D-26

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.

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B-26

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Made in U. S. A.

	4.59	7.01	2.42	S.M. B.P. Indian & Market St

Walker
Hardin
Hinley
Begg 2-28-46

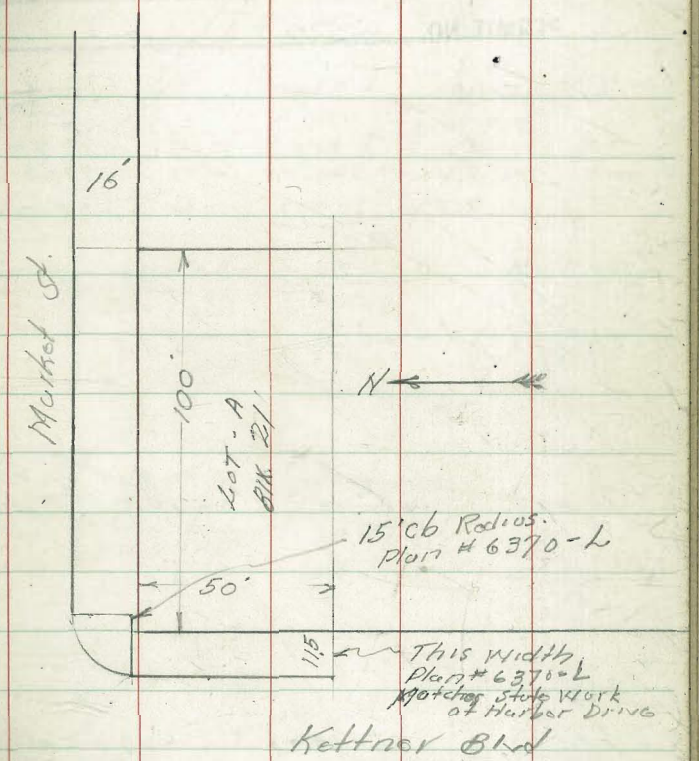
LOT A BLK. 21 ADD. NEW SAN DIEGO
OWNER. H. S. WASH. 302 N. Broadway
CONTR. L. B. BUTTERFIELD
PERMIT NO. 4546

Curb on Kettner

Station			E.L. Curb	Cuts & Fill
	7.01			
0-01 = E.C.	5.24	1.77	2.10	-0.33
0+00 = S.L. Market St	5.24	1.77	2.10	-0.33
+25	4.69	2.32	2.32	0.0
+50 = End	4.46	2.55	2.55	0.0

Curb on Market St.

E.C. on S.L. Mkt	5.24	1.77	2.10	-0.33
①	5.02	1.99	2.04	-0.05
②	4.99	2.02	1.98	+0.04
③ = E.C. = 3.5' E. E.L. line Kettner	5.08	1.93	1.92 ✓	0.0
0+00 = E.L. Kettner				
0+25	5.08	1.93	1.98	-0.05
+52	4.98	2.03	2.05	-0.02
+75 in Drive	5.34	1.67	2.11	0.44
1+00 = End	4.86	2.15	2.17	-0.02
BM set on Top Fire Plg. SE Kettner & MKt	2.03	4.98		



Stakes set 2' back C.b. face

Lot 16-17 Blk. 2 Add. Lexington Park

OWNER W.C. Vaughy 4390 Poplar

CONTR. C. B. Saunders

PERMIT NO. 4597

SE 3/4" Pipe Con.	3.93	293.07		289.14	Poplar Snowdrop
T.P.	8.16	296.05	5.18	287.89	
T.P.	7.22	302.50	0.77	295.28	
T.P.	9.87	309.77	2.60	299.90	

B.C.

303.14	303.80	~~303.90~~	~~303.92~~ = 1/2
6.63	5.97	303.93	304.00
5.86	5.72	5.19	5.12
C 0.77	C 0.25		

~~303.93~~	0+00 = E.C. ~~303.97~~	0+28.4 ~~304.49~~	0+56.79 ~~305.01~~ = Brk.
304.09	304.20	304.62	305.04
5.03	4.92	4.50	4.08

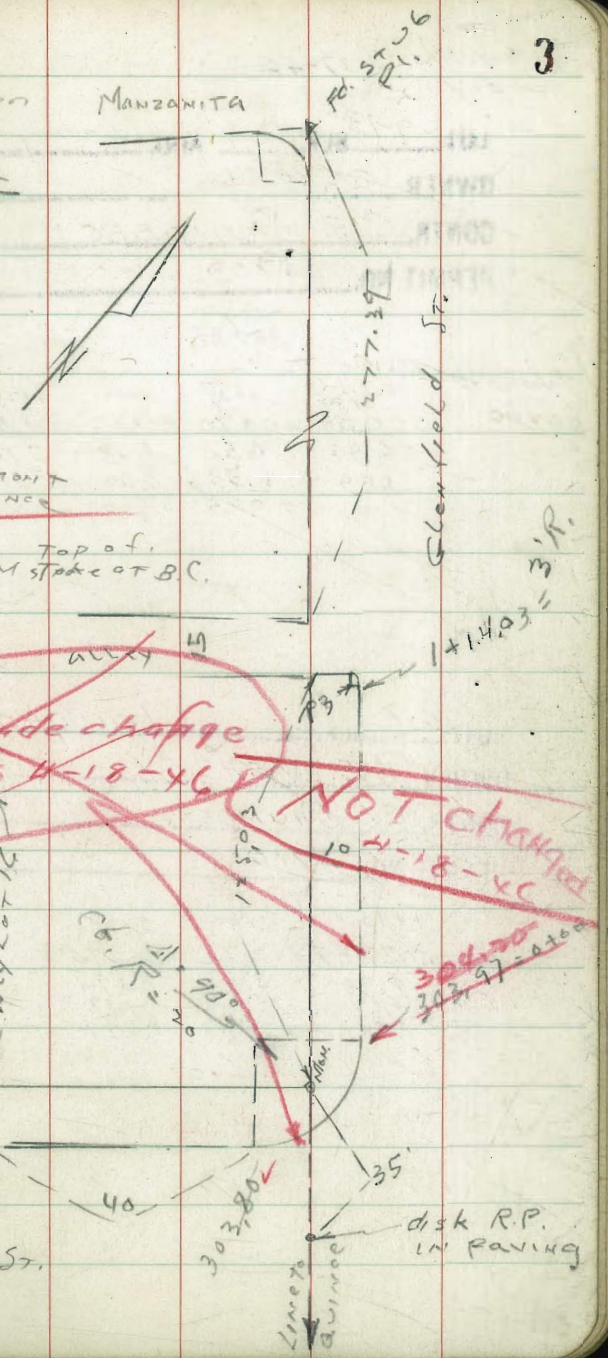
1+00	3' R. Slalley 1+14.03	~~306.01~~ = S.L. alley grade
~~305.66~~	~~305.87~~	306.01
305.67	305.88	

C. Moore
Seminar Meyer
W. Moore
Begg
4-2-46

309.77 = H.I.
10.17
299.60
3.85
303.45
6.23
297.22 = 297.19
0.03

SEBP Fairmont Quince

303.80
.25
304.05 = BM Top of stake at B.C.
5.07
309.12



Walker
Hendricks 4-17-46
Hunley

LOTS 9-13 BLK. 2 ADD. Lexington Park
OWNER C.E. Morton
CONTR. C.B. SAUNDERS
PERMIT NO. 4709

307.28

E Line Heather

	W.L. Lot 9 0+50	0+75	1+00	1+25	1+50	Blk. 1+718
=0+00	300.30	300.70	301.10	301.50	301.90	302.25
	6.98	6.58	6.18	5.78	5.38	5.03
	6.89	6.33	5.90	5.81	5.26	4.79
	+0.09	+0.25	+0.28	-0.03	+0.12	+0.24

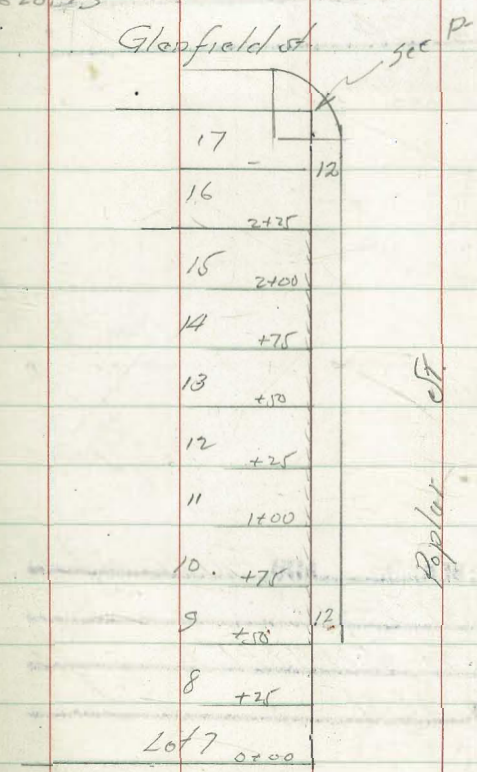
LOT 14-15 BLK. 2 ADD. Lexington Park
OWNER W.E. VEAZEY
CONTR. C.B. SAUNDERS
PERMIT NO. 4710

1+75	2+00	2+25
302.30	302.72	303.14
4.98	4.56	4.14
4.67	3.98	3.37
+0.31	+0.58	+0.77

B.M. on stake P-3

303.14
0.77 = cwt
303.91
3.37+
307.28 ±

E Line Lot 13
1+75
302.30



Heather St. 50

Walker
Hendricks
Hunley

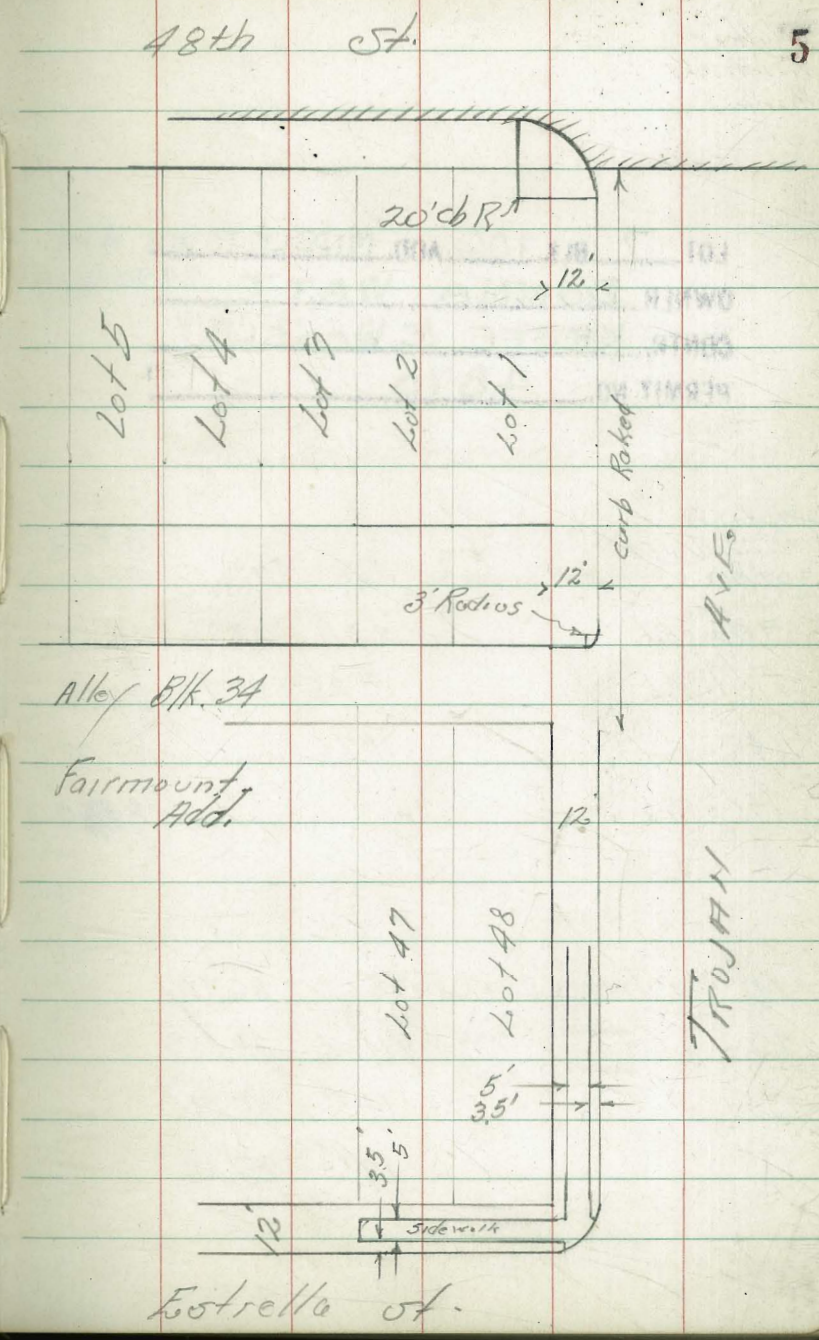
5-9-46

LOT 1-5 BLK. 34 ADD. Fairmount Add.
OWNER 4817 Trojan
CONTR. G.H. SHAFFER
PERMIT NO. 4634

Curb Raked

LOT 47-48 BLK. 34 ADD. Fairmount Add.
OWNER 4841-Trojan
CONTR. G.H. SHAFFER
PERMIT NO. 4631

Set stakes for Walk to fit exist curb



Walker
Hendricks
Hunley
Carey
6-15-46

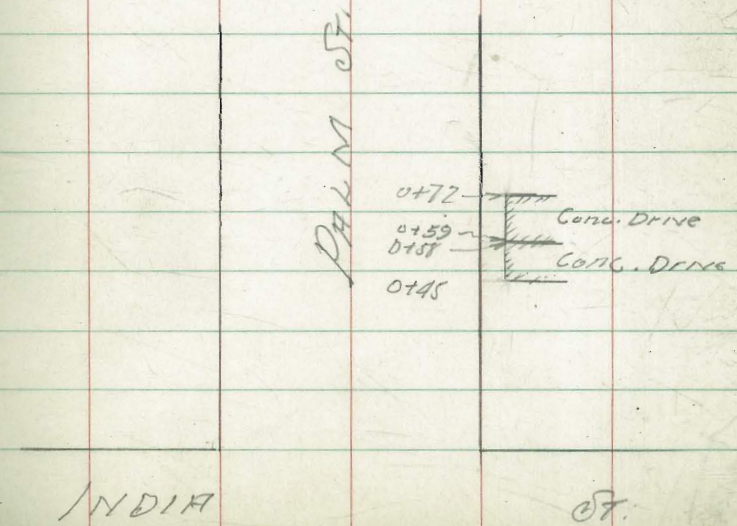
LOT 7 BLK. 106 ADD. MIDDLETOWN ADD.
OWNER DONNA WATT 2902 INDIA
CONTR. KEEFE & WOOSLEY
PERMIT NO. 4870

Station	99.41			
W.L. India St.				97.53
=0+00		1.85	97.56	~~98.00~~
+05 = Brk		2.31	97.10	97.10
+10 = Brk		3.25	96.16	96.16
+48 = End		11.76		87.65
+75 = Brk				81.60

<22.4%

0+45	4' N.N.L. on Drive	12.65	86.76
+58	4' " " "	14.06	85.35
+59	3.5' " " "	14.35	85.06
+72		16.25	83.16

B.M. S.E.B.P. OLIVE & INDIA = 100.96
2.47
103.43
4.26
FB.571-P-75
B.M. N.E.B.P. PALM & INDIA = 99.16 → 99.17
0.24
99.41



LOT 12 BLK. 15 ADD. La Mesa Colony
OWNER Lund
CONTR. August Gebert
PERMIT NO. 4896
14' sw. ~~with Stakes~~

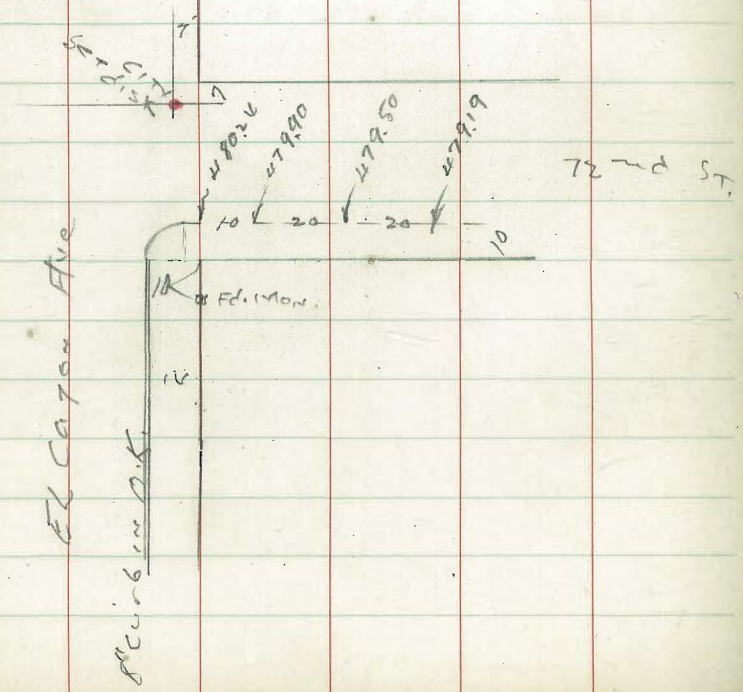
Curb in O.K.

no stakes needed

LOT 12 BLK. 15 ADD. La Mesa Colony
OWNER Lund
CONTR. August Gebert
PERMIT NO. 4897

Sw / C with stakes

C. Moore
Sam Mennemeyer
W. Moore
Begg
6-20-46



SwBP	3.61	484.07		480.46	EL Cajon 72nd St.
	480.24 / 3.83	479.90 / 4.17	479.50 / 4.57	479.19 / 4.88	

Stakes set 2' Back

Walker
Hendricks
Hunley
Carey
6-28-46

7 BLK. 106 ADD. MIDDLETOWN ADD
OWNER DONNA WATTS 2902 INDIA
CONTR. KEEFE & WOOLSEY
PERMIT NO. 4898 & 4907

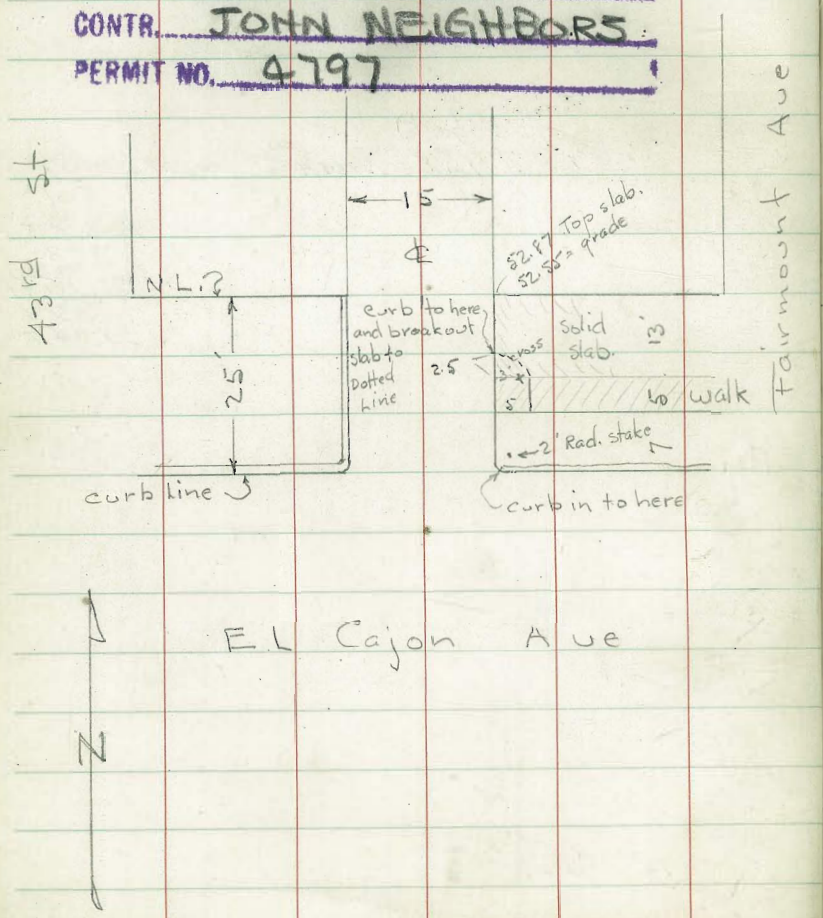
Station				
	91.24			
0+48 = End Exist cb. P.6 (chk)		3.53	87.71	87.65
0+75 = Brk		9.64	81.60	81.60
1+00 = End		14.81	76.43	76.43
1+25 = Brk ← 20.7%				71.25

Page 6
B.M. NE BP. INDIA AND PALM = 99.17
5.01+
104.18 π
13.03-
91.15 TP.
0.09+
91.24 π

7-9-46

Osborne
McCoy
Hardin
Waddel

LOT 19 E 20 BLK. F ADD. TERALTA
OWNER J. L. LEARNER
CONTR. JOHN NEIGHBORS
PERMIT NO. 4797



Stakes for cb. in Alley Ret. on E. Side

10

B.M.	0.52	358.25		357.73	
		Rod	El. stake	Grade	
2' Rad. stake		6.20	352.05	352.05	= end of Exist curb.
chisel cross 3' Back		6.04	52.21	352.26	F. 0.05

13' out from Prop. on N. edge of walk

5 Moore
Sommermeyer
W.M.
Bc99

7-24-46

PERMIT NO.
CONTR.
OWNER
LOT BLK. ADD.

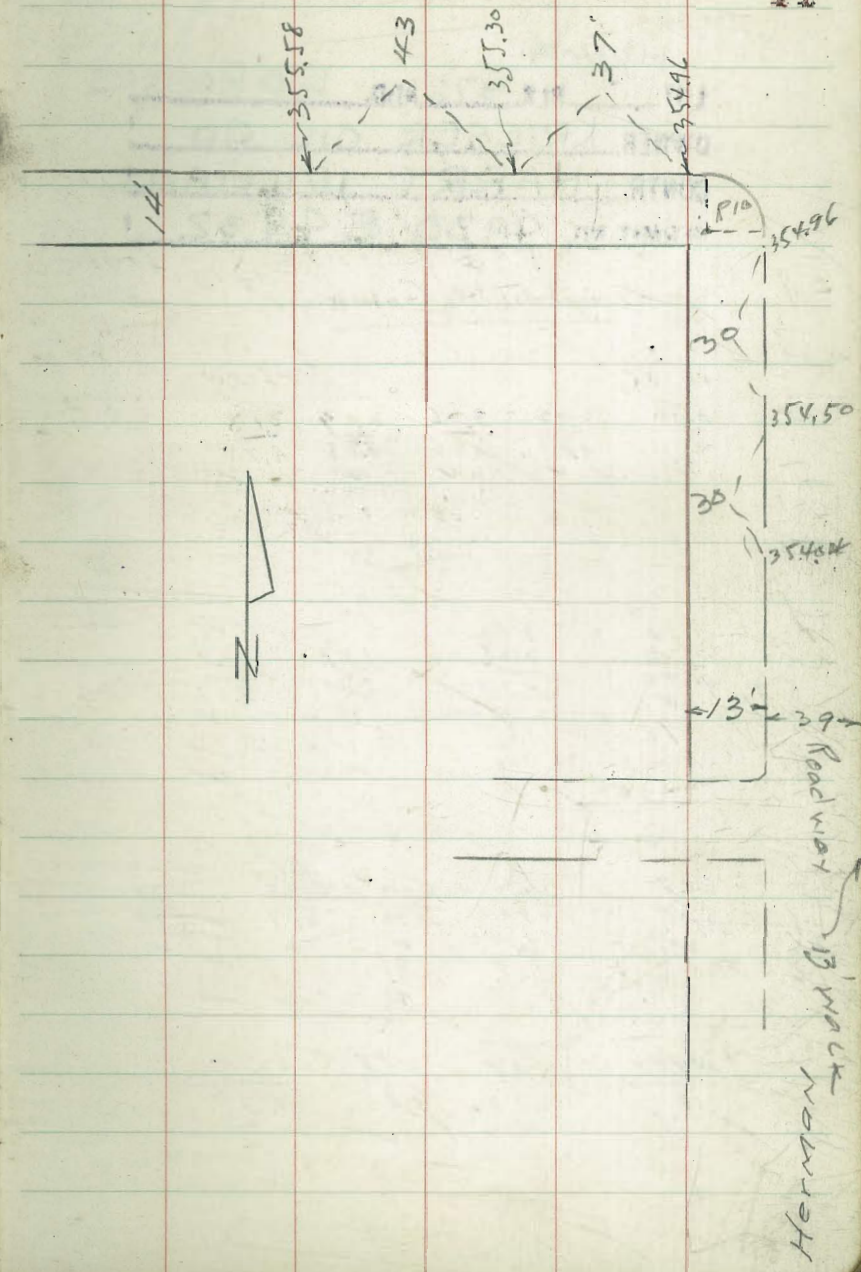
LOT 1-4 BLK. 3 ADD. HARTLY No. Pk.
OWNER CHRIS STASSIS
CONTR. L.C. ANDERSON
PERMIT NO. 4941

NW BP Univ. & Iowa → 356.50
3.13
359.63

354.96 / 4.67 ✓ 355.30 / 4.33 ✓ 355.58 / 4.05
4.02 ✓ = Set Rod

354.50 / 5.13 ✓ 354.04 / 5.59 ✓

Univ. Ave.



Moore
Somermeyer
W.H.
Begg.

7-24-46

11/2/46

1-12-24-29

LOT — BLK. 376 ADD. E O ROGERS
OWNER KRIEGER OIL CO
CONTR. HARRY WILLIAMS
PERMIT NO. 4930 E 4932

Congress & Gaines

0+10

Stake
3.13
4.87
8.00 ⊼

cb B.C.

3.00	3.03	3.06	3.09	3.13
4.92	4.89	4.86	4.83	4.79

cb E.C.

7.92	8.72		P.V.C.
3.22	3.35	3.47	3.60
4.70	5.37	5.25	5.12
4.78	4.65	4.53	4.40

			B.C.	
3.67	3.82	4.02	4.25	4.33
5.05	4.90	4.70	4.47	4.39
4.33	4.18	3.98	3.75	

4.41	4.49	4.57	4.65
4.31	4.23	4.15	4.07

BMBP W cb Pacific
800' S of Rosecrans

Congress

4.31
5.83
10.14
4.54
5.60
5.23
10.83
5.31
5.52
3.20
8.72 ⊼
5.38
3.34
4.58
7.92 ⊼

cb grade

3.10 0+00

3.13 0+10

Restake
8-9-46

cb grades

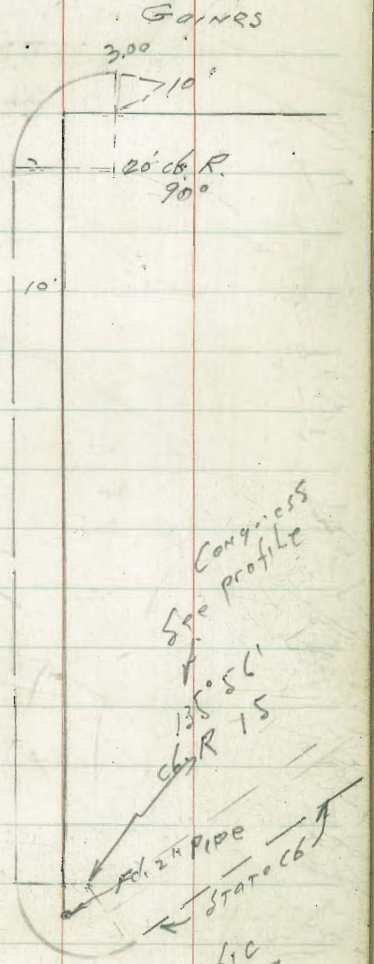
3.60 2+00

3.67 +20

3.82 +40

4.02 +60

4.25 2+78



State Return
over 1 ft in St.
Restaked

E. Moore
Sommermeyer
W.F.M.
E.B.

7-23-46 W.O. # 210

LOT 10-12 BLK. 210 ADD. MIDDLE TOWN
OWNER J. HARVEY CHAMBERS
CONTR. BRYAN & LARSON
PERMIT NO. 4947

B.M.
1.53
5.55
7.08 ✓

Grade Stakes on Kurtz

0+00 = Sly Bandini

0+06 = cb. B.C. 1.67
5.41
5.28
0.13 cb .13 High

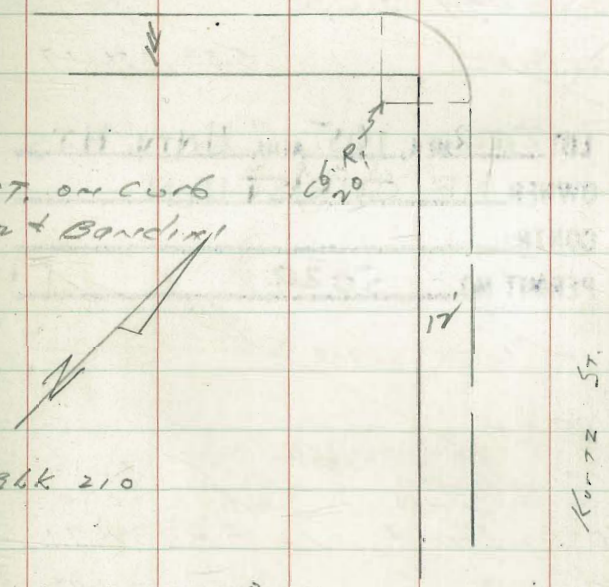
0+50 2.92
4.16 ✓

1+00 4.33
2.75 ✓

1+50 5.75 ✓
1.33

Stakes set 2' back of Curb

Bandini St.



SW 7' C.T. on Curb
Kurtz & Bandini

Blk 210

Stakes on Bandini

0+00 = Wly Kurtz

0+08 cb E.C. 1.50
5.58
5.60
0.02 ✓ O.K. on Curb

0+54 1.63
5.45 ✓

1+00 1.77
5.31 ✓

	~~5.47~~	~~366.50~~		~~361.03~~
~~chk. cb Rot E.C.~~			~~5.33~~	~~361.17~~

B.M. SW T track Lincoln & 30th

LOT 27&28 BLK. 165 ADD. UNIV. HTS
OWNER NE CHRISTIAN
CONTR.
PERMIT NO. 5029

Station				
	~~6.73~~	~~367.21~~		~~361.03~~
0+00 = NL Lincoln	6.03	367.53		361.50
0+50 chk Exist cb			5.73	361.80
+50 = Beg. Permit			5.82	361.71
+75			5.60	361.93
1+00 = End Permit			5.53	362.00
1+00 Chk Exist cb.			5.52	362.01
chk cb. 6+00 SL. Polk			3.96	363.57

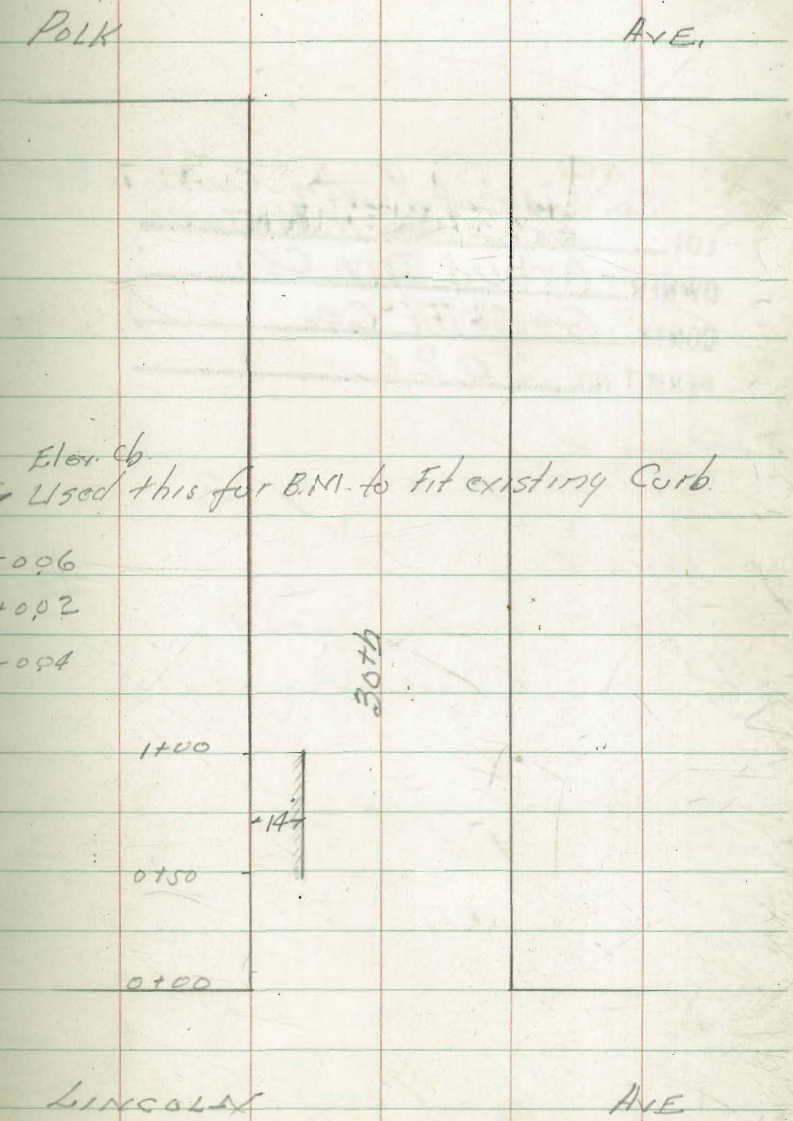
= Above B.M. Estab. Grade El. cb.

Elev. cb. → Used this for B.M. to Fit existing Curb.

	361.50
	361.77 ~~361.66~~
	361.91 ~~361.75~~
	362.04 ~~361.83~~

-0.06
+0.02
-0.04

Change Grade to Fit existing Curb.



So. Side of Kurtz - Couts To Bandini

LOT _____ BLK. 221 ADD. Middletown

OWNER. Arbud Inv. Co.

CONTR. Griffith Co.

PERMIT NO. 5026

C.M. Moore
Sommer Meyer
W F M
Begg.
8-6-46

Grades raked

3' back of curb line

C. Moore
Sommermeyer
W. F. Moore
Begg
8-8-46

LOT 1 BLK. 6 ADD. NUTTS
OWNER A.D. KOFFMAN
CONTR. H. R. ARNDT.
PERMIT NO. 5035

N.W.B.P.	4.90	293.77		288.87	4th + Robinson
	4.74	293.61		288.87	

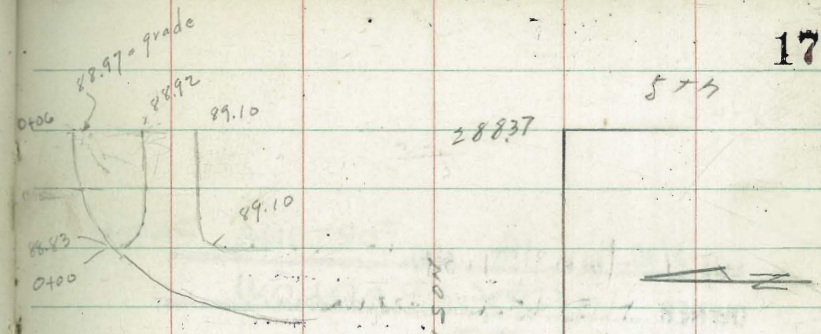
Ex. cb 5.01 = 288.76

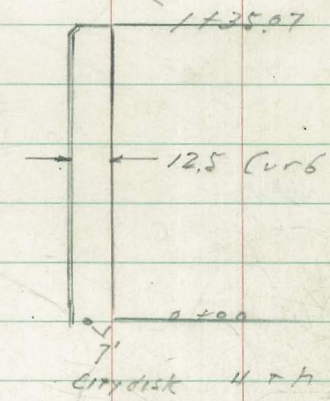
Ex. cb 5.07 = 288.70

0+00	0+06	0+50	1+00	1+32.07 = 3' cb. R.	
288.76	288.70	288.52 / 5.25	288.31 / 5.46	288.18 / 5.59	288.42 / 5.35 = Grade — W.L. Alley, S.L. Robinson
Meet cb.	288.97 / 4.64	Brk = 288.72 / 4.89	288.44 / 5.17	288.25 / 5.36	288.55 / 5.06

Note! Met existing curbs for line + grade

Changed by F.O. 8-13-46
for A.E.B.





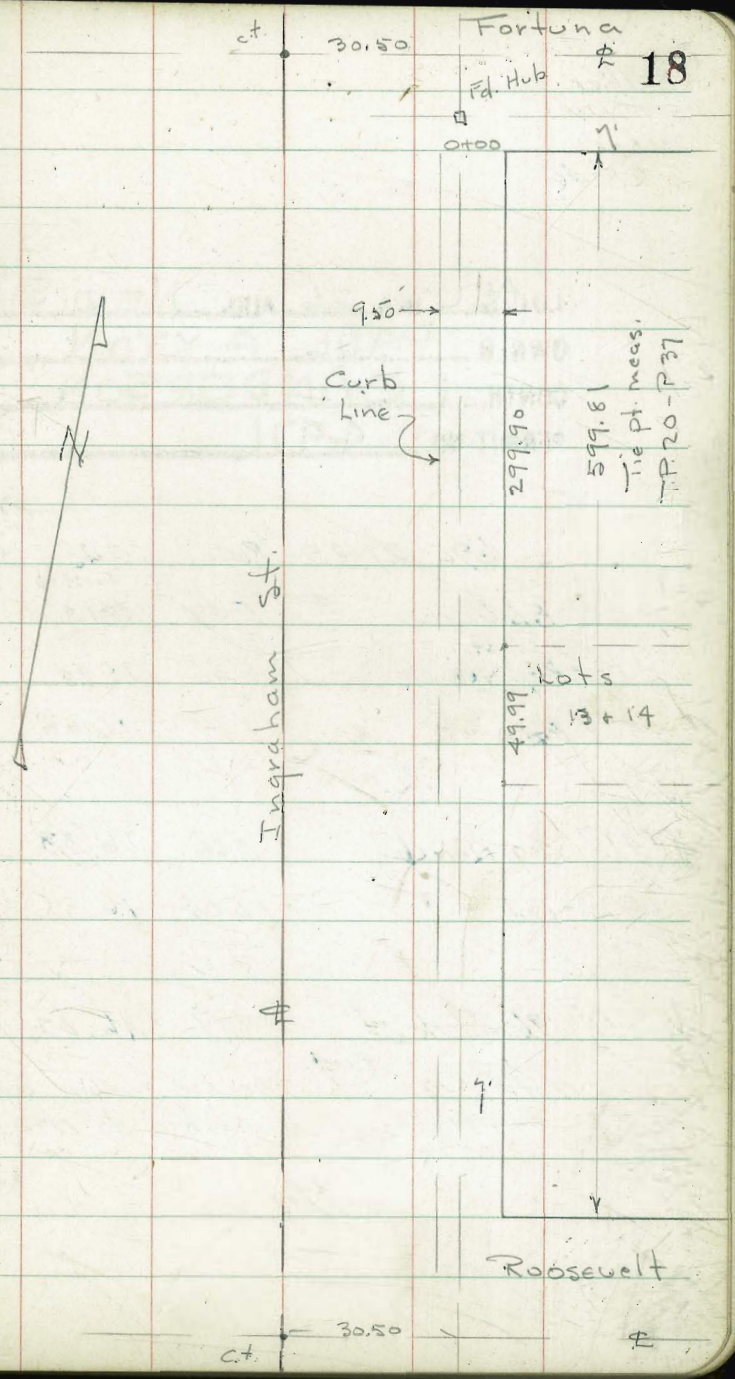
Ex. cb Return
1+50.07
5.67
= 288.10

8-21-46 ✓
7.0.

LOT 13/14 BLK. 14 ADD. FORTUNA PARK
OWNER HENRY BARLOW
CONTR. R. LEE
PERMIT NO. 5049

B.M.

Stakes 3' Back of cb				Grade	
		46.78			edge of pave opp.
N.L. Lot 13				40.25 6.53	39.70
S.L. Lot 14				39.54 7.24	39.01
					c.t. on ℄ Ing. to S. & N.L. P.B. Dr.
B.M.	3.77	49.88		46.11	
	2.19	46.78	5.29	44.59	
	6.13	49.94	2.97	43.81	✓
Check. —			3.82	46.12	

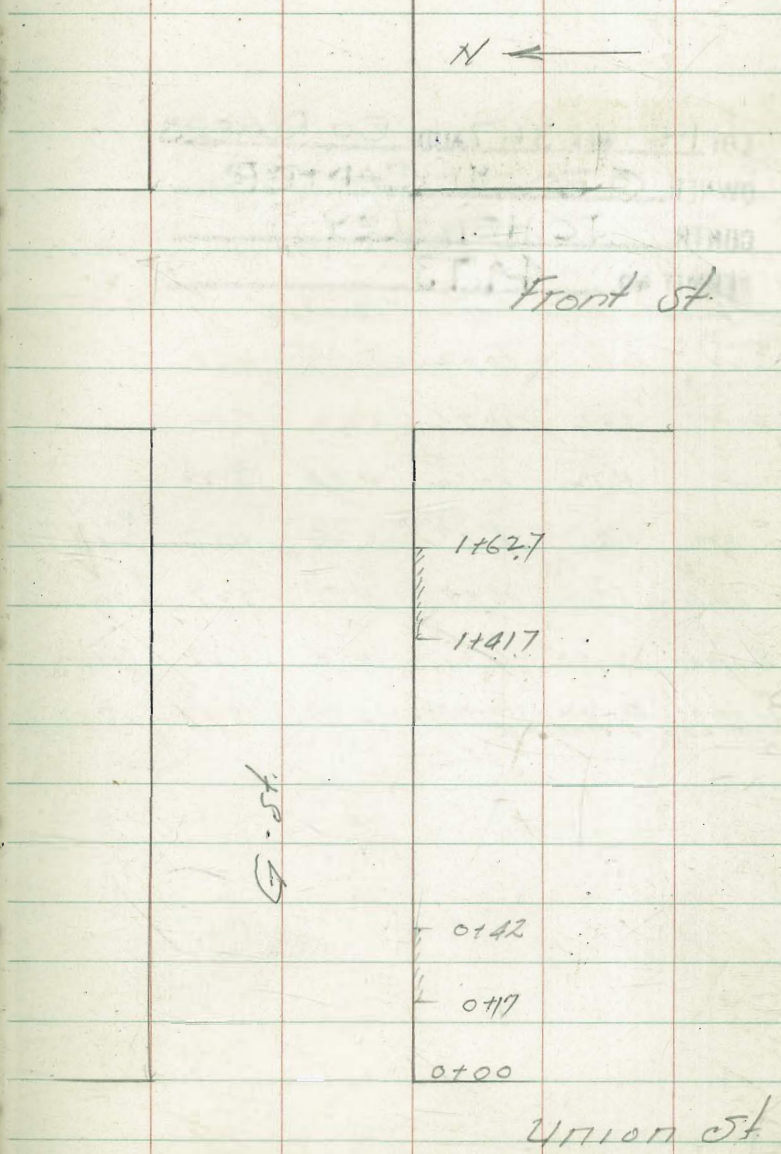


Walker
Hendricks
Becker
8-28-46

LOT AEL BLK. 26 ADD. NEW. S.D.
OWNER PAUL AXTON
CONTR. L CANDERSON
PERMIT NO. 4971

				BM.SW BP Front + G-St.
4.96	21.39	Rods	16.43 Exist cb	Est. Grd.
0+00 = E.L. Union		5.49	15.90	16.00
+17 = Beg. New cb. (Const.)		5.45	15.94	16.04
+42 = End " "		5.39	16.00	16.10
1+41.7 = Beg. New cb.		5.06	16.33	16.35
+62.7 = End " "		5.04	16.35	16.39
2+00 = W.L. State St		4.97	16.42	16.50

Note: as Exist. cb checked within a few hundredths job staked to match same

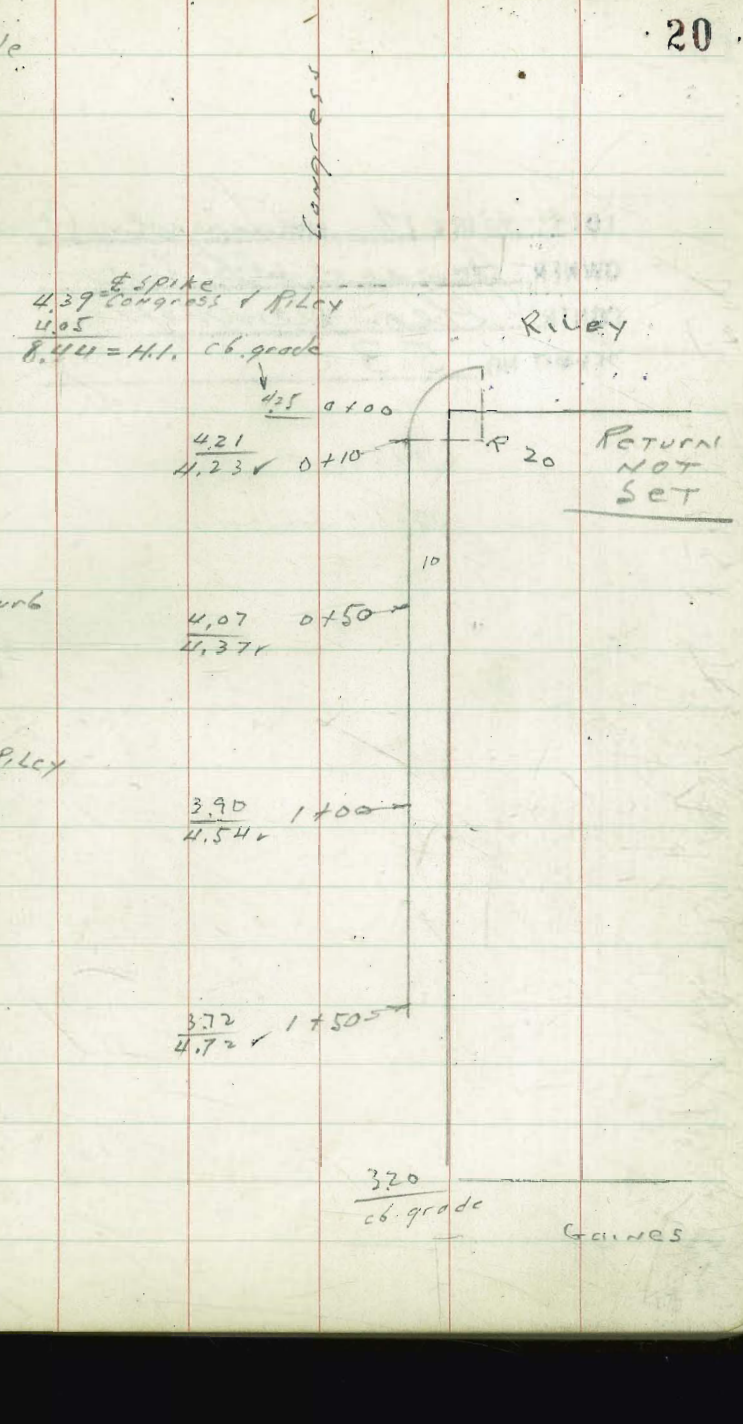


C. Moore
Sommermeyer
W. Moore
Begg
9-4-46.

Stakes set to Curb grade
and 2' back curb face

LOT 1-6 BLK. 367 ADD. EO ROGERS
OWNER GEO. W. CARTER
CONTR. JC HENSLEY
PERMIT NO. 4973

B.M. B.P. W. cb. on Pacific 800' S of Rosecrans	5.71	10.02		4.31	
T.P.	5.16	10.76	4.42	5.60	
T.P.	4.72	10.60	4.88	5.88	
T.P. set B.M.	3.97	8.22	6.35	4.25	Nwly B.P. in Curb Pacific Congress
T.P. Spike	5.22	8.49	4.95	3.27	& Congress 14.7' Gaines
T.P. & spike	2.52	6.91	4.10	4.39	Congress and Riley
Check to chisel ⊡ on Island cb. Riley & Pacific			1.42	5.49	5.47 / 0.02

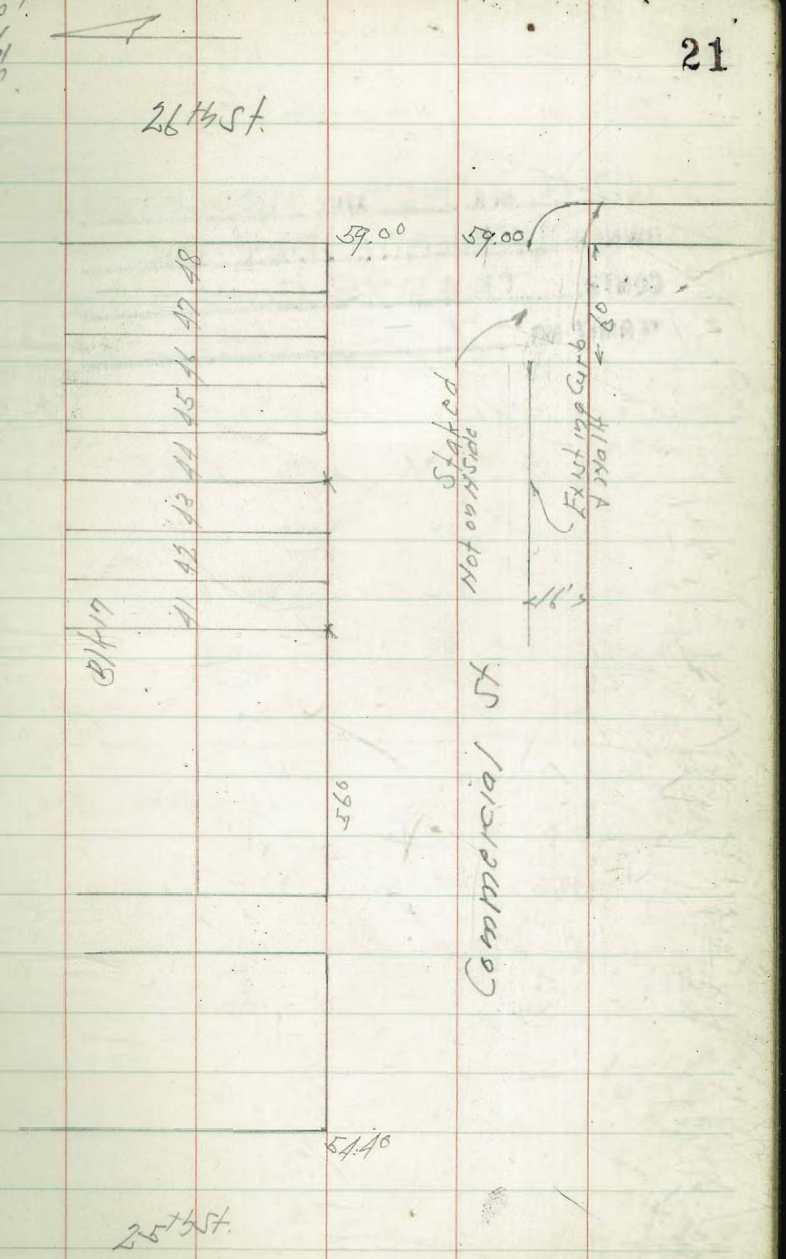


LOT 41-43 BLK. 17 ADD. Lincoln Park
OWNER Jessie Giles
CONTR. Geo. Denny
PERMIT NO. 53

Indexed [illegible]

1 Stake Raked for grade
offset 2' South of Face of Curb

Sept 11-46
Sisson
McCoy
Haddel
Allen



Moore
Somermeyer W.O. 210
W Moore
Bega 9-16-46

LOT 7-12 BLK. 196 ADD. MIDDLETOWN
OWNER CANADA DRY INC.
CONTR. TREPTE CONST CO.
PERMIT NO. 7 T.P. 2" Pipe Cor. Noell & Hancock → 25.66

Indexed Gofm

Return
E.C. = 0+00 0+50 1+00 1+50
27.22 / 4.63 26.96 / 4.89 26.70 / 5.15 26.44 / 5.41

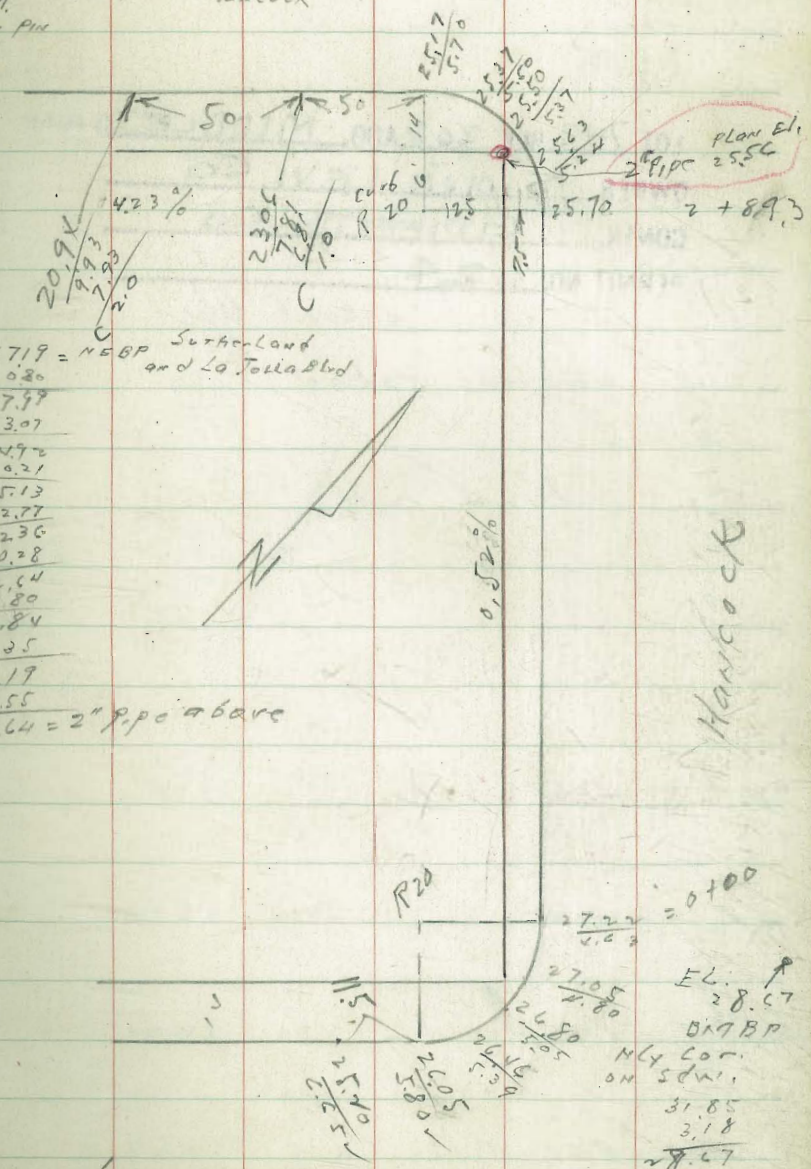
2+00 2+50 2+89.3
26.18 / 4.69 25.91 / 4.96 25.70 / 5.17 = B.C.

23.36 = 4.90
28.26
3.26
25.00
5.18
30.18
4.52
25.66
25.66
5.31
30.97
4.22
26.75
5.10
31.85 π
5.41
26.44
4.43
30.87 π

For drain
see p. 24

Noell St.

B.M. Iron Pin
Swly Cor Wright Hancock



67.19 = NEBP Sutherland and La Jolla Blvd
0.80
67.99
13.07
54.92
0.21
55.13
12.77
42.36
0.28
42.64
12.80
29.84
1.35
31.19
5.55
25.64 = 2" Pipe above

Hancock

EL. 28.67
BM BP
Nly Cor. on Sdw.
31.85
3.18
28.67

Sutherland

CSM 9-17-46
C S
WEAR
E.B.

LOT 7-12 BLK. 208 ADD. MIDDLETOWN
OWNER. SIMON LEVI CO
CONTR. GRIFFITH CO
PERMIT NO. 24

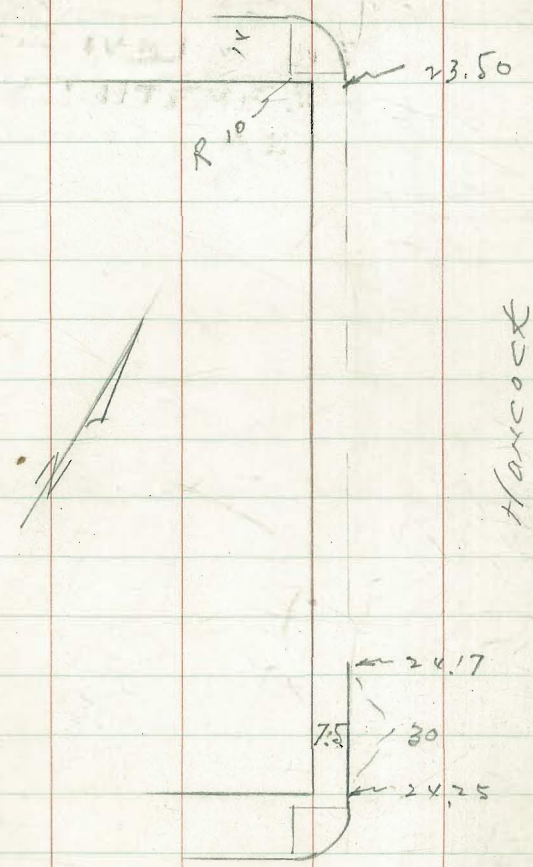
Indexed Office

grades Raked

Line O.K.

B.M.	5.58	28.94		23.36
SL Wright			5.44	23.50
30' N. of N.L.	Estudillo		4.70	24.24
NL	Estudillo		4.65	24.29

Wright



Estudillo

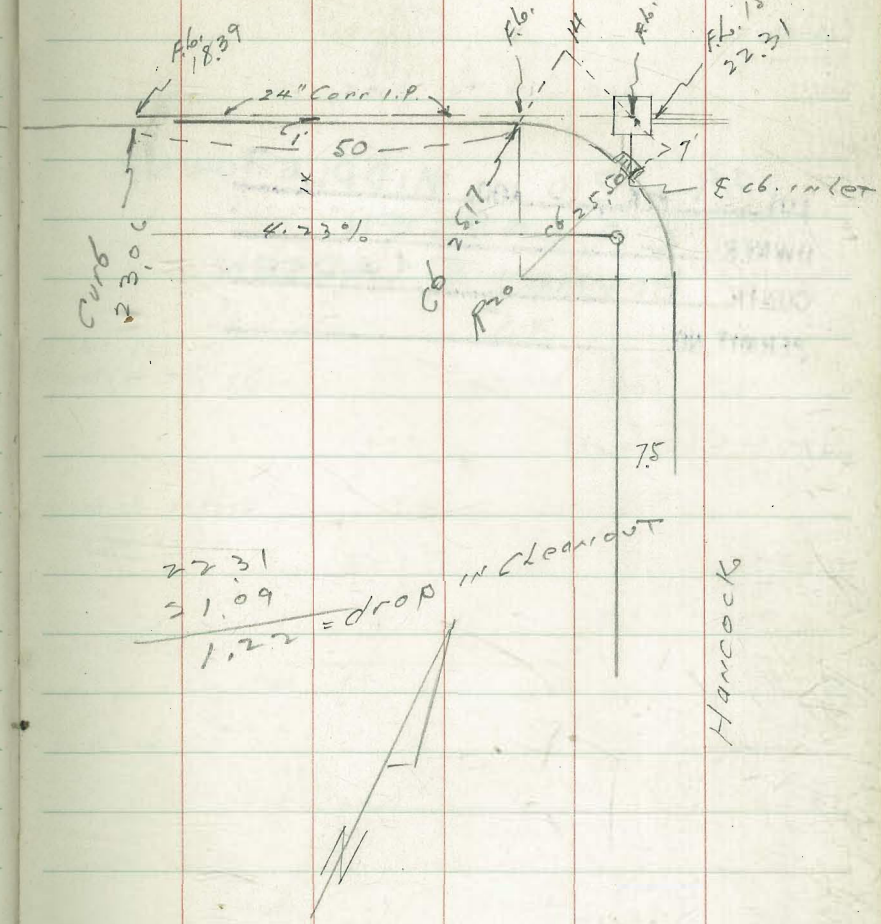
Storm drain grades
at Wly Cor. of
Hancock & Noehl
for Canada Dry Co.
Trepte Const. Co.
Contr.

C. Moore
Saxtorndeyer
W. F. M.
E.B.

9-16-46

curb grades p. 22

Noehl St.



22.31
21.09
1.22 = drop in cleanout

9-26-46

Osborne
Hardin
Worrell

11/8/46

See P. 14 for Lots 10 to 12

LOT 89 BLK. 210 ADD. MIDDLETOWN
OWNER CA LARSEN
CONTR. BRYANS & LARSEN
PERMIT NO. 35

1076 12.29 1.53 B.M. S.W. 7 ct. Kurtz + Bandini P14

0+00 = N.L. Wright 10.00

Stakes 2' Back of cb. face

0+50 8.58 set
3.71

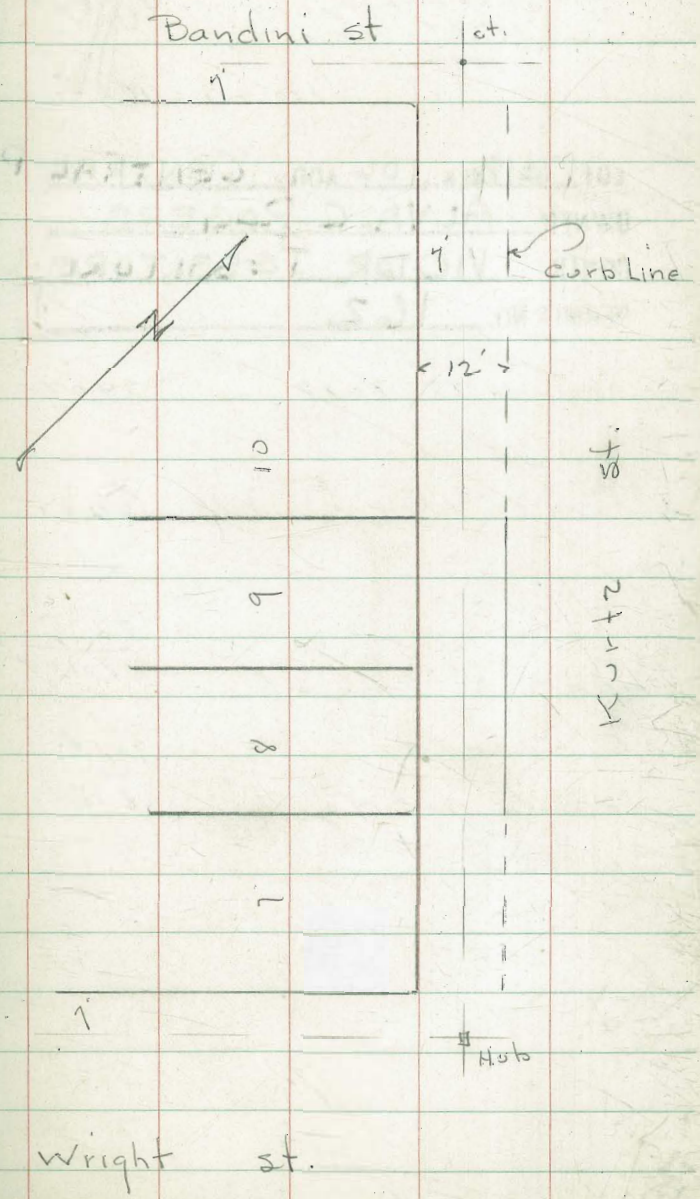
0+90 7.45 set
4.84

To miss Drive

1+20 6.60 set
5.69

1+50 = stake in 5.75 check
6.54 See P. 14

Used Pencil Grade on Profile



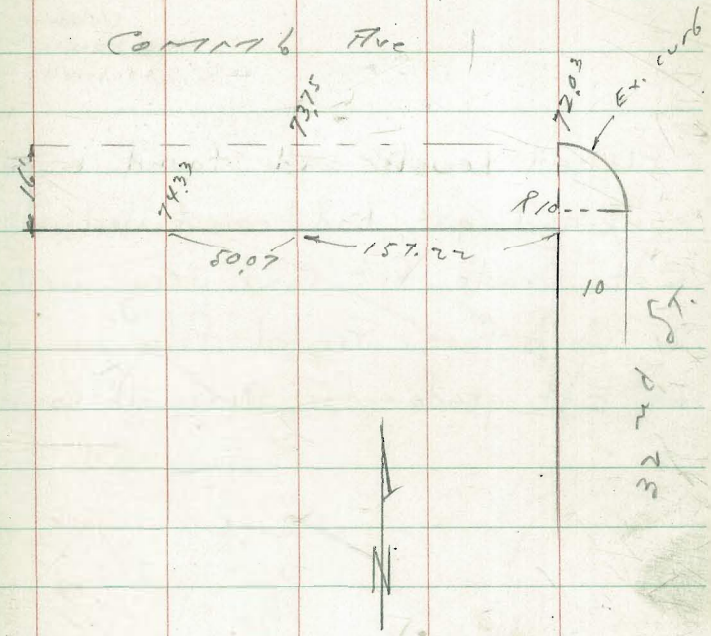
C. Moore
Somermeyer
W. Moore
Bogg

10-3-46

11/8/46

LOT 17 & 19 BLK. 106 ADD. CENTRAL PARK
OWNER ALVA C ROGERS
CONTR. VICTOR TESSITORE
PERMIT NO. 162

NWBP	6.85	80.87	74.02
curb Sw Cor. 32nd & Comm'l		8.84	72.03
			73.75
			7.12
Stakes 3' back of			
cb Face &			74.33
Set to grade			6.54

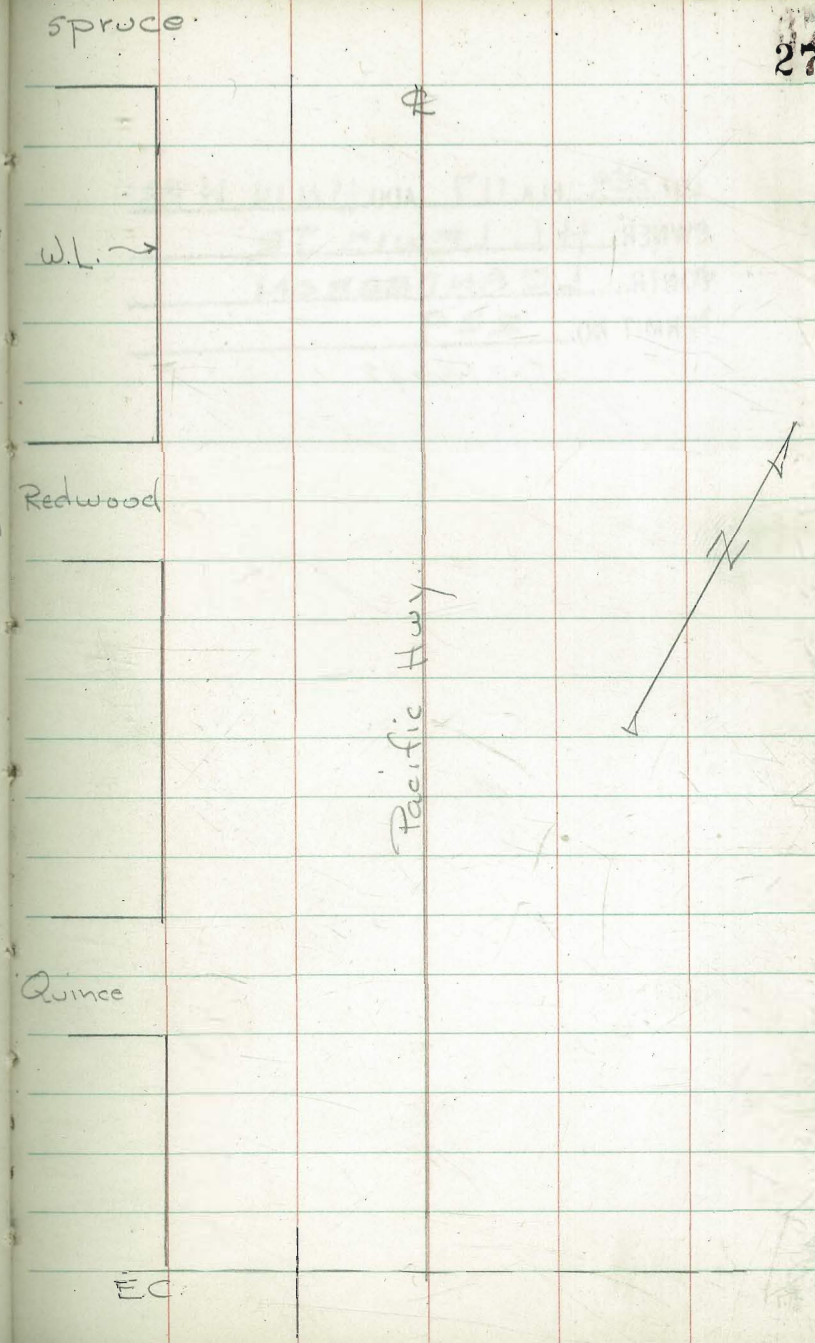


Levels on W.cb. + Gutter of Pac. Hwy, from N.L. Quince to N.L. Thorn st.

10-9-46
Osborne Hendricks
Hardin Beck
Wirrell Greer

Plotted Levels and found curb had sunk and gut had been filled in.
Est. Grade fit Cond. very well - giving 6" Curb face. Painted fills on curb to Est. grade - for Sidewalk Const.

70.



LOT 8&9 BLK. 117 ADD. UNIV HTS
OWNER H L LEWIS JR
CONTR. L C ANDERSON
PERMIT NO. 229

See Page 47

Station	+	H.I.	−	Elev	BM
0	3.25	15.48		12.23	B.P.F. inside cb. Adm. Bld. Wind field.
0+00 = N.L. Quince					
Cut			5.79	9.69	
top cb.			5.35	10.13	
edge of walk			5.15	10.33	
0+23.7 = B.C. Dr.					
G			5.97	9.51	
cb.			5.45	10.03	
w.			5.31	10.17	
0+90 = E.C. Dr.					
G			6.24	9.24	
cb.			5.77	9.71	
w.			5.62	9.86	
1+00					
G			6.28	9.20	
cb			5.83	9.65	
w.			5.66	9.82	
1+50					
G			6.41	9.07	

Sta	+	H.I. 15.48	−	Elev		Fills
cb			6.07	9.41		
w.			6.01	9.47		
T.P.	3.65	13.06	6.07	9.41		
2+00						
G			4.25	8.81		
cb			3.93	9.13		
w			3.74	9.32		
2+50						
G			4.38	8.68		
cb.			4.05	9.01		
w.			3.99	9.07		
3+00 = S.L. Redwood						
G			4.74	8.32		
cb.			4.38	8.68	8.80	
w			4.31	8.75		
3+20 = end of walk in						
3+50						
G			4.93	8.13		
cb.			4.65	8.41	8.72	F
3+80 = N.L.						
G			4.92	8.14		
cb			4.51	8.55	8.70	F0.15

Station	+	H.I.	−	Elev.	Est Grade	
		13.06				
4+00						
G			5.02	8.04		
cb			4.56	8.50	8.64	F0.14
4+50						
G			5.13	7.93		
cb			4.79	8.27	8.49	F0.22
5−						
G			5.19	7.87		
Cb			4.92	8.14	8.34	F0.20
+50						
G			5.32	7.74		
Cb			5.11	7.95	8.19	F0.24
6−						
G			5.36	7.70		
Cb			5.17	7.89	8.04	F0.15
+50 = Top grate						
G			5.92	7.14		
Cb			5.33	7.73	7.89	F0.16

Station	+	H.I.	−	Elev.	Est Grade	
		13.06				
6+80	So. Line Spruce					
G. = Near tracks			5.35	7.71		
7−						
G.			5.71	7.35		
Cb			5.41	7.65	7.80	F0.15
+50						
G.			5.99	7.07		
Cb			5.44	7.62	7.80	F0.18
T.P.	534	12.97	5.43	7.63		
7+60	No. Line Spruce					
G			5.98	6.99		
Cb			5.27	7.70	7.80	F0.10
8+00						
G			5.71	7.26		
Cb.			5.14	7.83	7.92	F0.09
+50						
G			5.48	7.49		
Cb.			5.03	7.94	8.07	F0.13

Station	+	H.I.	–	Elev.	Est Grade	
		12.97				
9+00						
G			5.31	7.66		
Cb			4.82	8.15	8.22	F0.07
+50						
G			5.17	7.80		
Cb			4.70	8.27	8.37	F0.10
10+00						
G			5.05	7.92		
Cb			4.65	8.32	8.52	F0.20
+60	So. L Sassafras					
G			4.84	8.13		
Cb			4.50	8.47	8.70	F0.23
11+00						
G			4.90	8.07		
Cb			4.51	8.46	8.65	F0.19
+40	No. L Sassafrass					
G			4.89	8.08		
Cb			4.46	8.51	8.60	F0.09

Station	+	H.I.	–	Elev	Est Grade	
		12.97				
12+00						
G			5.04	7.93		
Cb			4.60	8.37	8.44	F0.07
T.P.	4.48	12.63	4.82	8.15		
12+50						
G			4.91	7.72		
Cb			4.50	8.13	8.30	F0.17
13+00						
G			5.06	7.57		
Cb			4.60	8.03	8.17	F0.14
+50						
G			5.17	7.46		
Cb			4.76	7.87	8.03	F0.16
14+00						
G			5.32	7.31		
Cb			4.95	7.68	7.90	F0.22
+40	So. L Thorne					
G			5.34	7.29		
Cb			4.95	7.68	7.80	F0.12

Station	+	H.I	-	Elev		
		12.63				Walk in
15+00						
G.			5.59	7.04		
Cb.			5.01	7.62	7.80	
15+12.5	Beg Asphalt Paving					
15+20	No. L. Thorne					
G.			5.72	6.91		
Cb.			4.95	7.68	7.80	
T.P.	4.25	12.72	4.16	8.47		
T.P.	5.37	13.34	4.75	7.97		
T.P.	6.22	16.00	3.56	9.78		
B.M.			3.79	12.21	12.23	B.P.E. Inside Curb Adm Bldg. Lindberg Field
					12.21	
					-.02	

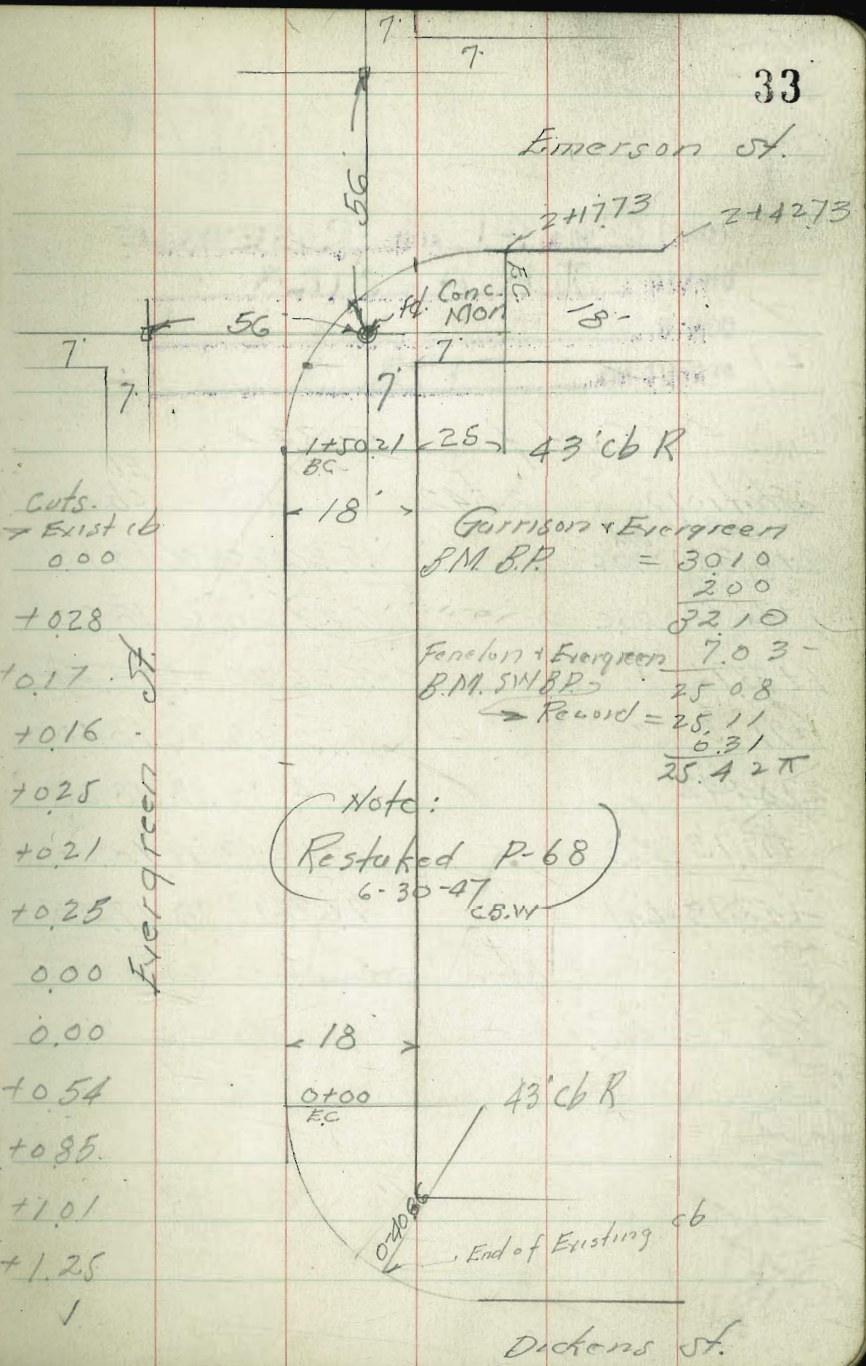
Walker
Hendricks
Becker
Greer
10-14-46

11/8

LOT 1 BLK. 41 ADD. ROSEVILLE
OWNER FRANK CURRIER
CONTR. J. F. ARAIZA
PERMIT NO. 171

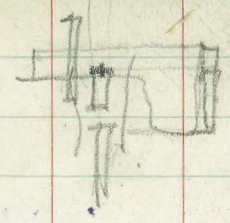
Station	π 25.42			Elev. Top cb.	Cuts. Exist cb
P.O.C. Existing cb				19.28	
0-40.86		6.14	19.28	~~19.35~~	0.00
0-33.77		5.76	19.66	19.~~42~~ 38	+0.28
0-26.88 = Brk		5.80	19.62	19.45	+0.17
0-19.68		5.78	19.64	19.48	+0.16
0-12.68		5.67	19.75	19.50	+0.25
0-6.34		5.70	19.72	19.51	+0.21
0+00 = E.C.		5.67	19.75	19.50	+0.25
+25		6.04	19.38	19.38	0.00
+50		6.16	19.26	19.26	0.00
+75		5.73	19.69	19.15	+0.54
1+00		5.55	19.87	19.02	+0.85
+25		5.50	19.92	18.91	+1.01
1+50.21 = B.C. Ret.		5.37	20.05	18.80	+1.25

Cont. P-~~33~~ 34



Garrison + Evergreen
B.M. B.P. = 30.10
2.00
32.10
Fenelon + Evergreen 7.03
B.M. SW B.P. 25.08
→ Record = 25.11
0.31
25.42 π

Note:
Restaked P-68
6-30-47 C.B.W.



11/8/46

LOT 12 BLK. 41 ADD. ROSEVILLE
OWNER J. F. ARAIZA
CONTR. " "
PERMIT NO. 172

Cont. from P-33

Station		2542			El. cb.	Cuts	offsets	
13.31 1+63.50 = Blk P.O.C	⑤		5.36	20.06	18.70	+ 1.36	3' Rt.	Re-stuked page 68
13.29 +76.79 = P.O.C	④		5.29	20.13	18.60	+ 1.53	"	
7.17 1+83.96 "	③		5.36	20.06	18.52	+ 1.54	"	
7.17 +91.13 "	②		5.72	19.70	18.40	+ 1.30	"	
13.31 2+04.42 "	①		6.24	19.18	18.22	+ 0.96	"	
13.31 +17.73 = E.C.			6.71	18.71	18.00	+ 0.71	"	
+42.73 = End			7.63	17.79	17.45	+ 0.34	"	

Check Above Construction See P-42

(check curb grades P. 64) - by Moore

Walker
Hendricks
Becker
Grier
10-11-46

Curb Stakes - Trojan Ave
& 53rd Street
Plan #6705-L

INDEXED

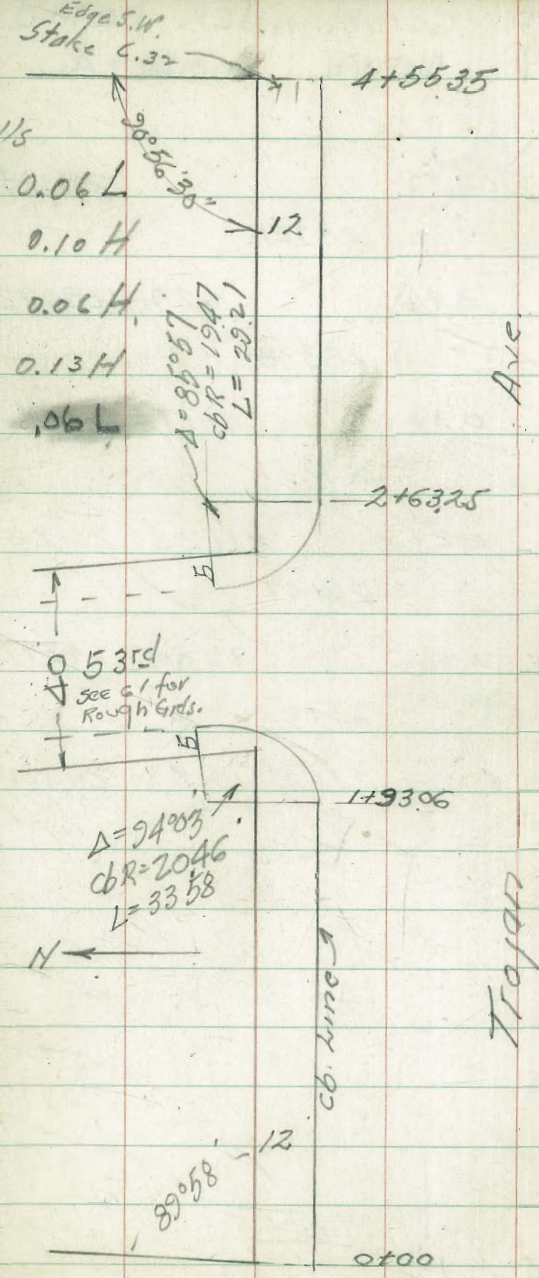
Restake see p-51

Station	π 339.24			Elev. Top Cb.	Cuts & Fill
0+00		9.94	329.30	328.95	C 0.35
+15.34 = Brk		9.51	329.73	329.26	C-0.47
+50		8.71	330.53	330.00	C-0.53
1+00		7.83	331.41	331.07	C-0.34
+50		6.64	332.60	332.15	C-0.45
1+93.06 = B.C. 2046 cb R.		6.43	332.81	333.08	F-0.27
BC +13.38 = Brk ①		5.82	333.42	333.40	C 0.02
" +26.76 = Brk ②		4.80	334.44	333.90	C-0.54
" +33.58 = E.C. " " on 53rd		4.38	334.86	334.20	C ~~0.56~~ 0.66
B.C. of 19.47 cb R " "		3.84	335.40	334.60	C 0.80
℄ cb Ret.		4.79	334.45	334.38	C 0.07
2+63.25 = E.C. on Trojan		4.60	334.64	334.58	C 0.06 0.04 H

B.M. C.T. Ld. ℄ Trojan + 54th = 351.67
2.71 +
354.38 π
12.66 −
TP 341.72
1.93 +
343.65
− 5.77
This has been moved
N. Good ℄ (Trojan + 53rd Top Fire Hyd.) = 337.88
1.36 +
339.24 π
0.53 −
338.71 T.P.
13.28 +
351.99 π
0.31 −
351.68 T.P.
12.95 +
364.63 π
0.85 −
363.78 T.P.
12.66 +
376.44 π
0.52 −
375.92 T.P.
12.71 +
388.63 π
1.00 −
387.63 T.P.
13.10 +
400.73 π
6.89
393.84
Chk. B.M. S.E. B.P.
El Cajon + 53rd → 393.88
Plan 6705-L
0.04

Trojan Ave Cb. Grades
Cont. from P-35

Station					Elev. Top cb.	Cuts = Fills	
		339.24					
3+00			3.87	335.37	335.37	0.00	0.06 L
+50			2.68	336.~~54~~ 56	336.44	C-~~0.10~~ 0.12	0.10 H
4+00			1.57	337.67	337.52	C-0.15	0.06 H
+35.35 = Brk			0.79	338.45	338.28	C ~~0.07~~ 0.17	0.13 H
+55.35 = End			0.15	339.09	~~338.73~~ 338.92	C 0.17	.06 L
4+55.35 chk end Exist Walk			0.27	338.97			
Walker Hendricks Becker Johnson 3-11-47	Restake From 53rd to 4+55.35						
					P.M.		
	2.32	341.29		338.97		Cuts	
B.C. Ret. 19.47 cb R			5.87	335.42	334.60	0.82	
℄ Ret.			6.82	334.47	334.38	0.09	
E.C. Ret 2+63.25			6.61	334.68	334.58	0.10	
~~+50~~			5				
3+00			5.92	335.37	335.37	0.00	
+50			4.70	336.59	336.44	0.15	
4+00			3.59	337.70	337.52	0.18	
+35.35 = Brk			2.79	338.50	338.28	0.22	
+55.35 = End			2.41	338.88	338.92	F 0.04	



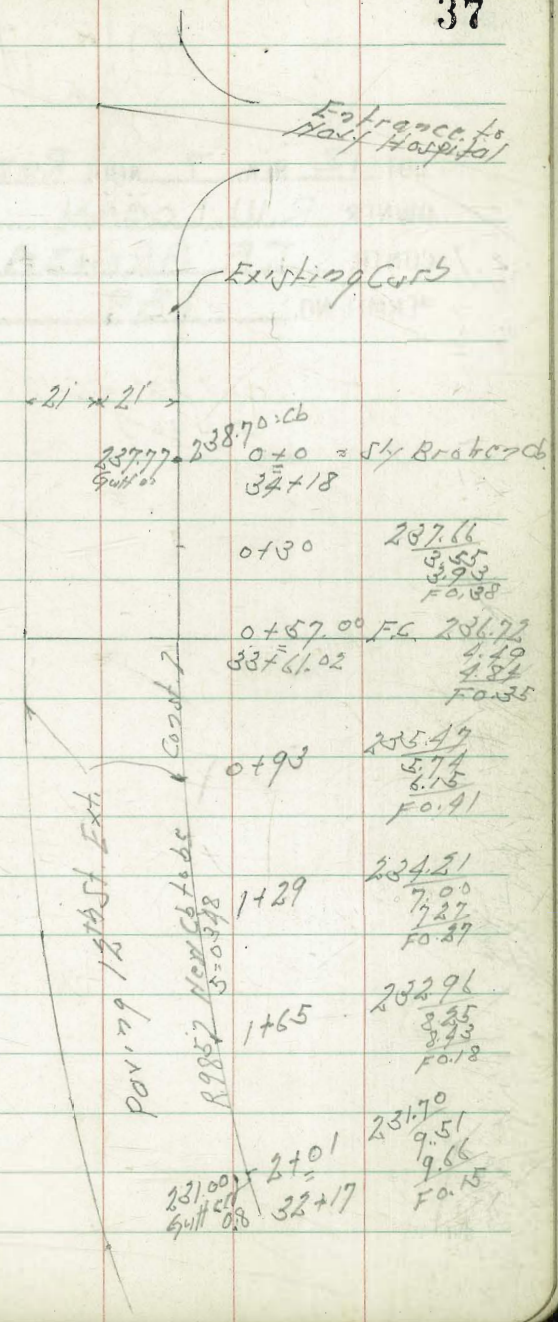
EXT. 490 COMMANDER FARMER
M 6951 NAVAL HOSPITAL

BM	3.93			283.28	N.W.B.P. Park Blvd. + Laurel
		287.21			
TP	2.46		6.29	280.92	
		283.38			
TP	0.30		11.17	272.21	
		272.51			
TP	0.21		11.25	261.26	
		261.47			
TP	2.06		12.50	248.97	
		251.03			
BM.	0.71	241.21	10.53	240.50	X SE Curb Naval Hosp. Entrance

Oct 18-46
Sisson
McCoy
Waddel
Allen

H 1516-7

W.O. 19-8



11/8/46

LOT 12 BLK. 7 ADD. ROSEVILLE
OWNER R.W. LOGAN
CONTR. J.F. ARAIZA
PERMIT NO. 189

/ Oct 25-46
Sivson
S-Pl. only on Canon St.

11/6/46

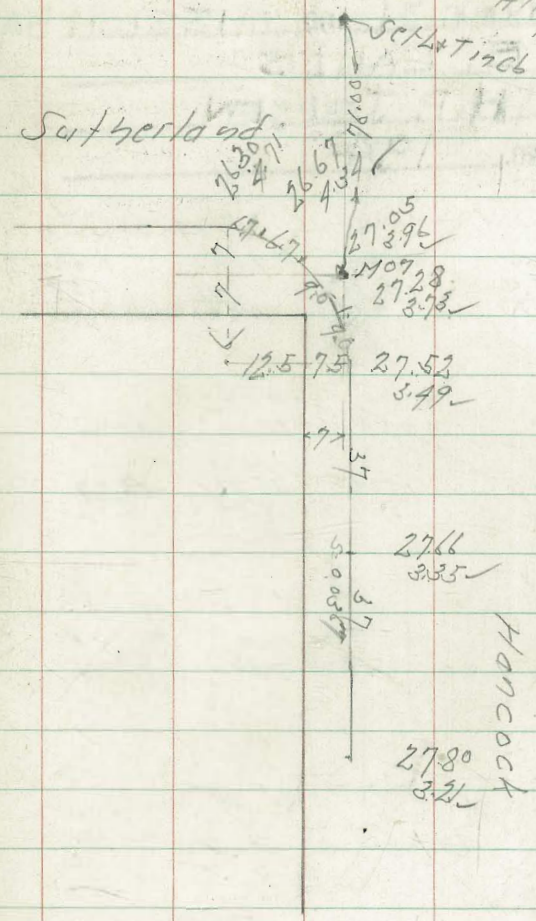
LOT 10-12 BLK. 185 ADD. MIDDLETOWN
OWNER DUFFIELD INC
CONTR. TREPTE CONST CO.
PERMIT NO. 187

BM	3.79	31.01		27.22	07 Moores E.C. Page 22

7 stakes off set 3' Back of Face Curb

Oct. 25-46
Sisson
McCoy
Haddel
Allen

H.O. #210



LOT 17-18 BLK. 31 ADD. MISSION BAY PK
OWNER E. LANDIS
CONTR. H.P. JEPSEN.
PERMIT NO. 194

C Moore
Smyr
WM
E.B.

10-24-46.

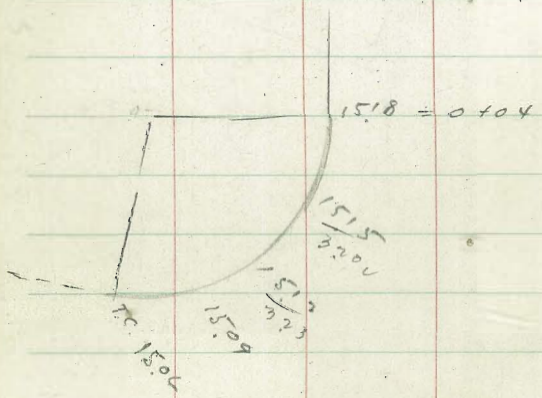
Prop. Line gr.

0+04	0+50	1+00	1+20
15.46	15.60	15.75	15.81
2.89	2.75	2.60	2.54

B.C.

Curb grades

0+04	0+50	1+00	1+20
15.18	15.34	15.51	15.57
3.17	3.01	2.84 ✓	2.78 ✓

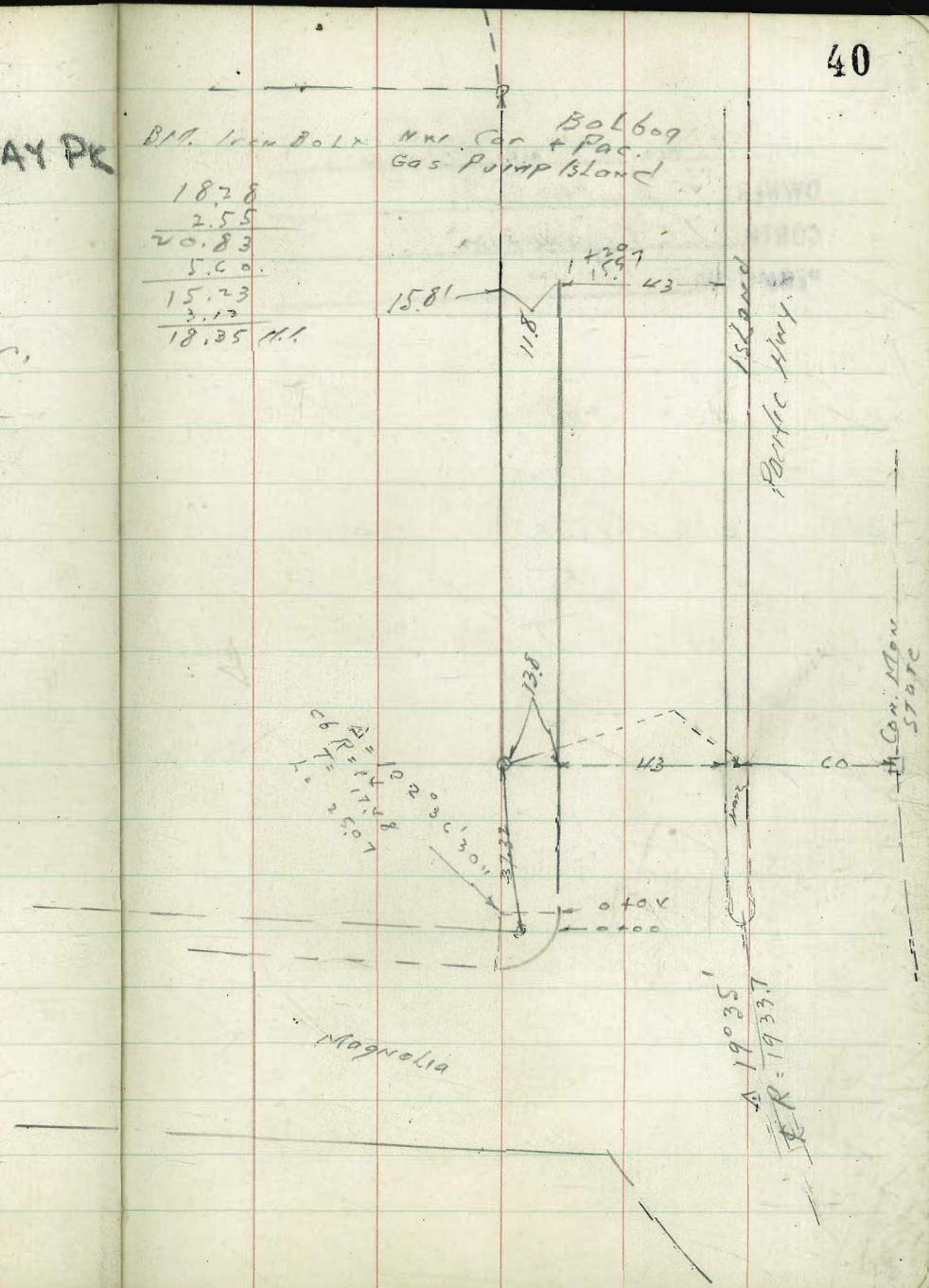


Gutter Gr.

0+04	0+50	1+00	1+20
14.21	14.37	14.54	14.60
4.14	3.98	3.81	3.75

B.M. Iron Bolt NW Cor + Pac. Gas Pump Island

18.28
2.55
20.83
5.60
15.23
3.13
18.35 M.I.



11/6/46

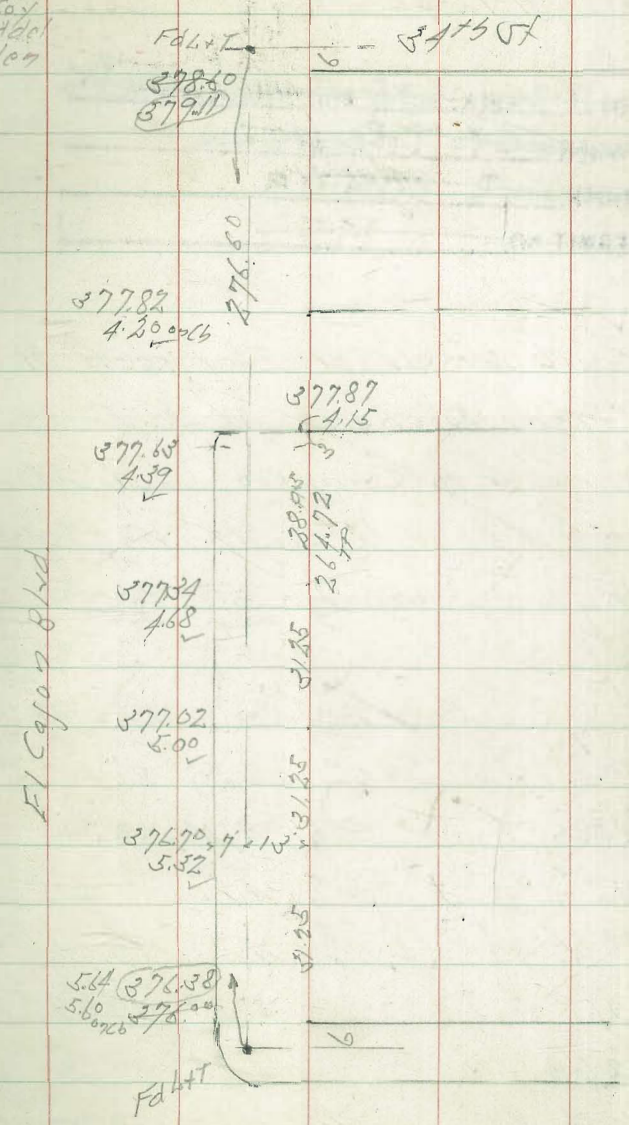
LOT 14 BLK. 39 ADD. Teralta
OWNER E Wirth
CONTR. L.C. Anderson
PERMIT NO. 190

BM	4.32	383.24	378.92	SW BP El Cajon x 34th St
BM	3.10	382.02	378.92	

5 Stakes offset 3' Back of Face of Curb
Not on Profile Grade

Oct. 25-46 Sisson McCoy Waddel Allen

W.O. #210



Walker
Becker 11-12-46
Greer

~~LOT 17-20 BLK. 278 ADD. LINCOLN PK~~
~~OWNER CA THOMPSON~~
~~CONTR. R. ZUNIGA~~
~~PERMIT NO. 195~~

Curb Levels on Evergreen St from Dickens St. to Emerson in order to Compare Construction of Curb With Construction Notes as shown on Page 33, 34

					B.M. SWBF Fenelon & Evergreen
	2.61	27.72		25.11 Exist cb.	Proposed cb. P-33
T.P.	2.86	24.02	6.56	21.16	
0-40.86			4.74	19.28	19.28
0-33.77			4.50	19.52	19.38
0-26.88			4.38	19.64	19.45
0-19.68			4.37	19.65	19.48
0-12.68			4.34	19.68	19.50
0-6.34			4.30	19.72	19.51
0+50			4.27	19.75	19.50
+25			4.33	19.69	19.38

			Elev. Exist. cb.	Elev. Proposed Page 33
	24.02			
0+50		4.36	19.66	19.26
0+75		4.27	19.75	19.15
1+00		4.14	19.88	19.02
+25		4.04	19.98	18.91
+50.21 = BC		3.94	20.08	18.80
1+63.50		4.00	20.02	18.70
+76.79 = End cb		3.88	20.14	18.60
+83.96 on Form		4.07	19.95	18.52
+91.13 " "		4.31	19.71	18.40
2+04.42 " "		4.78	19.24	18.22
+05.4 = Beg. cb		4.84	19.18	
+17.73 = EC		5.25	18.77	18.00
+42.73 = End		6.17	17.85	17.45

This Work Also checked by Moore P-64

Restaked P-68

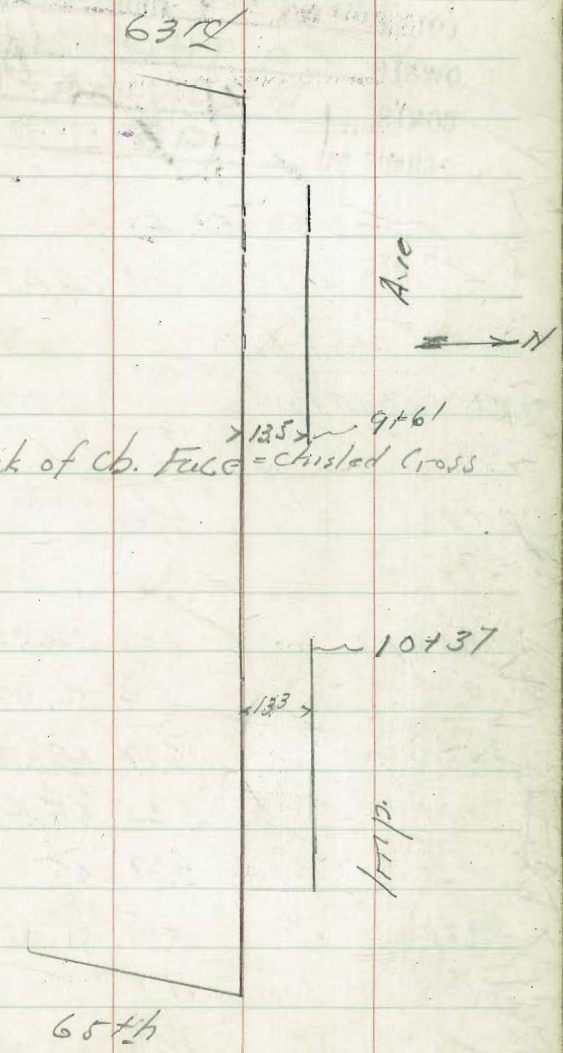
LOT 20 BLK. G ADD. ENCANTO HTS
OWNER MR RABSHAW
CONTR. AL RILEY
PERMIT NO. 257

11/6/26

PERMIT NO.
CONTR.
OWNER
LOT BLK. ADD.

Wulker
Hendricks
Becker
Greer
11-6-46

	4.05	226.84		222.79	BM=End Exist Walk	9+61 FB 1736-26
Station					Elev. Cb.	Cuts offsets
9+61 = Beg. Exist. Walk			4.05	222.79	222.59	+0.20 5' Back of Cb. Face = Chisled Cross
+86.35			3.78	223.06	222.88	+0.18 "
10+11.6			3.50	223.34	223.17	+0.17 "
10+37 = End Exist. Walk			3.28	223.56	223.45	+0.11 "
Chk Exist Walk 10+37			3.28	223.56		

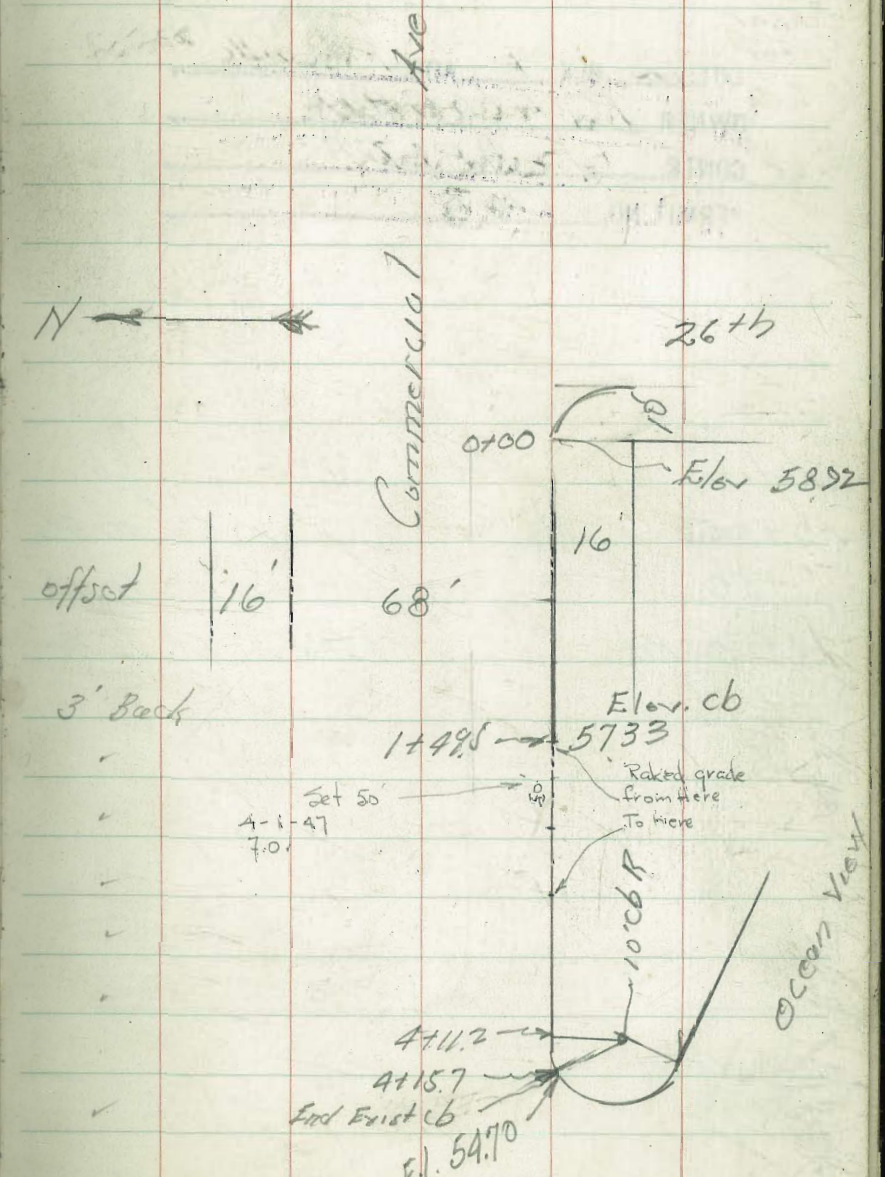


Walker
Becker
Greer
11-4-46

11/6/46

LOT 17-20 BLK. 278 ADD. LINCOLN PARK
OWNER CA THOMPSON
CONTR. R. ZUNIGA
PERMIT NO. 195

	0.59	59.53		58.94	BM. NE BP Imp. Ave & 25th on cb
	6.31	61.01	4.83	54.70	
~~1+49.5 Exist cb~~			~~3.68~~	~~57.33~~	
0+00 Exist cb			2.09	58.92	
	61.01	Rod	stake	cb	cuts
1+49.5		3.68		57.33	
2+50		4.69	56.32	56.32	0.00
+75		4.94	56.07	56.07	0.00
3+00		5.19	55.82	55.82	0.00
+25		5.44	55.57	55.57	0.00
+50		5.69	55.32	55.32	0.00
+75		5.93	55.08	55.08	0.00
4+00	Left out			54.84	
+11.2		6.27	54.74	54.74	0.00
+15.7				54.70	



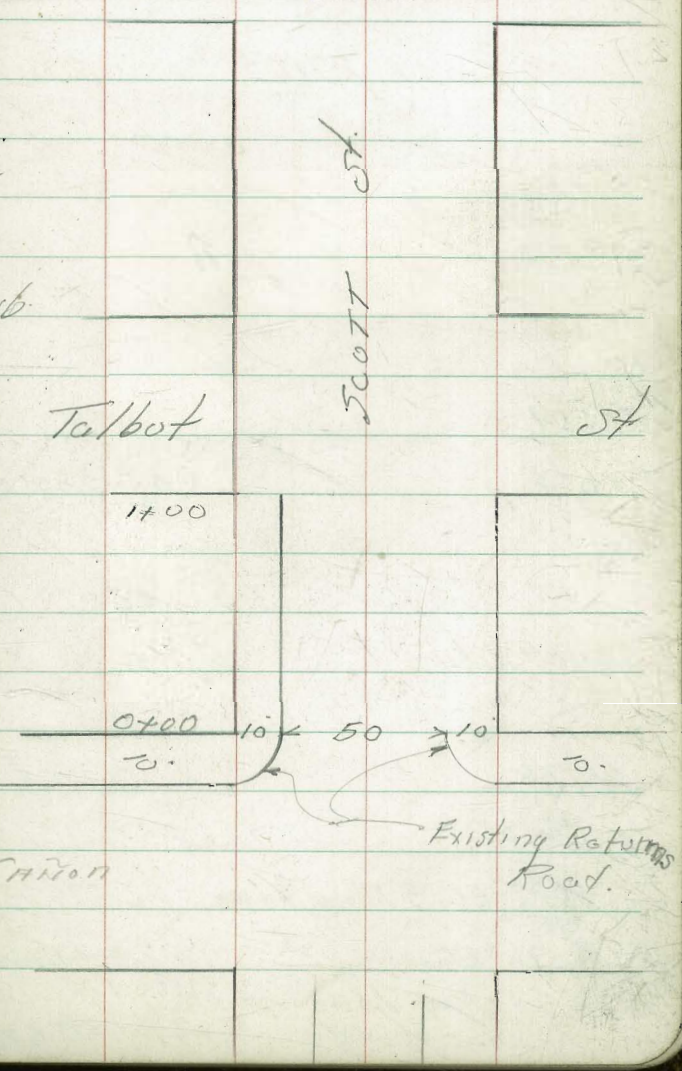
Walker
Hendricks
Beckar
Greer
11-6-46

11/8/46

LOT 12 BLK. 7 ADD. Roseville
OWNER R.W. LOGAN
CONTR. J.F. ARIZA
PERMIT NO. 208

Station	π 15.40		Exist cb	El. Cb.	
0+00		4.82	10.58	10.50	Meet Exist cb
+50		4.40	11.00	11.00	00
1+00 = Brk		3.89	11.51	11.50	00

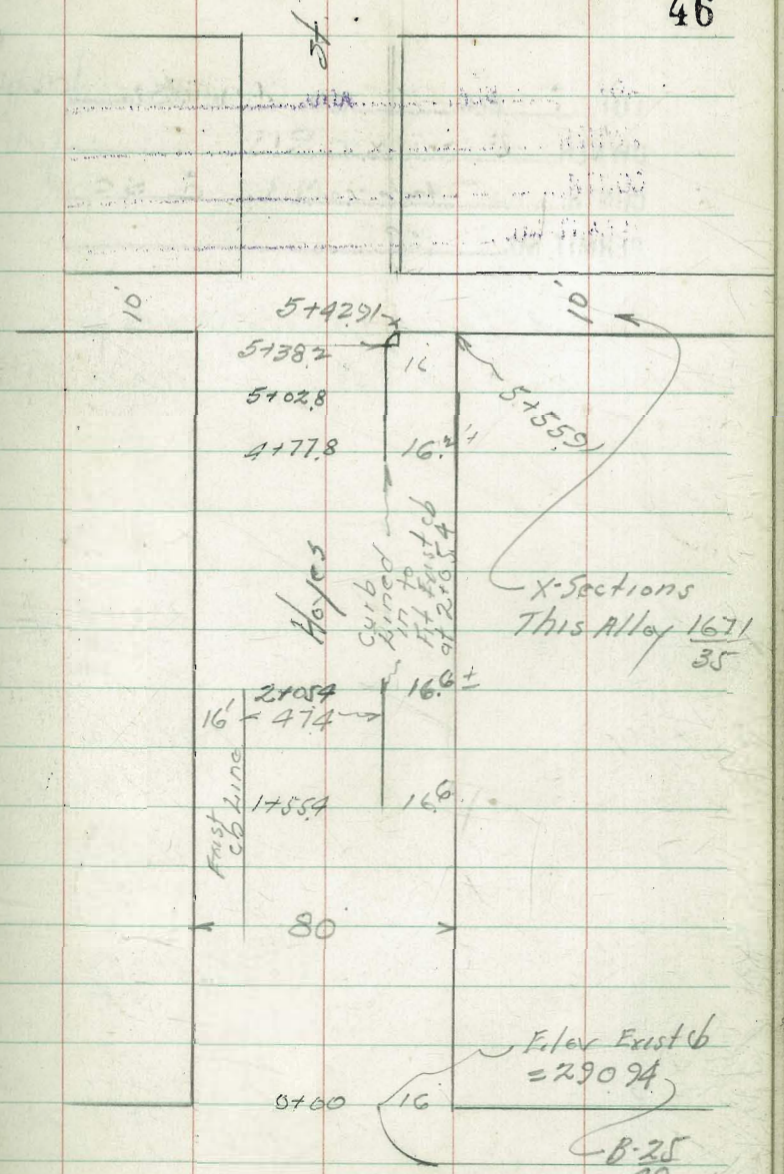
BM.
2.75 = S.W. B.P. Rosecrans & Garrison
6.72 +
9.47
1.42 -
8.05 T.P.
12.29 +
20.34 π
0.66 -
19.68 T.P.
5.75 -
25.43 π
12.0 -
13.39
2.01
15.40 π



Walker
Hendricks
Becker
Greer
11-13-46

LOT 36-37 BLK. 136 ADD. UNIV. HTS.
OWNER J. H. DOWDY
CONTR. TRUDELL
PERMIT NO. 456

	0.68	291.62		290.94	B.M. on cb N.W. Hoys & Vermont
Station W.L. Vermont =0+00					El. curb
1+55.4 } See B-25-Page 48					
2+05.4 }			11.55	280.07	280.05
		291.62			
T.P.	2.56	281.23	12.95	278.67	
3+00 = Brk					275.00
4+77.8			4.76	276.47	276.47
5+02.8			4.55	276.68	276.68
+38.2 = B.C. 3' Alley Radius 4.71			4.25	276.98	276.98
5+42.91 = E.C.			4.25	276.98	277.03
+55.91 = Prop Line at Alley			4.07	277.16	277.16
chk cb 0-20 = 35.14			3.71	277.52	



-0.05 Vermont

FB 1671-36

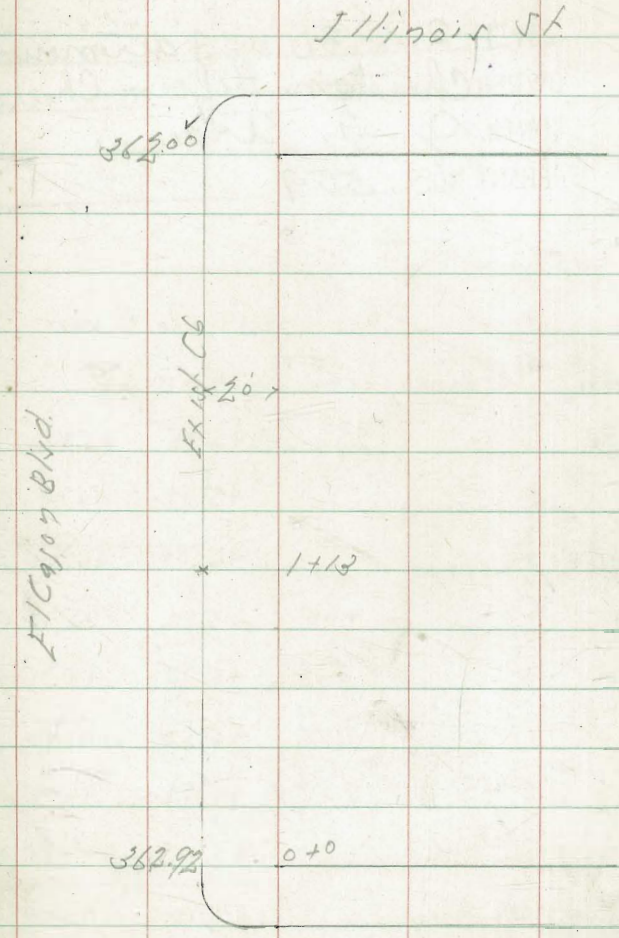
LOT ____ BLK. 117 ADD. Univ. Hts.
OWNER H. L. Lewis
CONTR. L.C. Anderson
PERMIT NO. 229

3 stakes off set 3' So. of Cb Face

BM	5.08	368.18	363.10	SE BP El Cajon & Ohio
0+0			362.92	5.26 = Ex in Cb
+25			362.84	5.34
+50			362.77	5.41
+75			362.69	5.49
1+0			362.61	5.57 6 out
+13			362.57	5.61 = Ex in Cb

Nov 19-46
Sisson
McCoy
Waddel
Filep

H.O. 210



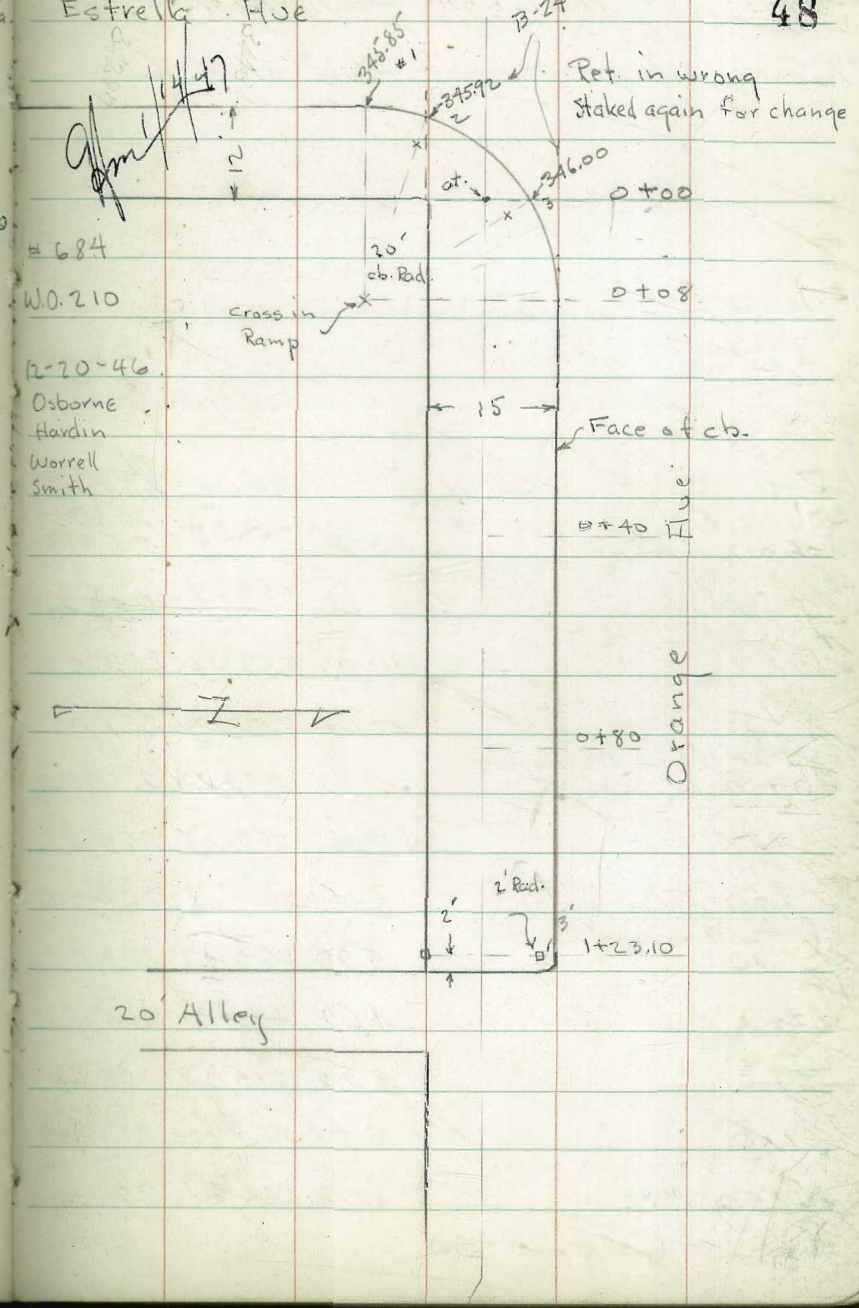
B.M. SEBP. 213 350.58 348.45 in steps Orange + Estrella

LOT 1-2 BLK. 30 ADD. Fairmount Heights
OWNER Christian Reform Church
CONTR. J. J. Arauzu
PERMIT NO. 559

	Rod	Est. Grade	El. stake	
Return - Grades from B-24 P. 65				
#1 = P.C.	4.70 +5.88	345.85	45.88	Meet Here
#2	4.58 46.00	45.92	46.00	C 0.08
#3 = 0+00	4.55 46.03	46.00	46.03	C 0.03
0+08	4.65	45.93 +.65	45.93	
0+30	4.83	45.75 +.83	45.75	
0+60	5.08	45.50 5.08	45.50	
0+90	5.59	44.99 5.59	44.99	
1+25.10 = W.L. Alley	6.73	43.85 6.73	43.85	
S.L. Orange + W.L. Alley	6.58	44.00 6.58	44.00	

stakes 3' Back of cb. face except on Alley - 2' back - Pole in way of 2' Rad. stake - set 3' back of Orange cb.

Estrella Ave



Walker
Hendricks
Becker
Greer
1-13-47

Brant St. Curb Grades
on West side from N.L. Washington
450' North
Improvement Plan #6214-L

Posted
gfm 1/14/47

F.B. 179-P-64
= BM N.W. B.P. Washington and Albatross = 276.99
0.84
277.83
11.66 "
266.17 T.P.
0.26+
266.43 π
6.33 -
260.10 T.P.
9.01
269.11 π
0.50 -
268.61 T.P.
6.70 "
275.31 π

W.L. St. Station	269.11 π			El. Top curb	Cuts & Fills	offsets.	
2.3' West of Cb B.C. on Washington		10.18	258.93	258.93 ~~258.99~~	0.00	3'	chk NE 7' tack Washington & Brant
Cb B.C. "10" Cb R		10.14	258.97	258.97 ~~259.00~~	0.00	3'	
Part 1		10.09	259.02	259.02	0.00	3'	
" 2		10.02	259.09	259.09	0.00	5'	
Part 3 = N. Line Washington = 0+00 = E.C. 10' Cb R		9.89	259.22	259.22	0.00	6'	
+25		9.06	260.05	260.41	-0.36	3'	
+50 = Brk		8.05	261.06	261.60	-0.54	"	
+90		5.99	263.12	263.21	-0.09	"	
1+30		4.69	264.42	264.82	-0.40	"	
+70		3.22	265.89	266.43	-0.54	"	
2+10		2.01	267.10	268.04	-0.94	"	
2+50 = P.V.C.		0.50	268.61	269.64	-1.03	"	

Cont. P-50

Brant St. Curb Grades
Cont. from P-49

N. Line Station		π 275.31			El. Top cb.	Cuts + Fill	offsets
2+75 =	Bk.		6.25	269.06	270.38	-1.32	3'
3+00 =	"		5.54	269.77	270.70	-0.93	"
+25 =	"		5.39	269.92	270.65	-0.73	"
3+50 =	" = E.V.C		5.54	269.77	270.18	-0.41	"
4+00			6.51	268.80	268.84	-0.04	"
4+50			7.45	267.86	267.50	+0.36	"
Chk Top cb 4+00.3 on East FB179 - P-66			5.91	269.40 269.37 0.03			

Walker
Hendricks
Becker
Greer
1-13-47

(Restake) Curb Grades -
on North Side Trojan Ave
and
Intersection 53rd St
Sketch P-36.

BM. SE Top Fire Hyd
53rd & Trojan
Page 35

2,32 340.20 337.88

Station			El. Grade Top cb.	Cuts & Fills	Offsets		R	Exist cb
0+00		10.89	329.31	328.95	+0.36	3		
+15.34 = Brk		10.48	329.72	329.26	+0.46	"		
+50		9.65	330.55	330.00	+0.55	"	10.30	329.90
1+00		8.78	331.42	331.07	+0.35	"	9.11	331.09
+50		7.59	332.61	332.15	+0.46	"	8.03	332.17
1+93.06 = B.C. 20.46 cb Ret		7.37	332.83	333.08	-0.25	"		
BC +13.38 = Brk		6.75	333.45	333.40	+0.05	"		
" +26.76 = Brk		5.75	334.45	333.90	+0.55	"		
" +33.58 = E.C. on 53rd		5.35	334.85	334.20	+0.65	"		
B.C. of 1947 cb R NE 53rd on 53rd		4.80	335.40	334.60	+0.80	"		
℄ Ret		5.69	334.51	334.38	+0.13	"		
2+63.25 = E.C. 1947 cb Ret		5.47	334.73	334.58	+0.15	"		
3+00		4.82	335.38	335.37	+0.01	"	4.82	335.38
+50		3.60	336.60	336.44	+0.16	"	3.62	336.58
4+00		2.48	337.72	337.52	+0.20	"	2.58	337.62
+35.35		1.69	338.51	338.28	+0.23	"	1.72	338.48
+55.35		1.31	338.89	338.92	-0.03	"	1.38	338.82
		1.21	338.99	338.97	0.02			

Stake Curb Blk 3 in Florence Hgts Add. 1-28-47

Replace 12' Curb + Walk

at 335 W. Lewis.

Sommermeyer
Green

B.P.-S.E.Cb = BM	2.64	286.65	—	284.01	Lewis & Albatross

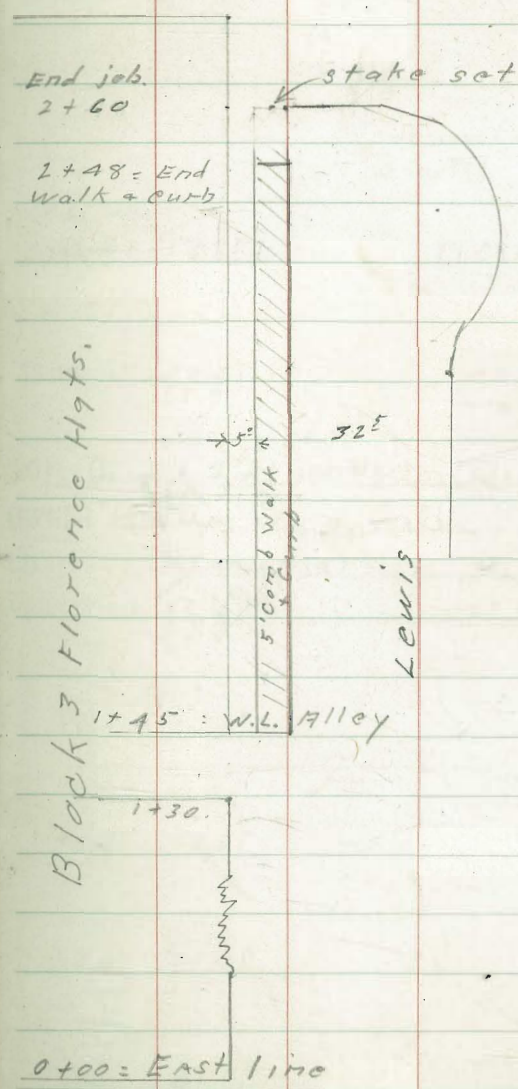
X-Sec. Levels on S. Cb.

0+00		286.65	3.05	283.60	
1+00			3.71	282.94	
2+00			5.29	281.36	
+48	End of Curb		5.80	280.85	280.5
2+60			Broken		280.39
"	Paving		6.75	279.90	

Taken from Profile #576

Curb El.
2+48
280.85
5.80
Remains as is.

286.65
2+60
280.65
6.00 ← set.



1-30-47

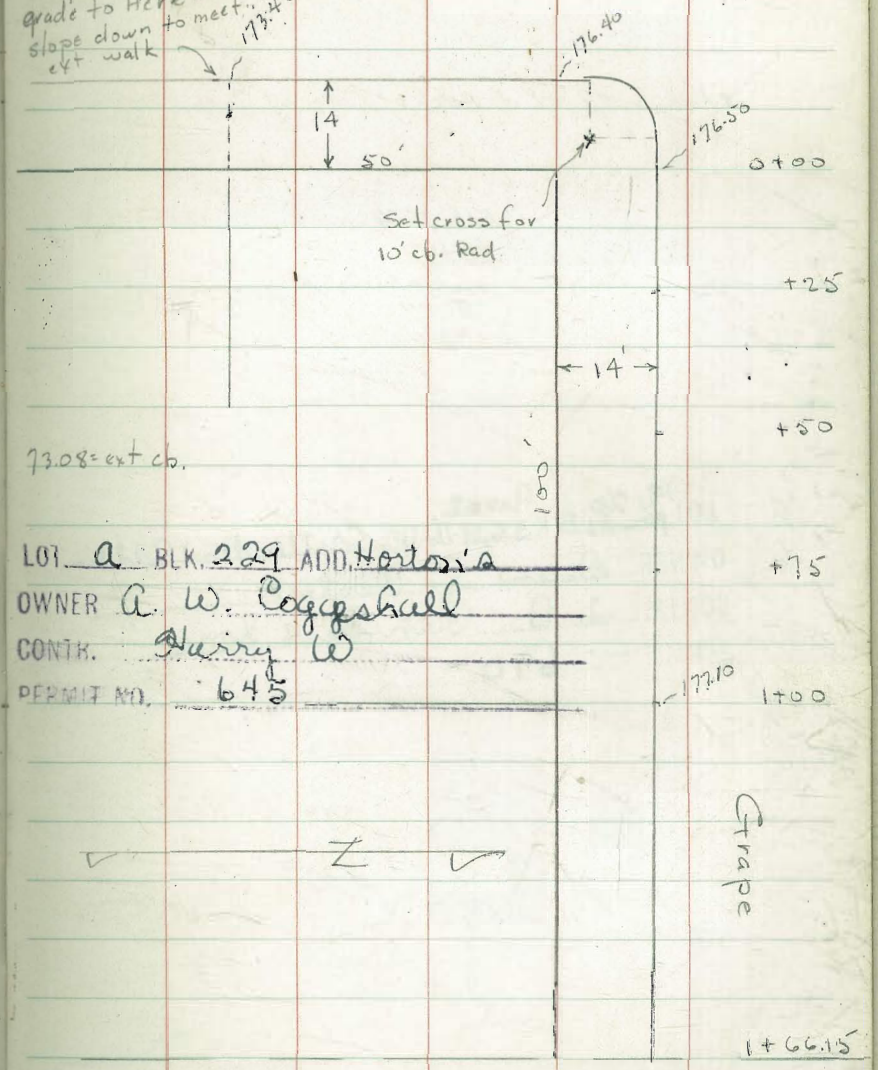
Curb Stakes - 5th + Grape 7.0

754

W.O. 230

Stakes 3' Back

BM	4.68	183.19	178.51	N.W. 5th + Grape
E. cb. of 5th 50' S. of S.L. Grape on			173.42 9.77	
S.L. Grape + E.cb. 5th			176.40 6.79	
E.L. 5th + S. cb. Grape = 0+00			176.50 6.69	
0+25			76.65	6.54
+50			76.80	6.39
+75			76.95	6.24
1+00			77.10	6.09



77.17 = ext. cb.

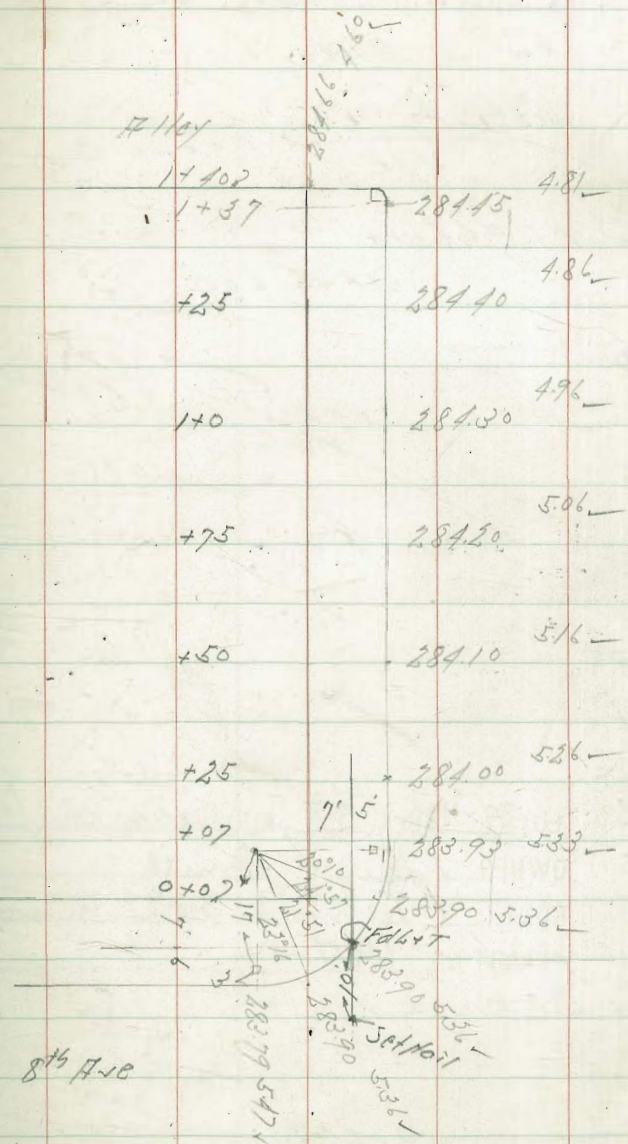
Curb Grades South Side University Ave
West Line 8th St to Alley West
Also 20' Curb Radius S.W. Cor. Univ. + 8th St

Stakes offset 3' Back of Face of Curb

Feb. 7-47
Sisson
McCoy
Waddel
Allen
W.O. #210

LOT 19, 20 ~~pow. 21~~ BLK Resul. 5,6,15-16 ADD. Crittenden Addition
OWNER Dean C. Benter
CONTR. J. B. Penick & Sons
PERMIT NO. 670

BM	4.88	289.26		284.38	N.W.B.P. University + 8th St



Curb stakes set
on S side Lotus

39 to 42
98 Ocean Bay Beach

6+00 EL Abbott 2.50
6.49
old cb. Low 6.59
0.10

4+50 4.12
4.87

Est. grade

4+00 4.66
4.33

2+75 6.00

2+25 6.30

LOT 39-42 BLK. 98 ADD. Ocean Bay Beach
OWNER Dan J. C. Smith
CONTR. Diamond Construction Co.
PERMIT NO. 697

0+00 WL Bacon 8.50
3.02
3.03
old cb Low → 0.01

Abbott St.

Moore
Bega
Green
Roberts
2-21-47

7' CT
6+00 2.50

2.47 = BMBP S.W. Voltaire + Abbott
5.46
7.93
3.76
4.17
4.82
8.99
2.37
6.62
4.90
11.52

4+50 4.12

4+00 4.66

Lot 6 0

2+75 6.00

Chamberlain CT.

2+25 6.30

← 50 →

0+00 8.50

← 7' CT

Bacon

Stake Curb Front + E

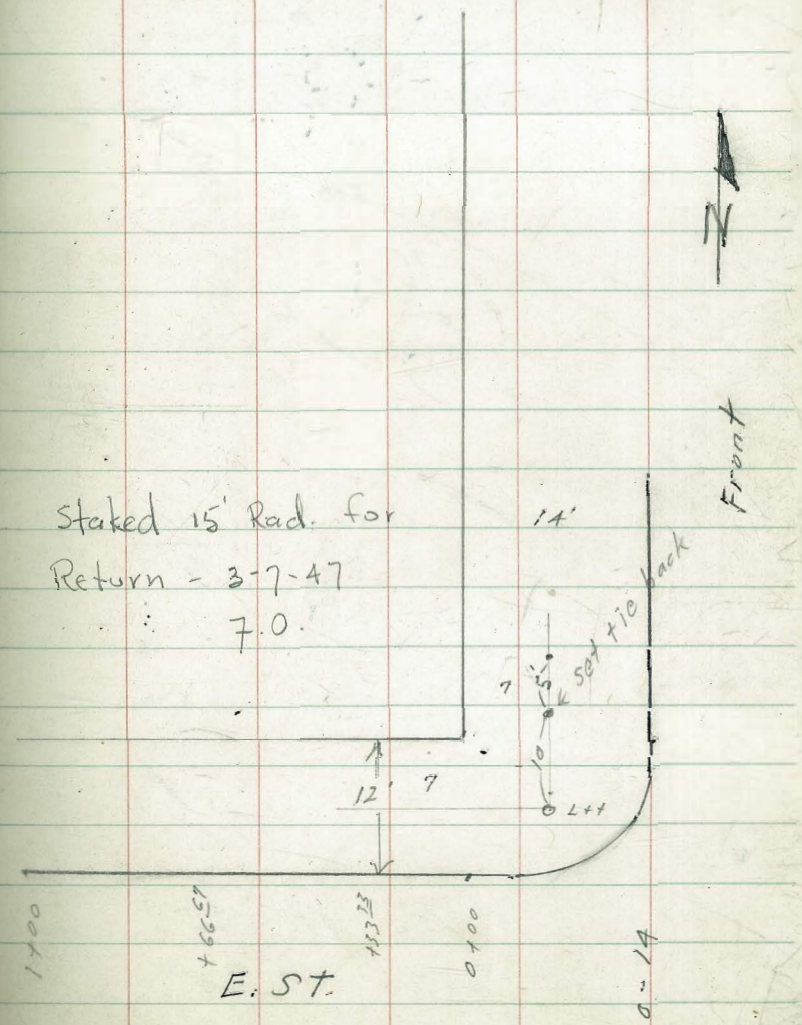
Lot 6 Blk. 56. W.O. 210

Sommermyer
W Moore
J. Green
3-3-47

S.W.B.P. Union + E	7.99	31.96	—	23.97

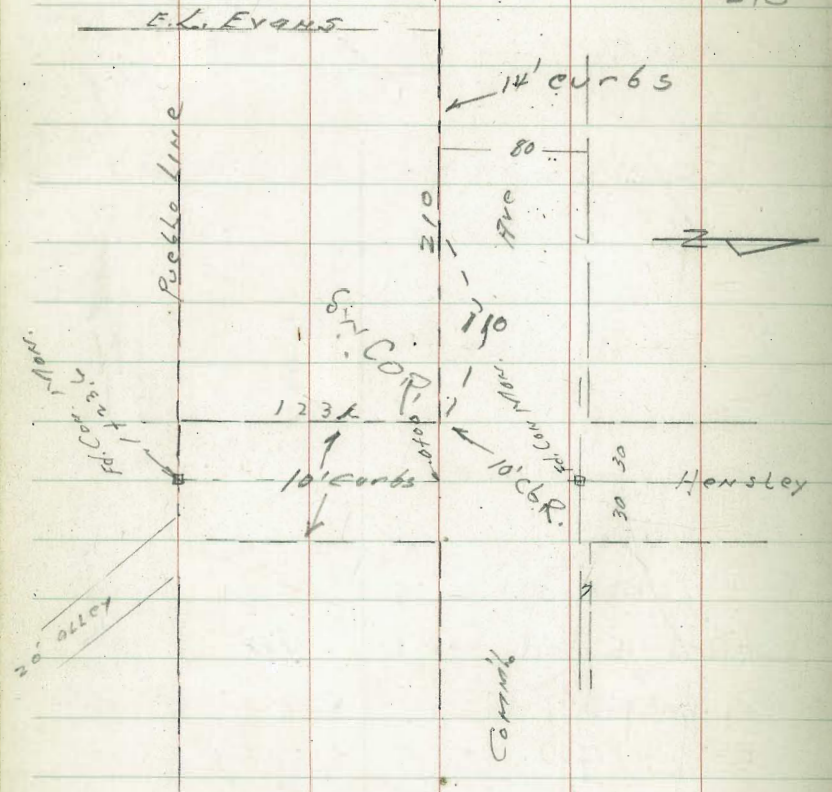
Stakes set 3' N. Curb face

0-14	Profile 28.00	4.03	27.93	IN
0+00	Profile 28.00	4.06	27.90	IN
+33.33		4.54	27.42	set
+66.67		5.03	26.93	set
1+00	Profile 26.50	5.52	26.44	IN



Levels on Hensley, Comm'l Sly. to Pueblo Line P. 58

W.O. #210



T.P.	2.79	71.51	8.56	68.72
T.P.	1.76	77.28	2.88	75.52
N.E.B.P.				
L + 27th	1.94	79.40		77.46

Moore
Begg
Green
Roberts
3-21-47

to establish curb grades.

4.23 70.80 66.57 ← B.M. P. 58

grades W side Hensley

0+00 S.L. Com.	0+50	1+00	1+23 ft
65.50	66.11	66.71	67.00
5.30	4.69	4.09	3.80

Grades S. side Comm'l.

0+00	0+55	1+10
65.50	65.37	65.24
5.30	5.43	5.56

Note! stakes set 2' back of curb line — and to curb grade —

T.P. Wend Top Curb
NW Cor Comm'l.
and Hensley 4.9V. 66.57

1+23.6 Pueblo Line

1+00

0+67 ℄ 3' walk.

0+50

0+16 ℄ 3' walk

0+00 = S L Comm'l.

71.51

0-14

Lt = East ℄ Rt = West

67.5	68.1	68.4
4.0 / 30	3.4	3.1 / 30
67.3	67.1	67.8
4.2 / 30	4.4	3.7 / 30
66.74		
4.76 / 30		
66.4	66.4	66.9
5.1 / 30	5.1	4.6 / 30
66.1		
5.4 / 30		
66.0	65.6	65.9
5.5 / 30	5.9	5.6 / 30

ground approx. .5 High

65.00
6.51
240

Top Cb. Ret. →
S.E. Cor. Evans + Comm'l.

Stake curb & walk - Lots 35 to 40 - in Block 220

Pac. Beach 4-2-47

Osborne
Hardin
Smith
Worrell

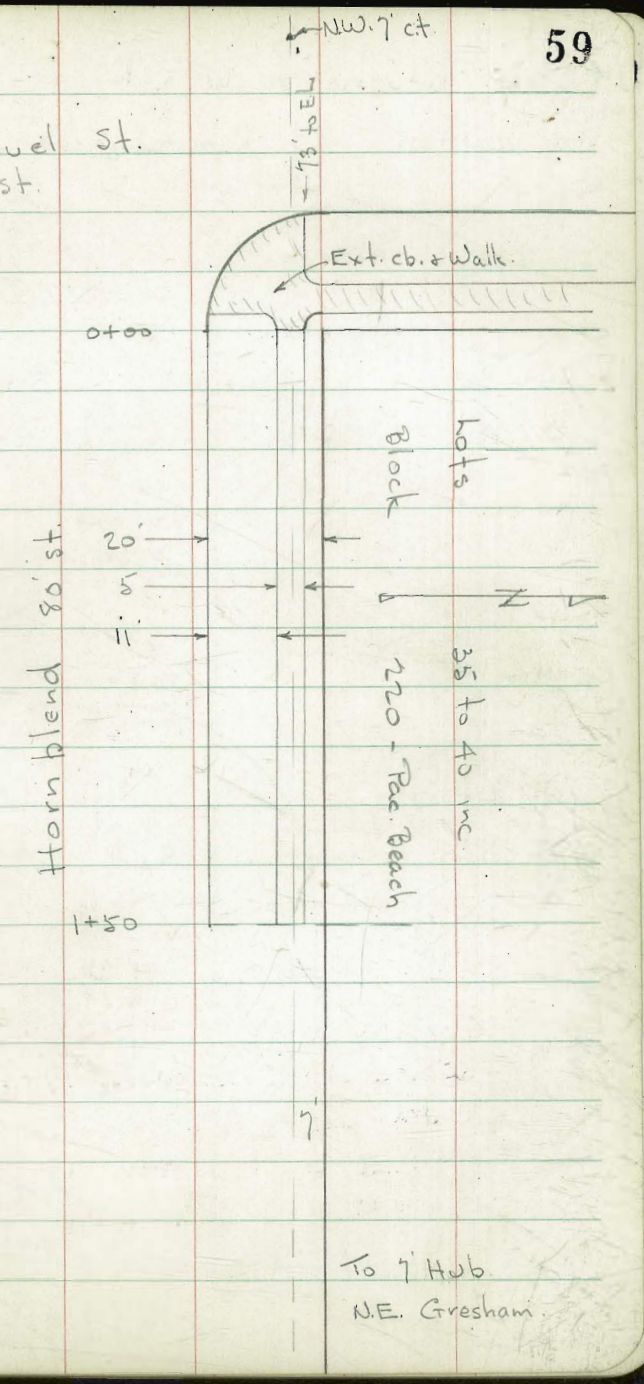
#961

W.O. 210

B.M.	0.79	46.39	45.60	S.W. 7' ct. Garnet & Fanuel
			cb. grade	
0+00 = E.L. Fanuel st.	Ext. cb. 4 35	42.04	42.05	
				Rods
+50	Stakes - 3 Back		42.36	4.03
Noted on Stakes - 8' S. of S. edge of 5' walk				
1+00			42.66	3.73
+25			42.81	3.58
1+50			42.96	3.43

May use last 25' - so staked if needed

LOT 35-40 BLK. 220 ADD. Pacific Beach
OWNER R. L. Hanneman
CONTR. Cameron Bros.
PERMIT NO. 772



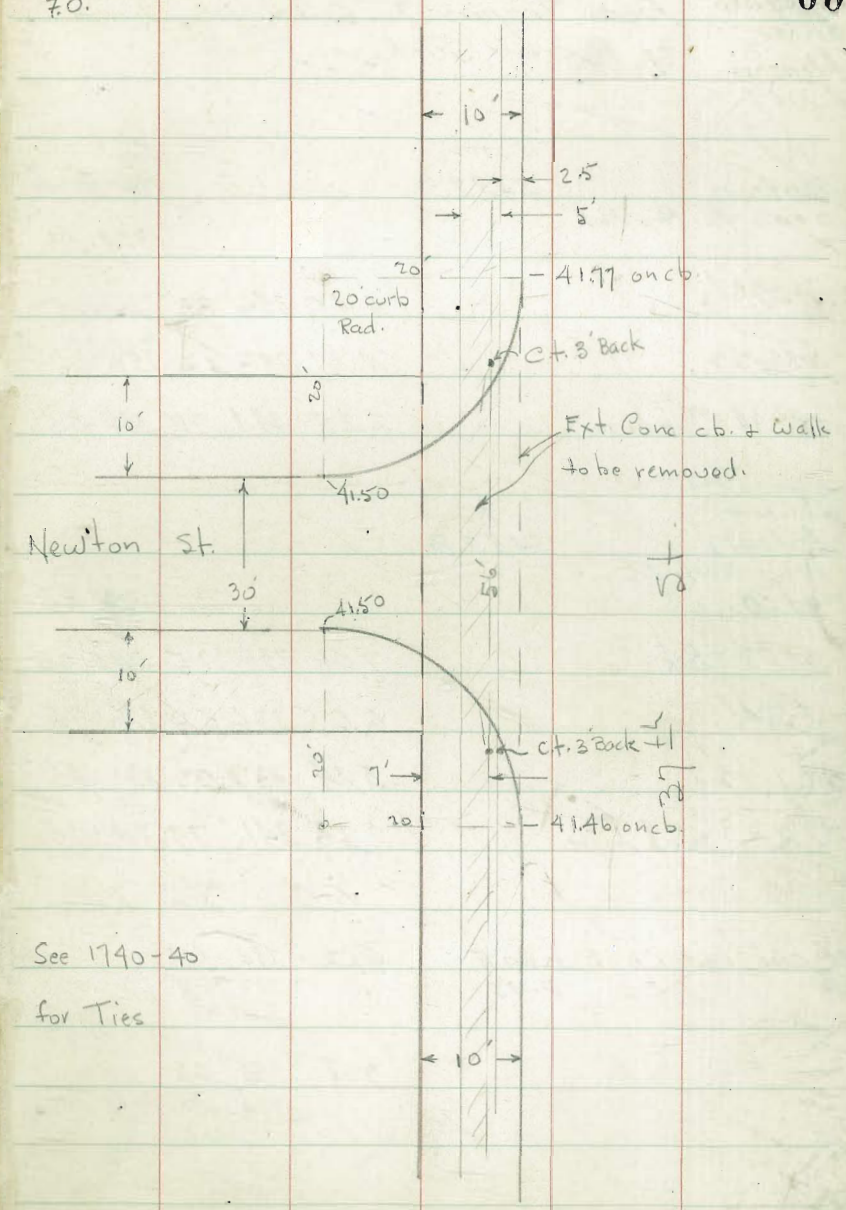
Stake Returns on W. side 37th for opening to Newton. 20' Radius Returns.

#968 4-4-47

W.O. 230 7.0.

N.W. Return				Est Grade	.59
37th P.C.	ext. cb		5.59 41.77	41.96 5.40	
1/2			New grade 41.64 5.72	41.73 5.63	5.72
Newton P.C.			6.86	41.50 5.86	F 1.00
S.W. Return					
37th P.C.	on cb.		5.90 41.46	41.52 5.84	
1/2			New 41.48 5.88	41.51	5.88
Newton P.C.			7.36	41.50 5.86	F 1.50
B.M.	0.47	47.36		46.89	

checked 4-21-47
7.0.



See 1740-40 for Ties

Walker
Hendricks
Becker
Johnson
4-9-47

Const. Grades on 53rd St.
From Trojan To Subdivision Line
of Andrew Jackson Tract

S.P. edge Walk
P-36

338.97
4.26
343.23

W.L. Station	π 343.23			Elev. Prop. Grade	
0+00 = B.C. Prop Rad.				334.55	
				1.78	
+29.61		6.40	336.83	336.33	+0.50
+59.22		4.31	338.42	338.11	+0.31
+88.84 = Sub Line		2.25	341.98	339.88	+2.10

E Line Station	π 343.23				
Prop Rad. E.C. = 0+00				334.85	
+05 = Brk		7.08	336.15	335.05	+1.10
				1.70	
+33.41		6.65	336.58	336.75	-0.17
28.41					
0+61.82		5.24	337.99	338.45	-0.46
0+90.23 = Sub Line		2.50	341.73	340.16	+1.57

chk and cb Rot on E
P-35

8.62 334.61
334.60
0.01

9.01 334.22
334.20 P-35
0.02

Curb Stakes - Lot 48 - Block 5

Bungalow Add.

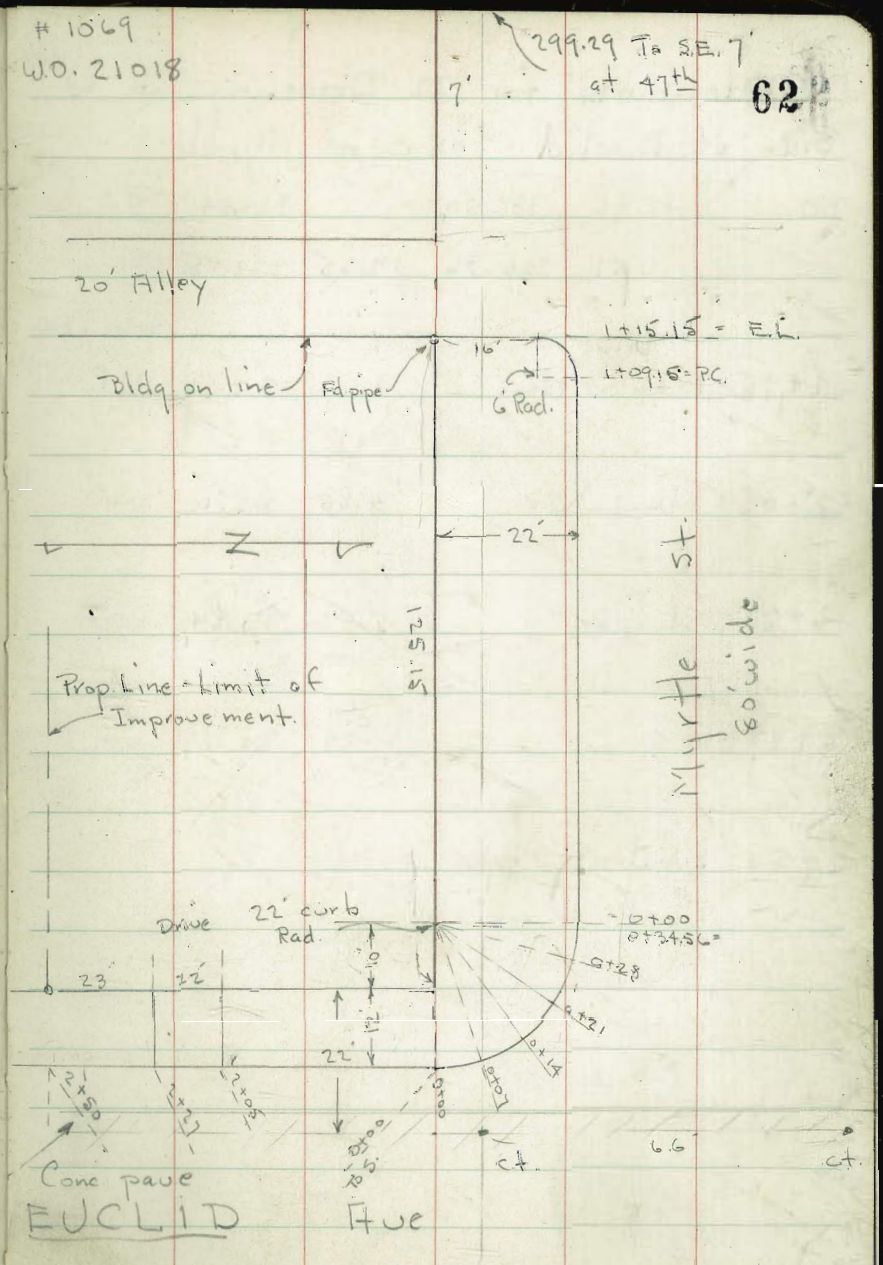
5-7-47
Osborne
Hardin
Smith
Worrell
N.E. 7' ct. 47th
& Myrtle
B=1736-49

B.M.	10.42	334.96	324.54	
			Est. Grade	
Euclid cb. line				
0+00 = P.C. 22' Rad. Ret on		3.31	331.65	Stakes 3' Back
+07		3.18	31.78	
+14		3.16	31.80	
+21		3.24	31.72	
+28		3.38	31.58	
cb. Line = 0+00 to W.				
1+34.56 = E.C. on Myrtle		3.56	31.40	
0+35		4.71	30.25	
0+70		5.86	29.10	
1+09.15 = P.C. 6' Rad. Ret		7.14	27.82	
1+15.15 = E.L. Alley			27.62	= P.I. no stake
℄ Alley Ret.		7.33	27.63	
E.C. Alley Ret.		7.28	27.68	
S.L. Myrtle + E.L. Alley		7.12	27.84	8.12 = F-1.00 3' out

LOT 48 BLK. 5 ADD. Bungalow
OWNER Geo. H. Carter
CONTR. S. C. Hensley
PERMIT NO. 885

See page 63 for Grades on Euclid for Drive

1069
W.O. 21018



Grades (curb) for 22' Driveway on W. side of Euclid - 205' S. of Myrtle

B.M.	11.96	336.50		324.54 =	N.E. 7' of 47th + Myrtle
	2.51	326.36	12.65	323.85	
					Stakes 3' Back
1+95 = 10' N. of N.L.	Drive		3.68	22.68	4.18 = F 0.50
2+05 = N.L. 22' Dr.			4.25	22.11	4.25
2+27 = S.L. Dr.			5.52	20.84	5.52
2+37 = 10' S.			6.09	20.27	6.09
2+50 = Limit of Prop.					

check Cb. grades from P. 33
East side Evergreen
Dickens to Emerson

W.O. 25018

Moore Bogg Green Robertz 5-21-47.				Curb ← 5.67	edge walk	
0 - 6.34				19.70 7.31	19.84 7.17	
0 - 12.68				19.66 7.35	19.80 7.21	
0 - 19.68				19.63 7.38	19.77 7.24	
0 - 26.88				19.64 7.37	19.77 7.24	
0 - 33.77				19.53 7.48	19.67 7.34	
0 - 40.86	end old Cb.			19.41 7.74	19.43 7.58	
SWBP Fenelon and Evergreen	1.90	27.01	25.11	27.01		

	curb ← 5.67	edge walk →
	19.96	20.11
+25	7.05	6.90
	19.86	19.97
	7.15	7.04
	19.73	19.84
+75	7.28	7.17
	19.65	19.77
+50	7.36	7.24
	19.69	19.84
+25	7.32	7.17
	19.79	19.86
0+00 E.C.	7.27	7.15
	2701	

2+42.2 end Job

2+17.73 E.C.

2+04.42 Beg. Curb + walk

Gap in Job

1+77.79 = end Curb + walk

1+76.79

1+63.5

1+50.21 cb. B.C.

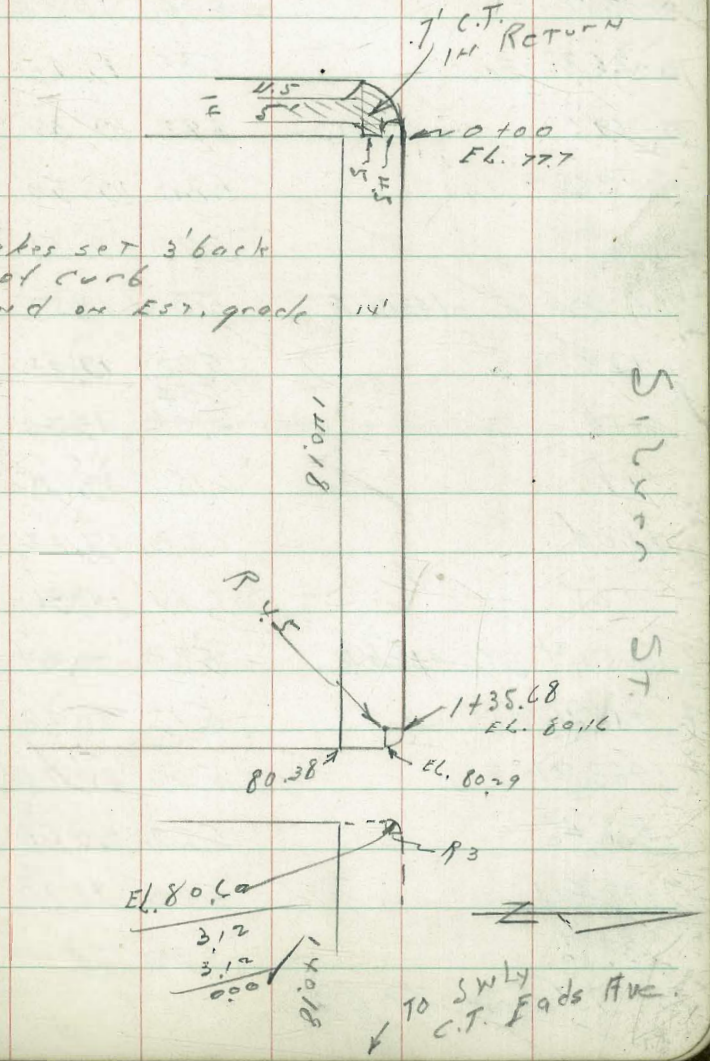
cb	edge walk
← 5.67 →	
17.82 9.19	17.97 9.04
18.74 8.27	18.88 8.13
19.17 7.84	19.29 7.72
20.11 6.90	20.21 6.80
20.01 7.00	20.18 6.83
20.06 6.95	20.16 6.85
27.01	

Stake 140' cb. etc
S side Silver St.
Moore Betw Draper & Eads
Begg
Green
Johnson
W.O. 21018
5-23-47

S.E.B.P.	1.10	87.14		86.04	Draper and Kline
T.P.	3.80	77.95	12.99	74.15	
T.P.	5.95	83.72	0.18	77.77	S.E. 7' C.T. Draper Silver
0+00 E.L. Draper				77.70	
				6.02	
				6.03	
				0.01 Low	Ex. cb. end
+50		78.60			
		5.12 ✓			
1				79.51	
				4.21 ✓	
1 +35.68 alley B.C.		80.16			
		3.56 ✓			
alley Ret. E.C				80.29	
				3.43 ✓	
S.L. Silver W.L. alley		80.38			
		3.34 ✓			

LOT 1-2 BLK. 10 ADD. La Jolla Park
OWNER Edwin & Alice Vaughan
CONTR. Robert Lee
PERMIT NO. 948

Draper St.



Walker
Hendricks
Becker
Johnson 6-30-47

Re stake Evergreen St. from Dickens to Emerson

(Orig. stakes P. 33)

P-42 P-33

B.M. Exist cb 0-4086 = ~~198~~ = 1928
602 +
25.30 ±

cb Line Stations	± 25.30	Rods	El. stakes	El. cb Grade	Existing cb. Cuts	offsets	
0-4086 = P.O.C. Existing cb				19.28 →			
0-33.77		5.92	19.38	19.38	0.00	7' Rt of cb Face	
0-26.88 = Brk.		5.85	19.45	19.45	0.00	"	
0-19.68		5.82	19.48	19.48	0.00	"	
0-12.68		5.80	19.50	19.50	0.00	"	
0-6.34		5.79	19.51	19.51	0.00	"	
0+00 = E.C. of 43' cb R		5.80	19.50	19.50	0.00	"	
+25		5.92	19.38	19.38	0.00	"	
+50		~~5.54~~ ~~6.04~~	~~19.76~~	19.26	0.00 ~~+0.50~~	"	Stake on Reset ~~Chisled cross in Conc. Drive~~
+75		6.15	19.15	19.15	0.00	"	
1+00		6.28	19.02	19.02	0.00	"	
+25		6.39	18.91	18.91	0.00	"	
1+50.21 = B.C. 43' cb R		5.23	20.07	18.80	1.27	9' Rt of cb Face	
+56.96		5.12	20.18	18.76	1.42	7' Rt	
1+63.71		5.09	20.21	18.70	1.51	"	
+70.46		5.22	20.08	18.65	1.43	"	
+77.21		5.20	20.10	18.60	1.50	"	
+83.96		5.30	20.00	18.51	1.49	"	

Re staked P. 71

Cont. P. 69

Evergreen St. cb. Grades
Cont. from P. 68

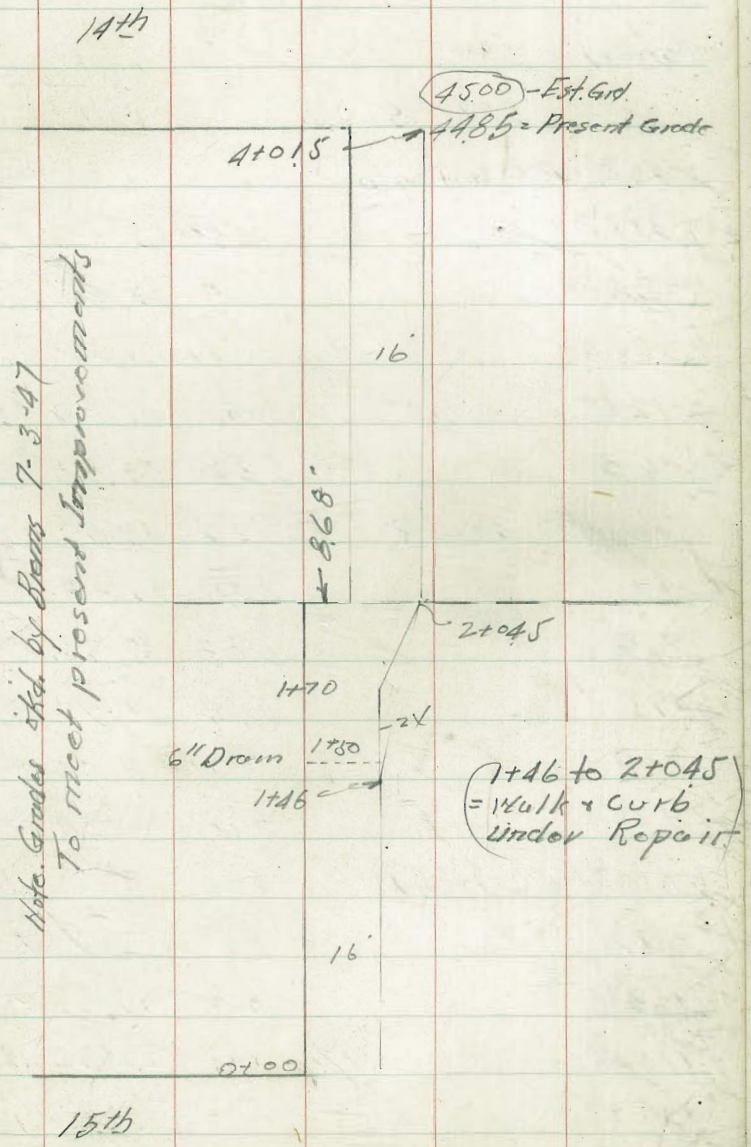
cb Line Stations	25,30	Rods	El. Stakes	El. cb Grade	Cuts	offsets	
1+90.71		5.52	19.78	18.41	1.37	7' Rt. of cb. face	Restaked See P. 71
+97.46		5.85	19.45	18.30	1.15	"	
2+04.21		6.11	19.19	18.22	0.97	"	
+10.96		6.09	19.21	18.11	1.10	"	
2+17.73 = cb E.C. 43'R		6.34	18.96	18.00	0.96	"	
+42.73 = End Fenelon		6.66	18.64	17.45	1.19	6.13	Nail in Pole from cb face
chk B.M. = Evergreen P-133		0.19	25.11 ✓				

Walker
Hendricks
Becker
Johnson

Curb Grades - Market St
Between 14th & 15th
on West side Market

7-3-47	167	4859		46.92	N.W. B.P. Mkt + 14th
T.P.	193	39.59	10.93	37.66	
0+00 = W.L. 15th on cb			999	29.60	
+50	on cb.		835	31.24	
1+00	" "		6,55	33.04	
+46			4.77	34.82	35.00
1+70 2+045 = Light Std.			267	36.92	37.18
2+50			0.60	38.99	
T.P.	922	4844	0.37	39.22	
3+00			7.47	40.97	
+50			5.52	42.92	
4+01.5 = cb E.L. 14th			3.57	44.87	
Chk BM.			1.52	46.92	

		π Above 39.59			cb.
1+46					35.00
+50			443	35.16	35.16
1+70			3.48 ~~3.63~~	36.11 ~~35.96~~	36.11 — Brk ~~35.96~~
2+045			2.77	36.87	37.18



Note. Grades ckd. by Brons 7-3-47
To meet present Improvements

Walker
Becker
Johnson
Melton
8-11-47

Re-stake Curb on Evergreen from Dickens to Emerson

Station			on cb BM. 0-40.86		Cuts	offsets
	5.81	25.09	19.28	El. Cb.		
0-40.86 = P.O.C. Existing cb				19.28		
0-33.77		5.71	19.38	19.38	0.00	7' Rt.
0-26.88		5.64	19.45	19.45	0.00	"
0-19.68		5.61	19.48	19.48	0.00	"
0-12.68		5.59	19.50	19.50	0.00	"
0-6.34		5.58	19.51	19.51	0.00	"
0+00 = B.C. 43' cb R		5.59	19.50	19.50	0.00	"
+25		5.71	19.38	19.38	0.00	"
+50		5.83	19.26	19.26	0.00	"
+75		5.94	19.15	19.15	0.00	"
1+00		6.07	19.02	19.02	0.00	"
+25		6.18	18.91	18.91	0.00	"
1+50.21 = E.C. 43' cb R		5.69	19.40	18.80	0.60	5' Rt.
+56.96		5.20	19.89	18.76	1.13	7' Rt
1+63.71		5.21	19.88	18.70	1.18	"
+70.46		5.17	19.92	18.65	1.27	"
+77.21		5.18	19.91	18.60	1.31	"

Evergreen
Cont. from 10-71

				El. cb. Grade	Cuts	offsets
	25.09					
1+83.96		5.12	19.97	18.51	1.46	7' Rt.
1+96.71		5.36	19.73	18.41	1.32	"
+97.46		5.94	19.15	18.30	0.85	"
2+04.21		5.82	19.27	18.22	1.05	"
+10.96		5.94	19.15	18.11	1.04	"
2+17.73 = E.C. 43 cb R.		6.18	18.91	18.00	0.91	"
+42.73	chk Nail in Pole P-69	6.45	18.64	17.45	1.19	"

Stake curb Lot. V.L. 382
Valle Vista Tract.
at 4788 Panorama Street
V.V.O. # 21018 8-22-47

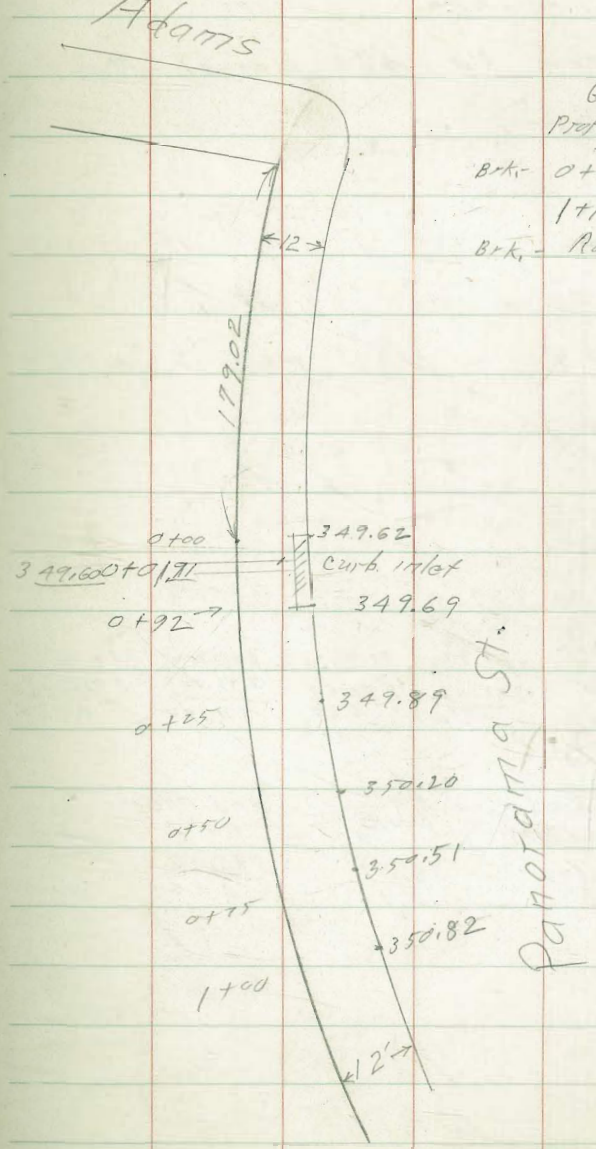
Sommermeyer
W. Moore
Sherman
Lamore

S.E. B.P. Madison & Louisiana	7.96	350.27	—	342.31
	5.27	355.00	0.54	349.73

0+01.91
349.60
5.40
5.39
0.01 ← O.K. for check

top curb at curb. inlet

0+00	0+09.2	+25	+50	+75	1+00
349.62	349.69	349.89	350.20	350.51	350.82
5.48	5.31	5.11	4.80 ✓	4.49 ✓	4.18 ✓
	5.39	Set at 349.86 Red 5.14			
	−0.08 ↑ Low.				



Grades Per. Profile # 722
Brk. 0+01.91 = EL. 349.60
1+12.56 = EL. 351.00
Brk. - Rate = 1.26%

Wilson Ave.

Curb stakes. From

El Cajon to 456' No. of N.L.

El Cajon

Stakes set 2' East of

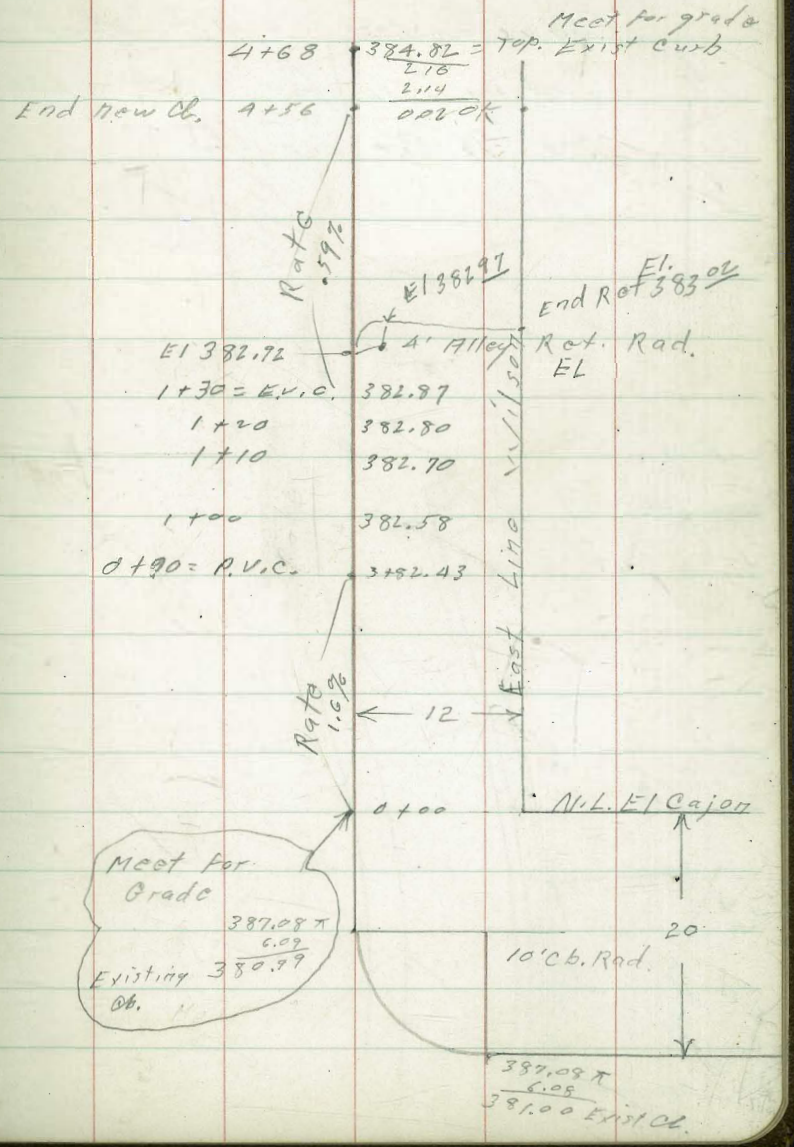
curb face except at E.C. at

0-10. there Nail set 2' west

Fill of .

S.W.B.B.
El Cajon
+ Wilson 7.00 387.08 — 380.08

	Meet Cl.	P.V.C 0+90	1+00	1+10	1+20
E.C. Rot. 0-10 380.99 6.09 6.73 F 0.64	0+00 380.99 6.09	382.43 4.65	382.58 4.49	382.70 4.38	382.80 4.28
1+30 E.V.C. 382.87 4.21	4' Rad Alley Rot 382.72 4.16	#0 North 382.99 4.11		End Alley Rot 383.02 4.06	



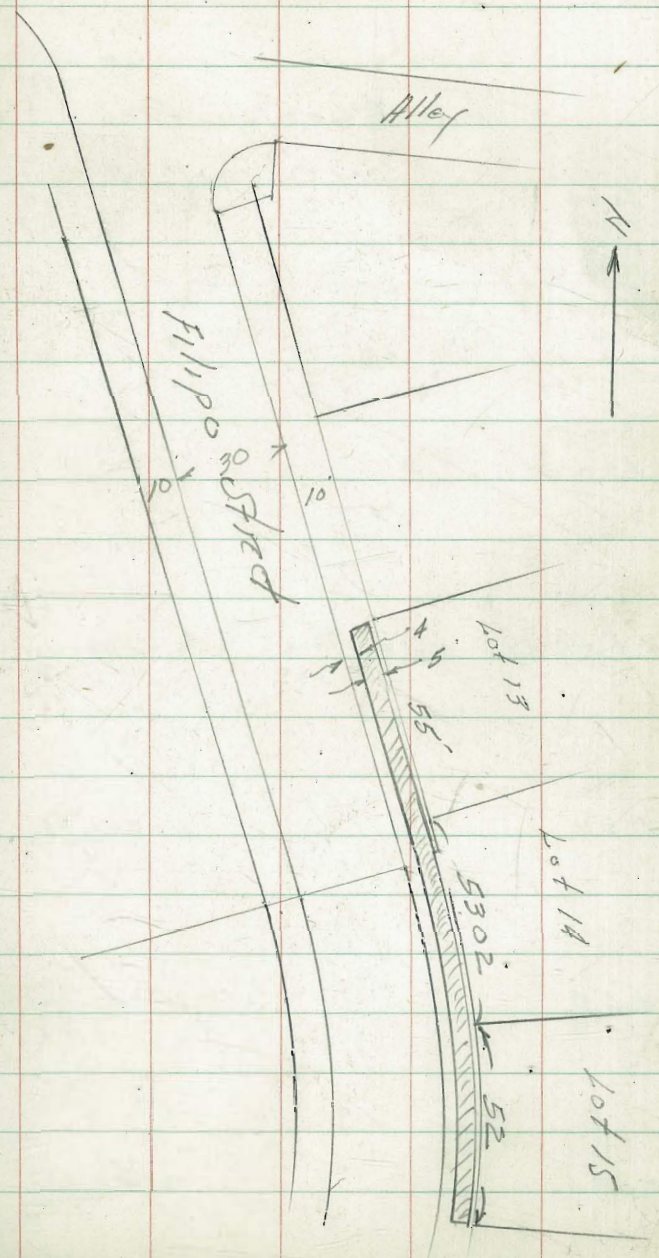
Walker
Hendricks
Becker
Johnson
11-5-47

Grades - Sidewalk

Filipo St. - Lots 13, 14, 15

(WO 21018)

Note: Located Existing Lot Lines
Contractor Instructed to Meet
Existing Curb for Grade & Line
per 1/8" Rise per ft.



Curb grades

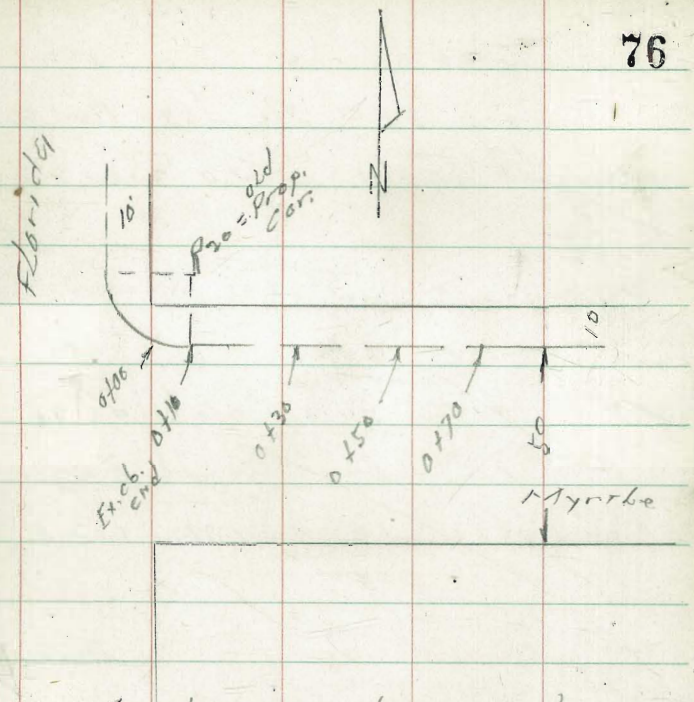
60' N. side Myrtle

at Florida St

W.O. 21018

Moore
Begg
Green
Roberts
11-7-47

			26-27	
			2.57	
			V.H.	
B.M. Top S.E. F.H. Florida & Myrtle	5.67	205.97	200.30	1671-28
0+00				
0+09.5 end Ex. cb. Pot.			200.40	1671-29
			5.57	
0+30			201.35	
			4.62	
0+50			202.64	
			3.33 ✓	
0+70			204.33	
			1.64	



Stakes set to grade
3' back

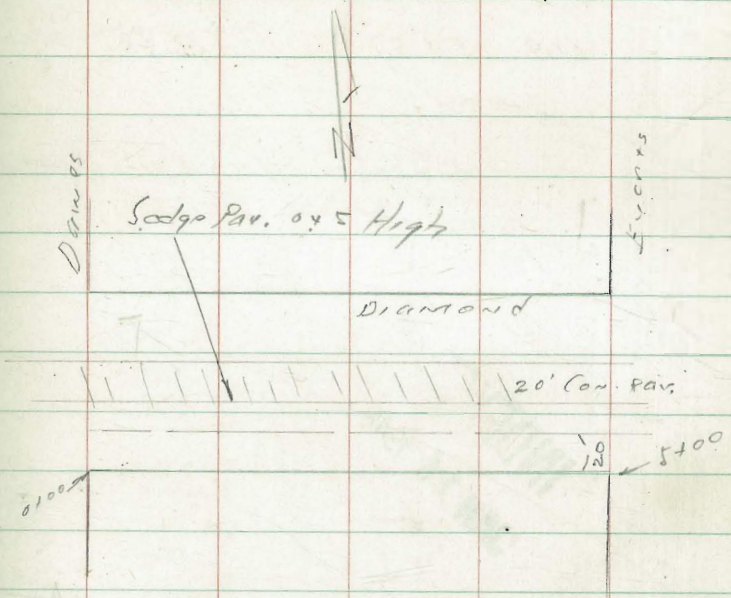
Curb grades

Lots 5-6 Blk 159 Pac. Beach

W.O. 21018

Moore
Bogg
Greer
Roberts
11-12-47.

NWBP Garner Evens	7.51	47.04		39.53	
T.P.	7.15	54.13	0.06	46.98	
T.P.	8.75	62.46	0.42	53.71	
T.P. Top curb	2.83	63.37	1.97	60.49	60.50 5+00
0700	E.L. Dawes			52.0	
1+00	W.L. Hs			53.70 / 9.62	✓
1+50	E.L. Hc			54.55 / 8.77	✓
5+00	W.L. Evens			60.50	



20' curbs

5' walk 1' from P.L.

Stakes set to grade and 3' back

LOT 5-6 BLK. 159 ADD. Pacific Beach
OWNER I. F. Bolte
CONTR. Clarence E. Rathbun
PERMIT NO. 1592

Curb Grades N.W. Corner
Market + 13th Sts.

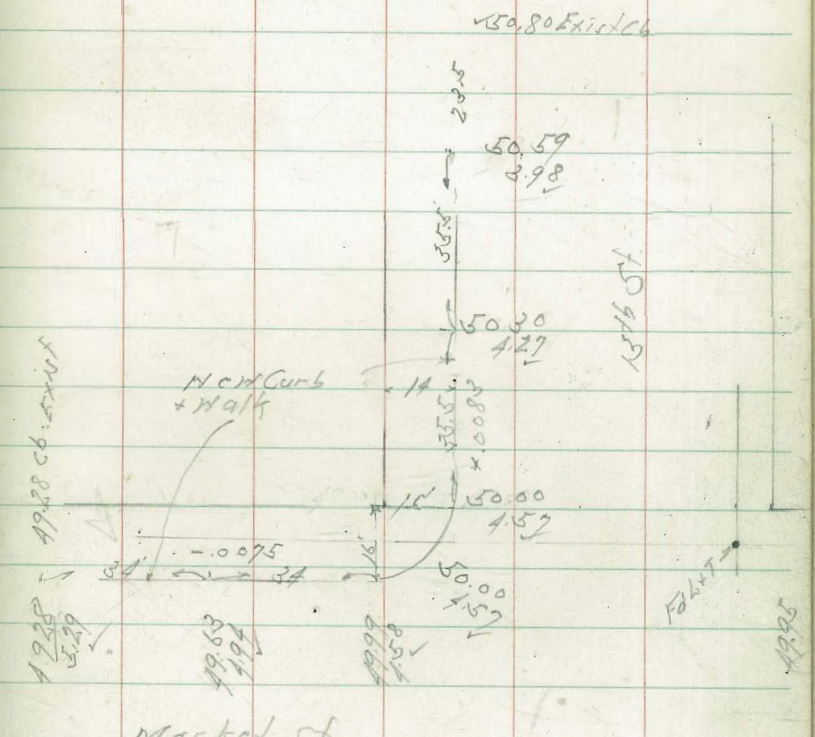
BM	6.09	54.57		48.48	S.W.B.P. Market + 13th

5 Stakes offset 3 Back of Face of Curb

INDEXED
JAN 16 1948

48.45 cb At 13th

Jan. 15. 48
Sisson
Allen
Smith
W.O. 21018



DIETZGEN'S RAILROAD CURVE AND REDUCTION TABLES

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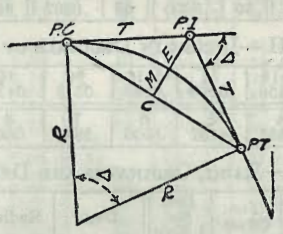

CURVE FORMULAS

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

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

Middle ordinate$=M=R(1-\cos. \frac{\Delta}{2})$ (5)$=R\text{vers}\,\frac{\Delta}{2}$ (6)

External$=E=T\tan\frac{\Delta}{4}$-(7)$=R\div\cos.\frac{\Delta}{2}-R(8)=R\text{exsec}\frac{\Delta}{2}$(9)

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

EXPLANATION AND USE OF TABLES

Stations.—Given P. I.=Sta. 161+60.35 to find Sta. of P. C. and P. T. $\Delta=62°\ 10'$ $D=8°\ 20'$. From Table IV for 1° curve T=3454.1 and $\div 8\frac{1}{3}$=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 $(54.50\div 100)^2$=2.16 ft. Also square of any distance divided by twice the radius equals (approximately) the distance from tangent to curve. Thus $(54.50)^2\div(2\times 688.26)$=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 $8\frac{1}{3}$=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 $\div 8\frac{1}{3}$=115.27 and from Table V correction=.10 or E=115.37 ft. Or suppose Δ=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′.

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4.82
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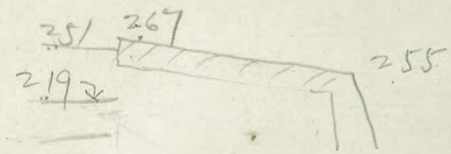
2.19
.32
2.51



7.01
4.76
2.31

B-30 or 31

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.

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