

cover 892

F.B. 892

LEVEL BOOK

373

IND

892

KEUFFEL & ESSER CO.

DRAWING MATERIALS

AND

SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO.

SAN FRANCISCO.

ST. LOUIS.

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, 1885, 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.

4.974
4.850
9.824

4.120

5.704

20340 Mar +
Exchange

892

Chas. F. Smith

1444 Lincoln Ave.

Hil. 3462 J

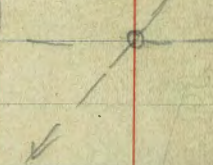
I Sewer line up Spruce Street
 + India to H. O. Lane + up
 Camp from lot line bet. Arctic
 H. O. Lane to Kite
 June 28/13
 1
 Otter
 Bunker

Sta.		H.I.	Rod	Level	Grade	cut		
0+00	M.H. lot line bet.	67.24	8.6	58.6	54.00	4.5		
+30	India + Arctic		7.12	60.12	55.51 ^v	4.6		
+75		79.01	12.28	66.73	57.77 ^v	9.0	60.14	Columbia
							6.05	
							66.17 H.I.	
2+10		85.15	13.8	71.3	64.56 ^v	6.7	57.47	
+50			12.80	72.35	66.57 ^v	5.8	8.70 ^v	
							55.51 ^v	
3+00			10.70	74.45	69.09 ^v	5.4	10.66 ^v	
+50			8.9	76.2	71.60 ^v	4.6	2.23	
							74.45	
4+00			6.08	79.07	74.12 ^v	5.0	76.68 H.I.	
							66.57	81.35
+173	M.H. center of Columbia 13/26	23.48	4.73	80.42	75.00 ^v	5.4	10.11	75.5
+50			12.10	81.36	76.37 ^v	5.0	64.56	88.96 H.I.
							12.12	76.37
5+00			10.34	83.14	78.47 ^v	4.7	74.45	12.59
+50			8.7	84.28	80.57 ^v	4.2	7.34	78.47
							81.79 ^v	10.59 ^v
+60.2	M.H. lot line bet. Columbia + State		8.11	85.37	81.00 ^v	4.4	69.09 ^v	81.00 ^v
6+00			6.18	87.30	82.73 ^v	4.6	12.70	7.96
+50			3.1	90.4	84.90 ^v	5.5	10.19	82.73 ^v
							74.12 ^v	6.23
7+00			1.34	92.14	87.07 ^v	5.0	7.67	84.90 ^v
+212	M.H. center of State	12.69 104.83	10.91	93.92	88.00 ^v	5.9	75.00 ^v	4.06
							8.79	
							92.14	
							8.15	
							100.29 H.I.	
							87.07 ^v	
							73.22	
							88.00 ^v	
							12.29 ^v	

-100- 25 41

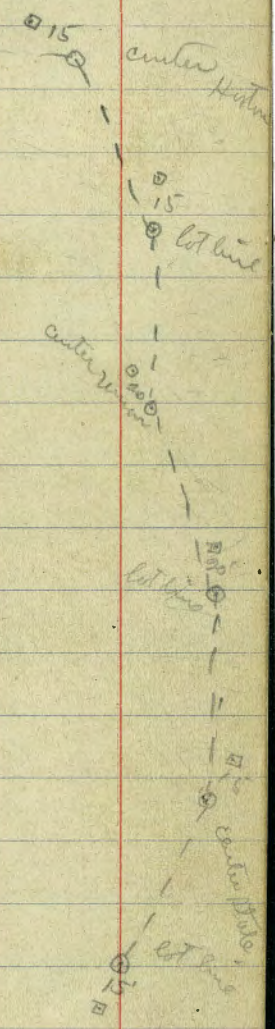
Columbia

India



Sta.		H.I.	Red	Ground	Grade	cut	
		104.83					100.29
7+50			10.8	94.0	89.93	4.1	89.93 10.36 93.27
8+00			6.17	98.66	93.27	5.4	7.02 96.62 3.67
+50			3.09	101.74	96.62	5.1	100.00 3.29
J.P.	13.00	117.65	0.18	104.65			108.81
9+00.6	M.H. lot line bet.		12.7	105.0	100.00	5.0	6.84 H.I. 115.66
+50	State + Union		8.84	108.81	102.82	6.0	102.82 12.83
10+00			5.34	112.31	105.67	6.6	105.67 9.98
+50			2.3	115.4	108.53	6.9	108.53 7.12
+93.1	M.H. center of		1.69	115.96	111.00	5.0	111.00 4.65
11+00	Union		1.78	115.87	111.08	4.8	111.08 4.57
+50			1.2	116.5	111.63	4.9	115.87 6.81 H.I. 122.68
12+00			0.58	117.07	112.19	4.9	111.63 11.05
J.P.	12.19	129.26					112.19
+50			11.6	117.7	112.74	5.0	10.49 112.74 9.94
+72.7	M.H. lot line bet.		11.17	118.09	113.00	5.1	113.00 9.68
13+00	Union + H. center		10.42	118.84	113.90	4.9	113.90 8.70
+50			9.7	119.6	113.55	4.0	115.55 7.13
14+00			8.39	120.87	117.20	3.7	117.20 3.48
+50			6.0	123.3	118.85	4.5	118.85 3.85
15+00			4.73	124.53	120.50	4.0	120.50 2.18
+44.7	M.H. center of		2.60	126.66	122.00	4.7	122.00 0.68
	H. center						

1796 July 13/13
 1093
 1272.7
 272
 1544.7
 K. builds
 Otter
 Bunker



cont. from page 2

July 7/13
 Childs
 Otter
 Bank

Sta.		H.I.	Rod	Ground	Grade	Cut	
J.P.	12.86	139.52					
15+50			12.09	127.43	122.81	4.6	center thru min 240 west
+94.7	min center						
16+00	east		5.42	134.10	130.49	3.6	
J.P.	12.78	152.04	0.26	139.26			
+50			8.32	143.72	138.17	5.5	
J.P.	12.28	163.97	0.35	151.69			
17+00			11.27	152.70	145.85	6.9	
+22	min.						
+27	M.H. 5' min. of center		8.12	155.85	150.00	5.9	
	of them going west.						
+50			3.47	160.50	155.35	5.2	
+99.4	min	12.91	0.21	163.76			
18+04.4	M.H. 5' no. center	1312.3	2.92	173.75	168.00	5.8	
J.P.		189.90	0.00	176.67			
+50	of Jackdaws.		8.99	180.91	174.92	6.0	
19+00	break		2.97	186.93	182.5	4.4	
J.P.		1360	0.37	189.53			
+50			2.85	199.28	192.84	6.5	
J.P.		13.26	0.26	201.87			
20+00			5.24	209.89	203.18	6.7	
J.P.		12,00	0.21	214.92			
+50			6.16	220.76	213.52	7.2	
+66.6	min.						
+71.6	M.H. 5' no. of center		3.66	223.26	218.00	5.3	
J.P.	up as going east.	11.32	0.50	226.42			
21+00		237.75	9.39	228.37	220.90	7.5	
+03	min.						
+50	break.		6.22	231.53	226.00	5.5	
22+00			4.20	233.58	228.20	5.4	
+29.4	min						
+50			2.56	235.19	230.39	4.8	
+63.8	M.H. center		2.16	235.59	231.00	4.6	
	+ Horton						

15
 Kilo + Horton

2 Kite Street from Horton to market. July 10/13

leilids
 Allen
 Bunker

Sta.		H.T.	Rod	Ground	Grade	Cut		
							238.09	249.51
0+00	m.H. Center Horton	248.64	13.05	235.59	231.00	4.6	245.83 H.I.	5.96
+50	+ Kite		10.55	238.09	232.03	6.0	232.03	255.47 H.I.
1+00			8.27	240.37	233.05	7.3	245.17 H.I.	243.66
+50			6.9	241.7	234.08	7.6	232.03	11.81
2+00			6.49	242.15	235.10	7.1	13.14	245.44
+50			6.3	242.3	236.13	6.2	233.05	10.03
3+00			6.35	242.29	237.16	5.1	12.12	247.22
+41	m.H. Center of Willow		5.9	242.7	238.00	4.7	234.08	8.26
+50			5.3	243.3	238.32	5.0	11.09	249.00
4+00			2.81	245.83	240.10	5.7	235.70	6.47
+50			1.2	247.4	241.88	5.5	10.07	251.00
J.P.	12.62	26052	0.74	247.90			236.13	4.47
5+00			11.01	249.51	243.66	5.8	9.04	
+50			8.1	252.4	245.44	7.0	237.16	
6+00			5.86	254.66	247.22	7.4	8.01	
+50			4.4	256.1	249.00	7.1	238.00	
7+00			4.12	256.40	250.78	5.6	7.17	
+06.3	m.H. Center of Brooks		4.0	256.5	251.00	5.5	6.85	

241.88

July 14/13
 Hildes
 after 5
 Bunker

Sta.	H.I.	Rod	Ground	Grade	cut			
	260.52					256.40		
7+50		3.3	257.2	251.98	5.2	7.84 264.24 251.98	263.78 5.45 269.24	261.45 6.60 268.05
8+00		2.05	258.47	253.10	5.4	12.26 253.10	257.08 12.16	256.08 11.97
+50		0.8	259.7	254.23	5.5	11.14 254.23	257.33 11.91	256.33 11.70
+84	M.H. Center of Putterbaugh	0.4	260.1	255.00	5.1	10.01 255.00	257.58 11.66	256.49 11.56
9+00		0.27	260.25	255.08	5.2	9.24 255.08	257.83 11.41	256.58 11.43
S.P. +50	10.85	271.10				9.16 255.33		
10+00		10.2	260.9	255.33	5.6	8.91 255.58		256.83 11.22
+50		9.65	261.45	255.58	5.9	8.66 255.58		
11+00		8.9	262.2	256.83	6.4	8.41 253.83		
+50		8.4	262.7	256.08	6.6			
+81.25	M.H. Center of Jorrence.	7.3	263.8	256.49	7.3			
12+00		7.31	263.79	256.58	7.2			
+50		6.9	264.2	256.83	7.4			
13+00		6.41	264.69	257.08	7.6			
+50		4.1	267.0	257.33	9.7			
14+00		2.99	268.11	257.58	10.5			
+30		2.9	268.2	257.68	10.5			
S.P. +50	5.17	273.28						
		5.0	268.3	257.83	10.5			

see page 8

2 Torrance Street from

Kite 350' west

July 12/13

Calculus
College
Blumberg

Sta.		H.I.	Rod	Ground	Grade	Cut		
		271.00					270.13	
							3.97	266.43
0+00	m.H. center Kite		7.3	263.8	256.50	7.3	274.10 H.I.	3.79
+50			6.6	264.5	258.40	6.1	264.70 ✓ 9.40	270.22 H.I.
1+00			4.67	266.43	260.30	6.1	264.50 ✓ 9.60	260.80
+50			2.8	268.3	262.20	6.1	264.30 ✓ 9.80	258.40 ✓ 11.82
2+00	break.		1.39	269.71	264.10	5.6	264.10 ✓ 10.00	
+50			0.8	270.3	264.30	6.0	262.20 ✓ 11.90	
3+00			0.97	270.13	264.50	5.6		
+50	F.S.		1.4	269.7	264.70	5.0		

cont. from page 5

July 16/13

Childs
Otter
Bunker

Sta.		H.I.	Rod	Invert	Grade	cut		
14+81	m.H. center of market.	273.28	5.5	267.8	259.00 ✓	9.8	269.24 H.I.	268.24 ✓
15+00			5.80	267.48	258.08 ✓	9.4	11.24 ✓	1.88
+50			6.8	266.5	258.28 ✓	8.2	258.08 ✓	270.12 H.I.
16+00			7.60	265.68	258.48 ✓	7.2	11.16 ✓	258.79
+50			6.8	266.5	258.68 ✓	7.8	258.28 ✓	11.33 ✓
+77	dead end				258.79 ✓		10.96 ✓	
17+00	break.		5.04	268.24	258.88 ✓	9.3	258.48 ✓	
+50			5.0	268.3	259.78 ✓	8.5	10.76 ✓	
18+00			3.80	269.48	260.67 ✓	8.8	258.68 ✓	
+50			2.8	270.5	261.57 ✓	8.9	10.86 ✓	
19+00			1.86	271.42	262.46 ✓	9.0		
+30	F.I.		1.7	271.6	263.00 ✓	8.6		

1677
1481
196 9.3

Prob. line in alley bet. puterbaugh

+ Torrence west of Kite.

Stalldo.
after 9
Bunker

July 23/3

Sta	8.49	H.I.	Rod	Elev.
	8.49	269.94		261.45
0+00			center of Kite	8.0
+30			white " "	23
+50				5.6
1+00				3.0
+50				0.8
2+00			-0.8	270.4

Server alley bet. Fretterbaugh + Torrence from July 25/13
 center of site 200' west } *Childs*
alter
10
Rankin

Sta		H.I.	Red	Ground	Grade	cut	
I.P.	10.94	272.39		261.05			261.91
0+00	10.5		261.9	255.75	6.2		7.85
+10	10.48		261.91	256.75	5.2		269.76 H.I. 256.75
+30	9.8		262.6	258.75	3.9		258.75
+50	8.0		264.4	259.72	4.7		12.01
1+00	5.37		267.02	262.14	4.9		259.72
+50	3.2		269.2	264.57	4.6		10.04
2+00	1.89		270.50	267.00	3.5		262.14

5

ℓ Prel. sewer on lot line bet.
from bottom of Canyon So. of Spruce

Columbia + State
to Redwood.

Nov. 6/13

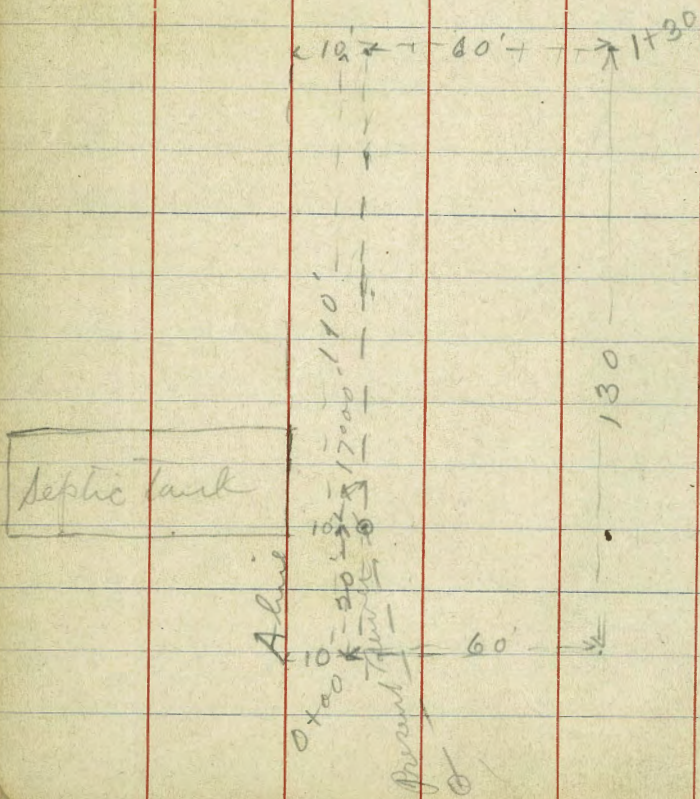
Builds
11
Bunker

Sta	J.P.	H.I.	Rod	Elev.
0+00	13.04	92.71	7.3	79.67
+25			4.8	85.4
J.P.	11.83	103.81	0.73	87.9
+50			7.5	91.98
J.P.	12.83	116.22	0.42	96.3
1+00	12.44	128.46	0.20	103.39
J.P.	12.45	140.36	10.9	116.02
+44			0.55	119.6
J.P.	13.07	153.09	2.2	127.91
+50			0.34	138.2
J.P.	9.33	162.39	11.0	140.02
+77			0.03	147.1
2+00			1.7	153.06
+89			0.0	160.7
+41			0.0	167.4
			-0.3	162.7
			1.1	161.3
Elev. 35' east of Columbia on south line Redwood.			12.0	150.4

Survey for relocation
of Septic tank
(Coast Boulevard - La Jolla)

Oct. 20/14

Heilds
 Allen 12
 Bunker



A line					B line				
B.N.I.		9.20	15.24	6.04					
0+00			1	10.5	4.7	0+00	15.2	7.8	7.4
+10				10.2	5.0	+10		9.6	5.6
+20	Top Septic tank			9.85	5.49	+20		9.3	5.9
+30				9.75	5.49	+30		8.3	6.9
+40				9.1	6.1	+40		8.1	7.1
+50				9.8	5.4	+50		8.1	7.1
+60				9.1	6.1	+60		8.5	6.7
+70				8.9	6.3	+70		8.5	6.7
+80				10.1	5.1	+80		8.8	6.4
+90				10.2	5.0	+90		8.3	6.9
1+00				10.5	4.7	1+00		7.9	7.3
+10				10.7	4.5	+10		10.0	5.2
+20				9.5	5.7	+20		8.1	7.1
+25				7.3	7.9	+25		6.7	8.5
+30				2.5	12.7	+25		8.1	12.1
*						+30			

C line

0400	15.24	7.4	7.8
+10		8.7	6.5
+20		9.2	6.0
+30		7.6	7.6
+40		6.6	8.6
+50		6.7	8.5
+60		7.3	7.9
+70		7.4	7.8
+80		8.0	7.2
+90		6.8	8.4
1400		7.1	8.1
+10		7.2	8.0
+20		7.2	8.0
+30		4.4	10.8

20 line

0400	15.2	6.2	9.0
+10		7.7	7.5
+20		8.2	7.0
+25		8.6	6.6
+30		7.4	7.8
+40		5.7	9.5
+50		5.2	10.0
+60		6.7	8.5
+70		6.2	9.0
+80		5.8	9.4
+90		6.8	8.4
1400		5.8	9.4
+10		5.9	9.3
+20		6.1	9.1
+30		5.0	10.2

15,24

E line

0+00	15.2	4.3	10.9
+10		5.3	9.0
+20		6.2	9.0
+23		7.8	7.4
+30		6.5	8.7
+40		4.8	10.4
+50		2.9	12.3
+60		3.7	11.5
+70		3.7	11.5
+80		3.3	11.9
+90		3.0	12.2
+93		4.9	10.3
+100		1.2	14.0
+10		4.6	10.6
+20		2.8	12.4
+30		2.5	12.7

15

J.P.

589 ^{K.I.} 20.56 0.57 14.67

F line

0	20.6	6.0	14.6
0+00		6.8	13.8
+10		12.0	8.6
+18		9.3	11.3
+20		7.0	13.6
+22		6.6	14.0
+30		6.4	14.2
+40		5.2	15.4
+50		4.1	16.5
+60		5.4	15.2
+70		4.6	16.0
+80		4.9	15.7
+90		4.7	15.9
+100		3.9	16.7
+10		3.7	16.9
+20		3.2	17.4
+30			

G line

0+00	20.6	5.4	15.2
+10		5.5	15.1
+20		5.9	14.5
+30		5.6	15.0
+40		5.4	15.2
+50		4.9	15.7
+60		4.7	15.9
+70		3.9	16.7
+80		4.9	15.7
+90		4.4	16.2
1+00		3.4	17.2
+10		2.9	17.7
+20		2.4	18.2
+30		2.4	18.2

H. line

0+00	20.6	4.8	15.8
+10		5.9	14.7
+20		7.5	13.1
+30		5.5	15.1
+40		4.9	15.7
+50		4.9	15.7
+60		4.5	16.1
+70		4.2	16.4
+80		4.2	16.4
+90		4.1	16.5
1+00		3.9	16.7
+10		3.3	17.3
+20		2.9	17.7
+30		2.4	18.2
+40		2.3	18.3

Levels for Cut Fall

	H.I.	B.M.	
4.15	10.19	6.04	
0+00 = M.H.		0.7	9.5
0+37		3.6	6.6
1+05		12.9	-1.7
+45		12.4	-1.2
+75	-1.25	5.5	-6.8
2+51		6.3	-7.5
2+89		6.8	-8.0
2+92		12.9	-14.2

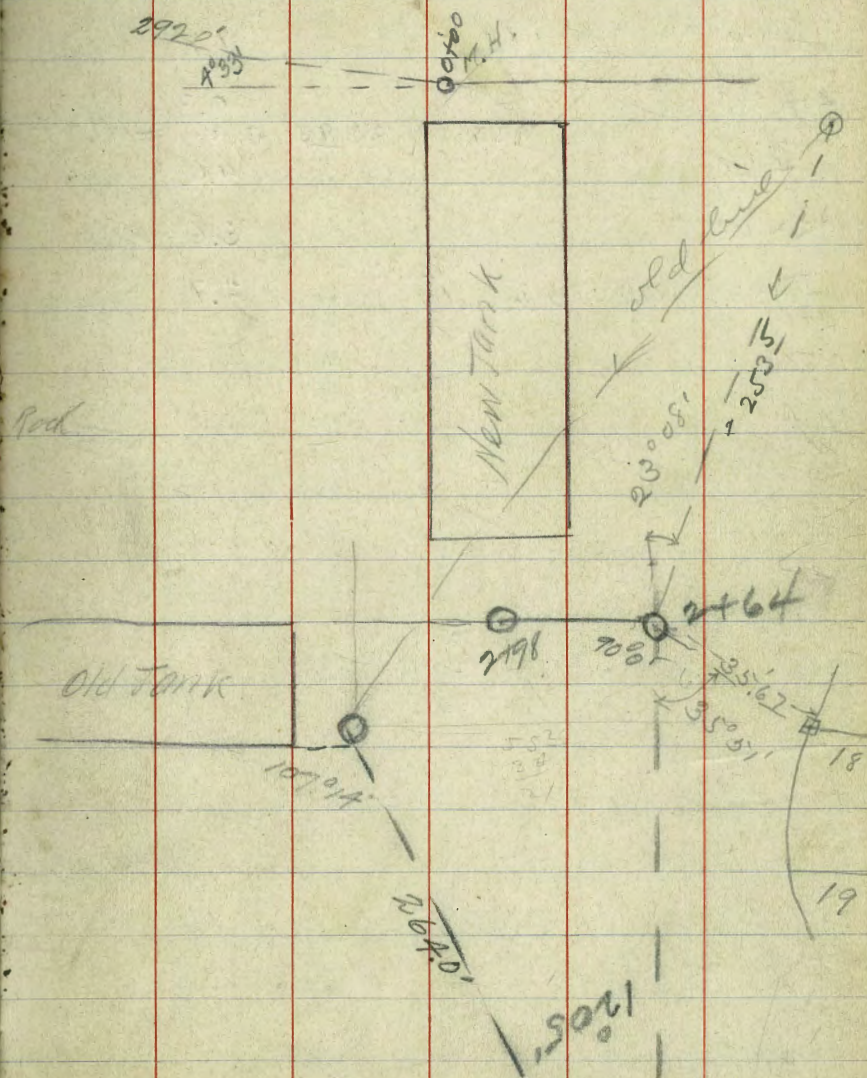
4.10.19			
- 12.94			
- 9.75			
1.50			
- 1.25	12.07	18.11	6.04

0+00 M.H.		1.2	16.9
0+90		5.1	13.0
1+90		2.9	15.2
2+64		2.9	16.2
2+98		9.9	15.2
			8.2

Nov. 17/14

Labels
of
17
Bunker

Lockwood Recorder



Elev bottom 11.4 10.5

Levels on sawa line from
to M.H. or old line to NE.

Sta. 2+64 on Page 17

Nov. 30/14
35.7
Builds
letter
18
Bunker

Sta.		H.I.	Rod	Elev.
	23° 08' R	12.61		6.04*
0+00	M.H. Sta 2+64	<u>18.65</u>	8.30	15.35
+50	on page 17		1.7	16.9
1+00			0.3	18.3
J.P.	8.58	<u>23.93</u>	3.30	15.35
+50			4.6	19.3
2+00			3.6	20.3
+53.5	M.H. constructed		2.7	21.2

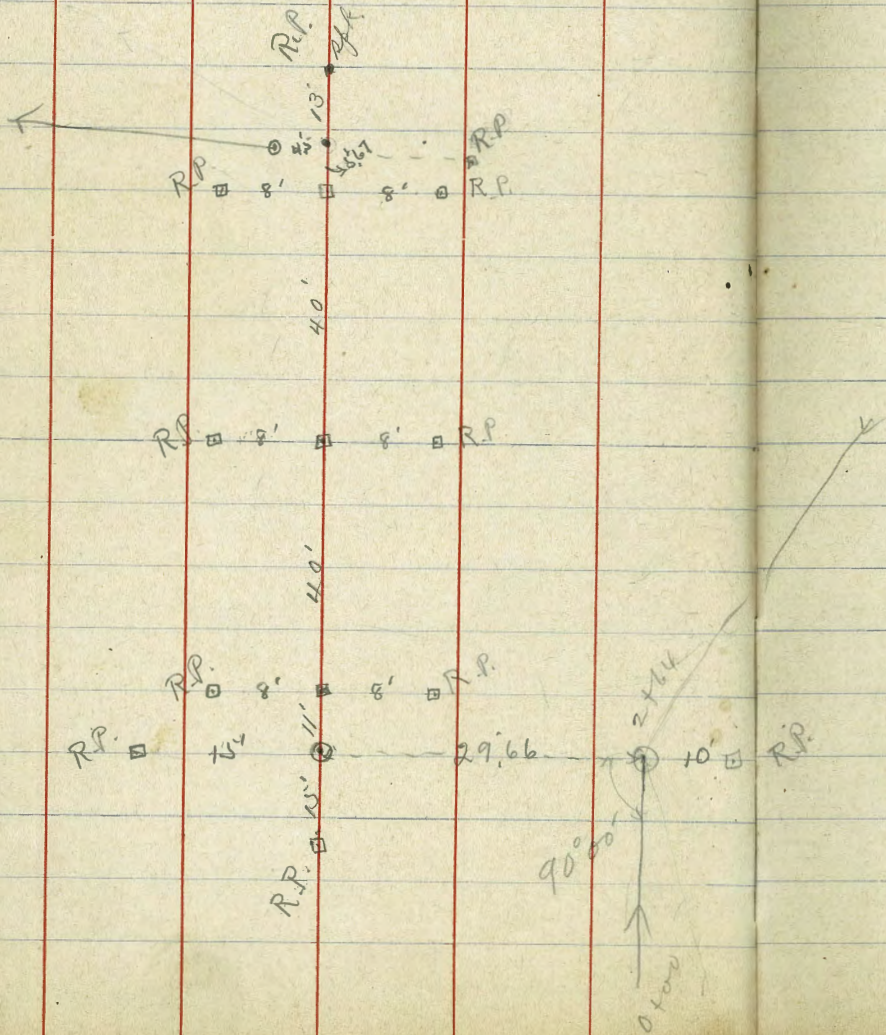
B.M. Spk fence post around Septic tank 8.67

Aug 16/15

Schiller
Evans
Shaw

19

outfall



aug 17/15

lelands
Eras
lane

Sta.

0+00
+50
1+00
+50
2+00
+64
3+00
+50
4+00
+50
5+00
+17.5

m.H. constructed
S.W. of Septic tank

m.H.

m.H. constructed
NE. of Septic tank

12.01

H.F. 21.44

Rod

Ground

Grade

Cut

4.54
7.68
8.9
7.5
6.15
6.1
4.85
3.6
2.41
1.5
0.77
0.3

9.43
16.90
13.76
13.9
15.29
15.3^v
16.59^v
17.8
19.03
19.9
20.67
21.1

10.50
9.84^v
9.18^v
8.52^v
7.85^v
7.00^v
8.21^v
9.88^v
11.56^v
13.23^v
14.91^v
15.50

6.4
3.9
3.3
5.4
7.44
8.3
8.4
7.9
7.5
6.7
5.8
5.6

15.29
293
18.22
7.85
10.37
8.52
9.70
9.04
9.84
8.38

16.59
3.24
9.83
7.00
12.83
4
13.23

16.59
4.33
20.92
8.21
12.71
9.88
11.04
14.91
6.01
H.I.
11.56
9.36
13.23
7.69



1
2
3
4
5

5
2
253.5

outfall line

Sta		H.I.	Rod	Ground	Grade	cut
0+00	M.H. North end	12.48	3.81	8.67		
	Septic tank		3.05	9.43	-7.00	16.4
+50			8.8	3.7	-7.68	11.4
IP,	1.84	3.39	10.93	1.55		
1+00			5.5	-2.1	-8.37	6.3
+50			5.53	-2.14	-9.05	6.9
	4.05	+1.91				
2+00			8.67	-6.76	-9.74	2.98
			9.63			
+50			7.68	-5.77	-10.42	4.65
+92					-11.00	

~~270~~ 1.08
 3.70
 4.78
 7.68
 12.46
 137
 12
 274
 137
 1644

8.67
 7.12
 15.79 H.I.
 5.00
 10.79
 7.50
 17.29
 8.67
 283
 40
 9320
 8.67
 3.21
 11.88 H.I.
 6.60
 4.04 H.I.
 8.16
 12.20
 5.28
 11.87
 0.01
 149
 +7.50
 1.66
 3.76 416
 67
 249

292 / 400 (1.37
 292 .68
 1080
 876
 2040
 2044

2.33
 8.67
 3.30
 11.97 H.I.
 11.20
 0.77
 7.50
 8.27 H.I.
 13.27
 93
 14.20
 93
 15.13
 768
 48
 816

7/28/23

Gregory
1700
137 1/2
Straw

Sewer Construction
Alley bet Park Blvd & 6th
from

155

Grade

80' W Georgia - Robn	8.07	320.06		311.99		
connect to present Man	47.51	of Postn = 0400	7.06		313.00	
0+21.4	14.55	332.21	0.40	319.66	313.81	5.85
0+71.4			10.55	321.66	315.74	5.92
1+21.4			9.95	322.26	317.68	4.58
1+71.4			9.73	322.48	319.62	2.86
+88			9.90	322.3		
2+21.4			7.26	324.95	321.55	+ 3.40
					323.5	4.71
2+71.4 = Drop M.H.			4.00	328.71	325.5	2.91
3+21.4			1.14	331.07	326.2	+ 4.87
TP	5.06	336.77	0.50	331.71		
3+71.4			4.50	337.21	326.9	+ 5.37
4+21.4			3.92	339.85	327.6	+ 5.25
4+71.4			3.15	339.62	328.3	+ 5.32
5+21.4 D.E 50' S. of S.L. Univ			3.90	334.97	329.0	+ 3.97

3/14/23

Gregory Moore Miller Shaw

Sewer Construction
& Jefferson from
M.H. about 95' N of
Co. Estudillo to
DE 25' S. of Wright

spk SE
Estudillo
& La Jolla

10.50
4.50
15.00
116.33
159.1
95.88

prelim
book 395-11

	12.40	89.80		77.40		
	17.71	101.68	0.83	88.97		
	12.76	114.33	0.11	101.57		
				95.10		
0+20 = break.			15.78	99.05	97.0	+2.05
+50	11.82 12.67	125.89 137.44	0.76 0.12	114.07 125.77	110.31	+3.76
1+00 break	14.31	150.33	3.20 0.42	135.24 138.02	132.50	+2.74
+35			7.67	142.66	138.75	+3.91
+70 break 1065		159.32	1.66	148.67	145.0	+3.67
2+00 DE			7.40	151.92	147.0	+4.92

M.H. & Jefferson 95' N of
& Estudillo
28910 + 17 page 32 this book
20 + 20

See 395/22623

8/2/23

General
Notes

Sewer Construction Alley
Blk 5
La Jolla Strand

see book 255-44 for prelim

BP NW
Granite
Blvd.

709
/ 305

book 255-44
5+00 = DE

0.57

69.73

68.76

2.53 59.90 53.17 + 6.73

+50 11.19 58.24 51.22 + 7.02

6 0.43 56.71 13.15 56.28 49.28 + 7.00

+50 7.95 53.76 47.33 + 6.43

7 4.64 52.07 45.39 + 6.68

+50 6.04 50.67 43.44 + 7.23

8 = M.H. 8.40 48.31 41.5 + 6.81

+50 11.40 45.31 37.73 + 7.58
T.P. 12.00 45.76 12.15 44.56

9 5.45 40.31 33.24 + 6.37

+50 9.35 36.71 30.16 + 6.25
T.P. 11.95 33.81

10 + 01.4 break. 26.28

+ 48.4 = M.H. & Anita (Vista Del Mar) 22.00

8/22/23 Grassy Sewer Construction
 & Alley Blks 10+5 La Jolla Park
 from 154' N of Pearl to 25' N of 52' La Jolla
 End of present sewer = 3+86 page 60
 = 0+00 = 986 101.74 1153 9021 84.96 5.25

+50	see page 60 for preliminary	1014	91.60	86.24	5.36
1		8.70	93.04	87.52	5.62
+50		7.30	94.44	88.80	5.64
+94 = M.K. & Pearl		6.17	95.57	89.93	5.64
2+50		4.27	97.47	91.22	+6.05
3		2.76	98.98	92.37	+6.61
+50		1.92	99.82	93.53	+6.09
4	7.80 109.21	0.33	101.41	94.68	+6.73
+50		6.80	102.41	95.84	+6.57
5		4.74	104.47	96.99	+7.48 ✓
+50		3.86	105.35	98.14	+7.20
6		105.25	99.30		
+09 = DE 25' N of 52' La Jolla		2.49	106.72	99.50	+7.22

See Page 60

99.15
 192
 801

99.5
 89.3
 95.7
 801
 801
 1560

192
 801
 6.09

Note: This line was extended 62' by Contractor (Hose + Lockwood)
 9-8-23 and later 590.86' by same Contractor
 under private contract See Book 895-PT
 895.

Sewer on Lafayette ave. from California to
 Canyon line north of Estudillo Street
 June 30/13 Sheet 30
 Bunker

Sta.		H.I.	Red Level	Grade	cut		
0+00	M.H. center Lafayette ave. just west of California	73.73	7.7	66.0	60.00	6.0	6.742 4.19 71.61 H.I. 60.74 70.87
+50			7.1	66.6	60.74	5.9	71.12 ^{12.45} 6.03 ^{67.23} 77.15 H.I. 64.44
1+00			6.22	67.42	61.48	6.0	12.71 9.39 62.22 62.96
+50			5.2	68.5	62.22	6.3	65.18 8.65 71.97 63.70
2+00			4.39	69.34	62.96	6.4	11.23 7.91 66.66 76.77
+50			3.5	70.2	63.70	6.5	70.49 H.I. 67.40 5.65 82.42
3+00			2.61	71.12	64.44	6.7	67.40 9.74 71.84 10.58
+50			1.7	72.0	65.18	6.8	68.14 9.01 68.88
4+00		80.05	7.47	72.58	65.92	6.7	8.27 69.62
+03.2	bank.						7.33
+13.2	M.H. 6' north of center of Noell		7.3	72.9	66.12	6.8	70.36
+50			6.8	73.3	66.66	6.6	6.79 71.10
5+00			6.30	73.75	67.40	6.4	6.05
+50			5.9	74.2	68.14	6.1	
6+00			5.41	74.64	68.88	5.8	
+50			4.9	75.2	69.62	5.6	
7+00			4.37	75.68	70.36	5.4	
+50			3.9	76.2	71.10	5.1	
8+00			3.28	76.77	71.84	5.0	

Cont. from Page 30

Stas	H. T	Rod	Ground	Grade cut		
8+50	89.86	12.50	77.36	72.58	4.8	8242 HI 72.58 9.84 ✓
+77.5 M.H. = 8+72.5		12.3	77.6	73.00	4.6	73.00 ✓ 9.42
on camphine						

7796 BM India & wider spt. in pole
NW. Cor.

4.82						
82.78 H.I.						
12.75						
70.03 S.P.						
1.44						
71.47 H.I.						
4.07						
67.40 S.P. 1+00						
11.64						
79.04 H.I.						
2.27						
76.77 S.P. 5+00						
12.80						
89.57 H.I.						
0.45						
89.12 S.P. 9+09.6						
12.55						
101.67 H.I.						
2.67						
99.00 S.P. 10+47						
12.92						
111.98 H.I. - 5.14						
0.69						
111.29 S.P. 106.84						
12.39						
123.68 H.I. - 2.44						
2.25						
121.43 S.P. - 1+00						
12.72						
134.15 H.I. - 2.71						
0.27						
133.88 S.P.						
12.71						
146.67 H.I. - 3.63						
0.37						
146.30 S.P. 143.04						
13.12						
159.42 H.I. - 6.76						
0.05						
159.34 S.P. 152.66						

12.80 HI

172.14 HI

0.80

171.34 S.P. 7+50

12.56

183.90 HI

2.25

181.65 S.P. 9+00.5

12.76

194.41 HI - 7.74

194.41 HI - 186.67

0.82

2+00

194.03 S.P.

11.26

205.09 HI

6.43 S.P.

198.66 - 4+00

13.08

211.74 HI

3.17

208.57 S.P. 6+30

12.33

220.90 HI

1.80

219.40 S.P.

11.81

231.21 HI

0.78

230.43 S.P.

8.43

238.86 HI

6.49

232.37 - 6+83.1

Correct elevation of 6+83.1

is 232.45

See Next Page

Also Books 375-395

July 2/17
 Lehighs
 Utter 32
 Bunker

Sta.		H.T.	Rod	Summ	Grade	cut	
7+72.5	M.H. = 8+77.5	89.86	12.3	77.6	73.00	4.6	82.42 HI. 75.15 7.27
8+00	in Lafayette ave. and road		11.43	78.43	75.15	3.3	93.96 5.79 99.75 HI. 87.05
+50			5.72	84.14	79.05	5.1	12.70 91.20
9+00			1.10	88.76	82.95	5.9	8.55 95.10
+09.6	M.H. at line		0.74	89.12	83.70	5.5	4.65 118.38
J.P.	bet. Lafayette and Jefferson	101.95	8.94	93.01	87.05	6.0	9.87 HI. 127.75
+50			7.99	93.96	91.20	2.8	113.70 118.38
10+00			2.95	99.00	95.10	3.9	8.59 126.97 HI.
+47	M.H. center of Jefferson	111.14	6.41	104.73	99.36	5.1	113.70 13.27
+50			4.30	106.84	103.77	3.0	117.39 9.58
J.P.		123.21	0.10	111.04	107.98	2.1	120.0 6.97
12+00			13.16	110.05	110.0	5.0	122.94 4.03
12+24	M.H. = 0+00 lot		8.2	115.0	110.0	5.0	125.21 1.76
0+50	line bet. Congress and Columbia	Prelim 881-97	4.83	118.38	113.70	4.7	
1+00			1.78	121.43	117.39	4.0	
J.P.		126.3	7.8	126.3	120.0	6.3	
+35.3	M.H. center of Columbia	134.06	6.10	127.96	120.67	7.3	
+50			5.90	128.16	122.94	5.2	
2+00			5.62	128.44	125.21	3.2	
+50							

11.47
900.6
137.0

cont. from page 32

July 2/13

Builds
after 33
Bunker

Sta.		H.I.	Rod	Brum.	Grade	cut		
J.P.		1248	146.36	0.18	133.88		126.97 H.I.	143.02
2+67.3	M.H. lot line			11.9	134.5	126.0	126.00	141.89
	bet. lot + no tie in					129.0	0.97	141.91 H.I.
3+00				12.47	133.89		133.89	131.56
							10.89	235
+50				3.32	143.04		144.78 H.I.	150.09
							131.56	4.94
+96.5	M.H. center			2.4	144.0		135.48	155.03 H.I.
J.P.	3' mostly center	13.74	159.44	0.06	146.30		9.30	143.32
4+50				9.35	150.09		139.13	11.71
							5.65	147.25
5+00				6.78	152.66		159.33	7.78
							5.01	149.00
+224	M.H. lot line bet			5.4	154.0		164.34 H.I.	6.03
	min + center						153.72	165.09
+50				6.1	153.3		10.62	6.73
J.P.		12.10	171.43	0.11	159.33		157.00	171.81 H.I.
6+00				12.10	159.33		7.34	161.28
							18.37	10.53
+53.8	M.H. center of			9.3	162.1		183.53 H.I.	165.92
	center						173.66	5.89
7+00				6.35	165.08		9.87	170.0
							177.0	184.81
+50				0.09	171.34		6.53	6.53
J.P.		11.75	183.09					191.05 H.I.
+94	M.H. lot line bet			8.0	175.1			179.68
	center + interchange							11.37
8+00				8.21	174.88			182.82
								8.23
+50				1.72	181.37			
9+00.8	M.H. = 1+07.2 on P.L. line			1.44	181.65			
J.P.		11.91	193.56					
1+50				9.06	184.50			
2+00				6.89	186.67			

Cont. from page 33

July 8/13 *Helix*
etter 34
Bunker

Sta.		H.T.	Road	Ground	Grade	cut		
J.P.		10.95	204.13	0.38	193.18		193.02	191.05
2+50				10.64	193.49	185.95	10.89	188.95
3+00				11.11	193.02	189.09		5.10
+14.5	3 months 4 months M.H. angle.			7.08	197.05	190.00	198.66	189.09
+50				5.92	198.21	191.84	4.07	1.96
4+00				5.47	198.66	194.44	202.73 H.I.	230.22
J.P.		12.70	211.36	5.90	205.46	197.03	190.00	9.14 H.I.
+50				5.6	205.8	199.63	12.73	239.36
5+00				2.79	208.57	202.23	191.84	226.82
+50				9.70	210.52	204.83	10.89	12.54
J.P.		11.65	230.22	9.5	210.7	206.00	194.44	231.92
6+00				4.92	215.30	211.45	8.29	7.44
+22.5	M.H. angle.			9.5	210.7	206.00	197.03	237.02
+50				4.72	215.30	211.45	5.70	2.34
J.P.		12.50	231.89	0.83	219.39	218.00	199.63	230.65
+83.1	M.H. Sheridan	5.10	236.52	1.47	230.42	220.00	3.10	2.93
7+00	T Jona Paul	6.49	238.94	3.07	232.46	220.00	208.57	233.58 H.I.
+50				9.0	229.9	221.72	7.88	218.00
8+00				8.72	230.22	226.82	216.45	218.00
J.P.		12.45	251.42	-0.23	238.97	237.02	202.23	15.58
+50				10.01	241.41	237.02	6.70	230.65
+88.95	M.H. Alley ltk.			5.54	245.98	241.00	215.27	230.65
6.							215.27	0.58 H.I.

888.95
 683
 205.85

cont. from page 34

Sta.		H.I.	Rod	Ground	Grade	cut
9+00		<u>251.42</u>	4.4	247.0	242.20	4.8
5.8	13.00	<u>264.45</u>	-0.03	251.45	247.64	5.1
+50			11.75	252.70		
10+00			5.75	258.70	253.08	5.6
+36	break		2.12	262.33	257.00	5.3
+76	M.H. center of Sunset Blvd.		0.62	263.83	258.00	5.8

114'
275.24 H.I.
0.36
274.88 I.P.
11.39 H.I.
286.27
3.37
282.90 B.M. Ingle side
of Sunset.

230 July 14/13 ^{Lehilds} ^{atten 35}
Bunker

262	914	241.41
5.60	33	12.67
267.93 H.I.		254.08 H.I.
257.00		241.00
10.93		13.08
872		242.20
259.21		11.88
258.00		247.64
9.93		6.44
		253.08
		1.00

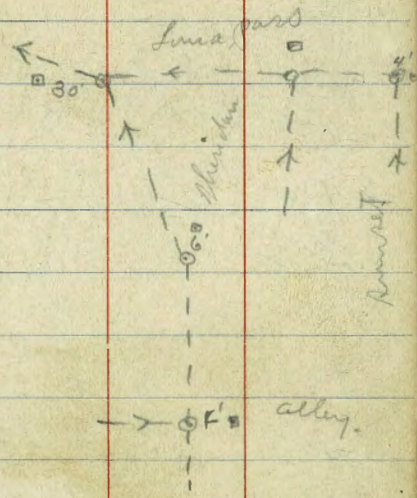
1076
889
187

2 Sheridan street from Loma pass to near Howard

July 9/13

Builds
alter 36
Bunker

Sta.		H.I.	Rod	Ground	Grade	cut	
0+00	M.H. Loma pass	241.85	9.40	232.45	220.0	12.5	230.65
+50	Sheridan		11.20	230.65	226.74	3.9	7.93 238.58 H.I. 226.74 11.84 ✓
1+00			4.18	237.67	233.48	4.2	233.48 5.10 ✓
J.P.	12.22	253.70	6.37	241.48			246.20 8.18
+50			8.70	245.00	240.22	4.8	248.40 H.I. 253.18 H.I. 240.22 ✓ 12.96
2+00	J.P.	12.05	264.13	1.62	252.08	246.96	5.1
+30	break		8.25	255.88	251.00	4.9	246.96 6.22
+50			7.61	256.52	251.40	5.1	251.00 2.18 ✓
+805	M.H. inameda drive		6.98	257.15	252.00	5.2	252.00 1.18 ✓
3+00			6.62	257.51	252.69	4.8	257.51 5.76 H.I.
+50			5.49	258.64	254.45	4.2	263.27 H.I. 252.69 10.58 ✓
4+00			3.11	261.02	256.21	4.8	254.45 8.82 ✓
+22.5	M.H. alley blk.		1.51	262.62	257.00	5.6	256.21 7.06 ✓
J.P.	(2) 6.78	269.40	5.11	264.29	258.77	5.5	257.00 ✓ 6.27
+50							
5+00	dead end		1.79	267.61	262.00	5.6	



4.27
240.1
1420

I Sewer in Blk. 6 in ~~inspiration~~ ^{inspiration} Hts.

July 15/13

Childs
 Otter
 Brum 37

Sta.		H.I.	Real	Ground	Grade	cut	
T.P. 0+00	Center Line	256.71	10.83	245.88	241.00 [✓]	4.9	246.55
+25	Pass + 5/20. of lot line Blk. (6)	break	11.16	245.55	241.40 [✓]	4.2	5.49 251.04 H.I. 241.40 [✓]
+50	inspiration Hts. break	13.19	268.72	1.18	255.53	249.00 [✓]	6.5 9.64 255.53
T.P. 1+00	break.		7.42	261.30	255.00 [✓]	6.3	5.93 261.46 H.I. 249.00 [✓]
+50			4.33	264.39	258.03 [✓]	6.4	12.46 255.00 [✓]
+82.6	dead end P.C. 45 radius		2.95	265.77	260.00 [✓]	5.8	6.46 258.03 [✓]
2+00			2.11				3.43
+25			0.95				260.00 [✓] 1.46
+40	dead end		0.06	268.66			

Sewer in Blk. (2)

Respiration Hts. July 15/13 Blk. 38
Other
Number

Sta.		H.I.	Rod	Ground	Grade	cut		
0 + 00	M.H. Sheridan	272.20	9.58	262.62	257.00	5.6	264.92 2.42 267.24 K.I. 257.23 10.01 257.70 9.54 257.93 ✓ 9.31	264.32 5.69 270.51 K.I. 257.46 13.05 ✓ 259.82 5.93 270.78 K.I. 258.39 12.36 ✓ 258.76 11.89 ✓ 259.32 ✓ 11.43 259.79 10.96 ✓ 260.25 ✓ 10.50 ✓ 260.72 ✓ 10.03 261.00 ✓ 9.78 ✓
+50			7.38	264.82	257.46	7.3		
1 + 00			5.94	266.26	257.93	8.4		
+50			4.5	267.7	258.39	9.3		
2 + 00			4.56	267.64	258.86	8.8		
+50)		4.9	267.3	259.32	8.0		11.2 11.66 12.12
3 + 00			5.27	266.93	259.79	7.1		
+50			5.4	266.8	260.25	6.6		
4 + 00			5.55	266.65	260.72	6.0		
+30	F.I.S.		6.8	266.4	261.00	5.4		

2. Sunset Boulevard from
near Howard.

center Louisa pass to
July 15/13

leholds
after 39
Bunker

Sta.		H.T.	Road	Ground	Grade	cut		
0+00	m.H. center of	276.98	13.15	263.83	258.00	5.8	267.93 H.F.	165
+50	Louisa pass. break		13.6	263.17	259.27	4.1	259.27 8.66 ✓ 7.89 ✓	972 259.27 258.75 0.46
1+00			11.95	265.03	260.04	5.0	260.91 ✓ 7.12 ✓	269.57 4.39
+50			10.4	266.6	260.81	5.8	261.59 ✓ 6.34 ✓	273.96 H.T. 263.90 10.06 ✓
2+00			9.33	267.65	261.59	6.1	262.36 ✓ 5.57 ✓	264.36 ✓ 9.60 ✓
+50			8.9	268.1	262.36	5.7	263.13 ✓ 4.80 ✓	264.68 ✓ 9.28 ✓
3+00			8.28	268.70	263.13	5.6		265.45 8.51 ✓
+50			7.9	269.1	263.90	5.2		266.22 ✓ 7.74 ✓
+79.74	m.H. alley bet.		7.73	269.25	264.36	4.9		267.00 ✓ 6.96
4+00	Howard + Linden Way.		7.41	269.57	264.68	4.9		
+50			7.2	269.8	265.45	4.4		
5+00			6.26	270.72	266.22	4.5		
+50	dead end.		5.0	272.0	267.00	5.0		

500
32.22
17.22

Alley bet. Howard + Arden
Blvd. north

Way from Sunset

Child 40
atten
Bunker

July 25/13

Sta.		H.I.	Rod	Ground	Grade cut		
0+00	m.H. center of	276.98	7.73	269.25	264.36	4.9	273.96 H.I.
+50	Sunset Blvd.		6.2	270.8	265.06	5.7	265.06 ✓ 8.90
1+00			4.97	272.01	265.77	6.2	265.77 ✓ 8.19 ✓
+50			3.98	273.00	266.47	6.5	266.47 ✓ 7.49 ✓
2+00	m.H. angle.		3.0	274.0	267.18	6.8	267.18 ✓ 6.78
+50			2.8	274.2	267.88	6.3	267.88 ✓
3+00			2.27	274.71	268.59	6.1	268.59 ✓
+12	m.H. angle.		2.2	274.8	268.76	6.0	268.76 ✓
+50			1.7	275.3	269.30	6.0	269.30 ✓
4+00	F.I.		1.7	275.3	270.06	5.3	270.06 ✓

4+00
 |
 |
 10
 3x12
 |
 |
 10
 2+00
 |
 |
 10
 0+00

Sewer in alley bet. Howard
from M.H. in Ft Stocklin 85' south

of Arden way

July 29/13

Rebuild
attn
Bunker 41

Sta.	H.I.	Rod	Ground	Grade	cut		
0 + 00 M.H. Ft Stocklin	265.22	4.6	260.6	256.00	4.6	265.87	275.15
+ 50 Blvd.	275.76	9.89	265.87	260.70 ^v	5.2	6.54 272.41	0.61 275.76
+ 85	9.08 277.87	6.97	268.79	264.0 ^v	4.8	260.70 ^v 11.71	12.71 263.05 ^{5.0}
+ 120 dead end		6.00	271.87	267.3 ^v	4.6	264.40 8.41 ^v	2.17 265.22
						267.3 ^v 5.11	

5

Sever through private prop^{about 46.2-} west
south of center of Robinson

of albatross +

July 29/13

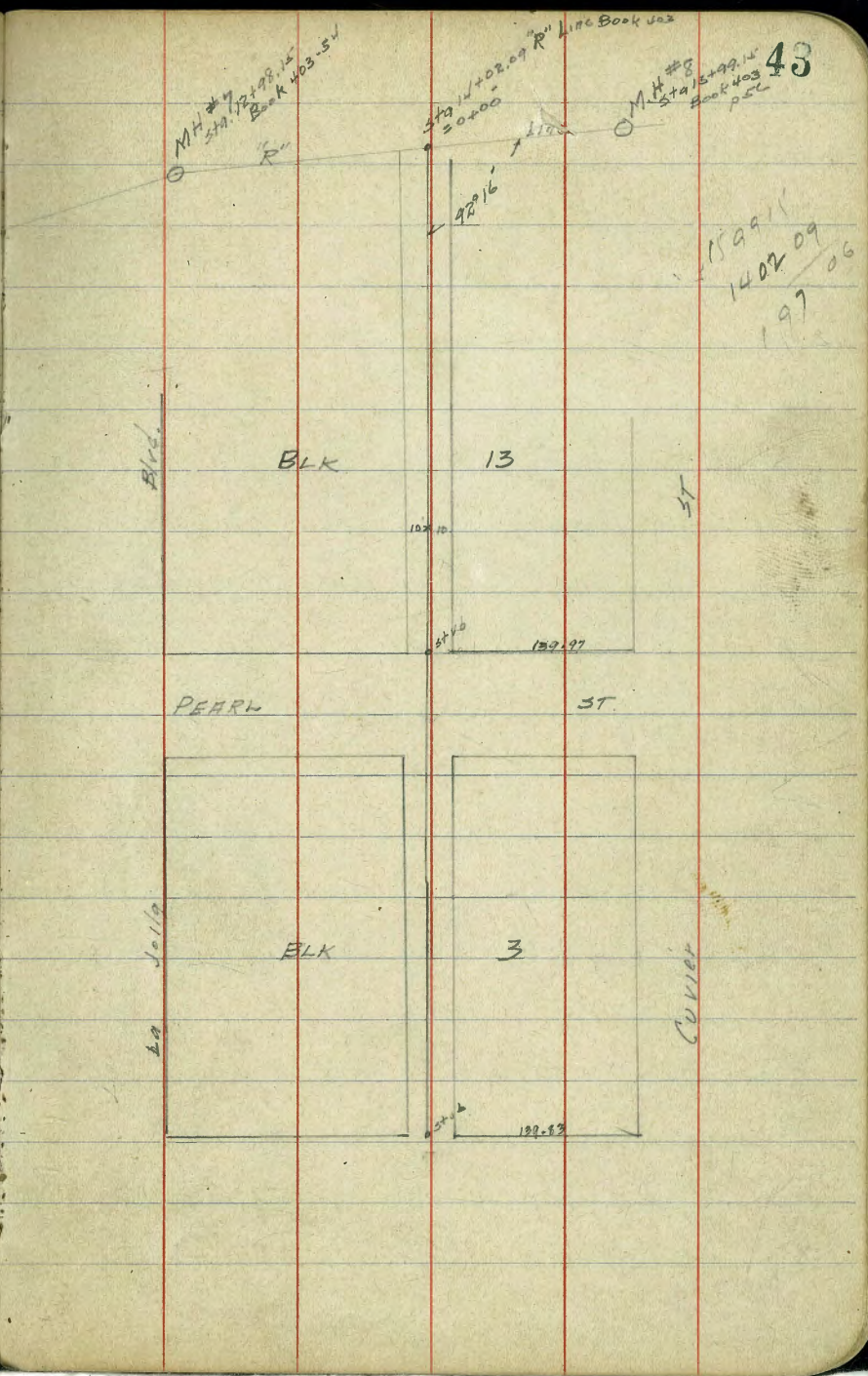
Childs 42
Alton
Bunker

Sta.	H.I.	Rod	Ground	Grade cut
J.P. 0+00 of center Robinson	2.66	269.72	267.06	
+10		4.6	265.1	260.0
+10		4.93	264.79	
+50		5.9	263.8	
+90	5	6.61	263.11	
1+10 dead end.		6.6	263.1	260.5

5' deep.

11/3/20 Gregory Sewer in Alleys Blk 3+13
 Mills
 Starv
 La Jolla Park

L	3.60	71.67	(69.07) (69.07?)	BP NE Lolo + Prospect	
Station 0+00 Rline=0+00			9.19	62.48	stub
0+35			6.2	65.5	
0+50			5.7	66.0	
1+00			5.0	66.7	
1+50			4.8	66.9	
2+00			5.1	66.6	
2+30			5.2	66.5	
2+50			4.3	67.4	
2+77			2.8	68.9	
3+00			3.0	68.7	
3+50			2.5	69.2	
4+00			1.9	69.8	
T.P.	9.59	79.85	1.41	70.26	
4+50			4.5	70.3	
5			8.9	70.9	
5+16.5v			8.70	71.1	stub
+45			8.1	71.7	
+56.5v = 1/2 of Pearl			8.2	71.6	
6			7.6	72.2	



6+50 6.7 73.1

7 5.4 74.4

+50 4.5 75.3

8 4.0 75.8

+50 3.3 76.5

9 1.7 78.1

+50 0.6 79.0

+95.88 = 3L La Jolla Park Add. 0.34 79.5 stub

13.64 66.21 5pk NE
Park + La Jolla

+50			8.3	112.7
+63			9.2	111.8
+67.07 = 5L Pearl			8.75	112.29 stub
+80			7.4	113.6
6			6.7	114.3
+50			4.7	116.3
7			3.1	117.9
+50			1.3	119.7
+75			1.1	119.9
8			2.2	118.8
+25			0.8	120.2
T.P.	12.39	132.29	1.14	119.90
+35			9.5	122.8
+50			8.7	123.6
+66			10.2	122.1
+79			12.1	120.2
9			9.2	123.1
+24			8.8	123.5
+30			10.2	122.1
+35			8.9	123.4

+50			7.4	124.9	
9+66.35 = SL. La Solla Pk. = A pt.			4.4	127.9	
	9.52	133.41	8.4	123.89	244 on 66 = 124.0
9+67			4.5	128.9	
10+00			3.4	130.0	
10+50			1.4	132.0	
10+68.15 = A pt.			0.4	133.0	
T.P.	14.30	145.01	0.70	132.71	
10+95 = W. Edge of garage which extends 2' from S side			16.0	134.0	
11+00 = Under garage			10.9	134.1	
11+19 = E. edge of garage			10.4	134.8	
11+50			2.5	136.5	
12			6.9	138.1	
+50			6.1	138.9	
13			4.0	141.0	
+50			2.0	143.0	
T.P.	12.83	154.26	0.58	144.43	
14			11.8	145.5	
+50			9.7	147.6	
15			7.6	149.9	

continued on page 50

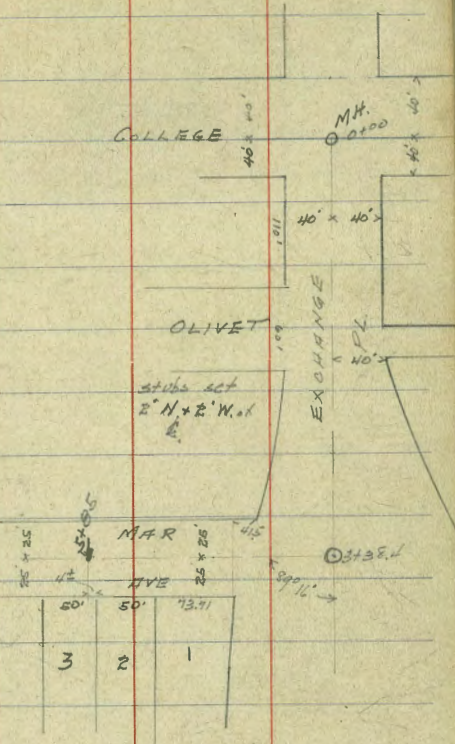
1/31/71
brager
Miller
Shaw

Senior Levels Exchange Pl. + Mar Ave
from E of College St. East

Ground Grade

				Ground	Grade	
B.M.	10.76	195.77		185.01	BP. 58	
0+00			11.02	184.75	182.30	
0+40 = EL College St.			10.05	186.72		
0+60 break.				187.92	184.0	+3.92
0+80			4.71	191.06	187.12	+3.94
T.P.	12.41	208.01	0.17	195.60		
1+50			10.20	197.81	193.37	+4.44
2+00			4.99	203.02	198.57	+4.45
T.P.	12.97	220.67	0.31	207.70		
2+50			12.62	208.05	203.78	+4.27
3+00			6.74	213.92	208.99	+4.94
3+38.4 Δ pt 89°16' R. (S' N of MA)			1.12	219.55	213.0	+6.55
4+00			3.00	217.67	214.35	+3.32
4+15			7.3	218.4		
T.P.	11.91	232.49	0.09	220.58		
4+30 break.				219.70	215.0	+4.70
4+50			10.80	221.69	217.58	+4.11
5+00			4.35	228.14	224.03	+4.11
T.P.	10.85	243.26	0.05	234.41		
5+50			8.05	235.21	230.45	+4.73
5+85			3.70	240.06	235.00	+5.06

over.



Survey in Mar Ave cont

Elev. of Floor of House 60 Max 5150 225.8

✓ - - - Garage's E v. 5185 241.4

Levels West of Sta 5400 = Approx 6 of Lot 3 Blk 77

0.48 228.62 228.14

7' W. of 5400 1.3 227.3

13' - - - 4.3 224.3

25' ✓ - - - 5.0 223.6

75' - - - 13.1 215.5

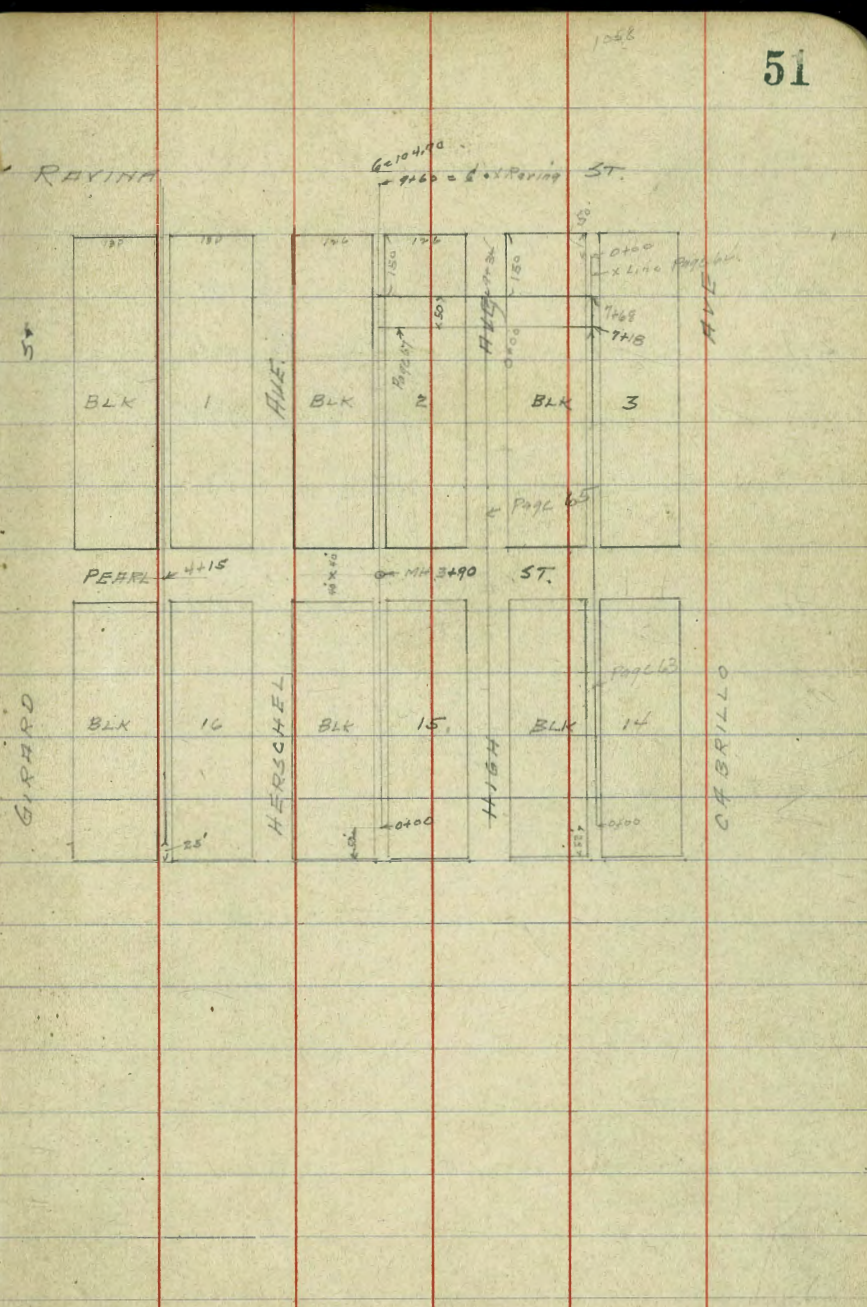
100 - - - 15.1 213.5

continued from page 49
157.26

50

15+50			5.3	152.0
16+00			3.3	154.0
16+43.15 =	W.L. GENTER.		2.8	154.5
16+73.15 =	d		3.2	154.1
T.P.	7.08	160.25	3.59	153.67
70' S. of E. of GENTER			6.2	154.6
100	✓	✓	3.9	156.9
150	✓	✓	1.6	159.4
200	✓	✓	0.1	160.7
T.P.	1.12	151.17	10.70	150.05
Return N.W. Faye Center			6.28	144.59

	170000 Miller Shaw	126.90 135.67	0.95	115.05 125.95
0+00 in Alley between Herschel & 4th St 250' 3.0' of Pearl	11.25 9.72		4.07	131.60
0+25			3.2	132.3
+50			3.9	131.8
1			5.5	130.2
+50			7.1	128.6
2			8.1	127.6
+50			9.4	126.3
3			10.3	125.4
+50			11.4	124.3
+90 = M.H. 4 of Pearl	11.9 123.85	12.99	122.68	
4+30			3.0	120.6
4+50			3.6	120.3
5			5.0	118.4
+50			7.5	116.4
6			9.9	114.0
+50			11.2	112.7
7			13.3	110.6
+90 = 10+50 on page 67 TP	0.55	111.62	12.78	111.07
+50			3.8	109.8



7+85

5.8

105.8

Ground water
is at higher

8

4.1

107.5

+40

1.7

109.9

+70

1.3

110.3

9+20 = 5L Raving

1.8

109.8

= Sta 36+68.4
on P 1116
book 403-61

9+60 = 4 Raving

1.7

109.9

4/27/21
 Gregory Moore Miller Shaw
 Sewer in Center Add
 Blks 1 + 16
 between Girard + Herschell
 3.0 x Paving

	12.94	127.99		115.05	BP. 5F Pearl + Girard
0+00 = 375 S. of	54 Pearl in allel between Herschell + Girard		+ 0.5	128.5	Ground 20' E 13 same elev 80' W. 12 higher
+50			1.2	126.8	
1			2.7	125.3	
+50			4.6	123.4	
2			6.2	121.8	
+50			7.6	120.4	
3			9.4	118.6	Ground 100' E 15 same elev 120' E is 3' lower
+50			11.3	116.7	
+75			12.3	115.7	
	136	11634	13.01	114.98	
4+15 = 6 Pearl			2.1	114.2	
+55			3.3	113.0	
5			5.8	110.5	Ground 50' E 3' lower 100' E 1' "
+50			8.4	107.9	they wrap line
+68			10.2	106.1	
6			10.7	105.6	
+50			11.3	105.0	

116.32

7 11.7 104.6

T.P. 2.18 105.60 12.92 103.42

+60 4.1 101.5

8 4.2 101.4

+50 4.6 101.0

9 5.9 99.7

+41 7.4 98.2

+45 = SL. Paving 8.1 97.5

+85 = d ✓ 8.7 96.9

= 579.33 + 32.55
on P line book
403-53

3.63 104.80 4.43 101.17

3pk Paving
+ Harsco

7.65 97.16

= flow line
MH # 23

54

6/15/01
 George
 Mease
 Miller
 Shaw

sewer in Alley's between
 La Jolla Blvd & Covier St.
 from Sewer Line in Ravine
 St 3. to S.W. La Jolla Park
 see page 43
 stakes set 6" E of Q of Alley.

	13.05	75.53	62.48		
0+00 - 1440209 R Line Book 403			13.18	62.35	59.5 + 2.85
+ 50			9.44	66.09	59.9 6.19
1			8.88	66.65	60.3 6.35
+ 50			8.50	67.03	60.7 6.33
2			8.40	67.13	61.1 6.03
+ 50 - M.H.			7.73	67.80	61.5 6.30
3			6.56	68.97	62.45 6.82
+ 50			5.98	69.55	62.80 6.75
4			5.43	70.30	63.45 6.85
+ 50			4.83	70.70	64.11 6.59
5			4.33	71.20	64.76 6.44
11.17		82.35	4.35	71.15	
+ 56.52 - M.H. E. of Pearl			10.82	71.52	65.5 6.02
6			9.83	72.52	66.23 6.29
+ 50			8.86	73.49	67.07 6.42
7			7.70	74.65	67.91 6.74
+ 50			6.93	75.42	68.76 6.67
8			6.31	76.04	69.59 6.45

Grade

65.35	59.12	59.60	60.73	60.7	61.1
9.25	12.1	11.7	11.5	7.5	10.6
71.60					
61.5	62.15	62.80	63.45	64.11	64.76
1.2	2.25	2.2	2.1	1.7	1.7
64.11	64.76	65.5	66.23	67.07	67.91
77.01	72.5	71.5	70.8	70.0	69.0
68.76	69.59				
2.26	7.07				

8+50

9

+50

+72 = DE

5.37

7698

70.44

6.54

4.04

78.31

71.28

7.03

3.06

79.29

72.13

7.16

2.88

79.47

72.5

6.97

77.91

70.44 71.28 72.13
4.57 5.73 4.83

72.5
7.51

9/23/21

Sevier Levels on 2 of
Blk 10 Inspiration Heights
from N.L. of Arden Way

	1.54	269.98		268.44	NW Angles + Summit.
0+00 = N.L. Arden Way			11.1	258.9	
+ 2			9.4	260.6	
+ 20			4.7	265.3	
+ 50			2.7	267.3	
+ 89.4 = End of present pipe					
T.P.	9.50	278.73	0.75	269.23	
1			8.2	270.5	
+ 27			7.4	271.3	
+ 28			6.5	272.2	
+ 50			5.0	273.7	
+ 63 = E. Side of House			4.3	274.4	
T.P.	8.00	286.23	0.50	278.23	
+ 75 = W side of House			5.2	281.0	
+ 43			4.9	281.3	
+ 44			4.0	282.2	
+ 50			3.6	282.6	
5			3.7	282.5	
+ 50			3.9	282.3	
4			5.1	281.1	

59
 2600
 295
 for construction of notes

20' W of Elmwood Lot 4

116.5
2.50360
250
950
122175 = 5.36
200 = 3.05

57

286.23

4+15

6.1 280.1

+25 in Exc.

11.0 275.2

58



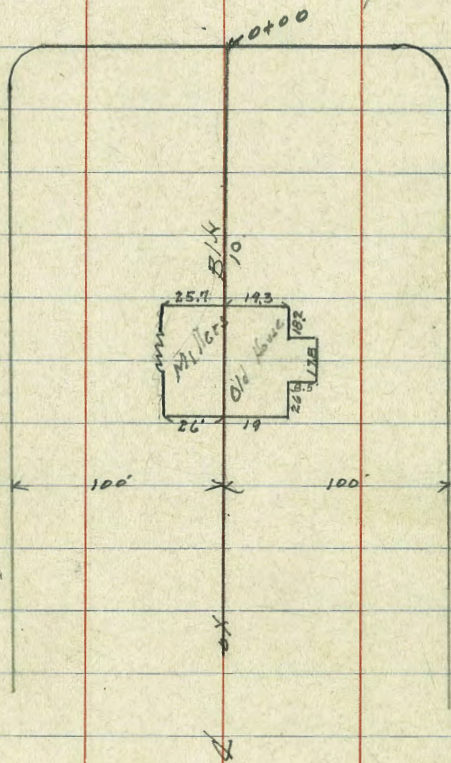
Arden Way

Blvd

Ave

5000

Dr 3000



STAKES ARE SET ON 2nd BLOCK

10/3/21 Gregory
 Mark
 Sewer
 Construction Notes sewer
 in P.O.W. Blk 10 Inspiration Heights
 beginning at End of present sewer
 89' N. of Arden Way to a point

	9.53		Ground	Grade	cut.
End of Present pipe =	277.97		268.44		
Sta 0+89.4 N. of Arden Way		7.86	270.11	265.76	4.35
✓ 1		7.20	270.97	265.83	4.94
1+25		6.63	271.34	266.0	5.34
1+50		4.10	273.87	266.17	7.40
1+75		2.67	275.30	266.34	8.96
2		+ 0.13	278.10	266.50	11.60
T.P.	8.89	286.85	0.01	277.96	
+25		5.75	281.10	266.67	14.43
+50		4.10	282.75	266.84	15.91
+75		4.14	282.71	267.0	15.71
3		4.25	282.60	267.17	15.43
+25		4.00	282.85	267.34	15.51
+50		4.46	282.39	267.50	14.89
+75		5.25	281.60	267.67	13.93
4		5.66	281.19	267.84	13.35
+15		6.46	280.69	267.94	12.65
+22.5		14.05	274.80	268.0	6.80

286.40 = Hd
 287.96
 18.44
 31.9
 286.88
 19.52
 287.02
 19.86
 286.69
 20.19
 283.87
 5.67
 279.54
 286.39
 13.5

10/28/21
Larson
Moore
Miller
Shaw

Sewer in alley
bet. Draper and Eads
S. of Silver St.

SE Pearl
+ Draper

	3.57	95.45	91.88				
	0.23	86.68	9.00	86.45			
0+00 = 21+63 Book. 403-56			7.21	79.47	75.08	+ 4.39	
+ 50			5.78	80.90	76.36	4.54	
1			3.75	82.93	77.64	5.29	
+ 50			2.48	84.20	78.92	5.28	
2			1.11	85.57	80.20	5.37	
+ 42 = End. at present.			0.23	86.45	81.27	+ 5.18	
9.60	95.45						
+ 90 M.H.					82.50		105.10
3			7.6	87.9	82.76	6+5.0	10.1 95.0
+ 50			6.3	89.2		+ 40	7.7 97.4
+ 86 = End of Sewer			5.0	90.5		+ 70	6.8 98.3
4			3.7	91.8		7	6.3 98.8
+ 50			2.3	93.2	87.88	+ 50	5.1 100.0
5							
on B.P.	13.22	105.10	91.88		SE Pearl + Draper	8	3.4 101.7
+ 35			10.8	94.3		+ 50	2.3 102.8
+ 39.5 = N.L. Pearl			10.8	94.3		9	0.6 104.5
+ 53			11.2	93.9		T.P.	0.11 104.99
+ 79.5 = f			9.7	95.4		+ 50	6.5 105.5
						10	5.5 106.5
						+ 20 = 34 La Jolla Park	5.1 106.9

See Page 25

11/30/71
 27+3826 R Line Book 103-87
 = 0+00 see page 45

CONSTRUCTION NOTES
 Sewer in Blks 7 & 8
 La Jolla Park
 1103 93.09

8320
 2516
 1507

Drop 8595'

			87.05			CUTS
			9.38	88.69	86.5	2.19
0+50			3.02	95.07	88.16	6.91
1	1300	110.47	0.60	97.47	89.82	7.65
+50			11.90	98.57	91.48	7.09
2			12.65	97.82	93.14	4.68
+60 M.H.			10.20	100.27	95.13	5.14
3			4.30	101.17	96.46	4.71
+50			8.00	102.47	98.12	4.35
4			7.44	103.03	99.78	3.25
+50	1215	122.30	4.51	105.96	101.44	4.52
			0.32	110.95		
5			11.08	111.25	103.10	8.15
+27.07 Pearl M.H.			10.90	111.20	104.0	7.40
+50			9.40	112.90	104.79	8.11
6			8.05	114.25	106.50	7.75
+50			6.13	116.17	108.21	7.96
7			4.04	118.26	109.92	8.34
+50			2.34	119.96	111.63	8.33
8	654	127.91	0.93	121.37	113.34	8.03
+50			4.26	123.65	115.05	8.60

SEE PAGE 69 FOR REVISIONS

1279

9

508

12286

116.75

6.11

+4807 DE

3.40

12451

118.17

6.34

X Line Page 51
From 50 S. at N.L. of Center Add
To 150 v " " " " " "
Alley bet High + Cabrillo
H.S. 124.93

0+00 1.9 123.0

+50 4.5 120.4

+75 6.1 118.8

1+00 = 7+68 Page 63 4.0 120.33

	Propose	Prelim Sewer	High St	
12/15/21		From 150' S of N.L. Center Add		
		To 50' N of SL		
	H.D.	124.93	From page 63	
0+00	= 150' S of N.L. Center Add	11.5	113.4	
	= 9+34 page 63			
+50	= 8+24 page 67	8.9	116.1	
1		6.5	118.4	
+50		4.8	120.1	
2		3.2	121.5	
+50		1.8	124.1	
TP	11.95	136.88	0.00	124.93
3		11.3	125.6	
+40.1	= N.L. Parol.	9.8	127.1	
+50		9.4	127.5	
4		7.7	129.2	
+50		4.8	132.1	
5		3.1	133.8	
+50		1.4	135.5	
TP	9.88	146.70	0.00	136.88
6		8.7	138.0	
+50		6.9	139.8	
7		5.7	141.0	

7+50

4.5

142.2

65

+70.1

4.5

142.2

Station	Notes	Drain	Lat	91.76	91.76	91.76	91.76
10	Gregory Moore Miller Street bet Cuvier + Draper	739	14.50				
	-0.12	91.76	91.88	stk 5E	+50	3.8	88.0
TP	1.80	80.52	130.4	Perch + Draper	8	2.5	89.3
	1.50		76		+50	1.0	90.8
1			74.5		TP	3.45	94.28
			4.5		9	2.5	91.8
+50			4.3		+50	1.4	92.9
2			3.6		10	0.0	94.3
+75			2.8		+12.0 = 56 La Jolla PK	+0.1	94.4
+50			2.9				
TP	13.04	91.76	1.80				
3			12.6				
+50			12.3				
4			11.4				
+50			10.4				
5			8.8				
+50			7.7				
+72 = 6 Peard	5472.26 Fig		7.7				
6			6.7				
+50			5.6				
7			4.8				

2/24/22

Gregory
Moore
Miller
ShawRevised Location for Sewer
from E. Alley E. of High to
E. Alley W. of High
see sketch page 51

	4.60	124.93	120.33	
7+18 on page 63 $\Delta 90^\circ L$		0.40	124.53	on stub
+50		2.0	122.9	
8		4.4	120.5	
+50		7.1	117.8	
+84 Δ High St. = +50 page 65		8.9	116.0	
9		10.0	114.9	
+50		12.2	112.7	
T.P.	1.65	114.33	12.25	112.68
10		4.2	110.1	
+50 = 7+20 page 51		5.12	109.21 119.81	on stub
		8.07	106.26	on stub 7+70

3/22

Gregory
Moore
Miller
ShawPreliminary Sewer
& Alley bet Ends + Fay
from F.T. N. of Rushville
S. to & Postbourne

	1.00	139.80	138.80	Rim of M.H.	+20		139.8	8.6	131.4 ✓
F.T. 21+50	Book 255-53				+50		9.1		130.7 ✓
0+00	bottom of F.T. Not Flow line 5.00		134.60	depth in F.T.	6		6.8		133.0 ✓
0+00		1.00	138.8 ✓		+50		4.3		135.5 ✓
0+50		4.00	135.8 ✓		7		0.7		139.1 ✓
+69		4.5	135.3 ✓		T.P.	3.21	136.39	6.62	133.18
+72		3.2	136.6 ✓		chk B.M.			5.02	131.37
+93		2.7	137.1 ✓						nails in post
+100		3.6	136.7 ✓						
+33		6.2	133.6 ✓						
+50		9.4	130.6 ✓						
+75		9.8	130.0 ✓						
2		9.2	130.6 ✓						
+30		8.5	131.3 ✓						
+70		4.7	135.1 ✓						
3		5.7	134.1 ✓						
+50		9.3	130.5 ✓						
4		11.3	128.5 ✓						
+50		11.8	128.0 ✓						
5		9.5	130.3 ✓						
									16779.2 ± Center

68

5/1/22

Revision of Construction
Sewer in Blk 7 + 8 La Jolla
from page 61

69

for mat	1280	99.84		87.04			
0+00			9.31	90.53	86.5		4.03
0+50			8.31	↑ 91.53	88.16	Ground .6 lower	3.37
1			7.31	92.53	89.82		2.71
+50			5.78	94.06	91.48	✓ .6 lower	2.58
2	9.24	104.01	5.07	94.77	93.14	✓ .6 ✓	1.63
+50			8.01	96.00			
+60 M.H.		101.24	4.54	96.40	95.13		1.27
3			3.74	100.27	96.46	✓ 3.5 lower	3.81
+50			6.06	97.95	98.12		- 0.17
4	x 67 98.0		5.45	98.76	99.77		- 1.01
T.P.	1260	114.56	2.05	101.96			
+50			9.25	105.31	101.44	Ground 4.0 lower	3.87
+70			11.9	107.66		= ✓	
+85			5.3	109.26		= ✓	
5	5.46/7 /9		3.62	110.94			
+27.07 M.H. & Parh.			3.02	111.54	104.0		7.54
+50			3.32	111.24	104.79		
+68			2.8	111.76		= Ground	
+72			4.9	109.66		= ✓	

T.P.	1288	126.27	1.17	113.39			
6			11.28	114.99	106.50	Ground 5.0 lower	8.49
+50			9.48	116.79	108.21	✓	5.4 ✓ 8.58
7			7.96	118.33	109.92	✓	5.7 ✓ 8.41
+50			6.10	120.17	111.63	✓	6.5 ✓ 8.54
8			7.28	118.99	113.34	✓	4.2 ✓ 5.65
+45			10.1	116.17		= ✓	
+50			8.49	117.78	115.05		2.73
+62			4.6	121.67		= ✓	
+75			5.2	121.07		= ✓	
9			2.75	123.52	116.75	Ground 1.5 lower	6.77
+42.07 DE			1.76	124.51	118.17		6.34

Sewer Construction in
 Alley bet Girard + Herschell
 from E. of Raving to 45th St. E. Pearl

4.75	109.18				
6.00		12.14	97.04	92.94	4.10
+50		10.58	98.60	93.72	4.88
1		8.42	100.76	94.50	6.26
+35		7.48	101.70	95.36	6.34
2		7.52	101.66	96.06	5.60
+60 = M.H. break		5.03	104.15	97.0	7.15
2.43	117.48	117	115.05	5P. SE Part.	
3		12.54	104.94	98.42	+6.52
+50		11.87	105.61	100.20	+5.41
4		11.15	106.33	101.97	+4.36
+50		8.75	108.73	102.75	+4.98
5		5.60	111.88	105.52	+6.36
+35		4.38	113.10	106.76	+6.34
+70 = M.H. & Part		2.80	114.68	108.0	+6.68
6		2.60	114.88	109.08	+5.80
12.22	129.29	0.41	117.07		
+50		11.90	117.39	110.88	+6.51
7		10.30	118.99	112.69	+6.30
+50		8.50	120.99	114.50	+6.49
8		6.95	122.34	116.31	+6.03
+50		5.70	124.09	118.12	+5.97
9		3.25	126.04	119.93	+6.11
+50		1.69	127.60	121.74	+5.86
+85 DE		0.60	128.69	123.0	+5.69

11 20 95.60
 55 10 134.00
 50 10 170.00
 30 10 155.00
 30 10 155.00
 30 10 155.00
 30 10 155.00
 30 10 155.00
 30 10 155.00

Sewer Construction in Alley
bet Harschell + High from Raring
to 390 S. of 4th of Pearl

	M.H.	112.25	110.65	Top of stakes +40
1/2 Raring = D100	1.60			105.05
+50			110.67	105.35
1			110.65	105.65
+50			108.71	105.95
2			107.30	106.25
+40 = M.H.			109.91	106.50
	12.33	112.95	110.65	
3			112.73	108.05
+50			113.81	109.34
4			115.23	110.63
+50			118.28	111.92
5			120.18	113.20
+35			120.72	114.10
+70 = M.H. & Pearl			121.73	115.0
6	12.88	135.92	121.75	115.81
+50			123.04	117.15
7			125.49	118.50
+50			126.47	119.84
8			129.65	121.19
+50			128.68	122.53
9			130.05	123.88
+60 D.E.			131.22	125.5

122.88
122.83
110.65
110.60
5.07
122.5
122.43
109.18

129.29
127
128.02
7.95
135.92

130.60
130.50
130.6

130.60
130.50
130.6

72

322
 Sewer Construction on Lot Lines
 200' S + Parallel to St. Paring St from Lot 1161
 bet Narschell + High to d Alley bet High + Cabrillo.

321
 7986
 3216
 5296

211
 211
 33
 7174

211
 211
 33
 675

12.42	122.33	109.91	Stub at 0100	
12.42		109.91	106.5	
+50		1206	110.27	108.15
		9.44	112.89	109.81
+33		7.94	114.39	110.91
+66 = 0+00 page 74		6.20	116.13	112.0
2		4.43	117.90	112.72
+50		1.71	120.62	113.77
	10.84	0.18	122.15	
3	102.99	10.00	122.99	114.82
+32 M.A. bet d Alley bet High + Cabrillo		8.21	124.78	115.5

+2.12
 +3.08
 +3.48
 +4.13
 +5.18
 +6.85
 +8.17
 +9.28

Sewer Construction 2 of High Ave
 from 200 S. of 3L Ravine to 50' N. of 5L
 at Center Add.
 122.33 from page 73

H66 page 73
 = 0+00 M.H.

			620	116.13	112.0	+4.13						
50			364	118.69	113.95	+4.74	131.36					
100			1.53	120.80	115.89	+4.91						
T.P.	1084	132.99	0.18	122.15								
+50			10.26	122.73	117.83	+4.90	← 1450	chk. Flow Line pipe	13.53	117.83	117.83	00
2			880	124.19	119.78	+4.41	2+00		7.17	124.19	118.73	+5.46
+35			742	125.57	121.14	+4.43	2+35		5.83	125.53	119.36	+6.17
				127.26	122.5	4.76						
+70 = Drop M.H.			573	127.26	124.0	+3.26	2+70		4.10	127.26	119.99	+7.27
		136.23										
3+16.67			962	126.63	124.67	+1.96	2+90 M.H. on Prop Line		4.30	127.06	120.36	+6.70
3+63.33			904	127.21	125.33	1.88	3+16.67		4.77	126.57	121.96	+4.63
				126.0		6.62						
4+100 = Drop M.H.			363	132.62	127.5	5.12	3+63.33		4.18	127.18	124.73	+2.45
+50			206	134.20	129.20	5.00	4+10 = M.H.				127.50	
	1296	147.89	1.33	134.92								
5			1198	135.89	131.33	4.56						
+50			940	138.47	133.45	5.02						
(6 left out)					135.58							
+10 Break.			768	140.19	136.0	4.19						
+50			631	141.56	136.73	4.83						
7			524	142.63	137.64	4.99						
+20 DE.			519	142.68	138.0	4.68						

38.74
 194.5
 70
 57.30

131.64
 62.40

100
 20
 3640

74

127.87
 1295
 73-192
 133
 1362.6
 129.3

157.00
 245.50
 72.00 1,700.00 364

Change in Sewer at Pearl & High
 x 131.86

chk. Flow Line pipe 13.53 117.83 117.83 00

Sewer construction in Alley.
bet High + Cabrillo from DE. 50' S. of St.
Rising to 388' S. of E. of Pearl

132.99 from page 73

65
26.20

235
46

1.9
137.24

67
20.70

75

50' S. of St. Rarim
0+00 = DE

9.28 123.71 117.0 4.71

+50 11.83 121.16 116.5 4.66

1 234.92 page 73

12.28 120.74 116.0 4.74

+50 = M.H. Drop 8.21 124.78 115.5 +9.28

121.0 +3.78

2 4.28 128.71 124.3 +4.41

0

+50 12.52 144.82 0.69 132.30 127.6 4.70

3 9.82 135.00 130.9 4.10

+50 6.07 138.75 134.2 4.55

+90 } OUT 136.84

↓ } VC 1.66 143.16 137.50 5.66

+10 } OUT 137.62

+50 3.87 140.95 138.13 2.82

+80 = M.H. & Pearl 4.63 142.19 138.5 3.69

5 2.71 142.11 138.75 3.36

+50 0.95 143.89 139.34 4.53

12.62 156.67

0.77 144.05

6 11.67 145.00 139.93 5.07

+50 12.54 144.13 140.53 +3.60

+90 = M.H. 11.05 145.62 141.0 4.62

7+50 8.00 148.67 145.04 3.63

11/24/22

Levels
1760's
2017
show

Sewer Levels on E
Arbor Drive from MH center of
Randolph to 154 West thence North
on Lot Line to a point 176.1'

	+69	(281.70)		279.01	
MH center Randolph	20+00		10.69	271.01	Flow Line
0+00			5.6	276.1	Top M.H.
+50			5.3	76.4	
1			4.6	77.1	
+54	Δ 90°00' R		4.0	77.7	
+69			4.8	76.9	
+79	= front of garage		4.1	77.6	
2	= alongside ✓		4.2	77.5	
T.P.	5.19	283.25	3.64	278.06	
+75	= alongside garage		5.7	277.5	
T.P.	5.14	278.70	9.69	273.56	
+41.5	= N. side garage		1.8	276.9	
+78			3.7	275.0	
3			5.4	273.3	(45' W = .6 higher 45' E = .5 lower 25' = .3 ✓ 25' W = 1.3 higher)
+30			7.9	270.8	

See 1069-61

154

71

77.5

2

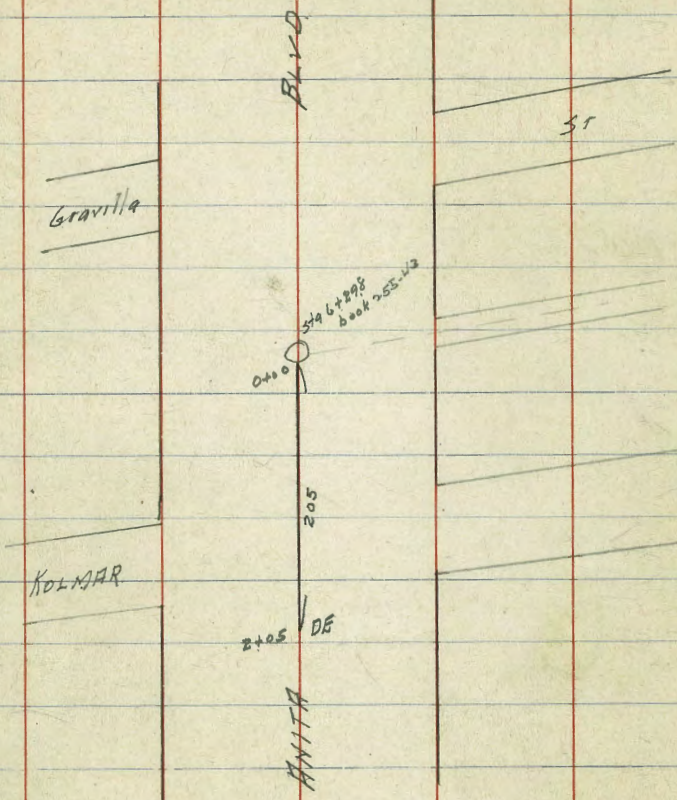
2/6/23

Gregory
Moore
Miller
Shaw

Sewer Construction
at Anita from M.H center Anita
bet Gravilla + Kolmar to DE 205 S. of M.H.

MAY 1923
76

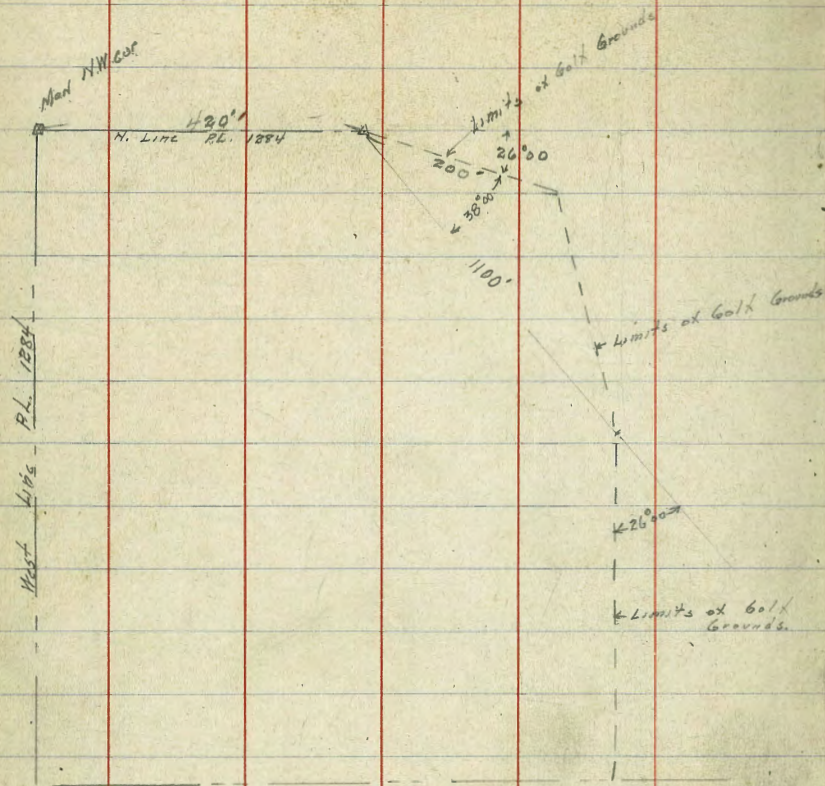
	0.53	60.84		60.51		at 1st break 5 Curb Gravilla Mod to Lally
	0.10	18.34	12.60	48.24		
	0.43	36.10	12.67	35.67		
	6.58	33.38	8.30	27.80		
Sta 6+498 book 255-43 M.H. Alley N. of Kolmar = 0+00					22.00	
0+50			6.30	27.08	22.38	+ 4.70
1			5.55	27.83	22.75	+ 5.08
+50			5.42	27.96	23.13	+ 4.83
2+05 DE			4.98	28.40	23.54	+ 4.86
B.M.			3.90	29.48		B.P. SE Anita + Kolmar



2/6/23

Gregory
Miller

Survey Golf Grounds
in P.L. 1284



170
116
64
26
38

332
27
232
664
896

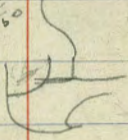
3415
23
1024
883
78545

8

912
527
412

1417
1241
1720
1660
600
111
1860

3415



$$\begin{array}{r} 35.1 \\ 320 \\ \hline 320 \\ 320 \\ \hline 320 \\ 320 \\ \hline 640 \end{array}$$

$$\begin{array}{r} 4437.10 \\ 3218750 \\ \hline 133125 \end{array}$$

1153 SF. Cor Pearl - Fay.

Handwritten calculations and notes on the left page, including various numbers and mathematical operations:

$1046 \div 5 = 209.2$
 $16 \div 10 = 1.6$
 $13 \div 10 = 1.3$
 $108 \div 8 = 13.5$
 $108 \div 2 = 54$
 $256368 - 2.66 = 256365.34$
 $560 \div 10 = 56$
 $1046 \div 10 = 104.6$
 $136 \div 10 = 13.6$
 $106815 \div 10 = 10681.5$
 $133532 \div 10 = 13353.2$
 $20000 \div 10 = 2000$
 $17957 \div 10 = 1795.7$
 $21430 \div 10 = 2143$
 $20488 \div 10 = 2048.8$
 $1022039 \div 10 = 102203.9$
 $8.67 \div 10 = 0.867$
 $6.6 \div 10 = 0.66$
 $2.07 \div 10 = 0.207$
 $82.6 \div 10 = 8.26$
 $739 \div 10 = 73.9$
 $83 \div 10 = 8.3$
 $7216 \div 10 = 721.6$

Handwritten calculations and notes on the top right page:

$2301310 \div 10 = 230131$
 $13.46 \div 10 = 1.346$
 $255.1 \div 10 = 25.51$
 $1792 \div 10 = 179.2$
 $175616 \div 10 = 17561.6$
 $17220 \div 10 = 1722$
 $1727 \div 10 = 172.7$
 $180447 \div 10 = 18044.7$
 $2071.6 \div 10 = 207.16$
 $27572 \div 10 = 2757.2$

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 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

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

MADE IN GERMANY.