B-28

DIETZGEN

ENGINEERS'

LEVEL BOOK

No. 410F

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-28

M. Sturak
86545
Lon Cable

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

Made in U. S. A.

Stake Curb grades Hugo & Scott	45
Stake grades & curbs Udal; Worden to Warrington	47
Stakes - 100' n. of Udal on Warrington	48
" N. side Pac. Beh. Dr. - West of Haines	49
" Lots 5+6 - Blk. 6 Pac. Beach Vista	50
Lots 1-24 Blk 208 Univ. Hts	51
Lot 1 - Blk 35 Pt. Loma Hgts	55
TRUMBALL + AKRON - N.W. Cor.	61
Curb stakes Blk 75 - Roseville	62
Olney St. North of Hornblend	63

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200' (Lots C-D-E+F) Blk 25 - Hortons	3
6th & B - N.E. Return	4
4189-49th & 4919 Orange. (Lots 1+2 Fairmount)	7
Lot 9 Blk "E" Bellecrest	8
" 23-24 Blk 1 Venice Park	9
" 6-7 " 36 Pt Loma Hts	11
N.E. Monte Vist + Fern Glen	17
614 So. 28th St. Lot 36 Blk 243 S.D.L.+T. Add.	18
Island cl. Narragansett Chastworth + Macaulay	21
Winchester to Roanoke. calle Serena	26
	22
Quimby N. side Rosecrans to Locust Quimby + Locust Ely, Ret.	25
Winchester St. Ties	27
Blk 207 Univ. Hgts. Lots 15+16	33
S.E. Ingraham & Oliver	34
N.W. + La Jolla Blvd Forward	36
Jarvis St. curb stakes	37
Calle Tres Lomas, Blk. 11, Lot 9	41
Stakes Curbs Blk 75 - Roseville	43
Ingelow & Rosecrans	

Curb Grades - Front st

W.O. 21018 — 2-27-48

7.0

B.M.	5.37	17.30		11.93	SW. 1st & Market
sta				Grade	
0+00			10.93 6.39	6.50	F 0.13
+25			10.44 6.86	7.00	F 0.14
+50			9.95 7.35	7.50	F 0.15
+75			9.45 7.85	8.00	F 0.15
1+00			8.94 8.36	8.50	F 0.14
+25			8.50 8.80	9.00	F 0.20
+50			8.09 9.21	9.50	F 0.29
+75			7.62 9.68	10.00	F 0.32
2+00 = on Exist cb			6.84 10.46	10.50	✓

Market st

Fd. Disk - LS 2236

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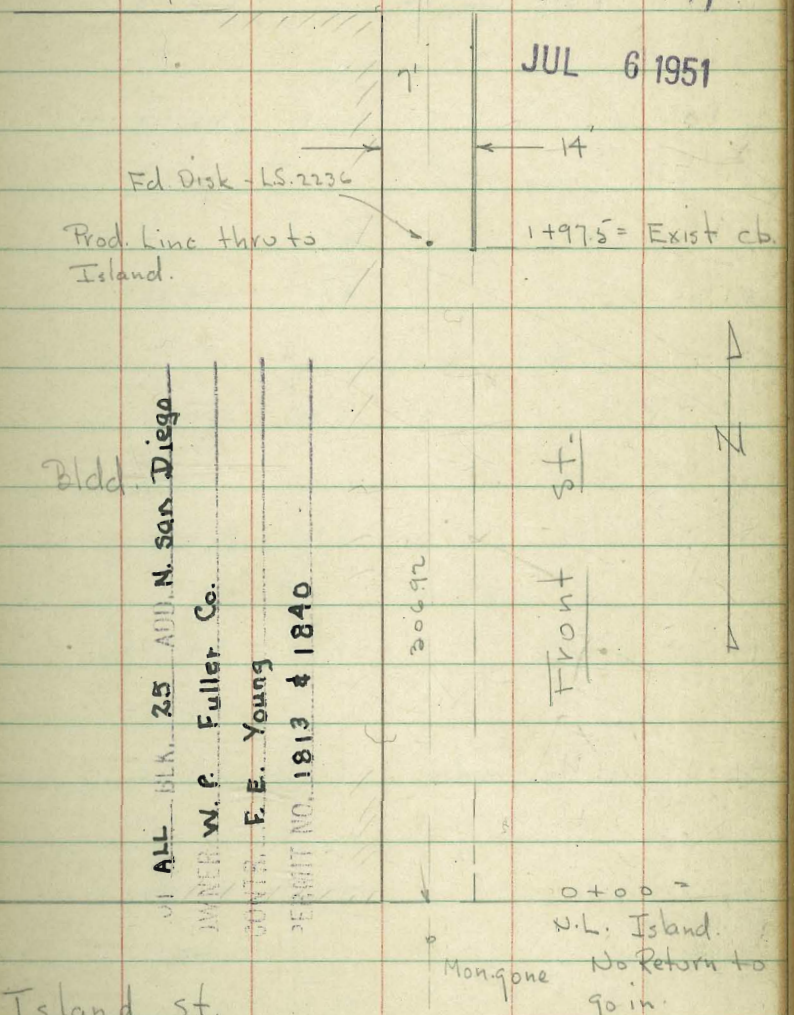
JUL 6 1951

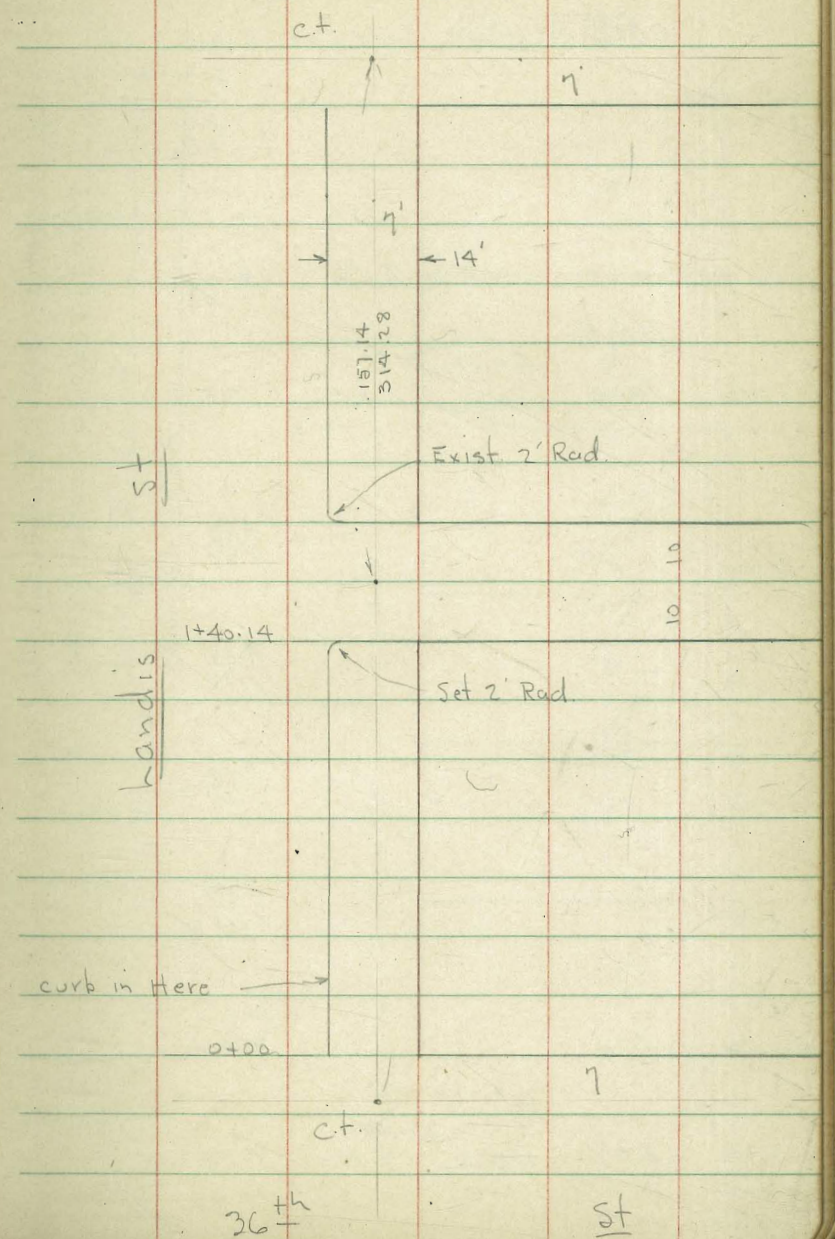


OF ALL BLK. 25 ADD. N. San Diego
OWNER W. P. Fuller Co.
CONTR. E. E. Young
PERMIT NO. 1813 & 1840

Stake Curb Grade on N side of Landis - 36th W. to Alley - + Return.
City Job.

B.M.	4.59	339.84		335.25	W.L. 36th + Landis
0+00 = W.L. 36th Curb in			4.76 35.08	335.10	
0+35			4.99	34.85	
0+70			5.23	34.61	
1+05			5.48	34.36	
1+38.14 = PC			5.70	34.14	
E.L. Alley at N.L. Landis			5.58	34.26	
Rods on W. side of Alley Ret.			6.17 33.67 = ℄ Ret.		
			5.89 33.95 = N.L. Landis		

W.O: 60135 3-1-48 70. 2



Blk 25 Hortons Add.

Curb stakes Lots C-D-E & F.

W.O. 21018 3-18-48				Sommermeyer McCoy X W Moore Sherman	
			5.43	0.01 10.92	orig B.M.
	7.83	16.35	3.72	8.52	
	Est. Gr.				
3+00	11.50	For. check 16.40	4.86	11.54	= Exist ob
2+00				9.36 / 2.88	
+50				8.27 / 3.97 ✓	
1+00	2.18%			7.18 / 5.06 ✓	
+50				6.09 / 6.15 ✓	
0+00	5.00			5.00 / 7.24 ✓	- set.
T.P.	3.72	12.24	7.88	8.52	
Union + Market.	5.47	16.40		10.93	S.W.B.P.

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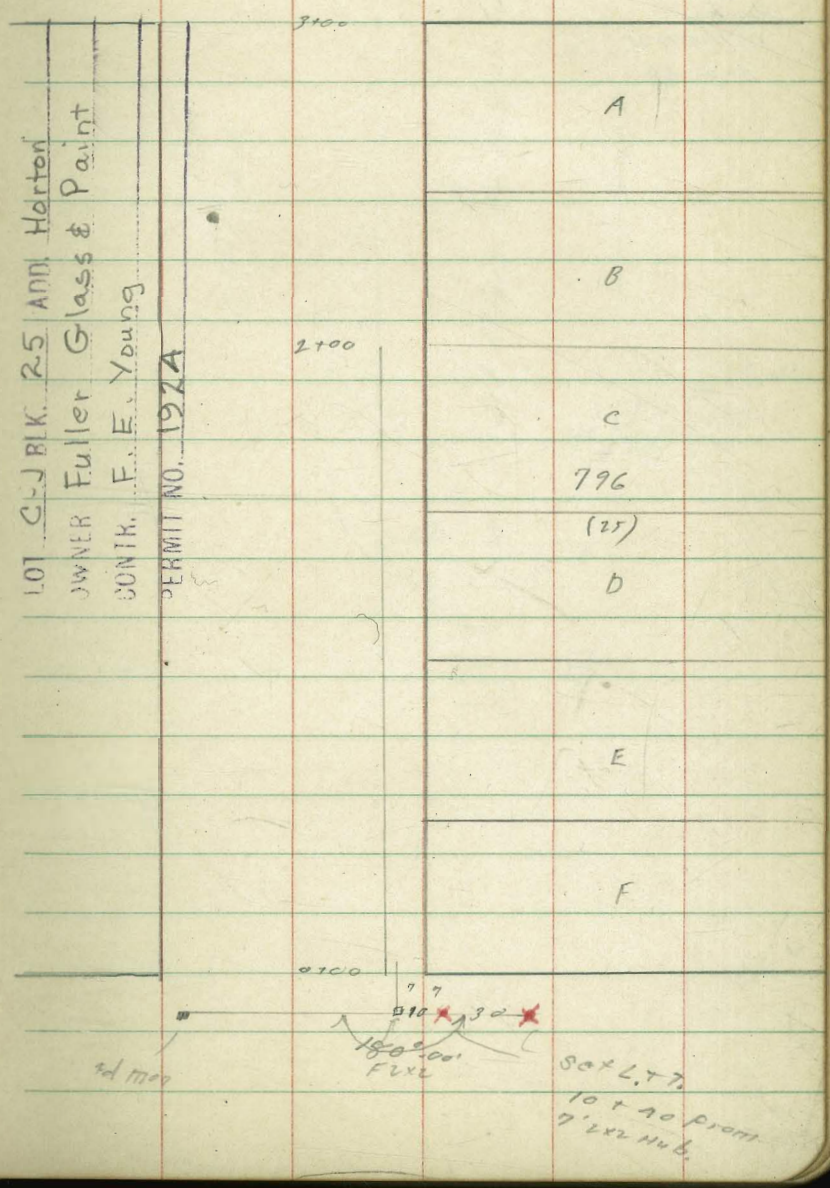
LOT C-J BLK. 25 ADD. Horton
OWNER Fuller Glass & Paint
CONTR. F. E. Young
PERMIT NO. 1924



N.E. CURB RETURN
6TH And B

Walker
Hendricks
Becker
Williams
5-3-48

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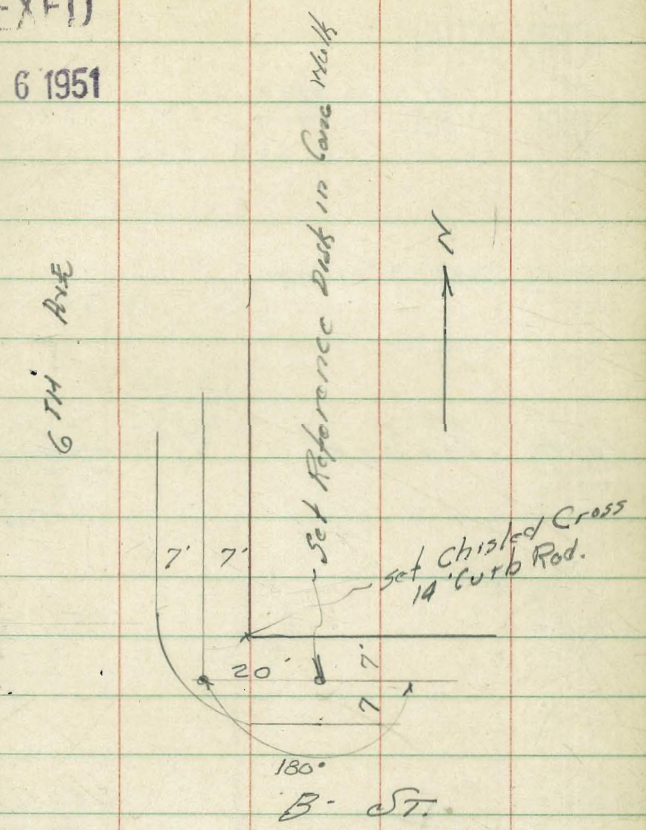

Curb stakes Lot 35-36
Virginia St.

Moore
Begg
Sherman
Bunch

W.O. 21018

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B.M.	1.01	287.03		286.02	SE Top
T.P.	0.05	274.17	12.91	274.12	
T.P.	0.37	(262.03)	12.46	261.71	
0+00	W.L. Florida				
1+60	E.L. Lot 36			253.30	
				8.73	
				7.56	
				C 1.17	
1+80				256.00	
				6.03	
				4.15	
				C 1.86	
2+00				259.60	
				2.43	
				1.15	
				C 1.28	
T.P.	12.86	(273.83)	1.06	260.97	
2+20				263.80	
				10.03	
				10.03	
				0.00	grade
2+40	W.L. Lot 35			268.37	
				5.46	
				5.46	
					grade

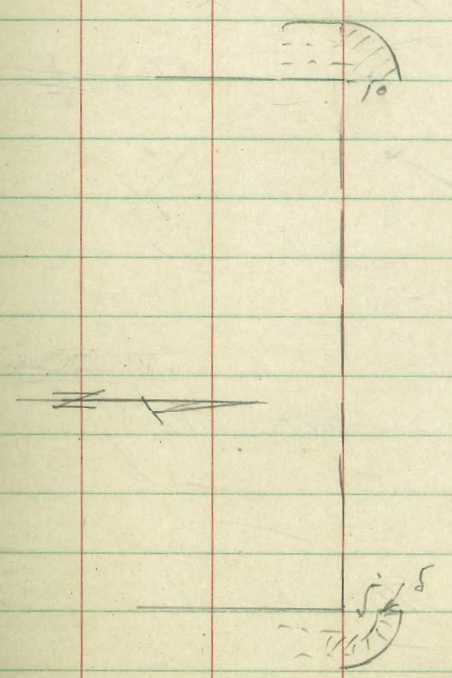
cb Rot. Georgia + Florida Ct.

(262.03)

check to gen. Floor			12.96	249.07	249.08
F.B. 1243-60					0.01

(273.83)

T.P.	12.68	286.17	0.34	273.49	
Check to starting B.M.			0.15	286.02	286.02
					0.00



✓

Sdw. Const. WO 21018

Lot 17 / 146 P.B.

BM. BP. NW Cor	510	832b		78.11	Entrance Ingraham on School Porch
T.P.	790	9091	020	83.01	
0+00				88.00 / 2.91 / 1.91 / C 1.0	
0+10				87.82 / 3.09 ✓	
0+50				87.07 / 3.84 ✓	
1+00				86.15 / 4.76 ✓	
1+21.88				85.74 / 5.17	
W.L. alley Rot. Ingraham			Not Set	85.86	
check by BM Top Sw. curb Ingraham Diamond.			870	82.21	82.22

Moore
Sherman
Bunch
8-11-x8

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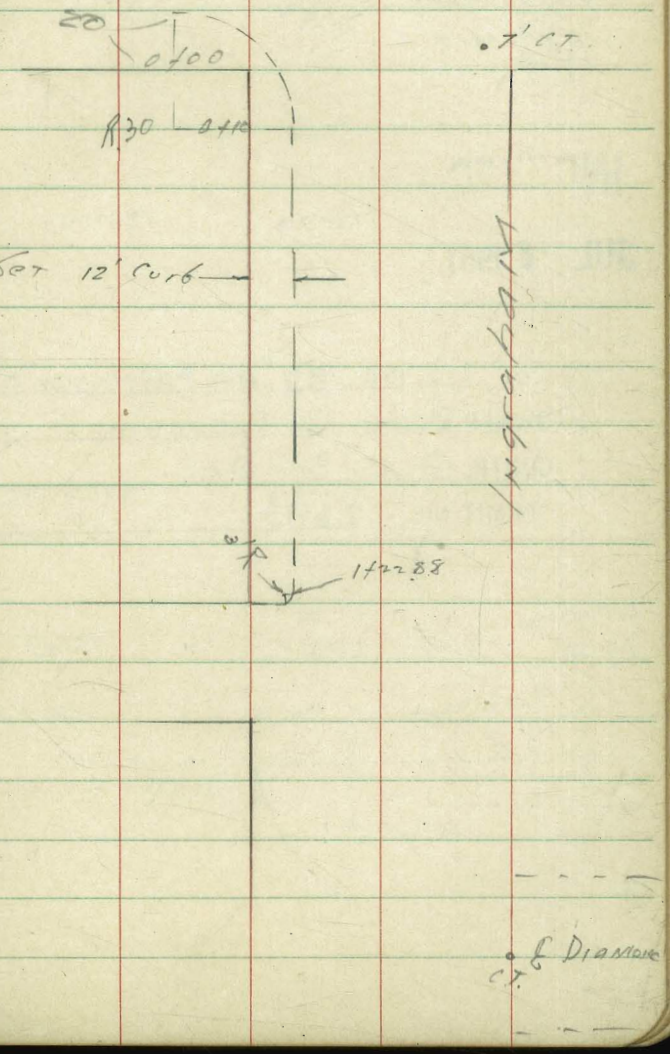
Missouri



✓

Lots 1+2 - Fairmount. Add.

4189 - 49th
4919 - Orange

Friday
Aug - 13 - 1948
W. O. 21018

Sommermeyer
McCoy ⊼
W Moore
S. Allen.

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LOT 1-2 BLK. 29 ADD. Fairmount
OWNER Edgar W. Bourquin
CONTR. H. L. Bender
PERMIT NO. 2683

49th + Orange S.W. B.P.	2.02	⊼ 335.65	-	333.63

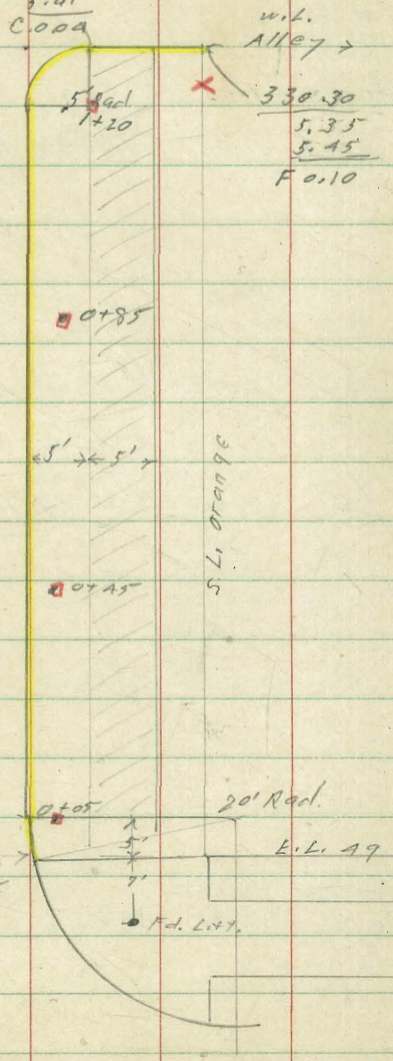
328.00 = W.L. Winona

~~Rate = .0148 per ft.~~
" = .0167 " "

330.20 □ - Fd ½.
5.45
5.41
C.0.04

330.15 = 1+25

330.24 · 1+20
5.41 ✓



330.30
5.35
5.45
F 0.10

330.77 = 0+88
4.88 ✓

331.44 0+48
4.21 ✓

332.12 = 0+08
3.53 ✓

332.00 = Est.
Exist. = 332.28

Lot 9 Blk. E. Bellecrest

(3627 Roselawn)

8-13-48

W.O. 21018

Sommermeyer
McCoy
W/ Moore
S. Allen.

Grade + line stakes 3' back curb face

Also line stakes 10' " " "

A = B.C	Prop Arc.	½ Δ	Rad. 42' chord	35' Chord	Def.
To B	2.92	2°-23'-20	3.51	2.92	2°-23'-20
" C	11.66	9°-32'-40	13.93	11.60	11°-56
" D	11.67	9°-33'-07	13.94	11.62	21°-29'-07
" E	"	"	"	"	31°-02'-14
" F	"	"	"	"	40°-35'-21
" G = E.C.	5.37	4°-23'-40	6.44	5.36	44°-59

Roselawn + Euclid	1.71	337.56	-	335.85	N.W. 7' L+T

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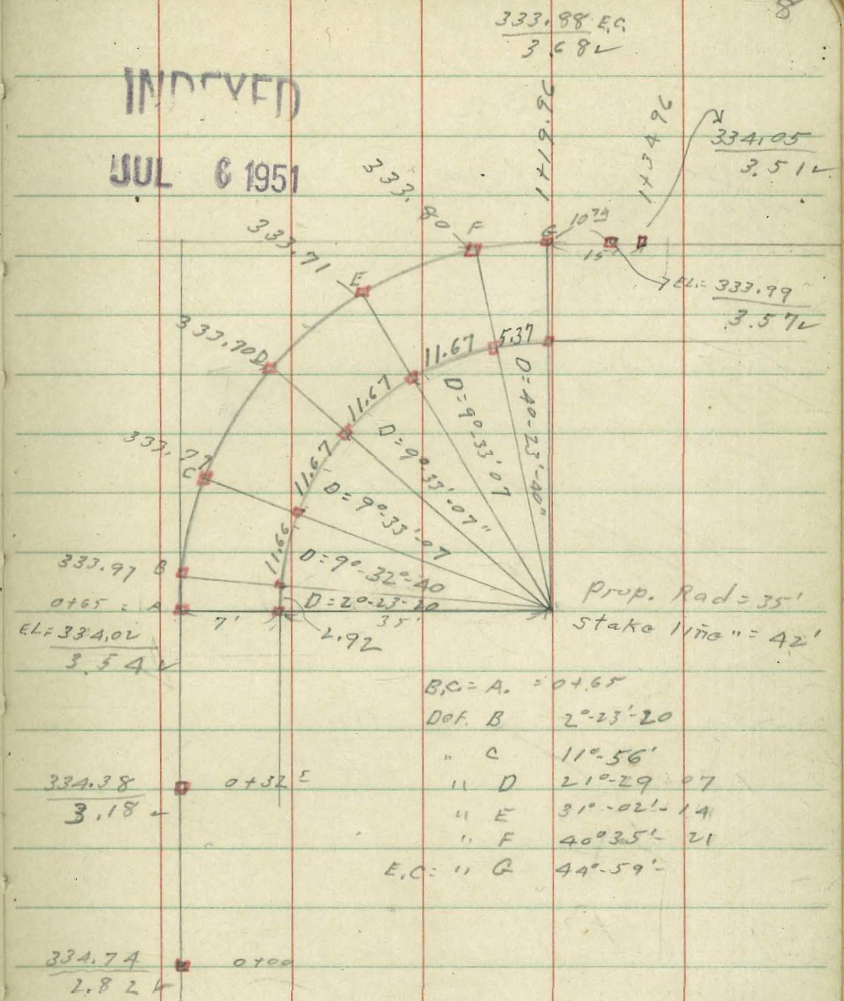

B.C = A. = 0+65
Def. B 2°-23'-20
" C 11°-56'
" D 21°-29'-07
" E 31°-02'-14
" F 40°35'-21
E.C: " G 44°-59'-

B	C	D	E	F
333.97	333.79	333.70	333.71	333.80
3.59	3.77	3.86	3.85	3.76

0-100 = 335.85 EL (.01109 per ft.)

Stake Sdw & Curb W.O. 21018

23-24 / 1 Venice Park

B.M. nail P.P. S.W. Lamont and Fortuna	3.40	24.72		21.32	F.Bk. 1563-48
0+00 E.L. Lamont				20.00 4.72 3.85 C 0.87	
0+50			19.70 5.02 4.22 C 0.80		
1				19.41 5.31 4.28 C 1.03	
1+16.07	3' R		19.31 5.41 4.71 C 0.70		
1+19.07	Fortuna N.L. alley Ret			19.41 5.31 4.51 C 0.80	
0+08	cb B.C. on Lamont		20.14 4.58 2.94 C 1.64		
0+62.8				21.10 3.62 2.39 C 1.23	

Staked 3' back Curb

Moore
Sherman
Bunch
8-18-48

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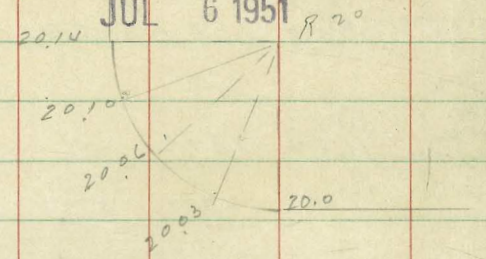
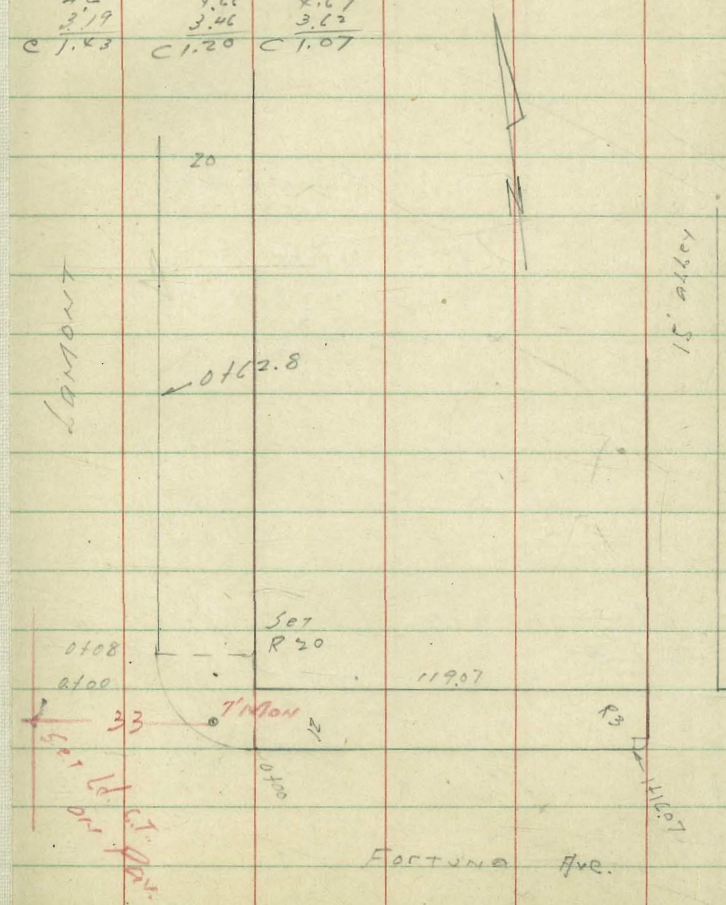


20.10 4.62 3.19 C 1.43	20.06 4.66 3.46 C 1.20	20.03 4.69 3.62 C 1.07



See P 11
Curb stakes
6-7/36 Pt Loma Hts

BM SW. Mon. Wells & Tennyson	11.54	118.46		106.92
T.P	9.12	127.01	0.57	117.89
1+50				113.28
				5.18
				5.22
				F 0.04
2			115.88	
			2.58	
			2.26	
			C 0.82	
+50				118.48
				8.53
				8.05
				C 0.48
San Clemente cb B.C.			125.50	
			.151	
			1.50	
			.01	

Void

Moore
Sherman
Bunch 8-26-48

W.O 21018

INDEXED
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error
Not here →

Tennyson

50 6
50 7
150
60

Wells

Curb stakes

6-7 / 36 Pt. Loma Hts

BM. SW Mon Wells & Tennyson	12.49	119.41		106.92	
T.P.	11.92	130.43	0.90	118.51	
T.P.	3.35	124.88	8.90	121.53	
1+50				121.35 3.53 1.19 C 2.34	
1+60			120.60 4.28 2.16 C 2.12		
1+80				118.80 6.08 5.23 C 0.85	
2+00			116.80 8.08 7.97 C 0.11		
2+50				111.37 13.51 12.79 C 0.72	
T.P.	5.54	129.23	1.19	123.69	
T.P.	1.35	118.02	12.56	116.67	
check to orig. B.M.			11.10	106.92	106.92

Moore
Begg
Sherman
Bunch
8-30-48

W.O. 21018

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(Est. Gr. used)
106.92

2+50

6

7

1+50

Fd. City disk 5 55 0+00

San Clemente

INDEXED
JUL 6 1954

Forman Hardings Sub.

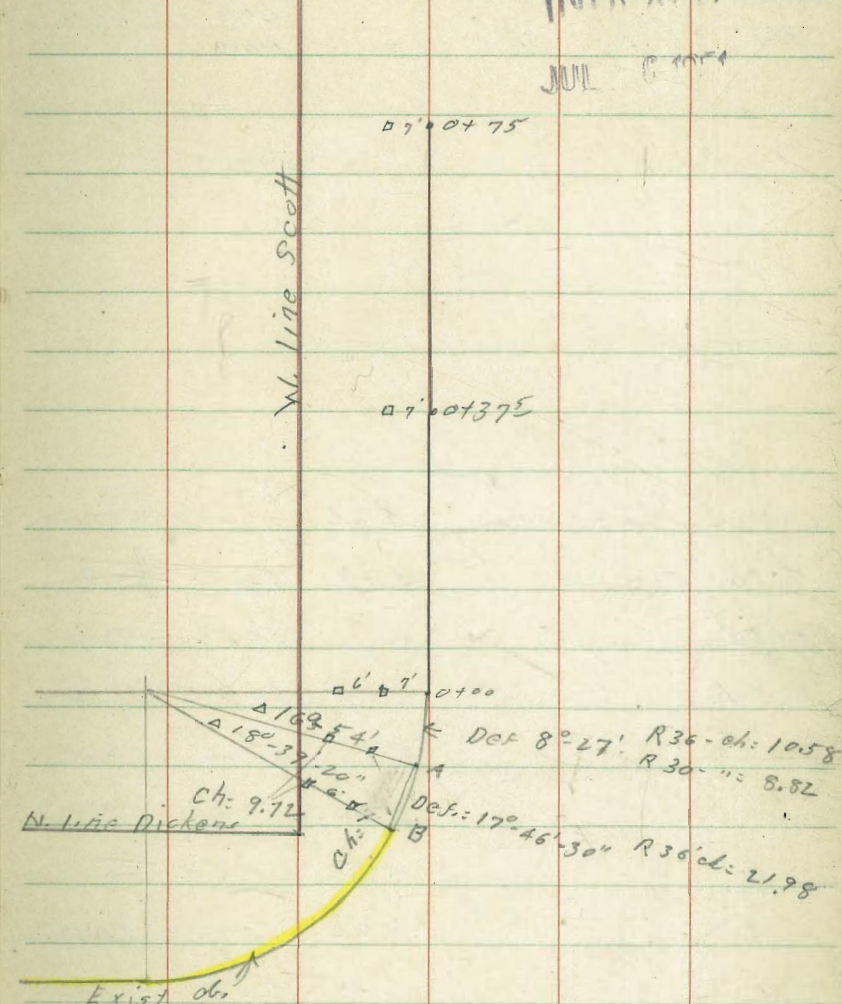
Lots 15+16 (Scott + Dickens)

9-2-48 Sommermeyer
McCoy
W.O. 21018 W Moore

Stakes set 7' Back of Cb. Face
line " also set 13' Back of Cb Face

B	A	0+00	0+37⁵	0+75
3.00	7.57 2.85	2.80	2.55	2.30
4.57	4.72	4.77	5.02	5.27
4.58	×	×	×	×
-0.01 ok				

T.P.	3.76	7.57	9.36	3.81	L+T. 101 S. T.o back To S.W 7'.
Disk S.W. 7 #5' Rosecrans Emerson	7.02	13.17	—	6.15	



Dickens

9-22-48
Hendricks
Roberts
Rorer

Stake Cb & Sidewalk
14th & E Sts.

Sta	+	H.I	−	Elev. Nails	Elev. Cb	Cor F.
0+94.6	Meet Ex Cb.		5.82		50.60	Meet Ex. Cb.
0+70.1	Brk		6.13	50.29	50.90	F 0.61
0+54.4			6.10	50.32	50.95	F 0.63
0+34.3			6.04	50.38	51.01	F 0.63
0+14.2			5.96	50.46	51.07	F 0.61
0+00 BC			5.92	50.52	51.11	F 0.59
3			5.85	50.57	51.06	F 0.49
2			5.92	50.50	51.00	F 0.50
1			6.20	50.22	50.94	F 0.72
EC	Meet Ex. Cb.		5.54		50.88	Meet Ex Cb.
18.17	5.47	56.42			50.95	NW BP 14th & E

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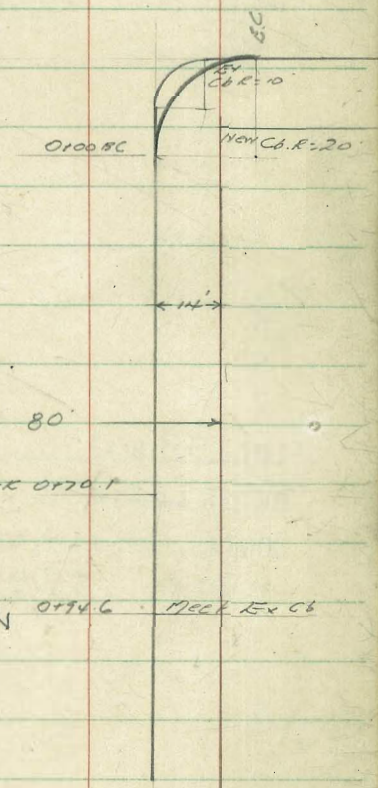
14th. St.



Curb Stakes

Lot 58 Catalina Villas

Moore W.O. 21018
Begg
Sherman
9-2x-x8

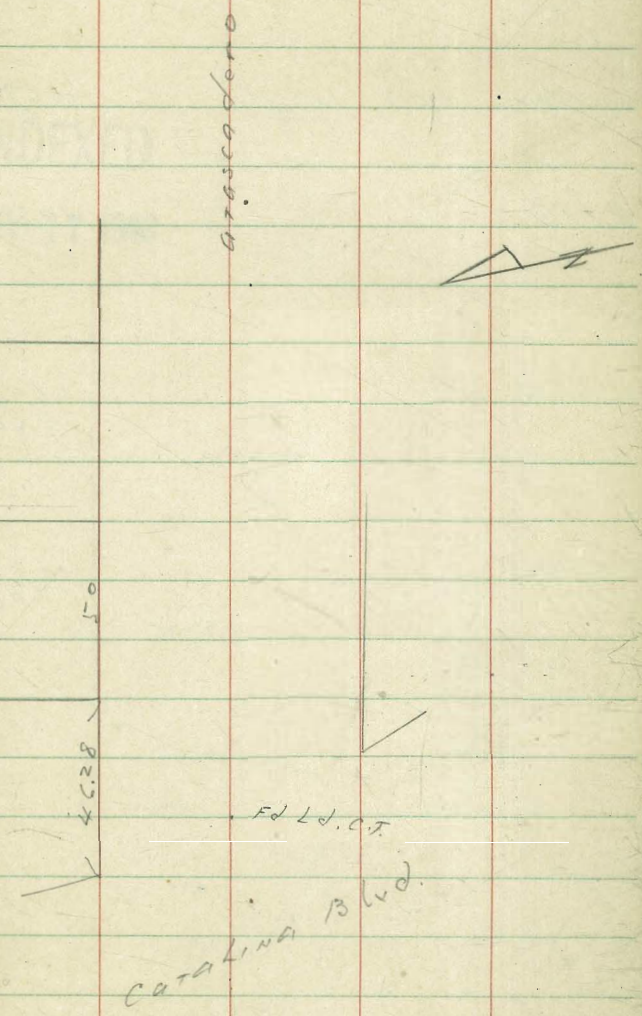
B.M. SE
Catalina 8.57 125.41 116.8x 1743-29
Arascadero

V.L. Lot 58 5.98 119.43

EL Lot 58 1.87 123.54
1.77
Curb end
0.10 High

LOT 58 BLK. ADD. Catalina Villas
OWNER Lowie M. Darback
CONTR. Sherman Gray Inc.
PERMIT NO. 3297

INDEXED
JUL 6 1951



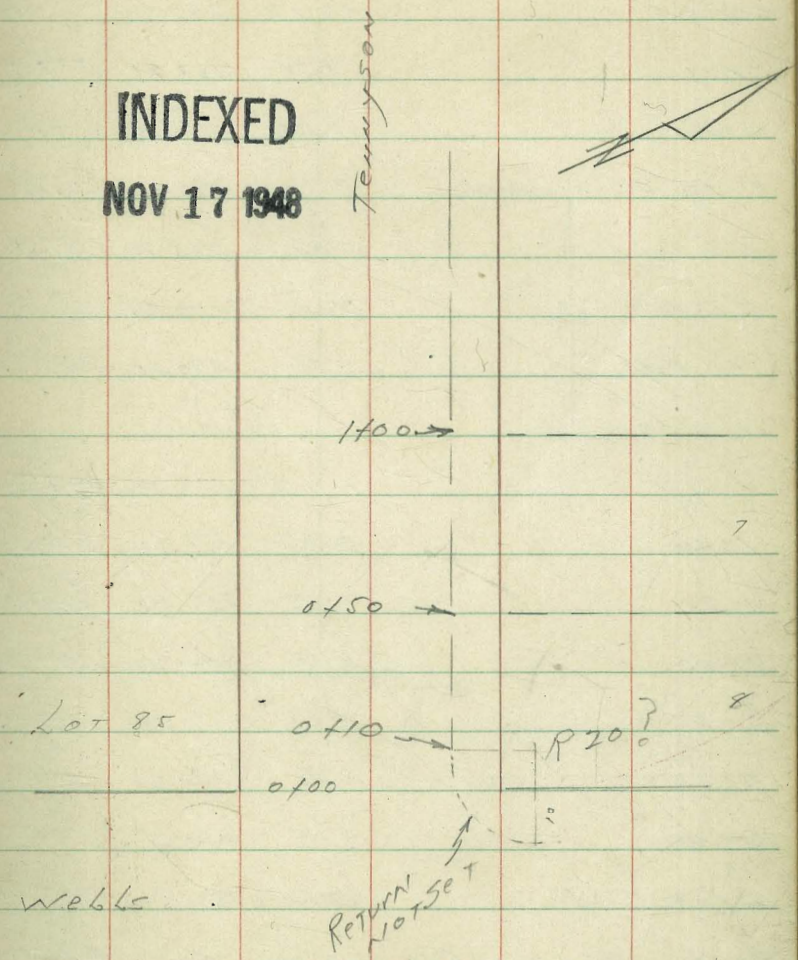
Moore
Egg
Shannon
Bunch
10-5-48

Curb stakes
7-8 / 35 Pt Loma Hts.

W.O. 21018

B.M. Swimm.	3.84	110.76	106.92	Tennyson Wells
0+10			106.00 / 4.76	
0+50			108.08 / 2.68	
1+00			110.68 / 0.08	

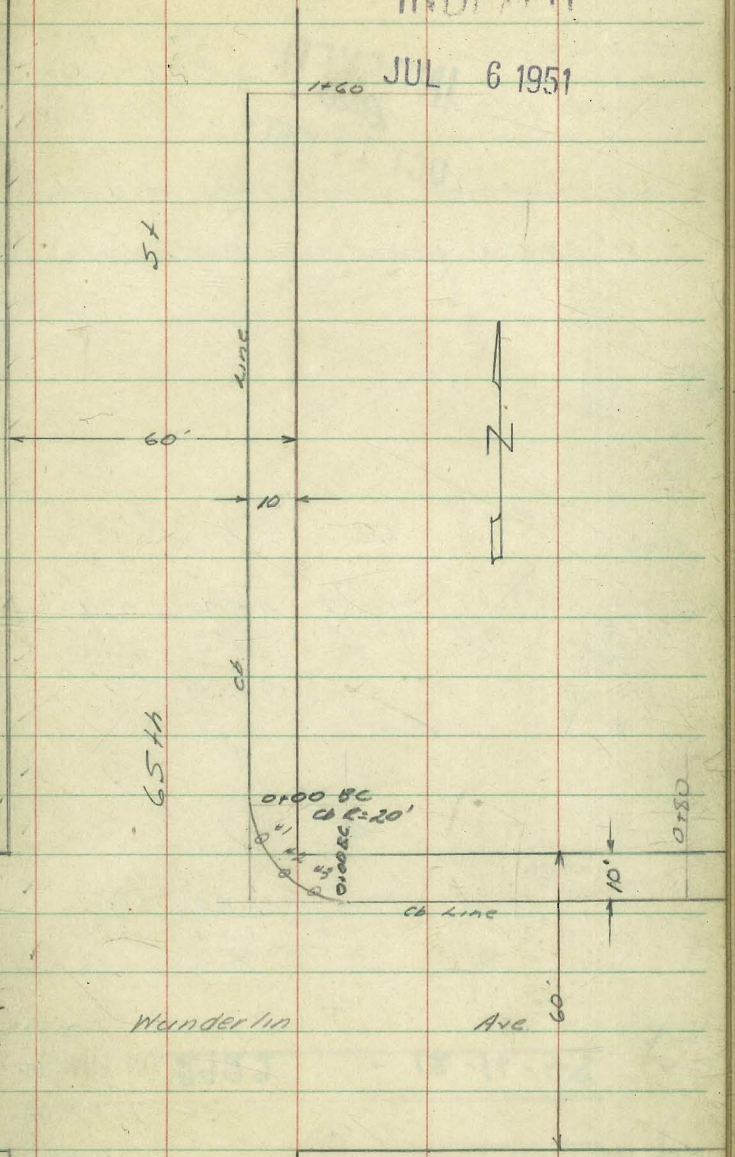
INDEXED
NOV 17 1948



INDEXED
JUL 6 1951

Stake Cb & Sidewalks
65th & Wunderlin

			Elev Stakes	Elev Gr	Cuts
0+80		10.60	287.15	286.23	C0.92
0+60		10.12	287.63	286.62	C1.01
0+40		9.79	287.96	287.01	C0.95
0+20		9.00	288.75	287.40	C1.35
0+00 EC Wunderlin		8.20	289.55	287.82	C1.73
#3 Ret		7.99	289.76	287.92	C1.84
				288.14	C1.93
#2 Ret		7.68	290.07	~~288.15~~	~~C1.92~~
				288.53	C1.67
#1 Ret		7.55	290.20	~~288.51~~	~~C1.69~~
				298.37	F0.27
1+60		+0.31	298.06	~~297.83~~	~~C0.23~~
				297.23	F0.33
1+40		0.85	296.90	~~296.73~~	~~C0.17~~
				296.12	F0.35
1+20		1.98	295.77	~~295.62~~	~~C0.15~~
				295.02	F0.42
1+00		3.15	294.60	~~294.52~~	~~C0.08~~
				293.92	F0.52
0+80		4.35	293.40	~~293.42~~	~~F0.02~~
				292.81	F0.19
0+60		5.13	292.62	~~292.21~~	~~C0.21~~
				291.71	F0.13
0+40		6.17	291.58	~~291.21~~	~~C0.37~~
				290.60	C0.30
0+20		6.85	290.90	~~290.10~~	~~C0.80~~
				289.50	C0.86
0+00	BC on 65th St.	7.39	290.36	~~289.00~~	~~C1.36~~
BM	10.58	297.75		287.17	



L & T & Wunderlin & 65th (613206 R39)

N.E. Cb. Ret. Monte Vista & Fern Glen

12-21-48
~~W.O. 21018~~

INDEXED
Law
OCT 11 1951

Sommermeyer
McCoy
Jones

~~Top Hydt. Arenas & Monte Vista~~ No. Good.

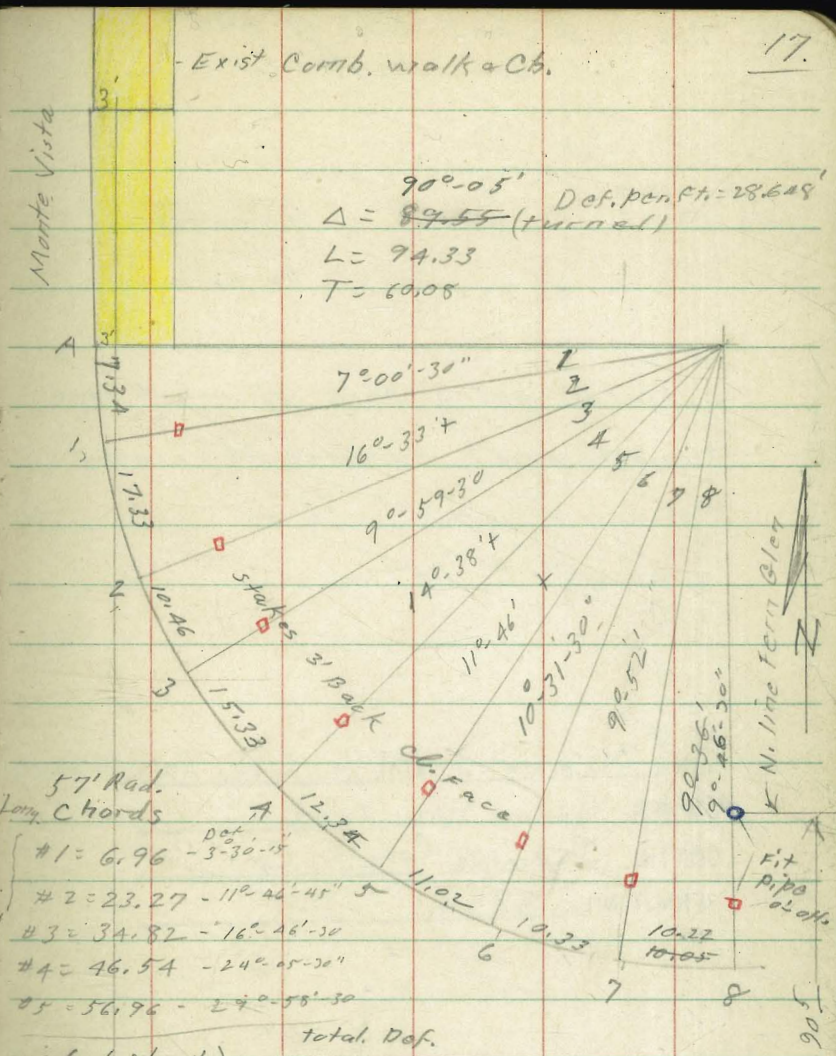
0+50^5 Cb. End. on west side Monte Vista in $\frac{1536}{72}$

= 47.18
7.76
54.94π

B.C	#1	2	3	4
48.32	48.47	48.80	49.12	49.72
6.62	6.47	6.14	5.82	5.22
6.60	×	×	5.12	4.62
.02			C 0.70	C 0.60
✓				

#5	6	7	8
50.35	51.00	51.60	52.21
4.59	3.94	3.34	2.73
×	×	×	×

PERMIT NO. 2922 - 12-16-48
CONTR.
OWNER
LOT 1-3 BLK. 9 ADD. La Jolla
Final Addition 1



Δ = ~~89.55~~ 90°-05' (turned) Def. per ft. = 28.648'
L = 94.33
T = 60.08

57' Rad.
Long. Chords
#1 = 6.96 - Def. 3°-30'-15"
#2 = 23.27 - 11°-46'-45"
#3 = 34.82 - 16°-46'-30
#4 = 46.54 - 24°-05'-30"
#5 = 56.96 - 29°-58'-30
total. Def.

ch. (short.)
5 to 6 : 10.46 35°-14'-30
5 to 7 = 20.16 40°-10-30
5 to 8 : ~~29.50~~ 30.2 ± ~~44°-58'~~ 45°-02'-30

Lot 36 Blk 243 S.D.L.+T. Add.
614-50 28th St.

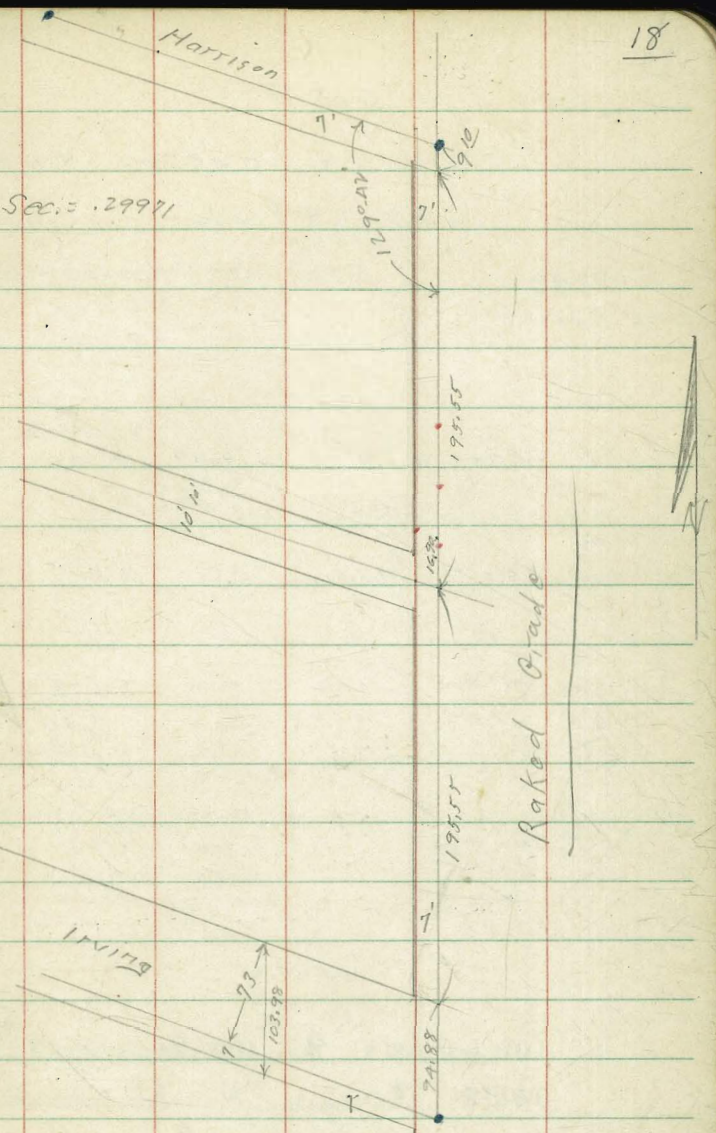
W.O. 21018
12-28-48

Sommermeyer
McCoy
Jones

stakes set 3' back of curb face.
Straight grade Harrison to Irving.
Returns in on " + "
Profile # 1572

LOT 36 BLK. 243 ADD. San Diego Land & Town
OWNER John Mc Neal
CONTR. Triangle Conc. Co.
PERMIT NO. 3834

Ex. Sec. = .29991



Lots 1-4 Blk 9

Seamans & Choates Add

1639-28th St.

12-28-48

W.O. 21018

Sammermeyer
McCoy
Jones

N.E.B.P. Cedar & 28th — 219.49 + 2.18 = 221.67 = A — on. curb plug is gone

on Date.

East end	B.C.	Mid. Curve	E.C.	+35	+70	Exst. Ch.
A	B	C	D	E	F	G
211.00	211.00	211.00	211.00	212.23	213.46	214.97
10.67	10.67	10.67	10.67	9.44	8.21	6.70
8.73	7.43	6.71	6.94	7.19	6.33	6.70
C 1.94	C 3.24	C 3.96	C 3.73	C 2.25	C 1.88	X

Paving 4' west of stakes

Pave. 9' North of stake	pav. 9' No. Stake		4' west	4' west	4' west
9.81	8.86		7.56	7.41	7.15
211.85	212.81		214.11 EL.	214.26 EL.	214.52 EL.

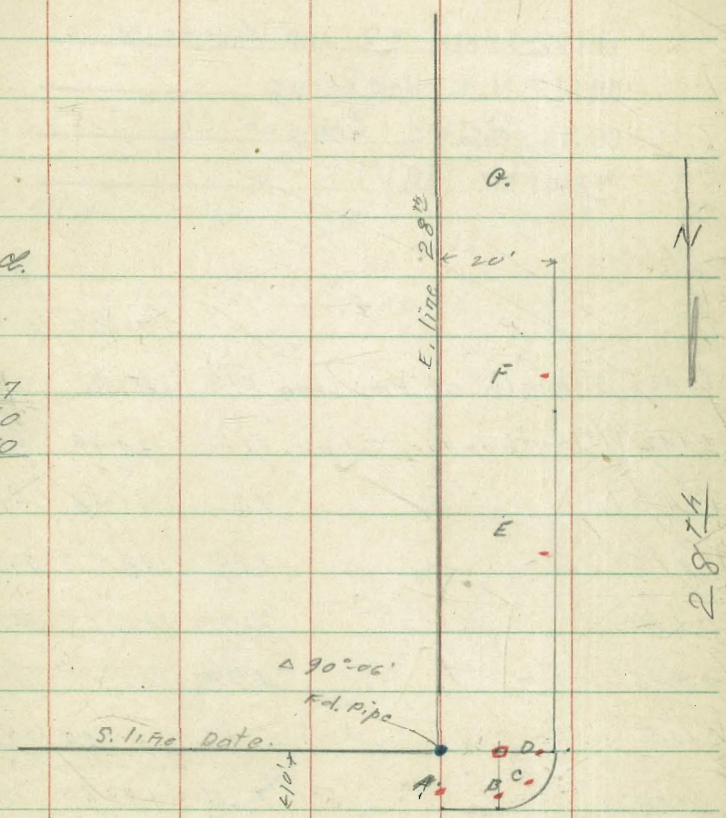
LOT 1-4 BLK. 9 ADD. Seamans & Choates Add.

OWNER Wayne D. Shaver

CONTR. Triangle Conc. Co.

PERMIT NO. 3822

Cedar & 28th — Fd. 7' L+T.



Curb Grades - Dawes St.
from Turquoise to Alley

Walker
Johnson
Pope
Crawford
4-25-49

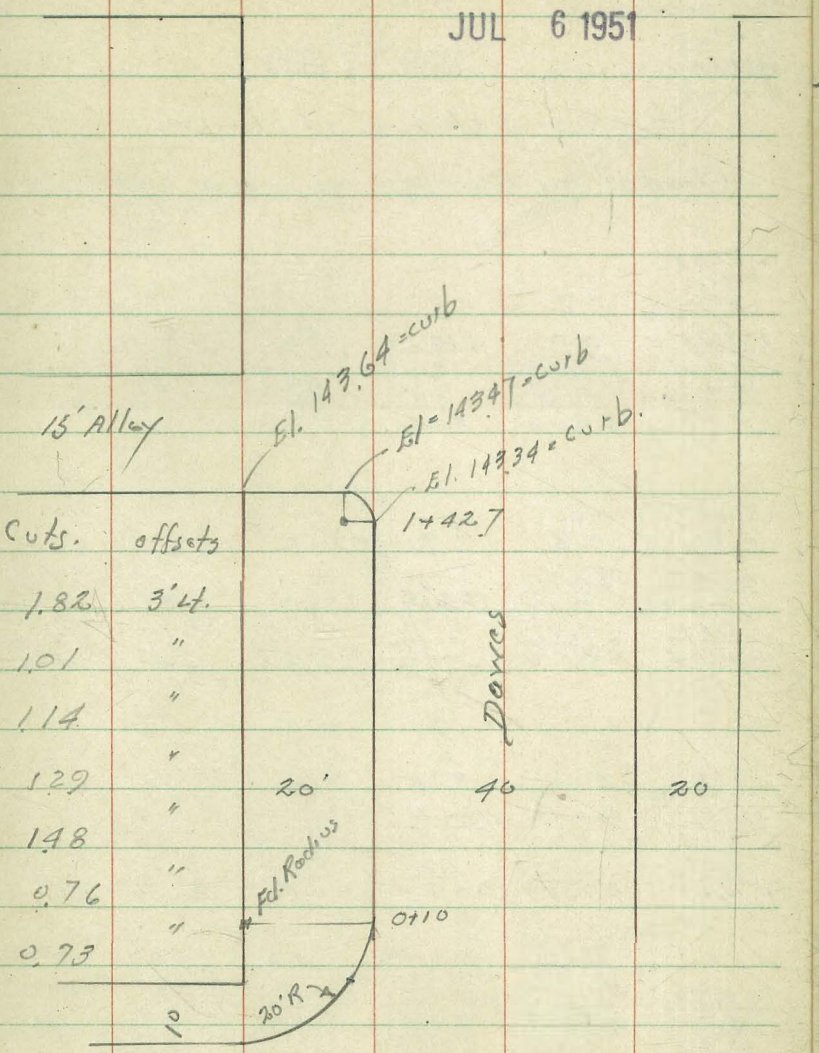
All Stake set 3' from curb

LOT 22-23 BLK. 12 ADD. Monte Villa
OWNER N. L. Haakerup
CONTR. Pacific Cement Co.
PERMIT NO. 3517

					El. Top curb	Cuts.	offsets
1+42.7 3' from cb at Prop Line		0.18	145.46		143.64	1.82	3' Lt.
1+42.7 = 3' from cb on Alley Radius		1.16	144.48		143.47	1.01	"
1+42.7		1.16	144.48		143.34	1.14	"
1+15		1.97	143.67		142.38	1.29	"
0+80		2.99	142.65		141.17	1.48	"
0+45		4.92	140.72		139.96	0.76	"
0+10		6.16	139.48		138.75	0.73	"
0+00		7.24	138.40		138.40		0
T.P.	7.24	145.64	6.68	138.40			
	10.23	145.08		134.85			

AGATE ST.

INDEXED
JUL 6 1951



B.M. S.E.B.P. Turquoise and Coss

F.B. 1395
24

Island Ch. Macaulay - Narragansett + Chatsworth

INDEXED
W.K.
MAR 17 1950

Sommermeyer
McCoy
Allen
Bunch

1-23-50
N.O. 20006

Stakes - 3' back of Cl. Face.

Grades by number as shown opposite.

137.69π B.C. #1	#2	#3	E.C. #4	#5	#6
133.25	131.91	130.58	129.24	128.12	137.69π 126.99
4.44	5.78	7.11	8.45	9.57	10.70
4.47	5.82	7.32	8.84	10.04	11.00
F0.03	F0.04	F0.21	F0.39	F0.47	F0.30

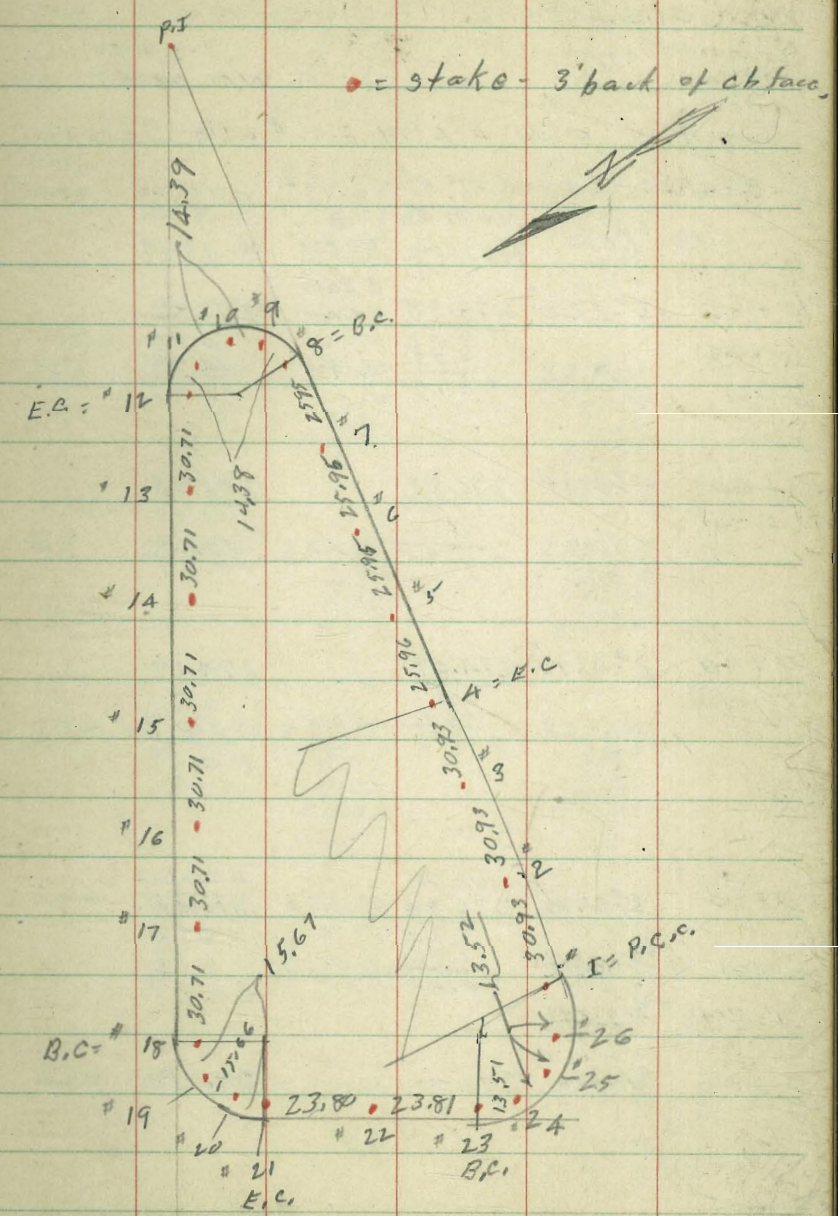
131.94π → #7	B.C. #8	#9	#10	#11	E.C. #12
125.87	124.75	124.15	123.68	123.48	123.42
6.07	7.19	7.79	8.26	8.46	8.52
6.52	7.75	7.99	7.92	8.53	8.81
F0.45	F0.56	F0.20	C0.34	F0.07	F0.29

#13	#14	#15	#16	#17	B.C. #18
123.72	124.03	124.33	124.64	124.94	125.25
8.22	7.91	7.61	7.30	7.00	6.69
8.35	7.76	7.27	7.42	7.38	6.90
F0.13	C0.15	C0.34	F0.12	F0.38	F0.21

#19	#20 ← 131.94π	#21 E.C. 137.69π →	#22	#23 B.C.	#24
125.70	126.58	127.65	129.18	130.70	131.62
6.24	5.36	10.04	8.51	6.99	6.07
6.24	5.45	10.24	8.83	7.18	6.34
X	F0.09	F0.20	F0.32	F0.19	F0.27

#25	#26	N.W.B.P. Chatsworth Narragansett 133.10	4.59	137.69π 11.00	126.69 5.25
132.55	133.25				
5.14	4.44				
5.29	X				
F0.15					

131.94π 5.45	126.49 7.17	133.66	6.21	129.45 #21 stake F0.20
				129.65 ok. El. #21



Winchester 60' street. 40' roadway

Calle Serena to Roanoke

Sommermeyer
McCoy
Allen
Bunch

1-24-50
W.O. 20007

0+00 = Ely. Prop. E.C. Calle Serena.

Stakes - 3' back of ob. face.

	Def.	North ob. Ch=21.09	℄ R=420'	South ob. ch=18.89
0+80	5°-27.40'	278.38 9.52 9.33 C0.19	℄ Rate Def. per Ft. = 4.0925'	277.88 10.02 10.05 F0.03
0+60	4°-05.55'	276.53 11.37 11.12 C0.25		276.03 11.87 12.14 F0.27
T.P. 0+40	2°-43.70'	274.69 0.41 0.05 C0.36		274.19 0.91 1.08 F0.17
0+20	1°-21.85'	275.10 ⊼ 272.84 2.26 1.86 C0.40		275.10 ⊼ 272.34 2.76 2.59 C0.17
Chord = 21.09 North " = 18.89 South.				
0+00	B.C. Rt.	271.00		270.50

℄ Stationing

B.M. #1 EL. 244.12 = Lead plug N.W. Sea Breeze & Winchester

FB 1692 / 73

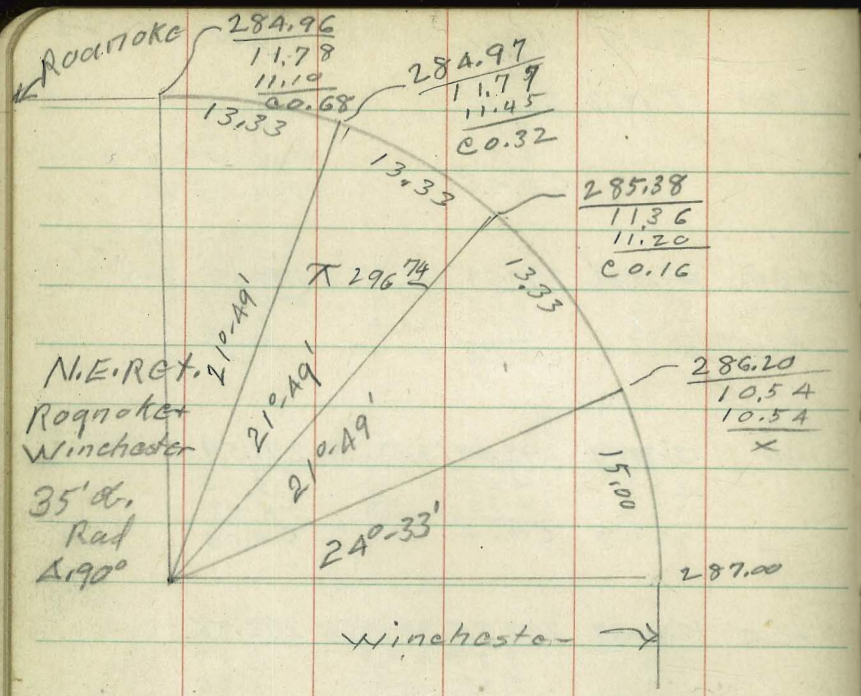
22

		No. ob.	So. ob	
2+20	15°-00.35'	291.14 6.83 6.77 C0.06	290.64 7.33 7.01 C0.32	B.M. #1 244.12 10.30 254.42 0.20 254.22 13.18 267.40 2.89 (2) 264.51 10.59 275.10 0.07 275.03 12.87 287.90 0.61 287.29 10.68 297.97
P.V.C. 2+00	13°-38.50'	297.97 ⊼ 289.44 8.53 8.65 F0.12	297.97 ⊼ 288.94 9.03 8.89 C0.14	
T.P. 1+80	12°-16.65'	287.60 0.30 0.61 F0.31	287.10 0.80 0.68 C-0.12	
1+60	10°-54.80'	285.75 2.15 2.24 F0.09	285.25 2.65 2.79 F0.14	
1+40	9°-32.95'	283.91 3.99 4.47 F0.48	283.41 4.49 4.77 F0.28	
1+20	8°-11.10'	282.06 5.84 6.13 F0.29	281.56 6.34 6.60 F0.26	
1+00	6°-49.25'	280.22 7.68 7.60 C0.08	279.72 8.18 8.22 F0.04	

INDEXED

		Nly. cl.	℄ Def. per foot = 8.621'	Sly. cl.	
Chord = 22 30 North					
" = 17 69 south.					
B.C. Rt. 3+45.65 T.P.	Ch#1 = 12.70 south 16.01 North	295.70 2.27 2.43 F0.16		295.20 2.77 2.53 C0.24	π 297.97 2.43 295.54 1.20 296.74
3+20		295.65 2.32 2.19 C0.13		295.15 2.82 2.52 C0.30	
E.C. 3+07.88	21°-00'	295.45 2.52 2.43 C0.09		294.95 3.02 2.62 C0.40	
2+80	19°-05.90'	294.65 3.32 2.93 C0.39		294.15 3.82 3.45 C0.37	
2+60	17°-44.05'	293.75 4.22 3.94 C0.28		293.25 4.72 4.14 C0.58	
2+40	16°-22.20'	292.59 5.38 4.55 C0.83		292.09 5.88 5.46 C0.42	

	Def.	Nly. cl.	Sly. cl.
4+80	19°-18.23'	289.29 7.45 6.99 C0.46	288.79 7.95 8.00 F0.05
4+60	16°-25.81'	290.69 6.05 5.51 C0.54	290.19 6.55 6.55 x
E.V.C. 4+40	13°-33.39	292.09 4.65 4.37 C0.28	291.59 5.15 5.09 C0.06
4+20	10°-40.97'	293.35 3.39 3.35 C0.04	292.85 3.89 3.86 C0.03
4+00	7°-48.55'	294.36 2.38 2.33 C0.05	293.86 2.88 2.68 C0.20
3+80	4°-56.13'	295.08 1.66 1.60 C0.06	294.58 2.16 1.86 C0.30
3+60	2°-03.71'	296.74π 295.53 1.21 1.05 C0.16	296.74π 295.03 1.71 1.57 C0.14



5+62.68 —

293.02
283.00
10.02
9.87
C 0.15

296.74
10.09
286.65
6.37
293.02π
9.97

Def.

E.C.
5+12.68
+1°-49.35'

24°-00'
South
Ch = 11.22
North ch.
= 14.14

296.74
287.00
9.74
9.70
C 0.04

296.74π = ~~E.P.~~ 283.05
286.50
10.24
10.09
C 0.15

See P 26

So. Prop.
2/2
G242
50
EL.: 283.08

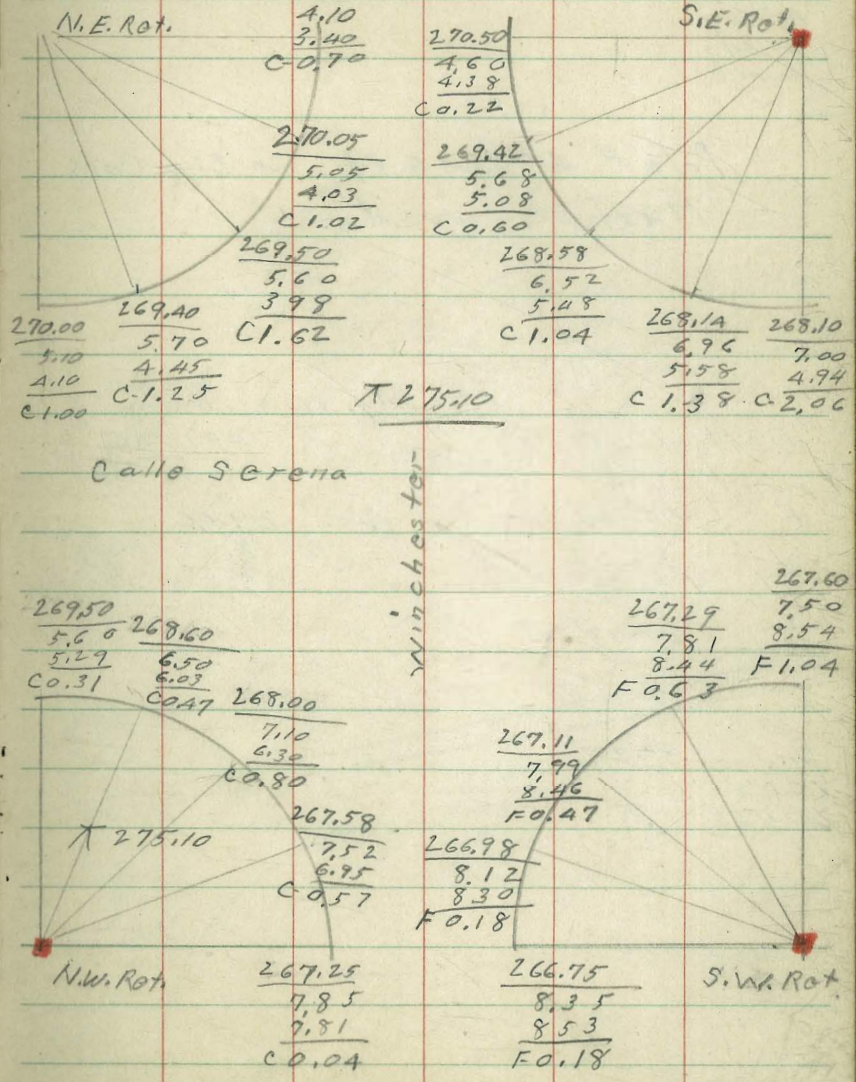
5+00 22°-10.65'

287.89
8.85
8.38
C-0.47

296.74π
287.39
9.35
9.78
F 0.43

Cont. P.26

■ = set 1/2 + disk. Radius point
(25' prop. Rad. = 35' cl. Rad.)



Quimby + Locust

Ely. Return.

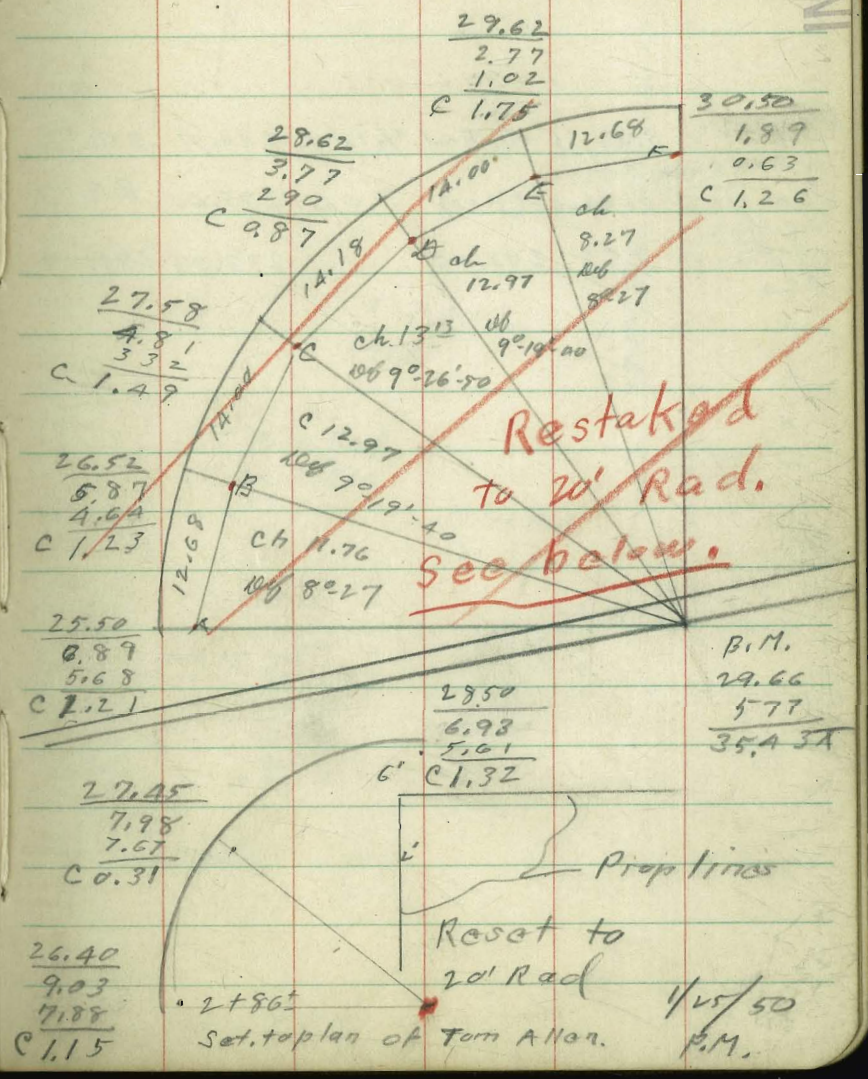
Sommermeyer 1-25-50
McCoy
Allen
Bunch

Pole # 483346 H on Ely. Cor.
Must be moved.

B.M.: wly. Mon Quimby + Locust. FB 1740 / 35

EL.: 29.66
2.73
32.39 π

Deflections	
E.C. F	45°-00'
E	36°-33'-10
D	27°-13'-30"
C	17°-46'-40"
B.	8°-27'
B.C. A.	π

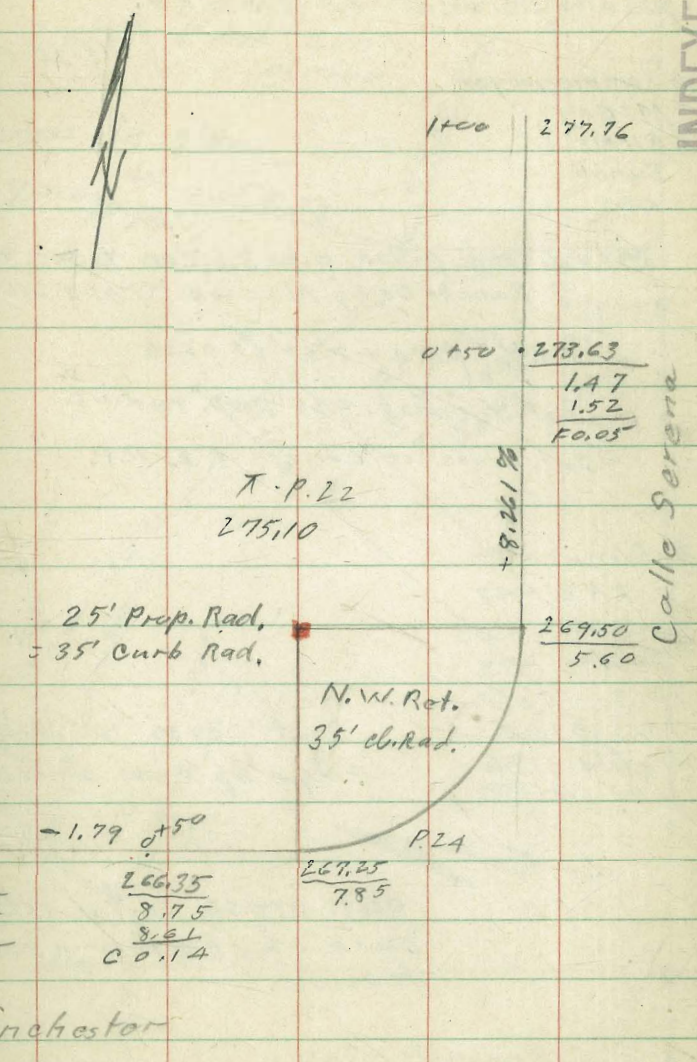


N.W. Cor. Winchester +
Calle Serena

Sommermeyer 1-26-80
McCoy
Allen
Bunch

#2 P.22 =	S.W. 35' cb. Rad. 1/2 + disk		264.51	B.M. #2
2" pipe Pub. Cor.				
86.08 Lt. of 5+62.68 (P.24)		8.06	285.00	B.M. #3
Sly. 1/2				
1706	9.98	293.06	-	283.08	~~283.08~~
P.24				

INDEXED



Winchester

From P.24.

Ties - Winchester St
Calle Serena to Roanoke.

1-26-50

Sommermeyer
McCoy
Allen
Bunch

⊙ = Fd. Conc. filled pipe S.E. Cor. 1/4 Sec. 81
Rancho De La Nacion - (Map # 2160)

• = Fd. 3/4" pipe + disk LS 2334

▪ = set 1/2 + disk. = 25' prop. radius.

× = cut cross in conc. = P.I. R.P.

Reference to
G-242 -47
G-241 - -23
F.B. 1692 -73
T.P. 31 - 12 (Incomplete)
Map 2160
Profile 3186
" 3188

Cut cross in Wly. edge of Conc. drive.

15.05

cut cross in walk. base of steps near House.

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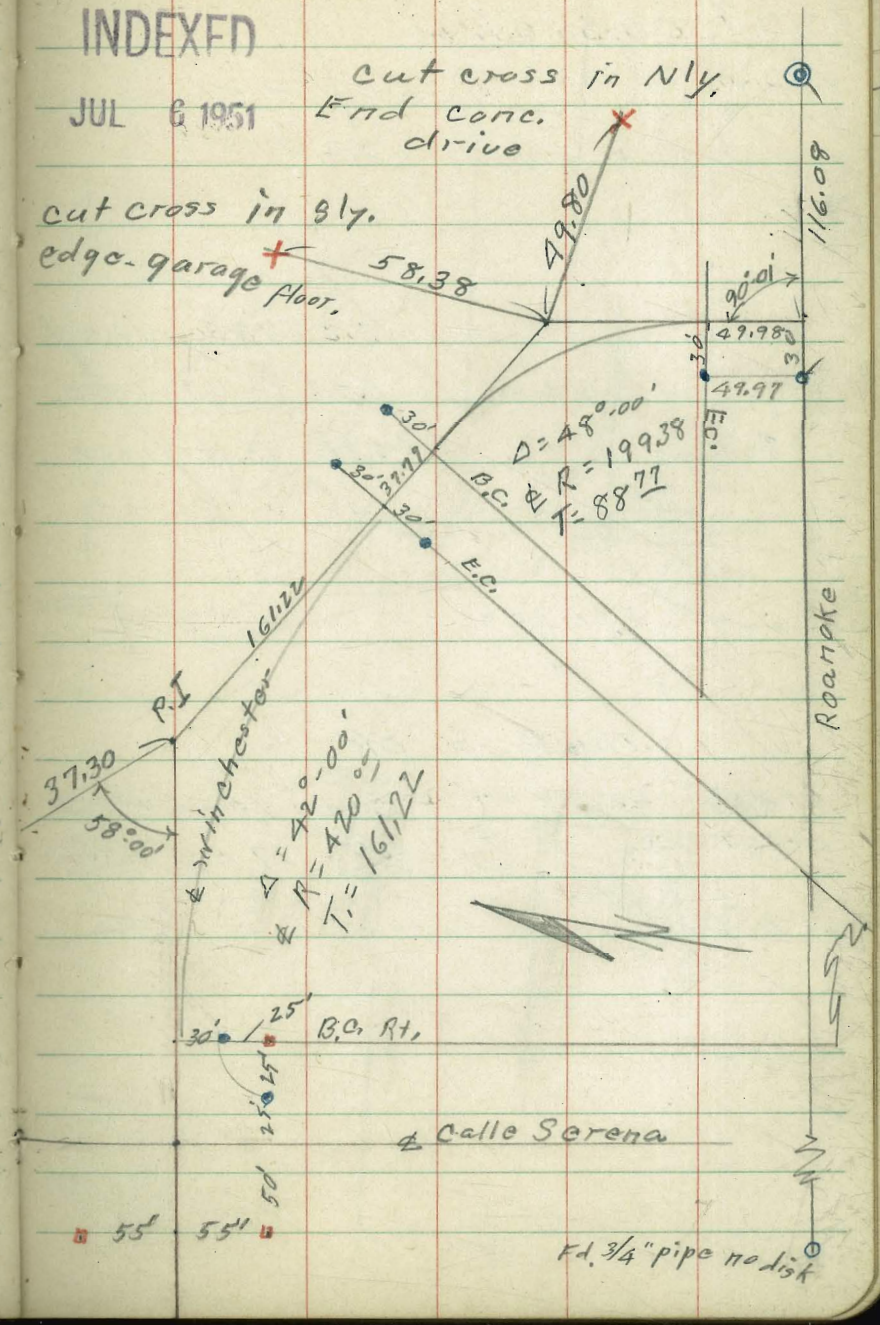
JUL 6 1951



Walker
F. Gregory
G. Pope
R. Sisson
2-16-50

Curb Grades

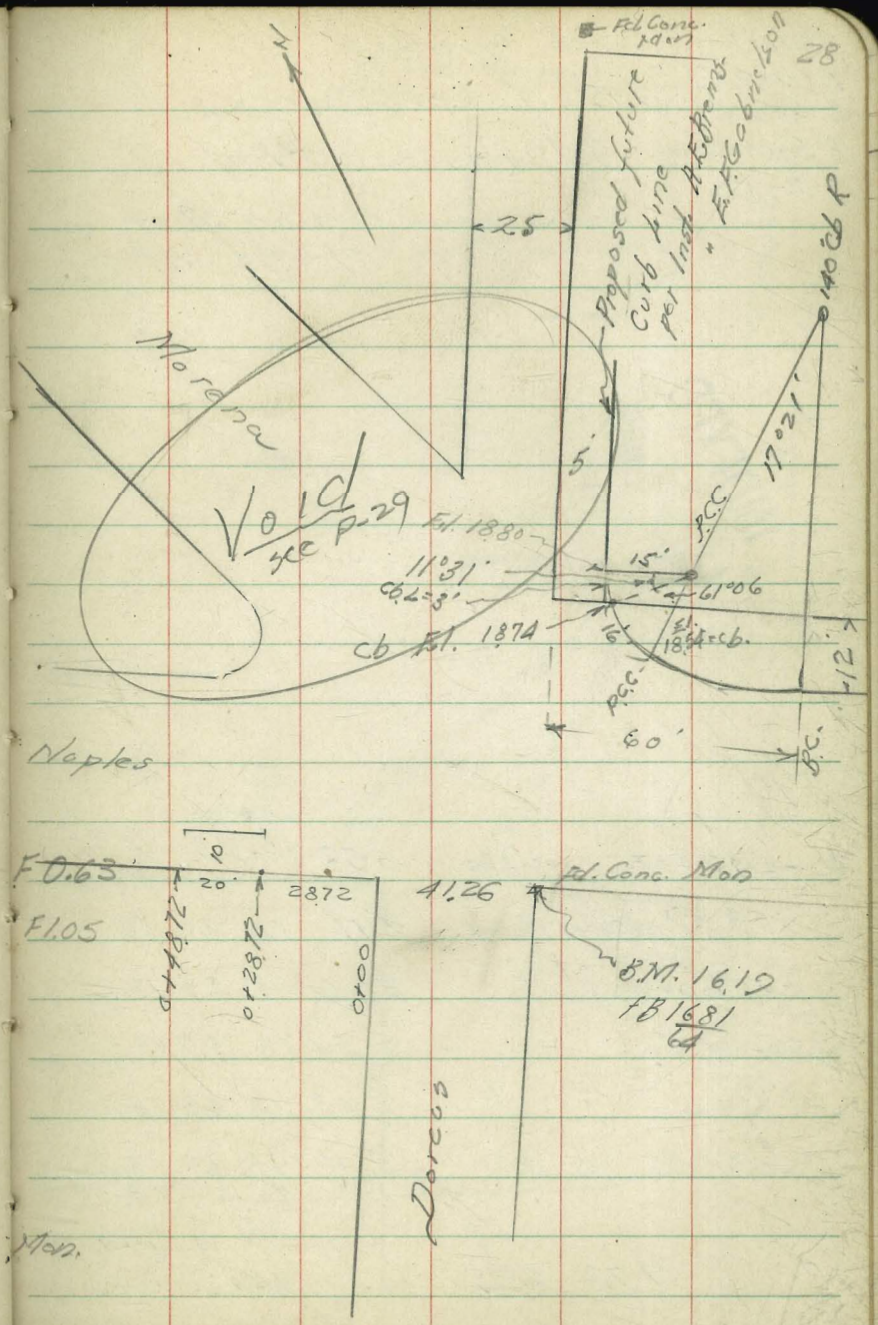
Morena & Naples

W.O. 20008

E.C.	5.16	18.80	18.80
+16' = 1st. Prop line	5.22	18.74	18.74
+8' on curve	5.32	18.64	18.64
PCC	5.42	18.54	18.54
7.77	23.96	16.19 = BM	

This Part OK

0+48.72 = End Proposed cb.	6.30 ~~5.67~~	17.72	18.35
0+28.72 Seq. " "	6.62 ~~5.57~~	17.40	18.45
S.W. Cor Naples 0+00 Dorcas			18.60
7.83	24.02	16.19	SWLY Conc. Dorcas & Naples Mon.



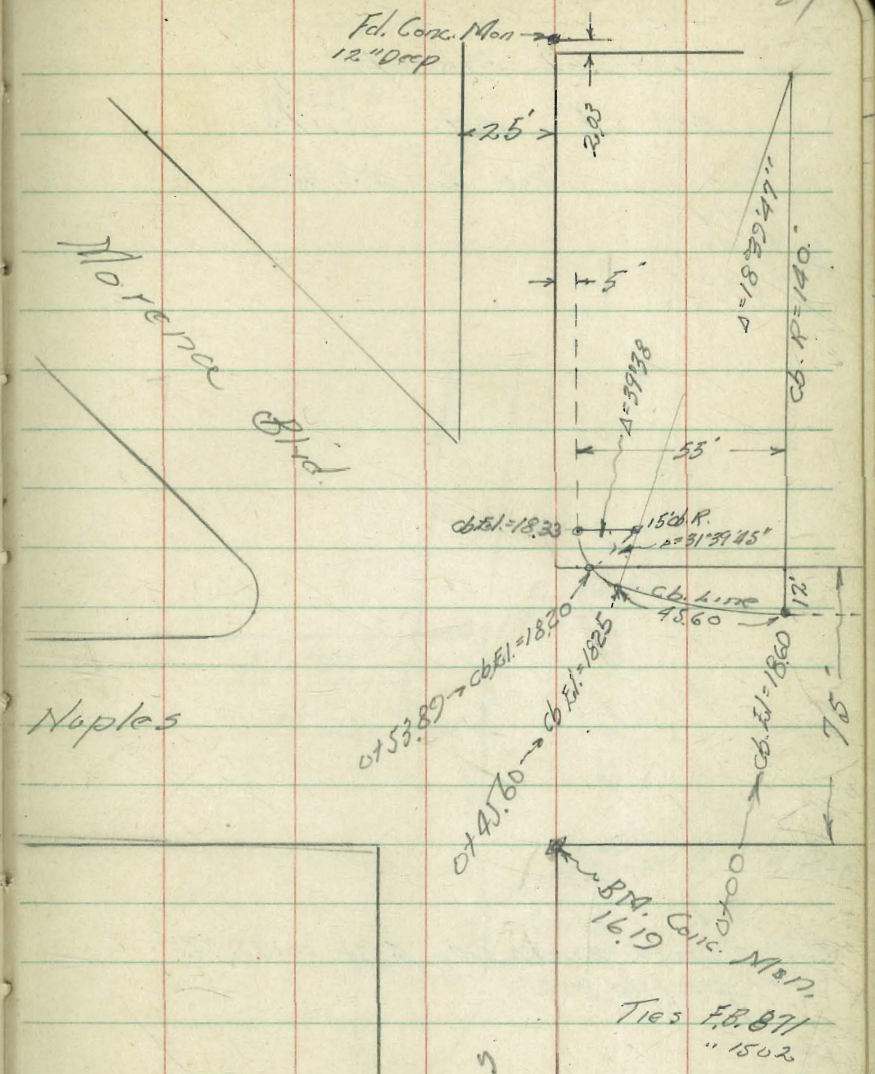
Walker
F. Gregory
G. Pope
R. Sission
3-2-50

Curb Grades
SELY Cor Dorcas
& Morena Blvd.

(Grades from Onion Sheet prepared in city Eng's. office)

INDEXED
JUL 6 1951

		El. Stakes	El. Curb
0+64.26 = E.C. 15' Cb R	5.58	18.33	18.33
0+53.89 = Low Point	5.71	18.20	18.20
0+45.60 = P.C.C.	5.66	18.25	18.25
0+30.40	5.54	18.37	18.37
0+15.20	5.43	18.48	18.48
0+00 = B.C. 140' R	5.31	18.60	18.60
7.72	23.91	16.19	BM. Conc. Mon.



Ties F.B. 871
" 1502

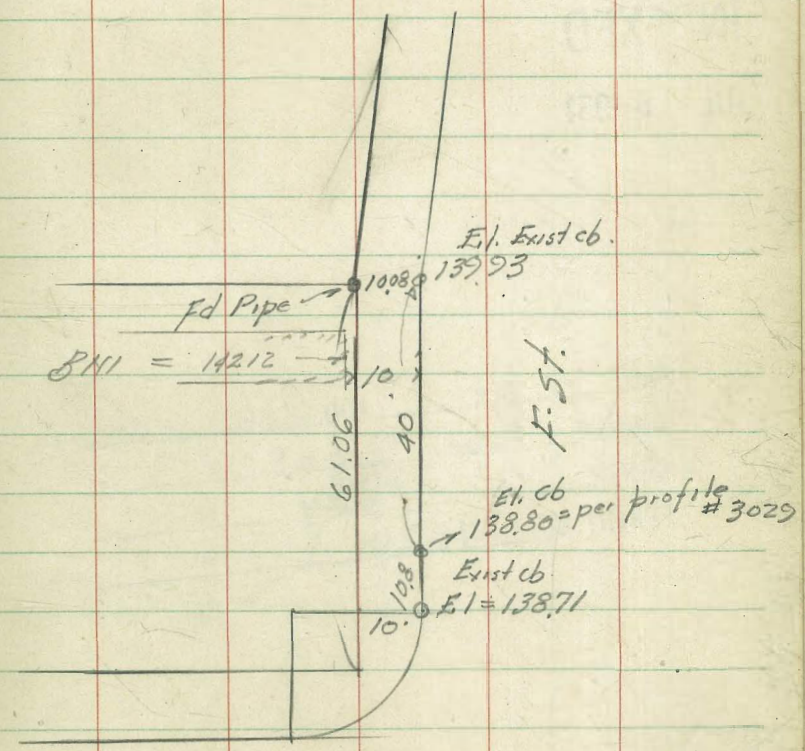
LOT 38-47 BLK. 14 ADD. Tres Lomas
OWNER Earle Peterson
CONTR. Roland Lozano
PERMIT NO. 102094

Curb Grades on F-St.
Lot 22 Blk 7
on F St Side

Walker
F. Gregory
G. Pope
R. Sisson
3-21-50

No 20006

INDEXED
JUL 6 1950



42ND ST.

9+48
B.M. & Drive on N-side F-St = 142.12
Per profile 3029

Curb Permit not found

Curb Stakes - 200' S. of S.L. El Cajon on Both Sides of Dawson.

4359 4-3-50

W.O. 20007 7.0.

INDEXED

JUL 6 1951

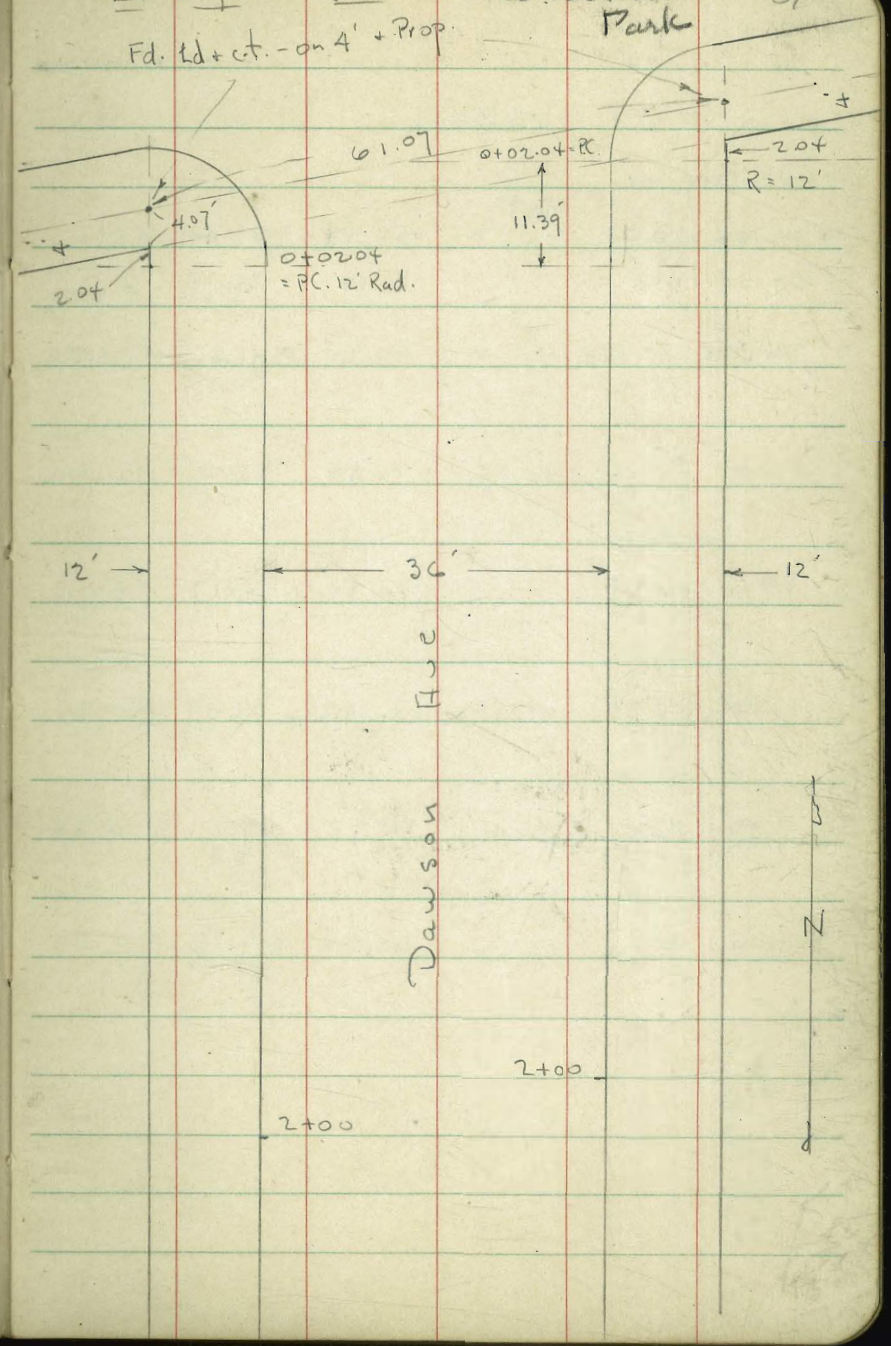
LOT 4 BLK. ADD. Alhambra PK

OWNER Russ. Segal

CONTR. Al Riley

PERMIT NO. 4624

El Cajon Ave - Alhambra Park



S.W. 4' c.t. 382009
Dawson + El Cajon.

W. Side

3' Back

0+00 = Prop. Cor.				
	Meet.			
+02.04 = B.C.		82.44	82.44	
+09.04 = B&K		81.88	82.18 1.38	F 0.30
+25.84		80.25'	381.05' 0.25'	F 0.80
+60		76.99	78.15' 6.99	F 1.16
+95'		74.38	75.17 4.38	F 0.79
1+30		71.82	72.19 1.82	F 0.37
+65'		68.97	69.21 8.97	F 0.24
2+00		65.60	66.23 5.60	F 0.63

E. Side

0+00 = Prop.				
	Meet			
+02.04 = BC		84.78	84.78	
+13.43		83.63	84.00 3.63	F 0.37
+37.23		80.99	381.71 0.99	F 0.72
+60 = cross		79.28	79.73 28	F 0.45
+95'		76.12	76.68 6.12	F 0.56
1+30		72.80	73.63 2.80	F 0.83
+65'		70.42	70.58 .42	F 0.16
2+00		67.20	67.53 20	F 0.33

cb. Stakes Lot 15+16 Blk 207 Univ. Hgts.

Sommermeyer
Allen
Sherman

4-14-50

W.O. 20007

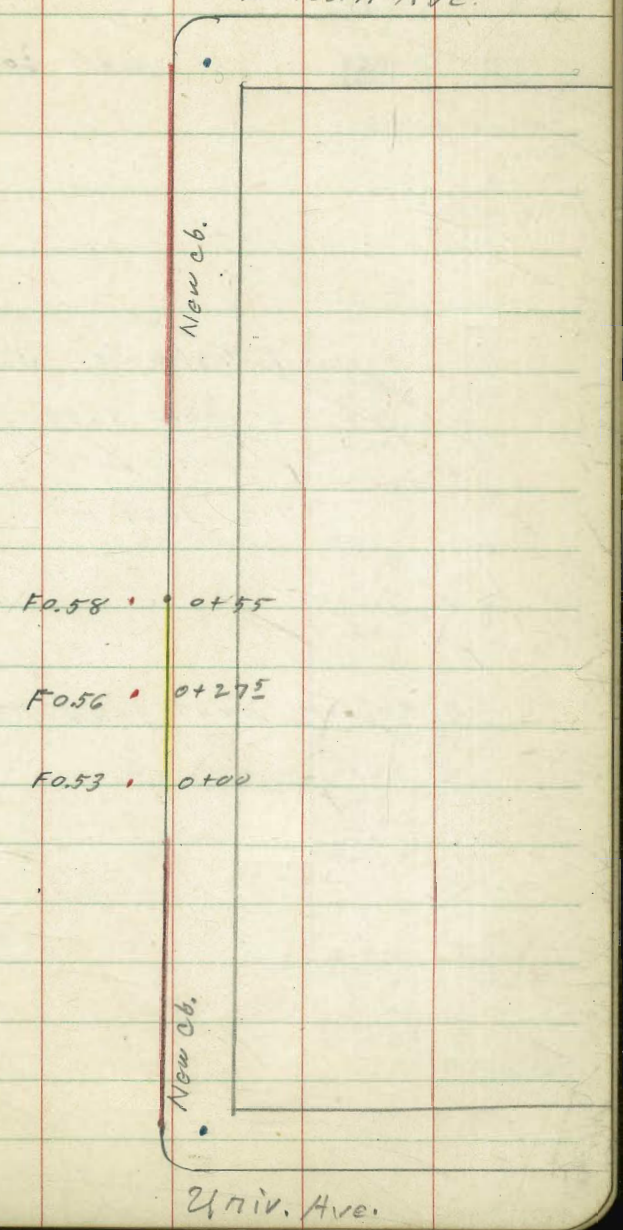
= Fd. 7' L+T.
• = Set nail in Pave

New curb in block is only 0.06 off line as shown by 7' tacks.

55' of curb staked so as to conform to line of new curb (shown in red on sketch.)

LOT 15-16 BLK. 207 ADD. University Heights
OWNER Bank of America
CONTR. John D. Savantino
PERMIT NO. 5770

INDEXED
JUL 6 1951



Cb stakes S.E. Oliver + Ingraham
5-29-50

INDEXED
JUL 6 1951

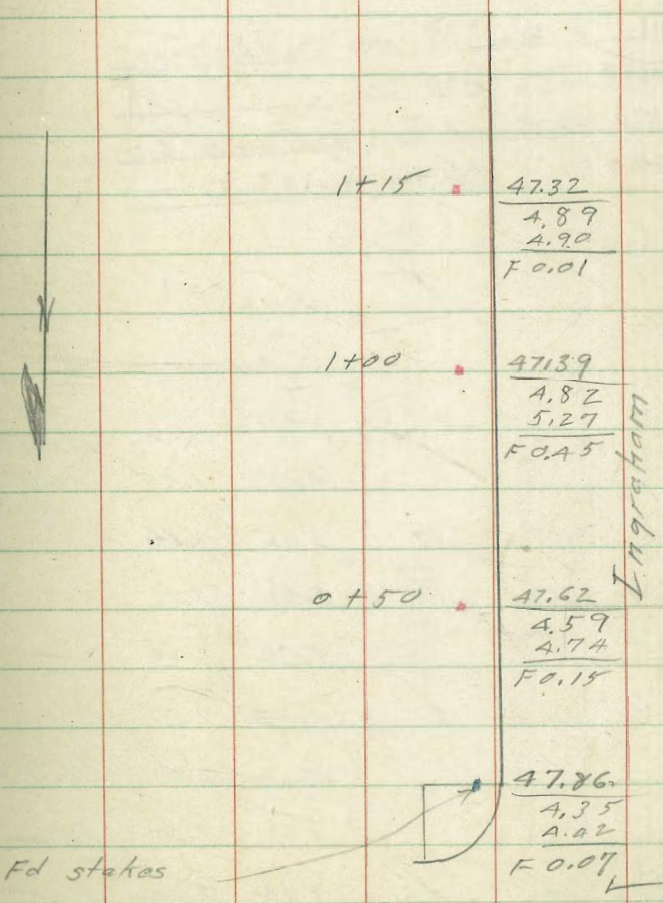
W.O.# 20007

Sommermeyer
Begg
Allen
Sherman

T.P. sheet
L-sheet 7699
profile - 1203
F.B. 1629-21

Set on .0047 grade (Profile #1203)

B.M. = ∡ L+T Oliver + Ingraham = 47.99
4.21
52.21 ⊼



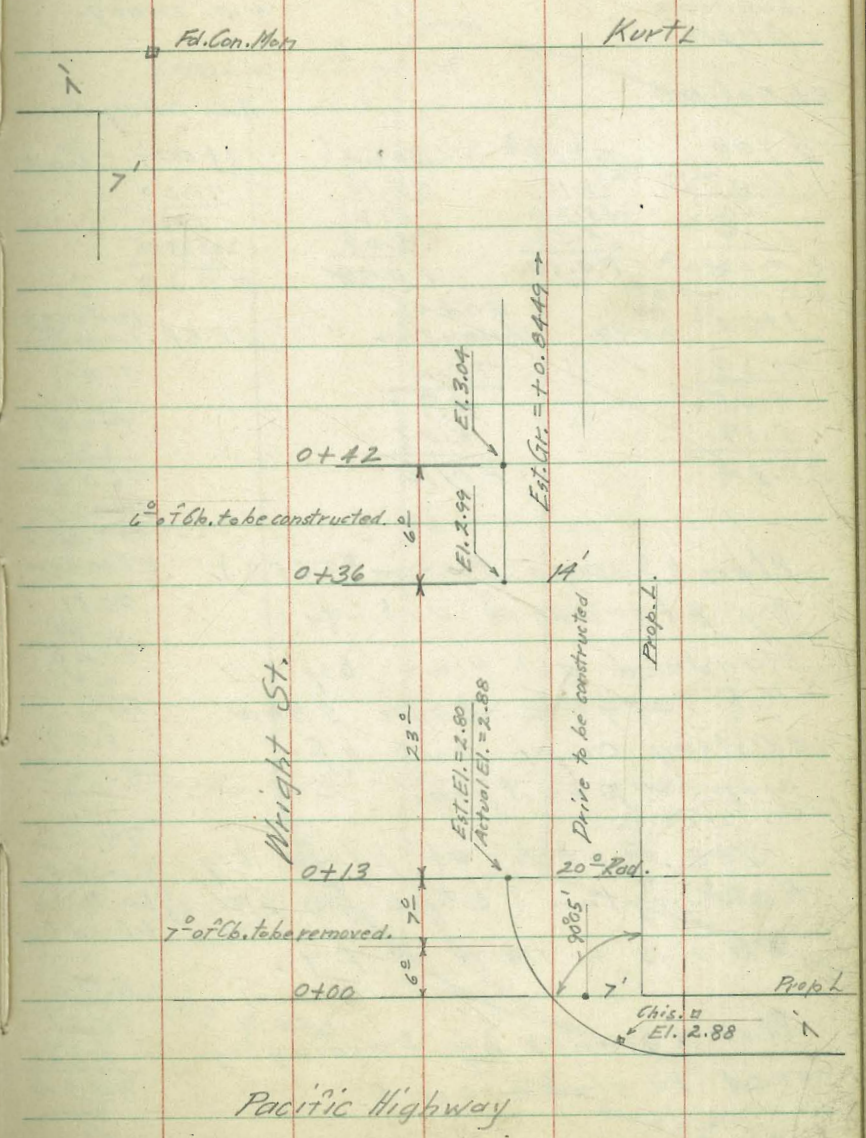
Oliver St
(under const.)

Garber 7/10/50
Chavez
Rorer W.O. 20007 (6-26-50)

INDEXED
JUL 6 1951

LOT 1-2 BLK. 239 ADD. Middletown
OWNER M. Hall Co.
CONTR. Western Service and Equip.
PERMIT NO. 3244 + 1887

			4.12	1.55	Ld. Plg. & TR Bandini & Kurtz
7	4.03	5.67	5.05	1.64	
7	4.53	6.69	5.26	2.16	
+42			4.38	3.04	
+36			4.43	2.99	
			4.54	2.88	Chis. B.M.
0+13			4.54	2.88	Return
	5.14	7.42	4.24	2.28	
	4.99	6.52		1.53	SW Ld. & TR Bandini & Kurtz



N.W. Cor.
La Jolla Blvd + Forward St.

Sommermeyer
Johnson
Allen

9-11-50
W.O. 20007.

Cb. Rot. E.C.

0+00	0+35.6	0+64.1
75.10	75.10	75.13
5.24	75.24	5.21
5.02	5.34	5.29
C 0.22	F 0.10	F 0.08

B.C. Alley Rot
1+00.1 - to west
75.24
5.10
5.39
F 0.29

E.C. Alley Rot
1+00.1 To North
75.29
5.05
5.39
F 0.34

End of Alley Cbro
75.41
4.93
5.03
F 0.10

S.E.B.P. Midway + La Jolla
71.80
6.44
78.24
1.73
76.51 = N.W. Cor Pipe La J + Forward

76.51
3.89
80.40
4.97
75.43
5.99
81.42
2.36
79.06 = S.W. B.P. La Jolla + Bird Rock

B.M.
76.51
3.83
80.34

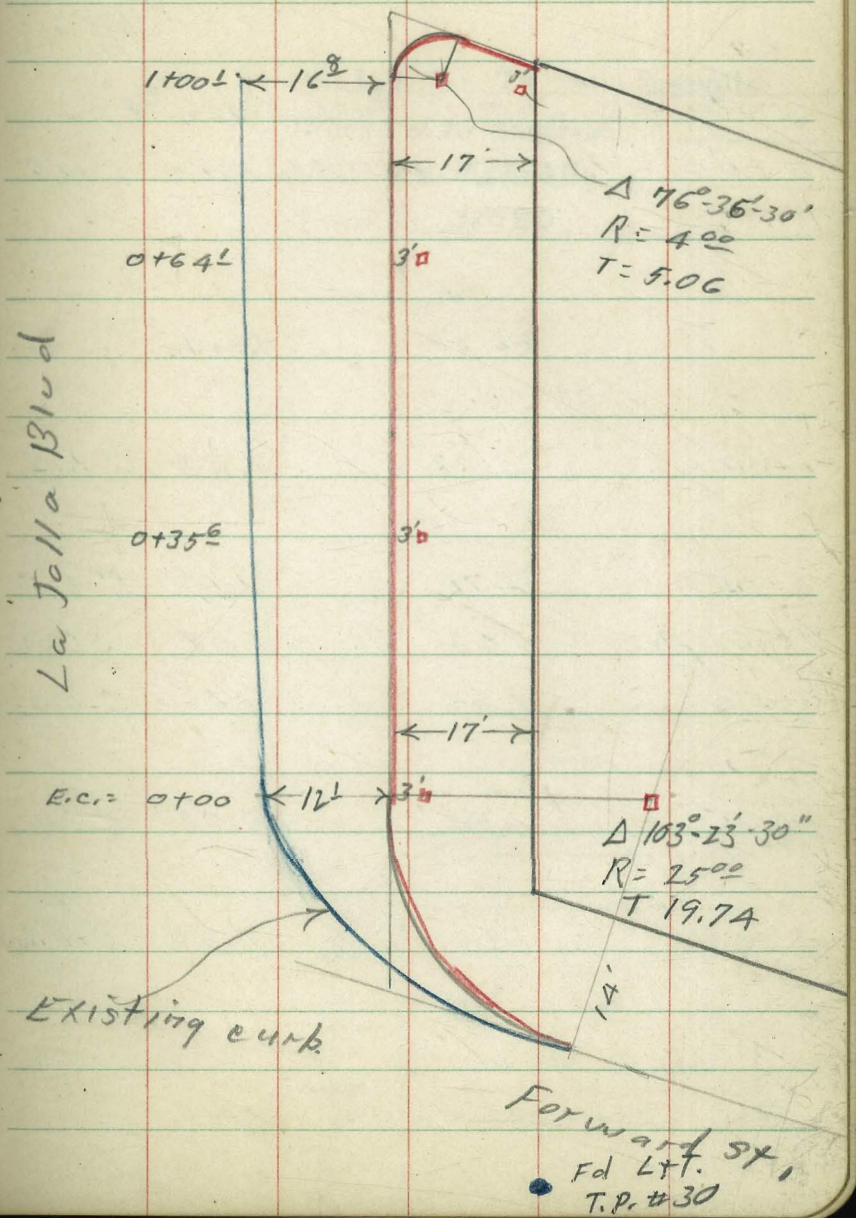
Plan (Service Station #5658) by Standard oil & standard oil Plan by K.F. Jaeger both show existing curb out of proper position.

See sketch of plan by Remington (city Engrs. office) This is a hard copy.

Plan + grades by Remington used to stake curb.

INDEXED
JUL 6 1951

Fd. Mon. 36
T.P #30



Fd L+T.
T.P. #30

Allen
Shepard
Bruner

Curb Stakes
2809-31 Jarvis ST

Wo# 20007
March 30, 1951

Stakes set 7' back Curb face.

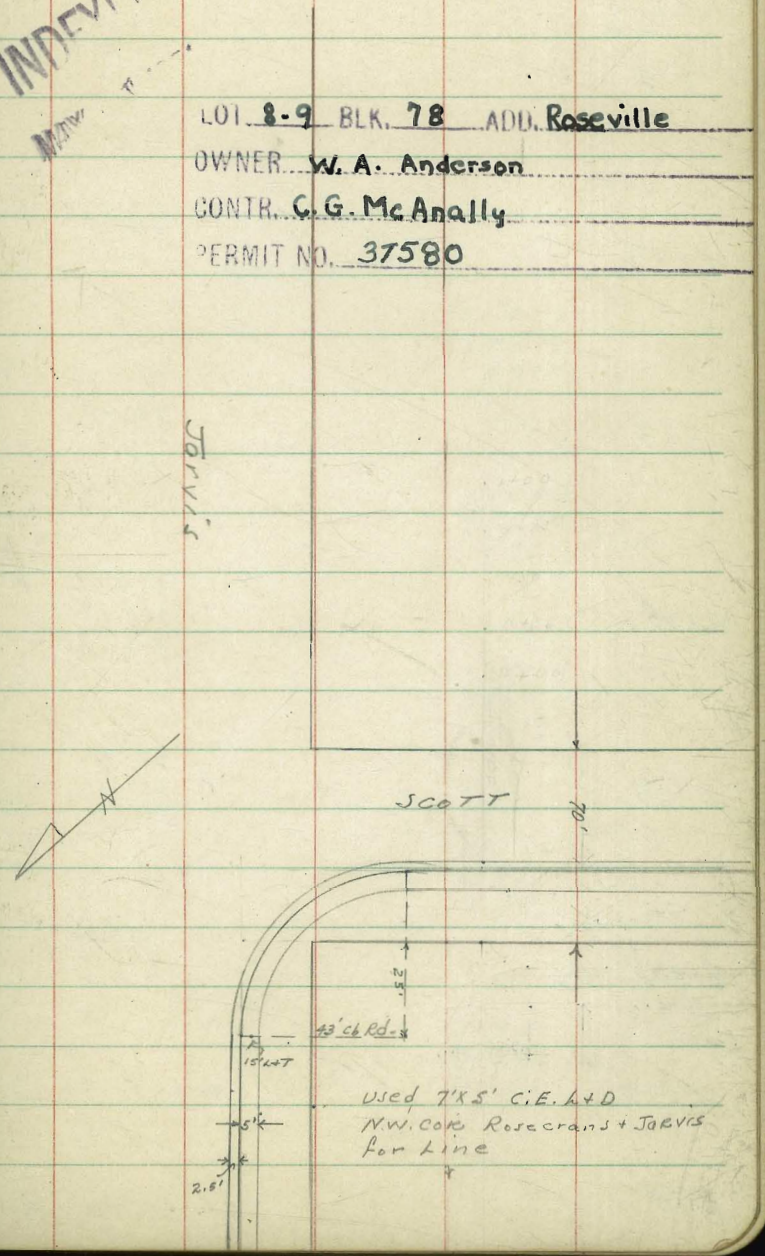
0+00 = 100' South Sly Line SCOTT

	EL of Stake	Grade	
1+00	2.38	1.23	C-1.15
0+75	1.71	1.14	C-0.57
0+60 Brk	1.63	1.09	C-0.54
0+50	1.44	1.06	C-0.38
0+25	1.45	0.98	C-0.47
0+00	1.50	0.90	C-0.60

BM - 25+15' LHT NW COR. 0.90

INDEXED

LOT 8-9 BLK. 78 ADD. Roseville
OWNER W. A. Anderson
CONTR. C. G. McAnally
PERMIT NO. 37580



Roberts
Cbta
Moore
Pullen
Aug 2, 1951
W.O. 20007

Curb Grades on 52nd St.
w. side 52nd For 200' Nly from Trojan
For Delgado (No Construction)

Profile 2494

1+13				345.69 344.03 C 1.66	
T.P. 344.48					
0+93				341.41 341.28 C 0.13	
0+63				336.98 336.83 F 0.15	
TP 335.08					
0+43				334.46 334.19 F 0.27	
0+23				331.94 331.30 F 0.64	
0+08 BC				330.30 329.30 F 1.00	
0+00 Nly. P.L. Trojan				No Grade For Return	
BM				351.67 ℄ Ld & CT	

INDEXED

Wlg. Curb Line 52nd
Stakes on Cb Line
18' Wlg of ℄ 52nd

2+13				364.44 354.49 C 9.95	
1+93				360.55 352.84 C 7.71	
1+73				355.91 350.97 C 4.94	
TP 353.63					
1+53				352.23 348.88 C 3.35	
1+33				349.93 346.57 C 3.36	
54th & Trojan					

Stake curb - Nly. of Santa Margarita + Church ward.

LOT u.t. BLK. 13 ADD. Las Alturas #4

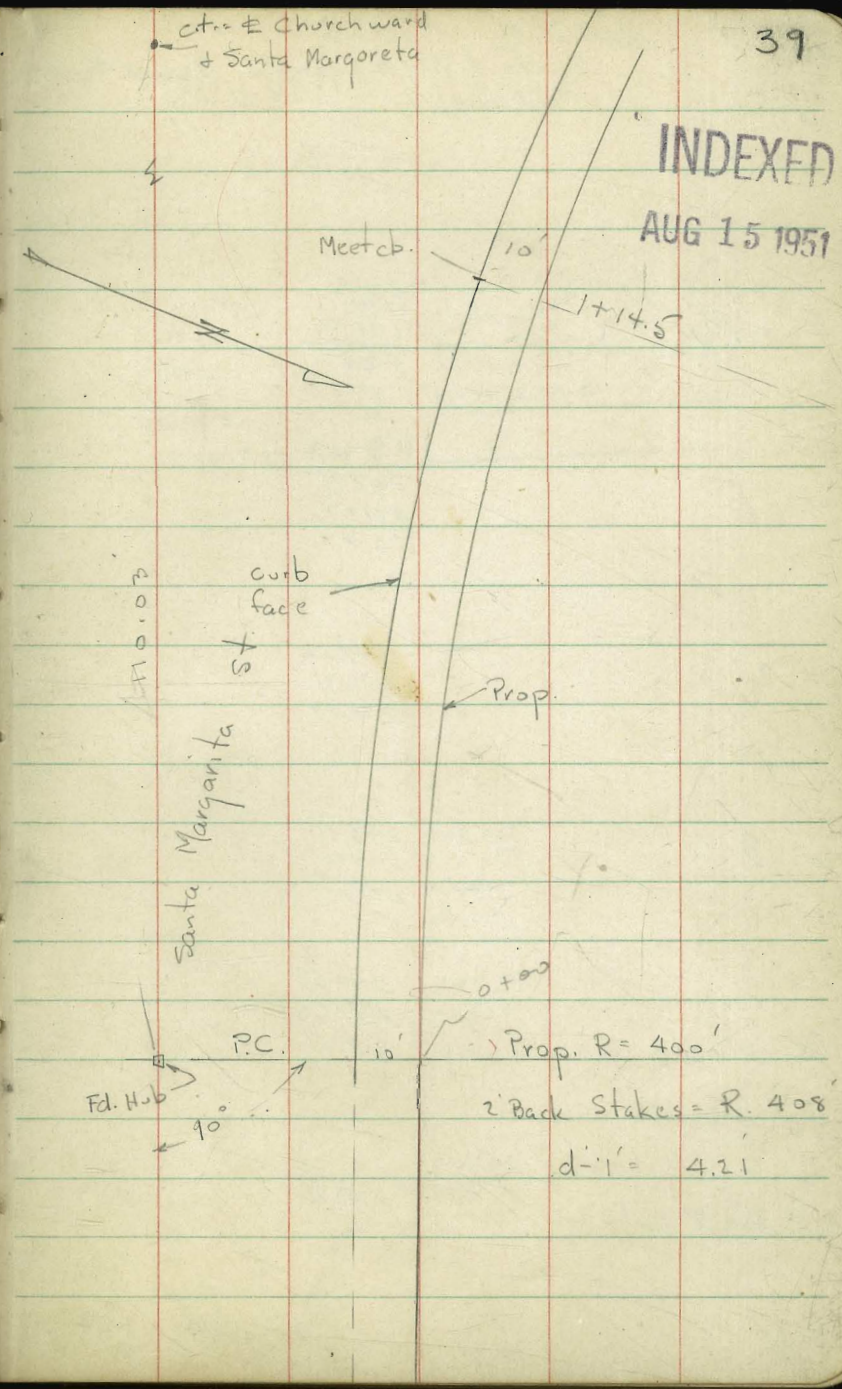
5604 OWNER ~~Bishop of San Diego~~ 8-14-51

W.O. 2 CONTR. Milton E. Sykes 7.0.

PERMIT NO. 50524

Stakes 2' Back

0+00 = P.C.	79.45'	80.69 / ~~80.55~~ / 79.45	F ~~1.10~~	1.24
+10 - d = 42'	80.47	1.21 / ~~80.99~~ / 47	F ~~0.52~~	F0.74
+30 - 2°06'15"	81.82	82 / ~~81.69~~ / 2.10	~~C 0.13~~	F0.28
+50 3°30'30"	83.02	3.02 / ~~82.57~~ / 2.89	C ~~0.45~~	C0.13
+70 4°54'45"	83.98	4.18 / ~~83.45~~ / 3.67	C ~~0.53~~	C0.31
+90 6°19'	84.27	~~4.45~~ / ~~84.33~~ / 27	F ~~0.06~~	.18
1+14.5 = Exist. cb.		85.41		



INDEXED
AUG 15 1951

Roberts
Cota
Moore
Pollen
Aug 23, 1951
Wd. 20007

Grade Stakes For Curb
Conde & Pine
Profile 2660 & 735

Permit #44891

INDEXED
AUG 8 1951

LOT 2 497 ADD. Old San Diego
OWNER F. McBride
CONTR. F. Moreno
PERMIT NO. 44891

0+20			248.20 248.02 F0.18								
0+00 EC on Pine			248.15 247.78 F0.37								
# 1			247.95 247.52 F0.43								
# 2.			247.20 246.71 F0.49								
# 3			246.11 245.70 F0.41			0+80			246.95 246.75 ~~F0.20~~ F0.20		
BC on Conde			244.67 244.60 C0.07			0+60			247.39 247.60 F0.21		
31.28' Below BC on Conde			241.72 240.45 C1.27			0+40			248.04 248.00 C0.04		
BM				244.89	T'CT Pine & Arista						

Roberts
Cota
Moore
Pullen
Aug 31, 1951
WO 62190

Grade Stakes For Curb Lot 9 BLK 11
Calle Tres Lomas

INDEXED

SEP 20 1951

0+95	308.85 308.85 GRADE	
0+80	308.08 308.05 C 0.03	
0+60	307.39 306.90 C 0.49	
0+40	306.54 305.95 C 0.59	
0+20	305.79 305.25 C 0.54	
Exist BC 0+00	304.70	
	304.18	NW Cor Chisel Square

Cumberland & Calle Tres Lomas

Curb Stakes Ingelow & Rosecrans
Lots 11 & 12 Blk 75 Roseville

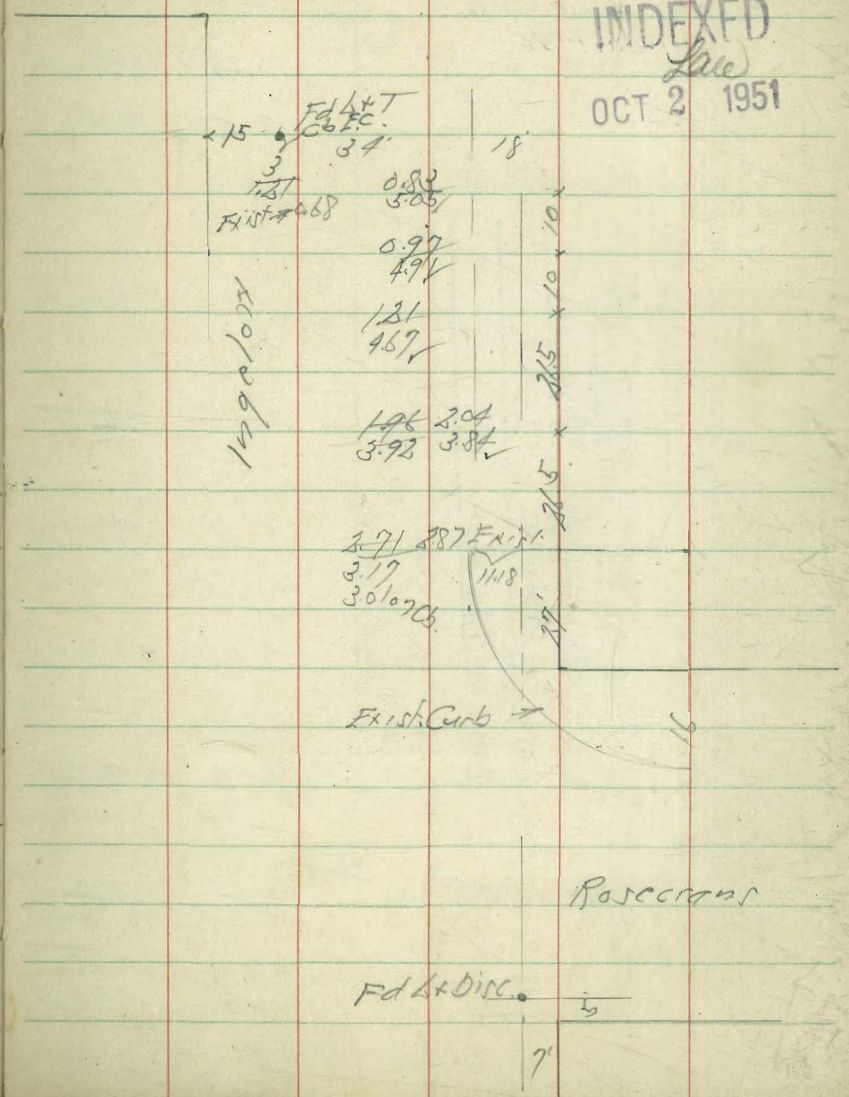
LOT 11-12 BLK. 75 ADD. Roseville
OWNER W. H. Waite
CONTR. Al Riley Inc
PERMIT NO. 46985

BM	2.54	5.88	3.34	SW 5x7 L+Disc Rosecrans + Ingelow

Profile #2587
Stakes offset 2.0'
Cross Sec. 1808-22

Oct 1-51
H. Sisson
Clark
Rorer
Fritz
W.O. 20007

INDEXED
Law
OCT 2 1951

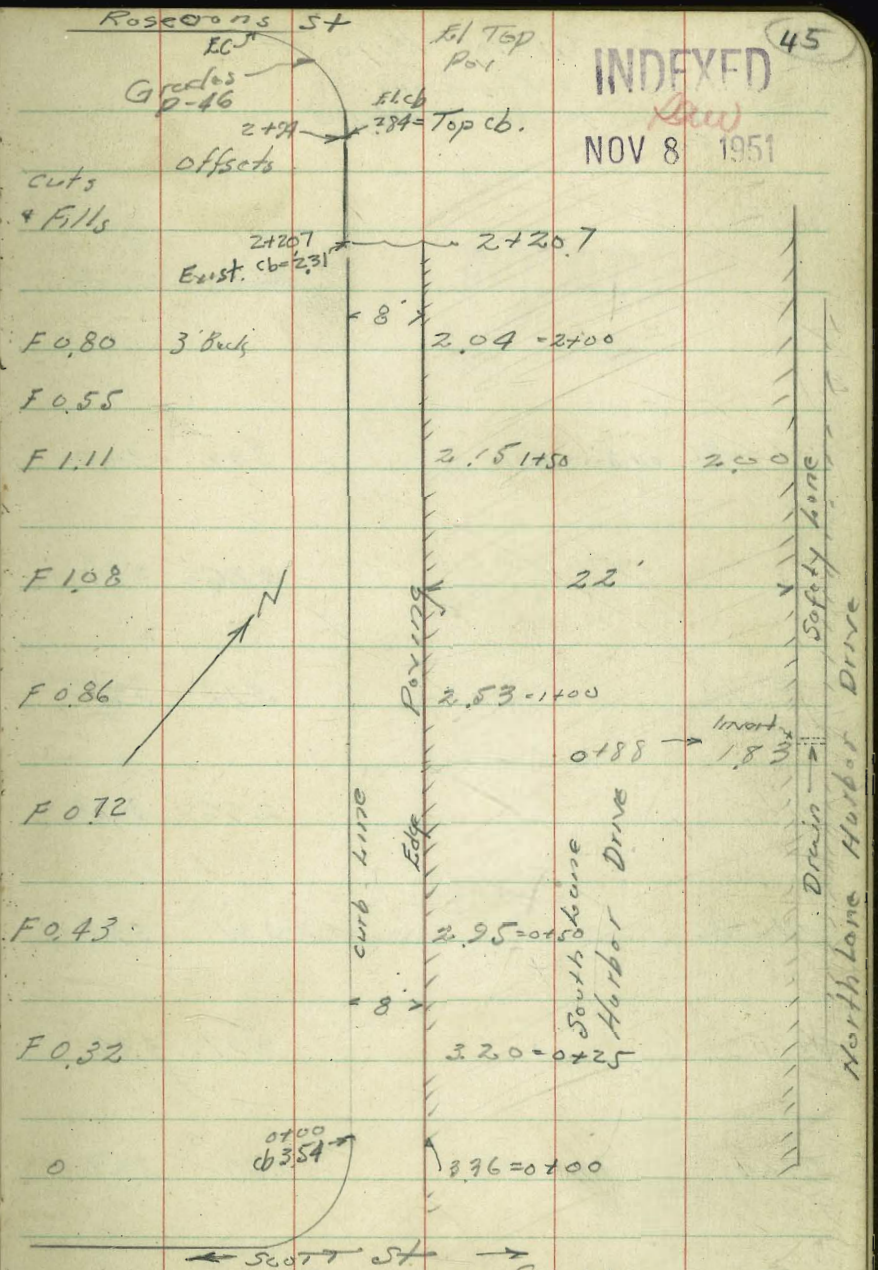


Curb Grades - Hugo St.
from Scott St.
To Rosecrans

	Elev. Stakes	El. Top Curb
2+94		2.84
2+20.7 - Beg. Exist. curb — Cont. P-46		~~2.31~~
2+00	2.37	3.17
1+75	2.52	3.07
1+50 = Low Point in Curb	1.86	2.97
1+25	1.98	3.06
1+00	2.30	3.16
0+75	2.53	3.25
0+50	2.92	3.35
0+25	3.12	3.44
0+00 = E.C. Exist. Cb Return	3.54	3.54
	1.52	

LOT 7-10 BLK. 63 ADD. Rosecrans
OWNER Transbay Corp.
CONTR. Same
PERMIT NO. 56530

INDEXED
NOV 8 1951



B.M. S.W. Disc. Garrison & Scott
F.B. 2041-23

Curb Grades - Hugo St.
Bet. Scott & Rosecrans.
Grades worked out by Burrel
11-6-51

	El. Stakes	El. Top cb	Cuts & Fills	offsets
4 = E.C. on Rosecrans	3.40	3.40		
3	3.26	3.39	F 0.13	3' Back
2	3.14	3.38	F 0.24	"
1	2.96	3.38	F 0.42	"
2+96 = B.C.	3.37	3.37	Grade	Back 1.80 chisled Mark in Conc. Traffic signal Control
2+75	2.97	3.32	F 0.35	3' Back
2+50	2.69	3.27	F 0.58	"
2+25	2.54	3.22	F 0.68	"

Cont. from P-45

INDEXED
DEC 13 1951

Restake 4-9-52 [illegible]

Grade Stakes - Set. on N. curb Line of Udall - Worden to Warrington.

5922 1-21-52 - 7.0.

W.O. 20007

	3' Rod & Tape	North side		
	79 62		9.2	
0+00 = E.L. Worden	C0 62	79.2	79.00	C 0.2
	81 11		1.0	
+50	C0 72	81.0	80.3 (33.)	C 0.7
	82 38		2.2	
1 ~	C0 72	82.2	81.7 (66)	C 0.5
	84 00		4.0	
+50	C1 00	84.0	83.0	C 1.0
	86 40		6.7	
2 ~	C2 07	86.7	84.3 (33)	C 2.4
	88 14		9.5	
+50	C2 48	91.5	85.7 (66)	C 5.8
	88 91		9.7	
3+00 = W.L. Warrington	C1 91	89.7	87.00	C 2.7

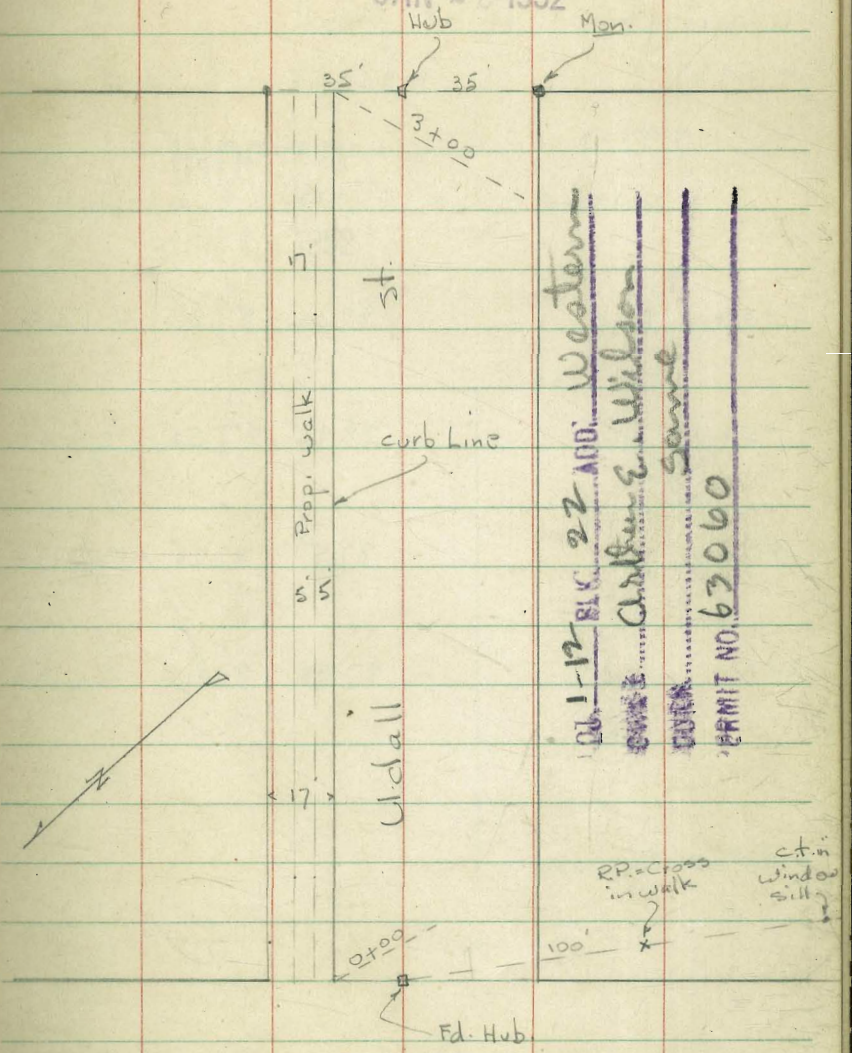
Stakes on curb Line

		South side	
Not staked		78.00	
	80 28		
0+50	C0 95	79.33	
	81 14		
1+00	C0 48	80.66	
	82 08		
1+50	C0 08	82.00	
	83 69		
2+00	C0 36	83.33	
	86 24		
2+50	C1 58	84.66	
	88 30		
3+00	C2 30	86.00	

B.M = S.W. Mon. Udall + Warrington 87.65

Book 1856 - P. 11

INDEXED
JAN 22 1952



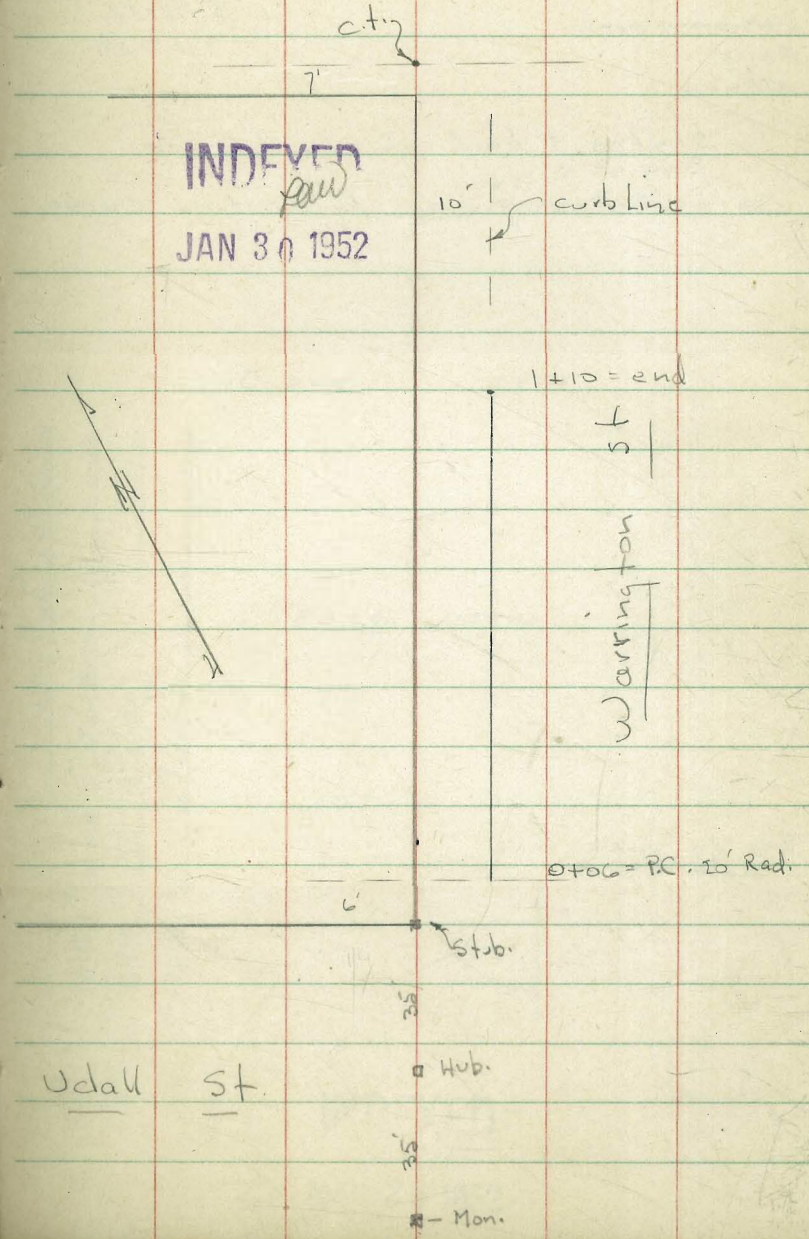
Stake Curb Grade - W. side of Warrington - N. of Udall -

5937 1-30-52 - 7 O.

W.O. - 20007

stakes - 3' Back of cb.

0+06 = P.C.	89.02	9.02 87.33	C 1.69
+50	88.96	8.96 87.55	C 1.41
+90	87.51	87.75 7.51	F 0.24
1+20	87.98	7.98 87.42	C 0.56



INDEXED
JAN 30 1952

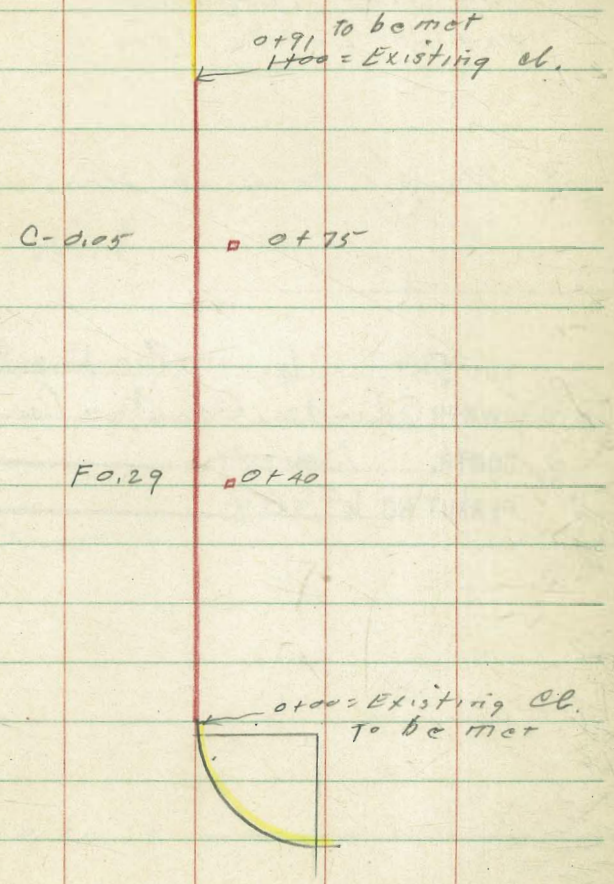
Curb Nly side Pac. Beach Drive
from Wly. line Haines to 100' west

Sommermeyer 3-27-52
Begg 3-27-52
Oltman

Stakes 3' back of curb face.

Raked grade to existing curbs

4103 Haines



LOT ____ BLK. ____ ADD. P.L. 1800
OWNER Jane Cowan
CONTR. Al Riley
PERMIT NO. 69233

INDEXED
MAR 28 1952

Lots 5 + 6 Pac. Beach Vista.

Sommermeyer
Begg
altman

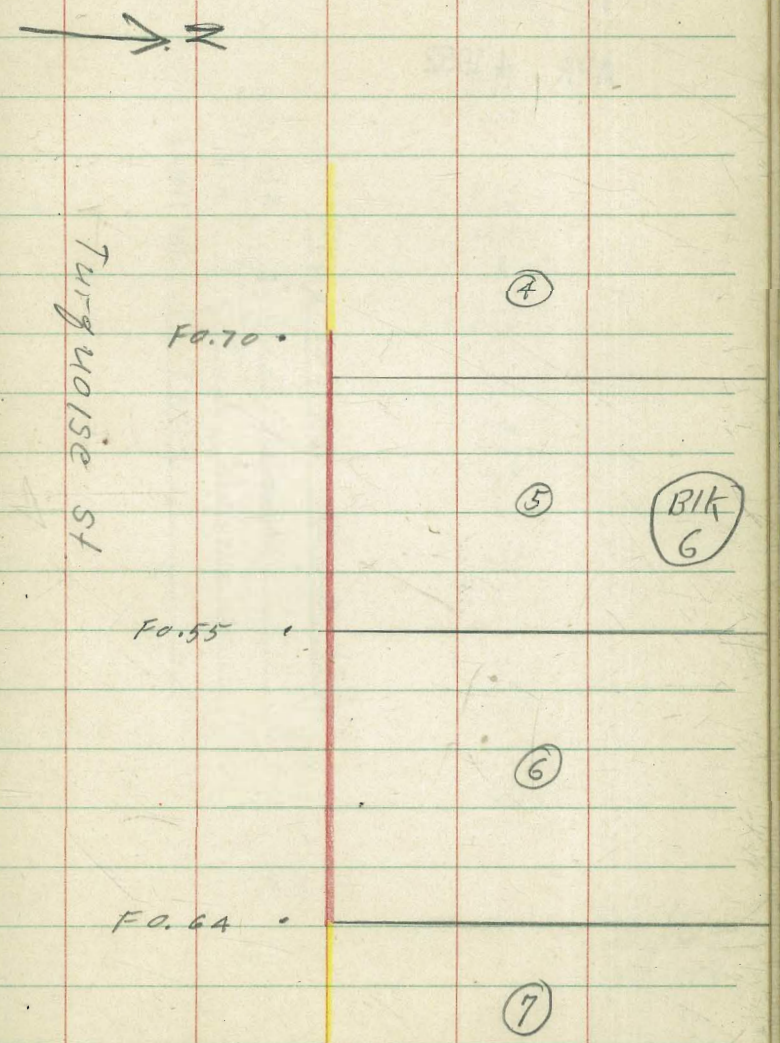
4-1-52

Nly. side Turquoise
East of La Jolla Mesa Dr.

3 Nails 1' So. of ob. line.

LOT 5&6 BLK. 6 ADD. Pac. Beach Vista
OWNER Linden Constr. Co
CONTR. Same
PERMIT NO. 69804

INDEXED
APR 2 1952

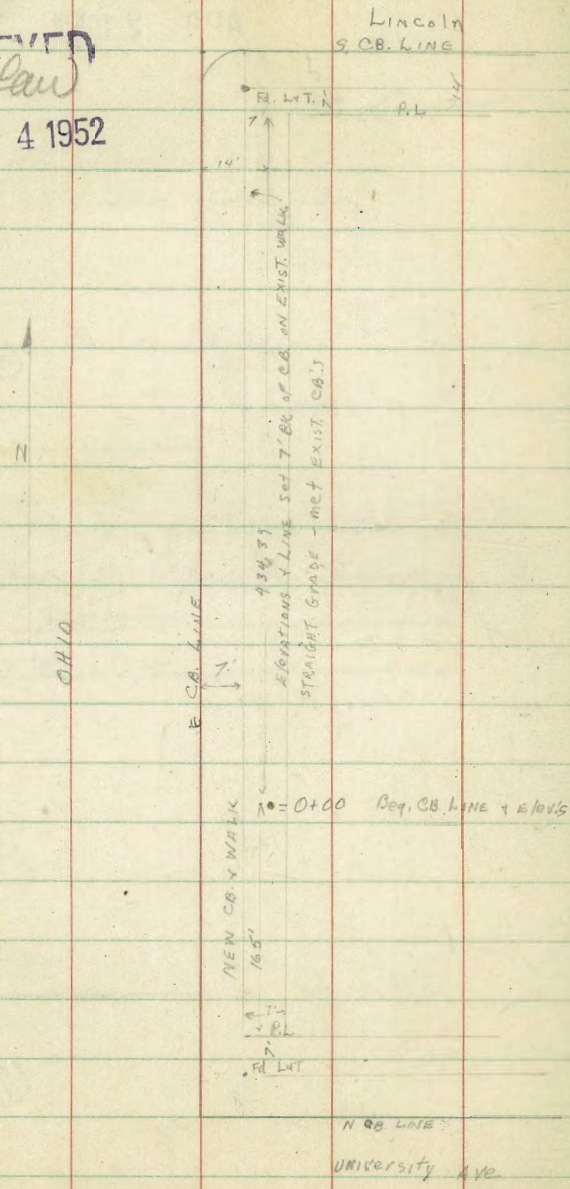


Clark
Shephard
Bruner
Bryson

4-2-52
W.O. 20007.

C.B. Elev. Lots 1-24 Bl'k 208 UNIV. HTS

INDEXED
Law
APR 4 1952



OHIO C.B. ELEVATIONS EAST/LY ONLY
UNIV. to LINCOLN.

		C.B. LINE	
2+00		9.31 9.24 C0.07	
1+75		8.93 8.96 F0.03	
1+50		8.60 8.68 F0.08	
1+25		8.45 8.40 C0.05	
1+00		8.25 8.12 C0.13	
0+75		7.88 7.84 C.04	
0+50		7.62 7.56 C0.06	
0+25		7.33 Rod 7.28 Elev C0.05	
0+00 =	EXIST.	7.00	Direct Elev Rod set on 7' at 0+00 to C.B.

165' N of N.L. UNIV.

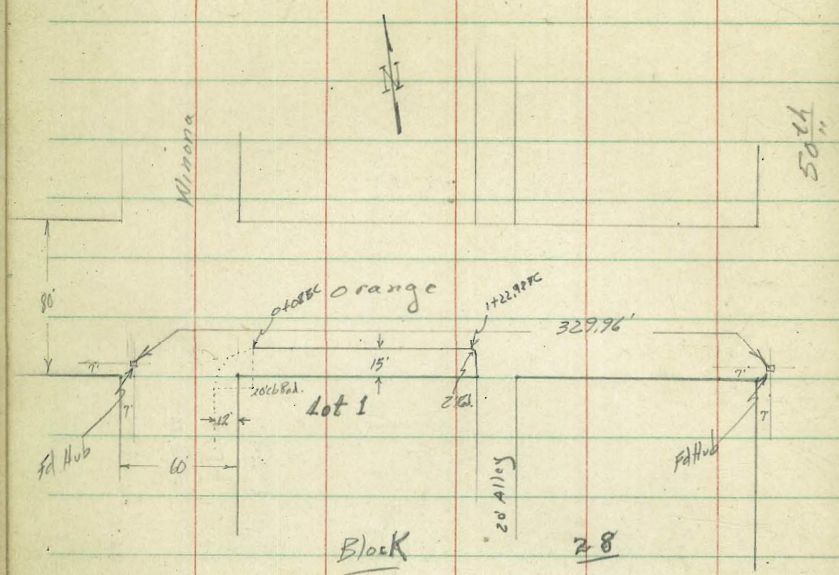
DI 1-24 BLK. 208 ADD. Univ. Hts
OWNER Dixie Lumber
UNIT. Cook Stone Co
PERMIT NO. 67849

				C/B. LINE	
4+25					
4+00		EXISTING CURB	No GRADES NECESSARY		
3+75					
3+50					
3+33	EXIST. CB.			10.74 Elev	
3+25				10.79 10.66 Elev C0.13	
3+00				10.58 10.38 Elev C0.20	
2+84	EXIST. CB.			10.21	
2+75					
2+50					
2+27	EXIST CB.			9.55 Meet Exist.	
2+25				9.68 9.52	

Roberts
Cota
Moore
Pullen
5-1-52
W.O.20007

Grade Stakes for Curb Lot 1 BLK 28 Fairmount ADD.

Profile 707 TP 3664



(contractor wanted only from cb BC at Winona.)

INDEXED
MAY 2 1952

End Alley Rt. at Prop.		325.11 325.09 C 0.02
	street	Alley
1+22.98 Alley Rad	324.98 324.91 F 0.07	324.96 324.91 F 0.05
1+08	325.27 325.28 F 0.01	
0+88	325.70 325.66 F 0.04	
0+68	326.11 326.04 F 0.07	
0+48	326.52 326.39 F 0.13	
0+28	326.94 326.93 C 0.01	
0+08 BC	327.45 327.34 C 0.11	
0+00 East Line Winona		
BM		332.95. SEBP Orange & 49th

OT 1 BLK. 28 ADD. Fairmount
WNER J. Oelikers
UNTR. O.J. Anderson
ERMIT NO. 72885

D. Smith
C. Allen
R Taylor
R. Parks

Stake Cbs Lot 25 thr 30
on 28th st BlK 64
Broadway to "C" st.

LOT 25-30 BLK. 64 ADD. E. W. Morse
OWNER M. C. Fitzmeyer
CONTR. Mike Alonzo
PERMIT NO. 73432

BlK 64

BM

176.05

NEBP 28th
"C" st

Broad way

Fd L+T

end existing Return
elv. 161.15

0+00

7'

FO 42 62.15 162.57 0+30

FO 87 63.12 163.99 0+60

FO 35 65.06 165.41 0+90

FO 42 66.41 166.83 1+20

1+50

168.24
Cb end
existing

50' existing cb walk

28th St

170.56 elv
Cb end

7'

175.05 existing
Cb Ret end

Fd L+T

"C" St

INDEXED
MAY 8 1952

Lot 1 - Blk 35 Pt. Loma Hgts

Tennyson N. Ely. on S Ely. side
San Clemente.

5/13/52

C.H.S.
Begg
Oltman
Johns

Profile # 2335

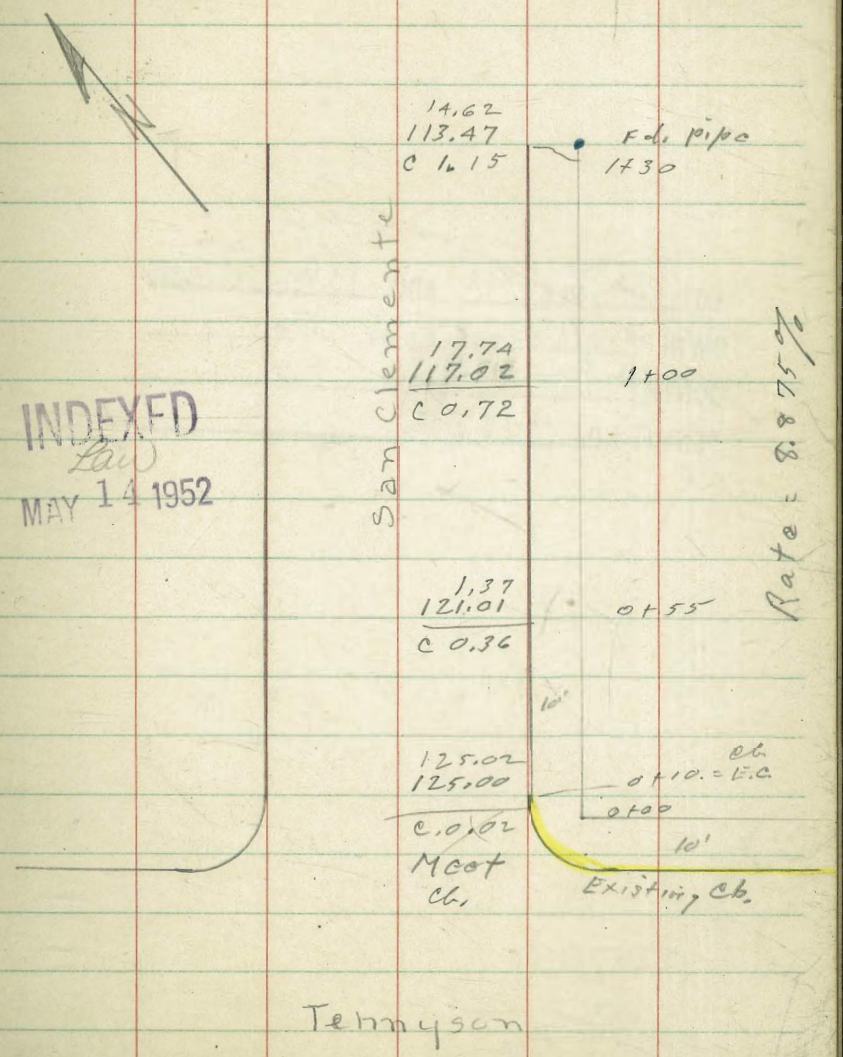
Stakes 3' back of curb face

B.M. = Disk. - Wly. line San Clemente
& Sly. 5' line Tennyson El. = 126.64

B-27
P35

LOT 1 BLK 35 ADD. Pt Loma Hts
OWNER C. Howard
CONTR. J7 Araiza
PERMIT NO. 73763

℄
40' Roadway



INDEXED
Law
MAY 14 1952

Tennyson

D. Smith
C. Allen
R. Taylor
R. Parks

Stake Cbs Lots 15 & 16

3033 - 3039 Broadway

LOT 15 & 16 BLK. 95 ADD. B.W. Morse
OWNER Wico Const. Co
CONTR. Cast Stone Co
PERMIT NO. 73632

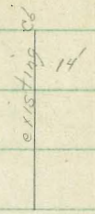
BM 240 197.48 195.08

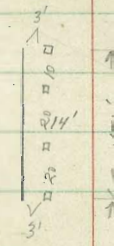
S.E.B.P. 30th & Broadway

WO# 20007 56

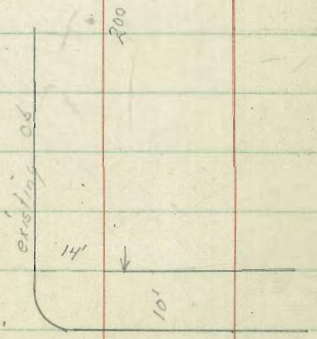
BLK 95 E.W. Morse 5-22-52

SE corner.



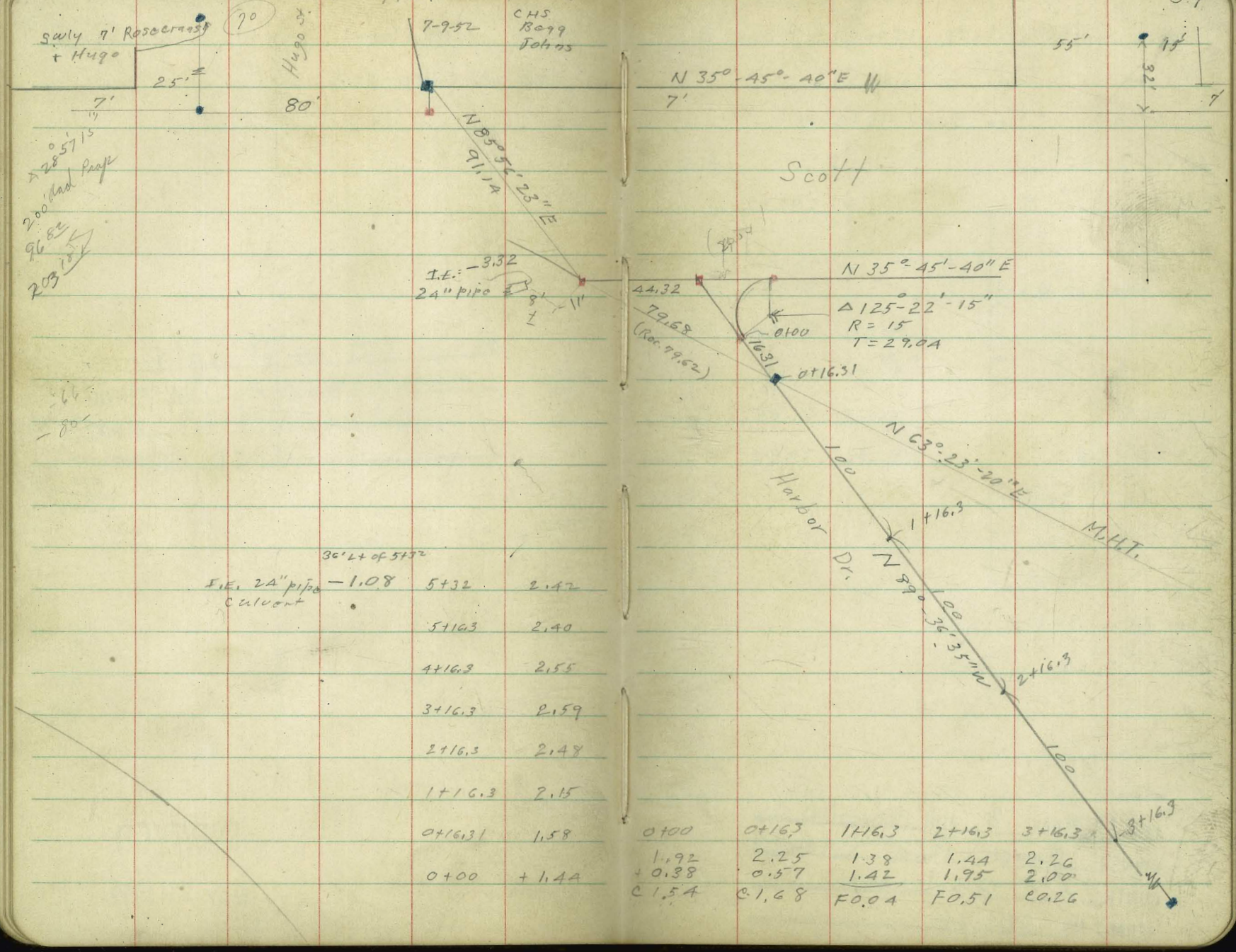


188.25 9.23 9.53 F0.30
189.20 8.28 8.28 F0.50
190.90 6.58 6.23 F0.35
192.10 5.38 5.33 C0.05



INDEXED
MAY 23 1952

Curb stakes Scott + Harbor Drive



36' Lt of 5+32

I.E. 24" pipe Culvert -1.08

5+32	2.42
5+16.3	2.40
4+16.3	2.55
3+16.3	2.59
2+16.3	2.48
1+16.3	2.15
0+16.31	1.58
0+00	+ 1.44

0+00	0+16.3	1+16.3	2+16.3	3+16.3
1.92	2.25	1.38	1.44	2.26
+ 0.38	0.57	1.42	1.95	2.00
C 1.54	C 1.68	F 0.04	F 0.51	C 0.26

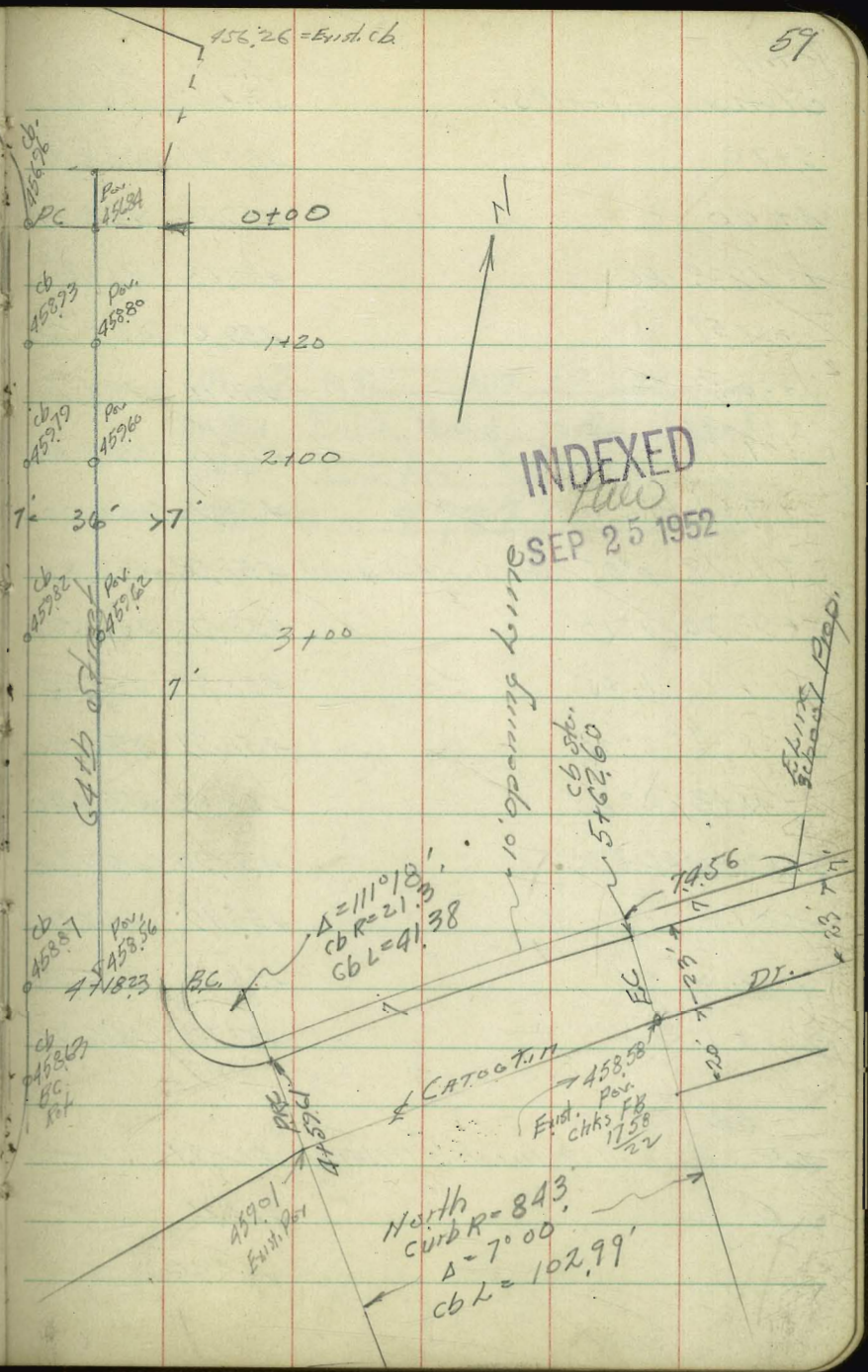
Walker
Popo
~~Huffman~~
9-22-52

Lot 15 - La Mesa Colony

Curb Grades on 64th
And Catoctin Drive

Curb Station		Stake Elev.	Elev. Curb	Cuts & Fills
0 —				
0 - 20.5		456.99	456.67	C 0.32
0+00	opp BC. Rd	457.80	456.90	C 0.90
+35		458.77	457.48	C 1.29
+70		458.81	458.06	C 0.75
1+00 = PVC		459.08	458.55	C 0.53
+20	Bk	459.36	458.86	C 0.50
+40	"	459.26	459.12	C 0.14
+60	"	459.40	459.33	C 0.07
+80	"	459.46	459.50	F 0.04
2+00	"	459.39	459.62	F 0.23
+20	"	459.52	459.69	F 0.17
+40	"	459.59	459.73	F 0.14
+60	"	459.61	459.72	F 0.11
+80	"	459.75	459.65	C 0.10
3+00	"	459.76	459.55	C 0.21
+20	"	459.67	459.39	C 0.28
+40	EVC	459.54	459.19	C 0.35

Cont.
P-60



INDEXED
SEP 25 1952

Curb Station	Cont. from P59		Elev. Stakes	Elev. Curb	Cuts & Fills
3+70			459.41	458.~~85~~ .93	C 0.48
4+00			459.27	458.~~51~~ .66	C 0.61
4+18.23 = F.C.			459.18	458.~~30~~ .50	C 0.68
+28.57			459.23	458.~~20~~ .35	C 0.88
+38.92			459.16	458.~~10~~ .23	C 0.93
+49.26			459.15	458.~~04~~ .10	C 1.05
4+59.61	PRC		458.99	458.00	C 0.99
+76.78	0°35	Ch 1731 1' Back of Walk	458.94	457.88	C 1.06
+93.94	1°10		458.98	457.76	C 1.22
5+11.11	1°45		458.83	457.64	C 1.19
+28.27	2°20		458.97	457.52	C 1.45
+45.43	2°55		458.83	457.40	C 1.43
5+62.60 = F.C.	3°30		458.90	457.28	C 1.62
+87.6			458.79	457.11	C 1.68
6+12.6			458.68	456.93	C 1.75
6+37.16 = End			458.73	456.76	C 1.97

LOT 15 BLK. ___ ADD. La Mesa Colony
OWNER S.D. Unif. Schl. Distr.
CONTR. C. A. Larsen
PERMIT NO. 87827

F.B. 1854-20

T.P. Chk Nail Power Pole # 177749	460.21	
T.P.	464.86	
	465.66	

Nail

B.M. B.P.
NW. 63rd & El Cajon FB 1854/9

N.W. Cor. Trumball & Akron

Lots 11-12-13 BLK. 6

Roseville Hgts. Map # 423

C.H.S.
Begg
oltman
Johns

Profile # 2438
" # 2443

yellow denotes existing curb.

0+00 = Nly line Trumball (map # 423)

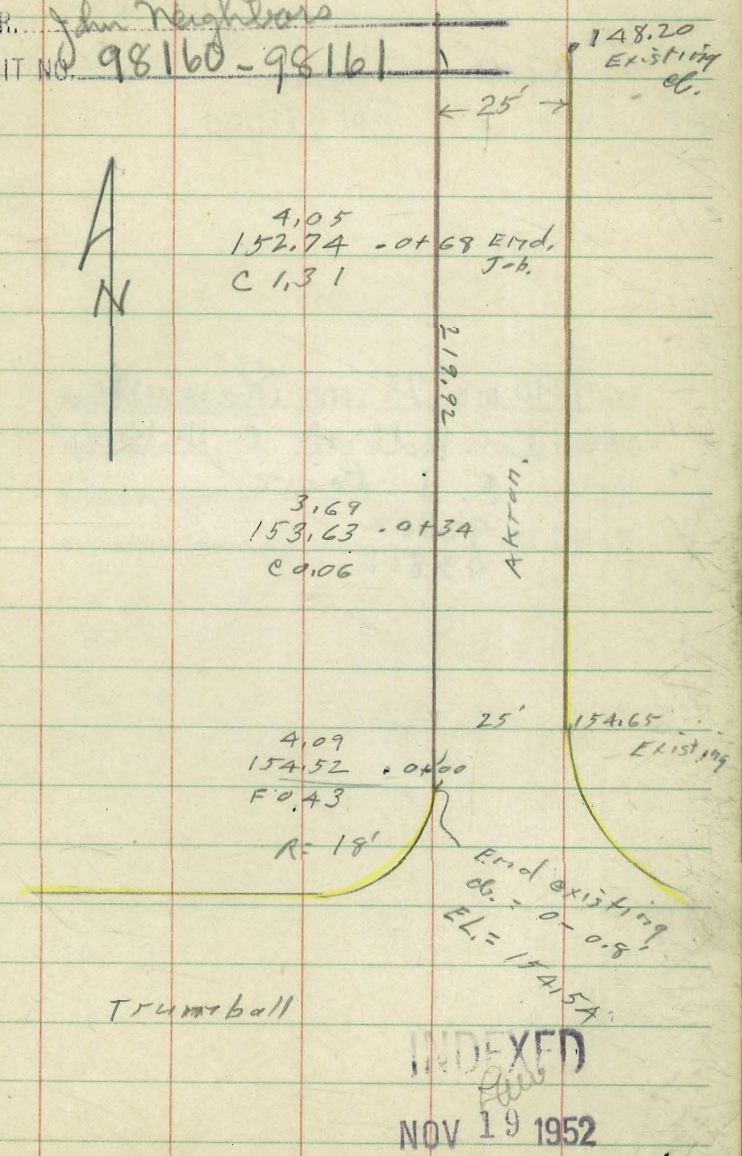
B.M. = S.E.B.P. Trumball + Akron EL = 156.54

LOT 11, 12, 13 BLK. 6 ADD. Roseville Hts

OWNER Erma Byron

CONTR. John Neighbors

PERMIT NO. 98160 - 98161



INDEXED
NOV 19 1952

Curb Stakes Ingelow St. N.W. of Scott St.
Lots 9-10 Block 75 Roseville

Profile #2587
W.O. 20007

Dec. 9-52
A Sisson
Garber
Rorer
Kelley

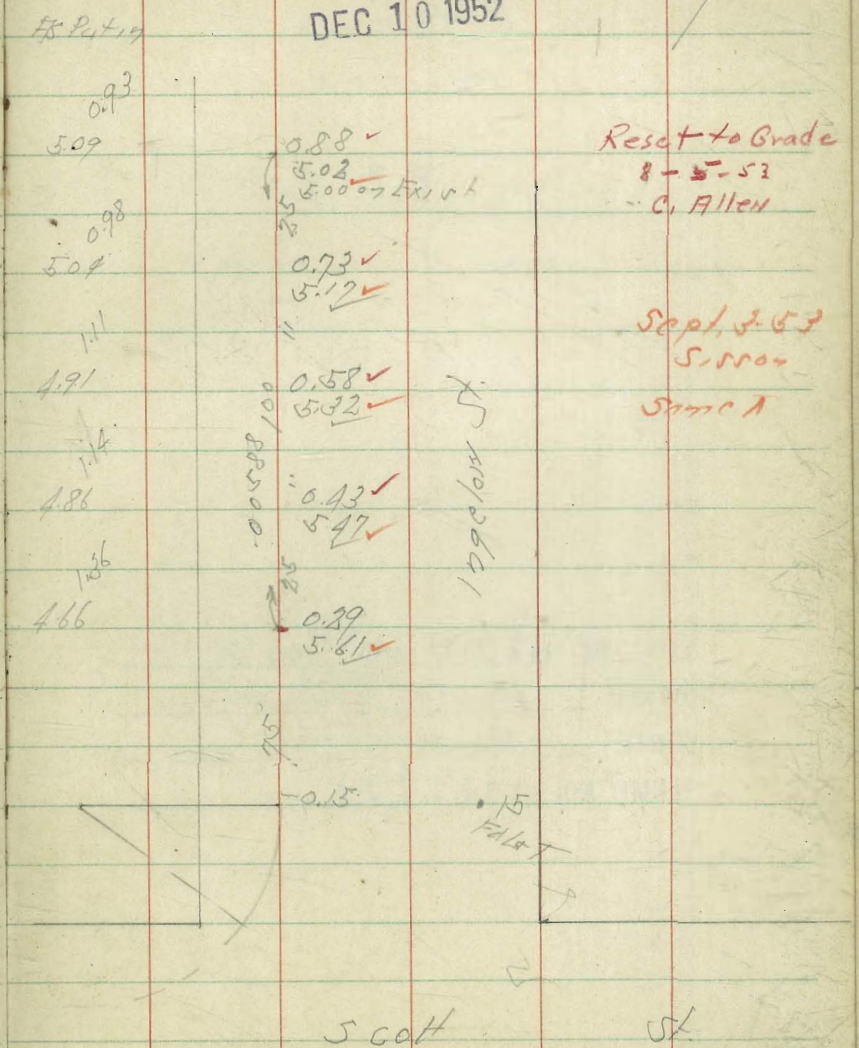
INDEXED
DEC 10 1952

BM	2.56	5.90	3.34	SW 5x7 Lt Disc Rosecrans Ingelow

LOT 9 & 10 BLK. 75 ADD. Roseville
OWNER Don Hollrock & N. Bueche
CONTR. E. J. Leon
PERMIT NO. 93802
93801

Dec. 18-52

BM	2.68	6.02	3.34



Reset to Grade
8-5-53
C. Allen

Sept. 3-53
Sisson
Same A

Ely Side Olney St.
North of Hornblend

7/14/53

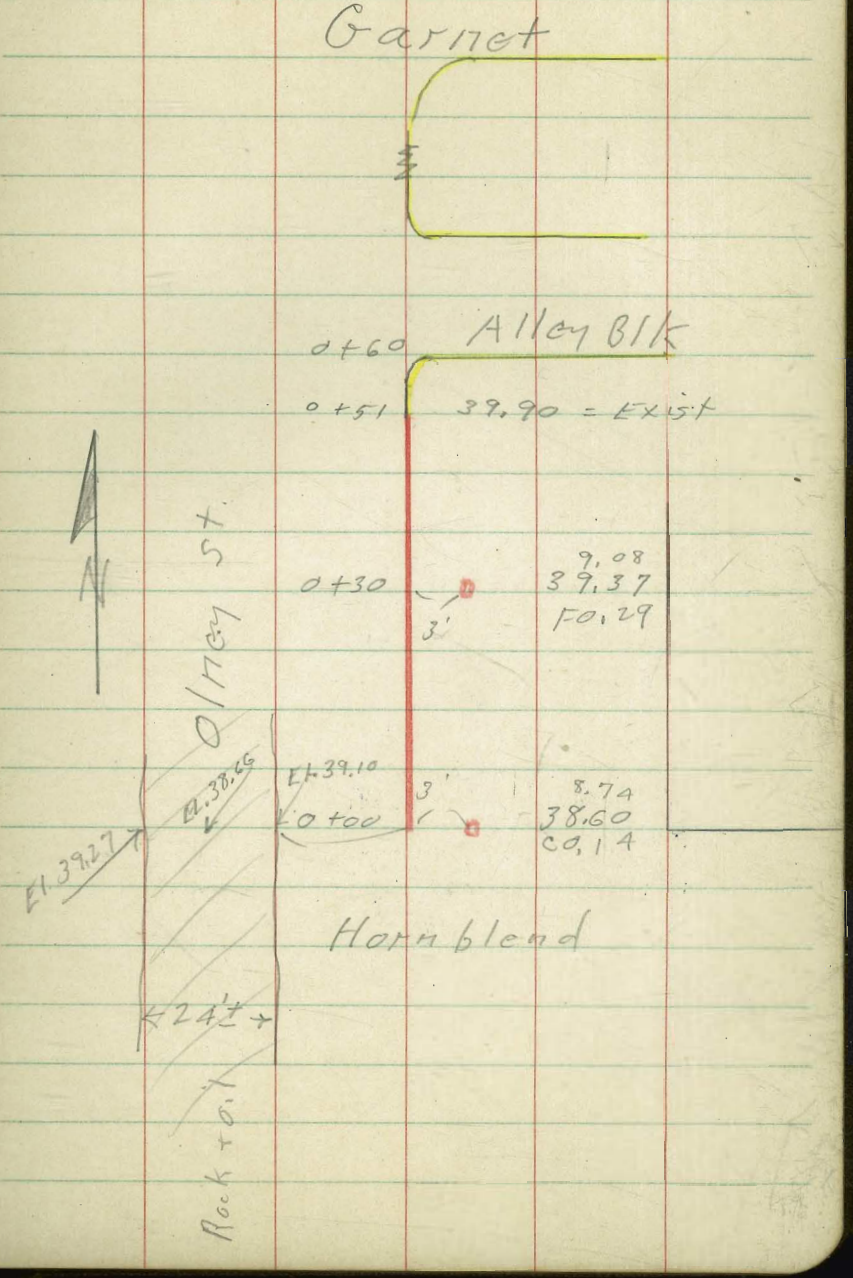
7-14-53
C.H.S.
Begg
Oltman

Profile 1292
No map

P.B. Blk 211 - Lot 20

INDEXED
JUL 16 1953

LOT 20 BLK. 211 ADD. Pac Bench
OWNER Dr McPherson
CONTR. East Stone Co
PERMIT NO. 119931



1457

0+10 - C6 E.C.
+45
+80
1+15
+42.7

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½

For Single Track Embankment.

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

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9 + (20—16) ÷ 2 or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

MADE IN U.S.A.