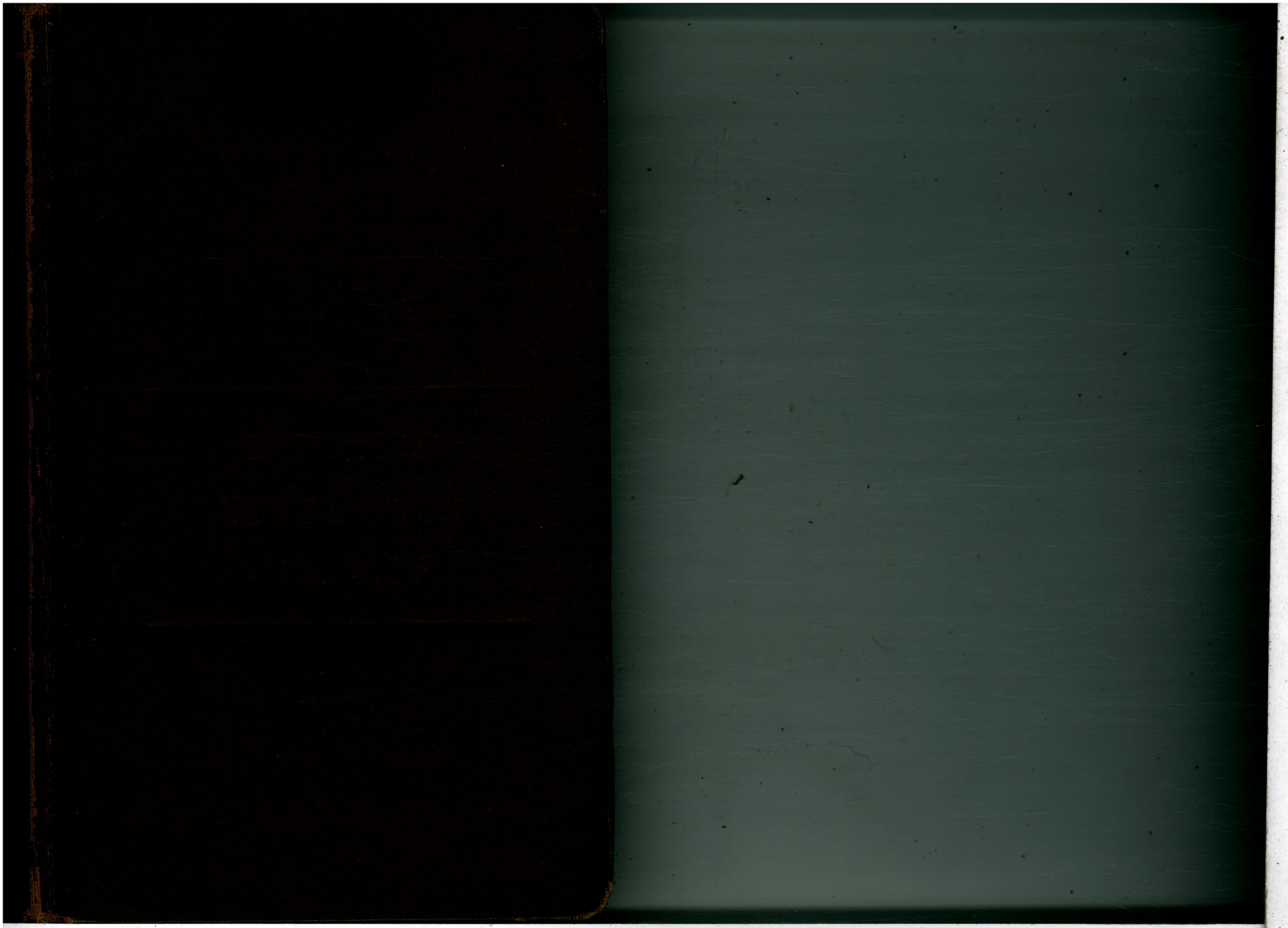


EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be 30.6+(20—16)÷2 or 2 ft. added to 30.6 =32.6. For slopes of 1 on 1½ see inside of back cover.

1819

CITY ENGINEERS OFFICE

to page 474

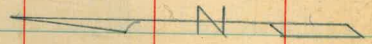
This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

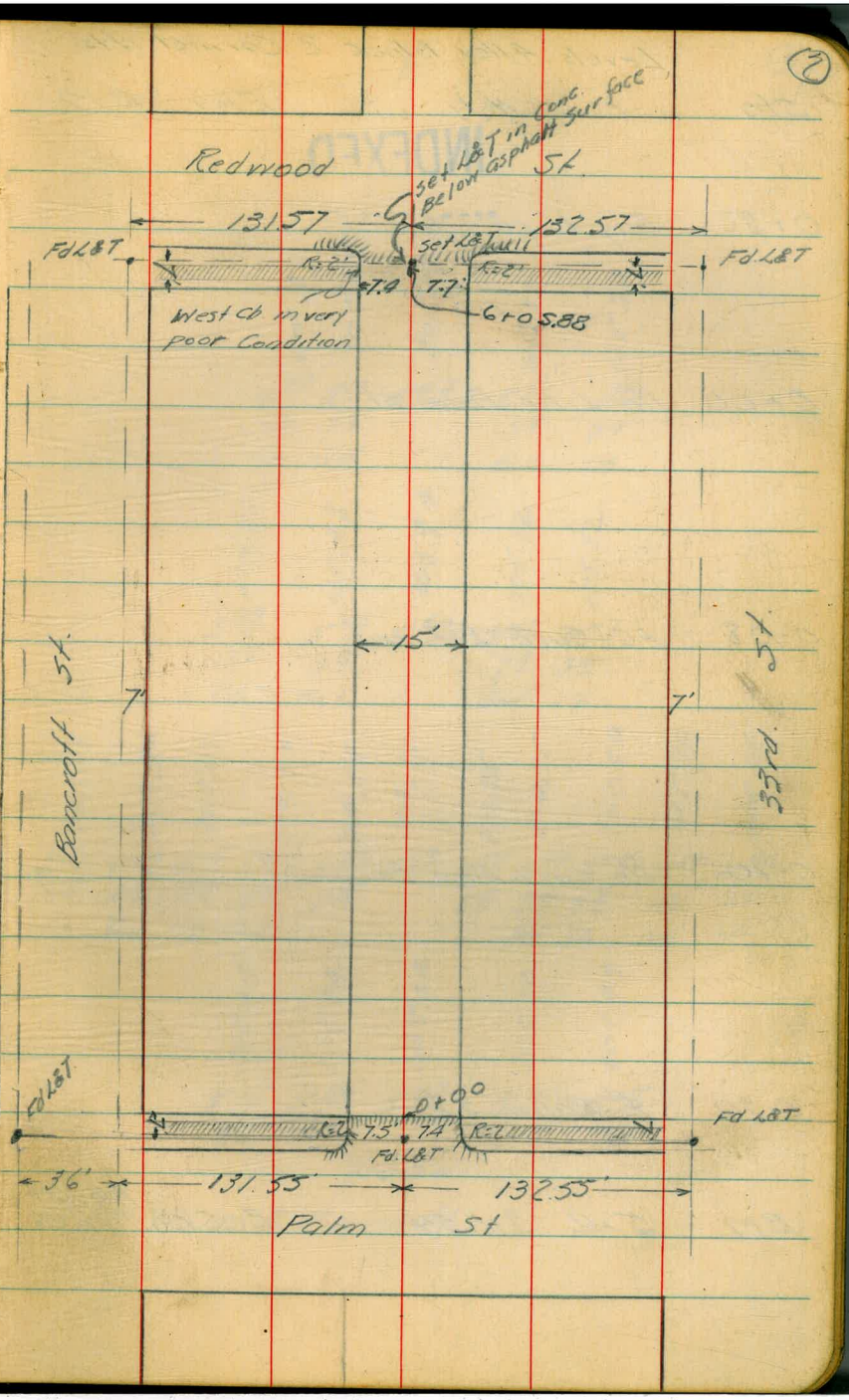
INDEX

12-22-47
Hendricks
Becker
Johnson
W.O. #21387

X Sects. Alley Block 2 Carmel Hts
Between Bancroft & 33rd Sts.
Palm to Redwood St.



Notes Reduced 12-24-47
O.T. Johnson



Levels Alley Block 2 Carmel Hts.

Sta.	+	H.I.	−	Elev	B.M.
0+32	Guy to pole 6' Lt ℄				
0+00	No Line Palm St				
0-08	EC Curb Returns				
0-10	No Curb Line Palm St				
0-30	℄ Palm St				
BM.	5.46	310.54		305.08	FB 1605/46

℄

305.59 — 4.95 — 7.5 Cb

305.43 — 5.11 — 7.5 Gut

305.09 — 5.45

305.32 — 5.22 — 7.4 Gut

305.70 — 4.84 — 7.4 Cb

305.51 — 5.03 — 7.5 Cb.

305.08 — 5.46 — 7.5 Gut

304.94 — 5.60

305.12 — 5.42 — 7.4 Gut

305.52 — 5.02 — 7.4 Cb

305.33 — 5.21 — 4.5 Cb

304.76 — 5.78 — 4.5 Gut

305.47 — 5.07 — 9.5 Cb.

304.90 — 5.64 — 9.5 Gut

304.88 — 5.66 — 7.5

304.91 — 5.63

304.95 — 5.59 — 7.4 Gut

304.95 — 5.59 — 9.4 Cb

305.50 — 5.04 — 9.4 Gut

305.14 — 5.40 — 5.0 Cb

305.68 — 4.86 — 5.0

305.01 — 5.47 — 5.0 Cb

305.24 — 5.30 — 7.5 Gut

305.32

305.30 — 5.24 — 7.5 Cb

305.49 — 5.05 — 5.0 Gut

310.54

N.E.B.P. Palm & Bancroft.

Stg	+	H.I	-	Elev
TP	7.49	315.29	2.74	307.80
1+50				
1+29	Power Pole # PA # 2915 5.8' Lt. ℄			
1+28	Dead Man to Pole 6.3' Lt ℄			
1+00				
0+65	℄ Garage 28.3' Rt. of ℄ Conc. Fl.			
0+50	Power Pole # PA-2913 6.2' Lt. ℄			
0+45	℄ Garage Conc. Floor			
		310.54		

307.2 307.3 307.2 307.4 307.5

3.1 3.2 3.3 3.1 3.0

15 7.5 7.5 15

306.6 306.8 306.9

3.8 3.9 3.9 4.1 4.0 3.9 3.6 3.6 3.4

15 7.5 2.5 3 4 2.5 7.5 15

306.87

26.7

28.3

306.2 306.1 306.1 306.2 306.7

4.3 4.1 4.1 4.3 3.8

10 7.5 7.5 15

306.49 306.95

4.0.5 3.6.1

12.6 15.4

Apron Gar. Fl

310.54

Sta	+	H.I	-	Elev
3+00				
2+80.7	℄ Sewer M.H.			
2+50	Power Pole PA2945 5.4' Lt ℄			
2+24.2	℄ 2' Conc. Walk 7.5' Lt ℄			
2+00				
		315.29		

℄

5^{1} 309.8 — 17
5^{3} 309.8 — 7.5
5^{6} 309.7
5^{4} 309.9 — 7.5
5^{4} 309.9 — 15

6^{1} 308.90
Rim

6^{10} 309.0 — 15
6^{9} 309.1 — 7.5
6^{4} 308.8
6^{9} 309.1 — 7.5
6^{1} 309.2 — 15

7^{9} 308.10 — 7.5

7^{7} 307.6 — 15
7^{5} 307.8 — 7.5
7^{2} 308.1
7^{1} 308.2 — 7.5
7^{1} 308.2 — 15

315.29
π

Sta	+	H.I	−	Elev.
5+50				
TP.	5.13	319.36	1.06	314.23
5+00				
4+75	Power Pole # PA 3027 55' Lt. ℄			
4+50				
4+00				
3+50				
3+49	Power Pole # PA 3005 55' Lt. ℄			
		315.29		

314.8 314.6 314.7 314.8 314.5
4.6 4.8 4.1 4.1 4.9
15 7.5 7.5 15

319.36

314.1 313.9 313.6 313.8 313.8
1.2 1.4 1.7 1.5 1.5
15 7.5 7.5 15

312.5 312.4 312.4 312.5 312.3
2.8 2.9 2.9 2.8 3.0
15 7.5 7.5 15

311.6 311.4 311.4 311.6 311.5
3.7 3.9 3.9 3.7 3.8
15 7.5 7.5 15

310.7 310.5 310.6 310.6 310.4
4.6 4.8 4.7 4.7 4.9
15 7.5 7.5 15

315.29

Sta	+	H.I	−	Elev
TP	4.57	318.22	5.71	313.65
5+97	End Rock Wall 7.2 Lt. of ℄			
5+93	End Conc. Wall 8.5 Rt. of ℄			
5+75				
5+65	Beg 2" Conc wall 8.5 Rt of ℄			
5+57	℄ Garage 12' Rt of ℄			
5+55	Beg. Rock Wall 7.5 Lt ℄			
	319.36			

℄

Nail in pole # P3275 30 Cb Line Redwood W. side Alley

310.8	314.7	314.7	314.0	313.5	314.6	314.9	315.2	314.8
4.6	4.7	4.7	5.4	5.9	4.8	4.5	4.2	4.5
10	7.5	7	7		7.5	8.5 Gr. Wall	8.5	12
	Wall Ground							
	314.8	314.5		314.4	314.7	314.5		314.58
	4.6	4.9		4.7	4.7	4.2		4.78
	8.5	7.5			7.5	8.5		8.5
						Ground Wall		
					314.53			
					4.83			
					8.5			
					314.43	314.50		
					4.93	4.86		
					8.9	12		
					Ramp	Conc Fl.		
				319.36				

Sta	+	H.I.	−	Elev.	B.M
B.M			10.92	305.09	305.08
T.P.	1.93	316.01	4.14	314.08	
BM			6.51	311.71	311.61
6+28.88 ℄ Redwood St.					
6+08.88 So. Curb Line Redwood St					
6+06.88 EC Cb Ret.					
5+98.88 So. Line Redwood St. Edge of Asphalt paving					
		318.22			

℄

NEBP Bancroft & Palm St.

S.W 7' L&T Bancroft & Redwood

N.W.B.P. 33rd & Redwood

314.06 4.16 50 | 313.44 4.78 75 | 313.32 4.90 | 313.21 5.01 75 | 312.69 5.53 50

313.37 4.85 50 Cb | 312.98 5.24 50 Gut | 312.91 5.31 94 Cb | 312.49 5.73 94 Gut | 312.40 5.82 74 Gut | 312.32 5.90 | 312.23 5.99 77 Gut | 312.22 6.00 97 Gut | 312.63 5.59 92 Cb | 311.66 6.56 50 Gut | 312.04 6.18 50 Cb

BC Ret. BC Ret.

312.84 5.38 74 Cb | 312.49 5.73 74 Gut | 312.32 5.90 | 312.32 5.90 77 Gut | 313.65 5.57 77 Cb

Cb in poor Condition on Lt

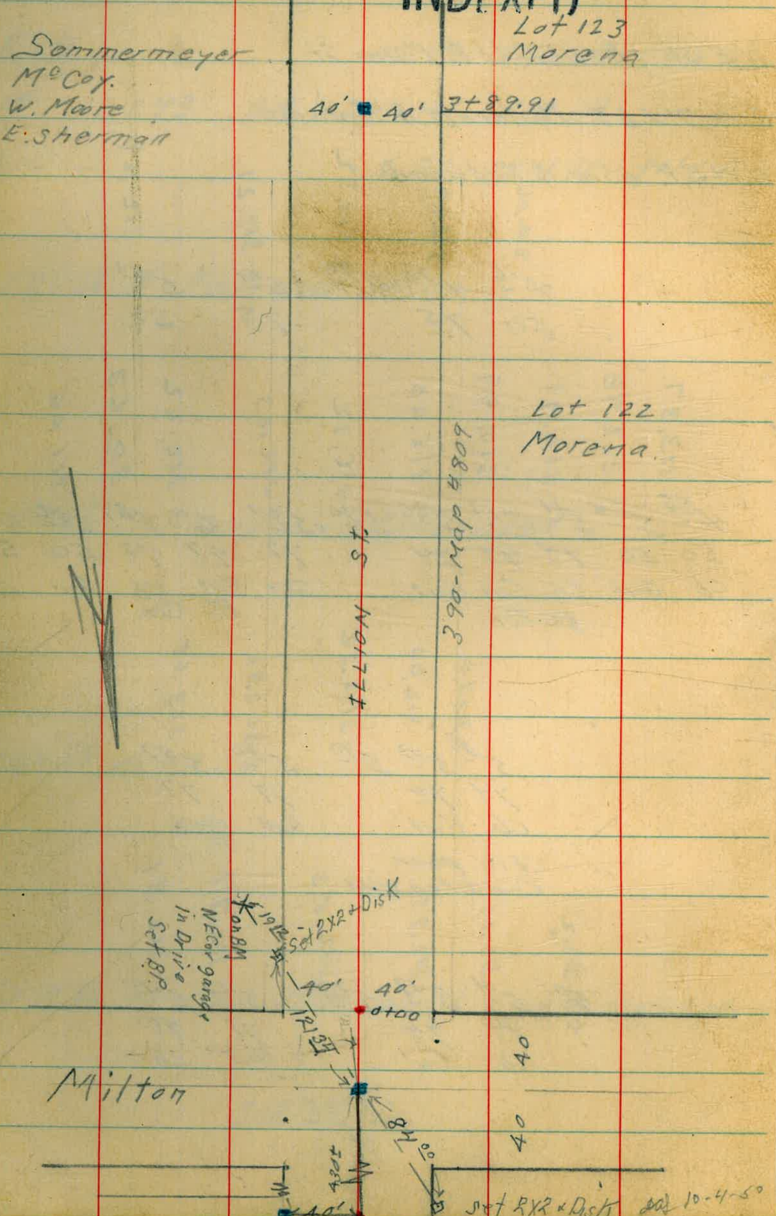
313.2 5.0 9 | 313.08 5.14 74 Cb | 312.75 5.47 74 Gut | 312.53 5.69 | 312.77 5.45 77 Gut | 312.81 5.41 77 Cb

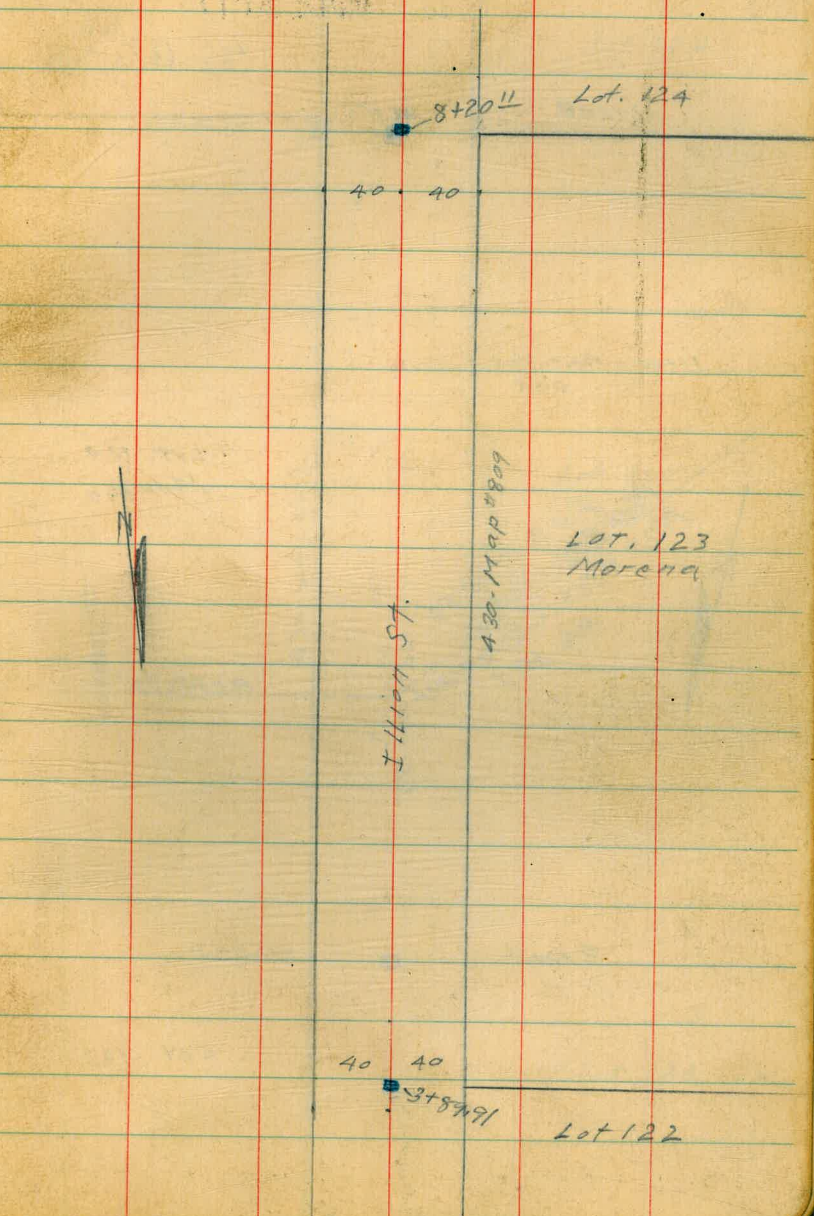
318.22
⊼

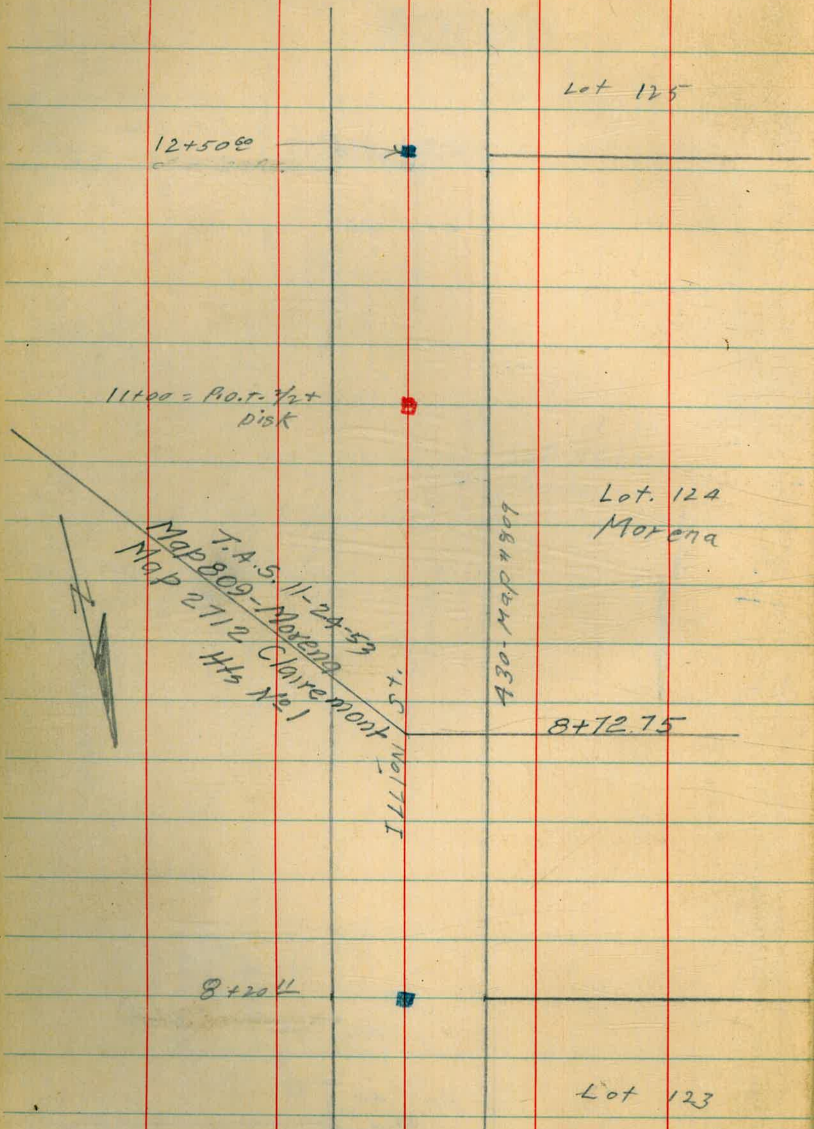
X-Sec. ILLION St.
Milton to Gardena

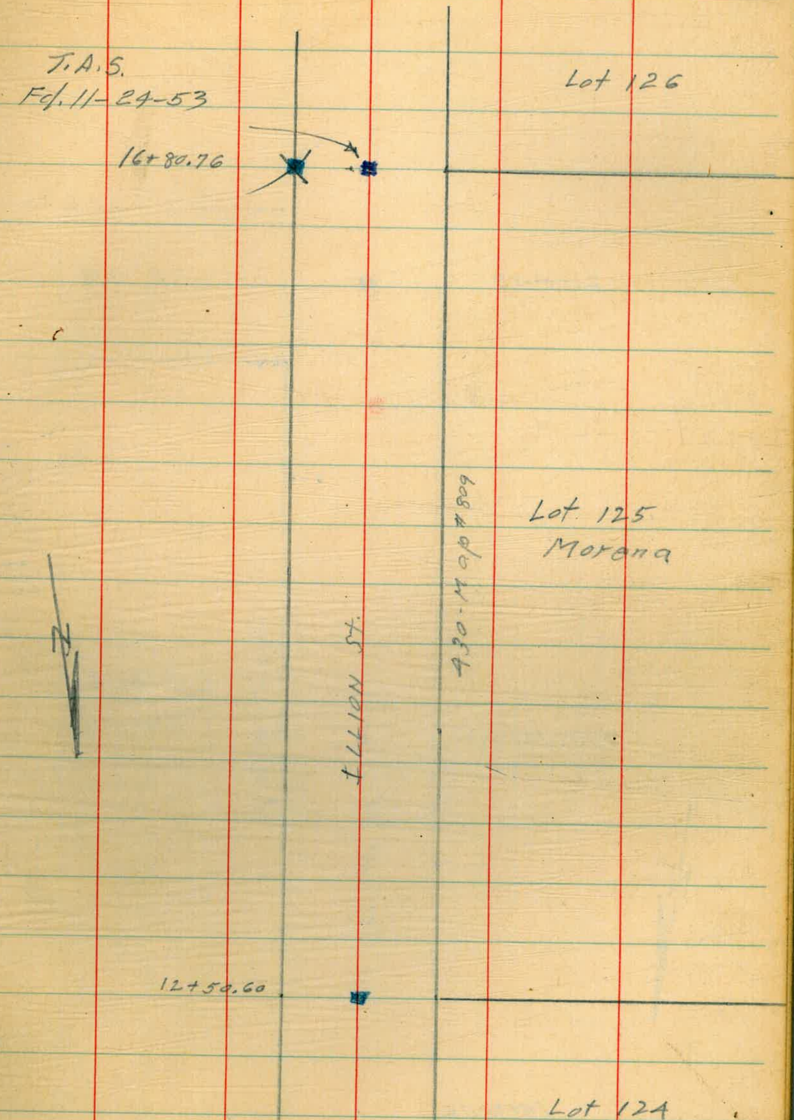
4/9/48
Vol.0.25001

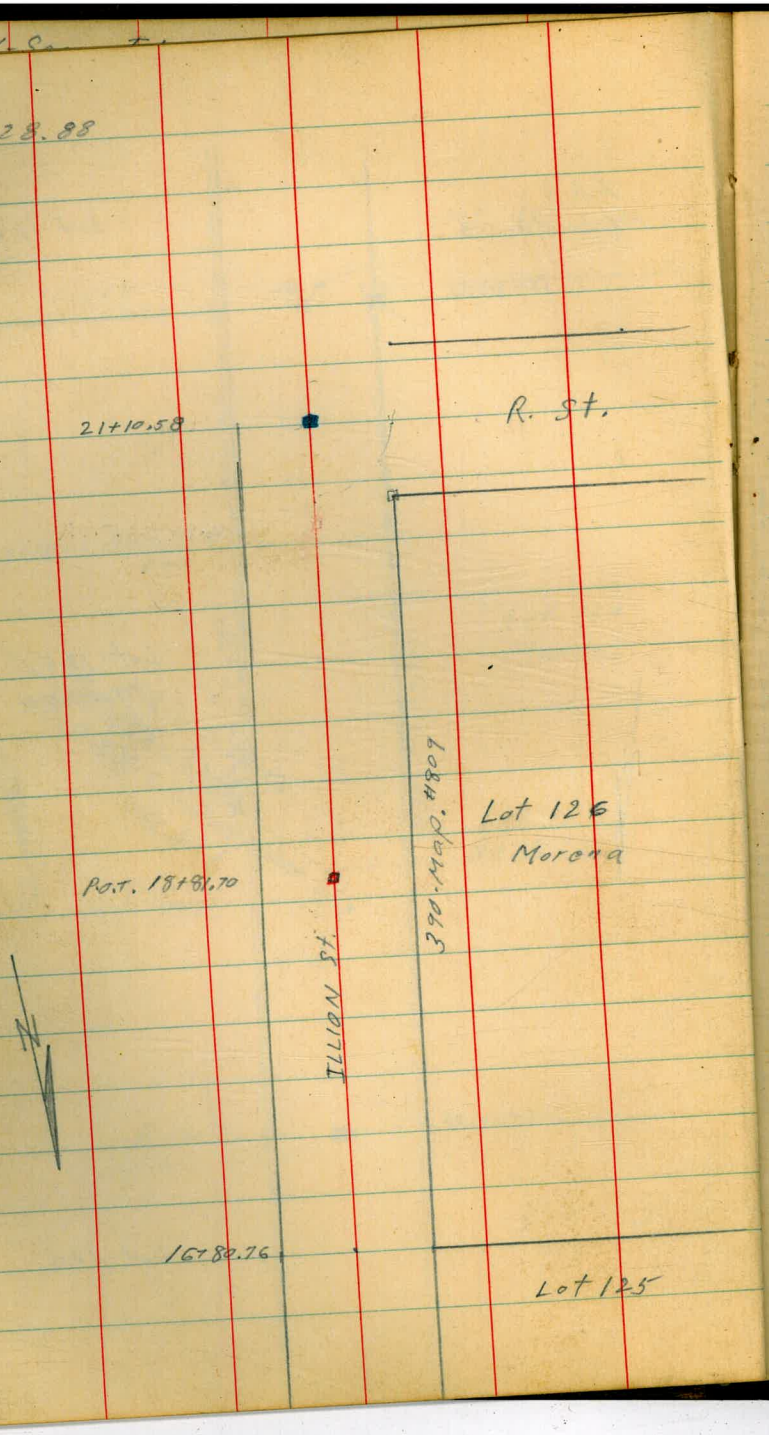
Sommermeyer
McCoy.
W. Moore
E. Sherman






Lot 125
8+72.75
T.A.S. 11-24-53
Map 809-Morena
Map 2712 Clairemont
Hts No 1
ILLION St.
430-Map #809
Lot. 124
Morena
Lot 123


T.A.S.
Fd. 11-24-53
Lot 126
16+80.76
Lot 125
Morena
ILLION St.
430-Map #809
12+50.60
Lot 124


228.88
21+10.58
R. St.
Lot 126
Morena
391. Map. #809
P.O.T. 18+81.70
ILLION St.
16+80.76
Lot 125

Illian St.
Sketch - Page 9 - 10 & 11.

INDEXED

T.P.	2.43	151.97	12.31	149.54
1+00				
0+50				
0+00 = S. line Milton				
0-40 = ℄ Milton				Reset to B.P. NE Cor Garage Drive tie on Sketch Page 9 Adj 10-4-52
	6.77	162.19	4.57	157.62
0-80 = N. Line Milton				
Set B.M. - Illian & Milton ℄ Conc. Mon			6.43	155.42 BM#1
N.E. Cor. 8"x8" Pueblo Conc. Mon. Illian & Milton From C.S.R. 4/6/48	5.38	161.85		156.47

INDEXED

APR 14 1948

℄

(12)

153.6	150.1	146.8	145.7	146.1	147.9	
8.3/100	11.8/40	15.1	16.2/20	15.8/40	14.0/100	
150.9	149.4	150.1	150.9			
11.0/40	12.5/78	11.8	11.0/40			
	152.4	153.6	155.0			
	9.5/40	8.3	6.9/40			
159.9	155.0	156.3	157.9	160.2	157.7	
2.0/150	6.9/40	5.6	4.0/40	1.7/120	4.2/150	
154.8						
7.1/75						
156.9	159.2	161.3				
5.0/40	2.7	0.6/40				

161.85

Sta. B.M. Mon. #					
	13.03	155.61	9.39	142.58	B.M. #2
3+89.91	40' RT. : Cor. between Lots 122 & 123				
3+49.91					
3+00					
2+80					
2+30					
2+00					
1+50					

151.97

158.0	156.5	152.0	148.4	143.6	139.2	135.3	126.0	120.5
+6.0/100	+4.5/75	0.0/40	3.6/25	8.4	12.8/25	16.7/40	26.0/70	31.5/100
		149.3	145.1	143.3	142.1	133.4		
		2.7/40	6.9/18	8.7	9.9/12	18.6/40		
		147.4	144.2	143.0	140.3	137.8		
		4.6/40	7.8/13	9.0	11.7/25	14.2/40		
		152.0	147.3	142.7	135.4	128.4		
		0.0/80	4.7/40	9.3	16.6/40	23.6/80		
			147.3	138.7	135.0	133.3	132.7	
			4.7/40	13.3	17.0/24	18.7/40	19.3/70	
152.4	148.1	146.2	142.1	136.4	134.6	129.1	134.0	
+0.4/100	3.9/40	5.8/22	9.9	15.6/40	17.4/83	22.9/109	18.0/140	
		148.7	145.7	143.5	142.6	137.0	139.8	
		3.3/40	6.3	8.5/40	9.4/52	15.0/75	12.2/100	

151.97

ILLIAN

INDEXED

T.P.	12.24	163.03	2.82	152.79
6+50				
6+00				
5+50				
5+00				
4+50				
4+29.91				

155.61

			160.4	152.0	145.1	140.8	
			+4.8/40	3.6	10.5/19	14.8/40	
160.6	150.8	154.5	152.2	149.1	145.2	138.9	125.5
+13.0/100	+3.2/40	1.1/25	3.4/10	6.5	10.4/10	16.7/40	30.1/100
			156.5	146.7	137.8		
			+0.9/40	8.9	17.8/40		
165.8	159.6	156.4	153.5	146.0	138.2	125.4	
+10.2/100	+4.0/57	0.8/40	2.1/32	9.6	17.4/40	30.2/100	
			153.6	145.1	137.2		
			2.0/40	10.5	18.4/40		
			153.0	144.8	137.0		
			2.6/40	10.8	18.6/40		

155.61

9+00					
8+60″					
T.P. ₵ Mon. 8+20.11	11.72	177.49	7.58	165.77	BM #3
8+20″	₵ Conc. Mon.	Line lots 123+ 124			
T.P.	11.21	173.35	2.89	162.14	
7+80″					
7+35					
7+00	95′ Rt. = East Face Stucco House				
		165.03			

₵

Station								
9+00		180.5 +3.0/40	176.0 1.5/22	168.9 8.6	158.5 19.0/40			
8+60		178.8 +1.3/40	172.3 5.2/15	167.5 10.0 (177.49)	157.5 20.0/40			
8+20	183.9 +10.5/100	181.4 +8.0/70	176.1 +2.7/40	174.4 +1.0/30	166.5 6.9 (173.35)	155.0 18.4/40	151.1 22.3/65	141.9 31.5/100
7+80		172.0 +7.0/40	170.5 +5.5/30	161.7 3.3	154.4 12.6/40			
7+35	167.8 +2.8/40	165.9 +0.9/30	161.7 3.3/20	156.7 8.3	145.9 19.1/40			
7+00	174.2 +9.2/100	163.5 1.5/40	154.1 10.9	143.8 21.2/40	137.0 28.0/70	131.8 33.2/90	133.3 31.7/95 Floor level	

165.03

									℄		
12+10^{6}								163.3 5.2/40	162.0 6.5	163.6 4.9/40	161.5 7.0/75
11+80								167.6 0.9/40	166.4 2.1	165.1 3.4/40	162.5 6.0/75
T.P.	0.46	168.51	12.95	168.05					168.51		
11+50								172.0 9.0/40	168.9 12.1	165.4 15.6/40	
11+00	P.O.T.					175.4 5.6/100	178.3 2.7/65	176.4 4.6/40	172.0 9.0	165.7 15.3/40	159.8 21.2/75
10+50								179.2 1.8/40	173.5 7.5	165.4 15.6/40	
10+00					182.3 +1.3/100	186.5 +5.5/70	183.0 +2.0/40	181.5 +0.5/32	173.6 7.4	163.5 17.5/40	154.3 26.7/75
T.P.	7.19	181.00	3.68	173.81					181.00		
9+50							183.0 +5.5/40	180.8 +3.8/30	172.0 5.5	160.3 17.2/40	
		177.49							177.49		

						℄					
						112.8	115.3	116.8	117.4	116.1	
15+50						7.6/100	5.1/75	3.6/40	3.0	4.3/40	
T.P.	1.32	120.38	13.08	117.06					120.38		
						110.8	118.5	119.7	119.6	118.8	116.4
15+00						21.3/100	13.6/60	12.4/40	12.5	13.3/40	15.7/100
						110.3	110.6	120.7	123.1	124.0	124.8
14+50						21.8/120	21.5/90	11.4/40	9.0/20	8.1	7.3/40
						122.8	123.7	124.4	128.6	131.6	131.9	132.2	130.1
T.P.	0.80	132.14	12.53	131.34					132.14				
14+00						21.1/100	20.2/40	19.5/25	15.3	12.3/27	12.0/40	11.7/68	13.8/100
						136.0	134.8	134.7	136.1	139.0	139.4		
13+50						7.9/40	9.1/30	9.2/12	7.8	4.9/30	4.5/40		
T.P.	0.19	143.87	12.53	143.68					143.87				
							149.0	146.9	147.6	150.5			
12+90 60							7.2/40	7.3/15	8.6	5.7/40			
Set B.M. on Mon. & at 12+50.60	0.90	156.21	13.20	155.31	BM# 4				156.21				
						154.3	156.4	155.2	155.3	158.6	159.0		156.7
12+50 60	on line Between Lots #124 + #125. Conc. Mon.					14.2/110	12.1/90	13.3/40	13.2	9.9/40	9.7/75		11.8/100
		168.51							168.57				

						101.5'	99.5'	93.5'	86.0	84.8	86.6	86.8	86.4	85.3
18+00						+4.7	+2.7	3.3	10.0	12.0	10.2	10.0	10.4	11.5
						100	63	40		13	21	40	90	100
T.P.	0.99	96.79	12.78	95.80					96.79					
							98.2	94.5	91.4	94.4	95.6			
17+60							10.4	14.1	17.2	14.2	13.0			
							40	11		8	40			
						103.0	101.4	101.3		100.6				
17+20.76						5.6	7.2	7.3		8.0				
						40	15			40				
Sat. B.M. & Mon.														
16+80.76 (between	Lot # 125		1.61	106.97	B.M.#5									
	Lot # 126													
T.P.	0.86	108.58	12.66	107.72					108.58					
							106.9	107.0	107.1	107.1	103.7			
16+80 76							13.5	13.4	13.3	13.3	16.7			
							100	40		40	100			
								111.2	112.3	113.5				
16+40 76								9.2	8.1	6.9				
								40		40				
							109.8	113.7	115.9	117.2	117.0		111.8	
16+00							10.6	6.7	4.8	3.2	3.4		8.6	
							100	40		40	56		100	
		120.38							120.38					

20+40				
T.P.	1.44	36.33	12.79	34.89
20+10				
T.P.	0.02	47.68	12.64	47.66
19+80				
T.P.	0.14	60.30	12.75	60.16
19+40				
T.P.	0.89	72.91	12.94	72.02
19+00				
T.P.	1.03	84.96	12.86	83.93
18+81.2 = P.O.T.				
18+60				
18+30		96.79		

		33.0	34.7	36.5			
		2.5/40	1.6	+0.2/40			
			36.33				
	41.8	41.7	41.5	40.8	42.0		
	5.7/75	6.0/40	6.2	6.9/40	5.7/70		
			47.68				
49.4	49.1 (interpolated)	48.7	48.7	49.5			
10.9/60	Cactus 40	11.6/20	11.6	10.8/40			
			60.30				
65.2	63.7	62.5	59.4				
7.7/65	9.2/40	10.4	13.5/40				
			72.91				
83.0	80.6	75.5	69.1	64.9	69.8		
1.2/100	4.4/40	9.5	15.9/40	20.5/60	15.2/100		
			84.96				
99.0	97.2	94.2	82.5	76.1	71.3	72.5	
+2.2/100	+0.4/60	2.6/40	14.3	20.7/27	25.5/40	24.3/75	
	93.5		82.7	81.2	78.8	81.1	81.6
	3.3/40		14.1	15.6/15	18.0/25	15.7/40	15.2/75
			96.79				

Check levels Page 21

B.R. Tecolote Creek Bridge & Moreno			2.28	10.14	(10.04)
T.P.	4.28	12.42	6.05	8.14	
T.P.	2.24	14.19	7.35	11.75	
T.P.	2.57	19.10	6.41	16.53	
T.P.	3.87	22.94	7.18	19.07	
S.E. Conc. Mon Knoxville & Gardena			6.45	17.80	(E. 130 P. 45 = 19.70)

2+20 IN traveled road of Gardena.

21+10.58 ℄ Gardena.

Mon. ℄ Gardena & ℄ Illian 21+10.58	SS		3.76	22.49	B.M. # 6
T.P.	2.86	26.25	12.94	23.39	Temp. BM. # 1

20+70.58 Nly line Gardena.

36.33

℄

21.9	21.6	21.4	21.8	22.4
4.4 / 100	4.7 / 40	4.9	4.5 / 40	3.9 / 100

21.9	21.7	23.0	24.9	26.3
4.4 / 100	4.6 / 40	3.3	1.4 / 40	0.0 / 100

26.25

27.1	27.5	28.3	30.0	29.1
9.2 / 75	8.8 / 40	8.0	6.3 / 40	7.2 / 75

36.33

Check levels ILLIAN St.

B.M. #3 Page 15	S.S.		3.08	165.78	B.M. #3 165.77
T.P.	9.60	168.86	3.02	159.26	
BM#4 Page 17	6.96	162.28	3.57	155.32	155.31 BM#4
T.P.	12.94	158.89	0.14	145.95	
T.P.	12.38	146.09	0.06	133.71	
T.P.	12.73	133.77	0.39	121.04	
T.P.	12.19	121.43	0.21	109.24	
B.M. #5 Page 18	SS		2.46	106.99	106.97 BM. #5
T.P.	12.41	109.45	0.37	97.04	
T.P.	12.71	97.41	0.06	84.70	
T.P.	12.59	84.76	0.11	72.17	
T.P.	12.66	72.28	0.21	59.62	
T.P	12.67	59.83	0.22	47.16	
T.P.	12.37	47.38	0.45	35.01	
BM.#6 P. 20	check		12.97	22.49	22.49
Temp. BM.#1 P. 20	12.07	35.46	—	23.39	

				0.01.	
				156.47	Orig O.M. 156.47
Orig B.M. P. 12			1.90	156.48	
T.P.	8.58	158.38	4.09	149.80	
BM.#2 Page 13		—	11.31	142.58	B.M. #2 142.58
T.P.	7.24	153.89	12.92	146.65	
T.P.	3.28	159.57	12.57	156.29	
		168.86			

X-Sec. Alley Blk. "B" Montecello

Adams to Collier & Between Winona & 50th

7-20-48

W.O.# 31457

Sommermeyer
McCoy.
Melton

INDEXED

● = Fd. L+T.

□ = Set ¾ + disk

● = Set nail in oil + rock pave.

All distances chained

Indexed

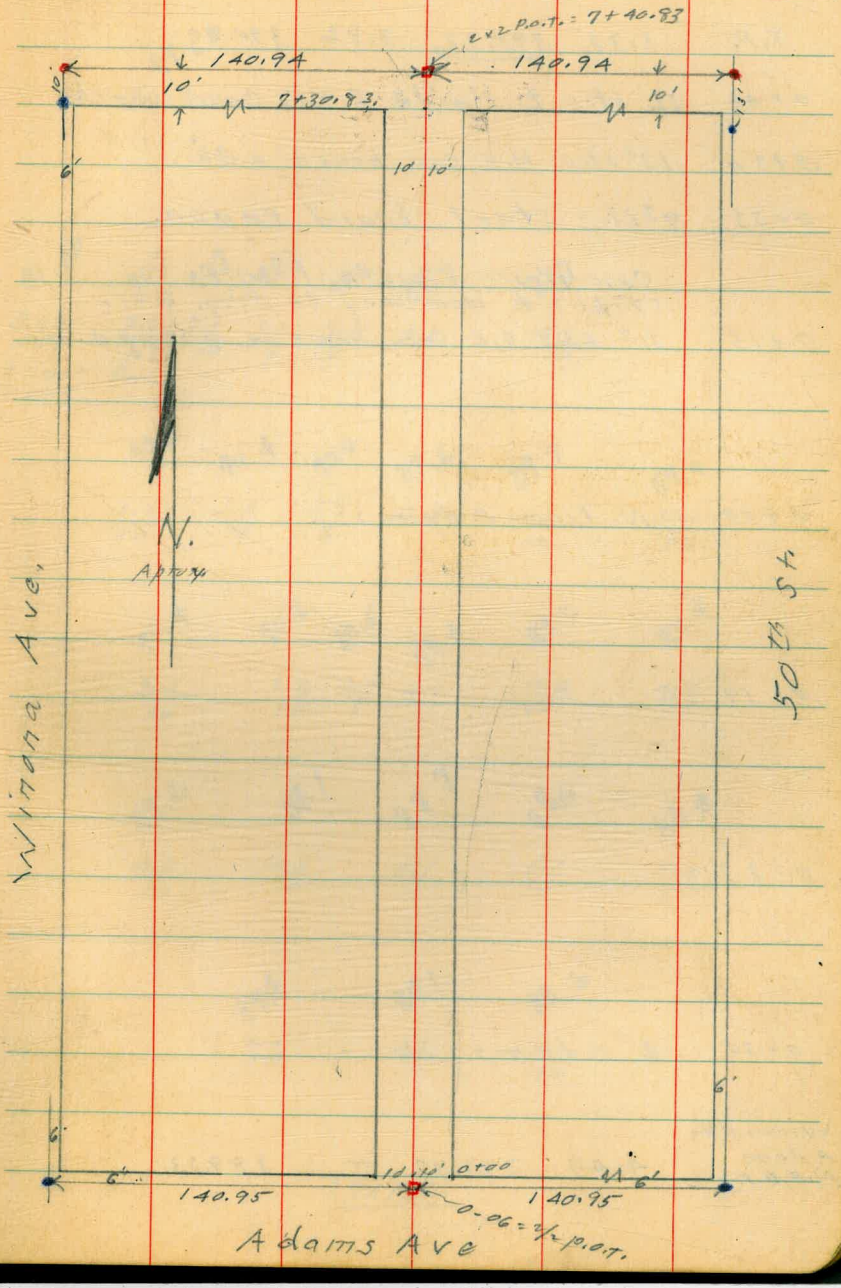
Levels: P. 23

Winona x Adams. N.E.B.P. = Starting B.M. : 389.33

N. 'h collier has oil + rock pave.

22

COLLIER Ave



Alley Blk. B.
Montecello.

INDEXED

T.P.	5.32	395.32	3.82	390.00
0+40	12' Lt. = ℄ 3' wide E.+W. Conc. walk.			
0+34	12' Lt. = N.E. Cor. house + Gar.			
0+33	9' Lt. = start board pence.			
	Conc. floor. South Front.			
	17' Lt. = ℄ door way to Sing. Gar.			
0+15	11' Lt. = S.E. Cor. house + garage.			
0+00	= N. line Adams			
0-19				
0-23				
0-30 =	℄ Adams			
Wynona & Adams N.E.B.P.	4.49	393.82	—	389.33

℄

89.6
4.22
12
℄ walk.

91.00	90.7	90.7	90.7	90.0	89.7	89.7
2.82	3.1	3.1	3.1	3.8	4.1	4.1
17	11.9	10	9	8		10
℄ door on floor	Grd.					

90.6	90.4	90.0	89.6	89.7	89.9
3.2	3.4	3.8	4.2	4.1	3.9
50	10	8		10	50

90.4	90.2	89.5	89.1	89.2	89.4
3.4	3.6	4.3	4.7	4.6	4.4
50	10	8		10	50

89.2	89.1	88.7	88.6	88.4
4.6	4.7	5.1	5.2	5.4
50	10		10	50

89.4	89.1	88.6
4.4	4.7	5.2
50		50

393.82

start board fence.

2+24 5 10' Lt. = End lath fence and by board fence.

2+00 10 5 Rt. = End Conc wall topped + west Conc. wall.

10 2 Lt. = ℄. East end 4" wide. east lath fence.

1+75 9 3 Lt. = End wire fence. + start by board fence.

1+50 10 3 Rt. = Start Conc wall topped

10 1 Rt. = End board fence

D 295817

1+46 7 6 Lt. = Pole # J.P.A. 4733

1+37 9 8 Lt. = line of wire fence.

1+00 9 9 Rt. = L in board fence.

also: Start wire fence

0+99 9 7 Lt. = End board fence

0+75

0+50 9 9 Rt. = start board fence.

9 9 Lt. = line of fence.

395.32

91.5 90.7 90.3 90.3 90.2 91.2 90.8

3.8 4.6 5.0 5.0 5.1 4.1 4.5

50 10 10 16 6 10 5 50

Base wall Top wall Grd.

91.2 90.6 90.7 90.0 90.1

4.1 4.7 4.6 5.3 5.2

10 2 10 5 10 10

Top wall Base wall

91.1 90.7 90 90.2 89.9 91.3 90.7

4.2 4.6 5.3 5.1 5.4 4.0 4.6

25 10 10 Ord 10 2 10 1 50

Base footing top of wall

91.3 91.0 90.4 90.0 90.2 90.3

4.0 4.3 4.9 5.3 5.1 5.0.

25 10 9 7 9 9 25

90.3 90.0 90.0

5.0 5.3 5.3

10 10 10

91.0 90.5 89.7 89.7 90.3

4.3 4.8 5.6 5.6 5.0

50 10 10 60

395.32

3+17 9' Lt. = start board fence.

3+00 10' Rt. = End wire fence, also = start picket fence.

T.P. 4.55 395.23 4.64 390.68

2+85

2+77 10' Lt. = End board fence.

2+76 7' Lt. = Pole # P.A.4749

2+75

2+50 10' Rt. = start wire fence.

2+47 10' Lt. = ℄ 2' wide E.+W. Conc. Walk

2+25

395.32

℄

90.8 90.2 90.1
4.4 5.0 5.1
10

91.7 90.7 90.1 90.6 91.1
3.5 4.5 5.1 4.6 4.1
35 to 395.23 10 35

91.0 90.9 90.8 90.9
4.3 4.4 4.5 4.4
10 10 25

90.8 90.2 90.8
4.5 5.1 4.5
10 10

92.5 91.3 90.0 90.5 90.9
2.8 4.0 5.3 4.8 4.4
35 10 10 35

91.41
3.91
10'
walk

90.5 90.4 90.0 90.3 91.0
4.5 4.9 5.3 5.0 4.3
35 10 10 35

395.32

4+50	
4+28	$10^{5}_{=}$ Rt. = ℄ 2^{5} wide conc. walk.
4+26	$10^{2}_{=}$ Rt. = start board fence. = End wire fence, also
4+10	
4+05	$9^{4}_{=}$ Lt. = start wire fence = End lath fence, also
4+00	
3+75	$10^{5}_{=}$ Rt. = start wire fence. = End picket fence. also
3+74	6^{9} Lt. = Pole # J.P.A. 4763
3+65	9^{3} Lt. = start lath fence.
3+50	
	395.23

℄

91.1	91.2	90.8	91.1	91.3	90.9
4.1 / 10	4.0 / 6	4.4 / 3	4.1	3.7 / 6	4.3 / 10

91.10	91.33
4.10 / $10^{5}_{=}$ walk	3.90 / 20 on walk

91.5	91.4	90.8	91.6	91.6	91.7	90.9	90.8	90.9
3.7 / 20	3.8 / 11	4.4 / 10	3.6 / 7	3.6	3.5 / 3	4.3 / 5	4.4 / 10	4.3 / 20

91.2	91.9	91.2	91.0
4.0 / 10	3.3 / 5	4.0	4.2 / 10

91.0	90.7	90.8	90.7	90.6	90.6	90.7
4.2 / 35	4.5 / 10	4.4	4.5 / 70	4.6 / 11	4.6 / 30	4.5 / 40

90.7	90.6	90.8
4.5 / 10	4.6	4.4 / 10

90.5	90.4	90.2
4.7 / 10	4.8	5.0 / 10

395.23

5+50

5+25

5+00

J.P.A. 4773

4+98 6⁻ Lt. = Ctr. deadman for pole

4+95 10° Lt. = End wire fence. also
= start board fence.

4+90

4+76 10° Rt. = End board fence.
also: start wire fence.

4+65

J.P.A 4773

4+74 6⁸ Lt. = Pole # D.295837

395.23

91.0 90.9 91.0
4.2/10 4.3 4.2/10

91.7 91.4 90.5 90.4 90.7
3.5/10 3.8/7 4.7/5 4.8 4.5/10

91.7 91.7 91.3 90.4 90.6 91.1 91.4
3.5/35 3.5/10 3.9/6 4.8/4 4.6 4.1/10 3.8/35

91.2 90.8 90.5 90.9
4.0/11 4.4/10 4.7 4.3/10

91.4 91.0 90.8 90.3 90.9 90.9 90.4
3.8/35 4.2/11 4.4/10 4.9 4.3/5 4.3/8 4.8/10

395.23

6+35				
T.P.	4.24	396.47	3.00	292.23
	10[2] Lt. = start picket fence.			
6+30	10[3] Lt. = End lath fence			
	= start wire fence.			
6+26	9[2] Rt. = End lath fence. also			
6+00				
5+99	10[1] Rt. = ℄ 2' wide Conc. walk			
5+98	9[9] Lt. = 6[th] deadman for pole A 4779			
	= start lath fence.			
5+85	10[2] Lt. = End board fence, also			
5+75	9[2] Lt. = Pole # A 4779			
	start lath fence.			
5+74	10[2] Rt. = End wire fence. also =			
5+60	10[1] Lt. = ℄ 2[7] wide Conc. walk			
	395.23			

℄

91.4 91.3 91.1 91.5 91.6

5.1/25 5.2/10 5.4 5.0/10 4.9/35

396.47

91.4 91.2 91.0 91.4 91.6

3.8/35 4.0/10 4.2 3.8/10 3.6/35

91.9

3.30/10[1] walk

91.1 90.9 91.0 90.9

4.1/10 4.3 4.2/10 4.3/35

91.07

4.16/10[1] walk

395.23

Orig. B.M. (P.22)			5.70	389.33	(389.33) ✓
T.P.	4.28	395.03	5.70	390.75	
S. Prop. + E. 7' Lt. Collier & Winona		S.S.	4.45	392.00	
T.P.	4.68	396.45	4.70	391.77	

7+55 ^{9} = S. Edge oil + rock pavement

7+30 ^{83} Fence. 9½ Rt. = End wire fence.
= S.L. Collier. 10' Lt. = End picket

7+29 9^{6} Lt. = Pole # (P) 4973

7+04 10^{2} Lt. = End frame shed.

7+00

9½ Rt. = Line of wire fence.

6+76 10^{2} Lt. = Start frame shed

6+70

396.47

91.6 91.3 91.2 91.1 90.9

4.9/50 5.2/10 5.3 5.4/10 5.6/50

91.2 91.5 91.2 91.5 91.5

5.3/35 5.0/10 5.3 5.0/10 5.0/35

91.1 91.3 91.5

5.0/10 5.2 5.0/10

92.0 91.7 91.5 91.8 91.7 91.8

4.5/35 4.8/11 5.0/10 4.7 4.8/10 4.7/35

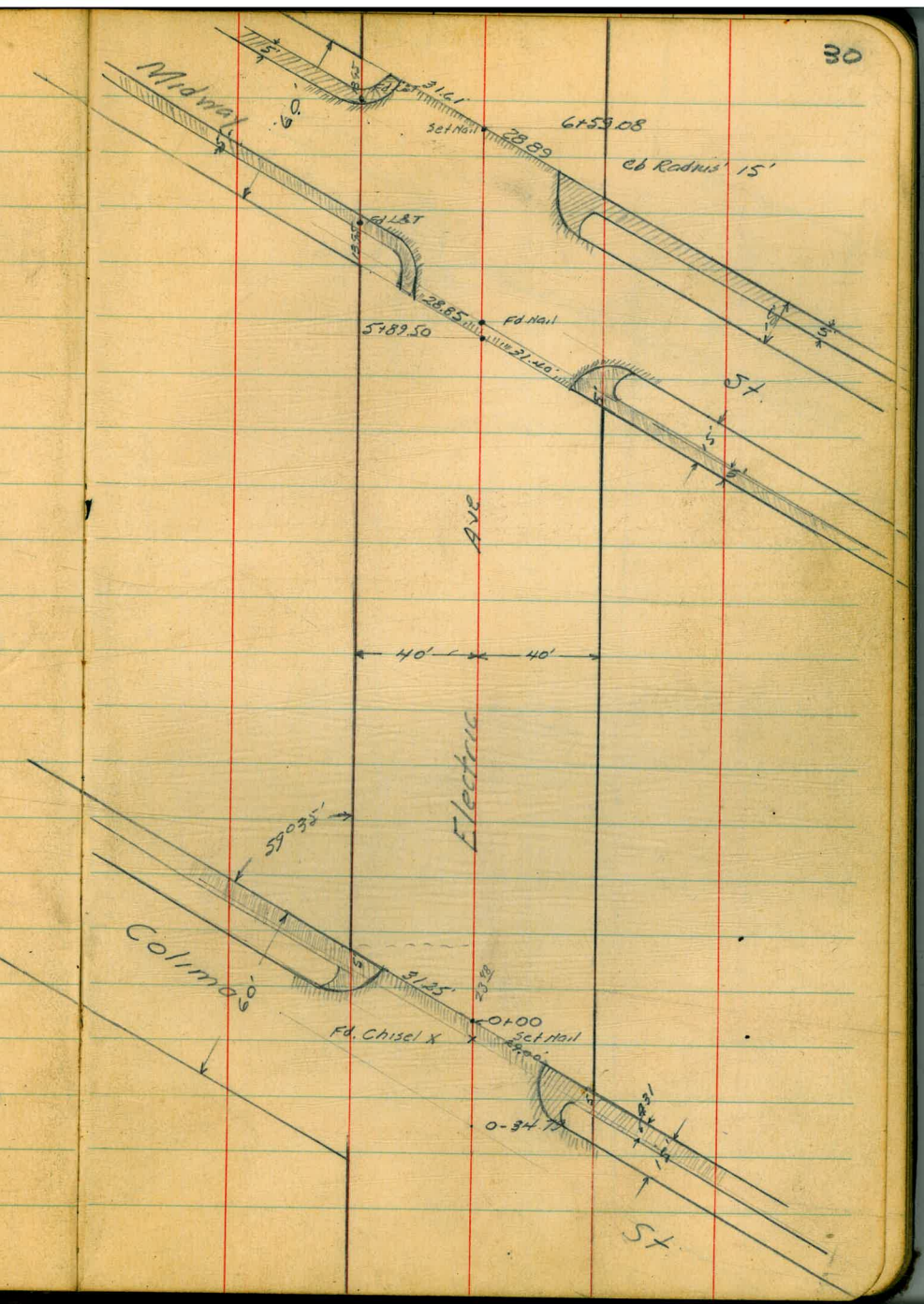
396.47

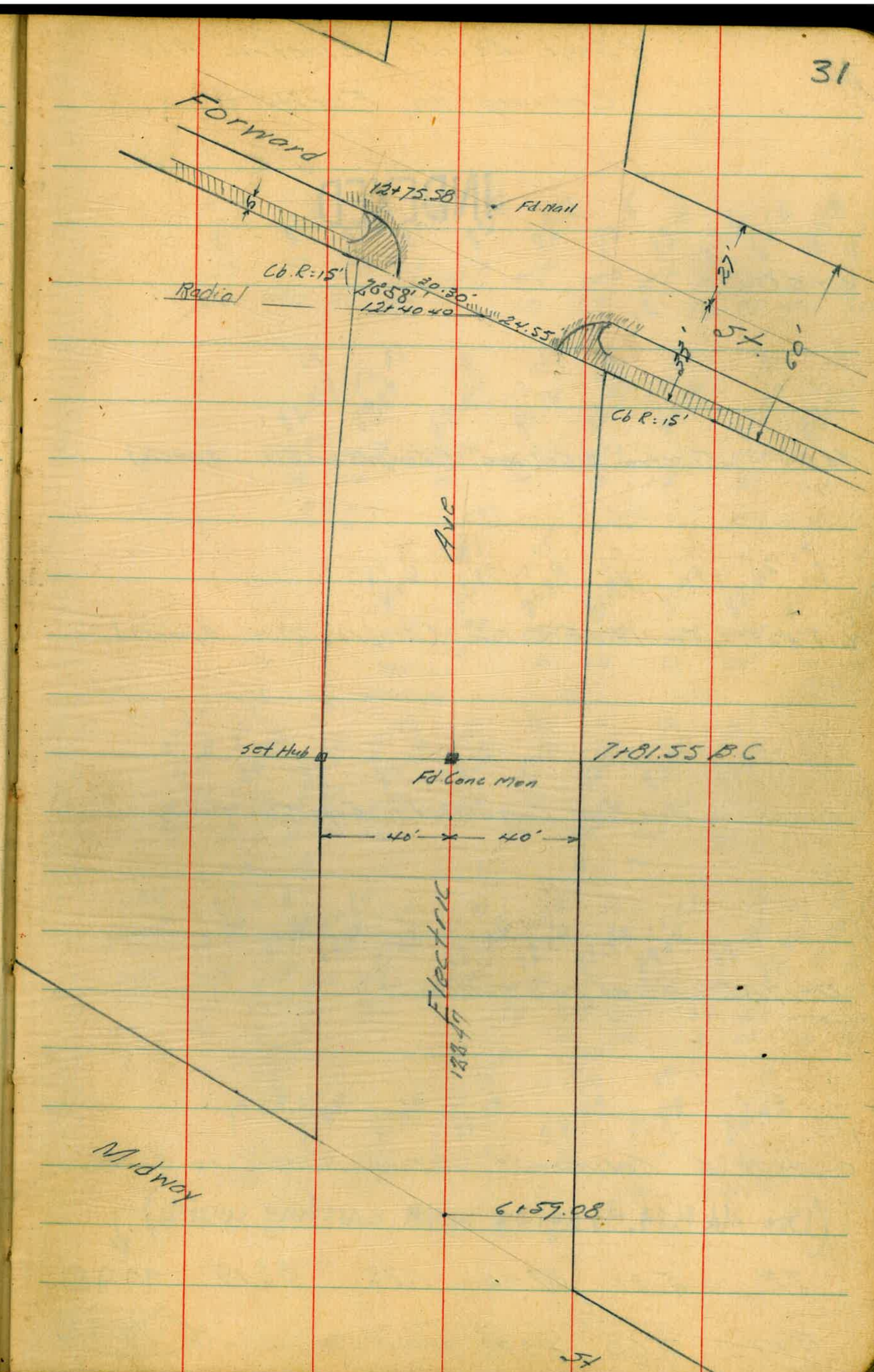
9-2-48
Hendricks
Roberts
Greer
Rorer
WO#314406

X-Sect. Electric Ave
Colima to Forward Sts.

INDEXED
W.K.
SEP 8 1948

Notes Reduced 9-8-48
H Remington




Forward
12+75.58
Fd. Nail
Cb. R=15'
Radial
20°58'
12+40.40
30.30'
24.55
27'
57'
60'
33'
Cb R=15'
Ave
Set Hub
Fd Conc Mon
7+81.55 B.C
40'
40'
Electric
128.47
Midway
6+59.08
57

X-Sect Levels Electric Ave
Colima to Forward

0+50

81.1	81.3	81.5	81.3	82.4	82.7	82.5	83.4	83.6	84.0	84.0	84.4
6.0	5.8	5.6	5.8	4.7	4.4	4.6	3.7	3.5	3.1	3.1	2.7
50	40	26	25		10	25	26	30	31	40	50

N.E. Ret. Electric & Colima (Length = 15.3 3 parts)

.19 82.53	82.83 83.17	.13 82.47	82.78 83.12	.04 82.38	82.80 83.14	.06 82.40	82.78 83.12
4.87	4.23	4.93	4.28	5.02	4.26	5.00	4.28
G	Cb.	G	Cb	G	Cb.	G.	Cb.

BC on Colima (1) (2) EC on Electric

N.W. Ret. Electric & Colima (Length = 23.4' 3 parts)

80.80 81.14	.47 81.81	80.95 81.29	.60 81.94	.05 81.39	81.71 82.05	.19 81.53	81.74 82.08
6.26	5.59	6.11	5.46	6.01	5.35	5.87	5.32
G	Cb.	G	Cb.	G	Cb	G	Cb

BC on Colima (1) (2) EC on Electric

0+00 No. Line Colima St. Edge Conc. Paving

80.80 81.14	81.74 82.08	.19 81.53	81.70 82.04	.00 82.34	.13 82.47	.10 82.44	82.66 83.00	82.90 83.24
5.26	5.32	5.87	5.36	5.06	4.93	4.96	4.40	4.16
47	31.25	31.25	16		14	29	29	40
	Cb.	G				G	Cb.	

0-17.36 No. Cb Line Colima St.

79.92 80.26	.27 79.61	.47 81.81	80.80 81.14	.34 81.68	81.91 82.25	.06 82.40	.19 82.53	82.83 83.17	.56 82.90	.16 83.50	.08 84.42	84.68 85.02
7.14	7.79	5.59	6.26	5.72	5.15	5.00	4.87	4.23	4.50	3.90	2.98	2.38
100	100	54.5	54.9	29.5		29	37.5	37.5	50	50	100	100
Cb.	G.	Cb	G				G	Cb.	G	Cb.	G	Cb.
		BC					BC					

0-34.79 ℄ Colima St. (Taken Parallel to Colima)

.48 79.82	80.86 81.20	.31 81.65	81.85 82.19	.10 82.44	.59 82.93	.09 84.43
7.58	6.20	5.75	5.21	4.96	4.47	2.97
100	50	29		29	50	100

(Use old B.M. to agree with existing work)

87.40 / T.P. 87.06

T.P.	5.21	87.40	1.73	82.19	77.98
B.M.	5.60	83.92			~~78.32~~

S.W. B.P. LaJolla & Colima

2+00

1+91 ℄ 8' Conc. Drive 40' Lt.

1+67 ℄ 3' Conc. Walk 39.8 Lt. ℄

Walks & Drives Run Parallel to Lot Line

1+50

1+38 ℄ Double Garage 55.2 Rt. Conc. Fl.

1+03 Power Pole # 5425 30.7' Rt ℄

1+00

87.40

82.4 82.4 82.6 82.4 82.9 83.4 83.7 83.6 84.3 84.7 85.0 85.5
5.0 5.0 4.8 5.0 4.5 4.0 3.7 3.8 3.1 2.4 1.6
50 40 29 25 13 13 24 25 40 50

82.34 81.98
5.06 5.08
110 40
up Drive

81.85 82.19 81.79 82.13
5.21 5.27
110 39.8
up walk

81.7 81.9 82.4 81.6 82.4 83.4 83.7 83.4 84.3 84.7 85.0 84.9 85.2
5.7 5.5 5.0 5.2 4.9 4.0 3.7 4.8 3.1 2.4 2.3
50 40 29 25 16 10 25 26 40 50

81.19
81.53
5.87
55.2

81.4 81.6 81.7 81.7 82.3 82.7 83.4 82.7 83.7 84.5 84.7 84.7 85.0
6.0 5.8 5.4 5.7 5.1 4.7 4.0 4.4 3.4 2.9 2.7 2.4
50 40 27 26 15 16 25 26 31 40 50

87.40 87.06

3+14 ℄ 8' Conc. Drive 39.9 Lt.

T.P.	6.83	90.01	4.22	83.18

3+00

2+86 ℄ 3' Conc Walk 39.2 Lt.

2+63 Power Pole #5451 30.5' Rt ℄

2+53 ℄ 8' Conc Drive 39.9 Lt.

2+50

2+36 ℄ 3' Conc Walk 40.8 Rt.

87.40

82.77 82.91
7.24 7.10
+10 39.9
Up Drive

~~90.01~~ 89.67

82.6 82.8 83.1 82.7 82.9 83.2 83.8 84.3 84.1 84.0 85.4 85.4
4.8 4.6 4.3 4.7 4.2 3.6 3.1 2.8 2.4 2.0 2.0
50 40 29 25 16 13 24 25 35 40

82.54 82.63
4.81 4.73
+10 39.2
Up Walk

82.50 82.54
4.90 4.84
+10 39.9
Up Drive

82.6 82.5 82.7 82.6 82.8 83.1 83.5 83.7 84.0 83.8 84.1 84.2 84.9 85.1
4.8 4.9 4.7 4.8 4.3 3.9 3.4 3.6 2.6 2.2 1.7
50 40 29 24 14 14 25 26 40 50

85.56
1.84
40.8

~~87.40~~ 87.06

4+37	℄ 8' Conc. Drive 40.4' Lt.				82.45 / 7.56 / +10 Up Drive	82.62 / 7.39 / 40.4							
4+29	℄ 4' Conc. Walk 38.9 Rt.							85.67 / 86.01 / 4.00 / 38.9	85.70 / 86.04 / 3.97 / 41.9				
4+00		81.9 / 82.2 / 7.8 / 50	82.6 / 7.4 / 40	83.3 / 6.7 / 25	82.8 / 7.3 / 24	83.3 / 6.7 / 15	83.9 / 6.1	84.6 / 5.4 / 15	84.5 / 5.5 / 24	84.9 / 85.2 / 4.8 / 25	85.8 / 86.1 / 3.9 / 40	86.0 / 86.3 / 3.7 / 50	
3+82	Power Pole # 5475 31' Rt												
3+75	℄ 8' Conc. Drive 39.8 Lt.				82.38 / 7.63 / +10 Up Drive	82.65 / 7.36 / 39.8							
3+50		82.6 / 7.4 / 50	82.8 / 7.2 / 40	82.8 / 83.1 / 6.9 / 28	82.8 / 7.2 / 24	82.9 / 83.2 / 6.8 / 16	83.8 / 6.2	84.6 / 5.4 / 16	84.3 / 5.7 / 24	84.9 / 85.2 / 4.8 / 25	85.8 / 4.2 / 40	85.8 / 86.1 / 3.9 / 50	
3+18	℄ 3' Conc. Drive 37.4' Rt							85.45 / 4.56 / 37.4	85.61 / 4.40 / 41				

90.01

~~90.01~~ 89.67

5+65	Fire Hydt. 29.2 Rt.				
5+40					
T.P.	4.97	90.91	4.07	85.60 ~~85.94~~	
5+00					
4+97	℄ 8' Conc. Drive 39.8 Lt.				
4+80	℄ 17' Conc. Drive 42.2 Rt.				
4+66	℄ 3' Conc. Walk 39.6 Lt.				
4+50					
		89.67 ~~90.01~~			

6 82.8 3 2 2 84.8 1 84.8 85.7 86.7 0 87.7

82.4 83.1 83.6 83.5 84.8 85.1 85.4 85.1 86.0 87.0 87.8 88.0

8^{0} 7^{8} 7^{3} 7^{4} 6^{4} 5^{8} 5^{5} 5^{8} 4^{9} 3^{9} 3^{6} 2^{9}

50 40 28 25 11 14 24 26 35 40 50

~~90.91~~ 90.57

π

℄ E L&T Electric & Midway

01 4 0 82.7 5 3 6 5 3 6 86.9 3

82.33 82.4 83.3 83.0 83.8 84.6 84.9 84.8 85.6 86.4 87.2 87.6

7^{66} 7^{3} 6^{7} 7^{0} 6^{2} 5^{4} 5^{1} 5^{2} 4^{4} 3^{1} 2^{8} 2^{4}

50 40 27 25 14 14 23 26 34 40 50

08 41

82.42 82.35

7^{59} 7^{26}

+10 39.8

up Drive

09 04

86.43 87.38

3^{58} 2^{63}

42.2 +10

up Drive

17 38

82.51 82.22

7^{50} 7^{29}

+10 39.6

up Drive

0 4 0 82.7 3 83.9 3 1 0 5 86.9

82.3 82.1 83.3 83.0 83.6 84.2 84.6 84.4 85.3 85.8 87.2

7^{7} 7^{3} 6^{7} 7^{0} 6^{4} 5^{8} 5^{4} 5^{6} 4^{7} 4^{3} 2^{8}

50 40 27 24 13 17 24 27 40 50

~~90.01~~ 89.67

π

6+59.08 No. Line Midway St. Edge Conc Paving

6+41.9± No Cb Line Midway

6+24.29 ℄ Midway St.

6+07.2± So. Cb Line Midway

5E Cb Ret. Electric & Midway (Length = 23.5 3 parts)

5W Cb Ret. Electric & Midway (Length = 16' 3 parts)

5+89.50 So Line Midway (Parallel to Midway Edge Paving.

90.91

90.51 90.57

8+00 £25' Conc. Walk 40.1 Rt

7+81.55 B.C.

7+50

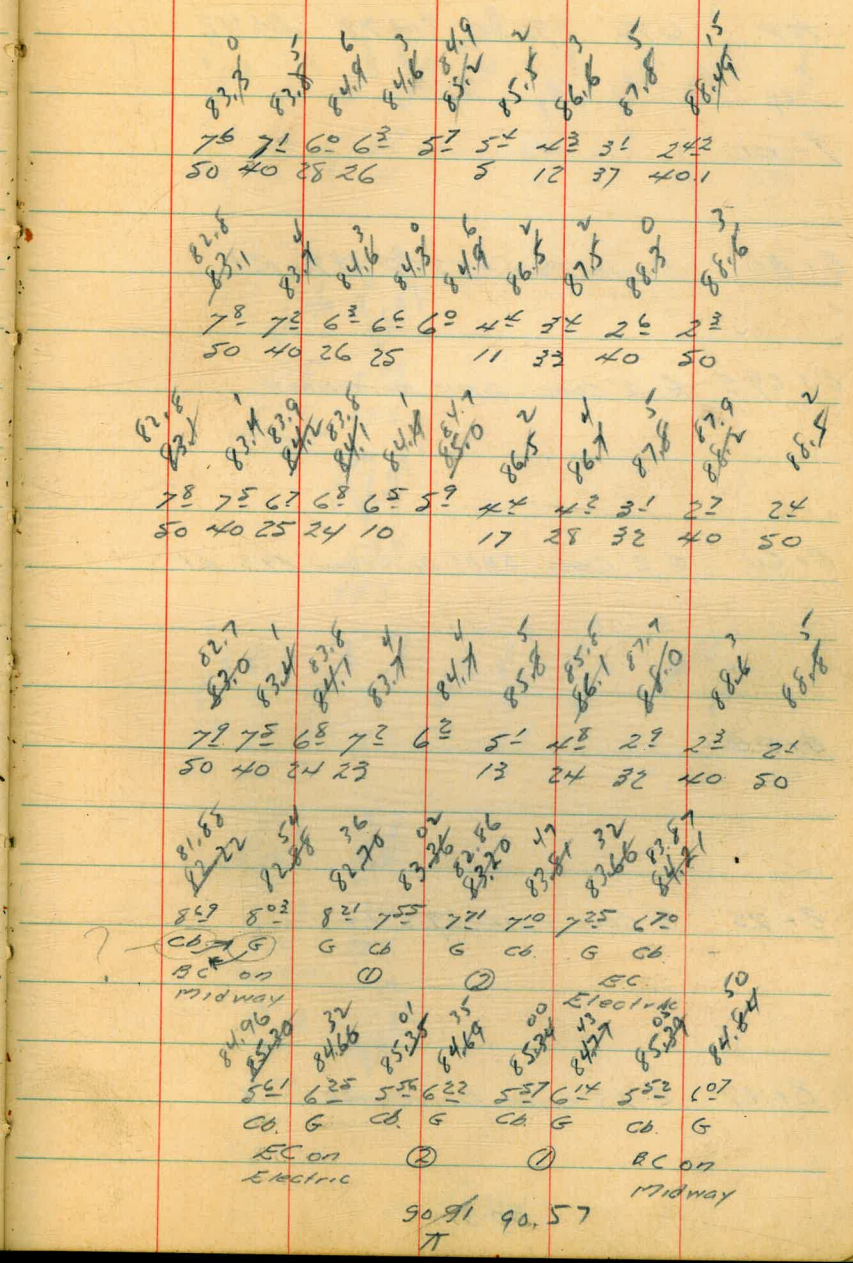
7+23 Power Pole #5525 31.2' Rt

7+00

NE Ret. Electric & Midway (16.7 = Length 3 parts)

NW Ret Electric & Midway (Length = 24' 3 parts)

90.91



T.P.	6.74	92.86	4.79	86.12
9+00				
8+80	Power Pole #5555 29.9 Rt.			
8+69.5	℄ 2' Conc. Split Driveway			
8+64	℄ 2' Conc. Split Driveway 39.8 Lt.			
8+50				
8+25	8' Conc. Walk 39.8' Lt.			
8+17	℄ 7.5 Conc. Drive 40.1 Lt.			

90.91

84.7 85.0 85.3 85.8 86.0 86.2 88.5 89.6 89.8 90.3

5.9 5.6 5.1 4.9 4.7 2.4 1.3 1.1 0.6

50 40 28 4 14 21 40 50

84.76 84.79 85.13

6.15 5.78

+10 39.8

up Drive

84.73 85.07

5.84

39.8

84.7 85.0 85.4 85.5 85.9 88.2 89.0 88.6 89.1 89.7

6.2 5.9 5.5 5.4 5.0 2.7 1.9 2.3 1.8 1.2

50 40 27 7 17 27 29 40 50

83.94 84.28 84.65

6.63 6.26

+10 39.8

up walk

83.80 84.14 84.51

6.77 6.40

+10 40.1

up Drive

90.91 90.57

π

9+95 Guy Pole 32.8 Lt.

9+87 ℄ 8.5' Conc Driveway 39.9 Rt.

9+53 ℄ 2' Conc Walk 40.4 Lt.

9+50

9+34.5 Sewer M.H. 20.8 Lt.

9+16 ℄ Conc Drive 39.8 Lt.

9+08 ℄ 2' Conc Walk 39.4 Lt.

9286

2.5
90.59
2.27
39.9

03
86.39
6.49
40.4

85.8 2 0 1 3 3 4 5 90.8
86.1 86.8 86.3 86.4 86.6 86.6 89.1 90.8 91.1
6.8 6.4 6.5 6.5 6.3 4.3 3.2 2.1 1.5
50 40 31 5 14 21 40 50

85.90
86.24
6.62
20.8
Rim

00 36
85.24 85.70
7.52 7.16
+10 39.8
Up Drive Lt

30
85.64
7.22
39.4

92 86 92 52

10+83 ℄ 8' Conc. Drive. 44' Lt.

10+68 No. Edge Conc. Ramp to Garages 43' Lt

10+50

10+45 ℄ 3' Conc Walk 29.5 Rt.

10+35 So. Edge Conc. Ramp to Garages 43' Lt.

10+33 ℄ 4' Conc Walk 43.8 Lt.

10+00 Power Pole # 5515 29' Rt

9286

87.00 87.34 2 87.56
5.52 5.30
+10 44
up Drive

86.84 87.18 86.69 87.03
5.68 5.83
+10 43
up Drive

86.78 87.42 86.67 87.01 86.8 87.1 87.5 87.5 87.8 88.9 89.7 91.6 91.8 91.9 92.2
5.24 5.85 5.8 5.4 5.4 5.1 4.0 3.2 1.3 1.0 0.7
50 43 26 26 9 28 34 36 40 50
Ramp

88.98 89.52 90.82 91.16
3.54 1.70
29.5 +10
up Walk

86.69 87.03 87 86.91
5.83 5.93
+10 43
up Drive

86.97 87.31 86.97 87.31
5.55 5.55
+10 43.8
on Walk

85.9 86.2 86.6 86.6 86.8 86.9 89.3 89.5 90.8 91.1 91.9
6.7 6.3 6.3 6.1 6.0 3.6 3.4 1.8 1.0
50 40 32 5 30 34 40 50

9284 9252
7

12+40.40 30. Line Forward St. Edge Paving

12+00

11+50

11+44 ℄ 8' Conc Drive 44.1 Lt

11+19 ℄ 3.4' Conc Walk 45.7 Lt.

11+12 Power Pole #5585 28.1' Rt.

11+00

92.86

42

92.86 92.52

B.M.			11.88	75.34	75.33
TP	2.22	87.22	7.86	85.00	

x 12+72.56 ℄ Forward

SE Cb Ret Electric & Forward 24' = Lgth. 3 pts)

x SW Cb Ret Forward & Electric (Length = 18.5 3 pts).

12+56.5 So Cb. Line Forward

9286 ○

S.W.B.P. Forward & La Jolla Blvd

84.83 85.19 87.11 87.45 88.51 88.85 88.51 88.85 89.36 89.70 89.89 90.23 90.49 90.83

7.69 5.41 4.01 4.01 3.16 2.63 2.03

100 50 85 39 50 61

88.37 88.71 89.02 89.36 88.49 88.81 89.00 89.34 88.60 88.94 89.17 89.51 88.87 89.21 89.49 89.81

4.15 3.50 4.05 3.52 3.92 3.35 3.65 3.05

G Cb G Cb G Cb G Cb

BC on Electric ① ② EC Forward

87.49 86.92 87.56 87.18 87.71 87.30 87.84 87.31

5.03 5.60 4.96 5.34 4.81 5.22 4.68 5.21

Cb G Cb G Cb G Cb G

EC on Forward ② ① BC on Electric.

85.34 85.00 84.59 84.25 87.38 87.04 86.49 87.49 86.92 88.49 88.46 88.87 89.47 89.46 90.07

7.52 8.27 5.18 6.03 5.03 5.60 4.03 4.06 3.65 3.05 3.06 2.45

Cb G Cb. G Cb. G 8 45.3 45.3 55 55

100 100 50 50 41 41 G Cb G Cb

EC EC

~~9286~~ 92.52

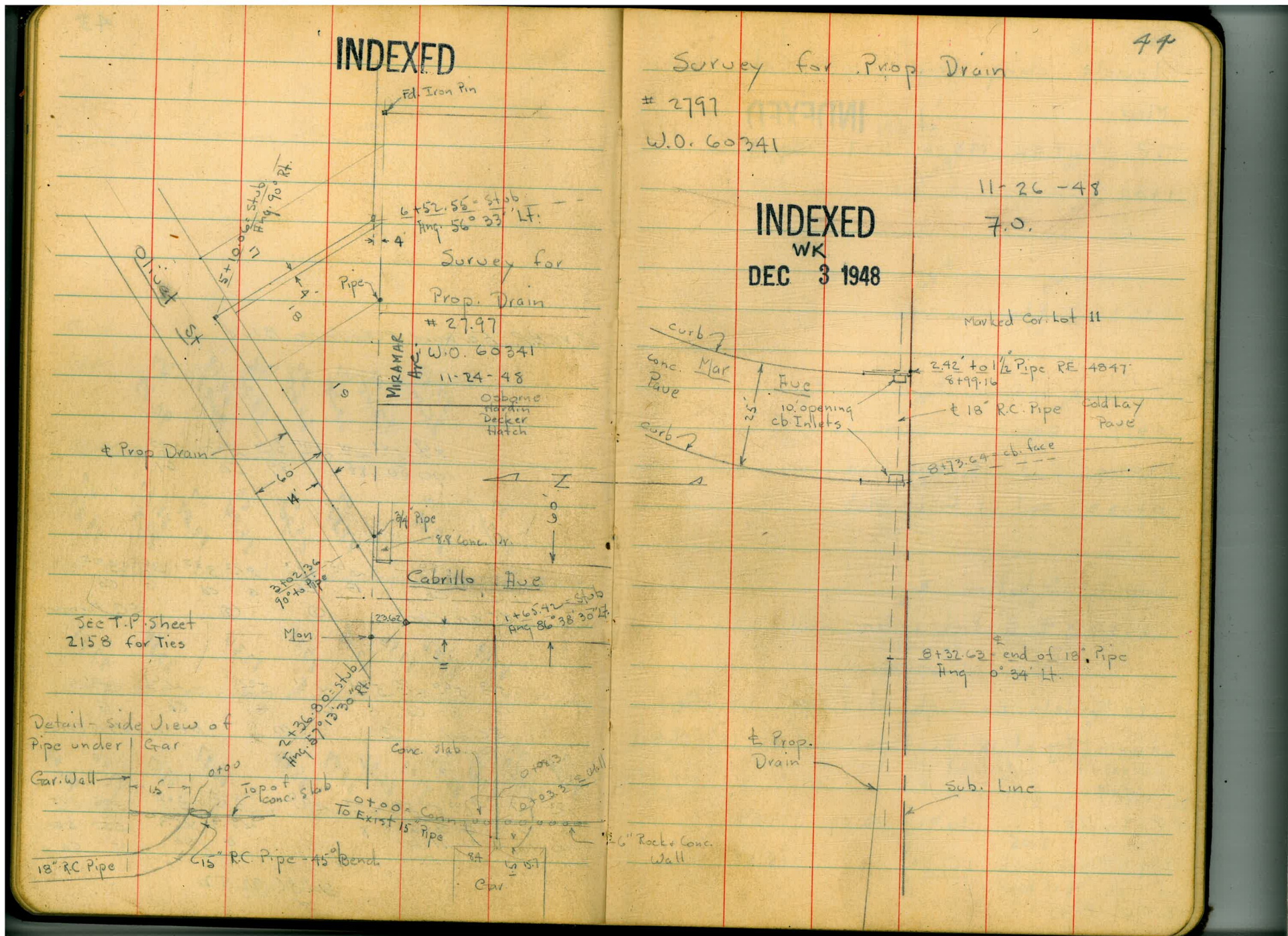
Survey for Prop. Drain

2797

W.O. 60341

11-26-48

7.0.



Levels along Prop Drain - Cabrillo to Mar

T.P.	12.42	143.06	0.27	130.64

.1+00.

0+50

0+17

0+08.6 - 3' Lt. = ℄ Pead Man

0+08.3 = end of Conc slab

opening in bottom

0+03.3 = ℄ 6" Rock + Conc. wall - 1.3 x 0.7 High

to Inlets on High St. (Pipe under Gar.)

0+00. = Top of 15" RC. Pipe = inlet of 18" Culvert

Fence Post. 6.37

T.P. = Top of F	12.05	130.91 ✓	3.09	124.54
B.M. = Top of E. cb. of High = ℄ of Box		127.63 ✓		115.58

B. 1769 - P. 43

Lt	℄	Rt
	143.06	
128.8 2.1 20	127.9 3.0	129.61 3.3 20
123.7 7.2 10	123.4 7.5	123.1 7.8 10
120.9 10.0 10	120.4 10.5	120.9 10.0 10
	119.96 10.95 Top Conc.	
	119.24 11.67 = Bottom of opening	121.84 9.07 Top of wall
119.97 10.99 5 Top Conc. slab	117.36 13.55 = Approx. F.L. of 18" Pipe	118.77 12.14 = Low Side - Inlet of 15" Pipe
	130.91 ✓	120.01 10.90 5 = Top Conc. slab

3+50

T.P. 12.23 155.10 0.19 142.87

3+00

2+90 - 7' Rt. = Cor. of Conc. Drive

2+65 = oil Pave

2+36.80 - Hng. 57° 13' 30" Rt

2+26 - 10.8 Lt. = end of wall

2+00

1+82.5 - 10' Lt. = Beg 6" Conc. wall + fence

1+65.42 = Hng 86° 38' 30" Lt.

1+50

Lt	℄	Rt.
144.60 10.5 15 Pave	144.6 10.5 4 edge of Pave	145.0 10.1 155.10 ✓	145.7 9.4 10
139.8 3.3 10 Pave	139.6 3.5 Pave	140.96 2.10 13.6 edge Conc. Dr.
		138.43 4.63 7' = Cor. Dr.
137.2 5.9 10	137.3 5.8	137.1 6.0 10
135.25 7.81 10.8 Top of wall	135.40 7.66 on Stub.	
135.5 7.60 10.3 Top wall	134.9 8.2 10.3 ground	134.6 8.5	134.9 8.2 7' = oil Pave
135.6 7.49 10 Top - Cor. of wall	134.25 8.81 on Stub	134.6 8.5 7 - 90° to Forward Tang	edge of oil Pave
132.8 10.3 20	133.0 10.1 10	132.5 10.6 143.06 ✓	131.9 11.2 20

5+50 + 5.6' Rt. = Ely. of 23 Conc. walk along House

to keep Water off House.
17 Lt. = ℄ Present water way - shallow Ditch Dug

5+25 - 5.7 Rt. = ℄ 2" Tree

5+10.06 = Ang. 90° Rt.

5+00

Also end of Pave in street
4+76 - 7 Rt. = ℄ P. pole # P 1215

4+50 = edge of oil Dr.

T.P.	12.98	167.96	0.12	154.98

4+40 = edge of oil Pave Drive

4+00

3+75 - 6.1 Rt. = ℄ P. pole # P 1205

Lt.	℄	Rt
168.0	166.6	165.23
0.0	1.4	2.73
19 = ℄ Ditch		5.6 = walk
164.8	164.5	163.7 / 163.0
3.7	3.5	4.3 / 5.0
17 = ℄ Ditch	10	10
	164.47	
	6.49	
	on Stub	
159.2	159.3	160.8 / 162.5
8.8	8.7	7.2 / 5.5
15	8 = gut.	10
Dirt		
154.7	154.9	155.5 / 156.9
13.3	13.1	12.5 / 11.1
15	7 = edge	10
Pave	+ gut.	
	167.96 ↓	
	0.2 154.9	
149.5	149.3	150.4 / 151.1
5.6	5.8	4.7 / 4.0
15	8	10
	edge = gut.	
	155.10 ↓	

7+50

T.P. 13.08 217.99 0.08 204.91

7+03 - 4.5 Rt. = end of Wire fence

T.P. 12.75 204.99 0.50 192.24

7+00

6+61 - end of Picket & Beg. Wire fence

T.P. 12.27 192.74 0.43 180.47

6+52.55 = Ang 56° 33' Lt. - 3.4 Rt. (South) = Pickett fence

6+20

5+85 - 5.6' Rt. = end. of Conc Walk

T.P. 13.18 180.90 0.24 167.72

205.4 Lt. 206.8 ℄ 210.8 212.3 Rt.

12.6 11.2 7.2 5.7

40 = ℄ Ditch 35 10

217.99

204.99

190.8 194.7 193.5

1.9 0.0 +0.8

31 = ℄ Ditch 10

192.74

180.01

0.89 on Stub.

179.1 175.4 173.5

1.8 5.5 7.4

25 = ℄ Ditch 10

173.2 170.1 165.78

7.7 10.7 15.12

23 = ℄ Ditch 5.6 = Cor. Walk

180.90

167.96

check B.M. - N.W. Exchange ± Mar.			8.19	219.48 ✓	219.62
	1.22	227.67 ✓	12.80	226.45	
	0.18	239.25 ✓	13.18	239.07	
	0.11	252.25 ✓	13.02	252.14	
Top on Mar F.H. - end of Conc. Pave			3.61	261.55 ✓	

8+73.64 = cb. face about ℄ of Pipe - 10' opening. Inlet

T.P.	9.27	265.16 ✓	0.29	255.89
T.P.	12.83	256.18 ✓	0.35	243.35

8+32.63 = outlet of 18" Pipe ± Ang. 0° 34' Lt.

open ditch to outlet of Pipe

8+15 = Waterway goes underground Here

T.P.	13.01	243.70 ✓	0.09	230.69

8+00

T.P.	13.01	230.78 ✓	0.22	217.77

Notes Reduced 12-17-09

Lt ℄ Rt 49

257.98
7.18
Top of Grate

258.91
6.25
Top of cb.

249.58
15.58
F.L. of Box + Pipe

265.16 ✓

241.1
2.6
5

239.20
4.50
F.L. Pipe

240.8
2.9
5

234.6
9.1
Top

12.0
Bottom
231.7

243.70 ✓

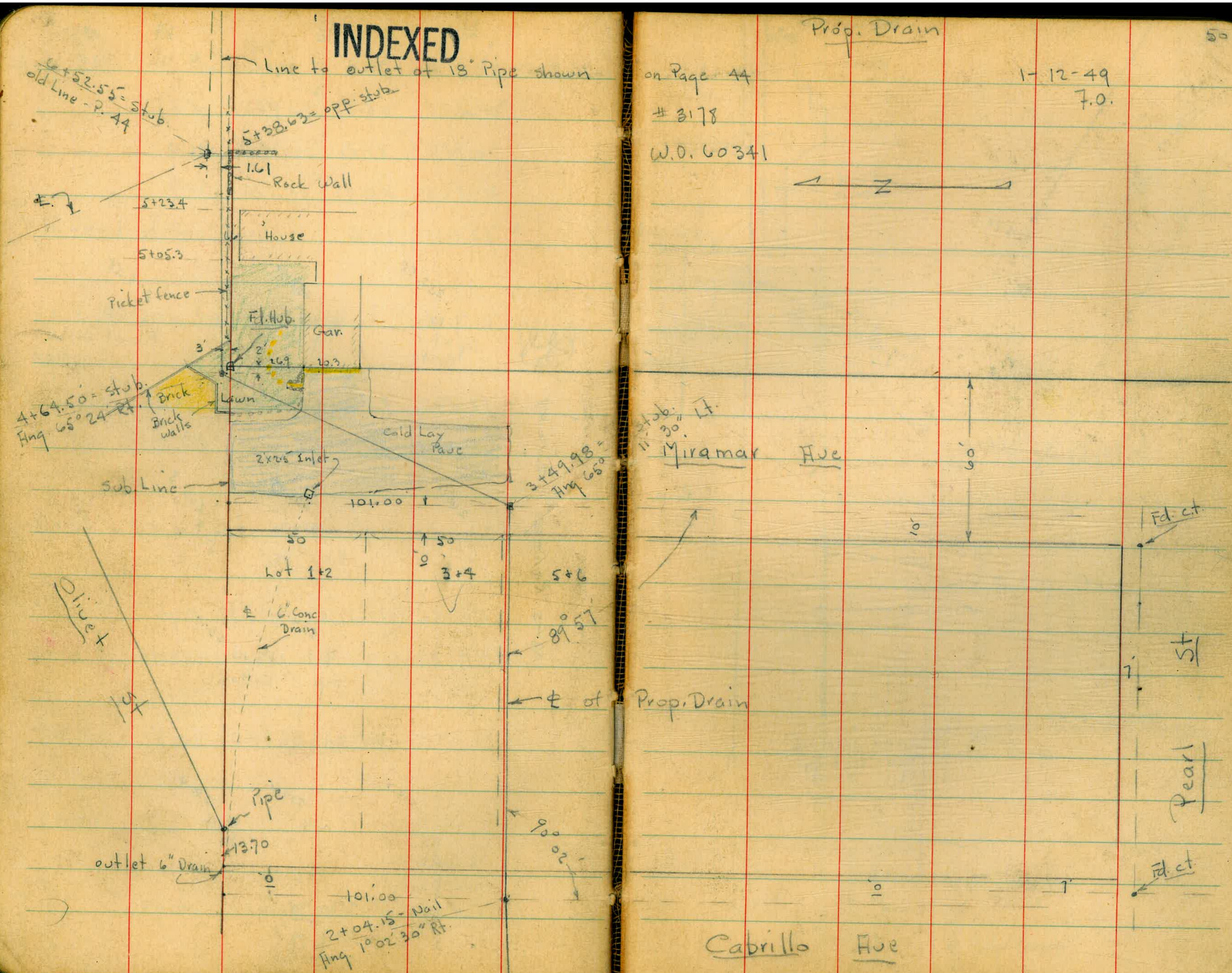
228.4
2.6
10
℄ waterway underground.

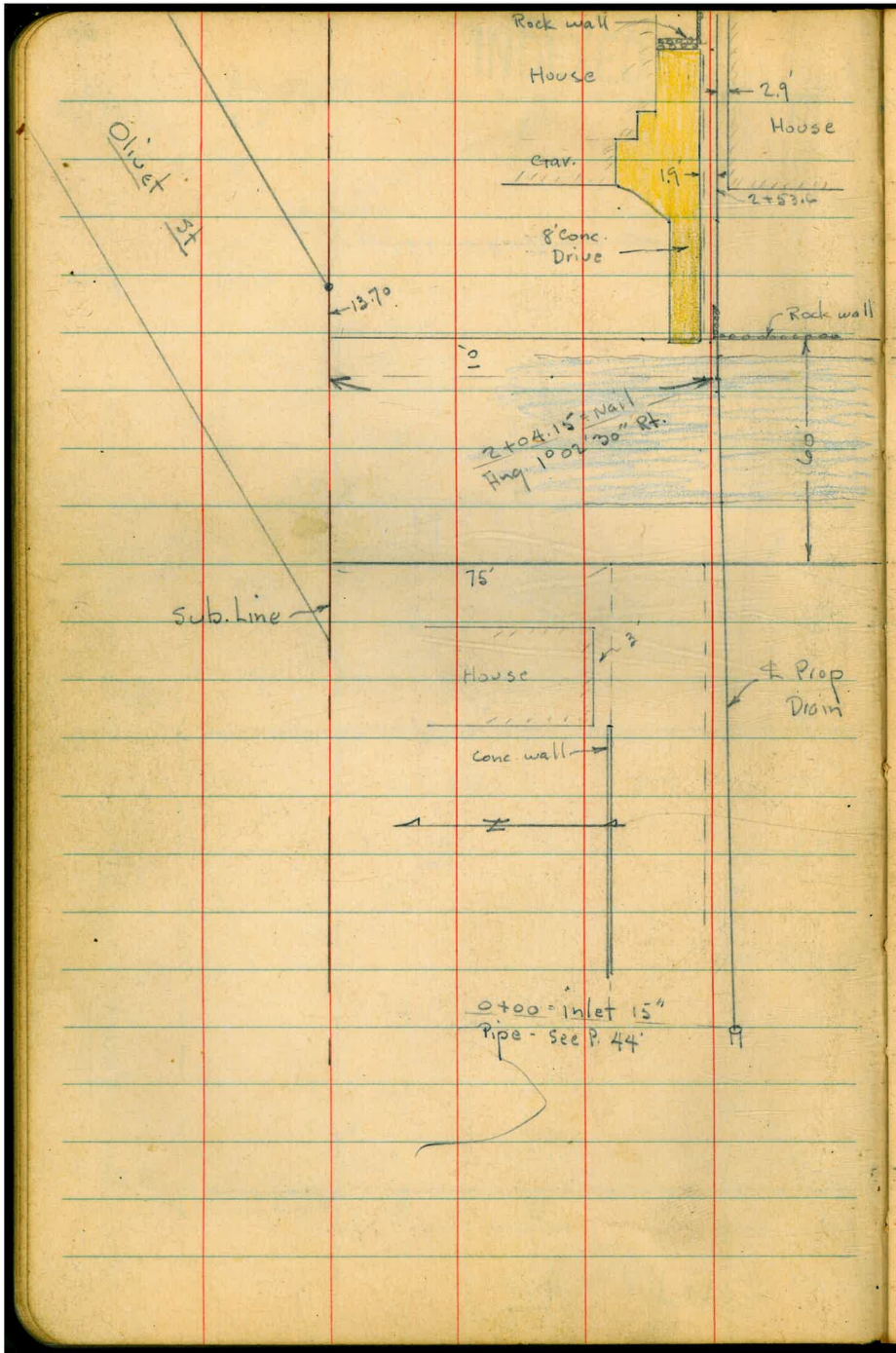
229.4
1.4

230.4
0.4
10

230.78 ✓

217.99 ✓

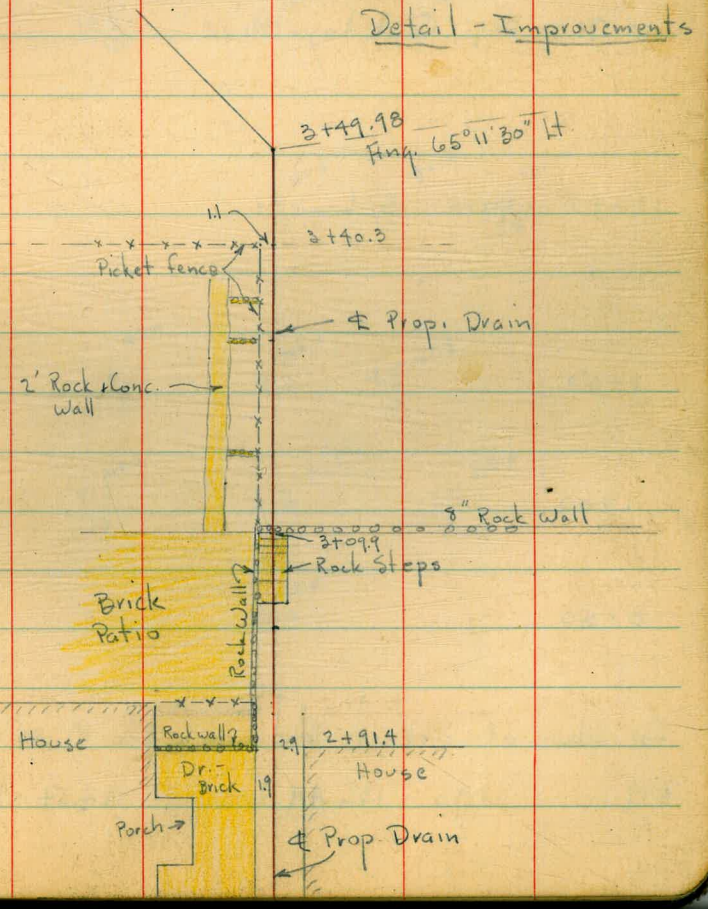

Prop. Drain
Line to outlet of 18" Pipe shown on Page 44
1-12-49
T.O.
3178
W.O. 60341
Z
6+52.55 = Stub
old Line - P. 44
5+38.63 = opp. stub
1.61
Rock Wall
℄
5+23.4
House
5+05.3
Picket fence
Fl. Hub
Gar.
3'
2.69
20.3
4+64.50 = Stub.
Ang. 65° 24' Rt.
Brick
Brick walls
Lawn
Cold Lay Pave
2'x2.5' Inlet
Sub Line
101.00
3+49.98 = Stub.
Ang. 65° 11' 30" Lt.
Miramar Ave
60'
10'
Fd. ct.
50
50
Lot 1+2
3+4
5+6
Olive St.
℄ 6" Conc. Drain
89° 57'
℄ of Prop. Drain
7'
St.
Pearl
Pipe
13.70
outlet 6" Drain
90° 02'
101.00
2+04.15 - Nail
Ang. 1° 02' 30" Rt.
10'
7'
Fd. ct.
Cabrillo Ave



Cold Lay Pave

Cabrillo Hue

Detail - Improvements



2+10 = edge Ct. Pave

T.P. 12.91 148.84 ✓ 0.51 135.93

2+04.15 = sng. 1° 02' 30" Rt.

1+71 = Beg. Cold Lay Pave

1+64 = approx. ct. Line

1+50

1+00

0+50

for elev. of 0+00 + Conc. work See P. 45 = Same

B.M. 11.90 136.44 ✓ 124.54 = Fence post P. 45

Lt	℄	Rt.
	136.22 12.62	
	148.84 ✓	
136.44 0.00 50	135.84 0.62 10	135.92 0.52
135.85 0.59 10	136.15 0.29 50	
134.56 1.88 10	134.58 1.86	134.62 1.82 10
134.5 1.9	134.6 1.8 10	134.9 1.5 50
133.0 3.4 10	132.1 4.3	131.9 4.5 10
128.3 8.1 10	128.1 8.2	128.0 8.4 10
	123.4 13.0	
	136.44	

3+02.6 = ℄ Bottom Step of 2.5' Rock + Conc. Steps

3+49.98				
T.P. on Stub	4.98	163.88 ✓	1.10	158.87
T.P.	11.41	159.97 ✓	0.28	148.56

2+91.4 - 2.9 Rt. = N.E. Cor. House

Conc. wall + 1.3 Lt. = Beg Picket fence

2+91 - 1.9 Lt. = end S. edge Brick Dr. at 8" Rock +

2+81 - 9.1 Lt. = Nearest part of House = porch

2+74 - end Conc. + Beg. Brick in Drive

2+53.6 - 2.9' Rt. = N.W. Cor. Stucco House

2+50

2+14.5 - 1' Lt. = Nly. Cor. 6" Rock + Conc. wall

2+13.3 - 2.1' Lt. = Beg. S. edge of 8' Conc. Drive

Lt.	℄	Rt.
	148.56 15.29 = Conc. Step.	
	163.85 ✓	
		147.8 1.0 2.9 = ground at House
148.16 0.65 12.1 Conc. at House	149.36 +0.52 1.9 Top Rockwall	148.16 0.68 1.9 = end Dr. 147.9 0.9
145.14 3.70 9.9 edge Dr.	145.09 3.35 1.9	145.3 3.5 145.3 3.5 2.9 = along House
		148.71 3.13 2.9 = floor. 143.5 5.3 2.9 = ground along House
142.17 6.67 12 = edge Dr.	142.00 6.84 1.9 = edge Dr.	142.5 6.3 142.5 4.3 10
138.54 10.30 1 = Top wall	136.70 12.14 2.1 Cor. Dr. 136.6 12.2 1' ground	138.54 10.30 10 = Top wall
	148.84 ✓	

Conc Sides & Bottom - 6" Conc Pipe outlet.

4+17.4 - 28.5 Lt = ℄ 2'x2.5' Inlet with grate

4+00

3+46 - 22.5' Lt. = ℄ P. pole # P 7580

3+67 = edge C.L. Pave

3+49.98 = Ang. 65° 11' 30" Lt.

3+43.3 - 1.1' Lt. = Cor. Picket fence

2+30 -

3+13.6 - 2.5' Lt. = ℄ 6" Acacia

3+09.9 = Top of Rock Steps

Lt.	℄	Rt.
157.90 5.95 28.5 FL. of 6" Pipe	157.30 6.55 28.5 Bottom of Box	158.75 5.15 28.5 = Top Grate
159.4 4.5 10	159.8 4.0	160.4 3.5 10 = C.L.
158.6 5.2 10	158.8 5.0	159.6 4.3 10 = C.L. Pave
158.8 5.1 10 90° to Back tang.	158.87 4.98 = Stub.	159.0 4.8 10 / 161.0 2.9 50 = 8" E. in exist. gutter.
154.8 9.1 10	155.0 8.8	155.2 8.6 10
153.8 10.1 10 ground.	153.87 10.28 3.8 = edge 2' Rock + Conc Walk	153.6 10.2 / 153.8 10.0 10
150.18 13.67 10 Brick Patio	151.18 12.67 10 Top of wall	151.16 12.69 = Top Steps 163.85	151.20 12.65 10 Top wall	148.2 15.6 10 ground.

5+00 - 2.2' Rt. = ± 8" Tree

4+80

4+75.5 - 2' Rt. = Beg. Picket fence

4+73.5 = face of Brick wall - see sketch for angle.

4+64.50 = Hng. 65° 24' Rt. - Sect. on split

4+64 - 3.5' Lt. = face of Brick Wall = Cor.

4+60

4+56 - 7.5' Lt. = ± 16" Pine Tree

T.P. 9.69 172.69 ✓ 0.85 163.00

4+38.8 - 14.4' Rt. = N.W. Cor. Gar. - Conc. floor.

4+32 = edge C.L. Pave

Lt.	℄	Rt.
0.8 (171.9) 10	0.6 (172.1)	0.0 (172.7) 10
4.9 (167.8) 10	5.0 (167.7)	4.8 (167.9) 10
9.1 (163.6) 8 ground	7.78 (164.91) 8	6.78 (165.91) 8 = Drop in Top
6.73 (165.46) 4	6.32 (166.37) 4' along wall = Drop in top	6.33 (166.36) Top
7.2 (165.5) ground	6.3 (166.4) 2.3 along wall = end.	
12.12 (160.57) 10 = Patio	12.12 (160.57) 4.7 = Brick	10.81 (167.88) 4.7 = Top wall
9.43 (163.26) on Stub.	7.0 (165.7) 10	
12.0 (160.7) 3.5 Dirt	10.78 (161.91) 3.5' = Top wall	
12.25 (160.44) 10 = on Brick Patio	8.6 (164.1)	6.7 (166.0) 10

172.69 ✓

Lt.	℄	Rt.
3.3 (160.6) 8.6 edge C.L.	0.7 (163.3 ✓)	0.5 (163.3 ✓) 7.5 = ± Conc. Steps (see sketch)
1.9 (161.94) 14.4 = floor	2.7 (161.2)	

163.85 ✓

Check B.M. - stub. 6+52.55' P. 48		3.73	180.04 ✓	180.01
Rest of Profile - same				
+ 2.2 Rt. = Picket fence				
+ 2.3' Rt. = end Nly. wall				
5+38.63 = opp. 6+52.55 = stub on ℄ Pt. - old line - P. 44				
5+24 - 2.5 Rt. = Beg. Nly. 8" Rock + Conc. wall				
5+23.4 - 6.6 Rt. = Cor. House				
5+05.3 - 6.6 Rt. = Cor. House				
5+04 - 2' Rt. = ℄ 8" Acacia				
T.P.	12.38	183.77 ✓	1.30	171.39

Notes Reviewed 1-15-09

180.04
3.73
1.61 = old stub

180.1
3.7

180.76
3.01
2.3 = Top wall

177.8
6.0
3' ground

177.9
6.1
10

176.4
6.9
2.5 ground

178.4 ✓
5.35'
2.5 = Top wall

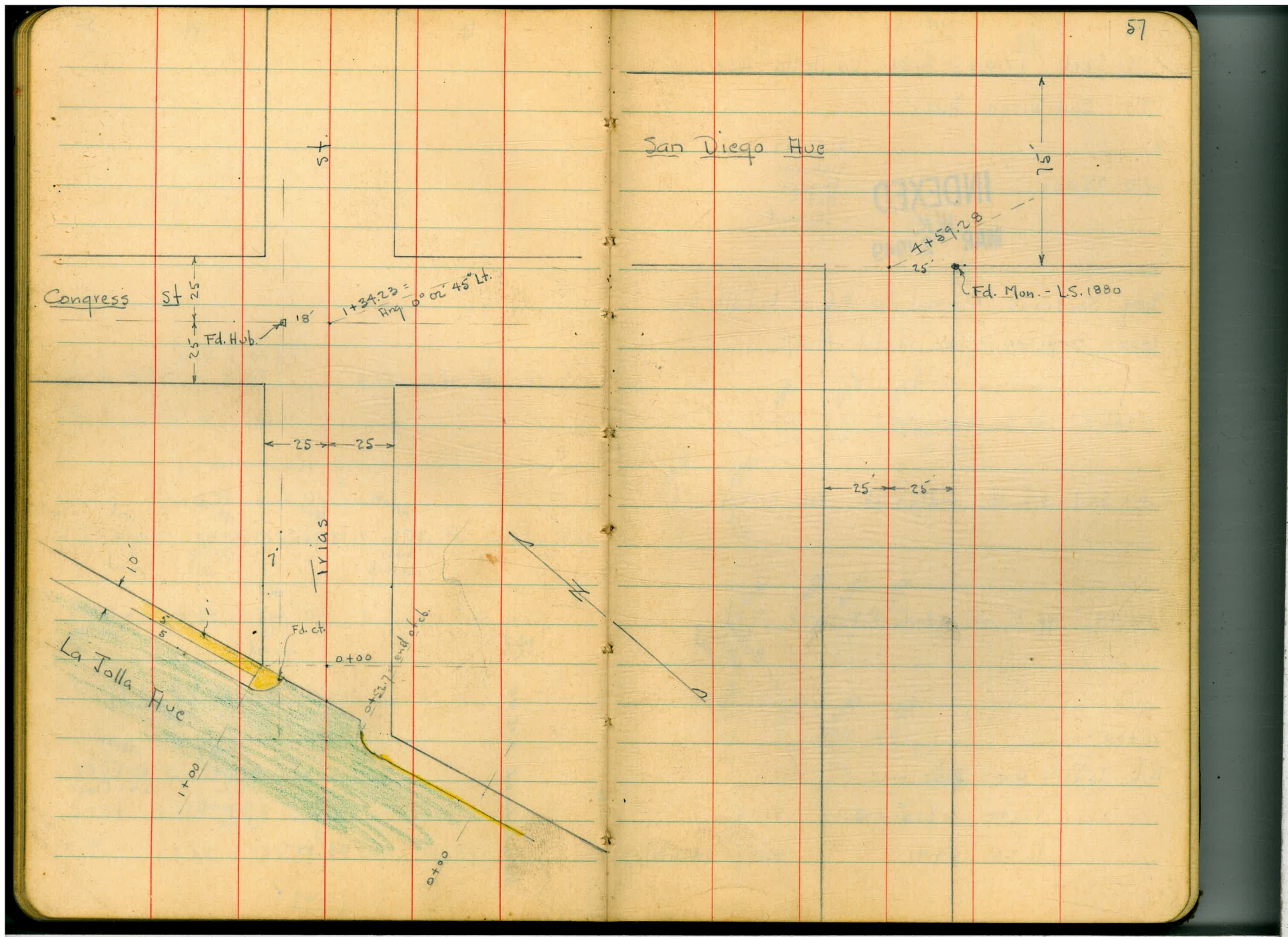
177.2
6.6
6.6 = ground.

173.4
10.4
6.6 ground at Cor.

178.7 ✓
5.05'
6.6 = floor

183.77 ✓

172.69 ✓


San Diego Hue
150'
1+59.29
25'
Fd. Mon. - L.S. 1880
25'
25'
Congress St
25'
25'
Fd. Hub.
18'
1+34.23 = Hng 0° 02' 45" Lt.
25
25
7'
10'
5'
5'
Fd. ct.
0+00
0+23.7 end of cb.
La Jolla Hue
1+00
0+00
N
S

X-Sect. Trias - from La Jolla Hve
To San Diego Hve.

3-1-49
Osborne
Hardin
Hatch
Shepard

W.O. 25001

Beg. Sections Normal to E.L. of La Jolla Hve

1+00 = Prop. Cor. - See sketch P. 57

0+55.6 = Cor. Hc. Pave

0+52.7 - 3.5 Lt. = end of cb. - Ret. Broken

0+44 = opp. P.C. of 10' Rad. Ret.

Reduced 3/14/49 EAL

0+00

E.L. La Jolla Hve = Base Line

	12.00	63.15'	3.26	51.15'
	10.66	54.41		43.75' S.E. B.P.

La Jolla & Ampudia

Lt. E.L. = Base Line Rt.

54.4 8.71 20
54.3 8.81 10
54.75 8.40 = Cor. H.C. pave

54.65 8.50 3.5 cut
55.65 7.50 3.5 Top

59.8 8.37 20
54.73 8.42 10 cut.
55.56 7.59 10 Top = P.C.
56.3 6.5

56.4 7.01 20
55.28 7.14 9.9 cut.
56.82 6.33 9.9 Top
57.7 5.5 = E.L.

63.15'

1+22 = end. = opp P.C. of 2' Rad Ret to Drive or Alley

1+00 = Prop. Cor. + opp. P.C. of 10' Rad. Ret.

0+89.8 = end of Ret

0+83

0+74

0+65

Lt. — Base Line E.L.

52 53	52 22	52 96	53 08
10.62	10.93	10.19	10.07 = edge walk
20	10 gut	10 Top	
52 15	52 28	53 53	53 80
10.00	10.35	9.62	9.35 = edge of walk
20	10 gut	10 Top	
53 40	53 26	54 31	53 09
9.75	10.00	8.84	10.06
20	10	Top	gut
53 63	53 47	53 83	
9.52	9.68	9.32	
20	10	edge	
53 91	53 83	54 20	
9.24	9.32	8.85	
20	10	edge	
54 15	54 06	54 55	
9.00	9.09	8.60	
20	10	edge	

63.15

Begin Regular Sections of Trias.

INDEXED

℄ Congress

1+34.23 = on Sewer M.H. 7.20 on Rim

1+23 = edge of C.L. Pave for Court

1+00

0+90 - 16.3' Lt. = ℄ P. pole # 493315-H

T.P. 12.69 74.30 1.54 61.61

0+50

See F.B. 1710

43+53

0+25

0+11 - 16.3' Lt. = ℄ P. pole # 493314-H

0+00

	Lt.		℄		Rt.			60
63.7	65.6	65.8	66.6	67.5	67.2	66.5	66.2	62.8	65.4
10.6	8.7	8.5	7.7	6.8	7.1	7.8	8.1	11.8	8.7
50	27	25	15		15	25	28	34	36
	edge C.L.							℄ Wash	
63.3	64.8	65.1	65.8	66.8	66.7	64.6	61.2	65.3	65.5
11.0	9.5	9.2	8.5	7.5	7.6	9.7	12.7	9.0	8.8
50	28	25	15		15	25	28	30	35
	@ or. C.L.						℄ Wash		
62.7	63.3	63.2	64.2	65.1	63.6	60.7	64.4	64.0
11.6	11.0	10.6	10.1	9.2	10.7	13.6	9.9	10.3
35	25	15		15	23	26	29	35
						℄ Wash		
			74.30					
59.5	59.5	60.3	60.1		59.8	58.3	60.2	60.8	61.9
3.7	3.7	3.0	3.1		3.4	5.0	3.0	2.3	1.3
35	25	15			13	16	20	25	35
					℄ Wash				
57.9	58.5	59.2	58.2	57.6	56.1	58.1	58.8	60.4
5.3	4.7	4.0	5.0	5.6	7.1	5.1	4.4	2.8
35	25	15		11	13	15	25	35
					℄ wash			
53.8	58.2	56.1	56.0	55.2	56.2	56.2	57.3
9.35	5.0	7.1	7.2	8.0	6.5	6.3	5.9
25 =	15	6		4	15	25	35
edge of walk				℄ wash			
			63.15 - P. 59				

T.P.	12.48	99.03	0.30	86.55

2+75 - 27.2 Lt. = end Cor. of Court

2+50

2+40 - 28.3 Lt. = ℄ Court

2+15 - 28.2 Lt. = ℄ Court

2+00

T.P.	12.83	86.85	0.28	74.02

1+94 - 28' Lt. = ℄ Next court

1+76 - 16' Lt. = ℄ Guy Pole # 493317-11

1+62 - 28' Lt. = Cor. Bldg. = (Huts Court) = Beg. Row of Courts outside of Porches to Huts Courts

1+59.23 = E.L. Congress & Edge of C.L. & Line of

1+53 - 17.9 Lt. = ℄ 10" Palm in 4' Conc. Ring

	Lt.	℄	Rt.
82	81		
4.13	5.4		
27.2	27.2		
floor	= ground		
80	80	83	84
6.73	6.5	3.5	2.4
28.3	25	15	
on Conc. Car Port			
91	79		
5.63	1.6		
28.3	28.3		
floor	ground		
76	75		
10.28	11.5		
28.2	28.2		
floor	ground		
71	72	73	74
14.88	14.4	13.1	12.1
28.2	25	15	
on Conc. of Car Port			

86.85

72	71						
2.24	3.0						
28	28						
floor	ground						
69	67						
5.20	6.8						
28	28 = ground						
floor							
65	67	67	68	69	69	69	68
8.6	7.3	7.1	6.3	5.3	4.9	4.5	5.6
50	27	25	15		15	25	35
	Cor. C.L.						

74.30

= end.

4+96.78 = ℄ San Diego Ave = Sewer MH.

S.E. Cor.

B.M. on Mon 11.62 146.90 1.43 135.28

4+59.28 = W.L. of San Diego Ave

4+30 - 27.5' Lt. = End of Large sign

T.P.	13.17	136.71	0.94	123.54
4+00				
T.P.	13.00	124.48	0.45	111.48
3+50				
T.P.	13.03	111.93	0.13	98.90
3+00				

62

Lt.			℄		Rt.	
128.8	130.9	131.5	132.6		132.5	132.3	132.8
7.9	5.8	5.2	4.15		4.2	4.2	3.9
50	25	15			15	25	50

on Rim of Sewer M.H. - Look up Elev

146.90

128.2	130.5	132.3	133.3	134.2	135.3		136.0
8.5	6.2	4.4	3.5	2.0	1.43		0.7
50	25	15		15	25 = Mon		50

121.2	123.7	125.1	127.2	129.1	130.0	130.8
15.0	13.0	11.6	9.5	7.6	6.7	5.9
35	25	15		15	25	35

136.71

115.8	117.6	119.1	121.6	122.9	124.2	123.3
8.7	6.9	5.4	2.9	1.6	0.3	+1.0
35	25	15		15	25	35

124.48

102.6	104.7	106.3	108.5	110.7	111.4	110.1
9.3	7.2	5.6	3.4	1.2	+0.5	+1.8
35	25	15		15	25	35

111.93

91.6	93.2	94.8	95.7	96.9	98.4	98.2
7.4	5.8	4.6	3.3	2.1	0.6	+3.0
35	25	15		15	25	35

99.03

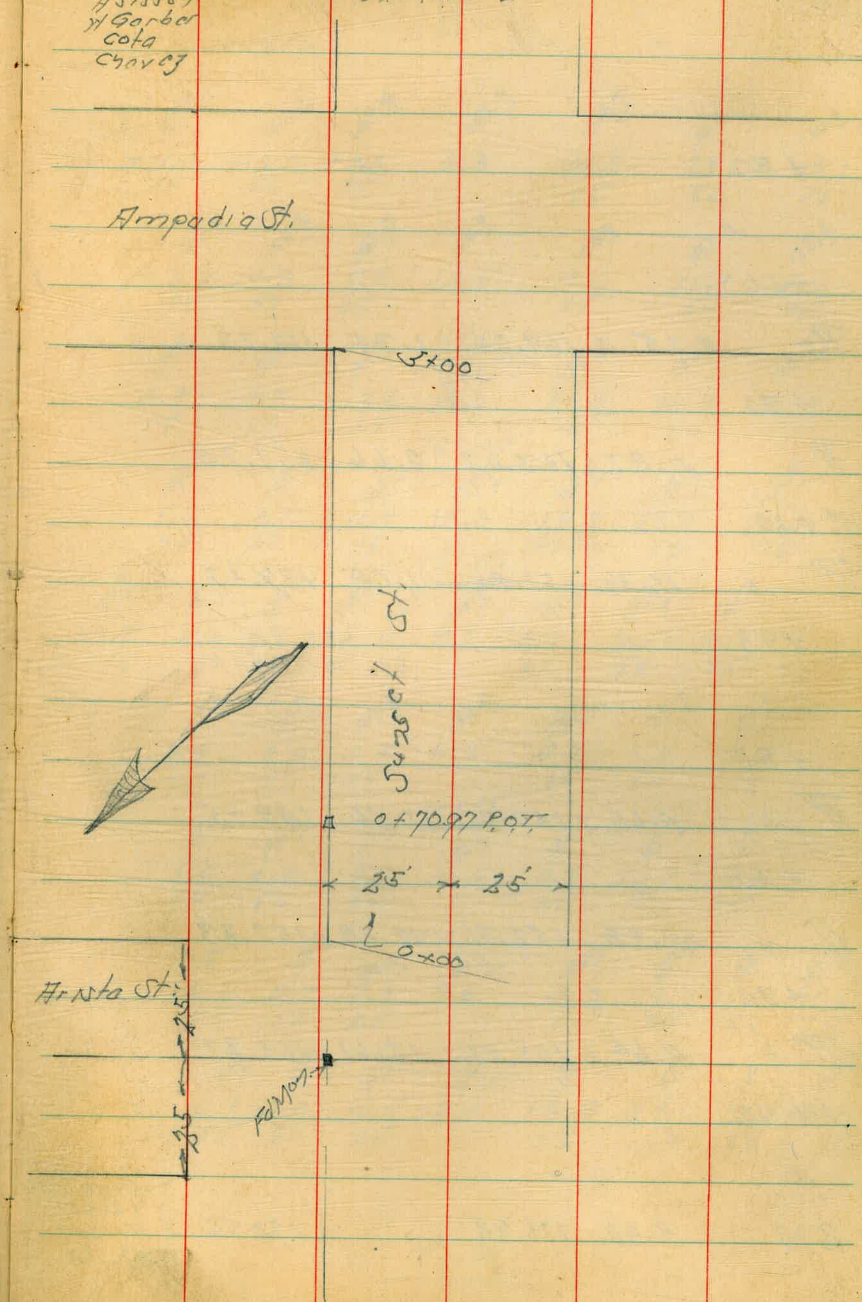
Cross Section Sunset St.
Arista St to Ampudia St.

0 - 75 Sec #1583-52

Notes Reduced & Plotted
McClaren 7/19/49

July 1-49
A Sisson
H Garber
Cota
Chavez

W.O. 25020



Sta.	+	H.I.	−	Elev.	
+80					
+60					
TP	7.51	169.24	1.34	161.73	
+30					
TP	11.87	163.07	0.66	151.20	
2+10					
TP	12.39	151.86	1.08	139.47	
+93					
+81					
TP	0.60	140.55	12.76	139.95	
+60					
TP	0.48	152.71	12.78	152.23	
+30					
TP	0.64	165.01	12.61	164.37	
1+00					
BM	4.40	176.98		172.58	on Conc. Mon. Nly Sunset & Hristo 1583-S3

Lt.=N | ℄ | Rt.=S

(Each entry: elevation / rod reading / distance)

157.9 / +11.3 / 75	162.5 / +6.7 / 50	168.4 / +0.8 / 25	162.9 / 6.3	154.9 / 14.3 / 25	146.1 / 23.1 / 50	136.1 / 33.1 / 75		
165.5 / +3.7 / 75	168.4 / 0.8 / 50	163.5 / 5.7 / 25	156.7 / 12.5	149.6 / 19.6 / 25	143.9 / 25.3 / 50	135.6 / 33.6 / 75		
			169.24					
158.7 / 4.4 / 75	155.3 / 7.8 / 50	149.7 / 13.4 / 25	144.1 / 19.0	138.3 / 24.8 / 25	132.8 / 30.3 / 50	126.3 / 36.8 / 75		
			163.07					
150.3 / 1.6 / 75	144.2 / 7.7 / 50	140.0 / 11.9 / 25	133.1 / 18.8	128.5 / 23.4 / 25	122.1 / 29.8 / 50	115.9 / 36.0 / 75		
			151.86					
138.7 / +1.8 / 75	135.9 / 4.6 / 50	134.6 / 5.9 / 36	126.0 / 14.5 / 25	125.8 / 14.7 / 13	131.8 / 8.7	131.8 / 8.7 / 25	133.4 / 7.1 / 50	131.8 / 8.7 / 75
139.6 / 0.9 / 75	137.7 / 2.8 / 50	134.8 / 5.7 / 25	134.0 / 6.5	135.8 / 4.7 / 25	135.3 / 5.2 / 50	133.0 / 7.5 / 75		
			140.55					
147.7 / 5.0 / 75	146.7 / 6.0 / 50	143.6 / 9.1 / 25	142.2 / 10.5	144.3 / 8.4 / 25	142.0 / 10.7 / 50	137.8 / 14.9 / 75		
			152.71					
159.0 / 6.0 / 75	156.3 / 8.7 / 50	155.7 / 9.3 / 25	155.4 / 9.6	154.7 / 10.3 / 25	152.0 / 13.0 / 37	148.6 / 16.4 / 50	142.5 / 22.5 / 75	
			165.01					
170.7 / 6.3 / 75	168.0 / 9.0 / 50	166.5 / 10.5 / 25	164.9 / 12.1	159.0 / 18.0 / 25	153.0 / 24.0 / 50	149.5 / 27.5 / 65	145.1 / 31.9 / 75	
			176.98					

	+	H.I.	−	Elev.	
			2.69	172.58	B.M. 172.58
TP	2.46	175.27	3.33	172.81	
3+00					
TP	7.43	176.14	0.53	168.71	

	Lt.		℄	Rt.		
168.6	172.5	174.2	166.2	159.5	148.8	139.4
+7.5 75	+3.6 50	1.9 25	9.9	16.6 25	27.3 50	36.7 75

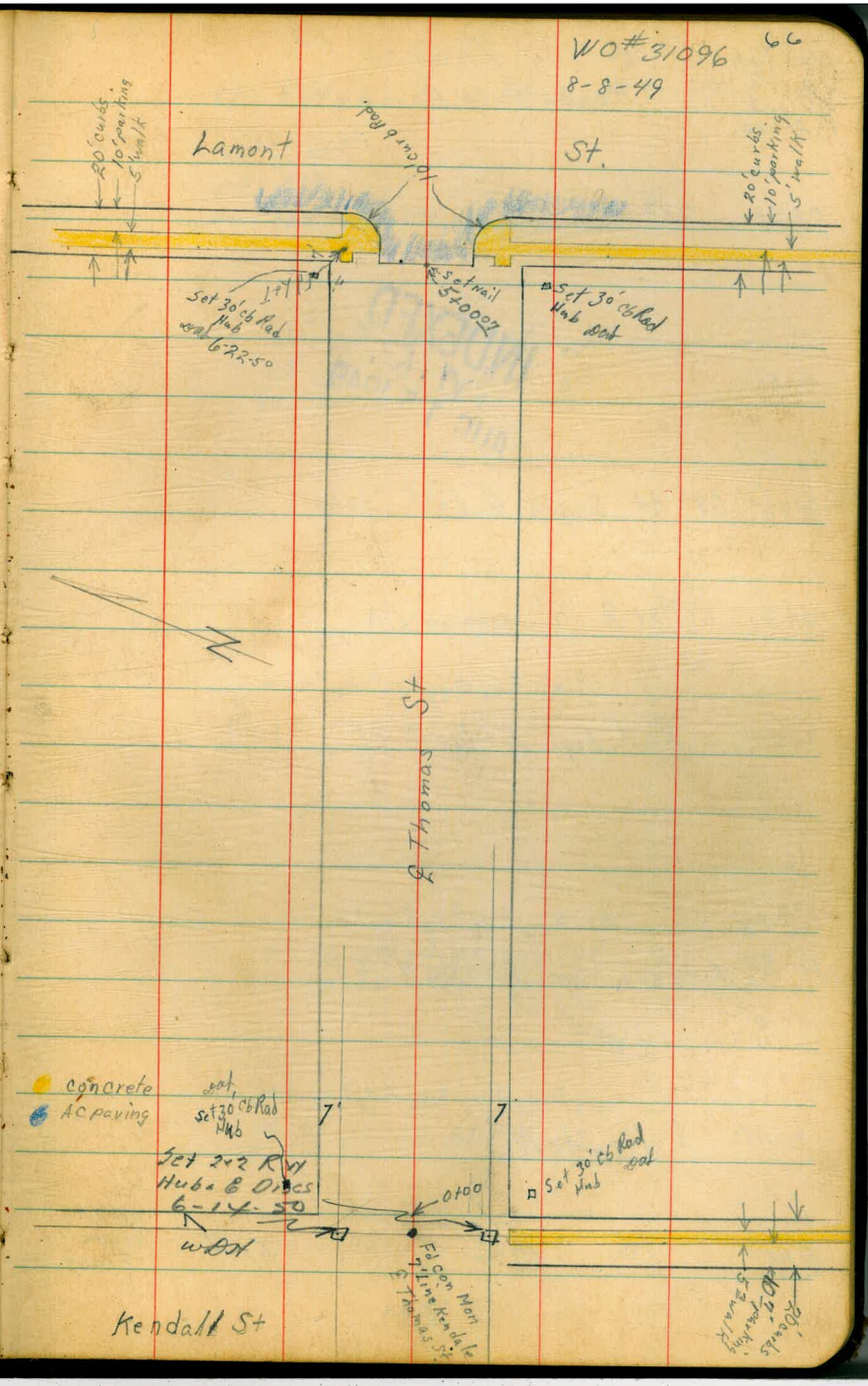
176.14

D. Smith
W. Moore
J. Clark
F. Acuna

Cross Section Thomas St
Kendall to Lamont

Notes Reduced V.W.

W.O. #31096
8-8-49



D. Smith
W. Moore
J. Clark
F. Acuna

X Sec Thomas St.
Kendall to Lamont

0+71 33^{5}' Lt ℄ 3' con walk

0+50

0+46 38^{0} Rt Begin 6' Lath fence

0+30 40^{2}' Rt ℄ 4' con walk

0+00 East Prop Kendall St

0-20 East curb line Kendall St

0-40 ℄ Kendall St.

B.M. 5^{86} ✓ 57^{37} 51^{51} N.W.B.P. Kendall + Grand Ave

WO# 31096
8-9-49

Lt = North ℄ Rt = South

52.28 52.30
5^{09} 5^{07}
40 33^{5}
walk walk

52.9 52.3 51.8 51.2 51.4 52.4
4^{5} 5^{1} 5^{6} 6^{2} 6^{0} 5^{0}
40 20 16 20 40

53.10
4^{27}
40^{2}
walk

53.5 53.5 53.4 52.7 52.5 53.0 54.0
3^{9} 3^{9} 4^{6} 4^{2} 4^{9} 4^{4} 3^{4}
40 20 16 15 20 40

53.1 53.2 52.7 53.3 53.1 53.2 53.8 52.7 53.41
4^{3} 4^{2} 42 4^{1} 4^{3} 4^{2} 3^{58} 4^{2} 3^{96}
90 40 20 20 40 40 90 90
gut End curb broken gut curb

53.0 53.5 53.7 53.6 53.5 53.4 53.1
4^{4} 3^{9} 3^{7} 3^{8} 3^{9} 4^{0} 4^{3}
90 40 20 20 40 90

57^{37}

Cont.

40° Lt ℄ 8' con drive
1+91 39° Rt ℄ 9' con drive

1+72 39° Rt ℄ 3' con walk

1+62 28° Rt ℄ 18" Palm tree

1+58 28½° Lt ℄ 2" tree

1+50

1+40 40° Lt ℄ 8' con drive

1+38 38° Rt ℄ 3' con walk

1+27 38° Rt ℄ 3' con walk

1+25 38° Rt End 18" picket fence

1+14 38° ℄ 3' con walk

1+00 38° Rt Begin 18" picket fence

0+78 38° Rt End 6' Lath Fence

		✓		✓	
TP1	3 12	54 51	5 28	51 39	1+10 Meter box 20' Lt

Lt	℄	Rt
51.12		49.44
3 39		5 07
40		37.5 drive
		49.75
		4 96
		40 drive
		49.79
		4 72
		39 Z
51.0	50.9	50.5
35	36	40
40	20	17
50.0	49.8	50.0
45	42	45
	20	40
51.38		
3 13		
40 L drive		
		50.31
		4 20
		38 L walk
		50.30
		4 21
		40 walk
		50.61
		3 90
		38 Z walk
		50.58
		3 93
		40 walk
		50.54
		3 97
		38 walk
		50.54
		3 97
		40 walk
51.3	51.3	50.8
32	32	37
4	20	16
50.4	50.4	50.6
41	41	39
	20	40

54 51

Cont.

3+00

2+93 27° Rt ℄ 24" palm tree

2+92 22° Rt End Flower planting

2+90 40° Lt ℄ 8' con drive

2+76 40° Rt ℄ 3' walk con.

2+62 22½ Rt Begin Flower planting

2+56 40° Rt ℄ ribbon drive 6' overall (2) 1½' ribbons

2+50

2+46 28° Lt ℄ 1" cedar tree

2+41 39½ Lt ℄ 8' con drive

2+41 40° Rt ℄ Ribbon drive 7' overall (2) 2' ribbons

2+33 27¾ Rt ℄ 36" palm tree

2+26 25¾ Lt ℄ 10" palm tree

2+10 28½ Lt ℄ 8" palm tree

2+03 27½ Rt ℄ 36" palm tree

2+00

Lt	℄	Rt
50.0 49.6 49.0 48.8 48.2 48.1 48.7		
4 5 4 9 5 5 5 7 6 3 6 4 5 8		
40 26 20 18 20 40		
50.21		
4 30		
40 drive		
		49.00
		5 51
		40 walk
		48.94
		5 57
		40 drive
50.4 50.0 49.5 48.9 48.7 49.6		
4 4 4 5 5 0 5 6 5 8 5 5		
40 20 17 20 40		
50.83		
3 68		
39 drive		
		49.05
		5 46
		40 drive
50.9 50.5 49.7 49.3 49.2 49.7		
3 6 5 0 4 8 5 2 5 3 4 8		
40 20 16 20 40		

5 4 51

Cont

4+00 37[5] Rt to fence cont.

3+97 26[3] Lt ℄ 36" palm tree

3+84 40[5] Lt ℄ 3' con walk

TP	3[20]	48[74] ✓	9[67]	44[84] ✓

3+75

3+71 26[0] Lt ℄ 40" palm tree

3+69 27° Rt ℄ 24" palm tree

3+66 40[8] Lt ℄ 6' con drive

3+50

3+44 27[3] Rt ℄ 24" palm tree

3+41 40° Lt ℄ 8' con drive

3+38 37° Rt Begin 2' picket fence

3+21 40° Rt ℄ 3' con walk

3+21 26° Lt ℄ 28" palm tree

3+18 27[4] Rt ℄ 36" palm tree

3+03 40[4] Rt ℄ 6' con drive

48.7 Lt 48.3 46.6 46.2 ℄ 48.1 45.8 Pt 46.1 46.6

1[0] 1[4] 2[1] 2[5] 2[6] 2[9] 2[6] 2[1]

40 27 20 19 19 20 40

48.42

0[32]

40[5]

walk

48.74

48.5 47.6 47.2 47.0 46.9 47.2

6[0] 6[8] 7[3] 7[5] 7[6] 7[3]

40 20 18 20 40

48.75

5[74]

40[8]

drive

48.7 48.5 47.6 47.3 47.8 48.0

5[8] 6[0] 6[9] 7[2] 6[7] 6[5]

40 20 17 20 40

49.67

48[84]

40

drive

48.49

6[02]

40

walk

48.72

5[79]

40[1]

drive

5+51

Cont

$5+20^{07}$ West curb line Lamont

$5+00^{07}$ 38° Lt End 2' picket fence

$5+00^{07}$ 26^{5} Lt ℄ 36" palm tree

$5+00^{07}$ West prop Lamont St

$5+00^{07}$ 26^{5} Rt ℄ 18" palm tree

4+79 40° Rt ℄ 5^{5}' con walk

4+76 38^{7} Rt End 2' picket fence

4+75

4+73 26° Rt ℄ 24" palm tree

4+73 26° Lt ℄ 36" palm tree

4+50

4+48 26° Lt ℄ 36" palm tree

4+48 26^{5} Rt ℄ 36" palm tree

4+34 27° Rt ℄ 10" olicander

4+25

4+21 27° Rt ℄ 24" palm tree

4+21 26° Lt ℄ 36" palm tree

4+18 38° Lt Begin 2' picket fence

Lt ℄ Rt

43.58	42.83	42.59	42.02	41.65	41.31	40.97	40.89	41.41	40.79	41.23
5^{16}	5^{91}	6^{15}	6^{72}	7^{09}	7^{43}	7^{77}	7^{85}	7^{33}	7^{95}	7^{51}
88	88	40	40	20		20	40	40	90	90
curb	gutter	curb	gutter				gutter	curb	gutter	curb

43.4	42.71	42.65	42.59	41.87	41.75	41.70	41.34	41.06	41.63	41.56	41.58	42.3	43.4
5^{3}	6^{03}	6^{09}	6^{15}	6^{87}	6^{99}	7^{04}	7^{40}	7^{68}	7^{11}	7^{18}	7^{16}	6^{4}	5^{3}
40	35	30	20	20	10		10	20	20	30	35	38	40
	walk	walk	curb	gutter				gutter	curb	walk	walk		

4^{54} 44.20
40 walk

45.0	44.8	43.7	42.9		42.4	42.5	43.5	44.3
3^{2}	3^{2}	5^{0}	5^{8}	6^{3}	6^{2}	5^{3}	4^{4}	
40	27	20	18		18	20	40	

45.9	46.0	44.9	44.1	43.6	43.7	44.4	44.9	44.7
2^{8}	2^{7}	3^{8}	4^{6}	5^{1}	5^{0}	4^{3}	3^{8}	4^{0}
40	27	20	18		18	20	24	40

46.8	46.8	45.7	45.1	44.9	44.6	45.3	46.0
1^{9}	1^{2}	3^{0}	3^{6}	3^{9}	4^{2}	3^{4}	2^{7}
40	27	20	19		19	20	40

48^{74}

cont

BM			5 85	51 51	5151 NWBP Grand + Kendall
TP	909	57 36	047	48 27	
	Prop Thomas		40.89 785	41.41 733	
	EC		40.89 785	41.40 734	
	Mid Point		40.90 784	41.21 753	
	BC		41.06 768	41.29 750	
	Prop Lamont		41.06 768	41.63 711	
SW Return 10' Rad.					
54.40 07	℄ Lamont St				

Lt	℄	Rt
Prop Thomas	42.02 672	42.59 615
EC	41.79 695	42.50 624
Mid point	41.79 695	42.52 622
BC	41.81 693	42.58 616
Prop Lamont	41.87 687	42.59 615
N.W. Return 10' Rad.		

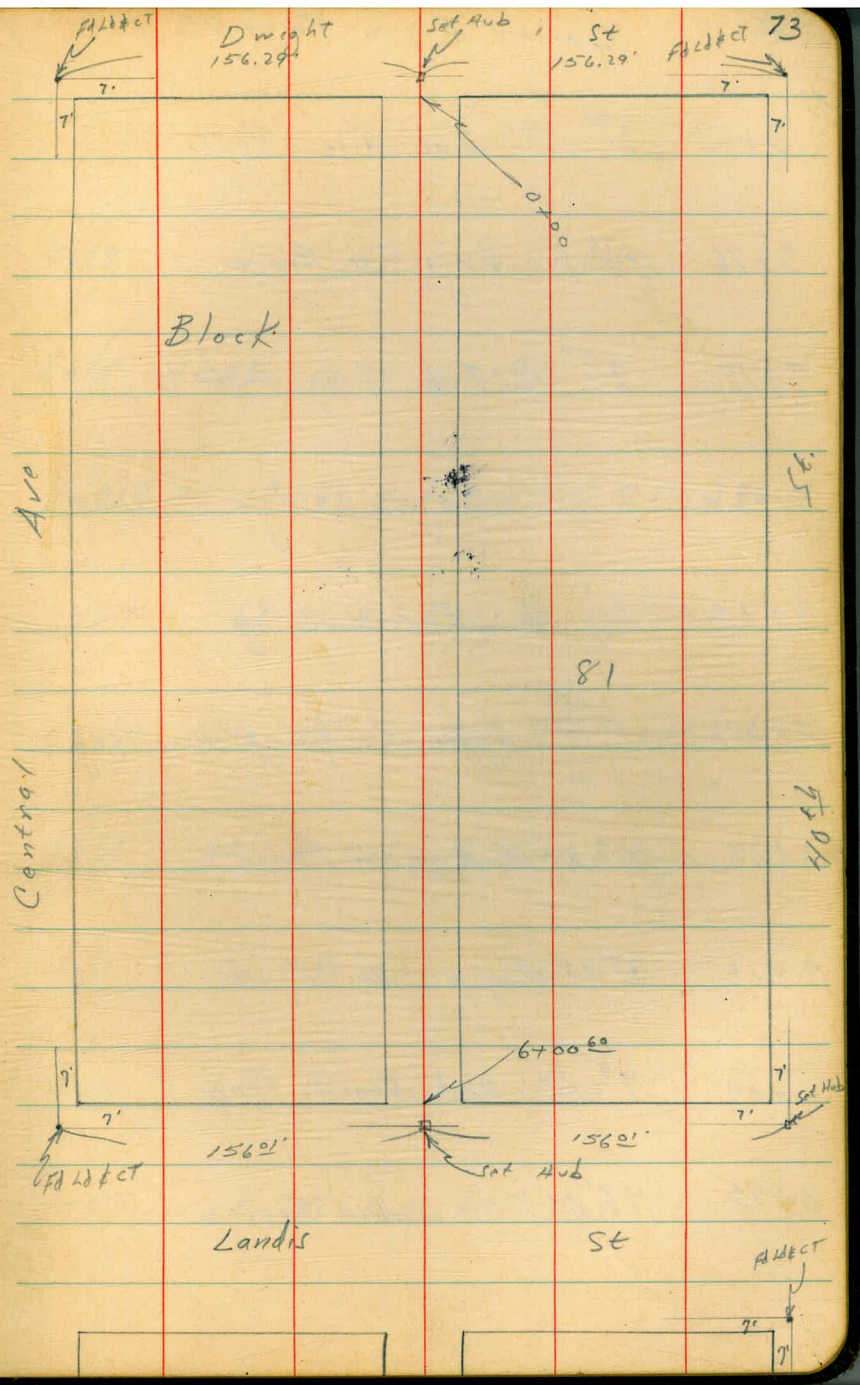
42.96 42.04 41.73 41.44 41.25 41.10 41.04
578 670 701 730 748 764 720
90 40 20 20 40 90

48 74

Roberts
Garber
Moore
Clark
2-27-50
W.O. 20008

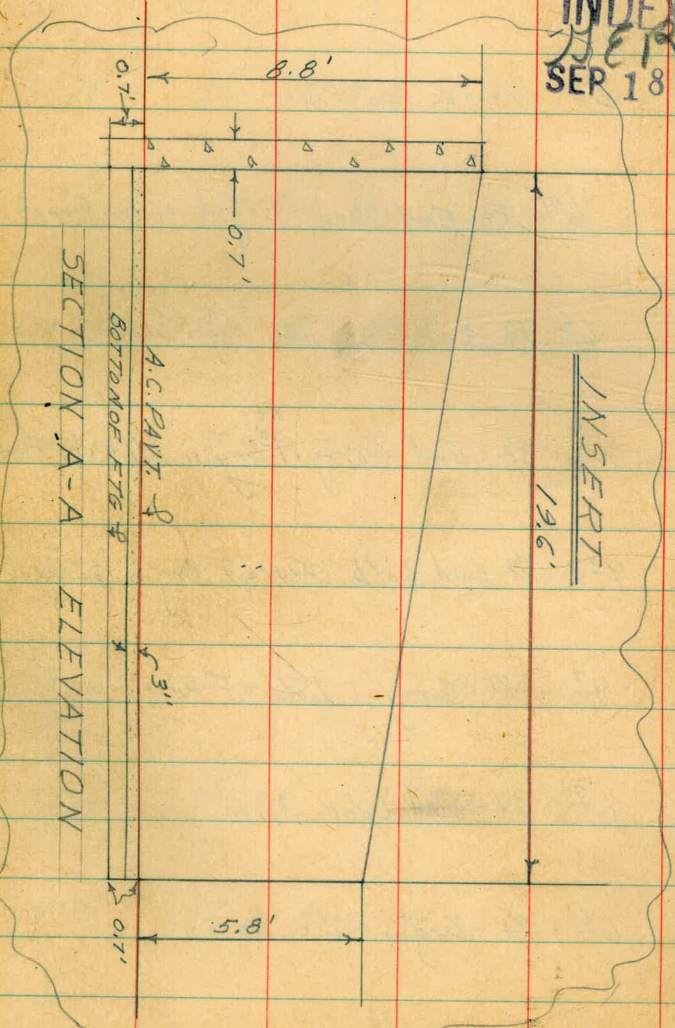
Survey to Check Encroachments
Alley Block 81 City Heights
Landis to Dwight
Between 44th & Central

Map 1007 T.P. 21



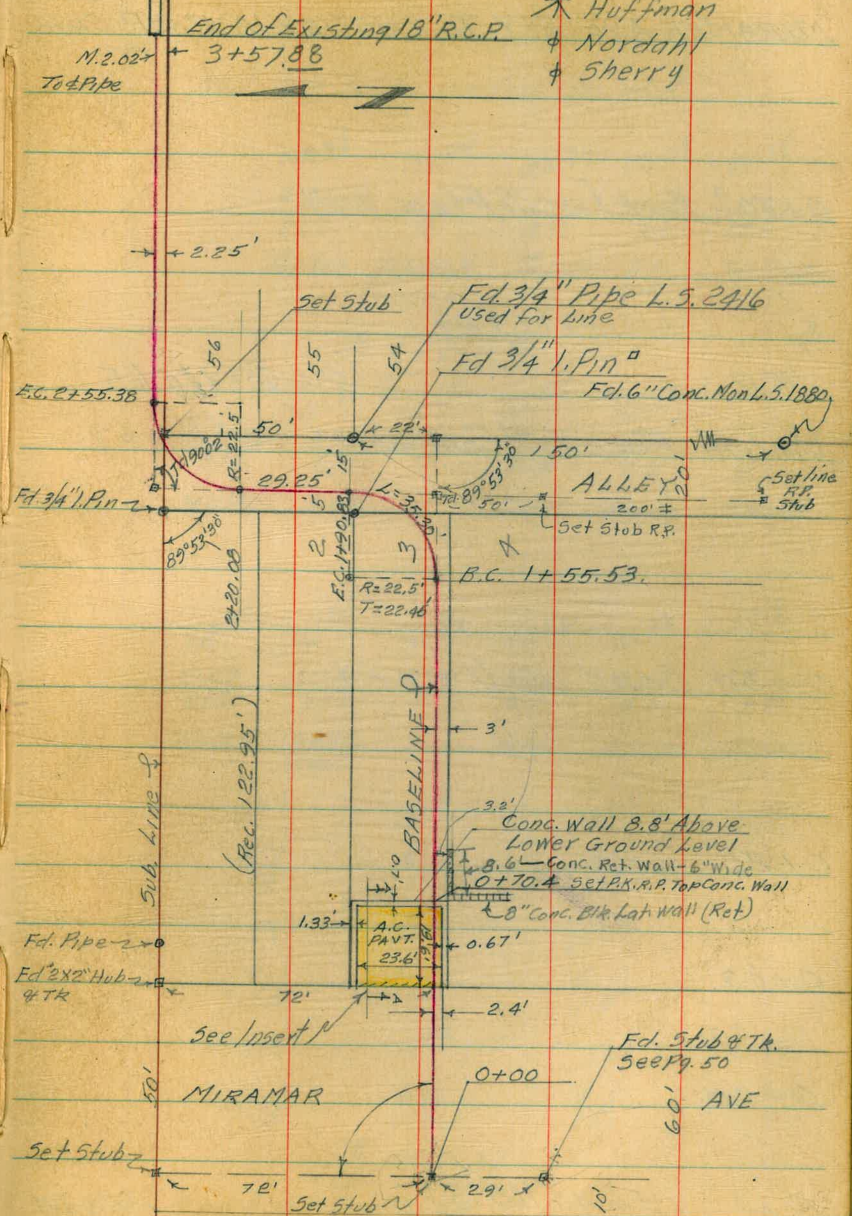
3+87	9.9' Rt End Wire Fence
3+76	9.1' Rt Begin Wire Fence
3+74	9.5' Rt End Garage & Shed
3+26	9.1' Rt Begin Garage & Shed
3+25	7.0' Rt End Dwelling
3+01	6.75' Rt Begin Calif. type Dwelling
2+27	10.0' Lt End Lath Fence
2+12	9.1' Lt Begin Lath Fence
1+00	9.8' Lt End Board Fence
0+75	9.2' Lt Begin Board Fence
5+29	10' Rt Fence Leaves Alley
5+15	5.3' Rt L in Fence
4+91.5	6.9' Rt End Shed Begin Wire Fence
4+79	6.6' Rt End Picket Fence Begin Shed
4+66	9.3' Rt End Garage 9.0' Rt Begin Picket Fence
4+52	9.2' Rt End Lath Fence & Begin Garage
4+11	9.1' Rt Begin Lath Fence
4+10	6.1' Rt End Conc. Apron
4+01	6.6' Rt Begin Conc. Apron

STORM DRAIN SURVEY BLK 5, CENTER ADDITION TO LAJOLLA PARK FROM EXISTING 18" CULVERT AT MAR AVE TO MIRAMAR AVE W.O. 20493



9-16-53

Stamper
Huffman
Nordahl
Sherry



9-17-53

CROSS SECTIONS FOR PROPOSED DRAIN FROM MIRAMAR AVE ELY TO EXISTING 18" R.C.P. (See Sketch)

	Lt.	℄	Rt.
0+70± Backface Top Conc. Wall			
+12.44 177.09			
T.P. - 0.66 164.65			
0+69± Face 0.7' Conc Wall (See Sketch)			
0+50 Conc. Wall on Rt.			
0+25			
0+03			
0+00			
B.M. +6.44 165.31 158.87			

NOTE: Rods Shown Thus (-0.0) are Plus Rods and are to be added To H.I.

	170.23	170.44	170.39	171.27	171.19
	6.86	6.65	6.70	5.82	5.90
	21 ±	0	24	31	131
	Top Wall	Top Wall (Flush)	Top Wall	Top Gar.	Top Garage
	↑ 177.09				
170.45	161.65	161.55	161.64	162.31	10'
(-5.14)	3.66	3.76	3.67	3.00	(-5.13)
21 ±	21 ±	0	24	24	24
Top Wall	Top A.C.		Top A.C.	Bot Flg	Top Wall
165.24	161.94	161.56	161.57	162.22	167.3
0.07	3.37	3.75	3.79	3.09	(-2.0)
21 ±	21 ±	0	24	24	24
Top Wall	Top A.C. @ wall		Top A.C.	Bot Flg	Top Wall
	160.0	160.0		160.0	
	5.3	5.3		5.3	
	15	0		15	
	159.2	159.6		159.4	
	6.1	5.7		5.9	
	15	0		15	
	158.8	158.8		158.8	
	6.5	6.56		6.5	
	15	00 Stub		15	
	↑ 165.31				

Top Stub 3+49.98 See Pg. 54

+12.31 189.19

TP. -021 176.88

1+00

0+97 Begin 8" Conc Block on Rt.

0+79 ± End Conc & Rock Ret. Wall on Rt.

0+75

0+71 Begin Conc & Rock Ret Wall 2' Rt.

0+70 ± Lat. Conc Blk Wall

177.09

176.9 176.7 177.1

0.2 0.4 0.0

15 0 8 ± Ground @ Blk

Ground

176.0 175.28 180.69

1:1 1.80 (-3.60)

8 8 8

Ground @ Wall Bot Ftg Top Wall

173.1 173.1 173.99 173.9

4.0 4.0 3.10 3.2

3 ± 3 ± 3 ± 3 ±

Ground Bot Ftg Top Wall Ground @ Conc Blk Bldg

171.9 171.7 172.3 173.75 173.8

5.2 5.4 4.8 3.34 3.3

15 0 3 ± 3 ± 13 ±

Ground Top Wall (Flush on Bk.) Ground

170.8 170.8 173.55

6.3 6.3 3.54

3 ± 3 ± 3 ±

Ground Bot Ftg Top Wall

170.7 170.7 162.33 175.16 174.15

6.4 6.4 14.78 2.93 2.94

0 3 ± 3 ± 3 ± 13 ±

Ground Bot Ftg Top Wall Top Wall

177.09

TP. +12.21 212.74 -0.81 200.53

~~1+90.83 E.C.~~

1+73.18 P.O.C.

1+55.^{53} B.C. Lt. Top Sec.

1+47 Toe Sec on Rt.

+12.45 201.40

TP. -0.24 188.95

1+25

1+23 End 5' High Board Fence on Rt 8'

1+13 End 8" Conc Ret Wall 8' Rt.

Lt.	℄		Rt.		
	~~0.81~~ ~~0~~ on Stub				
195.6	200.4	201.8	204.8		
5.8 / 15	1.0 / 0	(-0.4) / 8	(-3.4) / 15		
194.1	194.81		195.2		
7.3 / 15	6.59 / 0 on Stub		6.2 / 15		
190.7	191.6	191.3	187.2	186.6	187.2
10.7 / 15	9.8 / 0	10.1 / 2	14.2 / 6	14.8 / 11	14.2 / 15

⊼ 201.40

Lt.	℄		Rt.		
183.7	183.3	181.2	181.1		
5.5 / 15	5.9 / 0	8.0 / 8	8.1 / 15		
		180.3		180.66	
	0	8.9 / 8º Ground	8º ftg	8.53 / 8º Top wall	

⊼ 189.19

						Lt.	℄	Rt.
T.P.	+12.80	237.69	−0.08	224.89				
3+00						219.4 5.6 15	220.9 4.1 0	221.2 3.8 15
T.P.	+12.82	224.97	−0.59	212.15			⊼ 224.97	
2+75						200.4 2.3 15	211.7 1.0 0	212.1 0.6 15
2+55.38 E.C.						203.7 9.0 15	203.9 8.8 0	204.6 8.1 15
2+37.73 P.O.C.						194.3 18.4 15	198.3 14.4 0	203.7 9.0 15
2+20.08 B.C. Rt.					193.4 19.3 15	196.5 16.2 5 @Wire fence	198.2 14.5 0	203.6 9.1 15
1+90.83 E.C. Woven Wire					195.7 17.0 13	199.3 13.4 3	200.5 12.2 0	205.9 6.8 15
							⊼ 212.74	
T.B.M.		212.74	−6.82	195.92	Side Shot Top 3/4" Pipe L.S. 2416 E. Side Alley See Pg 76			

	Lt.	℄	Rt.	
B.M.			-0.45 261.73	261.55
	+12.34	262.18		
TP.			-0.36	249.84

See

241.5 239.20 241.0

3+57.88 8.7 11.00 9.2
5 0 5
F.L.

237.7 238.0 235.9 238.2 238.2

3+50 12.5 12.2 14.3 12.0 12.0
10 6 0 6 10

250.20

TP.	+12.88	250.20	-0.37	237.32	

232.0 226.7 231.8 232.5

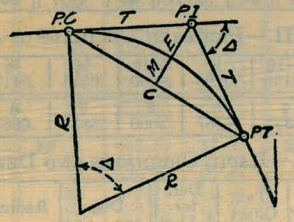
3+33 5.7 11.0 5.9 5.2 Pt. Where Water goes
6 3 3 0 Underground 3' Lt.

228.1 229.9 230.7

3+25 9.6 7.8 7.0
15 0 15

237.69

DIETZGEN'S RAILROAD CURVE AND REDUCTION TABLES



CURVE FORMULAS

Radius=R=$\frac{50}{\text{sin. } D/2}$ (1) Degree of Curve=D and sin. $\frac{D}{2}=\frac{50}{R}$ (2)

Tangent=T=Rtan$\frac{\Delta}{2}$ (3) Length of Curve=L=100$\frac{\Delta}{D}$ (4)

Middle ordinate=M=R(1—cos. $\frac{\Delta}{2}$) (5)=Rvers $\frac{\Delta}{2}$ (6)

External=E=Ttan$\frac{\Delta}{4}$ (7)=R÷cos.$\frac{\Delta}{2}$—R(8)=Rexsec$\frac{\Delta}{2}$(9)

Long Chord=C=2 R sin.$\frac{\Delta}{2}$ (10) △=Central Angle

EXPLANATION AND USE OF TABLES

Stations.—Given P. I.=Sta. 161+60.35 to find Sta. of P. C. and P. T. △=62° 10′ D=8° 20′. From Table IV for 1° curve T=3454.1 and ÷8⅓=414.49 ft. From Table V correction=.36 or T=414.85 ft. P. C.=Sta. P.I.—T=157 +45.50. Also from (4) L=746.00 and P. T.=Sta. P. C.+L=164+91.50.

Offsets.—Tangent offsets vary (approximately) directly with D and with square of the distance. Thus tangent offset for Sta. 158 on above curve is 2.16 ft. found as follows. From Table III tangent offset for 100 ft.=7.27 ft. Distance=158—Sta. P. C.=54.50, hence offset=7.27 (54.50÷100)²=2.16 ft. Also square of any distance divided by twice the radius equals (approximately) the distance from tangent to curve. Thus (54.50)²÷(2 x 688.26)=2.16 ft.

Deflections.—Deflection angle=½ D for 100 ft., ¼ D for 50 ft., etc. For c ft.=(in minutes) .3 x C x D° or=defl. for 1 ft. from Table III x C. For Sta. 158 of above curve=.3 x 54.5 x 8⅓=136.2′ or 2° 16.2′, or=2.50 x 54.5=136.2′ from Table III. For Sta. 159 deflection angle=2° 16.2′ +8° 20′ ÷2=6° 26.2′, etc.

Externals.—May be found in similar manner to tangents. Thus E for curve above is 115.37. For from Table IV for 1° curve E=960.6 for 8° 20′=960.6÷8⅓=115.27 and from Table V correction=.10 or E=115.37 ft. Or suppose △=32° and E is measured and found to be 42 ft. What is D? From Table IV E=230.9 and ÷42=5.5 or D=5° 30′.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9+(20—16)÷2 or 2 ft. added to 41.9 =43 9. For slopes of 1 on 1 see inside of front cover.

MADE IN U.S.A.