	0.63	371.53	6.28	✓ 370.90 = 370.87	S.E. 39th St. & Adams. Ave.
T.P.	1.22	359.75	13.00	358.53	
B.M. C.T.L.P.			6.65	✓ 35310	S. 10' Line Adams. Ave & W. 6' Line of Terrace Drive.

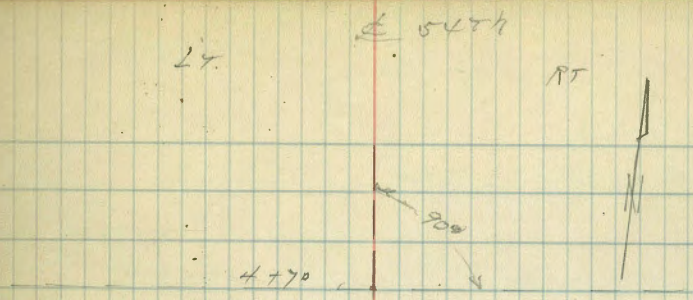
		359.75			
T.P.	8.44	367.59	0.60	359.15	
T.P. B.M. C.T.	2.62	361.12	9.09	✓358.50	C.T.L.P. in walk. S.E. 6' Pt. Edgeware Road. & Adams. Ave.
T.P. BM. C.T.	11.25	368.69	3.68	✓357.44	C.T.L.P. in walk S.E. 6' Pt. Biona Road. & Adams. Ave.
T.P. New BM. B.P.	6.03	365.92	8.80	✓359.89	N.W. Biona Drive & Madison Ave
T.P.	3.15	365.05	4.02	361.90	
T.P. New B.M. B.P.	4.70	363.69	6.06	✓358.99	S.W. Copeland. St & Palace Place
T.P.	7.63	368.29	3.03	360.66	
B.M. B.P			3.86	✓364.43 = 364.47	N.W. Copeland. & Meade Sts.
B.M. B.P	4.20	368.67		364.47	" " " " " "
T.P. BM. B.P.	6.09	369.04	5.72	✓362.95 = 363.09 (369.21 − 6.12)	State Highway Elev. U.S.G.S. Datum / City Datum — S.W. El Cajon & Copeland.
T.P. B.M. B.P.	3.77	367.33	5.48	✓363.56 = 363.56	S.W. El Cajon & Van Dyke. st.
T.P. B.M. B.P.	5.50	366.51	6.32	✓361.01 = 361.03	N.W. Orange Ave & Van Dyke.
T.P	2.52	365.06	3.97	362.54	
T.P. B.M. B.P.	5.13	363.40	6.79	✓358.27 = 358.25	N.W. Univ. Ave & Van Dyke St.
U.S.G.S. B.M. Standard. Plate			1.34	✓362.06 (c.y. Datum) − 6.12 = 368.18 U.S.G.S. Datum	Cor. Bank. Building N.W. Cor. University & Van Dyke. = 368.346

54th St. Culvert

Moore Division Northern 1-19-07

Culv. 4+70

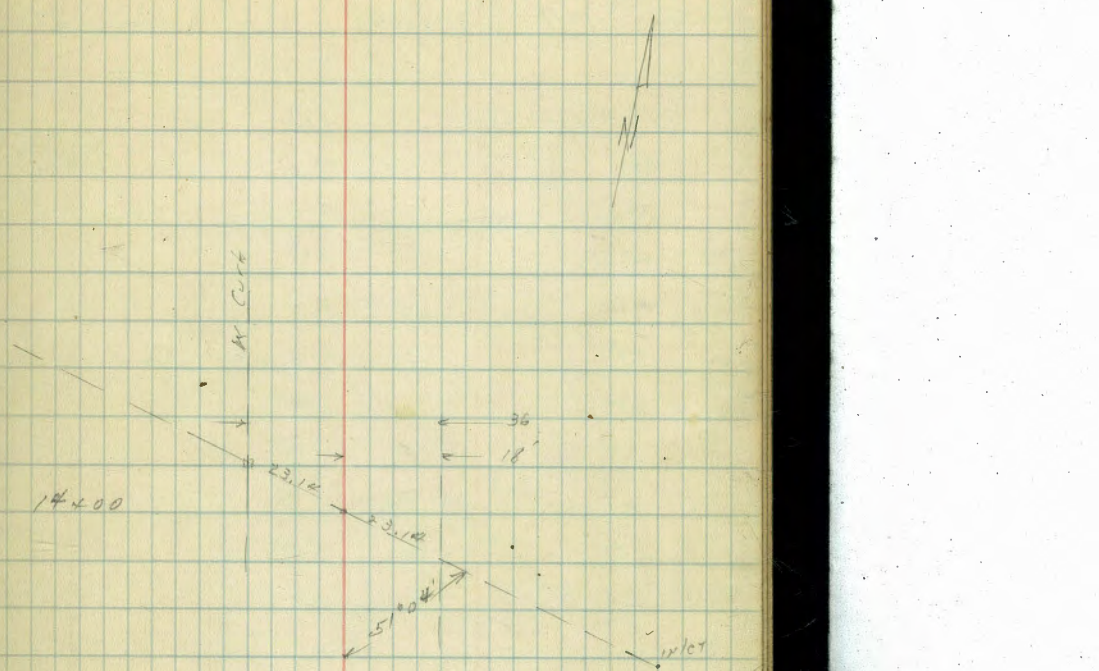
4+70					
4+43	1W. I.o	375.80		379.60	ground el.
51' Lt = INLET			+2.0	375.8	
35' Lt			7.7	366.1	
20 Lt			14.0	359.8	
℄			21.0	357.8	
20 Rt			28.2	345.6	
40 Rt			35.0	338.8	
60 Rt			40.2	333.4	
75 Rt			45.2	328.4	
95 Rt			47.2	326.4	
100 Rt			47.8	326.0	



54th St. Culv.
Sta. 14+00

BC.					
14+71.84	6.80	278.80		v 07.0	STUB
℄ 54th = 14+00			10.1	v63.7	
23.14 RT.			9.7	v64.6	
50 RT.			7.1	v66.7	
75 RT			7.4	v66.4	
100. RT			6.4	v67.4	
124 RT = Toe Slope		INLET	5.8	v68.0	
150 RT			4.5	v69.3	
177 RT.			2.8	v71.0,	
180 edge creek			4.3	v69.5	
190 ℄ "			4.4	v69.4	
23.14 LT = W ob			10.05	v63.7	
50 LT			11.3	v64.5	
75 LT			12.8	v61.0	
100 LT			13.8	v60.0	
108 LT			13.9	v59.9	
118 LT			11.9	v61.9	
132 LT = outlet			12.4	v61.6	

℄ 54th



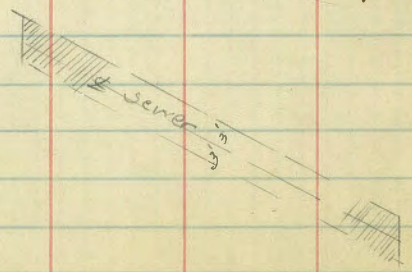
See FB. 1575/79.

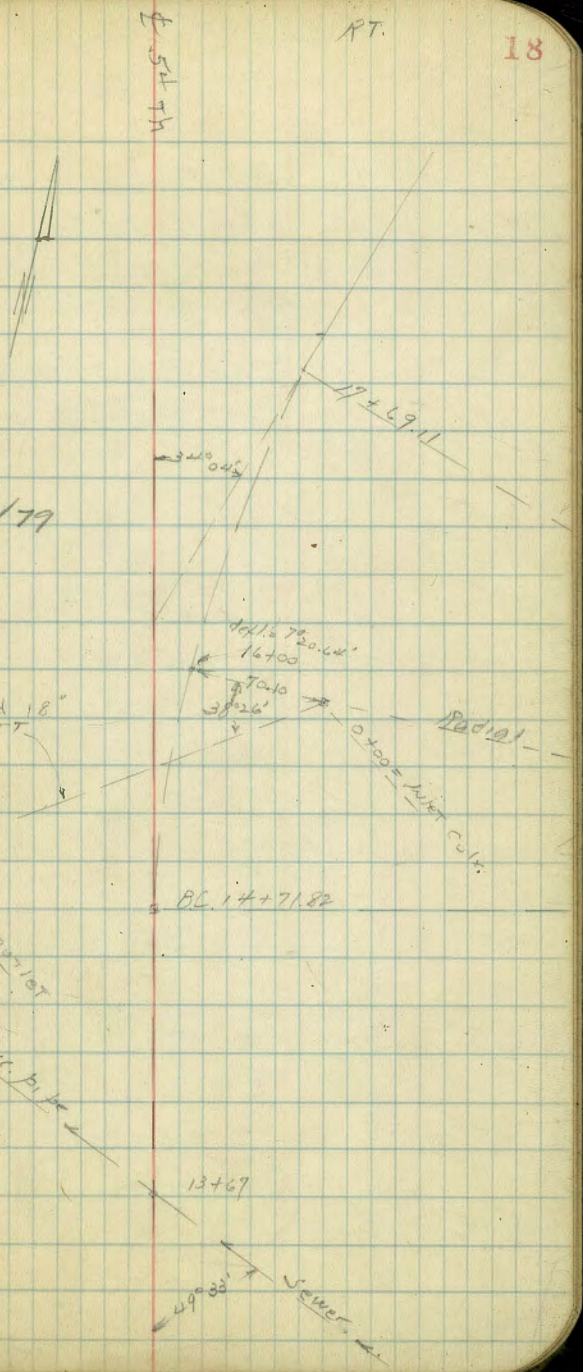
Ground Levels over
Ex. Sewer. 13+67 -54th St.

BC. 14+71.82	5.19	272.19	267.0	STUB B.M.
℄ 54th = 13+67		8.6		
45 Rt		7.8		
55 Rt		6.1		
75 Rt		3.9		
100 Rt		3.4		
125 Rt		3.0		
40 Lt		10.2		
50 Lt		8.5		
75 Lt		8.4		
100 Lt		9.9		
174 Lt		10.4		

Ex. sewer approx. 5' deep

Const. Rein. Conc. Slab over Ex. Sewer
might be O.K.





Prop. Culv. 18" pipe
Sta. 12+00

BS. 14+11.87	12.98	279.98		267.0	STUB
T.P.	12.68	292.39	0.27	279.71	
0+00 = Inlet Culv.					
0+07					
0+33					
+46					
0+50					
0+64					
0+73					
T.P.	0.7	280.43	12.68	279.71	
0+83					
0+94					
+96					

LT RT ℄ Culvert

292.39 = H.I.

290.0 / 2.4 / 2 — 286.4 / 6.3 — 285.0 / 7.4 / 3

291.1 / 1.3 / 5 — 289.7 / 2.7 — 284.6 / 7.5 / 3

285.8 / 6.6 / 5 — 285.0 / 7.4 — 280.4 / 12.4 / 4

279.9 / 12.5 / 3 — 278.4 / 14.0 = Arch — 279.4 / 12.0 / 3

277.6 / 14.5 = Arch

280.7 / 11.7

277.9 / 14.5

280.43 = H.I.

274.4 / 6.0 / 3 — 274.4 / 6.4 = Arch — 274.0 / 6.4 / 3

273.3 / 7.1 / 3 — 273.0 / 7.4 = Arch — 273.0 / 7.4 / 3

275.1 / 5.3

		280.43		
1+14				
1+38				
1+55				
T.P.	1.50	279.80	12.18	268.00
1+64				
1+88				
2+00				
2+04 = Outlet C.L.				

LT ← C.L. → RT

280.43 = H.I.

×74.5
5.9

×67.1
13.8
3

×66.1
14.3 = Ditch

×66.6
13.8
3

×64.7
15.7

279.80 = H.I.

×60.8
9.0

×60.3
9.5

×58.5
11.3 = Main creek

×60.9
8.9

6-19-37
Miller
Walker
Bliss

Survey Alley Blk. 60 Park Villas
Complaint of James E. Reeline 3320 Grimm St.
of Wall in Alley

3+00 offset in wall on W. { wall to N on W. Lin - Alley.
wall to S. 1.3' in Alley

∠ in Wall { S. End. conc. wall on W. 2.95 in Alley.
2+94.2 = { N. End. Brick wall on W. 2.95 in Alley.

2+79 Brick wall on W. = E. 95' in Alley.
2+79 ℄ Alley = W. edge Boundry St. Pavmt

on W.
2+62.3 = S. End. Brick wall, 2.95 in Alley.

1+00 = E. End. Brick wall, on W. 02 in Alley

0+84 N. End. Fence 0.1 in Alley

0+00 = N. Line Myrtle

Fd. C.

7

C.T.

Set

Wall

Indexed
C.S.K.

21

C.T.

7

Old Concr. wall on Alley Line

1.30'

3+00
Conc. steps

conc. wall in Alley

2+94.2
4.55'
2+79

Brick wall 2.95 in Alley

St.

St.

2+62.3

4.55'

Alley

Blk. 60 Park Villas

Fallon

7.5'

7.5'

90-06-30"

90-53-30"

90-06-30"

125.00

51.00'

10'

129.50'

212.43'

Set C.T.

Fd. C.T. L.P. Property cor.

Myrtle

St

51.00'

10'

C.T.

Set

129.50'

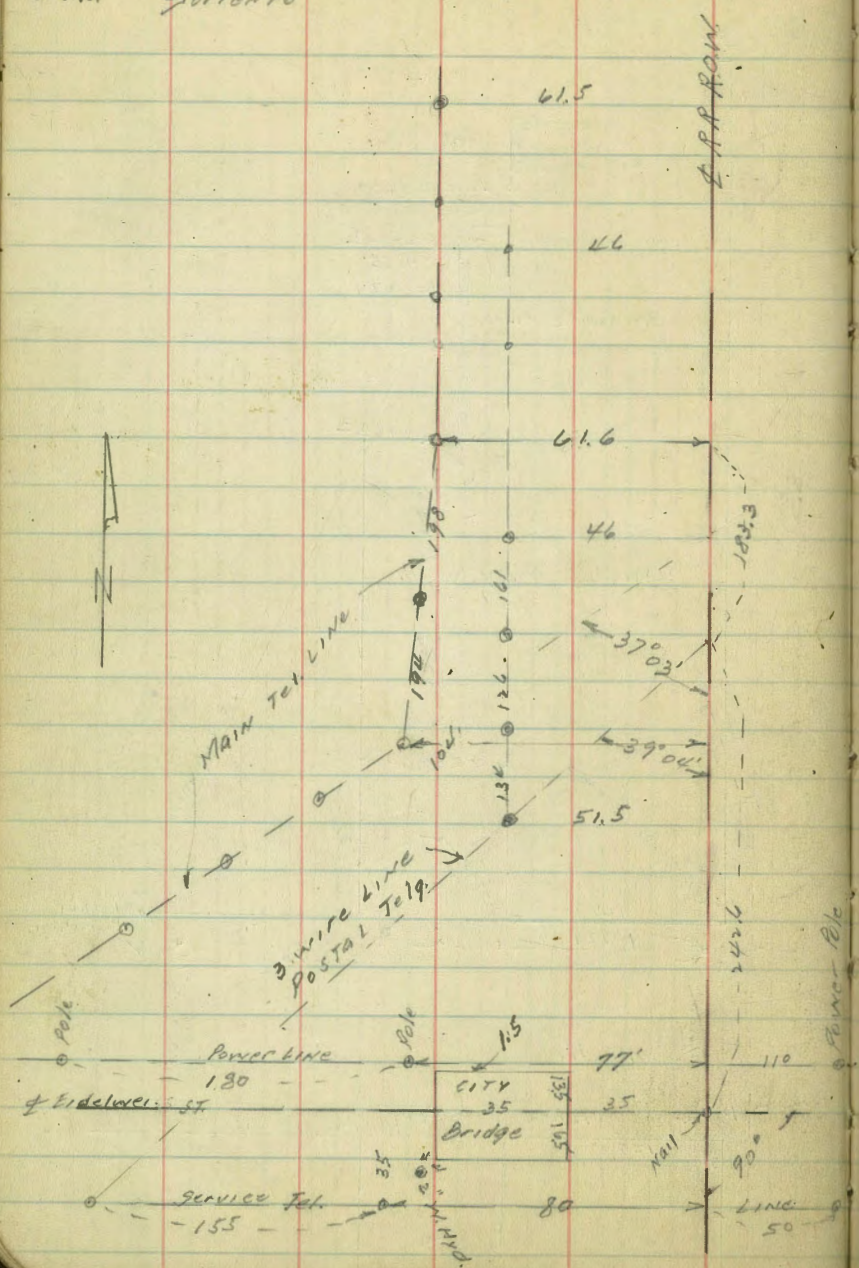
C.T. L.P. in Pav.

125.00'

Indexed
C.S.I.C.

Location of Tel. Lines etc at Eidelweiss & Santa Fe' R.R. Sorrento

Moore 3-30-39.



Indexed
C.S.K.

Moore
4-30-37

Survey for R.o.w. of Proposed
Storm Ditch. S.Ely line of
Baker Property = S.Fé. RR Sta. 1246+58.70
to N'wly towards Del Mar
see F.B. 1440 & F.B. #P = Edelweiss N'wly
to City Limit, Proposed Highway Survey
for Property Ties.

approx. 1000'
Mrs Delfendorf
wants this

width of Proposed ditch 50'
RR giving 20' of Wly RR. Row.
and private property 30'.

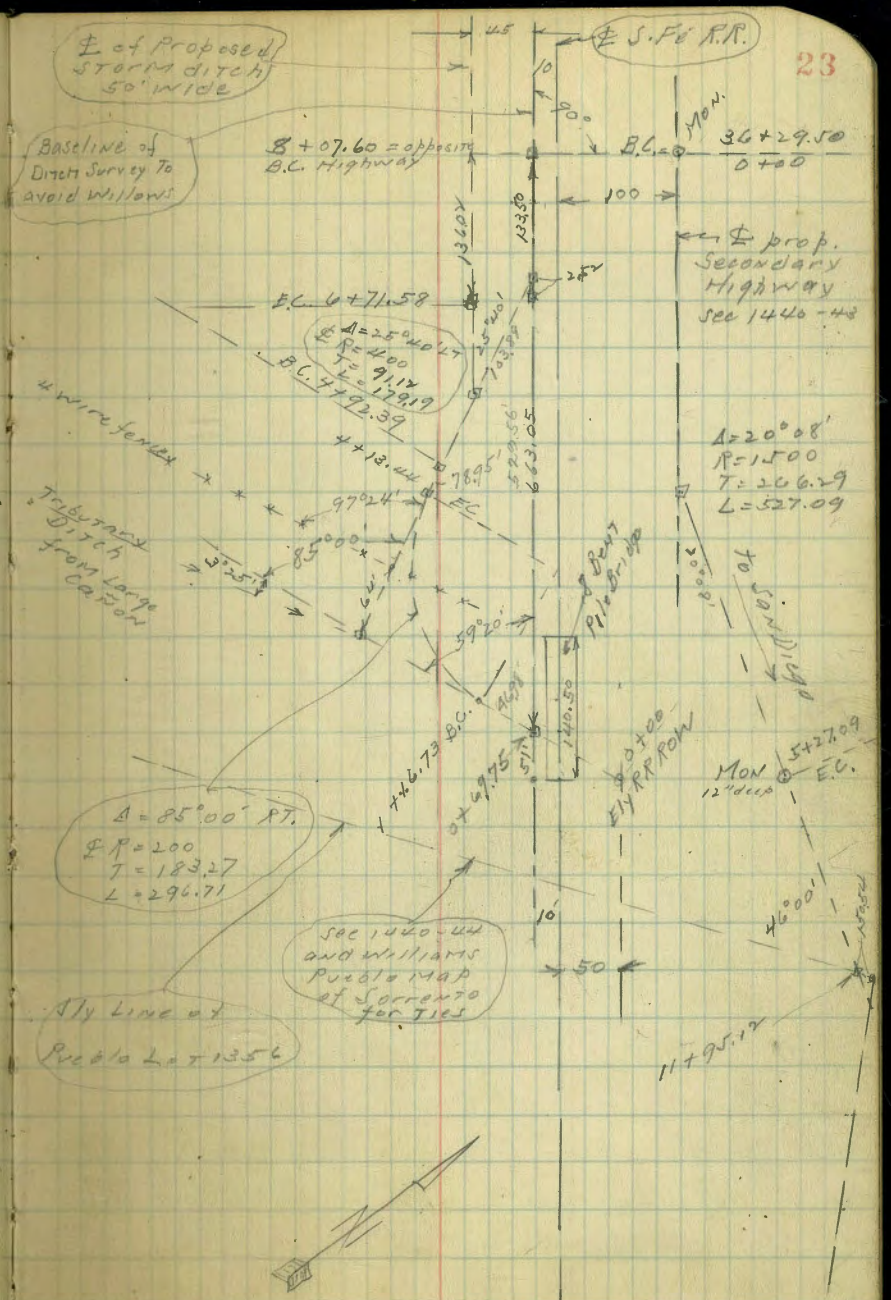
Santo Fé R.R. Sta. Ely end of Bridge = 1246+58.70

Indexed
C.S.K.

Location of Sycamore Trees

+93	Group 5	3-3', 2-1'	100' LT	E RR Track
27+45	Group 5	1-6', 2-3', 1-2', 1-1'	115 LT.	" "
+55	1 - 18" diam		125' LT.	" "
+45	1 - 24" diam.		125 LT	" "
+30	Group of 2	3' diam.	130 LT	" "
+20	Group of 2	1-1', 1-2'	130' LT	" "
26+10	Group of 4	1-4', 1-3', 2-1'	130 LT	" "
26+08	1	3' diam.	110 LT.	
+64	1 - 5' diam		104' LT.	" "
25+47	" Group of 4	1-5', 3-2'	146 LT.	" "
11+40	Sycamore 5' diam.		55' LT.	E RR Track

8+07.60 = Storm Ditch Sta.



5-3-37 Miller

Alley Blk 40 Resub. Blk H+I Teralta Orange to El Cajon bet. 33rd & Felton

See F.B. 1497-26. Re X. Sec. 15' Widy

BM.	5.55	379.80	374.25	S.W. 33rd & El Cajon
	0+00 = S. Line El Cajon Blvd.			
	0+50 S.			
W		5.2	374.6	
℄		5.3	374.5	
E		5.3	374.5	
	0+68.5 = N. End cmt. walk. on W.		0.65 in Alley	
E		5.5	374.3	
℄		5.5	374.3	
+6.85 N. End E. Edge cmt walk		5.57	374.23	
	0+78 = N. End. 3. garages on E			
E-10.2' floor		5.6	374.2	
E		5.7	373.9	
℄		5.7	374.1	
+6.9 = cmt. walk. E. edge		5.52	374.28	
	0+89.5 = S. End above cmt. walk. on 0.5 in Alley			
0.5' E of W. Line = S. End walk.	E. Side.	5.47	374.33	
℄		5.6	374.2	
E.		5.6	374.2	
	0+99 = ℄ 2' walk.		0.4 in Alley on W.	
7.1 W. of ℄ = ℄ walk	E. End.	5.46	374.34	
	1+04 = S. end 3. garages on E.			
TP.	4.55	378.80	5.55	374.25
E-10.2 = ground.			4.9	373.9
E			4.9	373.9

Indexed C.S.B.

378.80

25

℄		4.8	374.0
W		4.7	374.1
	1+09		
W-30.		5.2	373.6
W-2'		5.3	373.5
W.		4.9	373.9
℄		4.7	374.1
E		4.7	374.1
+3		5.1	373.7
+30		4.9	373.9
	1+40		
E-25'		5.1	373.7
E-2'		5.1	373.7
E		5.0	373.8
℄		5.0	373.8
W.		4.9	373.9
+3		5.4	373.4
	1+60		
W-3		5.4	373.4
W		5.3	373.5
℄		5.2	373.6
E		5.0	373.8
E+25		5.0	373.8

378.80

1+64 garage on w. cmt. floor 8' back

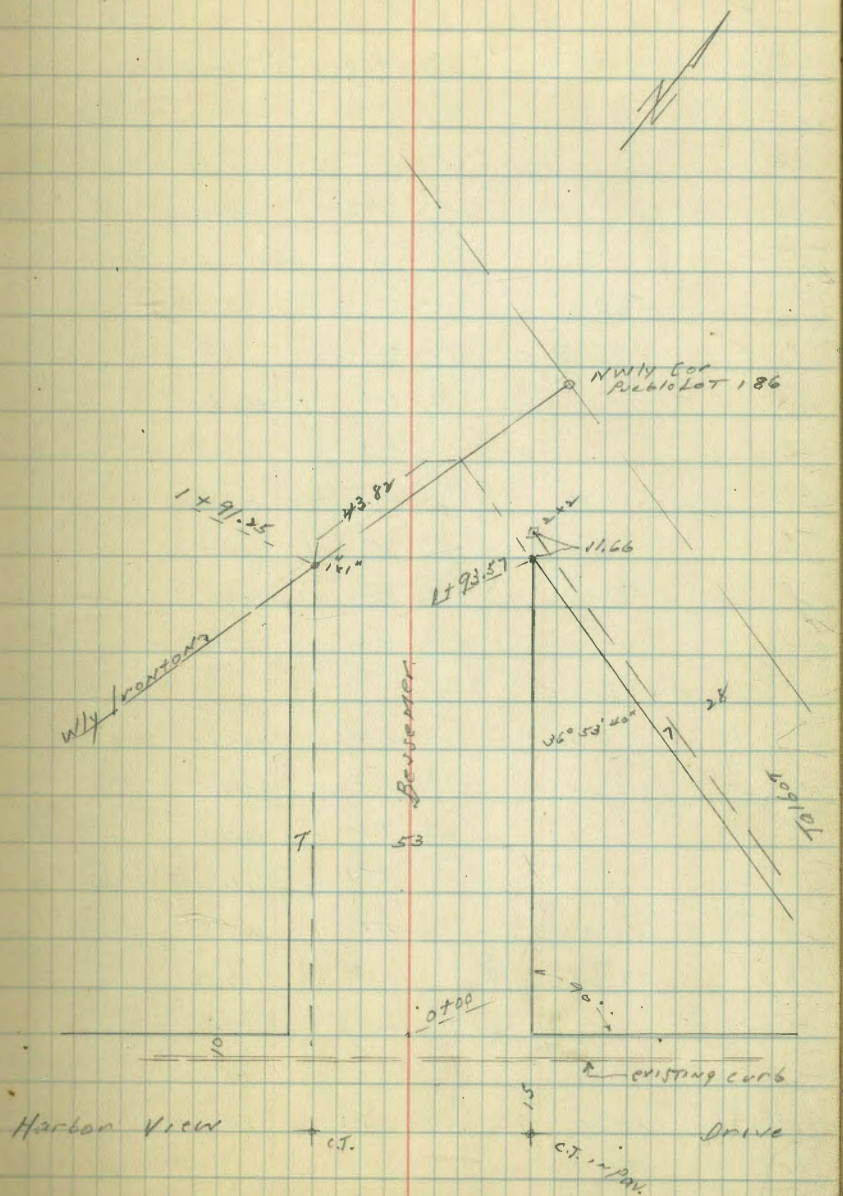
W-8' = floor	5.22	373.58
1+72		
E-3' = W. side House		
E	5.1	373.7
℄	5.1	373.7
W	5.5	373.3
+3	5.6	373.2
2+00		
W-30	4.1	372.7
W-3	4.0	372.8
W	5.4	373.4
℄	5.3	373.5
E	4.9	373.9
E+5	5.1	373.7
E+15	4.9	373.9
2+30		
E-10	4.9	373.9
E	5.1	373.7
℄	5.2	373.6
W	5.3	373.5
+2	5.8	373.0
+30	5.9	372.9

indexed
C.S.K.

Moore
V-13-47

Cross Sec. of Bessemer St. 60' wide
10' curbs
10' 1/4's
Harbor View Dr. to Talbot.

SW Top Curb	6.59	113.56		106.97	Bessemer Harbor View See Gr. Book
	0-10 = curb line				
S	par. in gut.		7.20	106.36	
cb			8.17	105.44	
1/4			8.94	104.60	
c			9.74	103.82	
1/4			10.56	103.00	
cb			11.37	102.19	
N			12.39	101.17	
	0-10				
S	Top curb		6.57	106.99	
cb			7.41	106.15	
1/4			8.24	105.32	
c			9.03	104.53	
1/4			9.90	103.66	
cb			10.69	102.87	
N			11.50	102.06	101.95
	0+00				
N			11.4	102.2	
cb			10.1	103.5	



		113.56		
1/4			9.6	104.0
c			8.6	105.0
1/4			7.7	105.9
cb			7.4	105.2
s			6.5	107.1
	0+05			
s			2.2	111.4
cb			3.5	110.1
1/4			5.8	107.8
c			7.7	105.9
1/4			9.2	104.4
cb			9.7	103.9
N			11.0	102.6
	0+25			
-5.			9.1	104.5
N			8.2	105.4
cb			7.2	106.4
1/4			7.2	106.4
c			5.2	108.2
1/4			3.8	109.8
cb			1.2	112.2
s			+0.5	114.1
T.P.	1309	126.60	0.05	113.51

		126.60		
		0+50		
s.			9.1	117.5
cb			10.2	116.6
1/4			12.5	114.1
C			14.9	111.7
1/4			16.5	110.1
cb.			14.8	109.8
N			18.2	108.4
	+10		20.4	106.2
	0+75			
-10			19.2	107.4
N			16.7	109.9
cb			14.8	111.8
1/4			12.6	114.0
c			10.9	115.7
1/4			9.3	117.3
cb			7.6	119.0
s			6.2	120.4
	0+90			
s			5.0	121.6
cb			5.9	120.7
1/4			7.0	119.6
c			8.9	117.7
1/4			11.3	115.3
cb			14.1	112.5
N			17.0	109.6
	+10		20.3	106.3

	1+10			
-10		26.8	99.8	
N		21.3	105.3	
cb		16.5	110.1	
1/4		13.0	113.6	
c		10.8	115.8	
1/4		6.9	119.7	
cb		4.7	121.9	
S		2.6	124.0	
	1+28			
S		2.5	124.1	
cb		5.8	120.8	
1/4		9.9	116.7	
c		13.5	113.1	
1/4		18.0	108.6	
cb		23.2	103.4	
N		27.2	99.4	
+15		33.2	93.4	
	1+63			
-15		40.5	86.1	
N		35.5	91.1	
cb		31.8	94.8	
1/4		27.1	99.5	
c		22.4	104.2	
1/4		16.5	110.1	
cb		12.5	114.1	

S			9.7	116.9	
T.P.	1.27	115.03	12.8 ±	113.76	
T.P.	0.93	106.07	9.9 ±	105.09	ON STUB 1+91.25
	1+91.25 to 1+93.57				
S			+1.5	107.5	
cb			2.0	104.0	
1/4			5.5	100.5	
c			9.8	96.2	
1/4			13.0	93.0	
cb			16.9	89.1	
N			24.4	81.6	
+15			25.4	80.6	
Sly Talbot & Pueblo Line to 1+91.25					
SL Talbot			24.0	82.0	
+5			17.1	88.9	
+10			15.8	90.2	
+20			11.4	94.4	
+30			7.4	98.4	
+43.87 on STUB			0.93	105.09	
SL Bessemer & Pueblo Line			+2.8	108.8	
T.P.	0.89	93.99 48	12.93	93.10 09	
T.P.	0.92	87.20 19	12.74	81.27 76	
T.P.	0.45	69.60 59	13.05	69.15 14	
T.P.	054	57.20 19	12.94	56.66	NW BP Talbot Fuergusen
check			-5.41	51.79 28	51.77

Moore 5-13-37

indexed C.S.K.

Cross Sec. Whiting CT. 10' wide.

Ocean walk to Bayside walk

B.M. B.P.	2.35	9.43		7.08	York C.T. & Sea wall
T.P.	3.77	8.42	4.78	4.65	C.T. 0-8 Whiting C.T.
		OO = Ely edge cent. Ocean walk			
S			2.76	4.66	
C			3.75	4.67	
N			3.77	4.65	
		0+12			
N	sand		4.1	4.3	
C	"		4.0	4.4	
S	"		4.0	4.4	
		0+22			
S	"		4.0	4.4	
C	"		3.9	4.5	
N	"		3.5	4.9	
+2	Top of bot. step 8" riser		1.65	5.77	
		0+41			
N	sand		3.7	4.7	
C	on 6d. walk		3.37	5.05	
+4.4	Ocn walk 3.5 wide		3.38	5.04	
		0+52			
S+0.4	cem walk 3.5 wide		3.41	5.01	
C	3d walk		3.17	5.25	
N	" " 3.5 wide		3.15	5.24	

8.42

30

	0+64		
N	sand	3.6	4.8
C	Bd walk	3.40	5.02
S	sand	3.50	5.02
	0+65		
S	sand	4.6	3.8
C	Bd walk	3.40	5.02
N	sand	3.6	4.8
	0+92 W.L Stairway		
N	sand	4.5	3.9
C	Bd walk	3.91	4.51
C	sand	4.5	3.9
S	"	4.5	3.9
	OO = EL		
S	sand	4.7	3.7
C	Bd walk	4.50	3.92
C	sand	4.7	3.7
N	"	4.8	3.6
	0+25		
N	sand	6.1	2.3
C	Bd walk	5.63	1.79
S	sand	6.6	1.8
	0+76.5		
S	sand	8.1	0.3
C	Bd walk	7.50	0.92

C +3.7 cem walk 3' wide		7.60	0.82
0+87.5			
N +1.3 Bot. Step cem. 3' wide		8.18	0.24
C Bd walk		8.04	0.38
S sand		8.4	00
1+13			
S +0.7 3.5 Bd walk		8.39	0.03
C Bd. walk		8.39	0.03
N sand		8.5	-0.1
1+24			
N sand		8.8	-0.4
C Bd walk		8.6	-0.2
C +4.4 3' wide Bd walk		8.57	-0.15
1+37			
S +0.5 4' wide " "		8.85	-0.43
C Bd walk		8.87	-0.45
N sand		9.8	-1.4
1+60			
N Sand		10.1	-1.7
C Bd walk		9.07	-0.60
S Sand		10.0	-1.6
2+00			
S Sand		9.9	-1.5
C Bd walk		9.23	-0.81
N Sand		10.7	-1.8

8.42

2+13.36 = Wly Mission Blvd

N Bd walk		8.95	-0.43
C "		8.95	-0.43
S "		9.07	-0.60
2+23.8 = Wly Mission			
S Top curb		8.97	-0.55
C " "		8.96	-0.54
N " "		8.95	-0.53
T.P. 3.89	3.35	8.96	-0.54
Ely Curb Mission			
N Top curb		4.03	-0.68
C " "		4.03	-0.68
S " "		4.02	-0.67
0+00 = El. Mission Blvd			
S Bd walk & cem walk wedge		4.02	-0.67
C " "		3.96	-0.61
N " "		3.93	-0.58
0+09.5 E edge cem walk			
N Sand		4.5	-1.1
C Bd walk		3.99	-0.64
S on cement		4.07	-0.67
0+25			
S Sand		5.1	-1.7
C Bd. walk		4.17	-0.76
N Sand		5.0	-1.3

	0+47			
N	Sand	4.8	-1.4	
C	Bd walk	4.06	-0.71	
S	" "	4.04	-0.69	
S	Sand	4.9	-1.5	
	0+92			
S	4' wide Bd walk	4.07	-0.72	
C	Bd walk	4.10	-0.6	
N	Sand	4.1	-0.7	
	1+25			
N	Sand	4.1	-0.7	
C	Bd walk	3.96	-0.61	
S	" "	4.04	-0.62	
	1+31			
N	Brick walk	4.15	-0.80	
	1+36			
N	Sand	4.0	-0.70	
C	Bd walk	4.04	-0.69	
S	2' conc walk	4.04	-0.67	
	1+03.78			
S	Sand	4.1	-0.6	
C	Bd walk	4.04	-0.67	
N	" "	4.01	-0.66	
	1+77.78 = wedge of 4' conc walk at bayside walk			
N		4.23	-0.88	
S		4.28	-0.93	

T.P.	9.94	9.40	3.89	-0.54
check to B.M.			2.34	7.08 7.08 ✓

5-25-37
Miller
Walker
Blio

X Sec. F. St. at Glendale

80' wide
14' cls
13' 1/4 S

N.W. 25th

BM. BP.	0.14	180.54		180.40
T.P.	0.12	167.89 ✓	12.77	167.77

+F. Sts

0+00 = S. Line 25th St. / E. Line Alley to N
1+40 E. of E. Line of 25th St. / W. " " S.

N. el			5.30	167.59
G			5.80	167.09
1/4			5.52	167.37
℄			5.59	167.30
1/4			6.01	161.88
G			6.58	161.31
S. el.			6.17	161.72
	1+90			
S. el.			12.89	155.50
G			12.98	154.91
1/4			12.30	155.59
℄			11.90	155.99
1/4			11.92	155.97
T.P.	0.97	157.68 ✓	11.18	156.71
G			2.00	155.68
N. el			1.31	156.37
		2+30 ZG		
N. el			6.43	151.25
G			7.13	150.55
1/4			6.77	150.91
℄			6.77	150.91
1/4			7.20	150.48
G			7.86	149.82
S. el			7.45	150.23

Indexed
C.S.K.

157.68

33

2+40 ZG

S. el	8.62	149.06
G	9.03	148.65
1/4	8.33	149.35
℄	7.92	149.76
1/4	7.88	149.80
G	8.27	149.41
N. el	7.54	150.14
2+50 ZG		
N. el	8.16	149.52
G	8.88	148.80
1/4	8.58	149.10
℄	8.53	149.15
1/4	9.04	148.64
G	9.66	148.02
S. el	9.12	148.56
2+60 ZG = W. Line Glendale		60' wide 10' cls 10' 1/4's
S. el	9.67	148.01
G	10.19	147.49
1/4	9.56	148.12
℄	9.10	148.58
1/4	9.08	149.60
G	9.34	148.34
N. el	8.63	149.05

157.68 ✓

W. el. Line Glendale

N. Line	cent. el	8.69	148.79
N. "	gutter	9.42	148.76
N. el		9.59	148.09
¼		9.39	148.29
℄		9.46	148.22
¼		9.96	147.78
G		10.60	147.08
S. el	in drive no el		

W. ¼

S. el		10.31	147.37
G		10.99	146.71
¼		10.22	147.46
℄		9.74	147.94
¼		9.67	148.01
N. el Line		9.78	147.90
N. Line		9.37	148.31

℄

N. Line		9.62	148.06
N. el Line		9.98	147.70
¼		9.88	147.80
℄ on M.H.		10.12	147.56
¼		10.60	147.08
G		11.34	146.34
S el		10.74	146.94

157.68 ✓

E. ¼

S. el		11.03	146.6 ✓
G		11.76	145.97
¼		11.06	146.67
℄		10.56	147.17
¼		10.38	147.30
N. el Line		10.30	147.38
N. Line		9.93	147.7 ✓

E. el. Line

N Line	cent. el.	9.83	147.8 ✓
" "	G.	10.40	147.28
N. el. Line		10.73	146.95
¼		10.98	146.70
℄		11.20	146.48
¼		11.54	146.14
G	Catch basin grating	12.14	145.54
S. el		11.34	146.34

0+00 = E. Line Glendale

S. el	in drive no el		
G		11.87	145.81
¼		11.17	146.51
℄		10.67	147.01
¼		10.44	147.24
G		10.53	147.1 ✓
N el		9.73	147.9 ✓

157.68

0+10. E

N. el			9.25	148.43
G			10.05	147.63
¼			10.05	147.63
℄			10.18	147.50
¼			10.75	146.93
G			11.59	146.09
S. el			11.18	146.50
		0+20 E		
S. el			10.72	146.96
G			11.17	146.51
¼			10.15	147.53
℄			9.53	148.15
¼			9.38	148.30
G			9.50	148.18
N. el			8.80	148.88
		0+30		
N. el			7.55	150.13
G			8.24	149.44
¼			8.16	149.52
℄			8.25	149.43
¼			8.92	148.76
G			9.91	147.77
S. el			9.53	148.15
T.P.	8.08	161.12	4.64	153.04

161.12

0+70

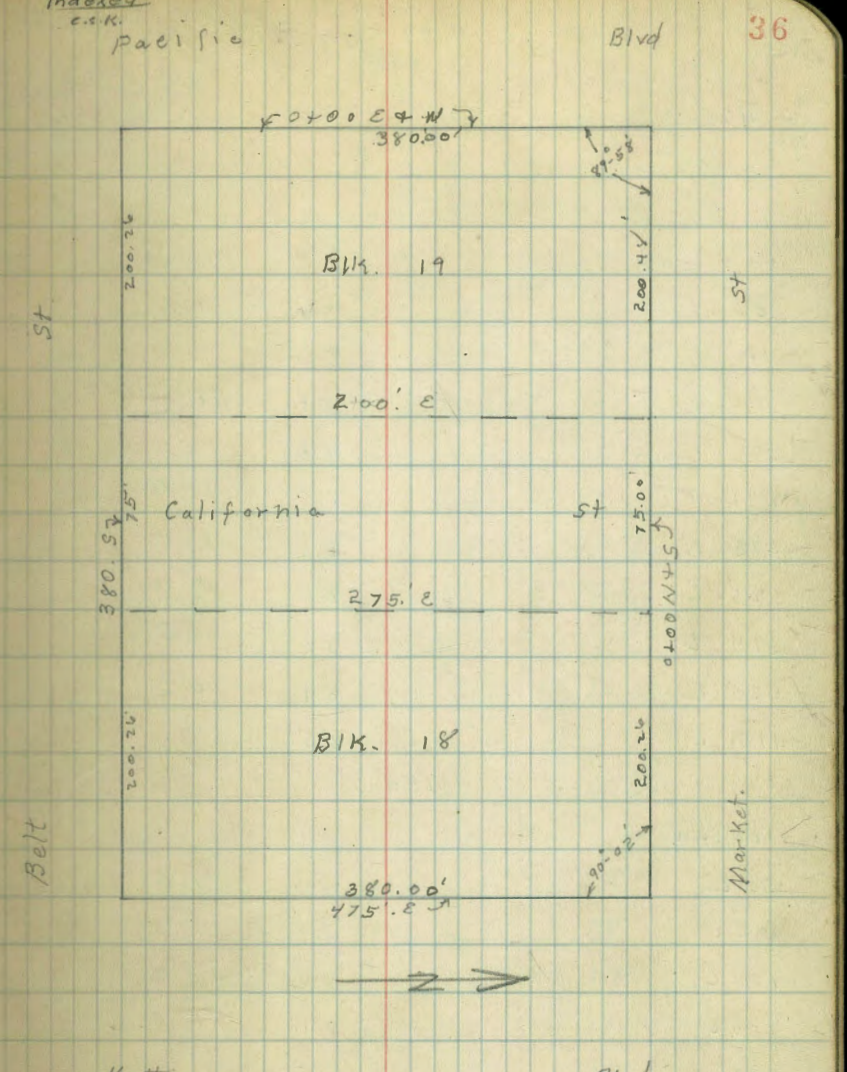
S. el			7.66	153.46
G			8.13	152.99
¼			7.12	154.00
℄			6.44	154.68
¼			6.30	154.82
G			6.43	154.69
N el			5.86	155.26
		1+10		
N. el			0.40	160.72
G			0.89	160.23
¼			1.01	160.11
℄			1.09	160.03
¼			1.77	159.35
G			2.75	158.37
S. el			2.35	158.77
T.P.	12.87	173.65	0.34	160.78
T.P.	8.41	180.95	1.11	172.54
Ch. BM. N.W. 26th & F.			2.82	178.13 = 178.12

6-2-37
Miller
Walker
13 Lios

X See: City Police Station Site.
Kettner to Pacific S. of Market
See Page 78. Rex. See.
See F.B. 1531 – P. 47 for this B.M.7 U.S. Coast & Geodetic S.E. Pacific & Market

BM B.P.	2.79	14.69		11.905
	0+00 N+S = S. Line Market st.			
0+00 E+W. = E. Line Pacific			2.7	12.0
50' E			3.1	11.6
100' E			3.8	10.9
150' E			4.2	10.5
200' E = W. Line Calif			5.0	9.7
237.5' E = ℄ "			5.2	9.5
275' E E " "			4.9	9.8
325' E			4.8	9.9
375' E			4.8	9.9
425' E			4.4	10,3
475' E = W. Line Kettner			4.5	10,2
T.P.	8.74	18.55	4.88	9.81
		50' S.		
0+00 E+W			7.1	11.5
0+50 E			7.1	11.5
1+00 E			7.8	10.8
1+50 E			8.1	10.5
2+00 E			8.5	10.1
2+37.5 E			8.2	10.4
2+75 E			8.6	10.0
3+25 E			8.9	9.7
3+75 E			9.8	8.8
4+25 E			9.8	8.8

Indexed
C.S.K.



18-55

0+50 S. cont

475' E	9.0	9.6

1+00 S

0+00 E+W	7.0	11.6
50' E	7.6	11.0
100' E	8.0	10.6
150' E	8.1	10.5
200' E	8.3	10.3
237.5' E	7.7	10.9
275' E	8.1	10.0
325' E	8.7	9.9
375' E	8.7	9.9
425' E	8.4	10.2
475' E	8.5	10.1

150' S

0+00 E+W	6.9	11.7
50' E	7.6	11.0
100' E	7.9	10.7
150' E	8.4	10.2
200' E	8.1	10.5
237.5' E	7.5	11.1
275' E	8.1	10.5
325' E	8.3	10.3
375' E	8.4	10.2
425' E	8.4	10.2
475' E	8.5	10.1

18,55

37

200' S.

0+00 E+W	6.8	11.8
50' E	7.1	11.5
100' E	7.1	11.5
150' E	7.9	10.7
200' E	8.1	10.5
237.5' E	7.3	11.3
275' E	8.5	10.1
325' E	8.5	10.1
375' E	7.6	11.0
425' E	7.8	10.8
475' E	8.1	10.5

265' S

100' E	7.1	11.5

250' S

0+00 E+W	6.3	12.3
50' E	7.0	11.6
55 E	6.4	12.2
100' E	6.3	12.3
140 E	5.6	13.0
145' E	7.2	11.4
200' E	8.1	10.5
237.5' E	7.2	11.4
275 E	8.2	10.4
325' E	7.8	10.8
375' E	7.7	10.9
425' E	7.8	10.8
475' E	7.9	10.7

18.55

300' S

0+00 E+W	5.1	13.5
50' E	5.6	13.0
100' E	5.5	13.1
150' E	5.4	13.2
~~200' E + 394.5~~	7.1	11.5
200' E	5.0	13.6
208' E	7.0	11.6
237½ E	6.8	11.8
275' E	6.8	11.8
325' E	7.5	11.1
375' E	7.8	10.8
425' E	7.8	10.8
475' E	7.6	11.0

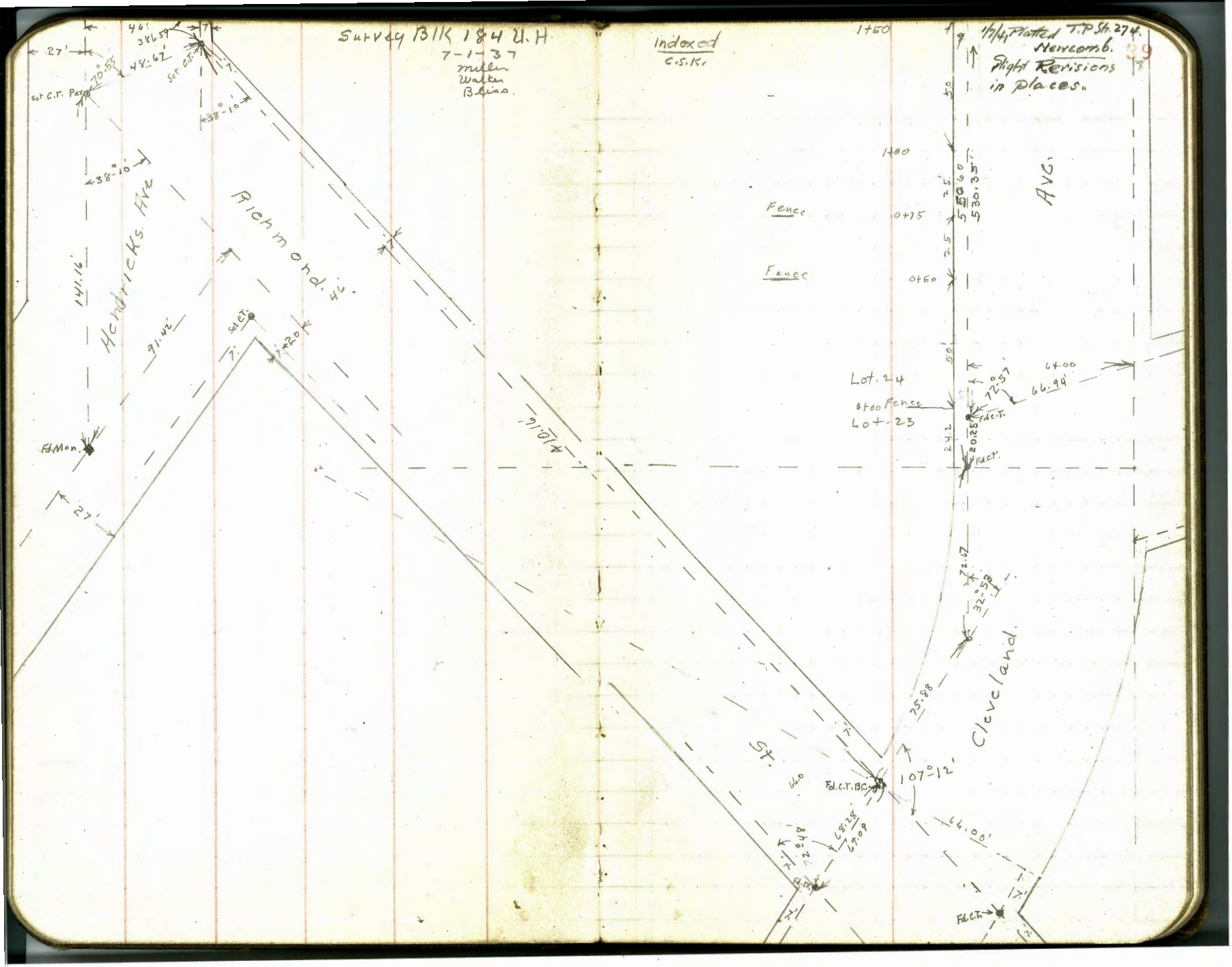
350' S

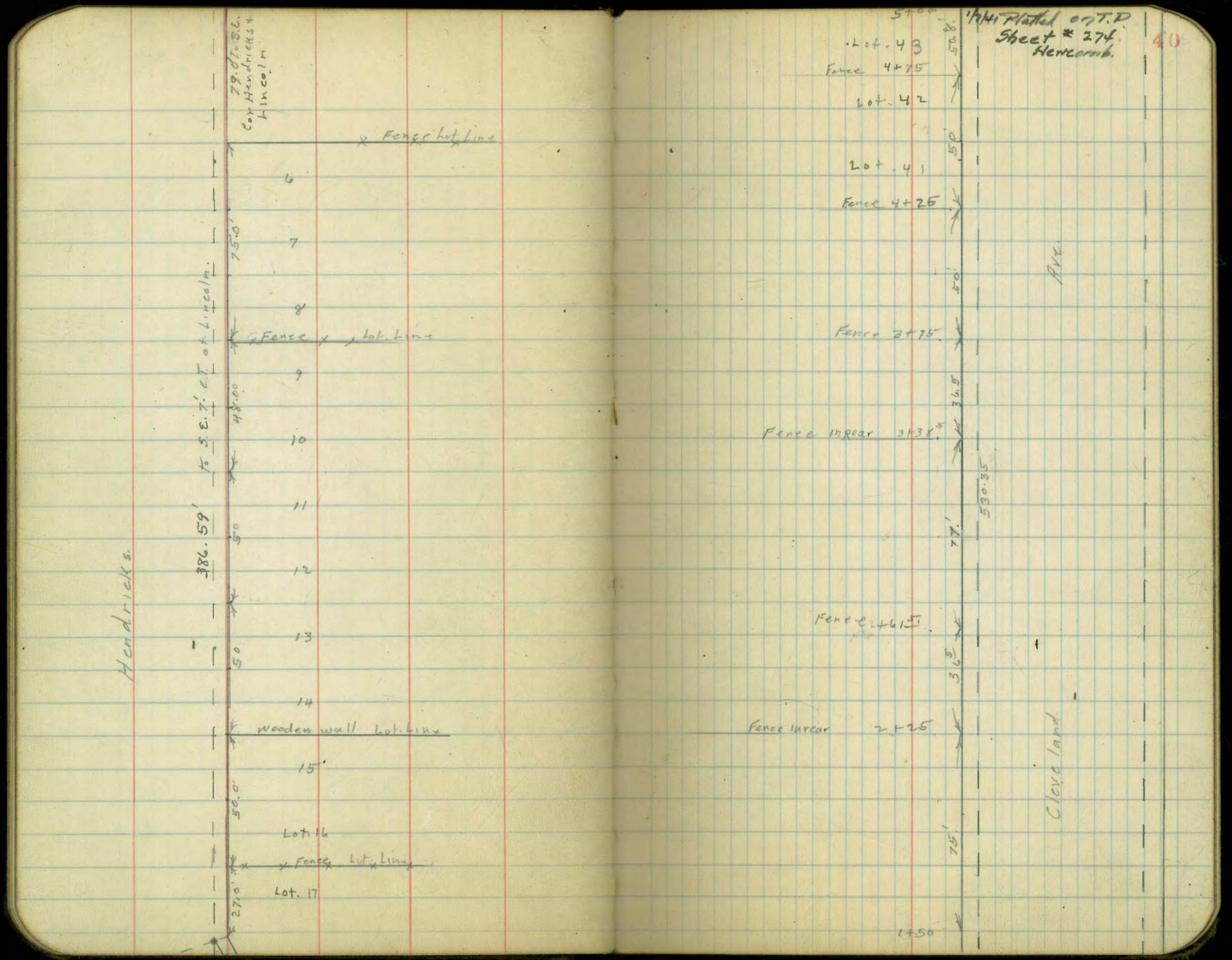
0+00 E+W	4.0	14.6
50' E	5.1	13.5
100' E	4.8	13.8
150' E	4.6	14.0
200' E	6.0	12.6
237½ E	6.4	12.2
275' E	6.6	12.0
325' E	7.7	10.9
375' E	7.4	11.2
425' E	7.2	11.4
475' E	6.9	11.7

18.55

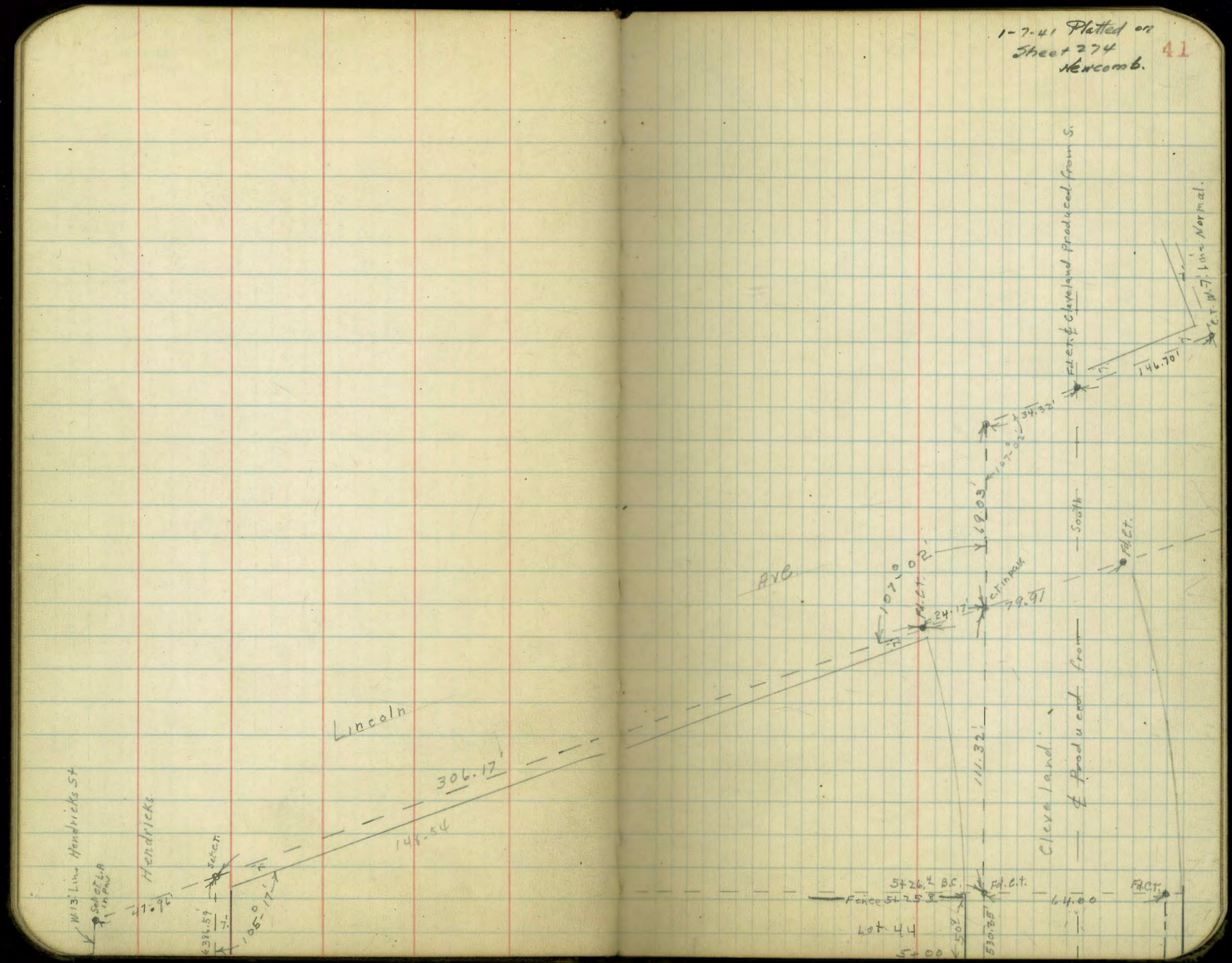
380' S.

0+00 E+W	3.7	14.9
50' E	5.0	13.6
100' E	4.6	14.0
150' E	4.1	14.5
190' E	4.9	13.7
200' E	4.5	14.1
230' E	5.0	13.6
237½ E	6.2	12.4
275' E	6.5	12.1
325' E	6.6	12.0
375' E	7.4	11.2
425' E	6.8	11.8
475' E	7.2	11.4
T.P. 4.72	15.34	7.93 10.62
Orig BM.	3.44	11.90

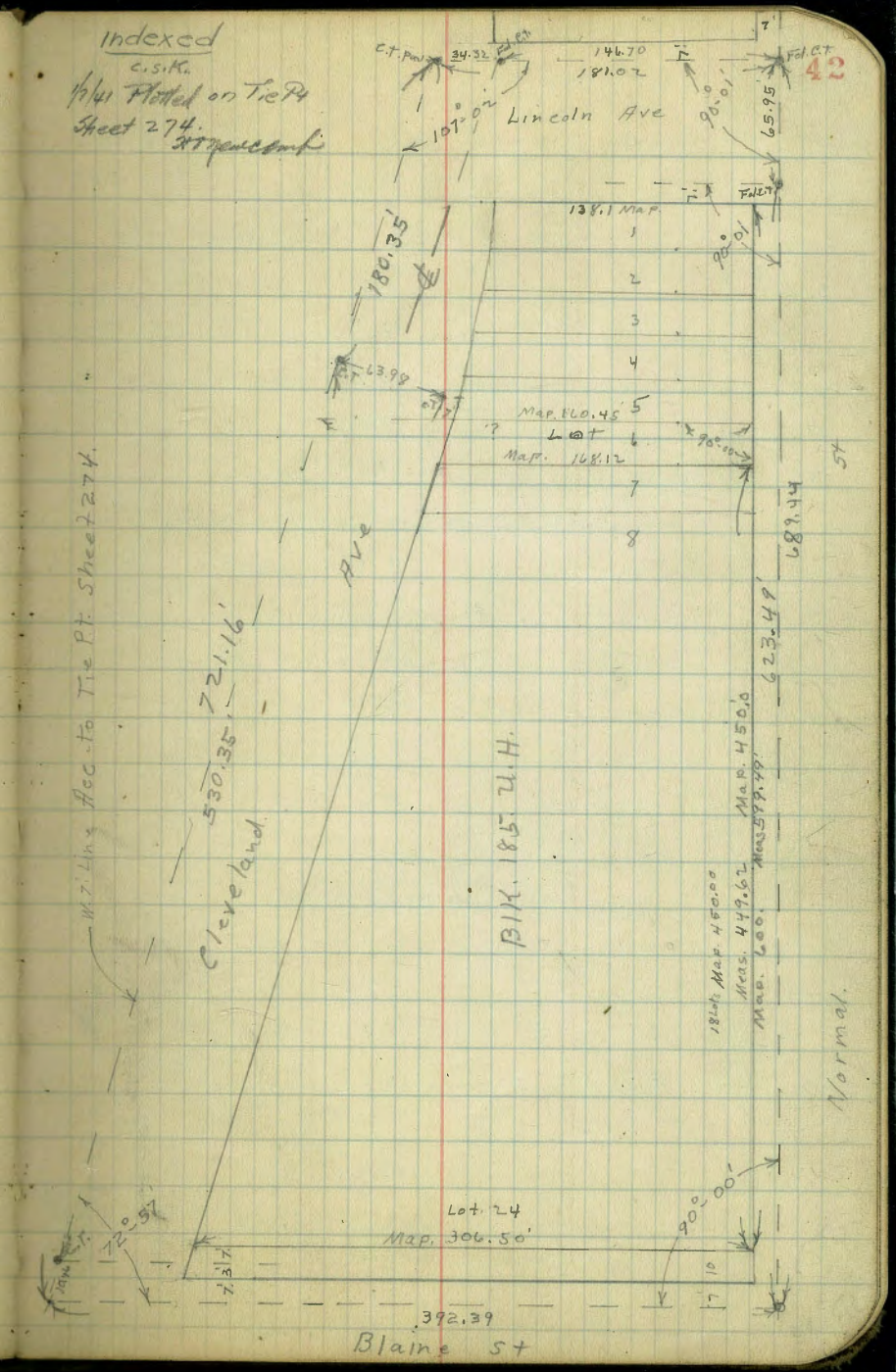

Survey Blk 184 U.H.
7-1-37
Miller
Walker
Blaine.
Indexed
C.S.K.
1/1/4 Platted T.P. Sh. 274.
Newcomb.
Slight Revisions
in places.
Hendricks Ave
Richmond. 4c.
Ave.
Cleveland.
St.
Fence
Fence
Lot. 24
Lot. 23
Fd. Mon.
Fd. C.T.
Fd. C.T. BC.
Set C.T.
Set C.T. Pap
1400
1450
1475
1500
1525
1550
1575
1600
1625
1650
1675
1700
1725
1750
1775
1800
1825
1850
1875
1900
1925
1950
1975
2000
2025
2042
141.16'
91.42'
91.01'
530.35'
64.00
66.94'
72.07'
72.07
25.68
64.0
107°-12'
32°-58'
70°-55'
38°-10'
38°-10'
27'
27'
46'
48.62'
346.59'


79.0 ft. S.E. Cor. Hendricks & Lincoln
Fence lot line
6
7
750'
8
Fence x Lot. Line
9
48.00
10
11
50
12
13
50
14
Wooden wall Lot. Line
15
50.0'
Lot. 16
Fence Lot. Line
Lot. 17
27.0'
Hendricks.
386.59'
to S.E. C.T. at Lincoln
5700
Lot. 43
Fence 4+75
Lot. 42
50'
Lot. 41
Fence 4+25
50'
Fence 3+75
34.5
Fence inrear 3+38.5
530.35
77'
Fence 2+61.5
36.5
Fence inrear 2+25
75'
1+50
Ave.
Cleveland
1/4 Platted of T.D
Sheet # 274.
Newcomb.
40

1-7-41 Platted on Sheet 274 Newcomb.



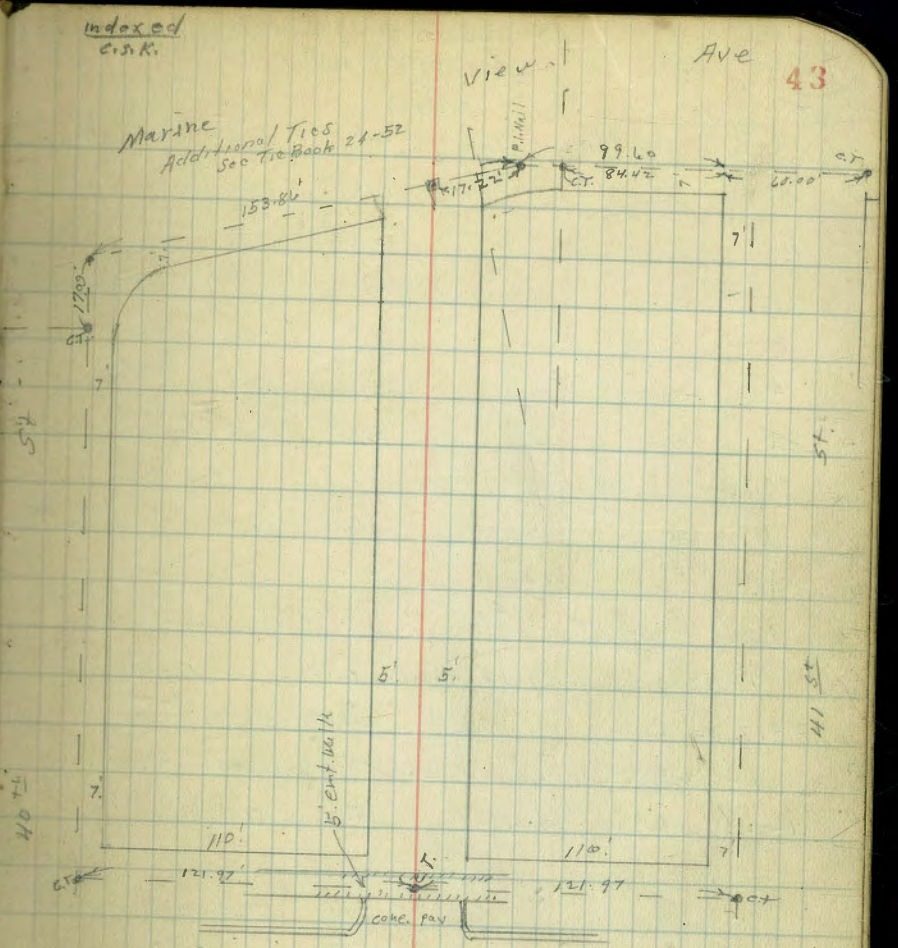
Indexed
C.S.K.
1/41 Plotted on Tie Pt
Sheet 274.
Approved



7-31-37
Mills
Walker

X See Alley Blk 16 Nordica Hts 2nd Marine View to Division bet. 40th & 41st

B.M. B.P.	0.00	57.34	57.34	N.W. 41st & Division
	0+00 – 15 = N. el. Line of Division			
E. emt el		8.35	48.99	
E. g. pay		8.96	48.38	
℄ "		9.25	48.09	
W "		9.57	47.77	
W. el		9.04	48.26	N. End. pay.
	0+00 – 9.6 = S. Edge emt. walk N. End. el returns			
W. el & walk & pay		8.91	48.43	
℄ " " "		8.56	48.78	
E el & " " "		8.28	49.06	
	0+00 – 4.5 = N edge emt. walks			
E. walk		8.12	49.22	
℄ "		8.43	48.91	
W "		8.73	48.61	
	0+00 = N. Line Division			
W		8.4	48.9	
℄		8.2	49.1	
E		7.9	49.4	
TP	7.30	56.62	8.02	49.32
	0+15			
E		6.4	50.2	
℄		6.4	50.2	
W		6.6	50.0	



56.62

0+30

W	5.6	51.0
℄	5.6	51.0
E	5.6	51.0

0+50

E	5.6	51.0
℄	5.8	50.8
W	5.8	50.8

1+00

W	5.8	50.8
℄	5.7	50.9
E	5.4	51.2

1+33. ℄ double garage on E. cmt. floor 17' Back.

E-17. = floor	4.35	52.27

1+33. S. Sid. garage on W. cmt floor S. Entrance 2.6 Back

W-4.6 = E. side doorway	5.6	51.0

1+50

W	4.8	51.8
℄	4.9	51.7
E	4.9	51.7

1+56 garage on W. cmt. floor 7.3' Back

W-7.3 = floor	5.60	51.02
W. Line = E. End. cmt. runways.	5.30	51.32

1+75

E	4.8	51.8
℄	5.0	51.6
W	5.1	51.5

56.62

2+00

W	4.9	51.7
℄	4.8	51.8
E	4.5	52.1

2+41 35/℄ = S. Line Marine View Ave on diagonal

E	4.0	52.6
℄	4.4	52.2
W	4.6	52.0

2+44. ℄ = S. edge cmt. walk on diagonal

W-0.8 = E. End cmt. walk.	4.60	52.02
W	4.6	52.0
℄	4.4	52.2
E walk N.E.	3.8	52.8
+8. = W. End. good. walk.	3.10	53.52

2+50 ℄ = N. Edge of cmt. walk. 4.33 wide secondary

E-8 = W. End. good. walk	3.25	53.37
E	3.9	52.7
℄	4.6	52.0
W	4.9	51.7
W+35 = E. End of walk	4.75	51.87

2+55 = S. edge graded Roadway

W	5.4	51.2
℄	5.0	51.6
E.	4.7	51.9
T.P. 964 58.98	7.30	49.32
Orig. B.M.	1.64	57.34

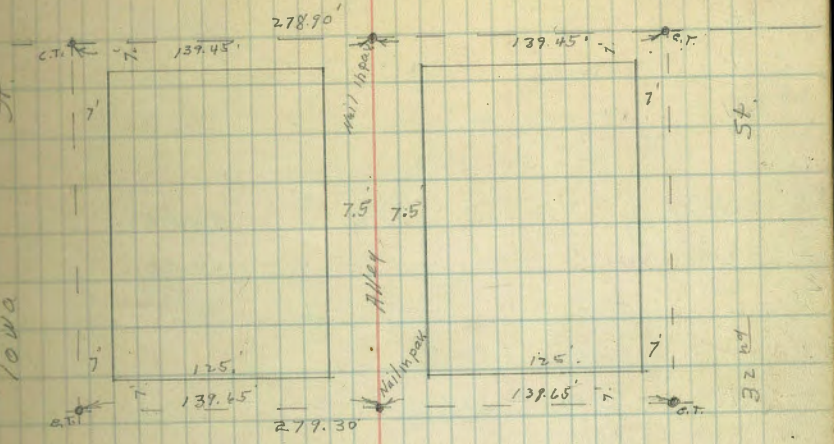
8-5-37
Miller
Walker
Bliss

X See Alley Blk 2 · West Peralta
Meade to Monroe bet. Iowa & 32nd Sts.

— B.M. BP	4.10	— 387.32 —	— 383.22 —	N.W. Iowa & Meade
	0+00 = N. el. Meade			
W - 2.5	gutter		6.40	380.92
W	"		6.45	380.87
W	cmt. el		6.04	381.28
℄	gutter		6.54	380.78
E	"		6.60	380.72
E.	cmt. el		6.19	381.13
+28	gutter		6.90	380.42
	0+00 = At Line	Meade Ave		
E.	cmt el	N. End.	5.91	381.41
E.	pav	" "	6.02	381.30
℄	"	" "	6.13	381.19
W	"	" "	6.01	381.31
W	cmt. el	" "	5.75	381.57
		0+08 N		
W			4.7	382.6
+3			5.0	382.3
℄			4.7	382.6
+4			4.9	382.4
E			4.6	382.7
		0+30		
E			3.6	383.7
℄			3.8	383.5
W			3.7	383.6

Indexed
a.s.k.

Monroe Ave 45



Meade Ave

— 387.32 —

0+44 = garage on E dist. floor		16.7 Back	
E - 16.7 = floor		3.5	383.8
	0+50 N		
W		3.9	383.4
℄		3.9	383.4
E		3.7	383.6
	1+00 S End Fence on W. & L in Alley		
E		4.1	383.2
℄		4.1	383.2
W		4.2	383.1
	1+50 = N. End above fence on W. 1.0' in Alley		
W		4.2	383.1
℄		4.2	383.1
E		3.9	383.4

387.3

2+00

E	3.8	383.5
℄	3.8	383.5
W.	3.6	383.7

2+50

W	3.8	383.5
℄	3.8	383.5
E	3.7	383.6

T.P. — 5.62 — 389.69 — 3.25 — 384.07

3+00

E.	5.8	383.9
℄	5.8	383.9
W.	5.8	383.9

3+12 garage on E. dirt floor 0.5 Back

E − 0.5 = floor	5.9	383.8

3+50

W	5.5	384.2
℄	5.6	384.1
E	5.4	384.3

3+75

E	4.6	385.1
℄	5.2	354.5
W	5.4	384.3

389.69

4+00

W	5.4	384.3
℄	5.2	384.5
E	5.2	384.5

4+08 Fence on E. End

4+38 {N. End above Fence / S. in shed. 11' Long 9.3 Wid.} 0.9 in Alley

4+50 N. End. above shed 0.9 in Alley

4+50

E	5.2	384.5
℄	5.2	384.5
W	5.0	384.7

5+00

W	5.1	384.6
℄	5.1	384.6
E	5.1	384.6

5+50

E	4.6	385.1
℄	4.5	385.2
W	4.5	385.2

5+70

W = N. End garage under construction / North Entrance	4.75	384.94 on Top Spike
℄	4.7	385.0
E	4.7	385.0

5+90

E	5.4	384.3
℄	5.9	383.8
+5	6.0	383.7
W	5.3	384.4

389.69

6+00 = S. Line Monroe Ave

W.	cmt. dr	S. End	6.16	383.53
W	pav	" "	6.62	383.07
℄	"	" "	6.42	382.87
+7.0	"	" "	6.72	382.97
+7.0	cmt. dr	" "	6.32	383.36
E			6.3	383.4
	6 + 12 = S. el.			
E-25	el		6.65	383.04
E-25	pav		7.14	382.53
E	"		6.91	382.78
E	el		6.45	383.24
℄	pav		6.94	382.75
W	"		6.86	382.83
W	el		6.32	383.37
+25	"		6.29	383.40
+25	pav.		6.91	382.78
+50			6.90	382.79
+75			6.81	382.88
7+00			6.66	383.03
B.M. B.P			7.20	382.49 = 382.39 + Monroe S.E. 324
T.P.	4.53	387.44	6.78	382.91
chk orig BM.			4.23	383.21 = 383.22

8-13-37
Miller
Walker
Bliss

43rd St. X Sec. Gamma To Keeler

Indexed
C.S.K.

¢

Station	Readings (elev. / rod / dist.), left to right
0+50	85.1 / 2.5 / 50. ; 82.5 / 5.1 / 45. ; 79.5 / 8.1 / 50 ; 75.4 / 12.2 / 60. ; 75.0 / 12.6 / 70.
0+50	84.8 / 2.8 / 40 ; 84.2 / 3.4 / 33. ; 83.1 / 4.5 / 30. ; 82.1 / 5.5 / 16. ; 79.3 / 8.3 / 14 ; 79.82 / 7.77 / 6.0 W. Pav. ; 79.98 / 7.61 ; 80.03 / 7.56 / 3.0 ¢ Pav ; 80.11 / 7.48 / 12.0 E. Pav ; 79.6 / 8.0 / 20. ; 83.2 / 4.4 / 24. ; 82.8 / 4.8 / 40.
0+38.53	84.5 / 3.1 / 50 ; 81.0 / 6.6 / 45 ; 78.6 / 9.0 / 50 ; 74.6 / 13.0 / 61 ; 74.6 / 13.0 / 70
0+33.53 ¢ = C.T. 3' W. of ¢ 18' Pav. = S. Line Palm Hill Sub.	84.2 / 3.4 / 40 ; 83.8 / 3.8 / 34 ; 82.0 / 5.6 / 20 ; 80.8 / 6.8 / 17 ; 78.2 / 9.4 / 14 ; 78.78 / 8.81 / 6. W. Pav ; 78.93 / 8.66 / C.T.L.P. ; 79.00 / 8.59 / 3. ¢ Pav ; 79.03 / 8.56 / 12 E. Pav ; 78.6 / 9.0 / 20. ; 82.6 / 5.0 / 24 ; 81.4 / 6.2 / 40
0+20	84.0 / 3.6 / 50 ; 74.8 / 12.8 / 50 ; 72.1 / 15.5 / 56. ; 71.2 / 16.4 / 75
0+20	83.9 / 3.7 / 40. ; 82.8 / 4.8 / 30. ; 81.2 / 6.4 / 16. ; 79.8 / 7.8 / 13. ; 77.6 / 10.0 / 12 ; 78.02 / 9.57 / 6. W. Pav ; 78.17 / 9.42 ; 78.16 / 9.43 / 3 ¢ Pav ; 78.15 / 9.44 / 12 E. Pav ; 77.6 / 10.0 / 21. ; 81.0 / 6.6 / 23 ; 80.8 / 6.8 / 30. ; 76.6 / 11.0 / 40
0+00	81.9 / 5.7 / 50. ; 71.9 / 15.7 / 50 ; 69.3 / 18.3 / 75
0+00 = N. Line Gamma St.	82.6 / 5.0 / 40 ; 82.3 / 5.3 / 30 ; 77.8 / 9.8 / 20 ; 76.2 / 11.4 / 15 ; 76.82 / 10.77 / 6 W. Pav ; 76.94 / 10.65 ; 76.96 / 10.63 / 3. ¢ Pav ; 76.89 / 10.70 / 12. E. Pav ; 76.6 / 11.0 / 20. ; 76.6 / 11.0 / 22. ; 78.4 / 9.2 / 23. ; 76.8 / 10.8 / 30 ; 73.9 / 13.7 / 40

¢

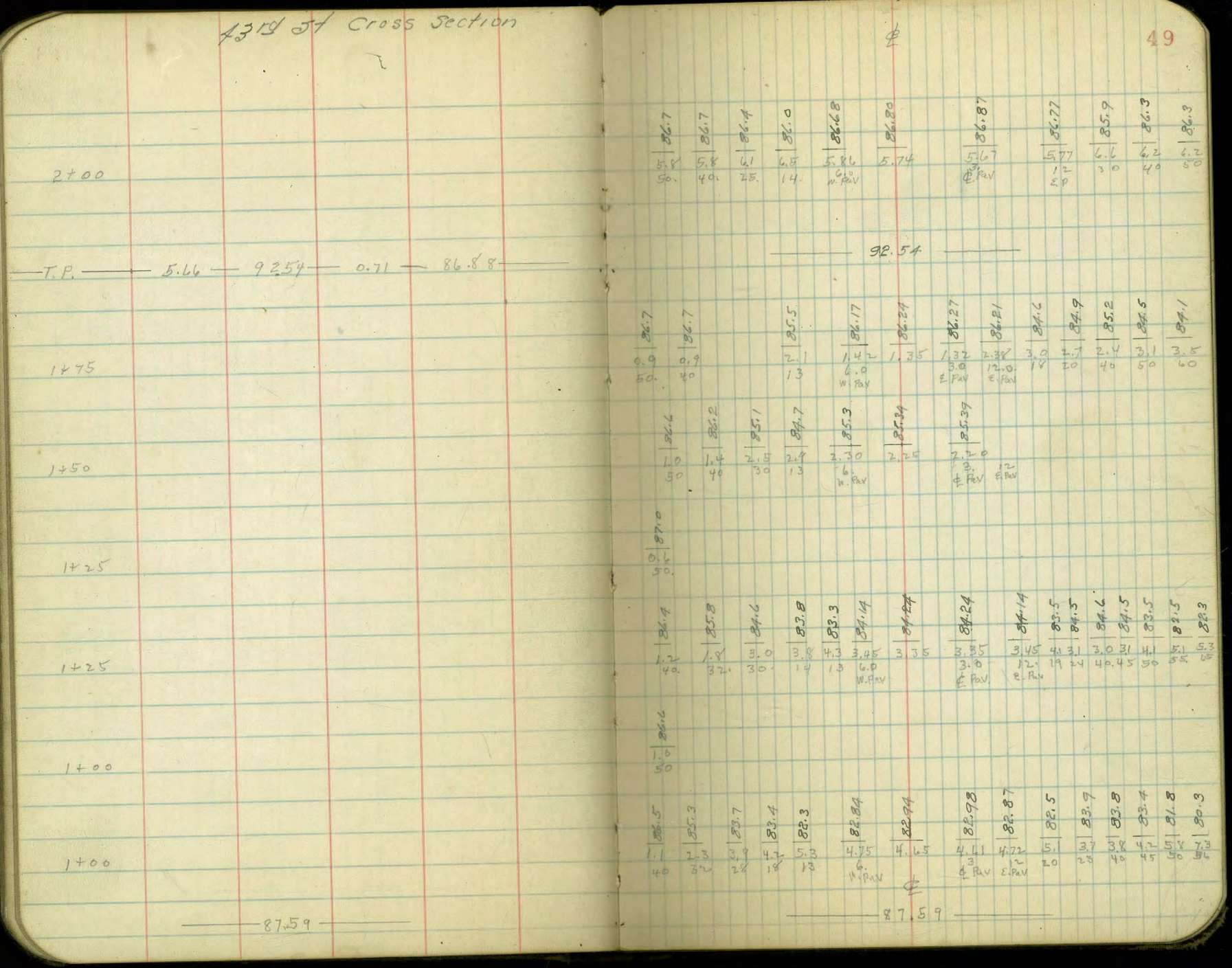
87.59

C.T.L.P.

B.M. Hub. S. Line Gamma
Old City Boundary 13.07 87.59 74.52 F.B. 1521-52

00-53 ¢ = C.T. L.P. 3' W. of ¢ of 18' Pav.

4318 St Cross Section



4315' St. Cross Sections

3+50

3+48.56 P in Pav. c.l.p. 0.10 E. of ℄ St. = 5' W. of ℄ Pav. County Road Survey 59+00

2+89.75 N. Line Palm Drive on E.

2+84.9 P.C. Pav.

2+72.9

2+44.75 = ℄ Palm Drive c.l.p. on ℄ 4.2' W. of ℄ 18' Pav.

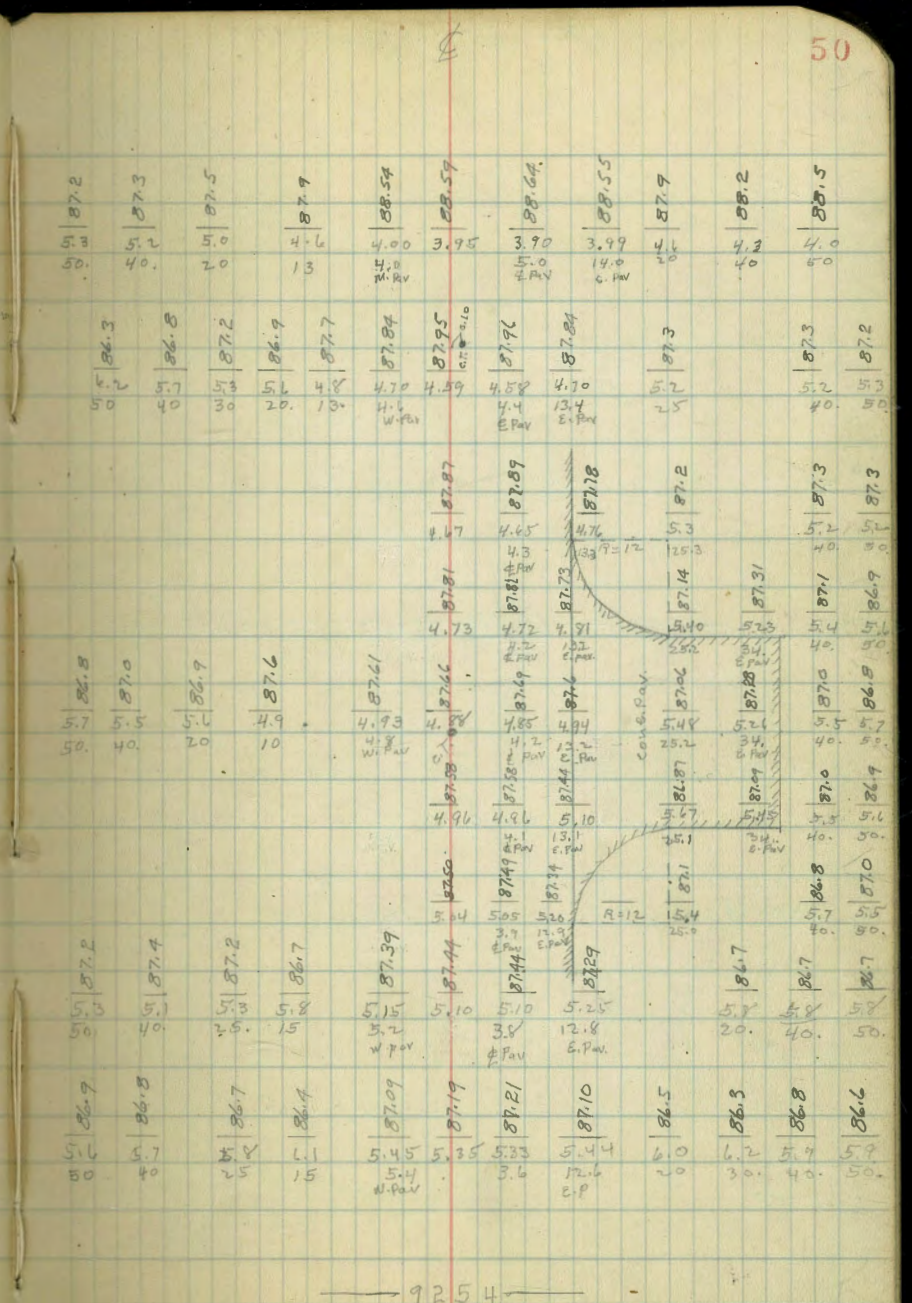
2+56.60

2+44.60 P.C. Pav.

2+39.75 = S. Line Palm Drive on E.

2+25

92.54



4350 St. Cross Section

Lt. ℄ Rt.

6+25

6+00

5+75

T.P. Toppings & Mort 4.90 — 95.11 — 2.33 — 90.21 — 50' N. of ℄ C.T. 5+40.48

5+50

5+40.48 C.T. L.P. on ℄ 1.7' W. of ℄ Pav. = S. Line Ocean Vista Gardens Sub.

5+00

4+50

4+32.44 E.T. ℄ St. 3.7 W. of ℄ Pav. N. Line Pam Hill Sub.

4+00

92.54

95.11

92.54 ℄

435d St. Cross Section

7+50.47 = N Line Alpha St.

7+40.47 = N ℄ Line Alpha St.

7+20.47 = ℄ Alpha St.

7+00.47 = S ℄ Line Alpha St.

6+90.47 C.T. L.P. ℄ Rd. ℄ 18' Pav. S. Line Alpha.

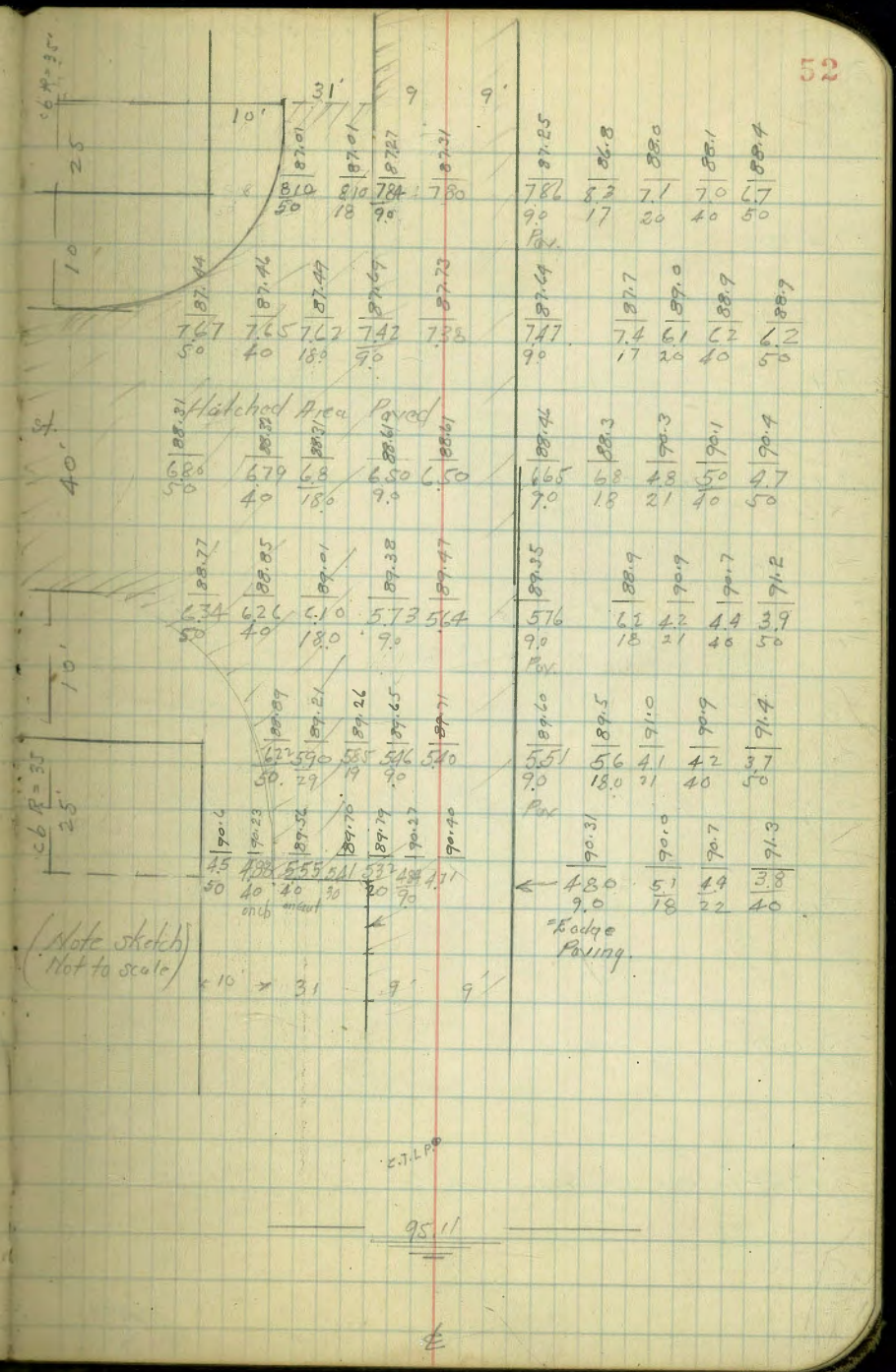
6+65.47 S. Edge Pav. on W = End ℄ Return

6+50

6+48.56 C.T. ℄ St. + ℄ 18' Pav. County Road. Survey. Sta 59+00

95.11

Alpha St.



43rd St. Cross Section

9+50				
9+25				
9+00.16 Copper tack ℄ Paving = N.L. Subdivision on West				
9+00				
8+75				
T.P.	1.27	84.17	12.21	82.90
8+50				
8+00				
7+75.47 = End 35' Rad of Return on West.				
		95.11		

Lt ℄ Rt

9+50: 74.8 9.4/60; 74.8 9.4/50; 75.5 8.7/40; 76.0 8.2/21; 79.6 4.6/15; 79.18 4.99/9.0 Pav.; 79.26 4.91 Pav.; 79.21 4.96/9.0 Edge Pav.; 79.9 4.3/15; 79.4 4.8/25; 80.0 4.2/30; 80.4 3.8/40; 80.5 3.7/50

9+25: 78.1 6.1/40; 78.2 6.0/40; 78.3 5.9/25; 79.8 4.4/18; 79.89 4.28/9.0 Pav.; 80.14 4.03 Pav.; 80.10 4.07/9.0 Edge Pav.; 80.2 4.0/40; 80.5 3.7/50

• C.T. Lead plug in paving.

9+00: 81.4 2.8/50; 80.7 3.5/40; 80.0 4.2/23; 80.9 3.27/9.0 Pav.; 81.12 3.05 Pav.; 81.10 3.07/9.0 Edge Pav.; 80.7 3.5/15; 81.2 3.0/18; 81.9 2.3/40; 81.8 2.4/50

8+75: 83.0 1.2/50; 82.9 1.3/40; 82.9 1.3/35; 81.3 2.9/23; 81.91 2.26/9.0 Pav.; 82.09 2.08 Pav.; 82.05 2.12/9.0 Edge Pav.; 81.6 2.6/15; 82.5 1.7/18; 83.0 1.2/40; 83.2 1.0/50

84.17

8+50: 83.5 11.6/50; 83.8 11.3/40; 83.4 11.7/25; 82.5 12.6/15; 82.91 12.20/9 on Pav.; 83.04 12.07 on Pav.; 83.03 12.08/9.0 Edge Pav.; 82.5 12.6/15; 83.0 12.1/17; 83.9 11.2/36; 85.1 10.0/40; 86.1 9.0/50

8+00: 85.3 9.8/50.0; 85.1 10.0/40; 85.14 9.97/9.0 N Pav.; 85.18 9.93 Pav.; 85.11 10.00/9.0 Edge Pav.; 84.6 10.5/16.0; 85.5 9.6/19.0; 86.1 9.0/40; 86.6 8.5/50

7+75.47: 87.0 8.1/50; 86.23 8.88/40 on cb.; 85.67 9.44/40 on Gut.; 86.0 9.11/18.0 on Pav.; 86.23 8.88/9.0 on Pav.; 86.26 8.85 Pav.; 86.16 8.95/9.0 Edge Pav.; 85.5 9.6/17; 86.7 8.4/19; 87.1 8.0/40; 87.5 7.6/50

95.11

43rd St. Cross Section

℄ (center line)

11+25

78.4	78.8	79.2	78.5	79.42	79.48	79.39	79.1	82.2	82.5	82.5
5.8	5.4	5.0	5.7	4.75	4.69	4.78	5.1	2.0	1.7	1.7
50	40	28	25	90 Pav.	Pav.	9.0 Edge Pav.	18	24	40	50

11+00

76.8	77.6	77.9	79.2	79.28	79.34	79.26	78.9	81.3	81.6	81.2
7.4	6.6	6.3	5.0	4.89	4.83	4.91	5.3	2.9	2.6	3.0
50	40	19	16	9.0 Pav.	Pav.	9.0 Edge Paving.	18	24	40	50

10+75

74.7	75.8	76.9	77.8	79.5	78.88	78.98	78.91	78.9	79.5	79.3
9.5	8.4	7.3	6.4	4.7	5.29	5.19	5.26	5.3	4.7	4.9
50	40	25	18	14	9.0 Pav	Pav	9.0 Edge Pav	25	40	50

10+50

70.5	71.1	72.3	73.5	78.8	78.64	78.70	78.58	78.8	77.7	77.1	76.6	75.9
13.7	13.1	11.9	10.7	5.4	5.53	5.47	5.59	5.4	6.5	7.1	7.6	8.3
60	50	40	25	15	9.0 Pav.	Pav	9.0 Edge Pav.	15	25	30	40	50

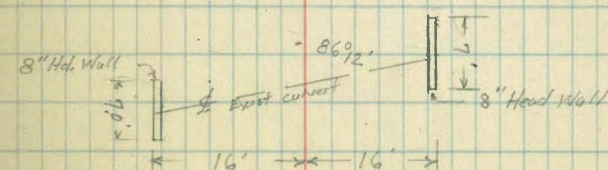
10+25

68.2	68.7	69.4	70.9	78.8	78.59	78.65	78.46	79.0	74.6	74.2	74.2	74.4
16.0	15.5	14.8	13.3	5.4	5.58	5.52	5.71	5.2	9.6	10.0	10.0	9.8
60	50	40	27	14	9.0 Pav	Pav.	9.0 Edge Pav	15	25'	40	50	60

10+10 Section on projection Culvert Line

68.2	68.6	69.8	69.8	71.8	73.83	77.79	78.5	78.47	78.58	78.47	79.2	77.68	74.67	74.8	74.2	74.2	74.4
160	156	144	144	124	1034	638	5.7	5.70	5.59	5.70	5.0	649	9.50	94	10.0	10.0	9.8
65	50	40	35	25.0	16 Flow Line	16.0 on top Hd Wall	15	9.0 Wedge Pav.	Pav.	9.0 Edge Pav.	15.0	16 on Hd Wall	16 Flow Line	25	40	50	60

10+10 = ℄ 12" Existing Concrete Culvert



9+90

69.2	69.9	70.6	71.6	79.0	78.70	78.77	78.66	79.8	75.7	76.4	76.6	76.7
15.0	14.3	13.6	12.6	5.2	5.47	5.40	5.51	4.4	8.5	7.8	7.6	7.5
60	50	40	25	14	9.0 Pav	Pav.	9.0 Edge Pav.	15	25	35	40	50

84.17

84.17

43rd Cross Section

12+625

12+50

12+19.78 = N.C.b. face Boston on East.

12+11.78 = N.b. Boston on W

12+01.78 = South edge Paving on East.

T.P. 380 82.71 5.26 78.91 on Pipe 50' Lt of ℄ 11+91.78

11+91.78 C.T. S.L. Boston

11+85

11+50

84.17

Lt. ℄ Rt.

Lt.					℄					Rt.	
										78.88	78.28
										3.83	4.43
										24 anch.	24 Gut.
78.0	78.0	78.7	78.1	78.73	78.81	78.77				78.61	79.12
4.7	4.7	4.0	4.6	3.98	3.90	3.94				4.10	3.59
40	35	27	24	90 Pav.	Pav.	90 Pav.				24 Gut.	25 anch. Rd.
78.6	79.5	78.7		79.06	79.26	79.26	79.04	79.43			
4.1	3.2	4.0		3.65	3.45	3.45	3.47	3.28			
40	27	24		90 Pav.	Pav.	9 Pav.	24 Pav.	40 Pav.			
78.8	79.8	79.1		79.13	79.33	79.35	79.17	79.53			
3.9	2.9	3.6		3.58	3.38	3.36	3.54	3.18			
40	27	24		90 Pav.	Pav.	90 Pav.	24 Pav.	40 Pav.			
	79.0	79.3	79.25		79.42	79.38	79.21	79.57			
	3.7	3.4	3.46		3.28	3.33	3.50	3.14			
	40	24	90 Mist edge Pav.		Pav.	90 Pav.	24 Pav.	40 Pav.			
78.9					82.71						
5.3	5.1	4.5	4.88	4.44	4.73	4.73				79.8	79.8
50	40	18	90 Pav.	Pav.	Pav.	90 Edge Pav.				4.4	4.4
										40	50
79.7	79.9	79.2	79.81	79.41	79.40	79.5	80.6	82.0	82.8		
4.3	4.3	5.0	4.86	4.76	4.77	4.7	3.6	2.2	1.4		
40	40	18	90 Pav.	Pav.	90 Edge	18	24	40	50		
79.2	79.3	79.4	78.9	79.49	79.54	79.35	79.3	81.8	82.6	82.6	
5.0	4.9	4.8	5.3	4.68	4.63	4.82	4.9	2.4	1.6	1.6	
50	40	27	18	90 Pav.	Pav.	90 Edge Paving	18	24	40	50	
					84.17						

43rd St. Cross Section

15+78.8 = North cb Return E.C. 9' North N'line Keeler;

15+62.8 = North cb Line Keeler St. on West

15+45 = South edge Paving Keeler St

15+36.38 = 33.42' South of N'line Keeler on West

15+27.7 = E.C. cb Return on East = N.E. Cor.

14+81.7 = North cb. Line Keeler on East.

14+66.7 = ℄ Keeler on East

14+51.7 = South cb. Line Keeler on East.

14+05.7 = P.C. cb Return on East 46' Radius.

12+62.5 = E.C. cb Return on East approx 43' Radius.

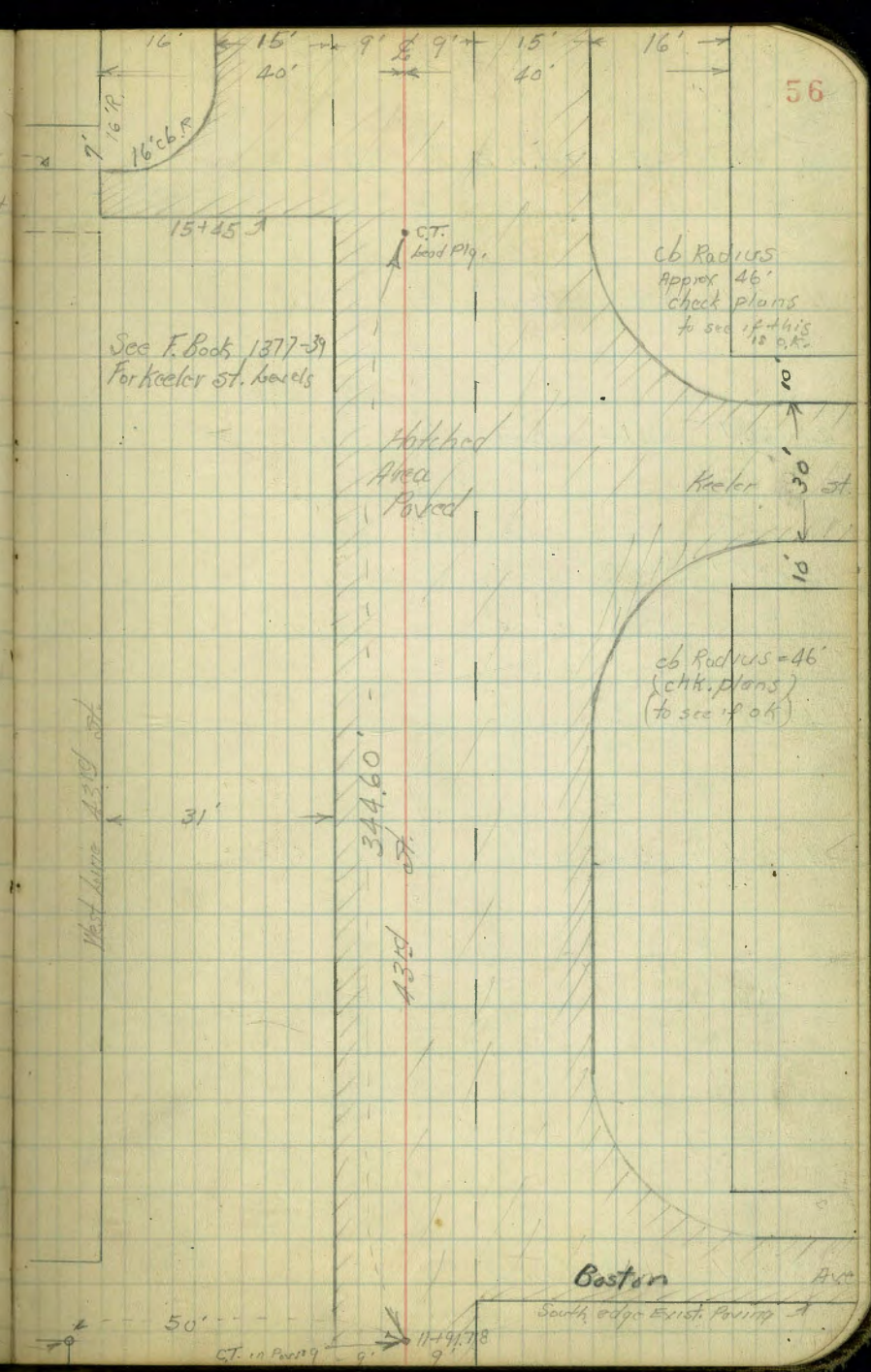
12+19.78 = North cb Line Boston on East.

12+11.78 = N'line Boston on West.

12+01.78 = South edge Paving on East.

11+91.78 = C.T. in Pav. = S.L. Boston on West

½" Pipe



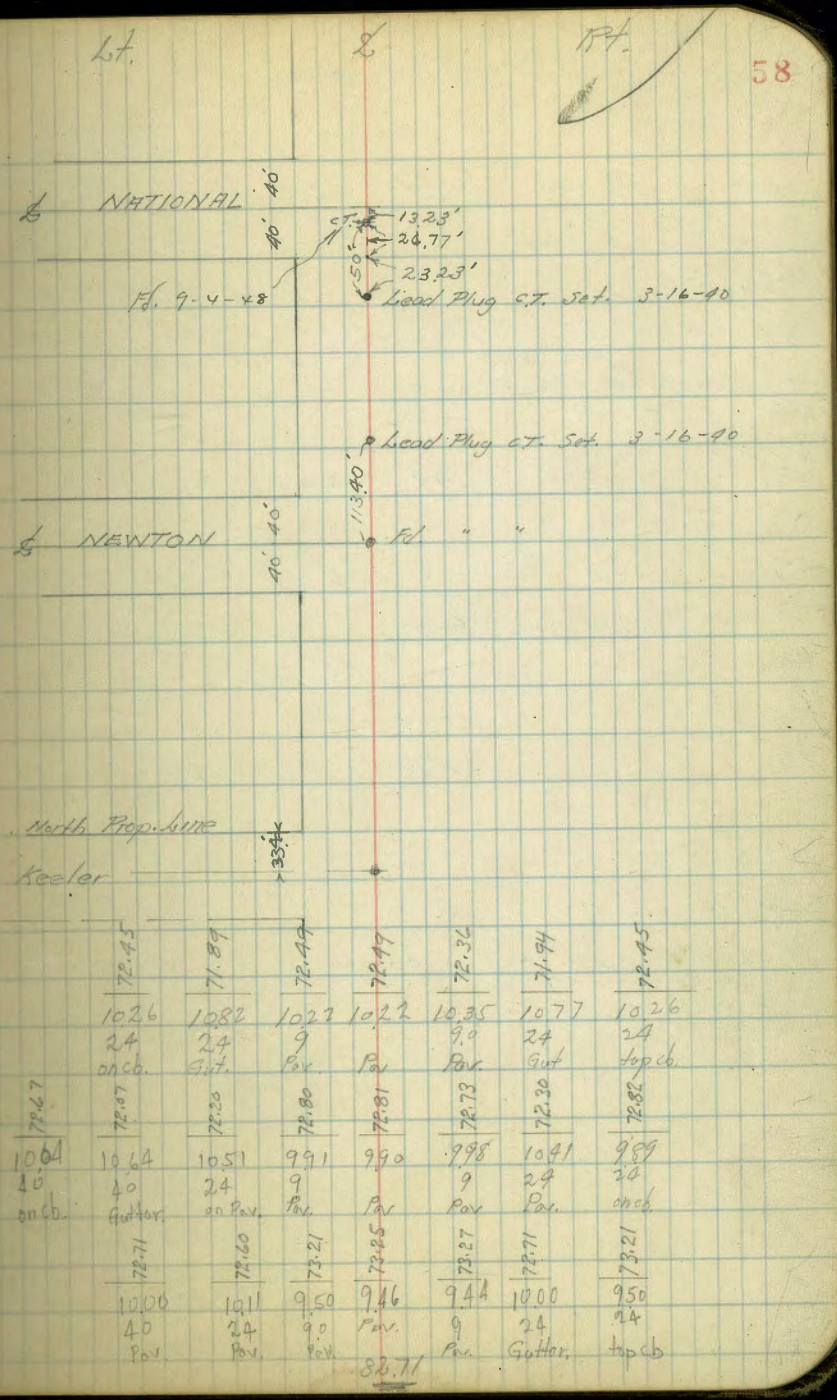
43rd St. Cross Section

Station								
15+27.7 = E.C. cb Ret. on E	72.81 / 9.9 / 40	73.21 / 9.5 / 24	73.50 / 9.21 / 9. Pav.	73.58 / 9.13 / Pav.	73.56 / 9.15 / 9.0 Pav.	73.11 / 9.60 / 24 Gutter	73.64 / 9.07 / 24 on cb.	
14+81.7 = N cb. Line Keeler on E	73.81 / 8.9 / 40	74.11 / 8.6 / 24	74.64 / 8.07 / 9.0 Pav.	74.70 / 8.01 / Pav.	74.63 / 8.08 / 9 Pav.	74.32 / 8.39 / 24 on Pav.	74.93 / 7.78 / 40 on Pav.	
14+66.7 ℄ Keeler on East.	74.21 / 8.5 / 40	74.61 / 8.1 / 24	75.07 / 7.64 / 9. Pav.	75.09 / 7.62 / Pav.	75.00 / 7.71 / 9.0 Pav.	74.68 / 8.03 / 24 Pav.	75.53 / 7.18 / 40 Pav.	
14+51.7 = S cb Line on E	74.81 / 7.9 / 40	75.01 / 7.7 / 24	75.34 / 7.37 / 9 Pav.	75.43 / 7.28 / Pav.	75.38 / 7.33 / 9 Pav.	75.03 / 7.68 / 24 Pav.	74.93 / 6.78 / 40 Pav.	
14+27 = Brk in paving.	75.11 / 7.6 / 40	75.31 / 7.4 / 24	75.90 / 6.81 / 9 Pav.	~~75.94~~ / 6.77 / Pav.	75.81 / 6.90 / 9.0 Pav.	75.46 / 7.25 / 24 Pav.	75.77 / 6.94 / 29.5 Gut at cb.	76.47 / 6.24 / 29.5 on cb Ret.
14+05.7 = P.C. cb Ret. on E	75.21 / 7.5 / 40	75.51 / 7.2 / 24	76.25 / 6.46 / 9 Pav.	76.34 / 6.37 / Pav.	76.26 / 6.45 / 9.0 Pav.	75.82 / 6.89 / 24 Gut.	76.51 / 6.20 / 24 on cb.	
13+50	76.21 / 6.5 / 40	76.71 / 6.0 / 30	76.21 / 6.5 / 24	76.15 / 5.56 / 9.0 Pav.	77.23 / 5.48 / Pav.	77.12 / 5.59 / 9 Pav.	76.73 / 5.98 / 24 Gut.	77.35 / 5.36 / 24 on cb.
13+00	76.91 / 5.8 / 40	77.61 / 5.1 / 30	77.41 / 5.3 / 24	77.96 / 4.75 / 9.0 Pav.	78.01 / 4.70 / Pav.	77.93 / 4.78 / 9 Pav.	77.55 / 5.16 / 24 Gut.	78.27 / 4.44 / 24 to cb.
12+71 = Brk in cb on E	77.51 / 5.2 / 40	78.01 / 4.7 / 24	78.43 / 4.28 / 9.0 Pav.	78.53 / 4.18 / Pav.	78.44 / 4.27 / 9.0 Pav.	78.04 / 4.67 / 24 Gut.	78.80 / 3.91 / 24 on cb.	

82.71

82.71

4350 St. Cross Section



0.00 = ✓

72.47 = BM.

T.P.
Cht. N.W.B. Keeler Rod 4350 10.24 72.47

15 +78.8 = E.C. Return N.W. Cor Keeler.

15 +62.8 = North cb line Keeler on West

15 +45 = South edge paving Keeler on West.

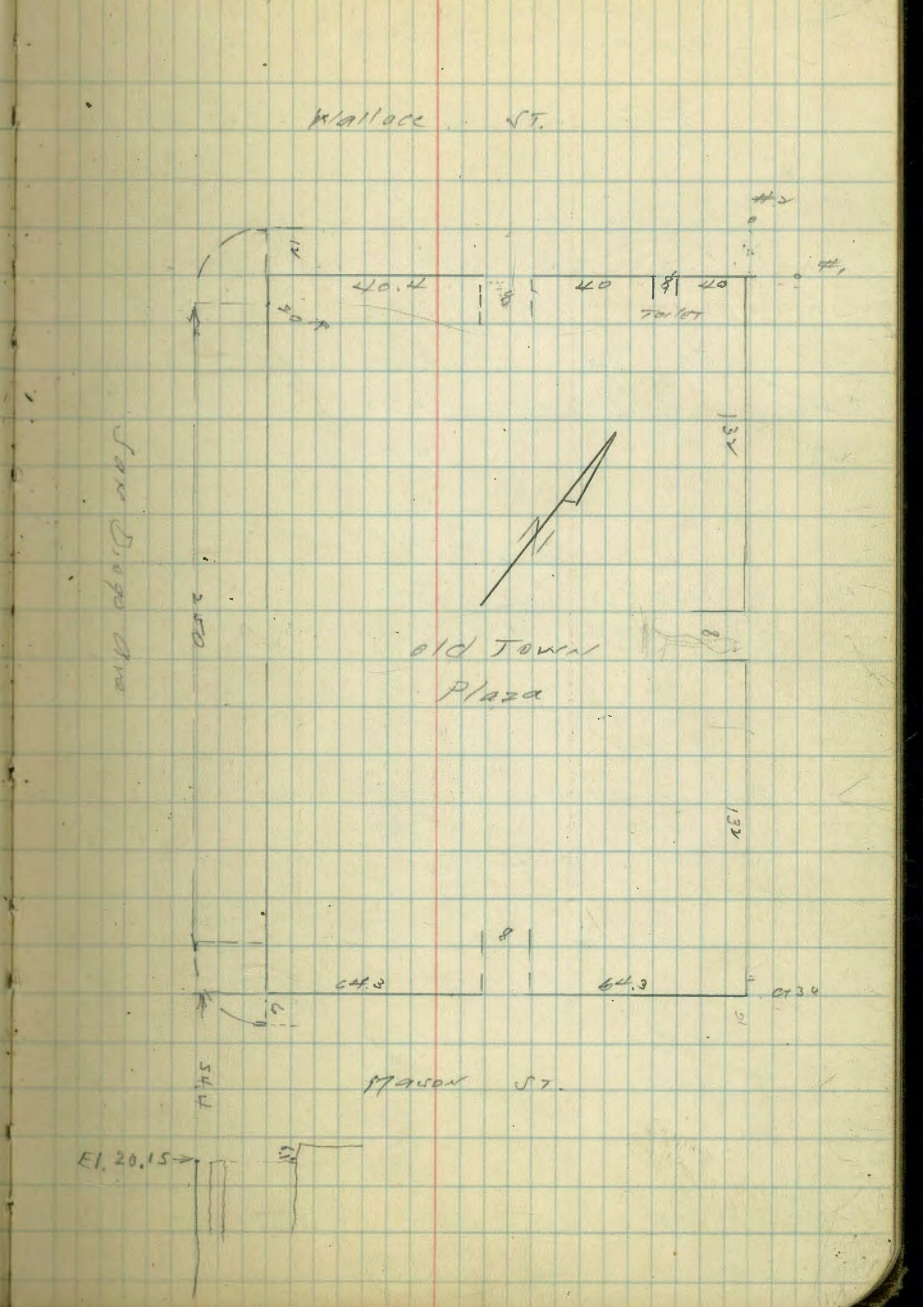
82.71

Levels on Old Town Plaza

				Indexed C.S.K.	Mason C.D.
SW BP	2.57	24.79		22.22	
S. Cor. Top 6" curb				5.14	19.65
Mason St. Ent.				4.55	20.24
Top walk at Grocery		Mason Calhoun		1.57	23.27
ground E. Cor Plaza				3.7	21.6
T.P.	0.40	21.99	3.20	21.59	
Calhoun Ent.				4.80	17.19
N. Cor. Plaza on ground			#1	7.5	14.5
"	"	"	#2	7.0	15.0
T.P.	3.78	18.89	6.88	15.11	
Toilet Ent.				4.05	14.84
Wallace "				4.10	14.79
W. Cor Plaza Top 12" CB				3.66	15.23
opposite above				4.67	14.22

Moore
11-13-87

59

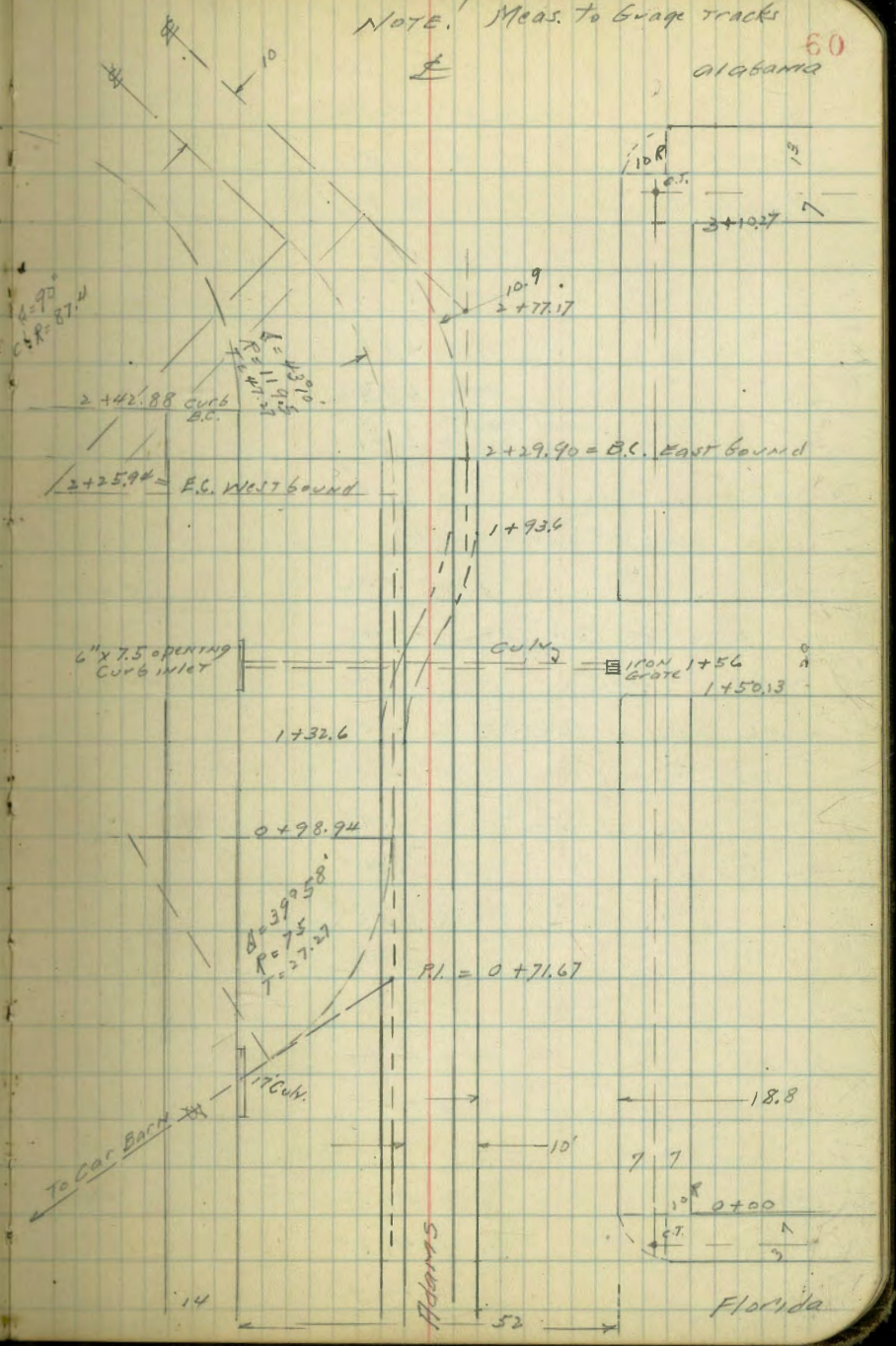


Adams Ave. Levels on Paving & Tracks for repaving Bet. Florida & Alabama

Moore 11-16-37.

Indexed C.S.K.

SWBF	2.44	342.44		340.00	Adams Florida
			Ely Florida		
S c6			3.61		
gvT			4.13		
1/4 = 9.4	from curb		3.60		
Rail			3.43		
"			3.43		
"			3.81		
"			3.81		
1/4 = 9.4	from curb		3.43		
gvT			3.97		
N c6			3.38		
	0+25				
c6 + gvT	in drive		4.28		
1/4			3.77		
rail			3.64		
"			3.65		
"			3.67		
"			3.69		
1/4			3.78		
gvT			4.44		
S c6			3.78		
"	0+39	Inlet Culv.	under track to Barn		
S c6			3.95		



	4.59
1/4	3.97
rail	3.80
"	3.80
"	3.82
"	3.81
1/4	3.93
gut Culv. under track & INLET To Car Barn	4.54
N cb	3.80
0+56 outlet Culv.	
N cb	4.16
gut & outlet Culv.	4.85
Top headwall	4.00
+ or rail of track to Barn	4.02
+ " " " " "	4.00
rail Main Track	3.98
"	3.97
"	3.98
"	3.98
1/4	4.07
gut	4.72
S cb	4.21
0+75	
S cb	4.02
gut	4.89
1/4	4.19

rail	4.00
"	4.02
"	4.02
"	4.03
top rail	4.07
1/4	4.22
gut	4.92
N cb	4.23
1+00	
N cb	4.48
gut	5.08
1/4	4.28
rail	4.09
"	4.09
"	4.07
"	4.07
1/4	4.31
gut	4.94
S cb	4.23
1+20	
S cb	4.44
gut	5.11
1/4	4.47
rail	4.18
"	4.18
"	4.20

rail		4.20
1/4		4.49
gut		5.22
N cb		4.60
	1+40	
N cb		4.70
gut		5.34
1/2		4.40
rail		4.38
"		4.39
"		4.34
"		4.36
1/4		4.63
gut		5.37
S cb		4.77
	1+50 13/2 N alley	
S.L. curb + gut.		4.76
S cb		4.99
gut		5.42
1/2		4.79
rail		4.53
"		4.51
"		4.52
"		4.52
1/4		4.78
gut		5.52

N cb		4.86
	1+56 + drain across Adams under tracks	
N cb & 7.5 CG inlet opening		4.85 6"x7.5'
gut on grate		5.41
1/4		4.92
rail		4.64
"		4.65
"		4.65
"		4.68
1/4		4.89
gut on grate		5.46
	1+70 43 E/y alley	
S.L. curb		4.79
Pav.		4.86
S cb		4.97
gut		4.48
1/2		4.97
rail		5.02
"		5.02
"		5.00
"		5.00
1/4		5.18
gut		5.44
N cb		4.99
	1+80	
N cb		5.01

gut		5.64
1/2		5.35
rail		5.28
"		5.23
"		5.20
"		5.20
1/2		4.88
gut		5.41
S c6		4.82
	1+90	
S c6		4.64
gut		5.23
1/2		4.75
rail		5.07
"		5.18
"		5.26
"		5.38
1/4		5.29
gut		5.48
N c6		5.00
	2+00	
N c6		4.87
gut		5.33
1/2		5.22
rail		5.11
"		5.02

rail		4.87
"		4.74
1/4		4.63
gut		5.12
S c6		4.81
	2+10	
S c6		4.49
		5.02
1/2		4.50
rail		4.52
"		4.64
"		4.68
"		4.77
1/2		4.90
gut		5.25
N c6		4.92
	2+20	
N c6		4.72
gut		5.18
1/4		4.73
rail		4.52
"		4.45
"		4.48
"		4.39
1/2		4.51
gut		5.00

S cb		4.50
	2+40 approx. in cb	P.C. 2+42.88 = curb P.C.
S cb		4.33
gut		4.89
1/4		4.40
rail		4.39
"		4.44
"		4.27
"		4.36
1/4		4.42
gut		4.81
N cb		4.28
	2+60	
S cb		4.27
gut		4.78
1/4		4.35
+9.4 =	S rail of S track Prod. par.	4.21
+3.8	rail	4.28
	"	4.30
	"	4.15
	"	4.26
1/4		4.25
+01 gut =	plus of N cb produced	4.64
N cb		4.35
	2+80	
S cb		4.19

gut	4.77
1/4	4.25
+9.4 = S line rail of S track produced ely	4.12
+10.6 = rail	4.19
rail	4.28
"	4.14
"	4.18
cb Prod. Linen +07 = gut.	4.52
N cb	4.22
S +10.27 = W 1/4 Ala. St.	
S cb	4.07
gut	4.59
1/4	4.12
+9.4 = S rail S track Produced	3.90
+15.2 " " "	3.82
+30.4 = S rail of S track	3.93
N " "	3.88
S " " N "	3.75
N " " " "	3.71
+32 from N ℄ curb Prod. ely	4.30 = gutter
N cb = 84' cb to cb	3.94

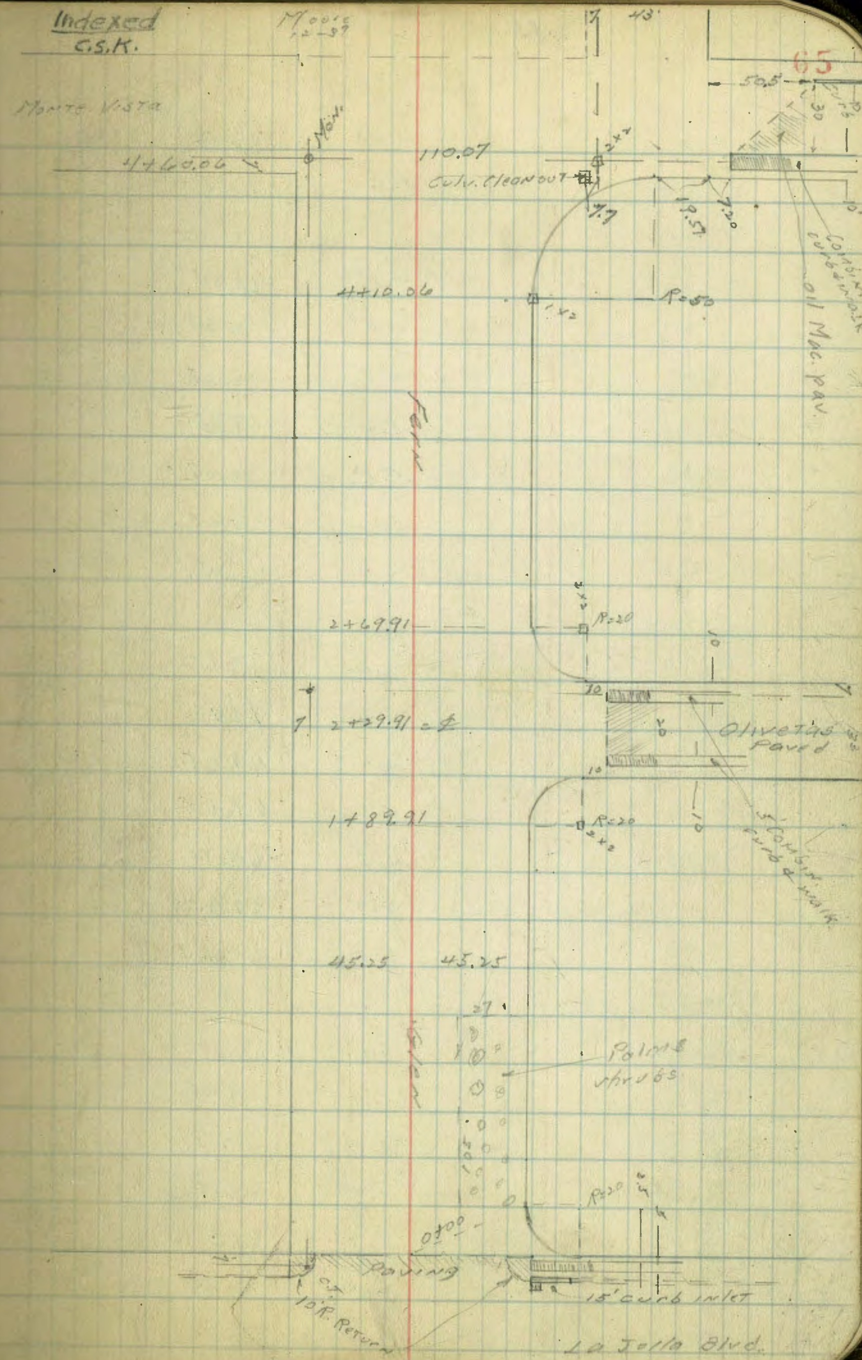
xsec of Fern Glen
La Jolla Blvd. to Monte Vista

90.5 wide
10' curbs
17.67

See F.B. 1357 p 36 no change
" " 1370 p 43 for ties

S.E.B.P.	1.16	80.17		79.01	Westbourne La Jolla Blvd.
T.P.	2.96	75.15	7.98	72.19	
0+0 -10 = w cb La Jolla Blvd.					
S gut pav.			4.48	70.67	
S cb			3.80	71.35	
cb pav			4.57	70.58	
1/4 "			4.60	70.55	
c "			4.76	70.39	
1/4 "			4.94	70.21	
cb "			5.23	69.92	
N " gut on grating			5.38	69.77	
N cb			4.40	70.75	
+20 cb			4.52	70.63	
+20 gut			5.31	69.84	
0+00 = Wly La Jolla Blvd.					
N			4.6	70.55	
cb top			4.73	70.42	
gut pav			5.44	69.71	
1/4 ..			4.77	70.38	
c ..			4.57	70.58	
1/4 ..			4.50	70.65	
cb gut pav.			4.56	70.59	

Indexed
C.S.K.



cb Top		3.88	71.47
S		3.6	71.55
	0+05		
S		4.3	70.85
cb		4.3	70.85
1/4		4.8	70.35
C		5.3	69.85
1/4		5.1	70.05
cb		5.1	70.05
N		4.8	70.35
	0+50		
N		6.0	69.15
cb		6.3	68.85
1/4		6.1	69.05
C		5.5	69.65
1/4		5.6	69.55
cb		5.4	69.75
S		5.5	69.65
	0+75		
S		6.1	69.05
cb		6.1	69.05
1/4		6.3	68.85
C		7.4	67.75
1/4		7.8	67.35
cb		6.8	68.35
N		6.6	68.55

75.15

	1+00		
N		7.6	67.55
cb		8.8	66.35
1/4		9.1	66.05
C		8.0	67.15
1/4		7.2	67.95
cb		7.0	68.15
S		6.7	68.45
	1+25		
S		7.4	67.75
cb		7.6	67.55
1/4		7.6	67.55
C		8.2	66.95
1/4		9.4	65.75
cb		9.7	65.45
N		9.9	65.25
	1+50		
N		10.1	65.05
cb		9.7	65.45
1/4		9.0	66.15
C		9.0	66.15
1/4		8.4	66.75
cb		8.4	66.75
S		8.2	66.95
	1+89.91 = PC on N.		
S		9.7	65.45

75.15

cb		9.7	65.45	
1/4		9.9	65.25.	
C		12.0	63.15.	
1/4		11.7	63.45.	
+8		11.9	63.25.	
+14.		9.1	66.05.	
cb		9.8	65.85.	
N		10.8	64.35.	
T.P. on L.S.	1.16	65.48	10.83	64.32	Glover E.C.
	2+09.91 = Ely Obiveras			
N - 20 = E.C. of P.L. line			3.2	62.28.	
N			2.6	62.88.	
cb			2.7	62.78	
+8			5.9	59.58.	
1/4			4.7.	60.78	
+8			5.0	60.48.	
C			3.6	61.88.	
1/4			1.1	64.38.	
cb			0.7	64.78	
S			0.8.	64.68	
	2+19.91 = E. cb			
S			1.0	64.48	
cb			0.8	64.68	
1/4			1.2	64.28	

65.48

67

C	4.1	61.38
1/4	5.2	60.28
+14	4.9	60.58.
cb	4.9	60.58.
N	3.1	62.38.
+20	3.8	61.68.
+30 Top cb end	3.51	61.97
+30 Out Par.	4.03	61.45
+40 " "	4.22	61.26
+40 Top cb	3.67	61.81
2+29.91 = E Obiveras		
-40 Par	4.30	61.18
-30 end "	4.13	61.35.
N	3.5	61.98
cb	3.2	62.28
+9	3.6	61.88
1/4	6.2	59.28.
C	6.5	58.98.
+5 Rim S.P.H.	4.60	60.88
+12	1.4	63.88.
1/4	1.7	63.78
cb	1.2	64.28.
S	1.3	64.18
2+39.91 Wly cb Obiveras		
S	1.3	64.18
cb	1.5	63.98

1/4		1.6	63.88
C		5.4	60.08.
+10		6.9	58.58.
1/4		4.0	61.48.
+8		1.8	63.68.
cb		3.8	61.68.
N		4.1	61.38.
+20		4.2	61.48.
+30	Top cb end	4.06	61.48
+30	gut. pav.	4.53	60.98.
+40	" "	4.67	60.81.
+40	Top cb	4.21	61.27.
	2+49.91 = Wly Diverg		
−20	= E.C. on WL.	4.3	61.18.
N		4.2	61.28
cb		3.3	62.18.
+11		2.0	63.48
1/4		4.2	61.28.
+7		8.1	57.38.
C		3.3	62.18.
1/4		2.0	63.48
cb		2.0	63.48
S		1.7	63.78.
	2+69.91 = E.C. on NL.		
S		2.7	62.78
cb		2.8	62.68

65.48

1/4		3.0	62.48
C		3.0	62.48
+8		7.9	57.58.
1/4		9.2	56.28.
+12		1.4	64.08
cb		3.9	61.58.
N		4.0	61.48.
	3+00		
N		5.2	60.28
cb		5.6	59.88.
1/4		7.3	58.18
C		5.9	59.58.
1/4		4.2	61.28.
cb		3.8	61.68.
S		3.7	61.78.
	3+25		
S		4.2	61.28.
cb		4.8	60.68.
1/4		5.9	59.58.
C		8.2	57.28.
+12		11.9	53.58.
1/4		11.0	54.48
+8		7.4	58.08.
cb		6.7	58.78.
N		6.5	58.98

	3+50			
N			9.0	√6.48
cb			9.2	√6.28
+10			14.1	√1.38
1/4			14.2	√1.28
+10			14.2	√1.28
C			11.1	√4.38
1/4			8.5	√6.98
cb			7.1	√8.38
S			5.8	√9.68
	3+75			
S			6.4	√9.08
cb			7.1	√8.38
1/4			9.8	√5.68
+12			14.4	√1.08
C			14.9	√0.58
1/4			11.2	√4.28
cb			10.8	√4.68
S N			10.8	√4.68 ✓
	4+10.06	B.C		
N			12.87	√7.61 on HUB
cb			12.3	√3.18
1/4			14.0	√1.48
+8			12.0	√3.48
C			11.1	√4.38
+12			8.6	√6.88

1/4			7.8	√7.68
cb			7.2	√8.28
S			6.8	√8.68
T.P.	1.92	59.16 ✓	8.24	57.24 ✓

4+45.42 = center of Curve on N.L.

S			1.9	√7.46
cb			2.2	√6.96
1/4			3.5	√5.66
C			4.8	√4.36
1/4			5.6	√3.56
cb			7.9	√1.26
N			8.8	√0.36
+1445 = ℄ curve			8.8	√0.36

4+60.06 = El. y Monte V. Sta

Sec. Mon taken on " "

S.L. of Fern Glen To east — 10' cbs, 17.60 WS

E of Monte V. Sta			2.5	√6.66
+7			3.0	√6.16
cb			3.8	√5.36
+4			5.0	√4.16

50' wide, 10' curbs, 7.5 1/4 S

E 1/2		4.4	S4.76
E Monte Vista		4.2	S4.96.
1/4		4.3	S4.86.
c6		4.2	S4.96
+4		4.0	S5.16
W.L.		4.3	S4.86.
S c6 Fern Glen to east			
W 2		4.5	S4.66.
+6		6.1	S3.06.
c6		4.8	S4.36.
1/4		4.9	S4.46.
c		4.7	S4.46.
1/4		4.8	S4.36.
+3		5.2	S3.96.
c6		4.4	S4.56.
+3		3.2	S5.96.
E		3.4	S6.56.
S 1/2 Fern Glen to east			
E Monte Vista		4.0	S5.16.
c6		4.4	S4.56
+4		6.0	S3.16.
1/4		5.8	S3.36.
c		5.7	S3.46
1/4		5.9	S3.26
c6		6.2	S2.96.
W		8.3	S0.86
+5		9.3	49.86

E Fern Glen to east		
-10	9.9	49.96.
W	8.7	S0.46.
c6	7.3	S1.86.
1/4	7.1	S2.06
c	6.9	S2.26.
1/4	6.9	S2.26
+3	7.4	S1.76.
c6	6.2	S2.96.
E	5.6	S3.56.
W 1/2 Fern Glen to east		
E	7.0	S2.16.
c6	8.2	S0.96.
1/4	8.1	S1.06.
c	8.0	S1.16
1/4	8.2	S0.96
c6	8.8	S0.36.
W	9.3	49.86.
+10	10.3	48.86.
W c6 Fern Glen to east		
-10	10.9	48.26
W	10.5	48.66.
c6	9.6	49.56
1/4	9.2	49.96
c	9.1	S0.06.
1/4	9.0	S0.16

cb		9.3	49.86
E of Monroe Vista		7.2	51.96
N.L. Fern Glen to East = 0+00			
E		8.5	50.66
cb		9.4	49.76
1/4		9.7	49.46
c		9.7	49.46
1/4		9.9	49.26
cb		10.2	48.96
W		10.8	48.36
+10		11.4	47.76
0+19.57 = S.L. Fern Glen to West			
-20		12.8	46.86
W		11.6	47.56
cb		11.2	47.96
1/4		10.8	48.36
c		10.6	48.56
1/4		10.6	48.56
cb		10.2	48.96
E Top grate of clean out		10.54	48.64
" F.L. Culv.		17.82	41.34
0+44.57 = ℄ Fern Glen to West			
E		9.2	49.96
+5		11.0	48.16
cb		11.2	47.96
1/4		11.4	47.76

c		11.8	47.36
1/4		12.0	47.16
cb		12.1	47.06
W		12.4	46.76
+20		12.4	46.76
0+50			
-20		12.5	46.66
W		12.5	46.66
cb		12.3	46.86
1/4		12.0	47.16
c		11.9	47.26
1/4		11.6	47.56
cb		11.4	47.76
+5		10.9	48.26
E		8.1	51.06 = E.C. of 50' R curve
0+69.57 = N.L. Fern Glen to West = 0+00			
E		8.1	51.06
+5		10.8	48.36
cb		11.3	47.86
1/4		11.7	47.46
c		12.0	47.16
1/4		12.4	46.76
cb		12.7	46.46
W = NW cor of Monte Vista and Fern Glen To West		13.2	45.96
+20		13.3	45.86

59.16

	0+07.2 = end of conc. cb. + sidew on E side Mont Vista		
W -10		15.6	43.56
W		15.0	44.16
+7		12.0	47.16
cb		12.0	47.16
1/4		12.2	46.96
C		11.9	47.26
1/4		11.6	47.56
cb dirt gut		11.7	47.46
cb Top		11.15	48.01
+5 edge sidewalk		11.04	48.12
E		8.2	50.96
	0+50.5 = end of cb		
E		9.5	49.66
+5 edge sidewalk		11.31	47.85
cb		11.40	47.76
" gut pan		12.08	47.08
1/4	"	11.84	47.32
C	"	11.75	47.41
1/4	"	12.07	47.09
cb gut	"	12.61	46.55
cb end		11.98	47.18
+5		12.0	47.16
W		13.3	45.86
+10		16.7	42.46

59.16

72

	1+00			
W Top cb		12.40	46.76	
" gut pan		13.06	46.10	
C "		12.10	47.06	
E gut "		12.48	46.68	
E cb		11.77	47.39	
T.P. 6.27	63.48 ✓	1.95	57.21	
		3.96	59.52 ✓	59.52

S.W. & P. Belvedere Monte Vista

12-14-37 Survey Drainage Ditch Orange to El Cajon
Mills Walker Bliss
at Bancroft
Indexed C.S.K.

BM.	0.98	367.64	366.66

N.W. Orange & 33rd

N. ch. Line Orange

E. End ch. inlet Top curb	9.51	358.13
" " " " gutter	10.45	357.19
℄ " " grating	10.61	357.03
℄ " " F.L. Box	16.30	351.34
W " " " gutter	10.55	357.09
W " " " Top ch	9.65	357.99
T.P. B/M R.P.	8.11 / 361.22	9.53 / 358.11

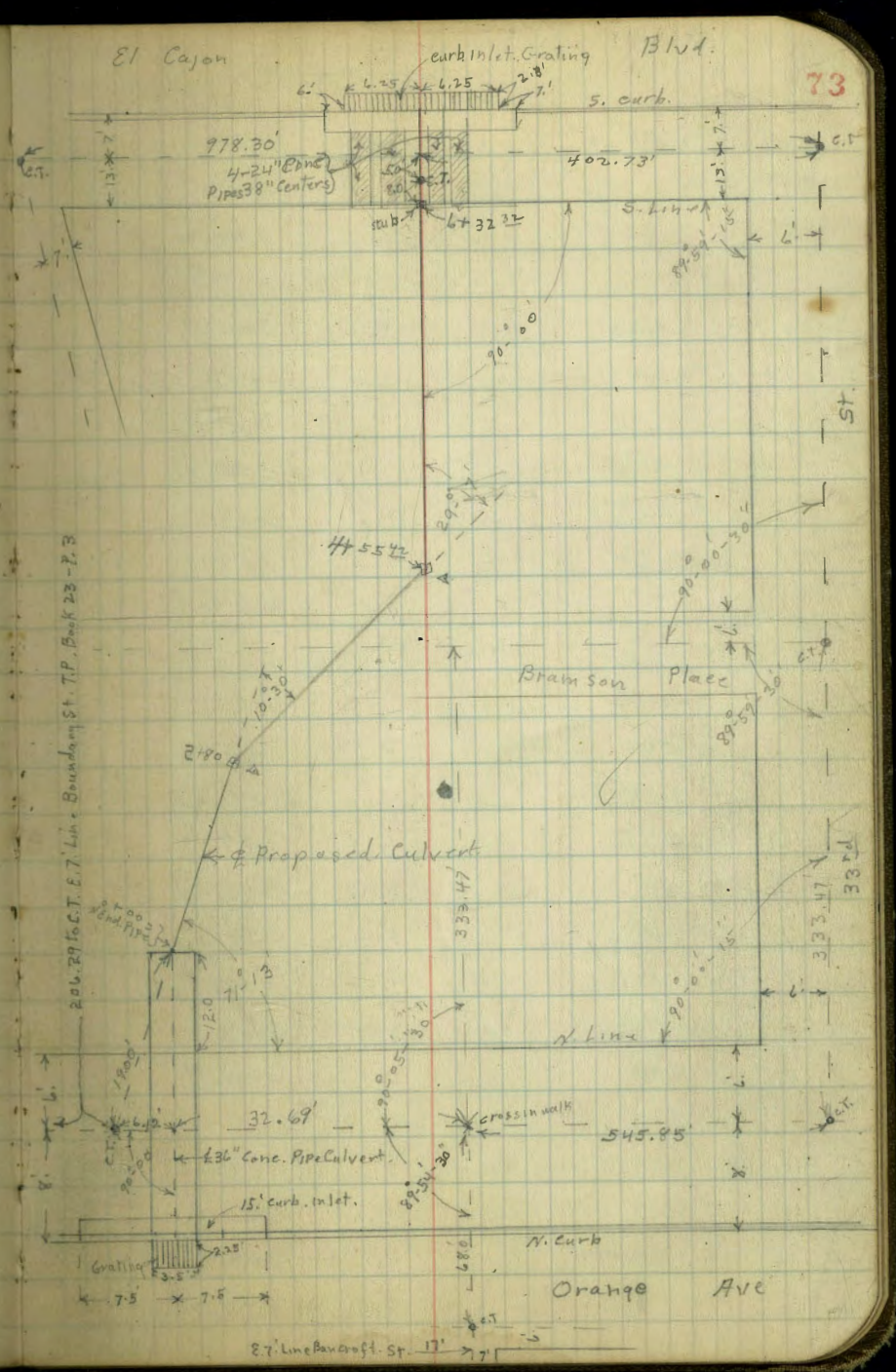
N.W. cor. Orange Ave & Bancroft

N. Line of Orange

15' Lt of ℄ Pipe	7.7	358.5
℄ "	9.0	357.2
15' Rt of ℄ Pipe	7.7	358.5

12' N. of N. Line = N. End 36" Pipe = 0+00 at 90°. to Pipe

15' Rt	8.1	358.1
9' Rt	8.3	357.9
℄ F.L.	14.45	351.77
8' Lt.	11.4	354.8
12' Lt.	7.0	359.2
20' Lt.	6.3	359.9
0+30		
25 Lt.	4.4	361.8
17' "	4.4	361.8
11' "	7.1	359.1
9' "	11.0	355.2
℄	12.4	353.8



9' Rt			11.7	354.5
13' "			6.5	359.7
20' "			5.6	360.6
		0+50		
25' Rt.			4.8	361.4
20' "			5.4	360.8
5' "			10.9	355.3
℄			9.9	356.3
+3 Lt.	wash		11.7	354.5
+8 Lt			7.5	358.7
15' "			4.4	361.8
20' "			3.4	362.8
		1+00		
25 Lt			4.1	362.1
20 "			4.7	361.5
13 "			6.3	359.9
℄			8.2	358.0
9 Rt.	wash.		9.7	356.5
17' "			7.5	358.7
25' "			3.9	362.3
30' "			2.8	363.4
		1+50'		
40' Rt.			2.0	364.2
30' "			2.0	364.2
17' "			7.4	358.8
11' "	= wash		8.5	357.7

℄		7.4	358.8
10' Lt		4.4	361.4
18' "		4.0	362.2
	1+85		
20 Lt		3.6	362.6
10 "		4.7	361.5
℄ = wash		8.0	358.2
12 Rt		6.6	359.6
23'		1.5	364.7
28' "		1.1	365.1
	2+10		
18' Rt		1.7	364.5
8' "		3.8	362.4
℄ = wash		8.0	358.2
10' Lt.		5.4	360.8
20' "		2.7	363.5
	2+50		
12' Lt		4.4	361.8
6' Lt		4.6	361.6
4' Lt.		6.6	359.6
℄ = wash		7.3	358.9
5' Rt		4.6	359.6
7' "		4.2	362.0
18' "		1.4	364.8
25'		1.4	364.8

2+80 △ 10°-30' Rt. on split of △

21 Rt		1.9	364.3
15 "		3.3	362.9
6' "		3.7	362.5
℄	wash	4.6	359.6
9' Lt.	"	6.0	360.2
13 "		3.2	363.0
20' "		3.0	363.2
	3+00.		
13		3.8	362.4
10' Lt	wash	5.5	360.7
℄	wash	5.7	360.5
3' Rt		4.5	361.7
14' "		3.8	362.4
20' "		1.8	364.4
	3+25		
20 Rt		1.9	364.3
13' Rt		2.5	363.7
3' Rt		4.8	361.4
℄	wash	6.3	359.9
3' Lt		4.9	361.3
11' Lt.		3.4	362.8
17' "		1.5	364.7
	3+50		
15' Lt.		2.1	364.1
5' "		2.1	364.1
2' "		6.3	359.9

366.22

℄	Wash.	6.3	359.9
2' Rt		6.3	359.9
3' "		4.1	362.1
8' "		2.5	363.7
15' "		2.2	364.0
T.R	8.13	373.71	0.64 — 365.58
	4+00		
17 Rt.		7.5	366.2
12 "		9.5	364.2
5 "		9.8	363.9
℄	wash	12.6	361.1
2' Lt	"	12.6	361.1
8' "		9.7	364.0
16' "		9.7	364.0
	4+40		
15' Lt		8.6	365.1
7' Lt.		8.8	364.9
2' Lt	wash	11.4	361.9
℄	"	11.4	361.9
6' Rt.		8.7	365.0
15' "		6.9	366.8
	4+55 HT △ 29°-17' Lt. on split of △		
10		6.6	367.2
6		8.4	365.3
℄ stub		10.73	362.98
4' Lt		11.2	362.5

373.71

△ (cont)

7' Lt.			9.0	364.7
12' Lt			8.5	365.2
		4+75		
9' Lt			8.2	365.5
3' Lt			8.5	365.2
℄	wash		11.0	362.7
4' Rt	"		11.3	362.4
7' "			8.7	365.0
12' "			7.0	366.7
		5+00		
15 Rt			7.0	366.7
8' Rt	wash		10.1	363.6
3' Rt	"		10.1	363.6
℄			8.1	365.6
10' Lt			7.0	366.7
		5+50		
12' Lt			4.7	369.0
7 Lt			4.7	369.0
℄			8.5	365.2
2 Rt	wash		10.0	363.7
5 "	"		10.0	363.7
11' "			5.3	368.4
		5+95		
15 Rt			3.0	370.7
5' "	wash		10.2	363.5
1' "	"		10.2	363.5

373.71

76

℄		8.4	365.3
8' Lt		3.0	370.7
12' "		2.8	370.9
	5+98		
9' Lt		3.0	370.7
0.3 Lt = Top S. End Rubble wall		5.80	367.91
℄ wash		10.2	363.5
9' Rt		10.2	363.5
11' "		5.4	368.3
15' "		3.0	370.7
	6+15		
14' Rt		4.0	369.7
9' " Top S. End Rubble wall		6.2	367.5
7' " wash		10.2	363.5
℄ "		10.2	363.5
3' Lt. "		10.2	363.5
5' "		3.7	370.0
10' "		3.7	370.0
6+32.32 = Wooden Bulkhead. S. End of 4 conic Pipes. 24" diam outlet.			
10' Lt.		2.3	371.4
7' "		3.1	370.6
6' " wash		10.0	363.7
F.L. of 4-24" Pipes		10.52	363.19
4' Rt wash		10.0	363.7
7' "		5.4	368.3
14' "		4.1	369.6

373.71

S. Line El Cajon 6+32.32 Top of wood. Bulkhead

15' Rt			3.2	370.5
℄			3.2	370.5
7' Lt.			3.0	370.7
14' Lt			2.5	371.2
	6+40 = S. Edge cmt. walls			
12' 25 Lt.			2.21	371.50
℄			2.26	371.45
13.25 Rt			2.19	371.52
	6+52.3 = S. ℄ El Cajon.			
13.25 Rt	= E. End. el inlet. ch.		2.37	371.34
" "	" " " " gutter		3.39	370.32
6.25 "	" " grating "		3.63	370.08
℄	" "		3.63	370.08
℄ F.L.	Box		10.05	363.66
6.25' Lt.	= W. End. grating gutter		3.62	370.09
12.25 "	= " " ch. inlet "		3.33	370.38
12.25 "	" " " " el.		2.35	371.36
T.P. C.T.	7.57	279.01	2.27	371.44
B.P. B.P.			4.69	374.32 → 374.25

℄ Culvert. S. ℄ Line of El Cajon S.W. 33rd & El Cajon Blvd.

3/2/38 Re. X See. City Police Station Site

Miller Watkins Bldg.

See. Page 36 for original X. See.

	B.M. B.P. S.E.			U.S. Coast & Geodelic
Pacific & Market T.P.	3.22 12.63	1.5.12 22.45	11.905 9.82	
	0+00 N+S = 9.			
0+00 E+W = E. Line Pacific		10.5	12.0 ✓	
50' E		11.0	11.5	
100. "		11.6	10.9	
150. "		12.0	10.5	
200. "		12.8	9.7	
2+37.5 " = ℄ Calif.		12.0	10.5	
275. "		12.7	9.8	
325. "		12.6	9.9	
375. "		12.6	9.9	
425. "		12.2	10.3	
475. " W. Line Kettner		12.3	10.2 ✓	
	0+50 South.			
0+00 E+W		10.5	12.0	
50' E		10.9	11.6	
100' "		10.9	11.6	
150' "		11.8	10.7	
200 "		12.2	10.3	
237.5 "		12.0	10.5	
275. "		12.7	9.8	
325. "		12.6	9.9	
375 "		12.6	9.9	
425 "		12.3	10.2	
475 "		12.4	10.1	

22.45

1+00 South.

78

00 E+W	10.5	12.0
50' E	10.7	11.8
100 "	10.9	11.6
150 "	11.5	11.0
200 "	12.0	10.5
237.5 "	12.0	10.5
275 "	12.7	9.8 ✓
325 "	12.7	9.8 ✓
375 "	12.7	9.8 ✓
425 "	12.3	10.2 ✓
475 "	12.5	10.0 ✓
1+50 S.		
0 0 E+W	10.0	12.5
50' E	10.3	12.2
100' E	10.7	11.8
150' "	11.0	11.5
200 "	11.5	11.0
237.5 "	11.5	11.0
275 "	11.8	10.7
325 "	12.3	10.2
375 "	12.5	10.0
425 "	11.7	10.5
475 "	11.8	10.7
2400 S.		
0+00 E	9.5	13.0
50 E	10.0	12.5

22.45

2+00 South

100 E.	10.5	12.0
150 "	10.7	11.8
200 "	11.0	11.5
237 5/10 "	11.0	11.5
275 "	12.3	10.2
325 "	11.8	10.7
375 "	11.5	11.0
425 "	11.2	11.3
475 "	11.3	11.2

2+50 South.

0+00 E+W	9.2	13.3
50' E	9.8	12.7
100 "	10.3	12.2
150 "	10.6	11.9
200 "	11.1	11.4
237 5/10 "	10.8	11.7
275 "	11.4	11.1
325 "	11.5	11.0
375 "	11.5	11.0
425 "	11.5	11.0
475 "	11.5	11.0

3+00 South

0+00 E+W	8.9	13.6
50' E	9.7	12.8
100' "	10.0	12.5
150' "	10.4	12.1

200' E	11.0	11.5
237 5/10 "	10.7	11.8
275 "	11.0	11.5
325 "	11.3	11.2
375 "	11.6	10.9
425 "	11.6	10.9
475 "	11.7	10.8

3+50 S

0+00 E+W	8.6	13.9
50' E	9.3	13.2
100 "	9.7	12.8
150 "	10.1	12.4
200 "	10.7	11.8
237 5/10 "	10.6	11.9
275 "	11.1	11.4
325 "	11.0	11.5
375 "	11.4	11.1
425 "	11.5	11.0
475 "	11.4	11.1

3+80 South

0+00 E+W.	8.3	14.2
50' E	8.8	13.7
100' E	9.2	13.3
150 "	9.8	12.7
200 "	10.5	12.0

22.45

3+80. South

237.5 ℄	10.5	12.0
275 "	11.0	11.5
325 "	11.0	11.5
375 "	11.4	11.1
425 "	11.3	11.2
475 "	11.3	11.2

IMPROVED TABLES

AND

INFORMATION

545.85
38.91

29-17
29-17
58-34

153.86
17.22
136.64

Monroe BM 18.34
11.90
3.44

34th S.E. B.P. 348.36
Wilson S.E. B.P. 391.51

300
6.8
68
75
78
78
76

125
7.5
1325
3
1295

189-59-60
96-04-30
89-53-30
89-53-30
179-47

7930
39.65

7.50
3.95
4.55

(278.90
139.45

111.32
63.09
174.41
530.35
10.46
532

146.70
34.32
181.02

153.96
89.60
24-44
63-12

165
78.94
243.94
121.97
65
56.97

231.54
25
206.54
33.57
240.07
50
290.07
142.96
433.03

382.39 S.E. Monroe
7.98
7.20
78
8.74

N.W. Iowa

167.96
75
742.96

383.22
4.78
388.00
3.25
384.75
5.62
390.37
BM + 7.20
- 6.48
+ 4.53
BM - 4.93
4.25
6.8

7.4 85 7.5 20 20
11 17 30 40

3. 32.77
7
400

30+20 80
25
105
25
130