78E

LEVEL BOOK

No. 410

F.B.578

MICROFILMED
DEC 14 1964

UP-TO-DATE OFFICE APPLIANCES
FROM
Loring's
TRADE MARK
OFFICE SUPPLY DEPT.

ENGIN[illegible] [illegible]ARTMENT,
CITY OF EA[illegible] [illegible]AN DIEGO,
CALIFORNIA.

ENGINEERING DEPARTMENT,
CITY OF EAST SAN DIEGO,
CALIFORNIA.

Indexed to date Feb. 5, 1918.

Card " " Mar. 21, 1918.
" " " Aug 20, 1918.

1 Book 78

Index

	Page
Sections Mentone-Castle to Howard	1 ✓
" Menlo-Castle to Howard	2 ✓
" Castle-Chamoune-Euclid	3 ✓
" Sierra-Castle to Howard	5 ✓
" Rosetown " to Euclid	6 ✓
" Euclid " to Howard	7 ✓
" Howard 135 E Chamoune-Euclid	8 ✓
Profile Sierra-Howard-Check	11 ✓
" Menlo " "	13 ✓
" Mentone " "	14 ✓
Sidewalk Grade front of Lot 2, B/K.B. Belle Crest	16 ✓
X Sec of Lots 43-48-Block 51 City Heights	17
X Sec of Alley Wilson-Storey N.P.L. Univ- to S.P.L. Orange	19-21
X Sec of Alley Wilson-Pacific S.P.L. of Univ- -to N.P.L. Klauber	22-23

X Section Mentone
Castle to Howard

Sta	+	HI	−	Elev	
B.M. New				342.91	Book 56 Page 13
B.M. S.L. Castle	7.18	350.09	1.12	348.97	
0+00					
0+50					
1					
+50					
2					
+50			8.91	341.18	T.P.
3+00	1.45	342.63			
+50					
4					
+50					
5					
+50					
6					
N.L. Howard					T.P. on Hub Howard NE Mentone
			9.58	333.05	
New B.M.	1.94	340.99	3.54	337.45	

AS-Hyatt-Graf
Nov 12-1915

1

50' Wide

Notes, Reduced, W.J.L. Nov. 23, 15

West — East

+25' W.P.L. — ℄ — +25' E.P.L. ✓

3/4" Iron Pipe 7.5 N + 7.15 W of NW Castle & Chamonie

1" Iron Pipe 9.4' S + 2.7' W of SW Merlo & Castle

58	+18	+15	+8	5.3	+8	+15	+19	4.5
344.3	58	6.8	5.7		5.3	5.3	4.8	345.6
	344.3	343.8	344.4	342.8	344.8	344.8	344.3	
6.2	+18	+16	+7	5.7	+8	+16	+18	5.1
	6.1	6.7	5.9		6.0	6.2	5.6	
343.9	344.0	343.4	344.2	344.4	344.1	343.9	344.5	345.0
6.8	+17	+14	+7	6.4	+7	+16	+18	6.1
	6.8	7.3	6.9		6.8	7.0	6.5	
343.3	343.3	342.8	343	343.7	343.3	343.1	343.6	344.0
7.3	+18	+14	+6	7.0	+6	+15	+18	6.8
	7.4	7.9	7.3		7.1	7.6	7.0	
342.8	342.7	342.2	342.8	343.1	343.0	342.5	343.1	343.3
7.9	+18	+15	+7	7.4	+7	+16	+18	7.5
	8.0	8.7	7.8		7.7	8.0	7.5	
342.2	342.1	341.4	342.3	342.7	342.4	342.1	342.6	342.6
8.5	+18	+15	+7	8.5	+8	+15	+19	8.2
	8.7	9.3	8.9		8.7	8.9	8.3	
341.6	341.4	340.8	341.2	341.6	341.4	341.8	341.8	341.9
2.0	+18	+15	+8	1.7	+8	+16	+18	1.6
	2.1	2.6	2.1		2.0	2.3	1.7	
340.6	340.5	340.0	340.5	340.9	340.6	340.3	340.9	341.0
2.8	+18	+16	+8	2.5	+7	+15	+18	2.3
	2.8	3.4	2.8		2.5	3.1	2.3	
339.8	339.8	339.2	339.8	340.1	340.1	339.5	340.3	340.3
4.3	+18	+15	+8	3.5	+10	+15	+19	3.1
	4.2	4.7	4.0		3.7	4.2	3.2	
338.3	338.4	337.9	338.6	339.1	338.9	338.4	339.4	339.5
4.8	+18	+16	+7	4.8	+8	+15	+17	4.2
	5.2	6.0	5.4		4.9	5.3	4.6	
337.8	337.4	336.6	337.2	337.8	337.7	337.3	338.0	338.4
6.8	+18	+16	+8	6.0	+6	+13	+16	5.1
	6.7	7.2	6.7		6.1	6.4	5.5	
335.8	335.9	335.4	336.7	336.6	336.5	336.2	337.1	337.5
8.0	+18	+17	+8	7.0	+6	+13	+16	6.7
	7.7	8.5	7.6		7.2	7.7	7.1	
334.6	334.9	334.1	335.0	335.6	335.4	334.9	335.5	335.9
10.2	+19	+15	+8	9.2	+7	+14	+17	8.3
	10.0	10.5	9.8		9.2	9.2	8.6	
332.4	332.6	332.1	332.8	333.4	332.4	333.4	334.0	334.3
11.5	+20	+19	+9	10.4	+8	+18		9.6
	11.3	11.5	10.8		10.2	10.0		333.0
331.1	331.3	331.1	331.8	332.2	332.4	332.6		

1" Iron Pipe 2' NW of NW Howard & Merlo

X Sections Menlo
Castle to Howard

Sta	+	HI	-	Elev	
B.M.				348.97	
S.L. Castle					
0+00	1.78	350.75			
0+50					
1					
+50					
2					
+50					
3					
+50			9.21	341.54	T.P.
4	3.19	344.73			
+50					
5					
+50					
6					
North Line Howard			6.70	338.03	T.P.
B.M.	6.38	344.41	6.94	337.47	S.B. 337.45
B.M.	1.91	339.36	10.97	328.39	328.41

Ad-Mart Co of No 12-1915

2

50' Wide — Notes Rod. H.J.L. Nov 22 '15

West — ℄ — East

+25' W.P.L.									+25' E.P.L.
	1" Pipe 9.4' S + 2.7' West SW Menlo + Castle								
2.2	+13	+14	+7		+6	+14	+17		
348.6	2.2	2.8	2.8	2.9	3.2	3.7	3.3	3.7	
	348.5	3479	3479	3478	3475	3470	3474	347.0	
2.3	+17	+15	+8		+7	+16	+18		
	2.3	2.8	2.7	2.3	2.5	3.0	2.6	2.7	
348.4	3484	3479	3480	3484	3482	3477	3481	3480	
3.2	+18	+13	+7		+8	+15	+17		
	3.2	3.7	3.2	2.6	2.5	3.0	2.4	2.6	
347.5	347.5	347.0	3475	3481	3482	3477	348.3	348.1	
4.2	+18	+16	+7		+7	+15	+18		
	4.1	4.7	4.1	3.7	3.9	4.0	3.3	3.4	
346.5	346.6	346.0	3466	347.0	3468	347.7	347.4	347.3	
5.1	+18	+15	+7		+9	+16	+18		
	5.3	5.5	5.3	4.7	4.9	5.7	4.4	4.3	
3456	3464	3458	3454	347.0	3458	3456	346.3	346.4	
6.3	+18	+15	+7		+7	+16	+18		
	6.3	7.0	6.2	5.7	5.8	6.0	5.3	5.2	
344.4	344.4	3437	3445	3450	3449	3447	345.4	345.5	
7.2	+18	+15	+8		+7	+15	+19		
	7.1	8.0	7.3	6.9	7.1	7.5	6.6	6.7	
343.5	343.6	342.7	3434	343.8	343.6	342.2	344.1	344.3	
8.6	+18	+14	+7		+6	+13	+19		
	8.6	9.3	8.9	8.2	8.5	8.9	7.4	7.2	
3421	342.1	341.4	341.8	342.5	341.2	341.8	343.3	343.5	
3.0	+18	+17	+8		+6	+13	+17		
	3.1	3.9	3.4	3.0	3.4	3.7	2.7	2.4	
341.7	341.6	340.8	341.3	341.7	341.3	341.0	342.0	342.3	
4.0	+18	+15	+8		+8	+17	+18		
	4.2	4.8	4.5	4.0	4.1	4.3	3.7	3.5	
340.7	340.5	339.9	340.2	340.7	340.6	340.4	341.0	340.8	
4.7	+18	+16	+8		+7	+16	+17		
	4.6	5.2	4.9	4.5	4.7	5.1	4.5	4.2	
340.0	340.1	339.5	339.8	340.2	340.0	339.6	340.2	340.5	
5.4	+17	+15	+7		+8	+16	+18		
	5.2	5.8	5.6	5.4	5.4	5.8	5.2	5.1	
339.3	339.5	338.9	339.1	339.3	339.3	338.9	338.5	339.6	
6.2	+13	+7			+8	+14	+13		
	6.4	6.1		6.0	6.1	6.6	5.5	5.2	
338.5	338.3	338.6		338.7	338.6	338.1	338.2	339.5	
6.9		+12			+7	+16	+18		
		7.0		6.7	6.9	7.1	6.5	6.2	
337.8		[illegible]		338.7	[illegible]	[illegible]	[illegible]	338.5	

Pipe 2' N W of NW Menlo + Howard.

Pipe NW Chamoune + Howard.

Nov 15 1913
4d-Nyatt Graf
3

X Sections Castle Chamounne to Euclid
0+00 EL Chamounne
Stationed to East

63.65 Wide at EL. Chamounne
63.70 " " WL. Euclid

Notes Reduced
W.J.L.
Nov. 23

North — South

sta	+	HI	−	Elev		N.PL.							S.PL
BM				342.91		Pipe NW Castle + Chamounne							
EL. Chamounne 0+00	9.03	351.94			Old Ground for Profile	9.7							11.1
						342.2							340.8
0+50					"	10.0							10.2 −
						341.9							341.7
1+00					"	9.0							9.8
						342.9							342.1
End Cham Dist 1+35						8.2		+22 8.6	+12 8.7	8.7	+10 8.8	+20 9.6	+24 9.1	9.0
						343.7		343.3	343.2	343.2	343.1	342.3	342.8	342.9
1+50						8.0		+20 8.0	+8 8.5	8.6	+12 9.0	+21 9.5	+24 8.8	8.9
						343.9		343.9	343.4	343.3	342.9	342.4	343.1	343.0
WL Mentone South 2+09.8						6.2		+22 6.2	+13 6.6	7.2	+12 7.8	+22 8.2	+23 7.6	7.6
						345.7		345.7	345.3	344.7	344.1	343.7	344.3	344.3
EL Mentone South 2+59.8						5.3		+14 5.5		5.8	+12 6.6	+22 6.9	+23 6.3	6.3
						346.6		346.4		346.1	345.3	345.0	345.6	345.6
WL Mentone North 2+70						4.5								
						347.4								
3.						4.3			+17 4.6	4.7	+12 5.3	+22 6.0	+24 5.2	5.4
						347.6			347.3	347.2	346.6	345.9	346.7	346.5
EL Mentone North 3+30						3.1								
						348.8								
3+50						3.4		+15 3.5		3.8	+12 4.4	+21 4.9	+22 4.4	4.4
						348.5		348.4		348.1	347.5	347.0	346.5	347.5
4						2.8			+16 3.0	2.8	+12 3.4	+23 3.9	+24 3.4	3.5
						349.1			348.9	349.1	348.5	348.0	348.5	348.4
WL Menlo South +59.8						4.9		+15 4.3		3.8	+12 3.9	+21 3.9	+23 3.4	3.3
						347.0		347.6		348.1	348.0	348.0	348.5	348.6
E.L. Menlo South 5+09.8						7.1			+18 6.3	5.8	+12 6.1	+21 6.1	+23 5.4	4.9
						344.8			345.6	346.1	345.8	345.8	346.5	347.0
BM			2.98	348.96	S.B. 348.97	Pipe S.W. Menlo + Castle								
5+50	0.13	349.10				5.6			+14 5.9	5.1	+10 5.3	+21 5.1	+23 4.4	3.7
						343.5			343.2	346.8	343.8	344.0	344.7	345.4
WL. Menlo North 6+00						10.0		+17 9.0		8.9	+11 8.9	+21 8.7	+23 7.7	7.1
						339.1		340.1		340.2	40.2	340.4	341.4	342.0
6+50						12.3			+14 12.2	11.6	+12 11.7	+22 12.1	+23 11.3	11.3
						336.8			336.9	337.5	337.4	337.0	337.8	337.8

Continued XSections Castle Chamonne to W.L. Euclid -

Stn	+	HI	-	Elev
E.L. Menlo North				
6+60		349.10		
W.L. Sierra South				
7+09.8				
E.L. Sierra South				
7+59.8				
8				
+50				
9				
W.L. Sierra North				
+30				
℄ Sierra North				
+60				
E.L. Sierra North				
+90				
W.L. Roseland South				
10+09.8				
New B.M.				
B.M.			9.09	340.01
E.L. Roseland South				
10+59.8	7.05	347.06		
11				
+50				
11+30				
12				
W.L. Euclid				
+598				
Check				
9+30 North			5.5	341.6 ✓

No 015-1915
Aug-Nov-Dec-Graf.

Street 63.65' Wide at E.L. Chamonne 4
63.70' " " W.L. Euclid

4

Notes Reduced
W.L. Nov 23

North ℄ South

N.P.L. S.P.L. ✓

12.5

336.6
12.4 +16 13.0 13.0 +13 13.4 +23 13.7 +26 13.2 335.9

336.7
11.2 336.1 +16 11.4 336.1 11.8 335.7 +10 12.5 335.4 +22 13.1 335.9 +24 12.7 12.7 336.4

337.9
9.5 +20 10.5 337.7 +9 10.6 337.3 11.2 336.6 +12 12.0 336.0 +21 12.5 336.4 +24 11.6 +28 11.2 10.7 338.4

339.6
8.8 338.6 338.5 +16 9.4 337.9 9.8 337.1 +11 10.6 336.6 +22 11.5 337.5 +24 10.8 337.9 10.6

340.3
8.3 +16 9.0 339.7 339.3 9.0 338.5 +11 9.9 337.6 +22 10.6 338.5 +24 9.7 338.5 9.8

340.8
8.7 340.1 340.1 9.0 339.2 +18 9.1 338.5 +12 9.6 339.4 +22 10.2 +23 9.4 339.3 9.5

340.4
8.4 +16 8.8 340.0 340.1 8.9 339.5 +12 9.6 338.9 +21 10.2 339.7 +23 9.5 339.6 9.4

340.7
7.5 340.3 340.3 8.8 339.5 +15 7.8 339.0 +12 9.4 339.6 +21 9.7 339.7 +23 9.3 9.3

341.6
6.8 +20 7.2 339.3 +13 7.3 340.3 8.3 339.7 +12 9.2 339.4 +21 9.4 339.8 +24 9.0 339.8 8.7

342.3 340.8 340.4

Pipe 9.5' S +5.0' W of SW Roseland & Castle

3.9 +16 4.7 5.2 +7 5.2 +20 6.0 6.0

343.8
5.0 +16 5.3 342.2 341.9 5.0 341.9 +16 5.0 341.1 341.1 5.1

342.1
4.0 343.5 +23 4.1 +15 4.4 342.1 5.0 342.1 +18 4.7 342.0 5.2

343.1
3.3 343.0 343.7 343.1 342.4 341.9

343.8
3.5 +17 3.6 4.1 +15 4.1 4.4

343.6
2.6 343.5 +16 2.7 343.0 3.0 343.0 +15 2.8 339.7 3.1

344.5 344.4 344.1 344.3 344.0

X Sections Sierra
Castle to Howard

Sta	+	Hi	−	Elev	
BM				34001	
SL Castle					
0+00	4.88	344.89			
0+50					
1					
+50					
2					
+50					
3					
+50					
4					
+50					
5					
+50					
6					
19.2' N of NL Howard	Top Ryans Walk to House				
N.L. Howard					
16+27 36					
New					
B.M.			3.85	341.04?	been pulled up
BM	2.48	343.52	6.07	337.45	OK

50' Wide

West —×— East

W.P.L ℄ E.P.L

Pipe S.W. Peselawn & Castle

9.1 +18 +16 +7 8.9 +9 +16 +18 8.5
335.8 9.1 9.4 9.3 8.9 8.9 8.9 8.7 336.4

335.8 335.5 335.6 336.0 336.0 336.0 336.2
9.7 +17 +8 9.4 +8 +16 8.9
9.7 9.5 9.4 9.4

335.2 335.2 335.4 335.5 335.5 335.5 336.0
10.2 +10 9.8 +8 +16 +19 9.7
10.1 9.8 10.1 9.7

334.7 334.8 335.1 335.1 334.8 335.2 335.2
9.6 +17 +9 9.5 +8 +16 9.9
9.7 9.7 10.0 10.2

335.3 335.2 335.2 335.4 334.9 334.7 335.0
+2.8 8.0 +18 +16 +8 8.5 +6 +14 +18 9.2 +37 +49 +67
6.1 8.4 8.8 8.7 8.8 9.2 9.0 15.4 18.2 13.4

338.8 336.9 336.5 336.6 336.2 336.4 336.1 335.7 335.9 335.7
+2.8 5.9 +18 +17 +9 6.9 +9 +15 +18 7.7 +45
2.6 6.8 7.3 6.8 7.4 8.0 7.6 9.7

342.3 339.0 338.1 337.6 338.1 338.0 337.5 336.9 337.3 337.2 335.2
+27 27 +23 +17 +15 +9 5.2 +9 +17 +19 5.2 +42
1.5 3.8 4.2 4.7 4.3 4.6 5.2 4.8 7.2

343.4 342.2 341.1 340.7 340.2 340.6 339.7 340.3 339.7 340.1 339.7 337.7
+27 2.3 +18 +17 +9 2.9 +10 +17 3.2
1.4 2.7 3.1 2.9 3.0 3.3

343.5 342.6 342.2 341.8 342.0 342.0 341.9 341.6 341.7
2.8 +18 +16 +9 2.8 +9 +17 2.9
2.9 3.2 3.2 2.9 3.1

342.1 342.0 341.7 341.7 342.1 342.0 341.8 342.0
3.2 +18 +16 +9 3.5 +7 +15 +18 3.3
3.3 3.7 3.5 3.6 3.9 3.6

341.7 341.6 341.2 341.4 341.4 341.3 341.0 341.3 341.6
3.2 +18 +15 +8 3.7 +7 +15 +18 +23 3.4
3.4 3.8 3.6 3.8 4.2 3.9 3.8

341.7 341.5 341.1 341.3 341.2 341.1 340.7 341.0 341.1 341.5
3.6 +18 +15 +11 3.6 +9 +16 +17 +23 3.3
3.6 4.1 3.7 3.7 4.2 4.0 3.7

341.3 341.3 340.8 341.2 341.3 341.2 340.7 340.9 341.2 341.6
4.0 +19 +17 +10 3.6 +9 +16 +18 3.6
4.0 4.4 3.7 3.7 4.2 3.8

340.9 340.9 340.5 341.2 341.3 341.2 340.7 341.1 341.3
3.98

340.91
4.4 +16 +8 4.1 +9 +16 +17 3.9
4.5 4.2 4.0 4.1 3.9

340.5 340.6 340.7 340.8 340.9 340.8 341.0 341.0

Pipe 2' NE of NE Sierra & Howard

" NW of Menlo & Howard

Stationing on ℄ - St. Castle = 0+00 X sections Roselawn

Castle south 415' Curve to East 89°58' R 60' East 165' to W.L. Euclid

Sta	+	HI	-	Elev
BM				340.01
St. Castle 0+00	3.12	343.13		
0+50				
1				
+50				
2				
+50				
3				
+50				
4				
P.C. Δ 89°58' R 60' ℄ +15				
℄ stationing +61.62				
P.T. 5+08.24				
5+50				
6				
6+50				
W.L. Euclid 6+73.24				
New B.M.			7.32	335.81

Ford Hyde + Gray
Nov 18-1915
6

Notes Roselawn
W.L.
Nov. 24, 15

6

50' Wide

West or South — ✕ — East or North

+25' P.L. ℄ +25' P.L.

Pipe SW Castle & Roselawn

2.7	+17	+15	+8	3.0	+12	+16	+20		2.1
340.4	2.7	3.4	3.3		2.7	2.9	2.3		341.0
3.5	340.4	339.7	339.8	340.1	340.4	340.3	340.8		3.4
	+18	+15	+9	4.0	+8	+17	+18		
	38	4.4	4.4		4.2	4.3	3.7		
339.6	339.3	338.7	338.7	339.1	338.9	339.8	339.4		339.7
4.7	+20	+17	+8	4.9	+9	+19	+19		4.1
	4.7	50	5.0		4.9	5.0	4.3		
338.4	338.4	338.1	338.1	338.2	338.2	338.1	338.8		339.0
5.8		+18	+17	+10	5.8		+8		4.7
		5.7	6.2	6.0			5.7		
337.3	337.4	337.9	337.1	337.3	337.4	337.4	337.4		338.4
7.4	+19	+15	+9	7.1	+9	+16	+18		5.5
	6.7	7.3	7.2		6.9	6.7	5.9		
335.7	336.4	335.8	335.9	336.0	336.2	336.4	337.2		337.6
8.0	+23	+18	+16	+10	7.8	+8	+16	+18	6.7
	7.6	7.8	8.2	7.9		7.8	7.7	7.2	
335.1	335.5	335.3	334.9	335.2	335.3	335.3	335.4	335.9	336.4
8.9	+23	+19	+16	+8	8.2	+9	+13	+18	7.2
	8.5	8.6	8.9	8.5		8.1	8.2	7.7	
334.2	334.6	334.5	334.2	334.6	334.9	335.0	334.9	335.4	335.9
8.6	+21	+18	+16	+9	8.3	+7	+13	+19	7.8
	8.3	8.4	9.0	8.7		8.4	8.6	8.0	
334.5	334.8	334.7	334.1	334.4	334.8	334.7	334.5	335.1	335.3
9.3	+18	+15	+7	9.4	+10	+16	+18		7.8
	9.3	9.9	9.7		9.1	9.1	8.1		
333.8	333.8	333.2	333.4	333.7	334.0	334.0	335.0		335.3
9.6		+17	+15	+9	9.8	+7	+15	+18	8.3
		9.7	10.3	9.9		9.7	9.7	8.6	
333.5		333.4	333.8	333.2	333.3	333.4	333.4	334.5	334.8
+70 14.5	10.8	+17	+16	+11	10.2	+9	+16	+20	9.3
		10.8	11.2	10.6		10.0	10.1	9.5	
333.6	333.3	333.3	331.9	332.5	332.9	333.1	333.0	333.6	333.8
10.1			+19	+16	+8	9.8	+7	+13	+19	+20	8.7
			10.0	10.5	10.1		9.6	9.4	9.8	8.9	
333.0		333.1	332.6	333.0	333.3	333.5	333.7	333.3	334.2		334.4
9.1		+21	+17	+16	+8	8.8	+9	+17	+20		7.9
		8.7	8.9	9.5	9.2		8.9	8.8	8.1		
334.0		334.4	334.2	333.6	333.9	334.3	334.3	334.3	335.0		335.2
7.6			+17	+16	+10	8.0		+8	+17	+18	7.7
			7.8	8.3	8.2			8.3	8.7	7.9	
335.5			335.3	334.8	334.9	335.1		334.8	334.4	335.2	335.4
7.4			+18	+17	+9	7.3		+9	+17	+19	6.9
			7.5	8.0	7.7			7.6	8.0	7.0	
335.7			335.6	335.1	335.4	335.8	335.5	335.1	336.1		336.2
7.2				+18	+15	+9	6.8	+8	+16	+18	6.3
				7.0	7.6	7.2		7.0	7.0	6.5	
335.9			336.1	335.5	335.9	336.3	336.1	336.1	336.6	336.8	

Pipe 2' SW of SW Euclid & Roselawn

XSectionis Euclid Ave
S.L. Castle = 0+00 south to N.L.
Howard = 6+28.6

Sta	+	H I	−	Elev.	
B.M.				340.01	
S.L. Castle 0+00	5.88	345.89			
NE Euclid 0+27.35					
0+50					
1					
+50					
2					
+50					
3					
+50					
4					
N.L. Roselawn +50					
S.L. Roselawn West 5					
+50			10.07	335.82	B.M. S.W. Euclid & Roselawn S.B. 335.81
6	4.80	340.61			
N.L. Howard +28.6 Check					
+50 West			3.8	336.8	

60' Wide

West — ✕ — East

+30' W.P.L. ℄ +30 E.P.L.

Pipe S.W. Roselawn & Castle

1.9	+10 1.7	+15 2.2	+7 1.4	1.3	+13 1.9	+16 1.3		1.1
44.0	44.2	43.7	44.5	44.6	44.0	44.6		344.8 1.2
2.7			+15 2.2	2.0			+15 1.9	344.7 1.7
343.2 3.6		+20 3.9	43.7 +16 3.1	43.9 2.9		+13 2.9	44.0 +15 2.6	44.2 2.6
342.3 3.7	42.0	+22 3.9	42.8 +21 4.4	+13 4.1	43.0 3.8	+7 3.9	43.0 +14 4.4	43.3 +16 3.9	43.3 3.7
42.2 5.0	42.0	+16 4.9	41.5 +7 4.6	41.8	42.1 4.4	42.0 +8 4.6	41.5 +14 5.0	42.0 +15 4.3	342.2 4.3
40.9 5.6	41.0	+21 5.9	41.3 +10 5.7	41.5 5.1	41.3 +7 5.4	40.8 +14 5.9	41.6 +16 5.2	341.6 4.7
340.3 6.5	40.0	+22 6.2	40.2 +21 6.7	40.8 +10 6.1	40.5 5.6	+13 6.5	41.0 +13 6.0	40.7	341.2 5.8
339.4 7.4	39.7	+21 7.3	39.2 +16 6.8	39.8	40.3 6.4	39.4 +8 6.7	39.9 +15 7.2	+16 6.8	40.1 6.7
338.5 8.1	+20 8.1	+18 7.6	39.6	39.1	39.5 7.2	39.2 +8 7.5	38.7 +14 7.8	39.1 +15 7.2	39.2 7.1
337.8 9.1	37.8	+19 9.1	38.3 +9 8.4		38.7 7.8	38.4 +6 8.0	38.1 +11 8.6	38.7 +15 7.9	339.8 7.7
336.8 10.0	+15 9.8	36.8 +8 9.4	37.5	38.1	38.1 9.1	37.9 +8 9.5	37.3 +13 9.4	38.0 +15 8.6	338.2 8.0
335.9 11.0	36.1	36.5	+15 10.9		36.8 10.2	36.4 +6 10.4	36.5 +12 10.6	37.3 +14 10.2	337.9 10.1
334.9 7.1	+14 6.8		35.0		35.7 6.5	35.5 +6 6.2	35.3 +16 6.3	35.7 +23 63	+25 5.9	335.8 5.9
333.5 7.3	33.8		+21 7.0	+2 7.2	34.1 7.5	34.4	34.3 +10 6.6	34.3 +16 6.8	34.7 6.6	34.7
333.3			33.6	33.4	33.1		32.0	33.8	33.0	

X Sections Howard from 135' E of Chamoune
To EL. Sierra South –
profile to E.L Euclid

0+00 = EL Chamoune

Sta	+	HI	–	Elev
B.M.				337.45
1+35	1.26	338.71		
1+40				
1+50				
WL Mentone North 2+11.5				
E.L. Mentone South 2+61.5				
WL Mentone South 2+70				
E.L. Mentone South 3+30				
4				
WL Menlo North +61.5			1.26	337.45
EL Menlo North 5+11.5	5.86	343.31		
5+50				
WL Menlo South 6+00				
E.L. Menlo South +60				
WL Sierra North 7+11.5				
E.L. Sierra North 7+61.5				
8			2.27	341.04
+50	3.90	344.94		

Nov 19-1915
4d-Hyatt Graf

8

Notes Reduced W.J.L. Nov. 24

80' Wide

North — South

+40' N.P.L. — +40' S.P.L.

Pipe N W Menlo + Howard

10.4	+27 11.2	+17 11.3		11.3	+12 12.3	+26 13.3	+28 12.2	12.2
328.3	27.5	27.4		27.4	26.4	25.4	26.5	326.5 15.1
10.8		+20 12.0		13.3		+20 14.3		323.6 15.3
327.9 7.5		26.7 +20 8.2	+12 8.8	25.4 9.0	+20 10.2	24.4		323.4 10.7
331.2 5.7		30.5	29.9	27.7	28.5			328.0
333.0 5.2		+20 5.9		6.5		+24 7.5		8.1
333.5 3.3		32.8 +20 3.9		32.2 4.6		31.2 +20 5.2		330.6 5.6
335.4 1.9	+30 2.0	34.8 +20 2.6		34.1 3.1		33.5 +20 3.3		333.1 3.4
336.8 0.9	36.7 +20 1.4	36.1		35.6 1.6		35.4 +20 2.6		335.3 3.0
337.8 4.8	37.3		+25 5.3	37.1 5.4	+8 6.0	36.1 +23 6.4	+29 6.7	335.7 6.7
338.5 4.3	+27 4.4		38.0	37.9 5.0	37.3 +9 5.5	36.7 +21 5.5	36.6 +24 6.0	336.6 6.3
339.0 4.3	38.9	+22 4.5		38.3 5.0	37.8 +22 5.3	37.8 +28 5.0	37.3 +32 5.7	337.0 6.0
339.0 3.3		38.8 +23 4.2	+9 4.4	38.3 4.2	38.0 +16 4.2	38.3 +30 5.0	37.6	337.3 5.2
340.0 2.7		39.1 +23 3.3	38.9 +12 3.3	39.1 3.5	39.1	38.3	+24 4.2	338.1 4.2
340.6 2.3		40.0 +19 2.8	40.0	39.8 2.8	+12 2.3	+30 3.2	39.1	339.1 3.8
341.0 2.2		340.5	+10 2.0	40.5 2.4	41.0	40.1 +11 2.8	+24 3.0	339.5 3.3
341.1 5.3	+23 5.3		41.3	40.9 4.9		40.5 +23 4.6	40.3 +33 4.9	340.0 5.0
339.6	39.6			40.0		40.3	40.0	39.9

Continued X Sections Howard from Page 8

Nov 19-1915
Ad-Hyatt-Grat

80' Wide

N Notes Reduced W.J.L. Nov. 24

North — South

Sta	#	HI	-	Elev		N.P.L.			℄			S.P.L
8+82	344.94					6.4		+15 5.0	5.0	+13 6.0	+24 6.1	6.0
						338.5		39.9	39.9	38.9	38.8	338.9
9+00						6.7		+22 6.9	7.0		+21 6.6	6.7
W.L. Sierra South +30						338.2		38.0	37.9		38.3	338.2
						8.3		+20 7.8	7.5	+20 7.5		7.5
+53						336.6		37.1	37.4	37.4		337.4
						10.5	+21 9.1		8.2	+20 8.4		8.2
E.L. Sierra South +9.0			9.13	335.81	B.M. S.W. Euclid + Roselawn cks ok.	334.4	35.8		36.7	36.5		336.7
									12.7	+15 10.8		9.9
10+00									32.2	34.1		335.0
												10.8
10+32			12.97	331.97	T.P. Rock							334.1
												16.8
9+90	0.57	332.54				9.1		+17 4.3				328.1
						323.4		328.2				
10						12.3						
						320.2						
10+50			12.66	319.88	T.P. Rock							10.2
												322.3
10+87	0.44	320.32										11.6
												308.7
11												13.4
												306.9
10+28						11.0						
						309.3						
10+50						12.9						
						307.4						
10+55						14.1						
						306.2						
10+66						12.8						
						307.5						
11						9.0						
						311.3						
11+25						5.3						
						315.0						

Continued X Sections & Profile Howard
from Page 9

Nov 19-1915
4d-Hyatt Grat

Note Reduced
W.J.L. Nov 24

Sta	+	H I	−	Elev		N.P.L.	S.P.L. ✓
11+14		320.32					15.7
11+25.							304.3 / 20.8
11+32							299.5 / 20.6
11+34							299.7 / 20.0
11+50			0.60	319.72			300.3 / 17.2
12	12.57	332.29					303.1 / 10.3
11+50			5.53	326.76		9.0	322.0
11+73	10.35	337.11				323.3. / 7.3	
12						329.8 / 6.0	
W.L. Euclid North +61.45						331.1 / 3.8	
EL Euclid North 13+21.45						333.3 / 3.1	
EL Euclid South 13+20						334.0	5.6
WL Euclid 12+60							331.5 / 7.6
12+25							329.5 / 9.1
12+15							328.0 / 10.7
B.M.			1.28	335.83	Should be 335.81		326.4

Pipe SW Roselawn & Euclid.

Ford-Hyatt-Gra
Jan. 3, 1916
Rods reduced by A.H.G. 1/8/16

11

Profile Sierra (Howard-Clark)

Sta.	+	H.I.	−	Elev		W.P.L.			E.P.L.
B.M.				337.45	Pipe 2' N.W. of N.W. Menlo + Howard				
S.W. Sierra Howard						7.6			
0+00	7.52	344.97				337.4			
S.E. Sierra Howard									9.9
0+01.64									335.1
									9.2
+25									335.8
						7.3			
+43						337.7			
T.P. on Rock						6.5			9.2
+50			6.33	338.64		338.5			335.8
						2.4			
+70	1.56	340.20				337.8			
						2.5			4.2
+80						337.7			336.0
									3.5
+85									336.7
						1.8			3.3
1						338.4			336.9
						1.4			
+08									
									3.7
+15									336.5
						2.4			3.0
+50						337.8			337.2
						2.3			2.1
+75						337.9			
									2.1
+80									338.1
						3.1			2.9
2						337.1			337.3
						3.7			
+10						336.5			
						4.7			4.2
+50						335.5			336.0
									4.7
+75									335.5

Profile Sierra (Cont'd)

Sta.	+	H.I.	−	Elev.
2+82		340.20		
3				
+25				
+50				
+75				
4				
+22				
430				
+50				
+70				
T.P. on Rock				
+85			12.82	327.38
5	5.95	333.33		
450				
N.L. Clark				
+86.84				
T.P.			6.48	326.85

W.P.L.	E.P.L.
	5.4
	334.8
6.6	5.5
333.6	334.7
7.2	
333.0	
8.2	7.2
332.0	333.0
9.3	
330.9	
10.1	8.6
330.1	331.6
10.1	
330.1	
11.1	10.1
329.1	
11.8	10.1
328.4	330.1
12.0	
328.2	
13.2	
327.0	
7.1	4.3
326.2	329.0
8.1	6.1
325.2	327.2
9.4	7.5
323.9	325.8

Top of lot stake 4+13 E.L. Menlo

Profile Menlo (Howard-Clark)

Graf
Hyatt
Jan. 3, 1916
Rods reduced by M.H.G. 1/3/16

13

Sta.	+	H.I.	−	Elev.	
B.M. S.W. Menlo Howard				337.45	
0+00	2.14	339.59			
S.E. Menlo Howard 0+01.64					
+50					
1					
+50					
2					
+50					
3					
T.P.				(326.85)	T.P. on top of 1st stake 4+13 from E.L. Menlo pg. 12
+50			12.77	326.82	
4	0.18	327.00			
+50					
5					
T.P. on Rock					
+15			12.83	314.17	
+30	3.11	317.28			
T.P. on Rock					
+50			12.56	304.72	
+50	0.15	304.87			
N.L. Clark					
T.P. on Rock +88			12.89	291.48	
N.L. Clark					T.P. on Rock
+88	0.95	292.43	11.77	280.66	

	W.P.L.	E.P.L.
Pipe 2' N.W. of N.W. Menlo + Howard.		
	2.2	
	337.4	
		1.5
		338.1
	3.6	2.3
	336.6	337.3
	4.2	3.3
	335.4	336.3
	5.8	4.6
	333.8	335.0
	6.9	5.9
	332.7	333.7
	8.5	7.4
	331.1	332.2
	10.7	9.3
	328.9	330.3
	12.6	10.8
	327.0	328.8
	2.4	0.3
	324.6	326.7
	5.9	2.4
	321.1	324.6
	12.6	6.6
	314.4	320.4
		8.8
		318.2
	9.3	
	308.0	
		8.4
		308.9
	4.5	
	300.4	
		7.2
		297.7
	9.1	
	283.3	

Profile Mentone (Howard-Clark)

Graf. Hyatt, Jan 3, '16 Rods reduced by A.H.G. 1/3/16

14

Sta.	+	H.I.	−	Elev.	W.P.L.	E.P.L.
B.M.				337.45	Pipe 2' N.W. of N.W. Howard & Menlo	
S.W. Mentone Howard 0+00	1.60	339.05			8.4 330.7	
S.E. Mentone Howard 0+01.64						6.2 332.9
+50					9.8 329.3	7.5 331.6
T.P. on Rock 1			12.94	326.11	11.6 327.5	8.6 330.5
+50	2.73	328.84			3.5 325.3	1.2 327.6
2					6.1 322.7	3.5 325.3
+50					9.2	6.4 322.4
3						9.7 319.1
T.P. on Rock +05			12.77	316.07		10.0 318.8
3	0.03	316.10			3.5 312.6	
T.P. on Rock +20			12.40	303.70	8.2 307.9	
T.P. on Rock +50	3.09	306.79	12.99	293.80	9.7 297.1	4.8 302.0
+75	1.78	295.58			6.0 289.6	4.5 291.1
+95					7.5 288.1	8.4 287.2
4					6.5 289.1	10.2 285.4
+30						8.8 286.8
T.P. on Rock +50			1.84	293.74		4.9 290.7

Profile Mentone (Cont'd)

Sta.	+	H.I.	−	Elev.	W.P.L.	E.P.L.
	10.65	304.39		293.74		
T.P. on Rock			6.70	303.69		
4+50	11.00	314.69			8.3	
T.P. on Rock					306.4	
5			0.45	314.24		9.2
						305.5
5	10.73	324.97			9.0	
					316.0	
450					3.4	9.4
N.L. Clark T.P.					321.6	315.6
+95.16			1.36	323.61		6.3
N.L. Clark.						318.7
+95.16	12.29	335.90			10.7	
Top Curb S.E. Clark & Chamonne					325.2	
~~P.M.~~			2.04	333.86		

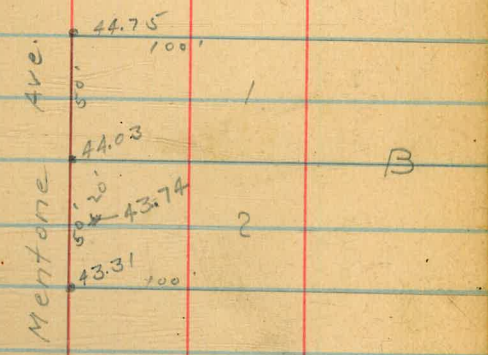
Sidewalk Grades
In front of lot 2 Blk B
Belle Crest.

	+	H.I.	−	Elev.	
B.M.	3.38	52.35		348.97	
Grade				43.74	
			8.11	44.24	+0.5

Hyatt
Brown

Aug 16, 18.

1" iron pipe 9.4 S 2.7' W Menlo & Castle.
70' south of S.E Cor Mentone & Castle.
Stake & Marked. Cut 0.5



XSec of Lots - 43 & 48 - Block 51 City Heights

Sta	+	X	-	Elev
				352.91
	390	35.81		
S.P.L. Univ Ave				
0+00				
0+25				
0+50				
0+75				
1+00				
1+25				
1+50				

All distances taken from W.P.L. of Stockton Ave. at 25' sections

Ellis
Walker
Preston

9/29/53

17

Brass Plug N.W.C. Stockton & Univ. (Book 61 Page 53)

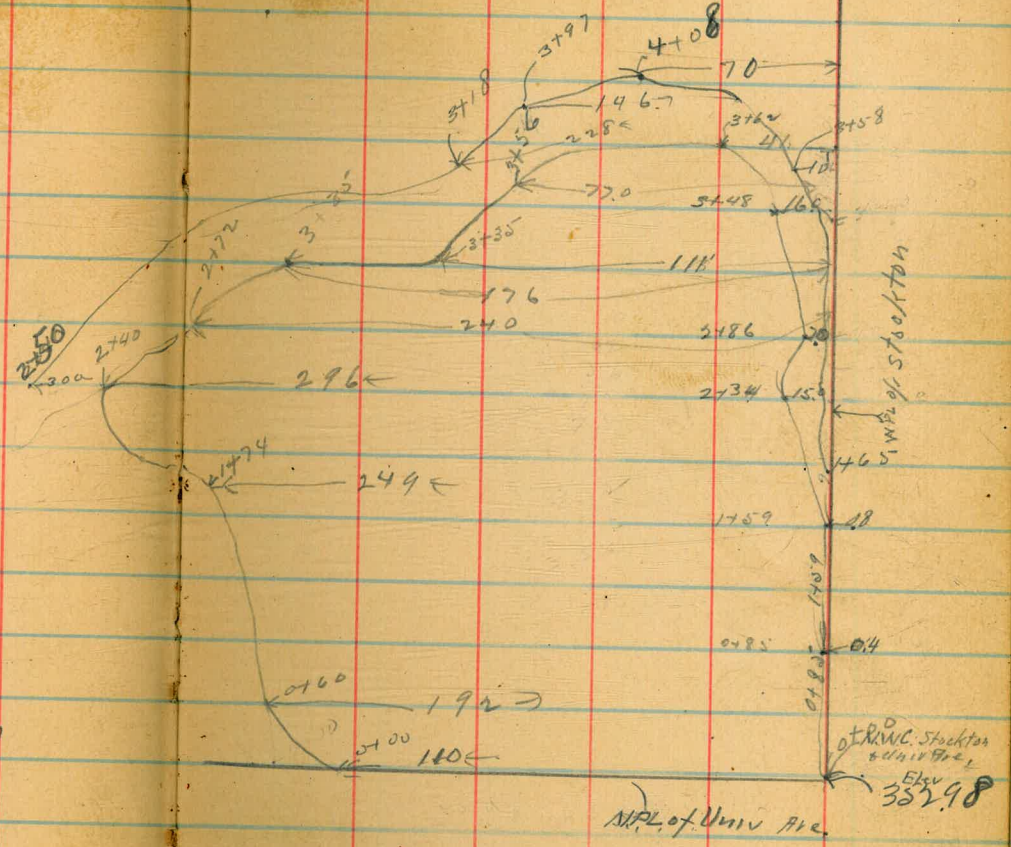
W.P.L. Stockton				East Alley Line
0+00				140.0
4.3				3.7
352.5				353.1
0+00	0+20	0+50	0+60	140.0
5.3	14.6	10.7	7.3	4.0
351.5	342.8	346.1	349.5	352.8
0+00	0+21.0	0+41.0	0+53.0	140.0
5.3	16.5	8.1	11.4	4.1
351.5	341.3	348.7	345.4	352.7
0+00	0+27.0	0+42.0	0+97.0	140.0
5.3	16.5	14.0	6.3	5.4
351.5	348.3	342.8	350.5	351.4
0+00	0+20.0	0+40.0	0+80.0	140.0
5.3	15.0	15.0	7.5	5.5
351.5	341.8	341.8	348.9	351.3
0+00	0+20.0	0+40.0	0+80.0	140.0
6.3	16.5	17.0	8.4	6.2
350.5	340.3	339.8	348.4	350.6
0+00	0+17.0	0+30.0	0+88.0	140.0
7.0	17.0	18.0	9.5	6.4
349.8	339.8	338.8	347.3	350.4

Ellis
Walker
Preston

10-2-23

Sta	+	x	-	Elev
				352.91
5.62	358.53			
5.55	352.98			

BM NW cor Stockton & Univ



X Sec of Alley Wilson - Storey
N.P.L Univ to S.P.L of Orange

Sta	+	x	-	Elev
				360.45
N.P.L. Univ.	9.11	369.56		
0+00				
0+50				
1+00				
1+50				
2+00				
2+50				
3+00				
3+50.				

Ellis
Walker
Preston

10-9-23

W.P.L. ℄ E.P.L

Brass Plug N.W.C. Wilson & Univ. (Book 61 Page 51)

9.4 / 360.1	9.6 / 359.9	9.5 / 360.0
8.7 / 360.8	8.8 / 360.7	9.0 / 360.5
8.6 / 360.9	8.6 / 360.9	8.8 / 360.7
8.2 / 361.3	8.2 / 361.3	8.4 / 361.1
7.5 / 362.0	7.3 / 362.2	7.8 / 361.7
6.9 / 362.6	7.0 / 362.5	7.2 / 362.3
5.6 / 363.9	5.6 / 363.9	6.2 / 363.3
4.3 / 365.2	4.2 / 365.3	5.0 / 364.5

X Sec Alley Wilson - Story
N.P.L. Univ - S.P.L. Orange

Ellis
Walker
Preston

10-9-23

Sta	+	π	−	Elev	N.P.L.	℄	E.P.L.
4+00		369.56			2.5 / 367.0	2.2 / 367.3	2.6 / 366.9
4+50					1.7 / 367.8	1.2 / 368.3	1.4 / 368.1
5+00					1.1 / 368.4	0.6 / 369.0	0.7 / 368.8
T.P.			0.09	369.47			
5+50	8.31	377.78			8.1 / 369.7	8.0 / 369.8	8.2 / 369.6
S.P.L. Anna 6+00					8.5 / 369.3	8.6 / 369.2	8.4 / 369.4
N.P.L. Anna 0+00					8.3 / 369.5	8.4 / 369.4	8.0 / 369.8
0+50					6.2 / 371.6	6.5 / 371.3	6.9 / 370.9
1+00					6.6 / 371.2	6.4 / 371.4	5.9 / 371.9
1+50					6.1 / 371.7	6.0 / 371.8	6.0 / 371.8

X Sec Alley Wilson-Story
N.P.L. Union to S.P.L. Orange

Ellis
Walker
Preston

10-9-23

Sta	+	π	−	Elev	W.P.L.	℄	E.P.L.
2+00		377.78			5.6 / 372.2	5.3 / 372.5	5.8 / 372.0
2+50					4.8 / 373.0	5.0 / 372.8	4.9 / 372.9
3+00					4.5 / 373.3	4.6 / 373.2	4.5 / 373.3
3+50					4.0 / 373.8	4.1 / 373.7	4.2 / 373.6
4+00					3.5 / 374.3	3.7 / 374.1	3.6 / 374.2
4+50					3.0 / 374.8	3.0 / 374.8	3.6 / 374.8
5+00					2.4 / 375.4	2.5 / 375.3	2.3 / 375.5
5+50					1.8 / 376.0	1.6 / 376.2	0.9 / 376.9
S.P.L. Orange 6+00					2.0 / 375.8	2.1 / 375.7	1.7 / 376.1

XSec of Alley Pacific & Wilson
SPL. Univ to NPL Klauber

Ellis
Walker
Preston

10-9-63

Sta	+	⊼	−	Elev	WPL	℄	EPL
				361.48			
SPL Univ							
0+00	2.81	364.29			3.4 / 360.9	3.7 / 360.7	3.6 / 360.8
0+50					4.3 / 360.0	4.4 / 359.9	4.4 / 359.9
1+00					5.3 / 359.0	5.0 / 359.3	4.9 / 359.4
1+50					5.8 / 358.5	5.9 / 358.4	6.1 / 358.3
2+00					6.7 / 357.6	6.7 / 357.6	7.0 / 357.4
2+50					7.9 / 356.4	7.7 / 356.6	7.9 / 356.4
3+00					8.4 / 355.9	8.4 / 355.9	8.1 / 356.2
3+50					8.7 / 355.6	8.4 / 355.9	8.9 / 355.4

Brass Plug N.W.G. Pacific & Univ. (Book 61 Page 51)

X Sec of Alley Pacific & Wilson
SPL Unit to N.P.L Klauber

Ellis
Walker
Preston

10-9-23

Sta	+	⊼	−	Elev	W.Pt.	℄	E.P.L.
4+00		364.29			9.5 / 354.8	9.3 / 355.0	9.6 / 354.7
4+50					9.9 / 354.4	10.0 / 354.3	10.1 / 354.2
5+00					10.3 / 354.0	11.1 / 353.2	11.4 / 353.9
5+50					11.5 / 352.8	11.6 / 352.7	11.9 / 352.4
N.P.L Klauber 6+00					12.6 / 351.7	12.7 / 351.6	12.7 / 351.6

10/20/24

Sewer Levels on
℄ Castle Ave from
℄ Euclid To S. end

			348.7		
Intersection of ℄ Euclid & ℄ Castle	8.67	348.68		340.01	Pipe 9.5 S & SW. of SW. castle & Roselawn
= 0+00			4.75	343.93 ✓	on stub.
0+8			5.00	343.7 ✓	
0+35.77 = EL. Euclid.			4.5	344.2 ✓	
			5.55	343.13 ✓	= Top of Wood Stave
0+92 = Wood Stave pipe.			4.2	344.5 ✓	
1+60.62 ✓ △ 22°00 R			3.90	344.8 ✓	on stub
2			4.1	344.6 ✓	
+50			4.6	344.1 ✓	
3			4.5	344.2 ✓	
+50			5.3	343.4 ✓	
4			5.8	342.9 ✓	
+50			6.2	342.5 ✓	
5			7.2	341.5 ✓	
+50			8.2	340.5 ✓	
+91.26 △ 45°26' ✓			9.27	339.41 ✓	on stub
6			9.1	339.6 ✓	
+50			10.2	338.5 ✓	
7			12.1	336.6 ✓	

see page 30 for construction

10/20/24 Gregory

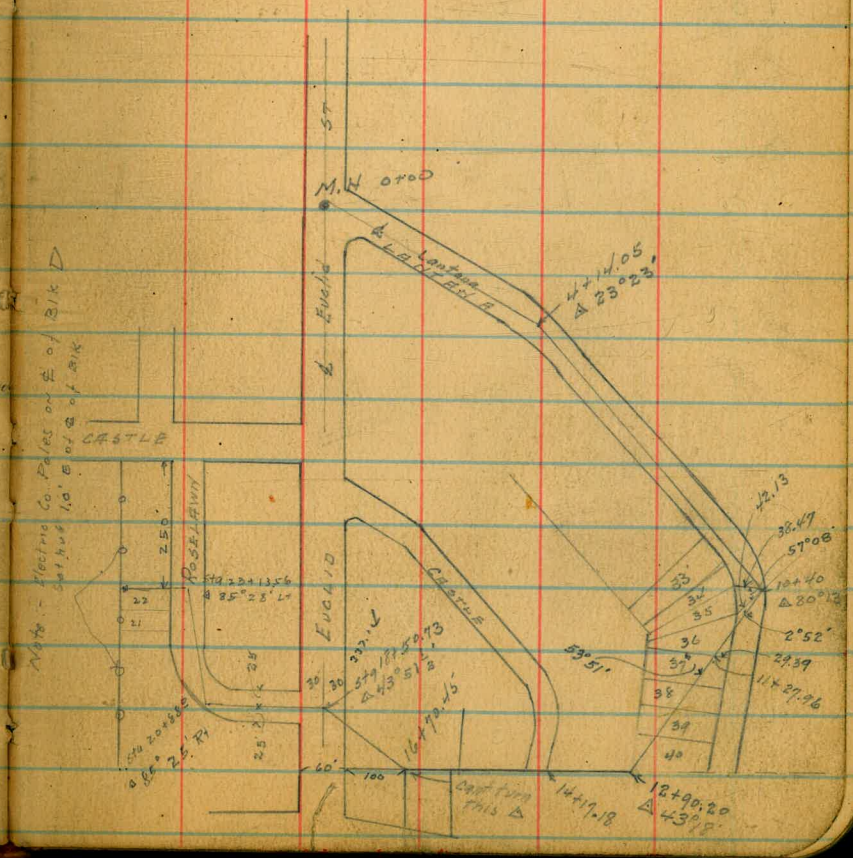
Sewer Levels 2' E ox ℄ ox BLOCK bet Sierra & Rosclawn

			344.0		
BM	3.96	343.97		340.01	pipe 9.5 ⊕ + 5' W ox SW Rosclawn + Castle
Flow Line @ M.H. 237.5 E ox 0+00			14.08	329.89	✓
Flow Line @ M.H. 92.7 W. ox 0+00			14.95	329.04	✓
℄ ox Castle = 123' W ox Rosclawn = 0+00			5.5	338.5	✓
+ 20 = gutter			6.5	337.5	✓
+ 20 = curb			5.86	338.11	✓
+ 31.85			5.4	338.6	✓
+ 50			5.0	339.0	✓
1			5.6	338.4	✓
+ 50			6.7	337.3	✓
2			7.3	336.7	✓
+ 15			8.0	336.0	✓
+ 31			7.6	336.4	✓
+ 45			8.9	335.1	✓
+ 55			8.6	335.4	✓
+ 70			9.8	334.2	✓
3			11.1	332.9	✓
+ 15			12.3	331.7	✓
+ 37			11.6	332.4	✓

40	6370	651 / 8.44 / 14.95	216 / 1192 / 1408		2405 / 2385
			344.0		
+ 53			13.9	330.1	✓
+ 60			13.4	330.6	✓
+ 79			16.0	328.0	✓
4			13.7	330.3	✓
+ 16			11.9	332.1	✓
+ 50			11.3	332.7	✓
+ 86			10.6	333.4	✓
5			10.4	333.6	✓
+ 50			7.0	337.0	✓
6			5.6	338.4	✓

Sewer Levels on ℄ of Lantana from Euclid M.H. thru Blks 5 & 6 to Roselawn

	8.93	348.94		340.01	pipe B.M Roselawn & Castle
M.H. & Euclid & Lantana 0+00			8.41	340.53 ✓	= Top of M.H.
+20			9.1	339.8 ✓	
+45			6.2	342.7 ✓	
+80			6.0	342.9 ✓	
1			6.4	342.5 ✓	
+50			7.2	341.7 ✓	
2			7.8	341.1 ✓	
T.P.	4.90	346.21	7.63 (346.2)	341.31	
+50			4.8	341.4 ✓	
3			4.6	341.6 ✓	
+50			4.5	341.7 ✓	
+90			4.7	341.5 ✓	40' N. of Floor of House 2.6 Lower
4			4.8	341.4 ✓	
+14.05 Δ 23°23' R			5.11	341.1 ✓	
+50			4.3	341.9 ✓	
5			3.9	342.3 ✓	
+50			4.0	342.2 ✓	
6			4.0	342.2 ✓	
+50			4.4	341.8 ✓	



		346.21			
7			4.2	342.0 ✓	
+ 50			4.3	341.9 ✓	
8			4.6	341.6 ✓	
+ 50			5.3	340.9 ✓	
+ 88				340.13	top of wood stave water main
9			5.8	340.4 ✓	
+ 50			6.5	339.7 ✓	
			342.9		
T.P.	3.09	342.87	6.43	339.78	
10			3.7	339.2 ✓	
+ 40 Δ 80°13 R			4.60	338.3 ✓	on hub
+ 50			4.3	338.6 ✓	
+ 62			5.0	337.9 ✓	
+ 69			5.9	337.0 ✓	gutter
+ 74			4.4	338.5 ✓	
11			4.6	338.3 ✓	
+ 50			4.6	338.3 ✓	
12			4.9	338.0 ✓	
+ 50			5.9	337.0 ✓	
+ 90.2 Δ 43°18 R			6.32	336.55 ✓	Redwood hub
T.P.	5.83	341.17	7.53	335.34 ✓	
13		(341.2)	4.8	336.4 ✓	under shed
+ 50			4.6	336.6 ✓	

			341.17		
			(341.2)		
14			4.8	336.4 ✓	
+ 42.61 = ℄ Castle			4.83	336.34 ✓	on hub
+ 60			4.4	336.8 ✓	
+ 68.22 = W.L. Castle			5.04	336.13 ✓	broken on hub
+ 77			5.6	335.6 ✓	
15			5.5	335.7 ✓	
+ 50			5.2	336.0 ✓	
+ 85			4.5	336.7 ✓	
16			5.2	336.0 ✓	
+ 50			5.0	336.2 ✓	
+ 70.45 Δ	Figure this Angle.	R.	5.69	335.48 ✓	
17			5.2	336.0 ✓	
+ 50			4.6	336.6 ✓	
18			4.1	337.1 ✓	
T.P.	1.80	338.77	4.20	336.97	
+ 10		(338.8)	1.2	337.6 ✓	
+ 25			1.6	337.2 ✓	
+ 30			2.4	336.4 ✓	
+ 50.73 Δ 43°51 1/8' L.			1.63	337.14 ✓	on stub
T.P. on stub 5.72		342.86	1.63	337.14	
19		(342.9)	7.0	335.9 ✓	

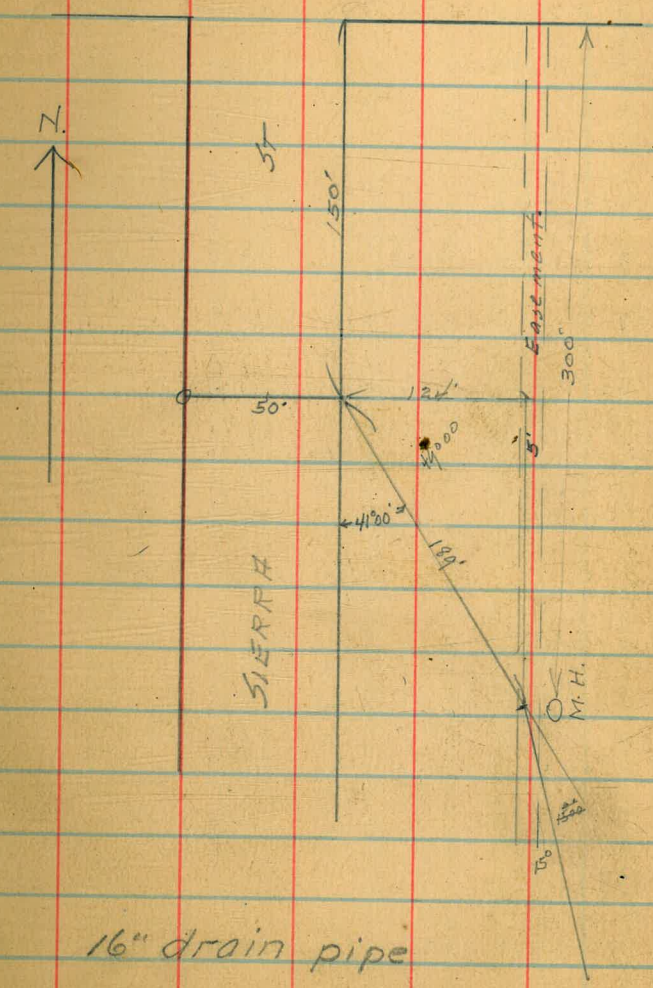
342.86

342.9

+50		7.7	335.2 ✓	
20		8.7	334.2 ✓	
+50		9.7	333.2 ✓	
+88	Δ 85°25' Rt	10.41	332.45	on hub
21		10.2	332.7 ✓	
+50		9.4	333.5 ✓	
22		8.5	334.4 ✓	
+50		8.0	334.9 ✓	
23		7.9	335.0 ✓	
+13.56	Δ 85°28' Lt	7.56	335.30 ✓	on hub
+29		8.0	334.9 ✓	
+34		7.4	335.5 ✓	
+50		7.5	335.4 ✓	
24	149.0'	8.2	334.7 ✓	
+50		9.2	333.7 ✓	
+62.56		9.06	333.80 ✓	Note:- set hub E of ℄ of Blk on hub
Check on BM pipe Castle + Rosebawn		2.90	339.96 ✓	340.01

1/16/25 Gregory. Levels for Drain
Sierra S. of Castle

	0.51	340.52		340.01	Pipe BM Roselawn & Castle
W. cb Sierra + 150' S of Castle = 0+00			5.3	335.2	
0+25			5.8	334.7	
0+40 Δ 49° R			5.3	335.2	
+50			4.7	335.8	
1			4.4	336.1	
+15			4.7	335.8	Drive
T.P.	0.64	335.33	5.83	334.69	
+50			0.1	335.2	
2			2.4	332.9	
+29			2.9	332.4	
+43			3.0	332.3	
+60			6.1	329.2	
+67			6.0	329.3	
+72			7.2	328.1	
+90			8.4	326.9	
3+25	End pipe here		15.0	320.3	
+35			19.0	316.3	



Sewer Construction

Castle Drive From Existing M.H. Euclid + Castle

To D.E. Opp. Lot 19+20 41+42 Block 5+6

℄ M.H. Euclid + Castle		332.50
34' S		332.68
68' S	△ M.H. ℄ Euclid And Castle Drive	332.84
53.53' E		333.11
107.06		333.38
160.6	△ M.H.	333.64
52.5' E		333.90
105' E		334.16
157.5		334.42
210.0	M.H.	334.69
55.17		334.96
110.34		335.24
165.52		335.51
220.7	△ M.H.	335.79
35.35		336.00
70.7 DE		336.20

340.01
8.85
348.86
4.97
343.89
2.10
345.99

M.H.
348.86
32.50
16.36
4.90
+11.46

348.86
32.68
16.18
4.58
+11.60

M.H.
348.86
32.84
16.02
5.02
+11.00

348.86
33.11
15.75
4.68
+11.07

348.86
33.38
15.48
4.48
11.00

M.H.
348.86
333.64
15.22
4.27
+10.95

348.86
333.90
14.96
4.44
+10.52

348.86
334.16
14.70
4.60
10.10

348.86
334.42
14.44
5.04
+9.40

M.H.
345.99
334.69
11.30
2.82
+8.48

345.99
334.96
11.03
3.25
+7.78

345.99
335.24
10.75
4.16
+6.59

345.99
335.51
10.48
5.20
+5.28

M.H.
345.99
335.79
10.20
6.41
+3.79

345.99
336.00
9.99
6.80
+3.19

345.99
336.20
9.79
8.16
+1.63

Sewer Levels To Serve Blks 2/6/26
344 Bungalo Park Add

					232
					341.83
BM	0.76	340.77		340.01	Pine SW Castle & Rose Dawn
T.P.	7.51	341.83	6.45	334.32	
25. ℄ Blk D Bell Crest					
00: D.E			3.3	338.5	
+50. S			3.3	338.53	
1+00			3.2	338.63	
1+17 = ℄ Howard St ∠ 90°-00 L			2.9	338.93	
N. Line Sierra Ave 1+61			4.5	337.33	
℄ Sierra Ave 1+91 ∠ 90°-00 R			6.0	335.83	
℄ Sierra 9'S. of ℄ Howard 2+00			5.7	336.13	
S. Line Howard +31			5.2	336.62	
+70			5.3	336.53	
50' S of above			8.0	333.83	
60' " "			9.8	332.03	
3+00			5.3	336.53	
+50			4.3	337.53	
4+00			3.8	338.03	
+20			4.7	337.13	
+35			4.3	337.53	
+60			5.7	336.13	
5+00			6.9	334.93	
+50			8.5	333.33	
1+65			8.6	333.23	
+70			9.4	332.43	
6+00			9.9	331.93	
+35			11.2	330.63	
+50			12.3	329.53	
1+17 opposite = 0+00 ℄ Howard St page 90°-00 R			2.9	338.93	
+20 W			1.9	339.93	
+50			1.8	340.03	
℄ Alley Blk 3 Bungalo Park Add ∠ 90° L 0+91			1.2	340.63	
S Line Howard ℄ Alley 1+31			1.8	340.03	
T.P.	1.17	341.50	1.50	340.33	
1+50			1.2	340.3	
+70			1.1	340.4	
2+00			2.7	338.8	
+50			4.5	337.0	
+75			4.8	336.7	
3+00			5.5	336.0	
+50			6.8	334.7	
4+00			7.9	333.6	
+30			8.1	333.4	

341.50

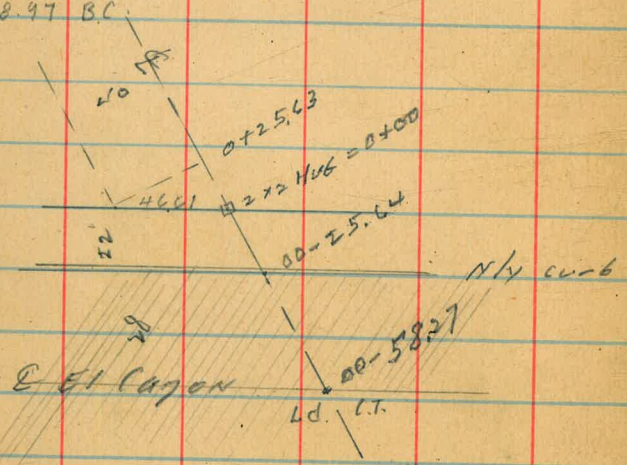
4+45	9.0	332.5
5+00	10.8	330.7
+35	12.0	329.5
+60	12.5	329.0

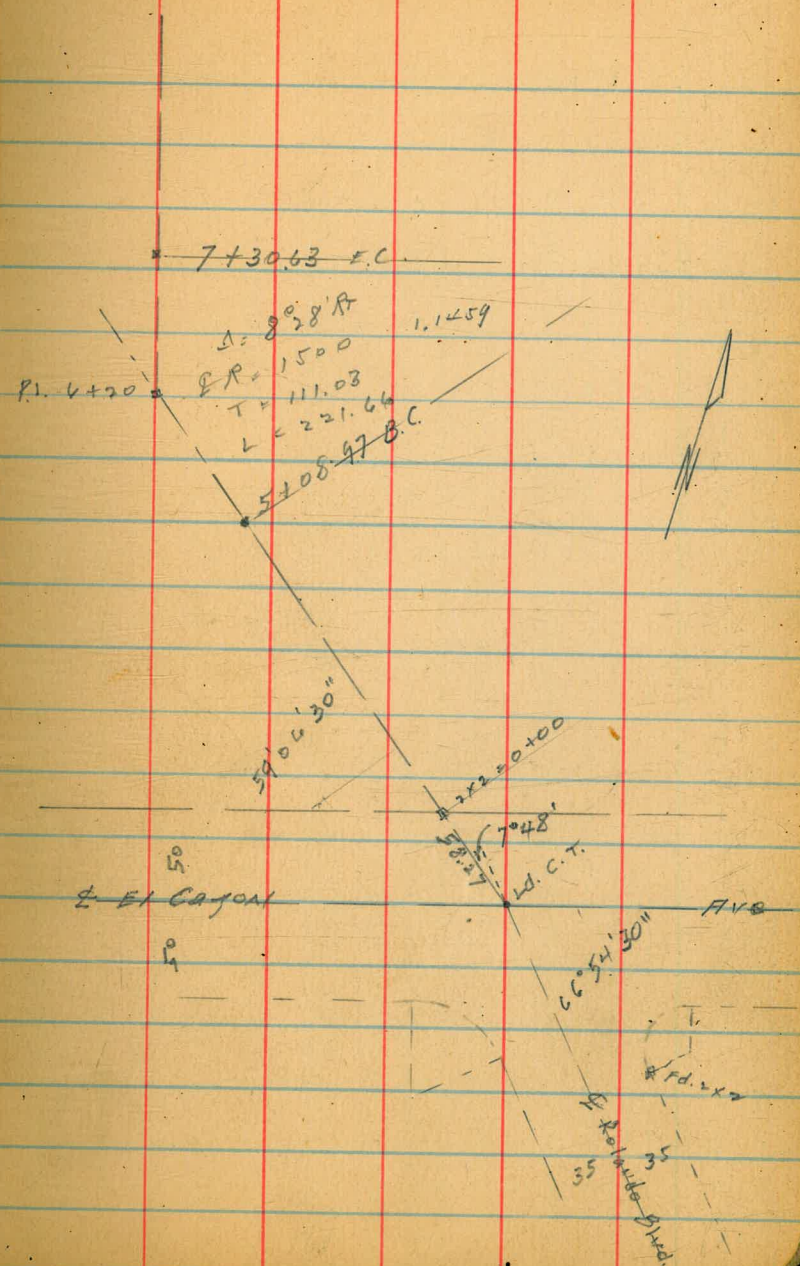
Change of "A" Line
See P 39.

Moore 10-2-39.
Sisson
Northern

Survey for Proposed "A" Line 80' wide
Mission Valley Rd. from Intersection
of Rolando Blvd. + El Cajon Ave.
Nwly to Sta Intersection
of M.V. Rd. Survey Book 1497-50.

7+30.63	4° 14.0'
7	3° 38.90
+50	2° 41.62
6	1° 44.32
+50	0° 47.02
5+08.97 B.C.	





15+33.81 E.C.

Δ = 36°57' LT.

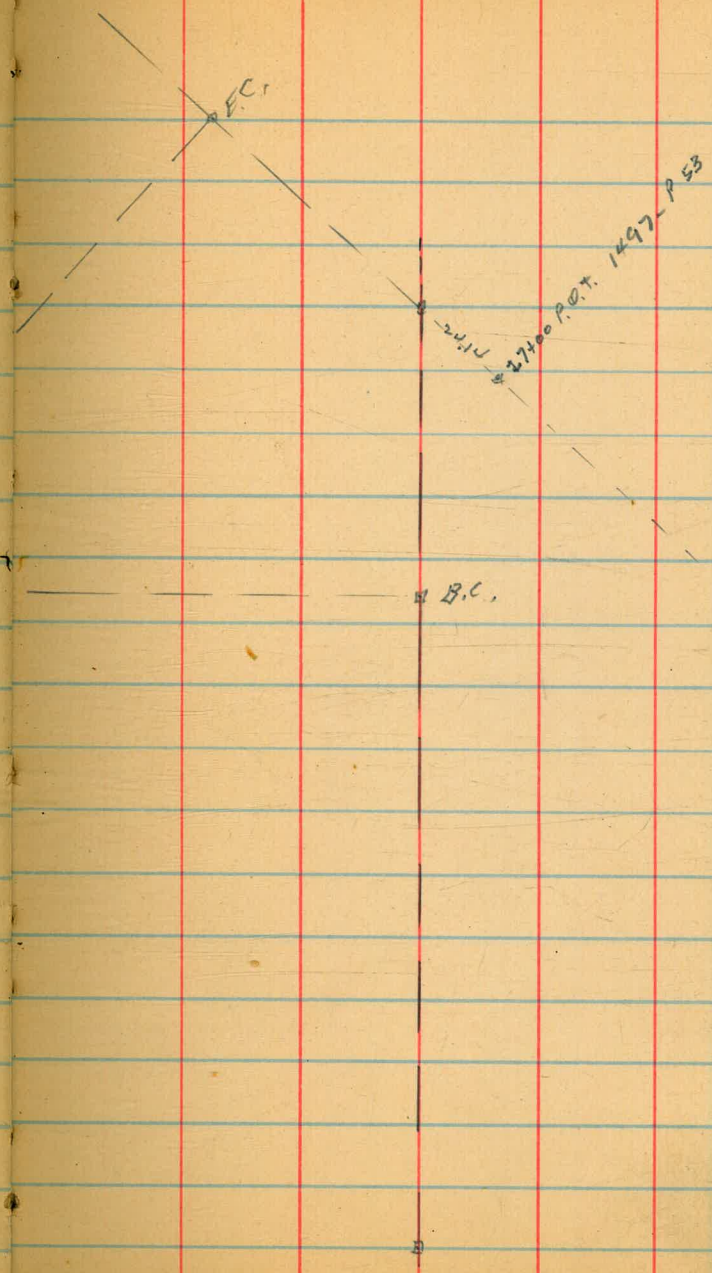
P.I. 13+47.33 ER = 600

T = 200.46

L = 386.94

11+46.87 B.C. LT

7+30.63 E.C.



0 + 50

0 + 23.93

See P 39 + 42 for change of "A" LINE

0 + 00 N/y El Cajon

0 - 25.64 N curb

Reduced 10/16-39

0 - 25.64 N gutter

0 - 58.37 ± ℄ El Cajon Ave

SWBP 456.51 456.97 452.46 El Cajon Rolando Blvd

LT.		℄		RT.
449.8	450.8	451.6	451.8	451.5
7.2 / 40	6.2 / 20	5.4	5.2 / 20	5.5 / 40
451.4	451.5	451.7	451.9	451.8
5.6 / 40	5.5 / 20	5.3	5.1 / 20	5.2 / 40
451.4	452.2	452.1	452.2	452.0
5.6 / 46.61	4.8 / 23	4.9	4.8 / 23	5.0 / 46.61
451.83	451.71	451.50	451.20	450.99
5.14 / 100	5.26 / 50	5.47	5.77 / 50	5.98 / 100
451.17	451.11	450.97	450.60	450.39
5.80 / 100	5.86 / 50	6.04	6.37 / 50	6.58 / 100
451.95	451.41	451.51	451.27	450.78
5.02 / 100	5.16 / 50	5.46	5.70 / 50	6.19 / 100

Ld. C.T.

456.97

See Pages 39 & 42 for change of "A" line

3+00				
+50				
2+00				
T.P.	0.62	444.77	12.82	444.15
+75				
+50				
1+00				
		456.97		

E

441.3	438.6	435.9	431.8	428.5	426.8
3.5/40	6.2/20	8.9	13.0/20	16.3/40	18.0/60

446.0	442.4	439.0	434.6	432.6	433.3
+1.2/40	2.4/20	5.8	10.2/20	12.2/40	11.5/60

444.8	442.2	438.3	437.6	438.3	441.4
0.0/40	2.6/20	5.5	7.2/20	6.5/40	3.4/60

444.77

448.0	445.3	442.2	439.7	442.0	446.2
9.0/55	11.7/40	14.8/20	17.3	15.0/20	10.8/40

446.0	444.5	442.0	442.8	446.6	448.2
11.0/50	12.5/40	15.0/20	14.2	10.4/20	8.8/40

446.8	445.4	447.1	448.6	449.7	450.4
10.2/60	11.6/40	9.9/20	8.4	7.3/20	6.6/40

456.97

See P. 39 to 42 for change of "A" line

4 + 10

3 + 88 Culv. at 90°

+ 7.5

3 + 60

T.P. 1.92 433.93 12.76 432.01

3 + 20

444.77

425.9	424.7	433	423.4	433.8	422.8	422.7
8.0/60	9.2/40	9.6/20	10.5	11.1/20	11.1/40	11.2/70
425.6	425.7	423.9	423.0	422.7	422.3	420.8
8.3/60	9.2/40	10.0/20	10.9	11.2/20	11.6/40	13.1/70
427.9	426.2	425.8	424.7	424.0	422.3	421.1
6.0/55	6.7/40	8.1/20	9.2	9.9/20	11.6/40	12.8/70
430.8	430.1	428.6	427.2	425.2	422.8	422.5
3.1/50	3.8/40	5.3/20	6.7	8.7/20	11.1/40	11.4/60

433.93

437.4	436.3	434.6	429.1	426.2	423.6
7.4/40	8.5/20	10.2	14.7/20	18.6/40	21.2/65

444.77

Indexed
C.S.K.

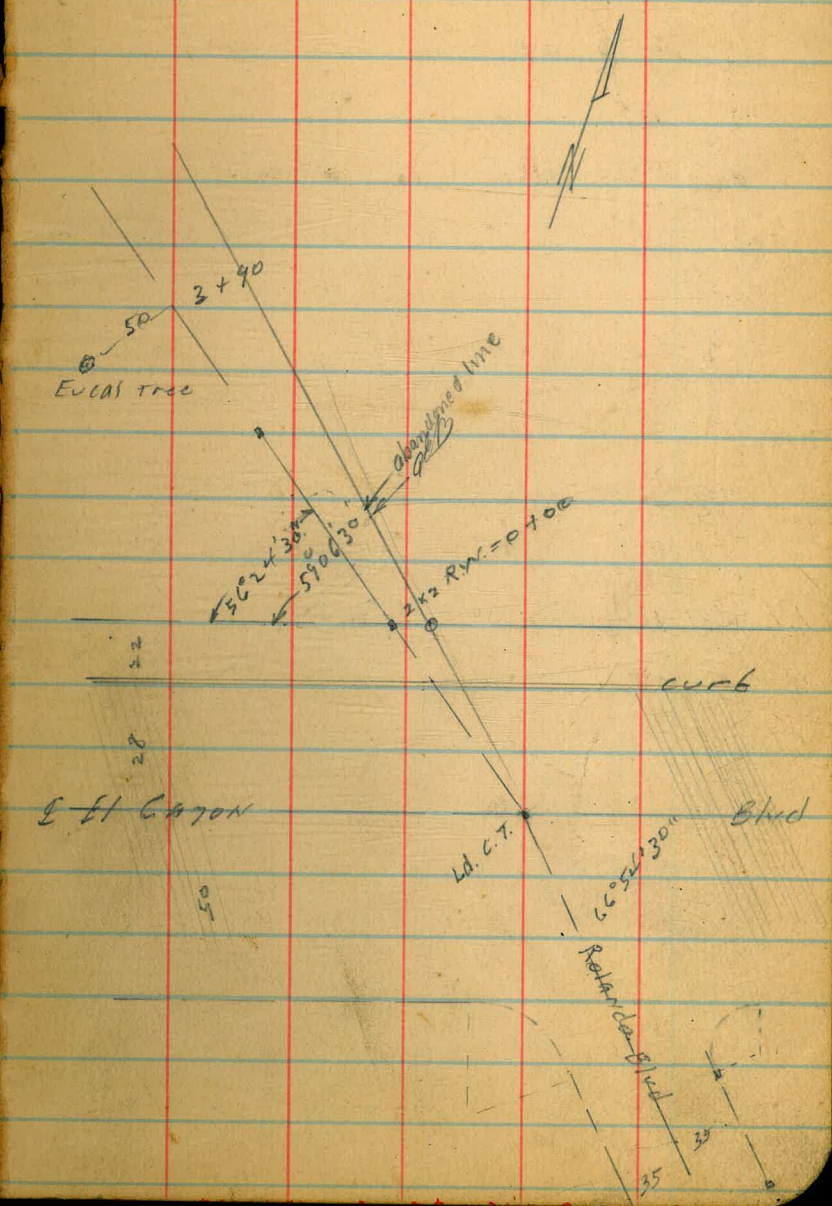
Mission Valley Rd.

"A" Line change from P 33
80' wide
El Cajon & Rolando Blvd N wly
to STA 27+00 See 1497-53

P.O.T. 1x1 3+00

0+00 2x2 Hub
0 - 26.41 = curb

0 - 60.02 Ld + C.T



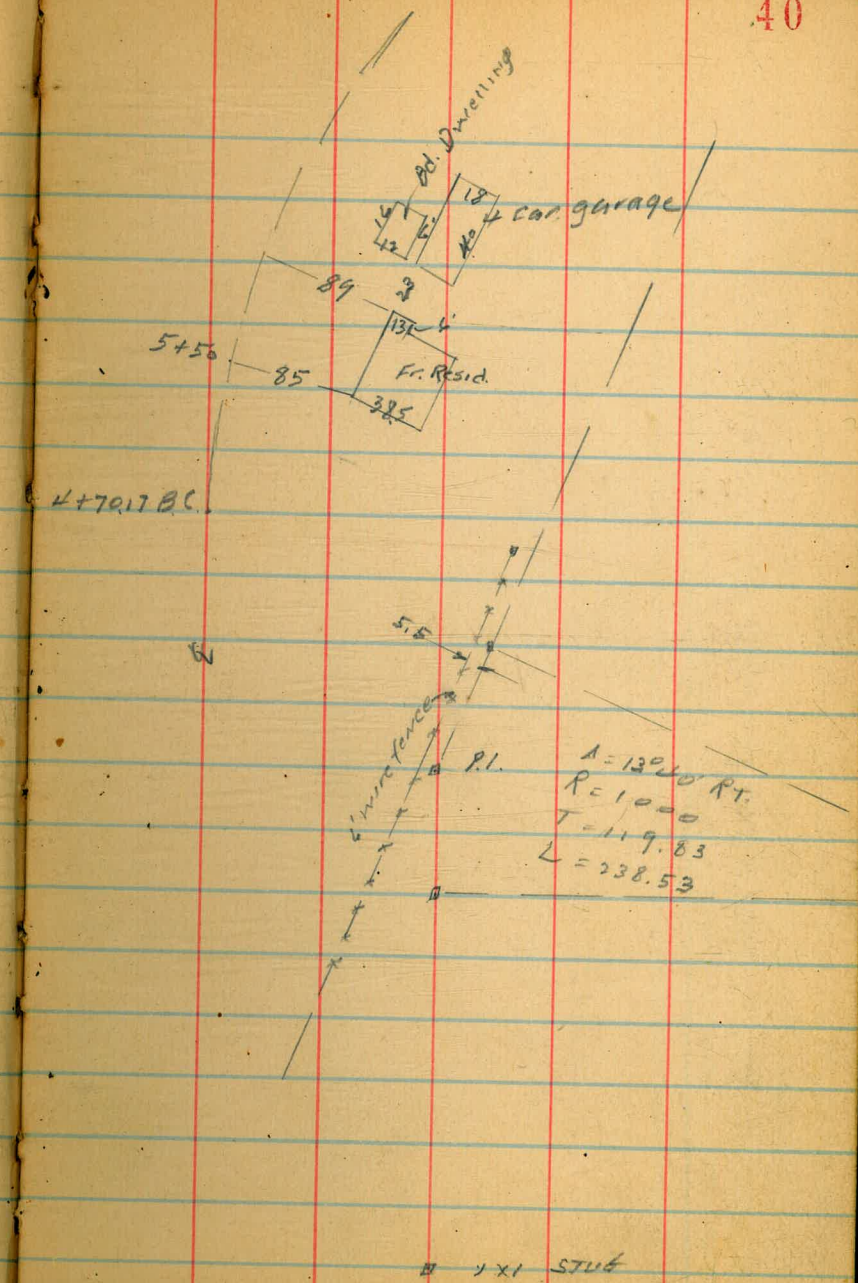
E.C. 7+08.70

P.I. 5+90 2 x 2 R.W.

B.C. 4+70.17

3+00 P.O.T.

	6° 50.0
7	6° 35.08
+50	5° 09.09
6	3° 03.15
+50	2° 17.21
5	0° 51.27



16 + 71.42 E.C. = 23 + 28.50 E.B. 1497 P 52

Δ = 39° 25' Lt.

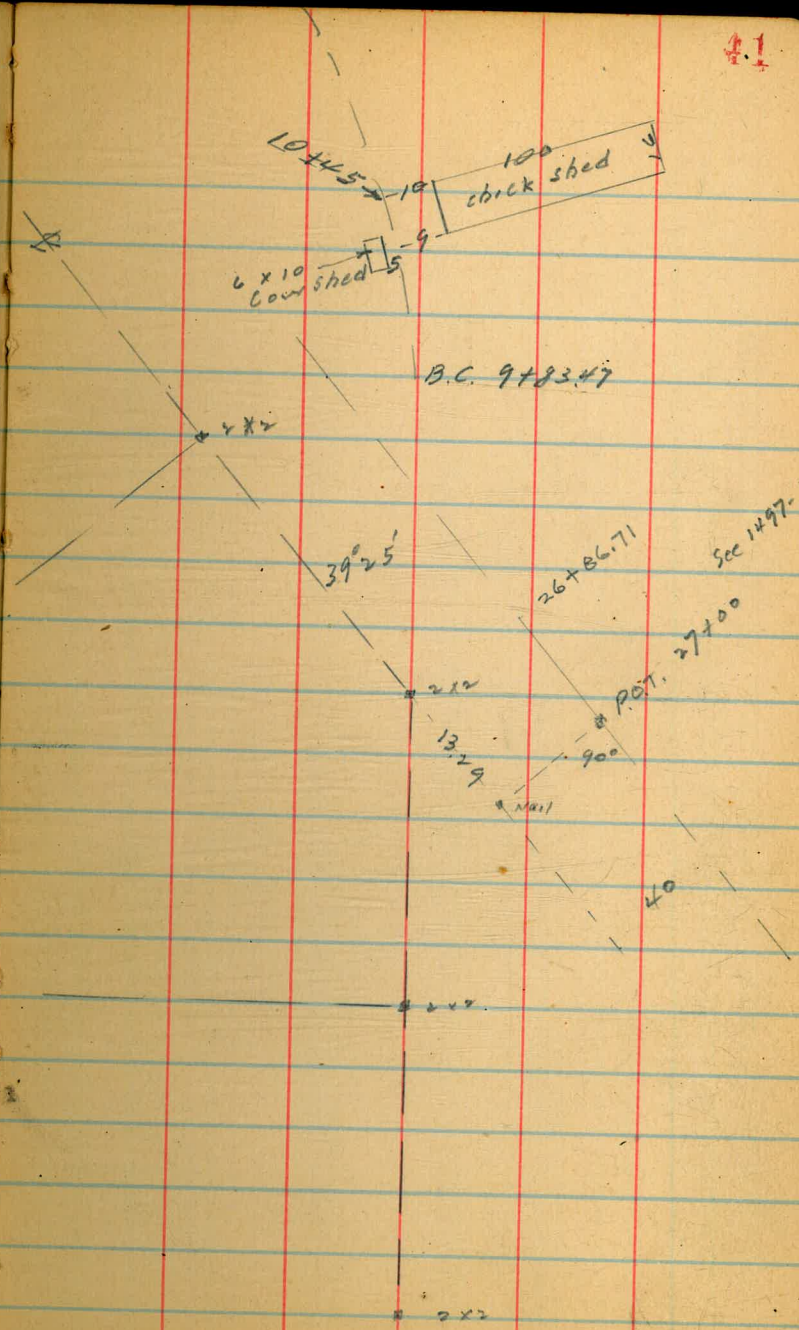
D 1000

P.I. 13 + 41.68 T 358.21

L 687.95

9 + 83.47 B.C.L.T.

7 + 08.70 E.C.



Levels on "A" change of Line

Mission Valley Rd.

El Cajon & Rolando Blvd. Nly to old Line near Sta 27+00

F.B. 1497-53

	LT			℄		RT	
2		448.0 6.0/40	444.2 9.8/20	441.0 13.0	438.2 15.8/20	437.6 16.4/40	438.5 15.5/50
+75	447.4 6.6/40	445.4 8.4/35	443.6 10.4/20	440.7 13.3	439.5 14.5/10	439.8 14.2/20	443.0 11.0/40
+50	447.2 6.8/50	446.1 7.9/40	443.0 11.0/20	442.0 12.0/10	441.8 12.2	444.3 9.7/20	447.1 6.9/40
1	446.4 7.6/50	445.5 8.5/40	446.1 7.9/20	448.1 5.9	449.2 4.8/20	450.0 4.0/40	
0+50	448.1 5.9/50	449.1 4.9/40	450.4 3.6/20	451.5 2.5	451.7 2.3/20	451.5 2.5/40	

Ploted 10/17/39 C.B.H.

SWBP 1.51 453.97 El Cajon 452.46 Rolando

453.97 ✓

See P 36 for Levels on cb. + Pav.

+85 Cu/v. 90°

+70

T.P. 4.89 434.25 12.68 429.36

+40

3 P.O.T.

+75

T.P. 0.53 442.04 12.46 441.51

2 +50

453.97

LT			℄	RT		
428.6	425.8	425.8	423.9	423.1	422.8	422.1
5.7 / 60	8.5 / 40	8.5 / 20	10.4	11.2 / 20	11.5 / 40	12.2 / 75
428.0	425.5	428.1	427.2	425.9	424.7	423.8	422.4
6.3 / 60	8.8 / 50	6.2 / 40	7.1 / 20	8.4	9.6 / 20	10.5 / 40	11.9 / 75

434.25 ✓

435.7	434.4	432.3	429.2	425.9	422.4
4.3 / 40	7.4 / 20	9.7	12.8 / 20	16.1 / 40	19.6 / 75
443.6	440.9	438.0	435.0	431.3 - 425.9	
+ 1.6 / 40	1.1 / 20	4.0	7.0 / 20	10.7 / 40	16.1 / 70
447.6	444.1 - 440.7	437.4	432.1	429.9	
+ 5.6 / 40	+ 2.1 / 20	1.3	4.6 / 20	9.9 / 40	12.1 / 60

442.04 ✓

448.2	444.9	442.0	438.0	- 433.6 - 432.6	
5.8 / 40	9.1 / 20	12.0	16.0 / 20	20.4 / 40	21.4 / 55

453.97 ✓

T.P.	10.57	456.84	0.14	446.29
5				
✓ +70.17 B.C. RT. H.W. G				
T.P.	12.35	446.45	0.15	434.10
+40				
+15				
✓				
		434.25		

LT ℄ RT

439.8	438.1	439.1	439.8	440.3	440.7	441.4
6.7/45	8.4/30	7.4/20	6.7	6.2/20	5.8/40	5.1/50
434.5	433.7	434.0	435.0	435.8	436.0	436.5
12.0/50	12.8/40	12.5/20	11.48	10.7/20	10.5/40	10.0/55

446.45 ✓

429.8	430.2	429.7	429.6	429.5	429.8	430.2
4.5/50	4.1/40	4.6/20	4.7	4.8/20	4.5/40	4.1/60
428.9	428.9	427.8	425.3	425.1	424.9	424.7	424.2	425.6
5.4/60	5.4/50	6.5/40	9.0/30	9.2/20	9.4	9.6/20	9.1/40	8.7/65
428.8	428.3	426.0	424.9	423.9	423.3	423.1	422.3
5.5/60	6.0/50	8.3/40	9.4/20	10.4	11.0/20	11.2/40	12.0/75

434.25 ✓

℄

+50	452.4	452.5	452.4	452.7	452.8		
	4.5/40	4.4/20	4.5	4.2/20	4.1/40		
7+08.70 EC	451.7	452.0	452.3	452.6	452.9		
	5.2/40	4.9/20	4.59 Hub	4.3/20	4.0/40		
+50	450.9	451.6	451.9	452.4	452.6		
	6.0/40	5.3/20	5.0	4.5/20	4.3/40		
6	450.0	450.5	451.0	451.3	451.7		
	6.9/40	6.4/20	5.9	5.6/20	5.2/40		
5+50	446.9	447.4	446.1	446.1	446.5	448.4	449.1
	10.0/40	9.5/27	10.8/22	10.8	10.4/20	8.5/40	7.8/50
5+40	446.1	446.5	444.8	443.9	445.7	447.7	448.7
	10.8/40	10.4/30	12.1/20	13.0	11.2/20	9.2/40	8.2/50

456.86

456.86 ↓

℄

+50

9

+50

+35

+26

+12 on ℄ o/l rd.

8

456.84

℄

450.8	449.6	448.1	447.5	446.9
4.1/40	7.3/20	8.8	9.4/20	10.0/40
451.4	450.3	449.4	449.2	448.9
5.5/40	6.6/20	7.5	7.7/20	8.0/40
451.9	450.9	450.7	450.5	450.4
5.0/40	6.0/20	6.2	6.4/20	6.5/40
452.2	451.7	451.4	451.2	451.2
4.7/40	5.2/20	5.5	5.7/20	5.7/40
453.1	453.0	453.0	452.7	452.7
3.8/40	3.9/20	3.9	4.2/20	4.2/40
453.6	453.5	453.5	453.4	453.4
3.3/40	3.4/20	3.4	3.5/20	3.5/40
453.8	453.2	453.1	453.0	453.1
3.6/40	3.7/20	3.8	3.9/20	3.8/40

456.86 ✓

	LT	℄	RT		
	453.7	453.4	452.6	452.2	451.8
	4.8/40	5.1/20	5.9	6.3/20	6.7/40
	452.5	452.1	451.9	451.3	450.5	449.9
	6.0/40	6.4/20	6.6	7.2/20	8.0/40	8.6/50
	451.5	450.8	450.2	449.0	447.8	447.0
	7.0/40	7.7/20	8.3	9.5/20	10.7/40	11.5/50
	449.6	449.2	447.2	445.9	444.8	444.3
	8.9/40	9.3/20	11.3	12.6/20	13.7/40	14.2/50
			458.54 ✓			
	449.2	448.1	446.8	444.9	443.9	442.8
	7.7/40	8.8/20	10.7	12.0/20	13.0/40	13.7/50
	450.3	448.8	447.7	446.5	446.2
	6.6/40	8.1/20	9.2	10.4/20	10.7/40
			456.86 ✓		

+50				
12				
+50				
11				
T.P.	11.65	458.54	9.97	446.89
10 +50				
9 + 83.47 BC LT				
	456.86			

+50

15

+50

14

+50

13

458.54

453.7	452.8	452.8	452.2	451.8
4.8/40	5.1/20	5.7	6.3/20	4.7/40
454.1	453.2	453.2	453.1	452.7
4.4/40	5.3/20	5.3	5.4/20	5.8/40
454.0	454.1	453.9	453.7	453.5
4.5/40	4.4/20	4.6	4.8/20	5.0/40
454.7	454.5	454.4	454.0	453.5
3.8/40	4.0/20	4.1	4.5/20	5.0/40
455.2	454.9	454.5	453.8	453.3
3.3/40	3.6/20	4.0	4.7/20	5.2/40
454.9	454.3	454.0	453.4	452.6
3.6/40	4.4/20	4.5	5.1/20	5.9/40

458.54

7.08 451.46 451.60 = ground N.L. old Survey Sta 27+00

16 + 71.44 E.C.

453.4	453.2	453.5	453.5	453.5
5.1/40	5.8/20	5.03 HW 6	5.0/20	5.5/40

+50

453.7	454.1	453.7	453.4	452.6
4.8/40	4.4/20	4.8	5.1/20	5.9/40
454.3	453.7	452.9	452.5	451.2
4.4/40	4.8/20	5.6	6.0/20	7.3/40

16

458.54

458.54 ✓

Survey Mission Valley Rd.
"B" Line

$\Delta = 17°10'$ LT

5+50 = P.I. 2x2 R = 1500

T = 226.40

L = 449.42

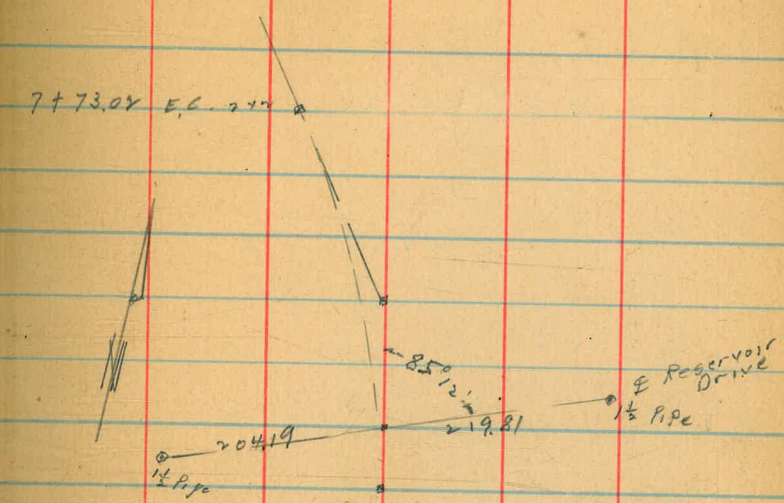
3+62.61 = ℄ INT. 1.1459

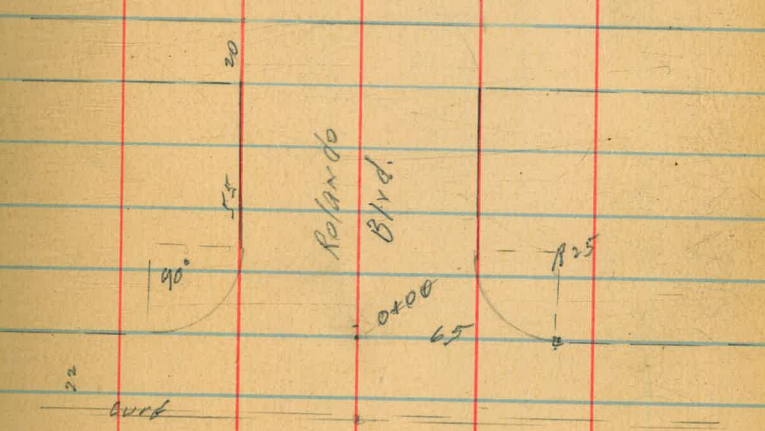
3+23.60 B.C. LT. 2x2

0+00 = Nly El Cajon Ave.

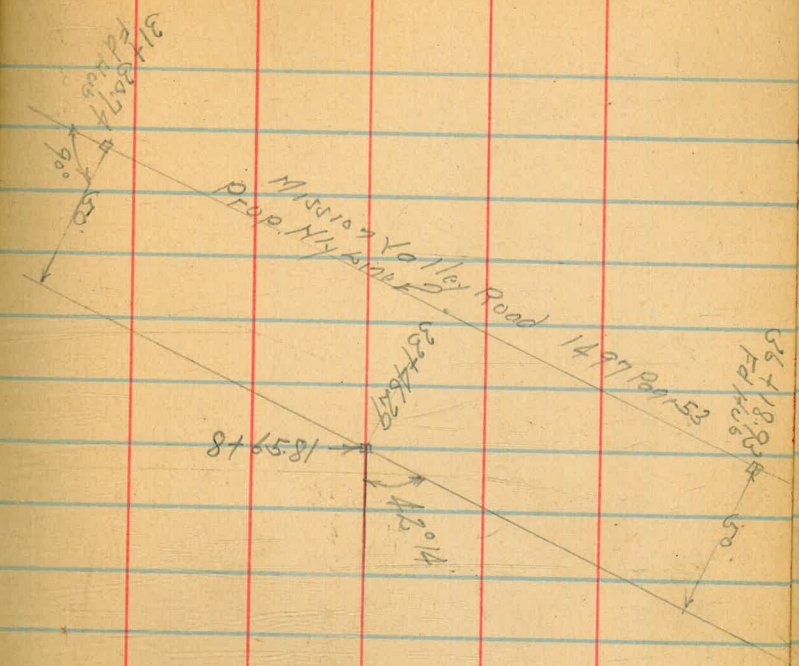
INDEXED
EFB

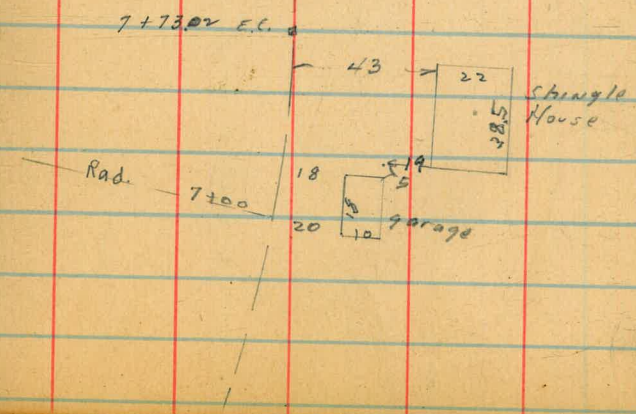
1/27/40





El Cajon Ave.


Mission Valley Road 1497 Pour 53
Prop. Hy Line
8+65.81
42°14'
90°
50
50


7+73.02 E.C.
43
22
Shingle House
38.5
Rad.
7+00
18
19
5
20
10
garage

"B" Line Mission Valley Road
℄ Levels

B.M.	1.94	454.40		452.46	S.W.B.P. El Cajon Rolando
	0-22 = N Cb El Cajon				
W Top Cb			3.03		
W Gutter			3.60		
℄ Top Cb			3.25		
℄ Gutter			3.82		
E Top Cb			3.42		
E Gutter			4.02		
0+0 = N L El Cajon			3.6		
+50			5.6		
1+0			10.9		
TP	0.52	442.35	12.57	441.83	
+50			2.8		
+75			4.2		
2+0			7.4		
+25			10.0		
+50			12.8		
TP	0.40	429.67	13.08	429.27	

INDEXED
EFB

1/27/40

Jan 26-40 52
Sisson
Northern
Osborne

		429.67			
2+65			1.8		
3+0			6.3		
+23.60 = B.C. Lt			9.53		on Hub
+50			12.3		
TP	12.91	429.79	12.79	416.88	
+63			15.0		
+96 = Bottom Gulch			17.7		
4+25			14.4		
+50			9.8		
+75			5.1		
5+0			0.3		
TP	12.47	442.01	0.25	429.54	
+25			9.5		
+50			5.0		
+75			0.9		
TP	12.41	454.17	0.25	441.76	
6+0			9.6		
+15			6.7		
+50			4.2		

		454.17			
7+0			2.7		
+50			2.6		
+73.02 = E.C.			2.60		on Hub
8+0			2.6		
+45 = Appox ℄ Cotoctin Dr.			2.1		
+65.81 = 33+46.29			3.1		
on 36+18.93 H.L. Pot			4.94	449.23	1497 P 73 449.36

(For Levels Bet Laurel + Ivy see FB-1589)

INDEXED
EEB

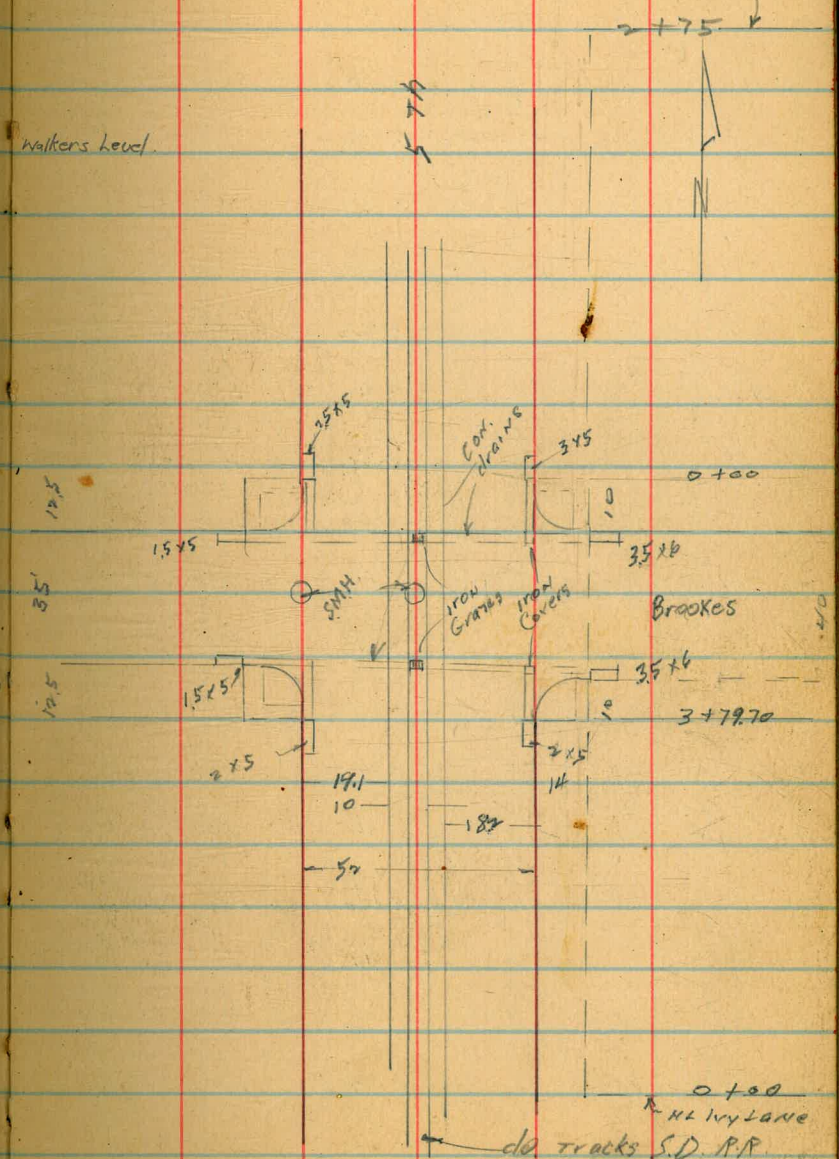
Levels on Paving — Moore 7-19-60.

on 5th St at Brookes
for re-surfacing

see F.B. 1589-28 for Walkers Level.

N in BP	4.92	284.83	279.91	5th & Brookes
0+00 N of Ivy Lane				
E cb		2.81	282.02	
gut		3.53	281.30	
+9		2.94	281.89	
rail		2.76	282.07	
"		2.72	282.11	
"		2.71	282.12	
"		2.73	282.10	
+9.5		2.81	282.02	
gut		3.13	281.70	
W cb		2.62	282.21	
0+25				
W cb		2.72	282.11	
gut		3.26	281.57	
+9.5		2.98	281.85	

Notes Red. 7/22-60 C.B.H.



284.83

rail	2.88	281.95
"	2.90	281.93
"	2.89	281.94
"	2.93	281.90
+9	3.22	281.61
out	3.70	281.13
E cb	3.14	281.69
0+50		
E cb	3.14	281.69
out	3.71	281.12
+9	3.32	281.51
rail	3.18	281.65
"	3.14	281.69
"	3.17	281.66
"	3.17	281.66
+9.5	3.16	281.67
out	3.48	281.35
web	2.92	281.91

284.83

0+75		
web	3.05	281.78
out	3.45	281.18
+9.5	3.28	281.55
rail	3.31	281.52
"	3.35	281.48
"	3.33	281.50
"	3.34	281.49
+9	3.57	281.26
out	4.12	280.71
E cb	3.63	281.20
1+00		
E cb	3.81	281.02
out	4.33	280.50
+9	3.75	281.08
rail	3.52	281.31
"	3.52	281.31
"	3.54	281.29
"	3.52	281.31
+9.5	3.53	281.30

	284.83	
out	3.85	280.98
W cb	3.28	281.55
1+25		
W cb	3.40	281.43
out	3.98	280.85
+ 9.5	3.70	281.13
rail	3.75	281.08
"	3.72	281.11
"	3.68	281.15
"	3.69	281.14
+ 9	4.02	280.81
out	4.62	280.21
E cb	4.20	280.63
1+50		
E cb	4.25	280.58
out	4.67	280.16
+ 9	4.14	280.69
rail	3.87	280.96
"	3.85	280.98
"	3.90	280.93

	284.83	
rail	3.88	280.95
+ 9.5	3.79	281.04
out	4.21	280.62
W cb	3.66	281.17
1+75		
W cb	3.73	281.10
out	4.34	280.49
+ 9.5	4.01	280.82
rail	4.04	280.79
"	4.05	280.78
"	4.05	280.78
"	4.07	280.76
+ 9	4.28	280.45
out	5.04	279.79
E cb	4.60	280.23
2+00		
E cb	4.67	280.16
out	5.20	279.63
+ 9	4.57	280.26
rail	4.20	280.63

	284.83		
rail	4.20	280.63	
"	4.22	280.61	
"	4.22	280.61	
+9.5	4.31	280.52	
gut	4.56	280.27	
W cb	3.94	280.89	
2+25			
W gut	4.67	280.16	
+9.5	4.42	280.41	
rail	4.37	280.46	
"	4.37	280.46	
"	4.34	280.49	
"	4.37	280.46	
+9	4.65	280.18	
gut	5.27	279.56	
E cb	4.81	280.02	
2+50			
E cb	4.89	279.94	
gut	5.35	279.48	
+9	4.77	280.06	

	284.83		
rail	4.54	280.29	
"	4.52	280.31	
"	4.55	280.28	
"	4.58	280.25	
+9.5	4.67	280.16	
gut	4.93	279.90	
W cb	4.23	280.60	
2+45			
W cb	4.24	280.59	
gut	4.99	279.84	
+9.5	4.83	280.00	
rail	4.71	280.12	
"	4.73	280.10	
"	4.71	280.12	
"	4.72	280.11	
+9	5.07	279.76	
gut	5.60	279.23	
E cb	4.99	279.84	
2+80			
W cb	3.97	280.86	

284.83

2+80		
W gut	4.74	280.09
+9.5	4.86	279.97
W rail	4.75	280.08
3+00		
E cb	5.15	279.68
gut	5.80	279.03
+9	5.26	279.57
rail	4.90	279.93
"	4.88	279.95
"	4.92	279.91
"	4.94	279.89
+9.5	4.94	279.89
gut	5.22	279.61
W cb	4.56	280.27
3+25		
W cb	4.72	280.11
gut	5.34	279.49
+9.5	5.09	279.74
rail	5.08	279.75
"	5.08	279.75

284.83

rail	5.09	279.74
"	5.09	279.74
+9	5.52	279.31
gut	5.98	278.85
E cb	5.39	279.44
3+50		
E cb	5.60	279.23
gut	6.21	278.62
+9	5.69	279.14
rail	5.29	279.54
"	5.28	279.55
"	5.30	279.53
"	5.31	279.52
+9.5	5.28	279.55
gut	5.52	279.31
W cb	4.96	279.87
3+74.7		
W cb	5.08	279.75
gut	5.76	279.07
+2	5.82	279.01

28483

3+74.7		
E cb	5.80	279.03
out	6.43	278.40
+2	6.56	278.27
3+79.4		
E cb	5.97	278.86
out	7.02	277.81
+2	7.01	277.82
+2.1	5.94	278.89
W cb -.21	5.12	279.71
" -2	6.25	278.58
out	6.21	278.62
W cb	5.17	279.66
T.P. 40.4	283.95 49.2	279.91
3+79.7 = SL Brookes		
W cb + Pav.	4.24	279.71
+9.5	4.48	279.47
rail	4.60	279.35

28395

rail	4.56	279.39
"	4.53	279.42
"	4.56	279.39
+9	4.84	279.11
E cb & Pav.	5.06	278.89
S cb		
EL - 6 F.L.	6.50	277.45
" - 0.10 "	6.36	277.59
EL cb & pav	5.22	278.73
E cb pav.	5.00	278.95
+9	4.86	279.09
rail	4.60	279.35
"	4.60	279.35
"	4.58	279.37
"	4.63	279.32
+9.5	4.37	279.58
cb Pav	4.18	279.77
WL cb & pav	4.15	279.80
+0.1 EL	5.27	278.68
" cb	4.25	279.70

283.95

WL +5 cb	4.19	279.76
" " gut	4.99	278.96
" +10 cb	4.14	279.81
" " gut	4.82	279.13
S cb +1.5		
-5	4.96	278.99
-0.1	5.28	278.67
WL pav.	4.11	279.84
S cb +3		
E.L. pav	5.13	278.82
+0.10	6.35	277.60
+6	6.54	277.41
℄ Brookes		
E.L.	5.00	278.95
cb	5.09	278.86
+9	4.85	279.10
rail	4.63	279.32
"	4.61	279.34
"	4.60	279.35
"	4.59	279.36

283.95

+9.5	4.42	279.53
cb	4.28	279.67
WL	4.14	279.81
N cb Brookes -1.5		
WL -5	4.96	278.99
" -0.10	5.33	278.62
" pav	4.19	279.76
N cb Brookes -3.5		
E L Pav	5.25	278.70
" +0.10	6.38	277.57
" +6	6.61	277.34
N cb line Brookes		
-6	6.56	277.39
-0.10	6.45	277.50
E L Pav	5.22	278.73
cb "	5.11	278.84
+9	4.85	279.10
rail	4.66	279.29
"	4.63	279.32
"	4.63	279.32

283.95

rail	4.61	279.34
+ 9.5	4.39	279.56
cb Par	4.22	279.73
WL	4.17	279.78
+ 0.10	5.39	278.56
+ 5 cb	4.19	279.76
" qut	4.96	278.99
+ 10 cb	4.16	279.79
" qut	4.75	279.20
0+00 = NL Brooks		
W cb	4.12	279.83
" qut	5.27	278.68
+ 2.5 "	5.30	278.65
+ 2.4 Par	4.10	279.85
+ 9.5	4.40	279.55
rail	4.59	279.36
"	4.60	279.35
"	4.59	279.36
"	4.62	279.33
+ 9	4.90	279.05

283.95

rail + 15 Par.	5.19	278.76
" " Ed	4.24	277.69
E qut	6.23	277.72
E cb	5.24	278.71
0+05		
E cb	5.10	278.85
" qut	5.70	278.25
+ 3	5.72	278.23
W cb - 2.5	4.72	279.23
qut	4.78	279.17
W cb	3.87	280.08
0+25		
W cb	4.06	279.89
qut	4.74	279.21
+ 9.5	4.57	279.43
rail	4.56	279.39
"	4.56	279.39
"	4.59	279.36
"	4.64	279.31
+ 9	4.99	278.96

283.95

out	5.68	278.27
E cb	5.12	278.83
0+50		
E cb	5.05	278.90
out	5.56	278.39
+9	4.89	279.07
rail	4.57	279.38
"	4.54	279.41
"	4.46	279.49
"	4.45	279.50
+9.5	4.48	279.47
out	4.68	279.27
W cb	4.06	279.89
0+75		
W cb	4.16	279.79
out	4.47	279.28
+9.5	4.50	279.45
rail	4.33	279.62
"	4.33	279.62
"	4.45	279.50

283.95

rail	4.49	279.46
+9	4.89	279.06
out	5.55	278.40
E cb	4.98	278.97
1+00		
E cb	4.84	279.11
out	5.35	278.60
+9	4.76	279.19
rail	4.62	279.33
"	4.48	279.47
"	4.28	279.67
"	4.24	279.71
+9.5	4.35	279.60
out	4.55	279.40
W cb	4.03	279.92
1+25		
W cb	4.05	279.90
out	4.54	279.41
+9.5	4.37	279.58
out 14.5	4.45	279.50

283.95

rail	4.34	279.61
"	4.43	279.52
"	4.62	279.33
"	4.76	279.19
+9	4.98	278.97
gut	5.34	278.61
E cb	4.69	279.26
1+50		
E cb	4.62	279.35
gut	5.27	278.68
+9	4.80	279.15
rail	4.42	279.53
"	4.36	279.59
"	4.24	279.71
"	4.17	279.78
+4	4.35	279.60
+9.5	4.18	279.77
gut	4.25	279.70
W cb	3.47	280.28

283.95

1+75		
W cb	3.80	280.15
gut	4.32	279.63
+9.5	4.08	279.87
+14.5	4.18	279.77
rail	4.03	279.92
"	4.06	279.89
"	4.15	279.80
"	4.19	279.76
+4	4.49	279.46
+9	4.59	279.36
gut	5.09	278.86
E cb	4.43	279.52
1+85		
E cb	4.32	279.62
gut	4.93	279.02
+9	4.43	279.52
+14	4.41	279.54
rail	4.11	279.84

~83.95

~400		
E cb	4.73	279.72
out	4.85	279.10
+9	4.32	279.63
+14	4.24	279.71
rail	4.02	279.93
"	3.99	279.96
"	3.87	280.08
"	3.87	280.08
+4	4.02	279.93
+9.5	3.94	280.01
out	4.21	279.74
W cb	3.63	280.32
~425		
W cb	3.57	280.38
out	4.19	279.66
+9.5	3.89	280.06
+14.5	3.92	280.03
rail	3.79	280.16
"	3.81	280.14

~83.95

rail	3.88	280.07
"	3.85	280.10
+4	4.05	279.90
+9	4.10	279.85
out	4.82	279.13
E cb	4.15	279.80
~450		
E cb	3.99	279.96
out	4.54	379.41
+9	4.08	379.87
+14	3.95	380.00
rail	3.75	380.20
"	3.73	380.22
"	3.57	380.38
"	3.60	380.35
+9.5	3.71	380.24
out	4.06	379.89
W cb	3.57	380.38
~475 Anderson Pl.		
W cb	3.83	380.12

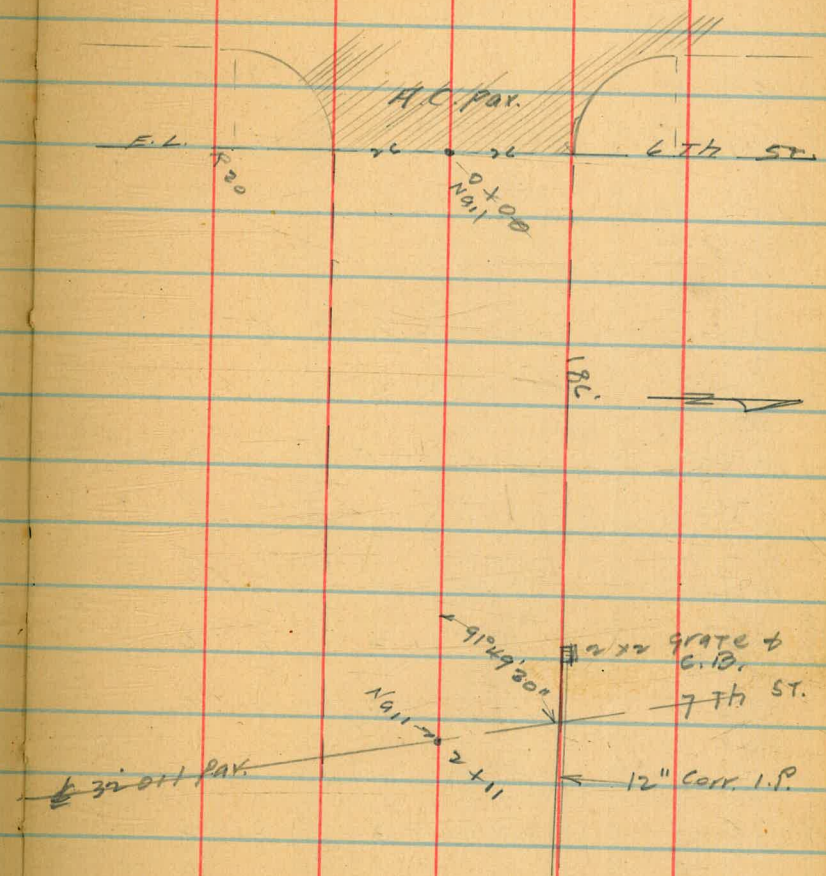
		283.95		
gvT		4.31	279.	64
+ 9.5		3.68	380	27
rail		3.50	380	45
"		3.48	380	47
"		3.55	380	40
"		3.54	380	41
+ 4		3.79	380	16
+ 9		3.87	380	08
gvT		4.45	379	50
E cb		3.84	380	11

Levels on Quince St.
6th to 7th 52' Roadway
for surfacing

NWBP	4.96	283.92		278.96	5th & Redwood
T.P. N.W. 7' C.T.	2.50	283.16	3.26	280.66	
	0-20				
S	Pav		4.18	278.98	
cb	"		3.80	279.36	
1/4	"		3.50	279.66	
c	"		3.26	279.90	
1/4	"		3.17	279.99	
cb	"		3.16	280.00	
N	"		3.07	280.09	
	0+00				
N cb			2.5 ?	280.6	
QUT	Pav		3.70	279.46	
1/4	"		3.49	279.67	
c	"		3.47	279.69	
1/4	"		3.69	279.47	
QUT	"		4.09	279.07	

Reduced 7-23-40 C.B.H.

Moore
7-19-40
INDEXED
EFB



283.14

S cb		3.3	279.9
	0+50		
S cb		4.7	278.5
gut		5.1	278.1
1/4		4.8	278.4
c		4.6	278.6
1/4		4.8	278.4
gut		5.3	277.9
N cb		4.5	278.7
	1+00		
N cb		5.6	277.6
gut		6.2	277.0
1/4		5.6	277.6
c		5.5	277.7
1/4		5.8	277.4
gut		5.9	277.3
S cb		5.4	277.8
	1+50		
S cb		6.0	277.2
gut		6.5	276.7

1/4		6.4	276.8
c		6.2	277.0
1/4		6.3	276.9
gut		6.7	276.5
N cb		6.1	277.1
	1+86		
			276.09
N cb	-2	7.07	2 x 2 iron grate
"	" F.L.	9.45	273.71 12" C.I. Pipe
1/4		6.6	276.6
c		6.5	276.7
1/4		6.6	276.6
S cb		6.9	276.3
	1+95 = W. edge oil Pav.		
S cb		6.79	276.37
1/4		6.60	276.56
c		6.58	276.58
1/4		6.73	276.43
N cb		6.85	276.31
	2+11 ℄ oil Pav.		
N cb		6.64	276.52

1/4	6.67	276.49
C	6.75	276.41
1/2	6.81	276.35
S cb	6.91	276.25
T.P. S.Cor Con. Box drain	7.08	276.08
N.W. Cor 7th & Quince		

Alley Blk 77 U.H. X Sec 1/6/26 [illegible]
Monroe to Mission

BM.	6.58	351.56 ✓		344.98	S.E. Monroe & Park Blvd
	00 = S. Line Monroe				
W			5.11	346.45	cmt cb
+1			5.4	46.2	
C			5.0	46.6	
E			4.86	46.70	cmt cb
	25' S				
E			4.9	46.7	
C			4.8	46.8	
W			5.8	45.8	
	60' S = garage on E 10.5 Back				
W			5.6	46.0	
C			4.7	46.9	
E			4.8	46.8	
	100' S				
E			4.9	46.7	
C			4.7	46.9	
+6			4.9	46.7	
W			6.5	45.1	
+5			6.6	45.0	

351.56

	140' W garage on W cmt floor 5.7 Back				
W-5.7			5.2	346.4	floor
W			5.4	46.2	
C			5.1	46.5	
E			5.4	46.2	
	165' S = double garage W. dirt 1.9 Back				
E			5.4	46.2	
C			5.2	46.4	
W			5.8	45.8	floor
	garage on E wood floor 0.4 Back				
185' S	" " W " " 2.8 "				
W-28			5.2	46.4	floor
W			5.8	45.8	
C			5.3	46.3	
E			5.2	46.4	
+0.4			4.9	46.7	floor
	2+12 garage on E dirt floor 2.8 Back				
E			5.4	46.2	floor
C			5.4	46.2	
W			5.9	45.7	

351.56

240's double garage on W cpt floor 3.3 Back
" " " " E dirt " 5.3 "

W-3.3	5.25	346.3	floor	
W	5.7	45.9		
C	5.4	46.2		
E	5.4	46.2	floor	

280's N.End 3 garages, on E dirt floor 6.1 Back

E-6.1	5.4	46.2	floor	

277's = S end 3 garages

E-6.1	5.3	46.3	floor	
E	5.3	46.3		
C	5.3	46.3		
W	5.9	45.7		

300's - double garage on W dirt floor 5.6 Back

W-5.6	6.1	45.5	floor	
W	6.0	45.6		
C	5.4	46.2		
E	5.6	46.0		

345's garage on W dirt floor 0.3 Back

E	5.4	46.2		
C	5.4	46.2		
W	5.6	46.0	floor	

351.56

T.P.	3.02	349.14 ✓	5.44	346.12 ✓

360's

W	3.1	346.0	
C	3.0	46.1	
+5	3.0	46.1	
+6	3.9	45.2	
+8	3.2	45.9	
E	3.0	46.1	

400's

E	3.5	45.6	
+3	4.3	44.8	
+5	3.4	45.7	
C	3.3	45.8	
W	3.5	45.6	

425's

W	3.9	45.2	
C	3.8	45.3	
5	4.0	45.1	
7	4.6	44.5	
E	4.0	45.1	

349.14

430' S on E } = N. line Mission
443' S " W }

E			4.56	344.58	cmt. cb.
E			4.75	44.39	paving
E			5.13	44.01	"
W			5.07	44.07	"
W			4.93	44.21	cmt cb N.W. Meade
chk BM			7.08	342.06 =342.01	+ Park Blvd

	1.19	20.18		18.99
	2.98	16.17	6.99	13.19
Rail 50' N. of A			5.99	
Rail N.L. A.			6.09	
80' E. of Rail N.L.A.			3.80	
40' N. of Last inside bldg.			3.20	
Rail S.L.A.			6.26	

1
1
8
3

ENGINEERING DEPARTMENT,
CITY OF EAST SAN DIEGO.
CALIFORNIA.

ENGINEERING DEPARTMENT,
CITY OF EAST SAN DIEGO.
CALIFORNIA.

EUGENE DIETZGEN CO.
MANUFACTURERS & IMPORTERS OF
DRAWING MATERIALS AND
SURVEYING INSTRUMENTS
NEW YORK, CHICAGO,
NEW ORLEANS & SAN FRANCISCO