



# 1854

## 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  $30.6 + (20 - 16) \div 2$  or 2 ft. added to 30.6 = 32.6. For slopes of 1 on 1½ see inside of back cover.

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CITY ENGINEER'S OFFICE

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to page #65

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Made in U. S. A.

INDEXPage

2-36 X Sect Catoctin-ElCajon North

47

} (" " Evergreen Carlton to  
Fenelon

to

59

} (" " Dickers = Evergreen to  
215' N.W. 1/4

37 ALLEY BL. 136 UNIV. HGTS. X-SEC.

60 Santa Barbara &amp; Pt. Loma Aves.

18701-42

" " " " " "

67 X Sec T Str. - 46th to 47th

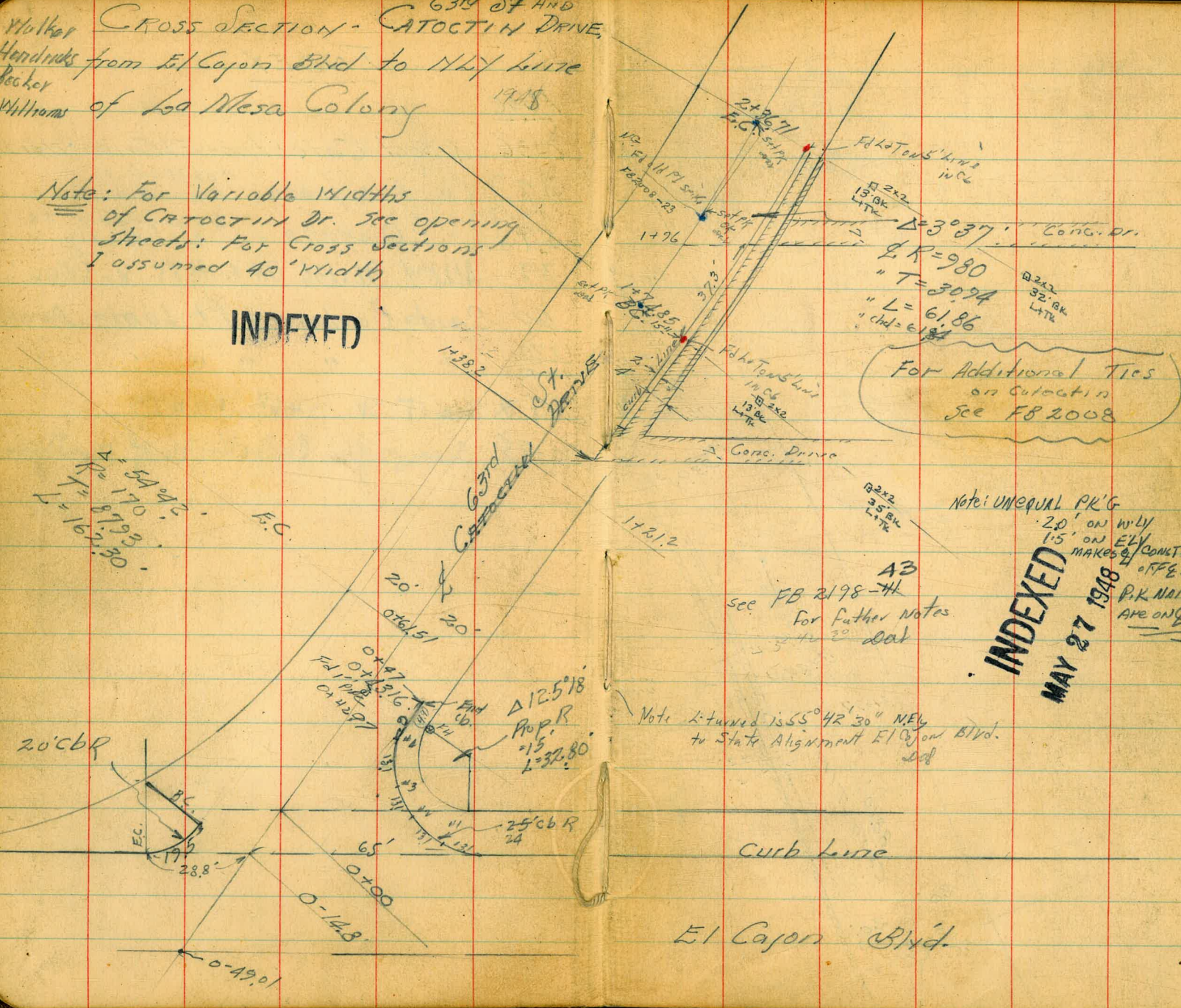
70-75 Sewer profile Catoctin no. of Montezuma

Walker  
Handmade from El Cajon Blvd to Hwy 167  
Becker  
Williams of La Mesa Colony 1918

Note: For Variable Widths  
of CATOCTIN Dr. see opening  
sheets: For Cross Sections  
I assumed 40' Width

INDEXED

$\Delta = 54.27^\circ$   
 $R = 170$   
 $L = 162.30$



$\Delta = 30.37^\circ$   
 $R = 980$   
 $T = 30.94$   
 $L = 61.86$   
 $chd = 61.86$

For Additional Ties  
on Catoctin  
see FB 2008

Note: UNEQUAL P.K.G.  
20' on W/LY  
15' on E/LY  
MAKES 5' OFF ST.  
COUNT 0.5'  
P.K. NAILS  
ARE ON CST.

INDEXED  
MAY 27 1948

A3  
see FB 2198 - H  
For father notes  
24 30' dat

Note: L turned is 55° 42' 30" NEly  
to State Alignment El Cajon Blvd.

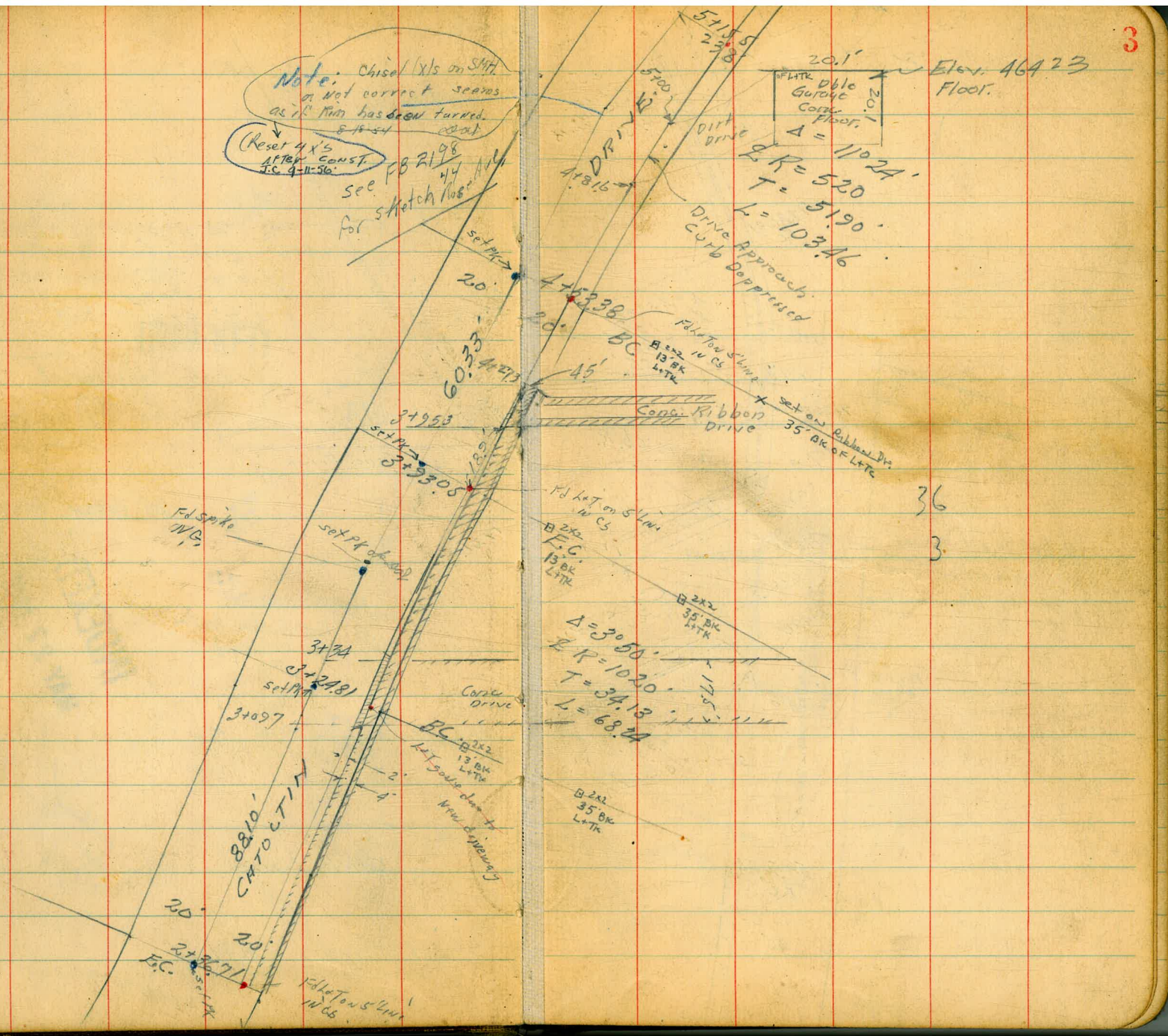
Curb Lane

El Cajon Blvd.

Note: Chisel X's on SMT  
 or not correct seems  
 as it has been turned.

Reset X's  
 after const.  
 f.c. 4-11-36.

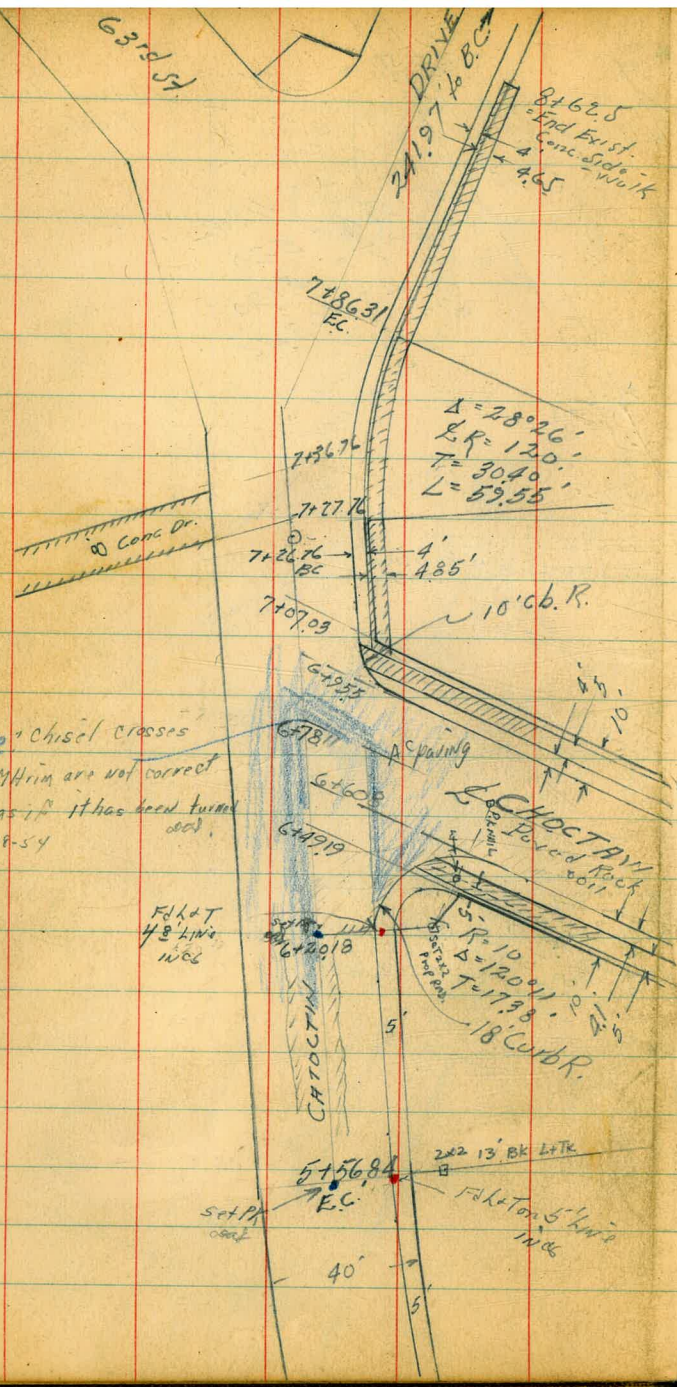
see PB 21  
 for sketch



36

3

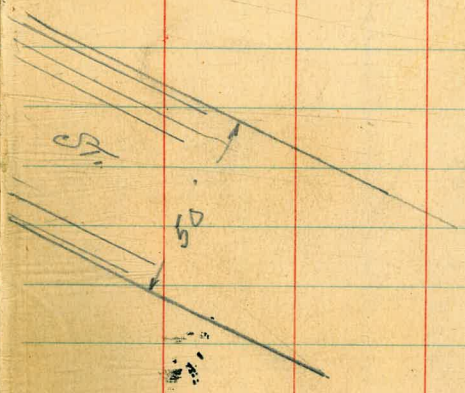
3



Note: Chisel crosses  
 on S.M.H. are not correct  
 seems as if it has been turned  
 8-16-54

FILL T  
 4 3/4" wide  
 10'6"

672016  
 5-15684  
 67377

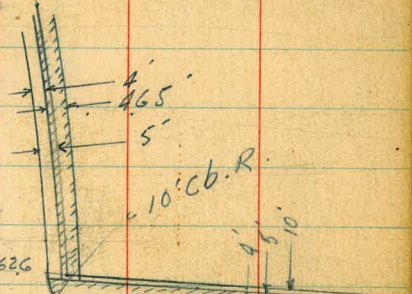


$\Delta = 110.28'$   
 $R = 500'$   
 $T = 50.20'$   
 $L = 100.07'$   
 $Ext. = 2.51'$

E.C.

87.83  
DRIVE.

11+28.35



10+62.6

10+52.6

10+37.6

10+28.28

10+22.6

10+12.59

10+0

10+0

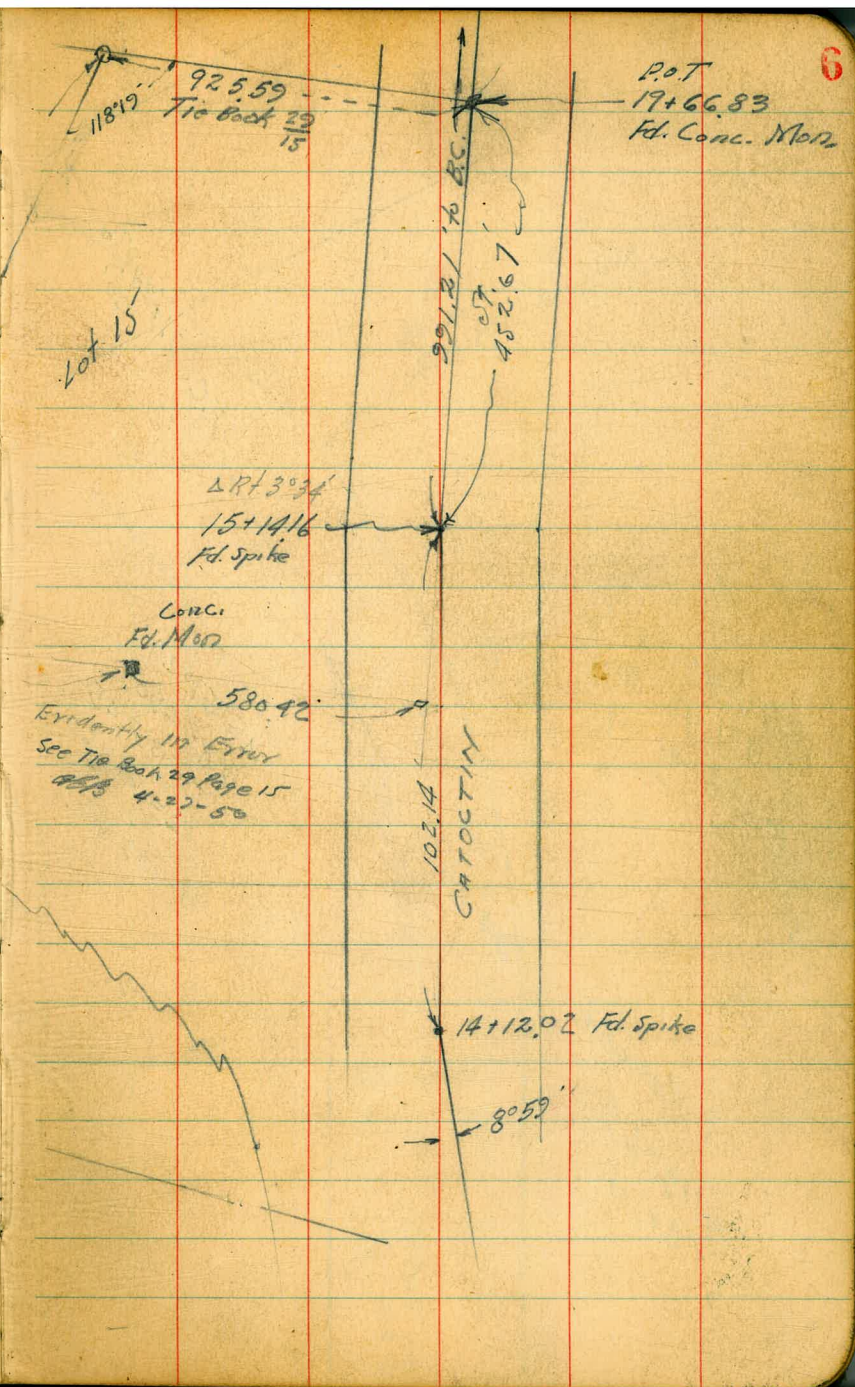
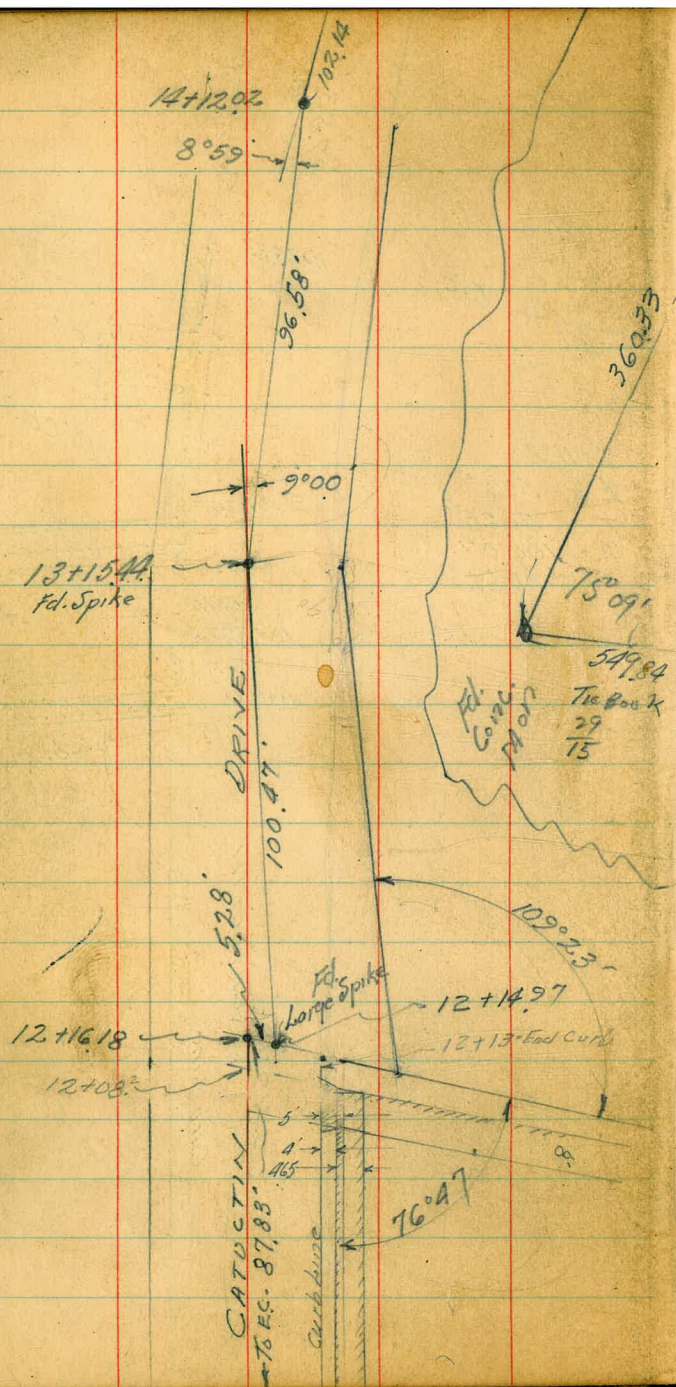
ART ST.



2A197 - to E.C.  
CUTOFF IN

Curb line

5'

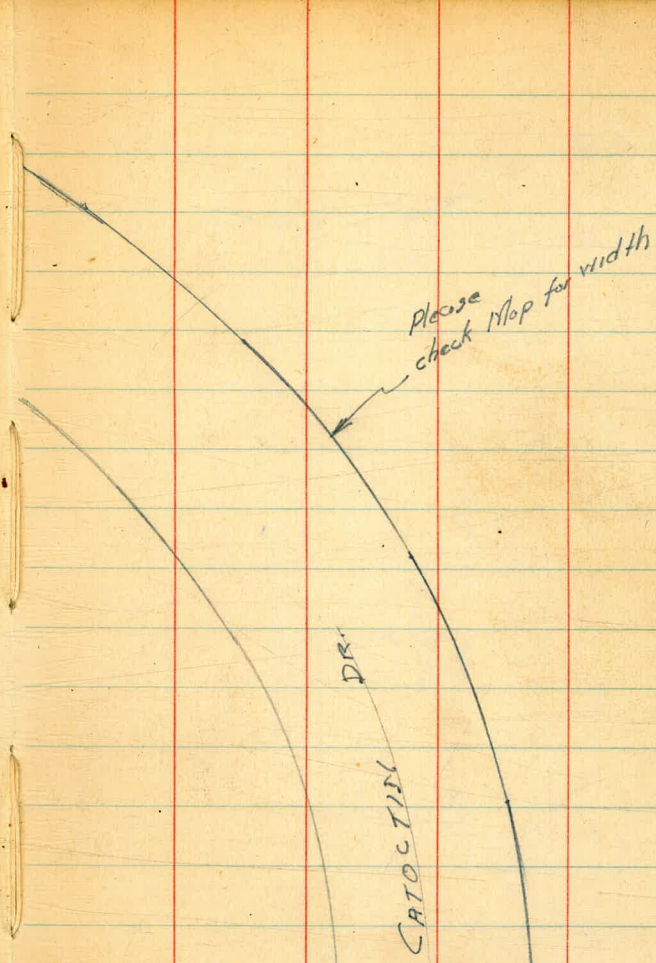




332.46 N14  
 332.40 614 N14  
 332.41 ch 514

$\Delta = 51^{\circ}27'$   
 $\angle R = 69^{\circ}$   
 $T = 332.45$   
 $L = 619.50$   
 Pct. 2.4911208

(Turned  
 10/19/65  
 call  
 51<sup>27</sup> 08"



BC.  
 25+05.37  
 20' 20'  
 764M 991.31'

H.H. Lane  
 41+70.87  
 Fd. Conc. Mort.  
 L.A. MESA COLONY

94839'  
 CAROCTIN DR

Fd. conc. Mort 20' 32+22.48

27.51

E.C.

20

~~25105.97~~

31+24.97

417087  
 322248  
 94839

CATECTIN DRIVE

NE Ret.

NVI Ret.

0+00 = H.W. El Cajon Diag. Sections Along El Cajon

0-14.81 Cent.

0-14.81 = N.W. Curb El Cajon Sections on Pav.

0-31.9 Sec. Parallel With El Cajon

Sec. on E El Cajon

0-49.01 = E Roadway El Cajon

4.35 470.01

465.66

469.8	486	486	469.8	465.16	464.78	465.21	464.60	465.21	464.52	465.18
5.2 Gut End	cb.	cb.	5.2 Gut #4	485 #4	5.22 Gut #3	480 #3	5.11 Gut #2	4.80 #2	5.19 Gut #1	4.83 #1

465.01	463	495	447	465.38	465.06	465.54				
500 R.C. Gut	4.63 R.C. Cb.	4.95 Gut L.Ret.	4.47 cb L.Ret.							

465.8	465.7	465.3	465.13	465.41	465.29	464.61	465.22	464.9
4.2 50	4.3 31	4.7 22	4.88 13	4.60 18	4.77 18	5.40 357	4.79 357	5.1 50
			El Cajon Pav.	Pav.	Pav.	Gut.	cb.	

465.71	465.12	465.66	464.99	465.03	465.12	464.95	465.67	464.53	465.22	464.36
4.30 50 cb	4.89 50 Gut	4.35 288 cb	5.02 288 Gut	4.98 20 Gut	4.89 Pav.	5.06 185 Pav.	5.34 50 Pav.	5.48 65 Gut	4.79 65 R.C. Ret.	5.65 100 Gut

390	417	439	459	490
100 Pav.	50 Pav.	100 Pav.	50 Pav.	100 Pav.

466.39	366.11	465.89	465.61	465.29
362 100 Pav.	390 50 Pav.	4.17 on Pav.	4.40 50 Pav.	4.72 100 Pav.

470.01	470.01	470.01
--------	--------	--------

BM. NVI. E.P. El Cajon & Catectin Dr.

1+21.2 Drive Way Parallel to hot line

1+00

0+61.5/ = E.C. on 4.

0+97 = End Exist cb on Rt

0+43.6

0+43.3 = East edge  
15.8' ELEC. Pole # P-76043

0+20 Jcc = Rt Δ to L 16' H = Pole Anchor

T.P. 4.77 470.43 4.35 465.66  
470.01

49 35	53 20	507 92 Par. Edge	488	520 62 Par. Edge	58 15	55 16	564 26	562 50 on Drive
465.5	465.3	465.77	465.48	465.09	464.8	464.8	464.79	464.81
49 35	51 20	2.16 9 Edge Pole	4.95	3.34 1.1	5.6 15	5.6 20	6.0 35	
465.5	465.2	465.55	465.52	464.6	464.9	464.8	464.79	464.81
49 35	50 20	5.12 9 Edge Pole	4.98	5.40 11.2	5.5 15.1 6.4	5.25 15.1 6.6	5.7 20	5.6 35
465.5	465.2	465.31	465.43	465.03	464.9	465.05	464.7	464.8
49 35	52 20	5.10 8.3 Edge Pole	4.94	5.57 20	5.83 28.7 at Ret.	5.21 28.7 Cb.		
465.5	465.2	465.43	470.43	464.91	464.60	465.21		

BM NVA BR. El Cajon + Catogtin

CATCTIN DRIVE.

2+579 = 1/2 2.5 Conc. Melt on Lt

2+36.71 = F.C.

2+213 = 184 Lt = East edge Elec. Pole No. Number

2+1609

1+96 = S edge Drive on Mt Sec on Drive

1+9547

1+7485 = B.C. Lt.

1+50

47043

	542	546	549	583	63	587	566	581	538
	16.8	9.8	6	15	15	17	21	30.9	
	on melt		Edge Pol.	cb	cb	melt	unl	on drive	
465.0	465.1	469.97	469.94	469.70	469.1	469.66	469.71	469.82	465.05
465.9	465.3	465.02	469.98	469.41	469.29	469.79	464.88	469.8	
50	51	541	545	582	611	562	555	5.6	
35	20	103	Edge Pol.	6	19.9	17.2	31.2	35	
				Edge Pol.	cut in Drive				
					469.66	469.29	469.79	469.8	
					5.77	5.61	5.38		
					22.6	30.3	50		
					cb	on Drive	on Drive		
465.0	465.0	465.07	465.05	469.66	464.3	469.75	469.86	469.85	
54	54	536	538	577	61	568	559	558	
35	20	105	Edge Pol.	5	15	15	17	21	
				E.P.		cb			
469.9	468.8	465.1	465.18	469.79	469.3	469.81	469.86	469.85	
5.5	5.6	530	525	569	6.1	562	557	558	
35	20	98	Edge Pol.	5.2	15	15	17	21	
				E.Pol.	cb				
465.6	465.4	465.32	465.38	469.3	469.4	469.91	469.87	469.79	
4.8	50	511	505	550	6.0	552	556	564	
35	20	98	57	57	15	15	17	26.5	
						cb		35	
			47043						

CANTON DRIVE

3+93.05 = E.C.

TR 4.19 468.40 6.22 464.21

3+5893

3+61.2 = 167' Lt - East edge Elec Pole # P-76044

3+34 = N edge Conc. Dr. on Rt Diag Sec.

3+2481 = B.C.

3+09.7 = South edge Conc. Drive on Rt Diag Sec.

2+80

47043  
3

4 469.70 469.5 464.91 469.45 469.1 463.6 469.1 463.3 469.32 469.9  
27 39 379 395 430 48 430 410 408 40  
35 20 82 171 Edge Per. 15 17 21 on Walk 38  
Edge Per. 468.40 15 17 21 on Walk

469.5 469.5 464.55 469.61 469.33 469.0 469.22 469.16 469.64 469.82 469.60  
59 59 588 582 610 64 621 597 579 541 563  
35 20 79 74 15 15 17 21 23 35  
Edge Per. 15 15 17 21 Walk Walk Drive

965.2 965.0 965.0 964.7 469.82 469.74 469.70 469.1 469.25 469.45 469.76 469.60  
52 54 54 57 573 63 618 598 567 563  
35 20 18 15 21.2 21.2 241 298 50  
Edge Per. 15 15 17 21 21.2 Walk Walk 012 Drive

464.33 464.52 469.68 610 591 575  
21.6 28.8 50  
on Drive on Drive  
465.0 465.0 465.1 464.8 469.92 469.92 469.67 469.1 469.49 469.53 469.65 465.0 465.3  
54 54 53 56 551 551 579 63 599 590 578 54 51  
35 20 18 16 87 65 15 15 17 21 23 35  
Edge Per. 17043

4173.3 = 2' Conc. Walk

4172.4

4153.38 - B.C. Rt.

4127.3 = End Walk on Rt. <sup>Side</sup> see at RT A to B

4113.5 18.7' Lt = 18" Tree

4105 = N end Ribbon Dr = End of Side Walk of Prop

Diag. Sec.

3195.3 = South edge Conc. Ribbon Drive

3178.5 17.4' Lt = 18" Acacia Tree

4 969.53  
 387  
 18.7  
 on Walk

469.5 469.5 469.0 469.19 469.08 463.6 463.5 463.86 463.9 469.0

39 39 44 421 432 460 49 4.54 4.5 44  
 35 20 18 8 72 72 15 15 20 35  
 Edge 18.7 Edge 18.7

364.6 369.3 469.21 469.17 463.8 463.5 464.1 469.2

38 4.1 4.19 423 4.60 4.9 4.5 4.3 4.2  
 35 20 8.5 8.2 15 15 20 35  
 Edge 18.7 Edge 18.7

369.7 469.30 469.28 469.26 463.89 463.7 469.0 469.2 469.9

37 4.1 4.12 4.14 4.51 4.7 4.40 4.20 4.0  
 35 20 8.7 8.5 15 15 19.5 31  
 Edge 18.7 Edge 18.7

469.34 463.55 469.2 469.23

402 4.85 4.20 4.17  
 22.4 29.6 45  
 on cb on Walk on Walk

469.05 469.16 464.23 469.20

4.35 4.24 4.17 4.20  
 22.4 2.53 31.9 46  
 cb Walk on Walk on Drive

468.40

CHOCTAW DRIVE

6+49.19 diag. Sec. = W.L. Choctaw Produced

6+70.18 = BC. 10 Prop R on Rt.

6+00

5+56.82 = F.C.

5+30.76

5+05.10 197 ft Elec Pole # P-76095

4+92

46840

H

51 50	495 15	481	495	552	527	488	46
	Edge Pole			76	268	268	37
					40	cb.	
463.3	463.9	463.98	463.64	463.34	462.98	463.13	463.55
51 35	50 20	492 12.7	476	506	542	491	46
		Edge Pole		68	15	15	20
				Edge Pole from 20.5 ft	15	cb	
463.3	463.9	463.53	463.7	463.51	463.6	463.51	463.8
51 35	50 20	487 12.5	470	482	54	489	46
		Edge Pole		52	15	cb	35
				Edge Pole			
463.7	463.7	463.73	463.60	463.51	463.0	463.6	463.8
47 35	47 20	467 11.2	460	484	54	480	46
		Edge Pole		64	15	15	20
				Pole	cb		35
464.0	463.8	469.03	463.90	463.58	463.3	463.64	464.1
44 35	46 20	437 8.5	450	482	51	472	43
		Edge Pole		7	15	cb	20
				Pole			35
464.1	469.0	469.18	469.09	463.68	462.8	463.90	464.1
43 35	44 20	422 7.8	431	472	49	460	4.5
		Edge Pole		7.7	15	15	2.5
				Pole			
					463.185		
					524		
					15		
					on cb		
					in DRIVE		

46840



7+07.03 Cont.

7+07.03 = E. line Choctaw diag.

6+95.5 Cont.

6+95.5 diag. Sec

6+78.11 = E. Choctaw diag. Sec. on Pav.

6+60.8 = diag section W of Choctaw

6+60 18.8 ft. = Elec. Pole # P-77603 = East Edge

46840

488	487	493	515	580	527	509	495
263	114	017	52	173	173	219	274
South edge conc. Drive	Edge Pole	Pav.	Edge	Grv.	cb	W edge Wall	S. edge Wall
463.52	463.53	463.47	463.25	462.6	463.13	463.31	463.45
1.8	50						
488	479	489	514	564	551	508	529
41	13	7	165	29	29	50	485
South edge conc. Drive	Edge Pole	Pav.	Pav.	Grv.	Grv.	cb	
463.56	463.61	463.57	463.58	463.95	462.83	463.41	463.55
100							
Grv.							
484	479	489	514	564	551	508	529
41	13	7	165	29	29	50	485
South edge conc. Drive	Edge Pole	Pav.	Pav.	Grv.	Grv.	cb	
463.9	463.57	463.58	463.95	462.83	463.41	463.86	
5.5	480	482	495	557	499	454	
50	13.8	6	175	50	100		
	Edge Pole	Pav.	Pav.	Pav.	Pav.		
463.1	463.49	463.52	463.93	462.89	463.27	463.72	463.59
5.3	491	484	497	551	519	468	481
15	Pav.	Pav.	6	175	509	503	100
Edge Pole			Pav.	Pav.	Grv.	cb	Grv.
		46840					

CATOOTIN DRIVE

7+86.31 = F.S.C.

7+73

X-

South edge 8' Conc.

7+64.5 Drive on Rt.

7+60.5 26.5' Lt. Elec Pole # P-76806

7+56.54

7+36.76 H Edge Driveway Diag. Sec.

7+27.76 J. Edge Driveway Diag. Sec.

7+26.76 = B.C. Rt. Sec. Rt. Δ to ♀

468.40

4  
462.6 58 41  
463.0 54  
463.49 491 8  
463.72 498 73  
463.05 535 93  
462.81 559 15  
462.7 60 15  
462.92 548 15  
463.09 533 19  
463.1 530 237  
463.1 529 186  
463.12 529 186  
463.69 471 44.7  
463.6 471 44.7  
463.12 528 41  
463.6 481 41  
463.00 528 41  
462.7 481 41  
463.96 528 41  
463.56 528 41  
463.37 528 41  
463.00 528 41  
462.70 528 41  
463.02 528 41  
463.15 528 41  
463.2 528 41

463.00 528 41  
462.7 481 41  
463.96 528 41  
463.56 528 41  
463.37 528 41  
463.00 528 41  
462.70 528 41  
463.02 528 41  
463.15 528 41  
463.2 528 41

463.61 479 42  
465.50 490 42  
463.73 22.6  
463.53 22.6  
463.9 500  
463.60 49 21.3  
463.59 49 21.3  
463.81 49 21.3  
463.00 49 21.3  
463.92 49 21.3  
463.9 49 21.3  
463.01 49 21.3  
462.60 49 21.3  
463.02 49 21.3  
463.13 49 21.3  
463.2 49 21.3  
463.3 49 21.3

468.40

7+50

461.6  
 4.7  
 35  
 461.6  
 4.7  
 28  
 462.1  
 4.2  
 20  
 462.00  
 4.34  
 10  
 Edge  
 Pav.  
 462.15  
 4.19  
 461.91  
 4.93  
 7  
 Edge  
 Pav.  
 461.2  
 4.51  
 15  
 461.83  
 4.0  
 18  
 462.3  
 4.0  
 20  
 462.3  
 4.5  
 35

TP 4.20 466.34 6.26 462.14

9+00

462.0  
 6.4  
 35  
 462.0  
 6.4  
 28  
 462.9  
 5.5  
 20  
 462.6  
 5.8  
 17  
 462.0  
 6.4  
 15  
 462.36  
 6.04  
 32  
 Edge  
 Pav.  
 462.69  
 5.76  
 58  
 462.36  
 6.04  
 58  
 461.6  
 6.8  
 15  
 462.14  
 6.26  
 11  
 462.3  
 6.1  
 20  
 462.1  
 6.3  
 32

8+62.5 End Walk on Rd

8+68.7 2.1' Lt. = Tel Pole # 412 322-H

8+50

462.7  
 5.7  
 35  
 463.3  
 5.1  
 20  
 462.6  
 5.8  
 17  
 462.88  
 5.52  
 112  
 Edge  
 Pav.  
 463.11  
 5.29  
 462.82  
 5.58  
 6  
 462.2  
 6.2  
 15  
 462.54  
 5.86  
 15  
 462.69  
 5.71  
 19  
 462.77  
 5.63  
 37  
 464.9  
 5.5  
 32  
 at  
 House

8+22.2 8.2' Conc. Drive on Rt

463.2  
 5.0  
 462.86  
 5.54  
 62  
 Edge  
 Pav.  
 462.50  
 5.20  
 15  
 462.90  
 5.50  
 19  
 462.96  
 5.44  
 37  
 Drive  
 at  
 Garage  
 463.38  
 5.02  
 43

8+00

462.7  
 5.7  
 45  
 463.1  
 5.3  
 20  
 463.37  
 5.03  
 102  
 463.29  
 5.11  
 462.86  
 5.54  
 13  
 Edge  
 Pav.  
 462.2  
 6.2  
 15  
 462.65  
 5.57  
 15  
 462.9  
 5.45  
 19  
 463.0  
 5.00  
 237  
 463.1  
 5.3  
 35  
 Walk  
 Walk

468.40

468.40

CATUCTIN DRINE

10+52.6

37.6 - 4  
10+32.6 - 4 Art St.

10+22.6 Cont.

10+22.6

10+20.8 24.8' H Tel Pole #12323-H

10+12.59 - Why line Art  
Elev. Pole - 16 ft. p. 77609

FB. 77603  
chk Nail in Pole  
p. 77609

10+00

466.34

All Section this  
intersection  
are Parallel to Art St

3.30 463.07 Marked  
463.04 - SIMPLY Art St  
& Catuctin

461.24 4  
461.9 4  
462.0 4  
461.0 4  
461.43 4  
461.64 4  
461.54 4  
460.72 4  
460.70 4  
461.33 4  
51 44 43 53 49 470 480 562 564 501  
35 27 20 17 17 4 4 16 244 249  
Edge Pav. Pav. Gut. CB.

461.24 4  
461.2 4  
462.3 4  
462.3 4  
461.3 4  
461.98 4  
461.75 4  
461.63 4  
460.71 4  
461.01 4  
461.10 4  
461.10 4  
51 51 40 40 50 486 459 471 563 533 524 524  
35 30 42 20 16 15 5 5 15 26 50 100  
Edge Pav. Pav. Pav. Pav. Pav.

461.1 4  
461.8 4  
461.4 4  
461.60 4  
461.74 4  
461.61 4  
460.77 4  
460.76 4  
461.91 4  
460.80 4  
461.39 4  
52 45 49 474 460 473 557 558 493 554 495  
35 20 16 107 7 15 258 258 258 50 50  
Edge Pav. Pav. Pav. Gut. CB. Gut. CB.

461.2 4  
461.8 4  
461.8 4  
461.4 4  
461.74 4  
461.75 4  
461.63 4  
460.92 4  
461.37 4  
461.8 4  
51 45 45 49 470 459 471 552 497 45  
35 20 18 15 10 6 15 15 20  
Edge Pav. Pav. Gut. CB.

461.0 4  
461.3 4  
461.8 4  
461.8 4  
461.5 4  
461.70 4  
461.81 4  
461.59 4  
460.9 4  
461.49 4  
462.4 4  
462.6 4  
462.3 4  
53 50 48 45 48 464 453 475 54 482 39 37 40  
35 27 20 17 10 8 15 15 17 20 35  
Edge Pav. Pav. Edge Pav.

466.34

CATOSTIM DRIVE

11+03.34

10+78.3

11+83.6 17.3 Rt. = 10" Plumosa Tre

11+58 " " " " "

11+34 " " " " "

11+16.2 " " " " "

10+98.4 " " " " "

10+83.8 " " " " "

10+66.6 16.9 Rt = Fire Hydt.

10+63.2 15.8 Rt Elec Guy Pole

10+62.6

10+52.6 Cont

466.3A

19

460.3	460.9	460.9	460.81	461.06	460.81	460.79	460.82	460.90	461.01	461.5
6.0 35	5.4 20	5.9 17	5.53 11	5.28	5.53 2.8	6.1 15	5.57 15	5.44 15	5.33 287	4.8 28
			Edge Pole		Edge Pole		cb	SW	SW	
410.9	461.2	460.6	461.06	461.32	461.10	460.44	461.09	461.22	461.26	461.8
5.4 35	5.1 20	5.7 17	5.28 12V	5.02	5.24 4.6	3.9 15	5.25 15	5.12 19	5.08 237	4.5 35
			Edge Pole		Edge Pole		cb	SW	SW	

460.9	460.9	461.6	460.8	461.31	461.51	461.37	460.96	460.54	461.25	461.26	461.26
5.4 35	5.4 31	4.7 20	5.5 17	5.03 12	4.83	4.27 5	5.38 10.3	5.80 15	5.09 15	5.08 19	4.88 237
							Edge Pole	cb	SW	SW	SW
							460.74	461.29	460.91	461.90	
							5.60 50	5.05 cb	5.43 100	4.24 100	
							Ent	Ent	cb		

466.3A

12+29.6 26 Lt. = 10" Olive Tree

12+16.18 - flag Sec on Sub line

12+13 End Existing Curb

16.4 Rt. = Elec. Pole # 177749

12+08.2 = East edge Conc. Drive

Sec Parallel to Drive

12+00

T.P. 3.33 463.54 6.13 460.21

Elec. Pole # 177749 12+16.18 17.5 Rt.

11+83.3 222 Lt 15" Olive Tree

11+69 = Tel Pole 183 Lt # 301861 H

11+50

11+28.35 - E.C.

466.34

459.0  
459.6  
459.1  
459.79  
459.89  
459.85  
459.85  
459.3  
459.7  
459.9  
20

4.5 2.9 4.4 3.80 3.65 3.62 3.69 4.2 3.8 3.6  
35 20 15 8.7 8 5.28 6.6 14 23 35  
To West To East Edge Par.

459.38  
416  
15  
017  
Curb  
459.61  
459.72  
459.79  
459.99

3.93 3.82 3.75 3.55  
15+ 19+ 23.7+ 33.7  
Curb SW SW OP  
DRIVE

459.3  
459.9  
459.4  
459.75  
459.88  
459.93  
459.20  
459.76  
459.89

4.2 3.6 4.1 3.79 3.56 3.61 4.34 3.78 3.65  
35 20 13 8.4 6 15 19 23.7 35  
Edge Par. in Drive

460.0  
460.4  
460.4  
459.8  
460.29  
460.93  
460.32  
459.8  
460.29  
460.30  
460.73  
460.8

4.3 3.9 3.9 6.5 6.10 5.91 6.02 6.5 6.05 5.98 5.91 5.5  
35 20 16 14 9 5 15 15 19 23.7 35  
Edge Par. Edge Par. SW SW

460.1  
460.4  
460.4  
466.1  
460.53  
460.78  
460.99  
459.9  
460.57  
460.61  
460.78  
44.1

6.2 5.9 5.9 6.2 5.81 5.56 5.90 6.4 5.77 5.73 5.56 5.2  
35 20 17 15 10 7 15 15 15 23.7 29  
Edge Par. SW SW

466.34

CATCUTIN DRIVE

14+12.2 Δ RT 8°59 226' RT = Elec. Pole # 212108  
Sec on split

14+00

13+59 198' Lt 12" Olive Tree

13+50 Sec RT Δ to L

13+42.5 175' Lt = Tel Pole # 301862-H

oil & Rock  
13+36.7 = L Drive on Rt. Parallel to Lot line

13+15.44 Δ RT 9°00' Sec on Split

13+00

12+95 196' Lt = 12" Olive Tree

12+74 22' Lt = 10" Olive Tree

12+50 Sec RT Δ to L

463.54

459.2  
43 45 46 50 51 453 472 50 45 48  
40 20 16 13 6 Edge 13.7 20 23 32  
Pole 5

459.0  
45 48 51 455 440 464 49 43 42 42  
35 20 8 18 13.7 20 22 32 40  
Edge 18.7 20 22 32 40  
Pole 5

458.8  
47 46 46 50 427 416 447 47 43 41 40  
35 20 17 9 21 13.8 18 20 31 35  
Edge 18.7 18 20 31 35  
Pole 5

459.21  
459.38  
459.07  
458.8  
459.2  
459.1  
459.3  
411 432 452 416 418  
13 17 22 30  
on Drive on Drive

459.0  
458.9  
458.6  
459.99  
459.50  
459.29  
459.0  
459.5  
459.5  
45 46 49 410 484 425 45 40 40  
35 20 9 15 13.7 17.4 20 25 35  
Edge 15  
Pole 5

459.0  
459.2  
458.9  
459.76  
459.54  
459.39  
459.0  
459.2  
45 43 46 408 400 415 45 43 43  
35 20 10 36 11.4 17.20 38  
Edge 36  
Pole 5

459.0  
459.3  
458.8  
459.58  
459.72  
459.60  
459.1  
459.1  
459.7  
45 42 47 386 382 394 44 41 38  
35 10 17 92 5.7 12 20 35  
Edge 92  
Pole 5

T.P. 2.57 460.70 541 458.13

16+00

15+50

15+14.16 = Δ RT

15.6' Lt = 7.1 Pole # 301 863-H

Sec on split  
17.4' RT - Elec Pole # 76 899

15+00

14+9.14 = 10' oil & Rock Drive on Rt Parallel to Lot Line

14+50

463.54

48 35	46 20	49 16	55 14	532 63 Edge Pole	521	537 84 Edge Pole	59 12	48 15	51 20	55 35
45 35	44 20	52 16	54 12	513 5.5	505	539 10 Edge Pole	56 14	53 17	55 20	61 30 in Road Dr Rock Drive
46 35	44 20	49 13	54 11	502 5 Edge Pole	496	525 11 Edge Pole	53 16	49 18	52 20	53 35
44 45	43 20	50 14	54 13	497 5 Edge Pole	490	536 11 Edge Pole	55 15	52 17	52 20	56 35
46 35	48 20	48 18	52 11	477 3 Edge Pole	471	503 123 5 Pole	53 16	46 18	48 20	53 24 56 35



16+89 16.3 ft. Tel Pole # 301864-H

16+50

16+47 15.9' Rt. Elec Pole P-75699

16+20.3 Pole Anchor 16.8' Rt

15+99.5 22.8' Rt 5" olive Tree

15+88 33.5' Rt 16" Pine Tree

15+79 23.7' Rt 5" olive "

15+29 24.3' Rt 4" olive "

15+04 22.4' Rt 5" Acacia Tree

14+75 2.4' Rt 5" Acacia Tree

14+69 24.3' Rt 3" " "

14+62 24.7' Rt " " "

14+55 25' Rt " " "

14+48 25.3' Rt 3" " "

14+41 25.8' Rt 3" " "

14+26 26.8' Rt 3" " "

14+17 27.6' Rt 5" Acacia

460.70  
5

958.5  
958.3  
957.8  
957.98  
957.98  
957.89  
957.3  
957.1  
956.2  
956.0

2.2 2.4 2.9 2.72 2.72 2.81 3.4 2.6 2.5 2.7  
35 20 11 7.3 66 117 15 20 35  
Edge Pole Edge Pole

460.70  
5

CATUCTION DRIVE

17+50

460.40

+72 242 12" Palm

18+54 243 10" Palm

18+32 274 Ac. T.

18+28 275 4" Pine 168' Lt = Tel Pole

18+19 272 10" Ac. T.

18+14 155 Fire Hyd

18+04 277 Rt 4" Pine

17+96 16' Rt Elec. Pole # 77107

17+95 23' H. 5" Pine

17+77 28 Rt 10" Acacia

17+64 24.5 Rt 10" Plumosa Palm

17+45 24.7 Rt 12" Plumosa Palm

17+18 24.8 R 12" Euc. Tree

T.P. 2.27 460.40 2.57 258.13

17+00

460.70

4

6

Rt

24

457.2

32  
35

456.9

3.5  
20

456.8

3.6  
15

456.3

4.1  
14

456.70

3.7  
8

456.63

3.57

456.64

3.76  
6.3

456.7

3.7  
11

457.1

3.3  
20

457.2

3.2  
35

Edge Pole 460.40

Edge Pole

301865-H

457.90

33  
35

457.50

32  
20

457.20

3.5  
15

456.8

3.9  
14

457.34

3.6  
8

457.75

3.25

457.22

3.48  
6.3

456.8

3.9  
12

457.6

3.1  
14

457.8

2.9  
20

457.8

2.9  
35

Edge Pole 460.70

20+57 12.5 RT 12" Pepper Tree

20+50

20+29 19' RT 14" Pepper

T.P 332 457.47 625 454.15

20+01 18.6 RT - 24" Pepper

20+00

19+79.5 16.6 RT. Elec Pole No Number

19+50

19+36.2 17.4 LT = Tel. Pole # 305-892-H

19+00

18+50

18+00

460.40

H

L

R

455.33  
42  
35

453.7  
38  
30

453.9  
41  
16

453.83  
364  
96

459.08  
3.39

453.93  
354  
4.5

453.47  
4.0

459.1  
34  
12

459.1  
34  
20

459.1  
34  
35

454.3  
6.1  
35

454.9  
6.0  
20

454.2  
6.2  
16

459.49  
5.91  
98

454.63  
5.77

454.96  
5.24

453.9  
6.5

454.5  
5.9

455.2  
5.7

454.8  
5.6

455.5  
4.9  
35

455.3  
5.1  
20

455.3  
5.1  
18

459.9  
6.0  
15

455.02  
5.49  
34

459.9  
5.38

459.9  
5.51

459.6  
5.8

455.1  
5.3

455.2  
5.2

455.1  
5.3

455.5  
4.9  
35

455.6  
4.8

455.3  
5.1  
17

455.0  
5.4  
14

455.38  
5.02

455.57  
4.83

455.98  
4.92

455.1  
5.3

455.7  
4.7

455.5  
4.9

455.3  
5.1

456.5  
3.9  
35

456.2  
4.2

456.1  
4.3  
16

455.9  
5.0  
14

455.78  
4.62  
8.8

456.12  
4.28

456.06  
4.34

455.6  
4.8

456.9  
4.0

456.7  
3.7

456.4  
4.0

456.8  
3.6  
35

456.7  
3.7

456.6  
3.8

455.9  
4.5  
14

456.31  
4.09

456.99  
3.96

456.27  
4.13

456.0  
4.4

456.7  
3.7

456.7  
3.7

457.0  
3.4

Edge  
Pole

Edge  
Pole

23+50

23+00

22+97.2 19.6' H. Tel Pole # 426420-H

22+50

22+55.2 = 19.4' RT = 2' x 2' Cobble Pier 6' High

22+40 = 19.6' RT = 2' x 2' Cobble Pier 6' High

15.9' RT  
22+24.1 = Elec Pole # P-75697

22+00

22+02.8 16.5' RT Pole Anchor

21+50

21+51 18.7' H. Tel Pole # 301866-H

21+00

457.47

4	4	4	4	4	4	4	4	4	4
452.2	452.7	452.3	452.8	452.9	452.7	453.0	452.9	452.9	453.1
5.3 35	4.8 20	5.2 17	4.79 10.3	4.58 10.3	4.70 5	5.1 13	3.8 20	3.8 35	3.8 35
452.1	452.5	452.5	452.9	452.7	453.0	452.8	452.6	453.6	453.6
5.2 35	4.7 20	5.1 17	4.70 11	4.47 11	4.59 13	4.9 13	3.9 20	3.9 35	3.9 35
452.1	452.5	452.5	452.9	452.7	453.0	452.8	452.6	453.6	453.6
5.4 35	5.0 20	5.0 16	4.51 10.8	4.33 10.8	4.47 8.7	4.6 10	4.0 20	4.0 35	4.0 35
451.0	451.0	452.7	452.9	453.0	453.3	453.2	452.9	453.2	453.2
6.5 40	6.5 33	4.8 20	4.1 17	4.44 10.8	4.14 4	4.27 4	4.6 11	4.3 20	4.3 35
450.9	450.9	452.7	452.7	453.2	453.3	453.3	453.0	453.1	452.6
6.6 40	6.6 32	4.8 20	4.8 15	4.25 10.1	3.98 4.1	4.14 4.1	4.5 9	4.4 20	4.2 35
452.7	453.5	453.0	453.9	453.6	453.5	453.3	453.5	453.1	453.1
5.1 35	4.0 20	4.5 14	4.03 9.7	3.82 4.57	3.90 3.7	4.2 9	4.0 20	4.4 35	4.4 35

CATOLTIM DR

25+50

TR 2.45 456.52 3.40 454.07

25+14.8 13.7 Rt = Fire Hyd.

25+05.37 = BC Lt.

24+97.7 20.2 Lt. Tel Pole 301868H

24+73 15.6 Rt Elec. Pole NO Number

24+50

24+39.5 = 3' Conc. Walk on Lt.

24+00

457.47

#

451.0

5.5  
35

451.2

5.3  
20

451.2

5.3  
15

452.08

4.4  
5.9  
Edge  
Pole

452.21

4.3  
4.1  
5.8  
Edge  
Pole

452.11

4.8  
11

451.7

4.6  
20

451.9

4.8  
35

451.7

4.8

456.52

451.9

6.1  
35

451.5

6.0  
20

451.7

6.1  
10

451.95

5.2  
9.6  
Edge  
Pole

452.29

5.18  
5.2  
4.8  
Edge  
Pole

452.22

5.6  
11

451.9

5.3  
20

452.2

5.1  
35

452.4

452.0

5.5  
35

451.9

5.6  
20

451.9

5.6  
18

452.26

5.2  
10.2  
Edge  
Pole

452.53

4.24  
5.2  
6.5  
Edge  
Pole

452.26

5.4  
14

452.1

4.5  
20

453.0

4.5  
35

453.0

4.5

452.23

5.24  
30.3  
on  
Walk

452.39

5.13  
20.3  
on  
Walk

452.2

5.3  
35

452.9

5.1  
20

452.0

5.4  
17

452.59

4.88  
10.2  
Edge  
Pole

452.60

4.87  
6.4

452.60

4.87  
6.4  
Edge  
Pole

452.5

5.0  
15

453.1

4.4  
20

453.3

4.2  
35

27+62 22.8' Rt. Guy Pole

27+59.7 15.6' Lt P. 78689

27+50

27+00

26+50

26+24 11.4' Lt. Elec. Pole # P-78688

26+00

25+79

456.52  
K

451.0	451.2	451.2	451.70	451.87	451.85	452.9	451.8	451.7
5.5 35	5.3 20	5.3 13	4.82 54 Edge Pav	4.65	4.67 80 Edge	4.1 19	4.7 20	4.8 35

451.9	451.5	451.9	451.62	451.88	451.84	451.1	451.8	451.7
5.1 35	5.0 20	5.1 12	4.90 63 Edge Pav	4.4	4.68 93 Edge Pav	5.4 18	4.7 20	4.8 35

450.9	451.2	451.5	451.95	452.02	451.90	451.2	451.9	451.9
5.6 35	5.3 20	5.0 11	4.67 25 Edge Pav	4.50	4.62 9 Edge Pav	5.3 18	4.6 20	4.6 35

450.8	451.1	451.3	451.97	452.05	452.03	451.1	451.7	451.8
5.7 35	5.4 20	5.2 13	4.55 4 Edge Pav	4.47	4.49 8	5.4 18	4.8 20	4.7 35

449.8	450.3	450.6	451.1	451.92	452.06
6.7 70	6.2 50	5.9 35	5.4 20	4.60 52 Edge Pav	4.44

456.52  
K

TP ~~452.03~~ 184 ~~454.68~~

29+59 = End Conc. Dr. on Lt.

29+41 = Beg. Conc. Dr on Lt. Drive Approx Radial

29+34 144' Lt. Elec Pole # P-75824

29+31 12.1' Rt = Guy Pole

29+00

28+75

28+50 20' Rt. 19" Pepper Tree

28+46 = 2.5 Conc. Walk Parallel to Lot Line

28+09.8 = 8.3' Conc. Dr.

28+00

456.52

453.00  
452.96  
453.01

352 356 351  
528 495 on Drive on 305  
Garage on Drive DRIVE  
Flyer

453.05 452.85 452.89 452.89

347 367 368 363  
528 495 405 305  
Garage on Drive on Drive on Drive  
Flyer DIM

452.7 452.7 452.7 452.3 452.71 453.00 453.07

38 38 38 42 381 352 345 34 32 29  
35 20 17 14 88 5 12 20 35  
Edge Edge  
Pole Pole

451.5 451.7 451.7 452.26 452.76 452.73 452.3 452.8 453.1 453.62

50 48 48 426 406 409 42 27 37 34  
35 20 15 81 53 12 18 20 35  
on Lawn

453.36 451.78 453.09 453.19 453.1 453.1

343 333  
22.2 32.2  
on Walk Walk

316 474  
42 196  
on Drive on Drive

451.4 451.6 451.9 451.87 452.18 452.13 451.9 451.9 452.9

51 49 51 465 434 429 46 16 41  
35 20 14 8 77 15 20 35  
Edge Pole

456.52

30+72 Guy Pole 25' Ht.

30+71 9.6' Lt Pole P-77546

30+59 16.6' 24" Fan Palm

30+50

30+45 18.6' Lt. 24" Fan Palm 25' High

30+00

29+99 = End Drive

29+827 = Sq. Conc. Drive Parallel to Lot Line

T.P 4.35 459.03 184 454.68

29+50

456.52

454.0  
454.0  
454.3  
454.56  
454.65  
454.72  
454.7  
455.1  
455.3

453.9  
453.7  
453.9  
453.8  
454.24  
454.49  
454.97  
454.3  
454.73

436  
246  
436  
246  
54.81  
454.99  
459.67  
455.04

452.95  
452.9  
453.0  
453.96  
453.60  
453.80  
453.6  
454.0  
454.1  
454.9  
454.0

357  
30.5  
3.6  
20  
3.5  
12  
306  
8  
2.72  
456.52  
2.72  
59  
29  
14  
2.5  
16  
2.4  
20  
1.6  
2.5  
1.7  
35



31+85 25' Conc. Walk

31+74.3 23.5' RT 4' wide

31+50

31+56.5 83' Conc. Drive on RT.

31+24.9 = F.C.

31+00

459.03

466 465  
37.4 17.7  
on walk on walk

459.37

459.38

355.19

355.35

453.8

454.2

454.1

453.9

454.21

454.33

454.53

454.5

454.77

355.29

5.2 4.8 4.9 5.1 4.82 4.70 4.50 4.5 4.26 3.74  
3.5 2.0 1.0 8 3.1 9.1 1.6 2.2 4.4

384 23.5  
on walk

368 4.6  
on walk

Drive on Dr.

453.9

454.0

454.1

459.37

459.52

459.13

459.3

459.4

459.8

5.1 5.0 4.9 4.66 4.51 4.40 4.7 4.6 4.2  
3.5 2.0 7 2.5 on RR Spike 9.6 1.6 2.0 3.5

4.26 2.2  
on Conc. Dr

3.74 4.4  
on Conc. Drive

453.7

459.1

459.2

459.57

459.69

459.70

459.5

459.7

459.7

459.7

459.7

5.3 4.9 4.8 4.52 4.39 4.33 4.5 4.3 4.3  
3.5 2.0 7 3.2 10.6 1.6 2.0 3.5

Edge  
Post.  
459.03

33+33.6 17.7' Lt. Elec. Pole P-77548

33+10.3 = 7.8 Conc. Drive

33+00 = End oil &amp; Rock Paving

32+30 = Approx. 2' Dirt Drive on Rt

32+22.48 20' Lt. on city Main 5:30 453.73

32+23.5 35.4 R = Pole Anchor

32+22.4 17.3' Lt. Elec. Pole P-77547

32+17 = 2' Conc. Dr 22.9' Lt. 11" Wide

32+16 17.6 Rt. Fire Hydr.

32+12 17.3 Rt. 24" Papper

32+00

459.03

453.93  
 5.60 5.71  
 50 30  
 on Drive on Drive  
 453.93  
 453.81  
 5.23 5.22 5.25 5.5 5.0 4.9  
 3 3 5.8 16 20 35  
 Edge Pav. Edge Pav.  
 453.81  
 453.78  
 453.51  
 454.0  
 454.1  
 453.6  
 453.8  
 453.8  
 454.26  
 454.22  
 454.32  
 454.7  
 454.6  
 454.7  
 454.3  
 454.3  
 4.7  
 3.5 4.0 4.8 4.7 5.2 4.77 4.81 4.71 4.3 4.4 4.3 4.7  
 15 17 15 15 15 15 15 20 50 100  
 Edge Pav. Edge Pav.

453.85  
 453.78  
 453.79  
 5.18 5.25 5.29  
 70 46 229  
 on Drive on Drive on Drive  
 454.3  
 454.0  
 454.17  
 454.30  
 454.49  
 454.6  
 454.9  
 454.9  
 455.1  
 4.7 5.0 4.86 4.73 4.54 4.4 4.1 4.1 4.0  
 3.5 20 41 78 14 15 20 35  
 Edge Pav. Edge Pav. on Level  
 459.03

35+66.6 17.5' Lt Elec Pole P-77892

35+50

35+00

34+96.2 = 3' Conc. Walk

34+61.7 17.7' Lt = Pole Anchor

34+50

34+45 17.5' Lt Elec. Pole P-77599

34+00

33+84 = 2 3.9' Conc. Walk

33+50

459.03  
5

33

452.04  
70  
135  
Dirt Drive  
Alley

453.7  
53  
35

453.7  
53  
29

453.9  
56  
20

453.2  
58  
17

453.2  
58  
17

452.7  
63  
17

452.9  
61  
20

452.9  
61  
35

453.85  
518  
32  
on Walk

453.91  
512  
251  
on Walk

453.5  
55  
28

453.6  
54  
20

453.3  
57  
17

452.9  
61  
17

453.3  
57  
20

453.1  
59  
35

453.8  
52  
35

453.5  
55  
20

453.4  
56  
17

453.1  
52  
19

453.6  
54  
19

453.9  
56  
35

453.55  
548  
38  
on Walk

453.48  
555  
202  
on Walk

453.2  
58  
17

453.5-  
55  
17

453.2  
58  
17

453.7  
53  
18

453.7  
53  
20

453.6  
54  
35

459.03  
5

38+00

37+65 17.7 Lt. Elec. Pole P. 17377-H

37+50

37+00

36+75 = E. Conc. Ribbon Drive on W. 8.5' wide

36+50

36+00

35+80.4 17.4 Lt Pole Anchor

T.P. 2.61 456.07 557 453.46

45903

# 34

457.50	457.3	451.1	451.3	451.1	450.2	450.1	450.1
4.6 35	4.8 20	5.0 18	4.8 9	5.0	5.9 16	6.0 20	6.0 35
453.2	452.30	451.9	451.7	451.6	450.8	450.9	450.5
3.8 35	4.2 20	4.4 9	4.5	5.3 17	5.2 20	5.6 35	
453.2	452.9	452.3	452.5	452.3	451.9	451.3	451.1
2.9 35	3.2 20	3.8 18	3.6 9	3.8	4.7 17	4.8 20	5.0 35
453.39	453.39						
268 48 on Drive	268 35 on Drive						
453.0	452.8	452.1	453.2	452.8	452.0	452.0	451.6
3.3 35	3.0 20	2.9 14	3.3	4.1 17	4.1 20	4.5 35	
453.0	453.5	453.1	453.2	452.8	452.0	452.0	451.6
3.1 35	2.6 20	2.8 17	3.1	3.6 17	3.8 20	3.8 35	

456.07

40+50

40+<sup>38.5</sup>50 = 3' Conc. Walk

40+00

39+88 184<sup>lt</sup> = Pole Anchor  
Last  
39+65 17.9' Lt = Elec. Pole # P-173772

39+50

39+00

38+50

456.07

453.0

$\frac{31}{35}$

452.7

$\frac{34}{20}$

452.3

$\frac{3.8}{19}$

452.5

$\frac{3.6}{16}$

452.1

$\frac{4.0}{16}$

452.0

$\frac{4.1}{20}$

451.7

$\frac{4.4}{35}$

452.88

$\frac{319}{39}$   
on  
Walk

452.68

$\frac{339}{23}$   
on  
Walk

451.9

$\frac{42}{35}$

451.9

$\frac{42}{20}$

451.5

$\frac{4.6}{17}$

451.7

$\frac{4.4}{14}$

451.3

$\frac{4.8}{17}$

451.5

$\frac{4.6}{20}$

451.2

$\frac{4.9}{35}$

450.9

451.5

451.3

451.2

450.5

450.6

450.9

$\frac{57}{135}$

$\frac{4.6}{35}$

$\frac{4.8}{20}$

$\frac{4.9}{17}$

$\frac{5.6}{17}$

$\frac{5.5}{20}$

$\frac{5.7}{35}$

451.3

451.2

451.1

450.8

450.1

450.5

450.9

450.2

$\frac{4.8}{35}$

$\frac{4.9}{20}$

$\frac{5.0}{18}$

$\frac{5.0}{9}$

$\frac{5.3}{16}$

$\frac{6.0}{16}$

$\frac{5.6}{20}$

$\frac{5.7}{20}$

$\frac{5.9}{35}$

451.3

451.2

451.0

451.3

450.8

449.9

450.1

450.0

$\frac{4.8}{35}$

$\frac{4.9}{20}$

$\frac{5.1}{18}$

$\frac{4.8}{9}$

$\frac{5.3}{17}$

$\frac{6.2}{20}$

$\frac{6.0}{20}$

$\frac{6.1}{35}$

456.07

CANTON DR 0.81

Check starting BM 4.17 465.67

T.P. 5.73 469.84 3.73 464.11

T.P. 6.57 467.84 2.07 461.27

T.P. 7.05 463.34 1.82 456.29

T.P. 4.01 458.11 4.43 454.10

T.P. 4.80 458.53 3.98 453.73

T.P. 6.73 457.71 7.69 450.98

42+00

41+70.87 N.W. Line to Mesa Colony

41+35

T.P. 5.34 458.67 2.74 453.33

41+00

456.07

on city. Con  
Morr.

4

£

11.

36

chk on Mon 32+22<sup>48</sup> P-32

459.3  
453.7  
452.9  
453.2  
453.5  
452.6

44 50 58 5.5 5.2 5.1  
35 20 17 20 35

454.2  
453.9  
453.9  
453.8

48 48 49 51 53 53 60  
35 24 20 0 16 20 35

453.7  
453.6  
453.7  
453.7  
452.7  
451.9

45 47 53 52 50 51 50 60 68  
35 24 22 20 17 17 20 23 35

458.67 68

453.70  
453.50  
453.0  
453.3  
453.4  
453.3  
453.8  
453.2

24 26 31 28 27 2.8 2.3 2.9  
35 24 20 19 17 20

456.07

Cross-sec. Alley B1K. 136 Univ. Hqts.

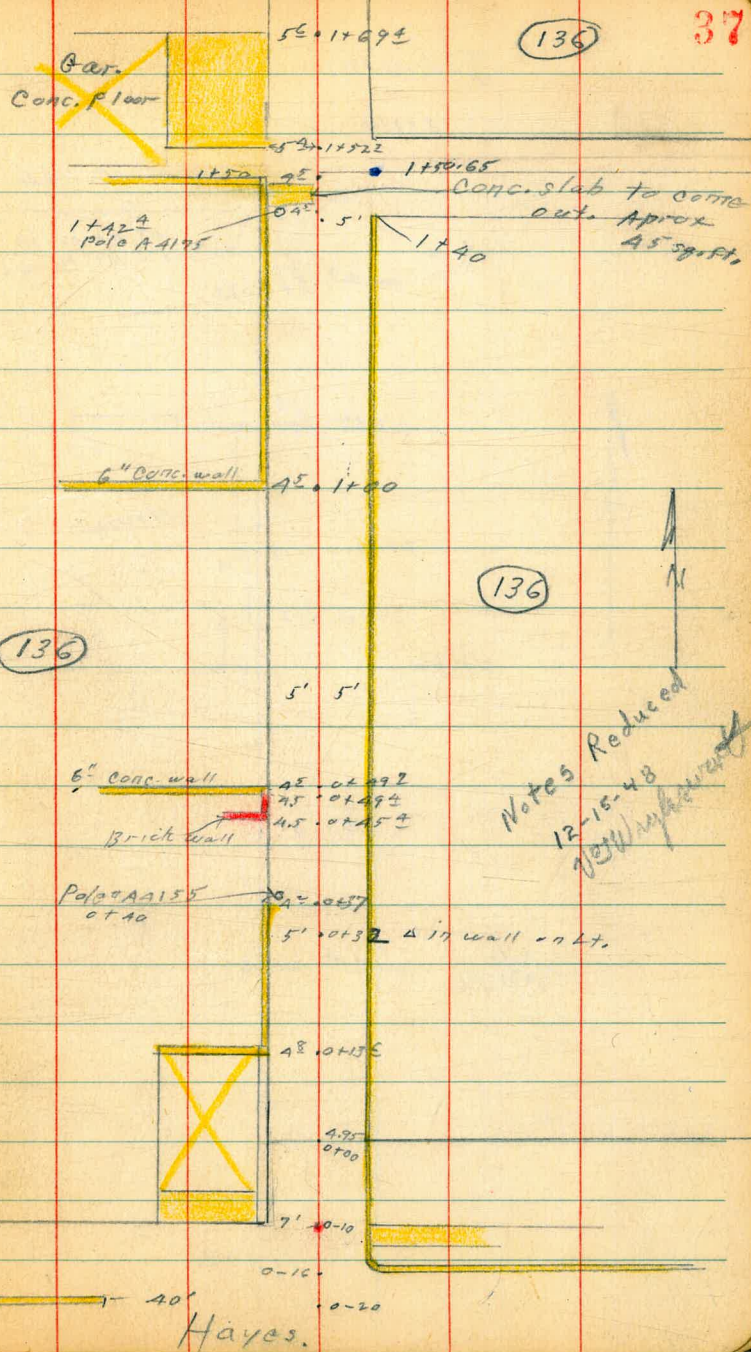
12-3-48  
V.V.O. 31522

Sammermeyer  
M<sup>c</sup>Coy  
Allen  
Jones

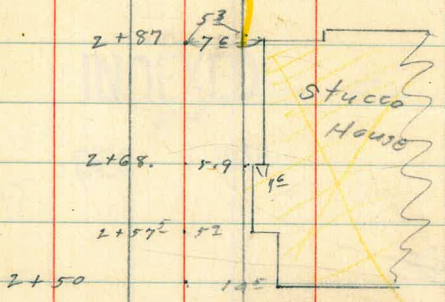
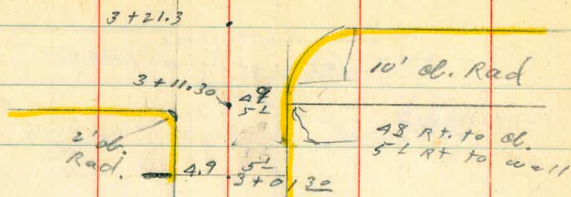
See master sketch in FB 1671  
35

also FB 1700  
76-78

INDEXED  
WK  
DEC 3 1948



Johnson.



5' 5'

Pole "AA191" 04 2+26

1+692



0+02 4' Lt. = large point settia

also = start 6" wide N. + S. Conc. wall.

0+00 = S. Line Hayes to east, 4<sup>25</sup> Rt. = End al.

0-01 4' Lt. =

0-05 4' Lt. = } Large point settia

0-05<sup>S</sup> = 12' Lt. =  $\pm$  Gar. door.

So. front garage.

0-10 7' Lt. S.E. Cor. Conc. Apron to  
= S. line Johnson Hayes to west

0-16 Cb. line Hayes to east.

40' Lt. = start existing al.

0-20 Cb. line Hayes to west

Set. B.M.  
S.E. 7' Lt.  
10<sup>th</sup> + Hayes  $\checkmark$  2.99  $\checkmark$  281.48 9.00  $\checkmark$  278.49 B.M. #1

N.W. B.P.  
10<sup>th</sup> + Johnson  $\checkmark$  5.45  $\checkmark$  287.89 - 282.44

277.4	277.5	277.7	277.5	277.13	278.35
4.1	4.0	3.8	4.0	4.35	3.13
7	5		42	495	495
at Gar.				top oc	top small

277.00  
4.48  
72

276.95	276.69	277.0	277.3	276.97
4.54	4.79	4.5	4.2	4.51
77	7	7		495
S.W. Cor Apron	S.E. Cor.	Grad.		top al. + dirt

276.9	276.9	276.9	276.98	276.4	276.85	276.56
4.6	4.6	4.6	4.50	5.1	4.63	4.92
5		5	top al.	20	20	50
			1' Rad.	Dirt	top oc	top oc

277.97	277.52	276.7	276.6	276.6	276.6
3.51	3.95	4.8	4.9	4.9	4.9
70	40	40	5	5	5
top oc	top al	dirt			
			281.48		

T.P. 9.59 290.74 0.33 281.15

0+25<sup>3</sup> 5<sup>2</sup> Rt. = step up in top of wall

280.30	280.86
1.18	0.62
5 <sup>2</sup>	5 <sup>2</sup>
Top to	Top to
So.	No.

0+21 3' Lt. = Deadman

0+16<sup>4</sup> 5<sup>15</sup> Rt. = step up in top of wall.

279.40	279.92
2.08	1.56
5 <sup>15</sup>	5 <sup>15</sup>
Top to	Top to
So.	North

with top of wall.  
Grd. inside of wall to left is level

7' Lt. = N.E. Cor. Gar.

also start N+S. Rock + Conc. wall.

0+13<sup>5</sup> 4<sup>8</sup> Lt. = So. Face E+W. Conc. wall

277.9	280.4	276.8	278.5	278.4	278.9	279.30
3.6	+1.1	4.7	3.0	3.1	2.6	2.18
7	4.8	4.8	4.8		5	
Grd at Cor.	Top wall	Base wall	Grd.		Grd.	Top Wall

0+10<sup>1</sup> 5<sup>15</sup> Rt. = Face of wall

278.23
3.25
5 <sup>15</sup>
Top wall

0+10 5<sup>15</sup> Rt. = step up in wall top.

278.4	277.8	278.50	278.3
3.1	3.7	2.98	3.2
5 <sup>2</sup>	5 <sup>2</sup>	5 <sup>15</sup>	6
Grd	Base wall	Top wall	Grd

281.48

281.48

0+49<sup>4</sup> 4<sup>5</sup> Lt. = End brick wall.

0+45<sup>4</sup> 4<sup>5</sup> Lt. = start 4" wide brick wall.

0+43<sup>8</sup> 5<sup>2</sup> Rt. = step up in top of wall

0+40 3<sup>8</sup> Lt. = pole # 4155

0+37 4<sup>2</sup> Lt. = End rock + Conc. wall

0+38<sup>2</sup> 5<sup>2</sup> Rt. = step up in top of wall

0+32 5<sup>2</sup> Rt. = Face Conc. wall.  
5' Lt. = Face Rock + Conc. wall

290.74

284.2      283.3      283.8  
6.50      7.4      6.9  
4<sup>5</sup>      4<sup>5</sup>      4<sup>5</sup>  
Top wall      Base wall      End

284.07      282.9      283.4  
6.67      7.8      7.3  
4<sup>5</sup>      4<sup>5</sup>      4<sup>5</sup>  
Top wall      Base wall      End

283.18      285.14  
7.56      5.60  
5<sup>2</sup>      5<sup>2</sup>  
Top wall      top wall  
to Se.      to No.

282.9      281.9  
7.8      8.8  
4<sup>2</sup>      4<sup>2</sup>  
Top wall      Base wall

282.26      283.19  
8.48      7.55  
5<sup>2</sup>      5<sup>2</sup>  
Top wall to      Top wall  
So.      to No.

282.7      282.7      280.9      281.4      281.1      281.4      281.64      278.2  
8.0      8.0      9.8      7.3      9.6      7.3      9.10      12.5  
1<sup>5</sup>      5      5      5      5      5<sup>2</sup>      5<sup>2</sup>      6  
End      Top wall      Base wall      End      End      Top wall      Top wall      Inside wall

290.74

0+75<sup>2</sup> 5° Rt. = step up in top of wall,

285.94	285.2	287.51
<u>4.80</u>	<u>5.5</u>	<u>3.23</u>
5°	5°	5°
Top to So. (on wall.)	Base wall	Top to No.

0+73<sup>2</sup> 5° Rt. = ± 3' walk thru. wall,

285.91
<u>4.83</u>
5°
± E+W, walk

0+72<sup>2</sup> 5° Rt. = Face of N. + S. wall.

286.24
<u>4.50</u>
5°
Top of wall

0+59<sup>A</sup> 5<sup>2</sup> Rt. = step up in wall top

285.5	285.4	285.5	285.5	283.9	285.38	286.24	285.9
<u>5.2</u>	<u>5.3</u>	<u>5.2</u>	<u>5.2</u>	<u>6.8</u>	<u>5.35</u>	<u>4.50</u>	<u>4.8</u>
15	5		50	52	52	52	6
				Base wall	Top to So.	Top to No.	Inside of wall

5' Lt. = start link wire fence

0+49<sup>2</sup> 4<sup>5</sup> Lt. = ± 6" wide E. + W. Conc. Wall.

285.07	282.9	283.8	283.7	283.9	285.27	281.72
<u>5.67</u>	<u>7.8</u>	<u>6.9</u>	<u>7.0</u>	<u>6.8</u>	<u>5.47</u>	<u>9.0</u>
42	42	42		52	52	6
Top of wall	Base wall				Top wall	Inside of wall

290.74

290.74

1/2 5' RT. 1250.65'

T.P. 5.19 273.33 2.90 287.84

287.75  
FB 16.71  
37 Lt.

4<sup>5</sup> Lt. = End link wire fence.

1+50 4<sup>5</sup> Lt. = End conc. wall

1+42<sup>4</sup> 4<sup>5</sup> Lt. = Pole # 4175

1+40<sup>65</sup> = So. line Alley to East.

1+40 5' RT. = End Conc. wall.

1+20

1+18 3<sup>8</sup> Lt. = Deadman

5<sup>0</sup> RT = Face N. + S. wall.

1+00 4<sup>5</sup> Lt. (= start N. + So. conc. wall  
= So. face E + W. conc. wall.)

290.74

E

43

288.14	287.8	288.0
2.60	2.9	2.7
4 <sup>5</sup>	4 <sup>5</sup>	4 <sup>5</sup>
Top wall	Base wall	Ord

287.6	287.74	287.5	287.6	287.6
<del>287.84</del>	<del>287.84</del>			
3.1	3.0	3.2	3.1	3.1
5	4 <sup>5</sup>	4 <sup>5</sup>		5
Ord	Top of wall			

287.6	286.8	288.32
3.1	3.9	2.42
5	5	5
Ord	Base of wall	Top of wall.

287.29	286.7	286.0	287.3	287.3	286.6	288.04
3.45	4.0	4.7	3.4	3.4	4.1	2.70
4 <sup>5</sup>	4 <sup>5</sup>	4 <sup>5</sup>		5	5	5
Top of wall	Base wall				Base wall	Top wall

286.84	286.2	286.6	286.7	286.64	285.7	287.7
3.90	4.5	4.1	4.0	4.1	5.0	3.0
4 <sup>5</sup>	4 <sup>5</sup>	4 <sup>5</sup>		5	5	5
Top wall	Base wall			Ord.	Base wall	Top wall.

290.74

2+26 A<sup>E</sup> Lt. = Pole #4191  
- end picket fence  
2+09 5<sup>A</sup> Rt. = End Conc. wall also

1+98 5<sup>E</sup> Rt. = start Conc. wall

1+69<sup>A</sup> 5<sup>E</sup> Lt. = End Conc. Apron

1+61 5<sup>A</sup> Rt. = start picket fence

1+60<sup>Gr</sup> N. line Alley to east

1+52<sup>Z</sup> 5<sup>A</sup> Lt. = start conc. Apron to double Gar.

1+50<sup>ES</sup> = E Alley to east

293.33

288.4    288.3    288.6  
 $\frac{4.9}{5}$      $\frac{5.0}{5.4}$      $\frac{4.7}{5.4}$   
Grd.    Base    Top wall

287.3    288.1    288.33    288.3    288.3    288.8    288.3  
 $\frac{6.0}{5.0}$      $\frac{5.2}{5}$     5.00     $\frac{5.0}{5}$      $\frac{5.0}{5.5}$      $\frac{4.5}{5.5}$      $\frac{5.0}{6}$   
Base wall    Top wall

288.36    288.17  
 $\frac{4.77}{1.85}$      $\frac{5.16}{5.4}$   
Gar. floor    Apron

288.1    288.1    288.2  
 $\frac{5.2}{5}$     5.2     $\frac{5.1}{5}$

288.32    287.98  
 $\frac{5.01}{1.85}$      $\frac{5.35}{5.4}$   
Gar. floor    Apron

287.9    288.2    287.9  
 $\frac{5.4}{5}$     5.1     $\frac{5.4}{5}$

293.33

5<sup>2</sup> Rt. = face Conc. wall.  
 42<sup>4</sup> = start ab.  
 3+01<sup>30</sup> = start A.C. Pave. = S. line Johnson to West

T.P. 3.30  $\downarrow$   
290.94 5.69 287.64

2+97<sup>3</sup> 5<sup>2</sup> Rt. = start Conc. wall.

2+87 7<sup>6</sup> Rt. = N.W. Cor. house.

2+68 5<sup>2</sup> Rt. to 7<sup>5</sup> Rt. = jog in house.

2+57<sup>5</sup> 5<sup>2</sup> Rt. to 14<sup>5</sup> Rt. = jog in house.

2+50 14<sup>5</sup> Rt. = start house.

<sup>2</sup>  
 3+35

<sup>2</sup>  
 2+28 4<sup>5</sup> Lt. = start lath fence

293.33

287.91  
 $\frac{3.03}{4.9}$   
 1-100

287.69  
 $\frac{3.25}{4.9}$   
 0

287.54  
 3.10 Pave

287.79  
 $\frac{3.15}{5.2}$   
 Pave

288.57  
 $\frac{2.37}{5.1}$   
 Top of wall

290.94

288.1  
 $\frac{5.12}{15}$

287.9  
 $\frac{5.4}{5}$

287.7  
 $\frac{5.16}{5}$

288.1  
 $\frac{5.12}{5}$

288.0  
 $\frac{5.13}{5}$   
 Base of wall

288.8  
 $\frac{4.5}{5}$   
 Top of wall

288.1  
 $\frac{5.12}{5}$

287.9  
 $\frac{5.14}{5}$

288.3  
 $\frac{5.0}{5}$

288.5  
 $\frac{4.8}{5}$   
 At house

287.8  
 $\frac{5.5}{15}$

288.5  
 $\frac{4.8}{5}$

288.4  
 $\frac{4.7}{5}$

288.4  
 $\frac{4.7}{5}$

289.1  
 $\frac{4.2}{15}$

293.33

Alley

±

46

Orig B.M.  
P. 39

- 0.03  
8.47 282.47 282.44

3+21<sup>3</sup> Cont.

	287.77	288.43
3.17		2.51
60		60
G		CL

3+21<sup>3</sup> = S. Cl. Johnson to East

287.08	287.23	287.43	288.05
3.86	3.71	3.51	2.89
	5	15	15
		Cl. E.C.	Cl. top
		cut-off	E.C.

3+11<sup>30</sup> = { 5' RT. = End Conc. wall  
42' At. = start curb. = B.C. 10' Rad Cl. Ret.  
S. line Johnson to east.  
S. Cl. Johnson to west.

286.10	285.44	287.65	287.14	287.24	287.53	288.12	288.55	288.14
4.84	5.50	3.29	3.80	3.70	3.41	2.82	3.39	2.80
50	50	ctr.	5		48	48	51	51
top	G	2' Rad.	pave		G	top	pav	top
Cl		Cl. Ret.				Cl.		wall

290.94

290.94



EVERGREEN.  
Carlton to Fennelon.

Also  
Dickens - Evergreen to 200' N.Wly.

W.O. 31437 (Request # 3460)

4-29-49

Sommermeier  
McCoy  
Allen  
Jones

INDEXED

WK  
MAY 2 1949

Notes reduced  
5-2-49  
H Remington

⊕  
Dickens

2+01 ← 33? →

For 0+00 to 7+80  
see FB 1813  
10-17

Wly. line

0+00

EVERGREEN

Nail in dirt over  
Street. Man hole  
Cover

⊕  
EVERGREEN ST.

47

Dickens

By intersecting  
Crosses in  
M.H. Rim.

street

A.C. Pav.

2+10

2+00

35' ← 38' → 1+77

Levels P. 49

Double Gate  
Cone. Floor  
No Apron

37' → 0+95

0+94

37' → 0+78

Nly. line  
Carlton

0+07

1'

0+00

7+82 valve chamber

Cone. Pav.

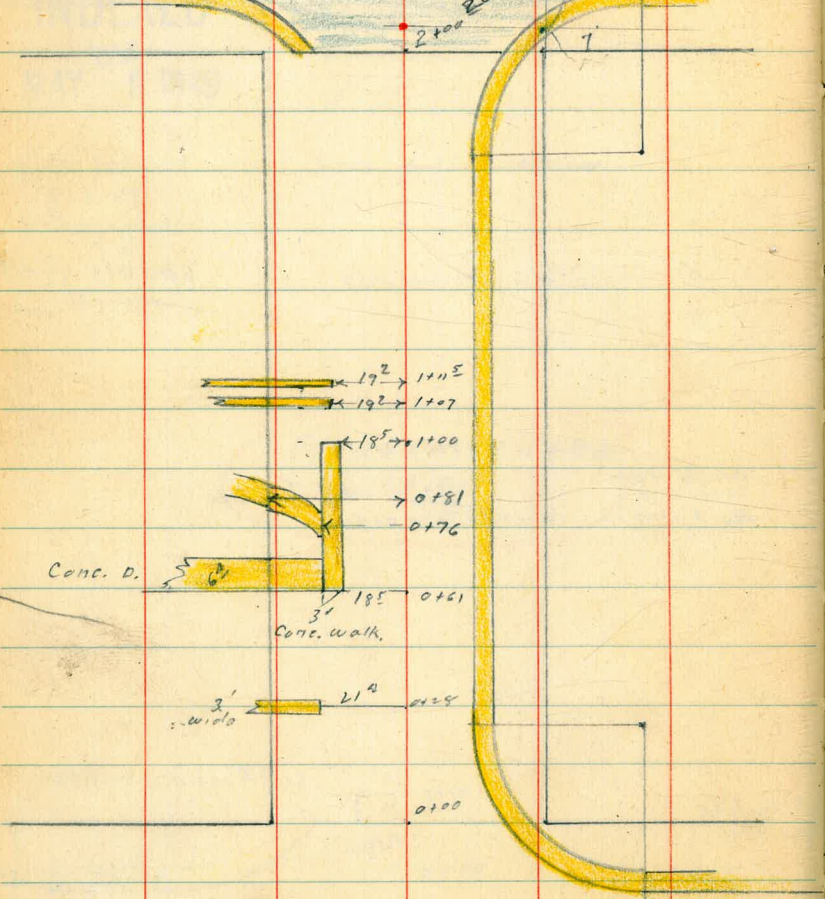
63

Carlton St.

Ed. L.T.

R.C. Pavement

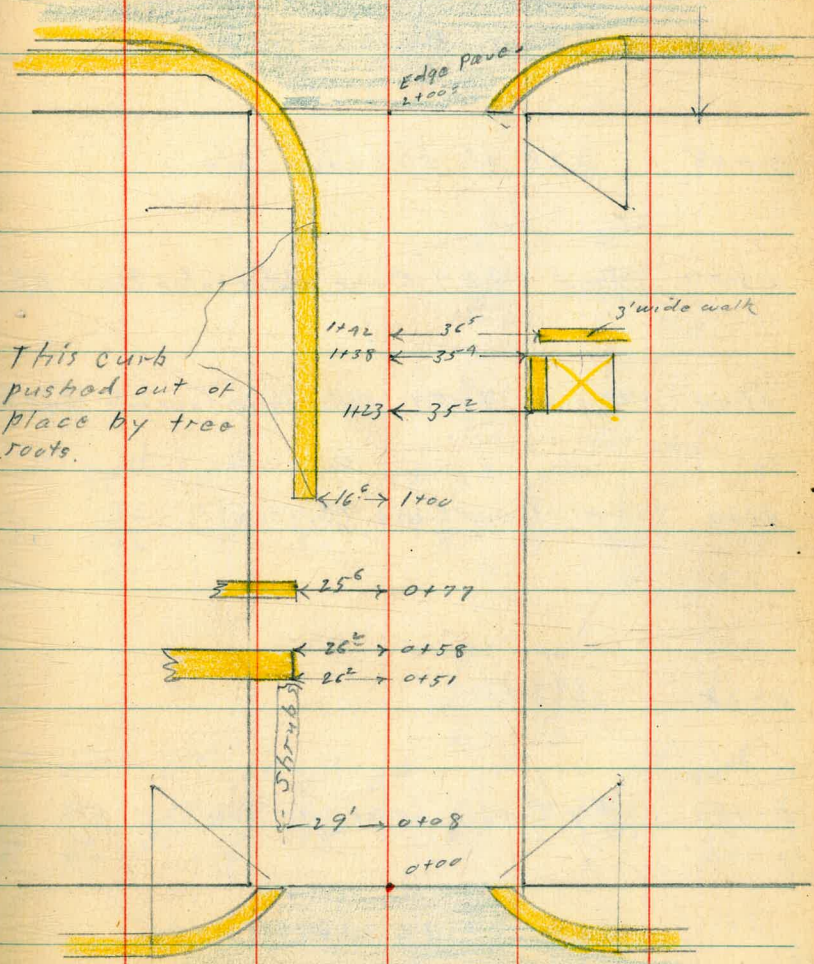
Emerson  
F.D. Disk Street



Dickens

street.

Fenelon A.C. Pavement Street



Emerson

A.C. Pavement

Street

EVERGREEN ST.

0+49 39' Lt. Logquat Tree  
 0+46 29' Hibiscus  
 0+35 34' Lt Peach tree  
 0+22 28' Lt. Hibiscus  
 0+14 26 W Begin Lath Fence

0+08 27.8 Lt. Elec. Guy Pole

0+07 End 7'x8.9' Conc. Water Valve Box Rt.

0+00 Begin 7'x8.9' Water Valve Concrete Box Rt.

0+00 Nly Prop. Line Carlton

0-18 cont.

0-18 Nly Curb Line on Carlton

T.P. 7.25 30.10 3.01 22.85

7.26 25.86 - 18.50 B.M.#1

57 Emerson +  
 Evergreen  
 E. Prop.  
 Dist.

Lt.

E

Rt

49

							24.28	24.00
							5.82	6.10
							2.1	11.0
							Cor Box	Cor Box
							24.29	24.06
							5.81	6.04
							2.1	11.0
							Cor Box	Cor Box
	24.93	24.34	24.38	24.40	24.36	24.17	23.79	23.97
	5.17	5.76	5.72	5.70	5.74	5.93	6.31	6.74
	24.6	24.6	17	8.5	8.5	17	24.8	24.8
	Ch	Gut					Gut	Ch
							22.62	23.77
							7.78	6.73
							100	100
							Gut	Ch
	19.71	19.07	25.52	25.01	24.83	24.68	24.55	24.28
	0.33	1.03	4.58	5.09	5.27	5.42	5.55	5.82
	60	60	35	17	8.5	8.5	17	35
	Ch	Gut		Ch				
							23.75	23.08
							7.02	6.22
							60	60
							Gut	Ch
								BC

30.10

EVERGREEN ST.

50

1+50	34' Lt. Lognat Tree	$\frac{23.4}{6.7}$ <u>35</u>	$\frac{22.1}{8.0}$ <u>17</u>	$\frac{21.2}{8.9}$ <u>13</u>	$\frac{20.9}{9.2}$	$\frac{20.6}{9.5}$ <u>15</u>	$\frac{20.9}{9.2}$ <u>17</u>	$\frac{20.9}{9.2}$ <u>35</u>
+39	Conc. 3.5' Walk - 35.6 Rt.					$\frac{20.94}{9.16}$ <u>35.6</u> End Walk		
1+00	28.3 Lt Tel. Pole #301763H	$\frac{24.6}{5.5}$ <u>35</u>	$\frac{23.5}{6.6}$ <u>17</u>	$\frac{23.5}{6.6}$ <u>15</u>	$\frac{22.4}{7.7}$ <u>13</u>	$\frac{22.1}{8.0}$	$\frac{21.6}{8.5}$ <u>15</u>	$\frac{21.9}{8.2}$ <u>17</u>
0+97	36' Rt Begin Wire Fence							
0+95	End Double Garage 37.0 Lt				$\frac{25.37}{4.73}$ <u>37</u> Gar. Floor End			
0+84	39.7 Rt. 3' walk					$\frac{22.23}{7.87}$ <u>34.7</u> End Walk	$\frac{22.24}{7.86}$ <u>35</u>	
0+78	Begin Double Gar. 37.2 Lt				$\frac{25.39}{4.71}$ <u>37.2</u> Gar. Floor End			
0+58	End lath Fence 27' Lt.							
0+52	32' Lt 2" Fruit Tree							
0+50		$\frac{25.6}{4.5}$ <u>35</u>	$\frac{24.2}{5.9}$ <u>17</u>	$\frac{23.7}{6.4}$ <u>14</u>	$\frac{23.5}{6.6}$	$\frac{23.0}{7.1}$ <u>17</u>	$\frac{23.7}{6.4}$ <u>21</u>	$\frac{23.3}{6.8}$ <u>35</u>
	<u>30.10</u>				<u>30.10</u>			

+18 Cont. 60' Rt. = Ob. E.C.

2+18 = Sly Ob. Line Dickens

2+10 35' Rt. = start Exist Ob. (P.47)  
 2+08 34' Rt. = Meter box  
 2+02 18' Lt. = Meter box

TP. 5.86 26.39 9.57 20.53

2+00

+98 243 Lt. Electric Pole #P1298

+80 34' Lt 1" Lemon Tree

1+60 18' Lt. Meter Box 33' Lt <sup>2"</sup> Lemon Tree

π 30.10

18.83	19.25	18.37	18.82
7.56	7.14	8.02	7.57
50	60	100	100
Pav	Ob	Pave	Ob

22.4	21.4	21.0	20.5	19.9	19.4	19.24
4.0	5.0	5.4	5.9	6.5	7.0	7.15
35	17	14		17	35	35
					End	Pave

	19.5	19.15	19.62
	6.9	7.24	6.77
	35	35	35
	End.	Pave	Ob
26.39			

22.8	21.7	20.8	20.5	19.8	19.9
7.3	8.4	9.3	9.6	10.3	10.2
35	17	13		17	35

30.10

0+28 - 21' Lt. = ± 3' walk cone.

22.47	22.04
3.72	4.35
35	21'
walk	walk

0+25 17' Rt. = cl. E.C.

19.1	19.45
7.3	6.94
17	17
Ord.	cl. E.C.

0+00 21' Rt. = ± 2' wide E+W. hedge  
 2+70 = Nly. line Dickens

22.7	22.1	21.0	20.6	19.7	19.0	19.39
3.7	4.3	5.4	5.8	6.7	7.4	7.00
35	25	12		17	25'	25'
				Ord.	Ord.	top cl.

2+59E 35' Rt. = End A.C. Pave.

18.76	19.24
7.63	7.15
35	35
pave	cl.

+ 52 Cont.

18.92	17.99	18.52
7.47	8.40	7.87
60	100	100
cl. B.C.	pave	cl.

2+52 Nly. cl. line Dickens

22.8	21.6	20.6	19.9	19.0	18.97	18.47
3.6	4.8	5.8	6.5	7.4	7.42	7.92
35	17		17	35	35	60
				Ord.	pave	pave

2+35 ± Dickens

22.2	21.4	20.5	19.9	19.4	19.19	18.93
4.2	5.0	5.9	6.5	7.0	7.20	7.46
35	17		17	35	35	60
					pave	pave

2639

26.39

Evergreen St

1+11 E 19' Lt. =  $\Phi$  North ribbon of drive  
(Rods on Conc.) (18" wide ribbons)

1+07 19' Lt. =  $\Phi$  So. Ribbon of drive  
23' Lt. =  $\Phi$  2' wide E.+W. Hedge  
24' Lt. = pole P. 1324

1+00 18' Lt. = End 3' wide Conc. N+S. walk

0+98 23' Lt. = Meter box  
(see sketch P 48)

0+81 35' Lt. (on  $\Phi$  curving walk.)

0+76 21' Lt. =  $\Phi$  3' wide Conc walk

0+67<sup>4</sup> = Niy. <sup>edge</sup> time drive

0+61 21' Lt. = start Conc. E+W. Drive  
18' Lt. = start 3' wide N+S. Conc. walk

0+50

26.39

53

23.22  
3.17  
50

22.09  
4.30  
35

20.66  
5.73  
192

23.18  
3.21  
50

22.03  
4.36  
35

20.69  
5.70  
192

22.0 21.12 21.11 20.7 20.3 19.9 18.9 19.11

4.4 5.27 5.28 5.7 6.1 6.5 7.5 7.28

35 21.5 18.5 18 6 6 17.1 17.1

walk walk End walk walk walk walk walk

22.33  
4.06  
35  
walk

21.31  
5.08  
21.5  
walk

22.41  
3.98  
35

22.42 21.46 21.46

3.97 4.93 4.93

35 21.5 18.5

Drive walk walk

Drive a Drive

22.6 21.7 20.6 20.6 20.0 19.1 19.31

3.8 4.7 5.6 5.8 6.4 7.3 7.08

35 21 14 8 8 17 17

cb

26.39

2+35<sup>z</sup> E Emerson

22.08	20.57	19.59	18.75	18.45	18.24	17.93
3.71	5.22	6.20	7.04	7.34	7.55	7.86
60	35	17		17	35	60

2+18<sup>z</sup> Sly. ch. line Emerson

21.99	21.49	20.04	19.06	18.49	18.07	17.84	17.51	17.97
3.80	4.30	5.75	6.73	7.30	7.72	7.95	8.28	7.82
60	60	35	17		17	35	60	60
cl.								cl.
E.C.								E.C.

2+00<sup>z</sup> = 17<sup>z</sup> Lt. = start Exist. Ch.  
Sly Emerson = start A.C. Pave.

22.2	21.0	19.97	19.31	18.99	18.63	18.18	18.11	18.62
3.6	4.8	5.82	6.48	6.80	7.16	7.61	7.68	7.17
35	33	25	25	17	Pave	17	25	25
		cl.	Ord	+ Ord	Ord	+ Ord	Ord	cl.
			Pave.					

1+98 27' Lt. = Pole # 1348

T.P. 7.30 25.79 7.90 18.49

25.79

1+75 17' Rt. = Ch. B.C.

22.2	21.4	20.1	19.7	18.3	18.81
4.2	5.0	6.3	6.7	8.1	7.58
35	25	13		17	17
					cl. B.C.

1+50 - 26' Lt. = E 2' wide E. &amp; W. Hedge

21.6	21.2	20.4	20.0	18.6	18.87
4.8	5.2	6.0	6.4	7.8	7.52
35	25	13		17	17
					cl.

1+44 22' Lt. = Meter box

2639

26.39



T.P. 4.99 28.82 1.96 23.83

0+51 26<sup>±</sup> Lt. = start 7' wide Concr. Drive

0+50 23<sup>±</sup> Lt. = pole # P. 1362  
24' Lt. = End shrubs (± 6' wide)

0+42 19' Lt. = water meter box

0+30

Misc'l shrubs

0+08 29' Lt. start ± 6' wide row of

0+00 }  
2+70<sup>±</sup> } = Nly. line Emerson

2+70 {  
25<sup>±</sup> Lt. = End Exist. ab.  
25<sup>±</sup> Rt. = End Exist. ab.  
= End A.C. Paving.

2+52<sup>±</sup> Nly. ab line Emerson

25.79

27.59 27.25  
2.20 2.54  
35 Drive 26<sup>±</sup> Drive

23.1 23.2 22.0 22.0 21.8 21.6  
2.3 2.6 3.8 3.8 4.0 4.2  
35 25 15 17 35

23.1 22.8 21.8 21.4 21.0 21.2 20.8  
2.3 3.0 4.0 4.4 4.8 4.6 5.0  
35 26 17 17 25 35

23.0 22.8 21.2 20.2 19.9 19.3 19.3 19.7 20.2 20.2  
2.8 3.0 4.6 5.6 5.9 6.5 6.5 6.1 5.6 5.6  
30 35 31 17 17 25 32 35 40

20.96 20.34 20.12 19.86 19.26 19.13 19.66  
4.83 5.45 5.67 5.93 6.53 6.66 6.13  
25 25 17 17 25 25 25  
End ab. End ab.

22.51 22.02 20.62 19.83 19.25 18.80 18.57 17.95 18.44  
3.28 3.77 5.17 5.96 6.54 6.99 7.22 7.84 7.35  
60 60 35 17 17 35 60 60  
ab. ab. ab. ab.  
B.C. B.C.

25.79

1+28 16<sup>8</sup> Lt. = cl.

38' Rt. = start double Gar.  
35<sup>2</sup> Rt. = start Conc. Apron

1+23 26' Rt. = End <sup>N+S.</sup> Hedge Also N. Edge E+W. Hedge

1+16 16<sup>7</sup> Lt. = cl.

Also = start 3' wide N+S. Hedge  
26' Rt. = 3' wide E+W. hedge  
poor shape

1+00 16<sup>5</sup> Lt. = start curb + walk. (P. 48)

0+80 23' Lt. = Meter box

0+77 25<sup>5</sup> = 3' wide E+W. Conc. Walk

0+58 26<sup>2</sup> Lt. = End 7' wide Conc. Dr.

28.82

23.56  
5.24  
16<sup>8</sup>  
top. cl.

23.79      23.95  
5.03      4.87  
35<sup>2</sup>      38  
Apron      Bar Floor

23.37  
5.45  
16<sup>7</sup>  
top. cl.

24.7	23.8	23.40	22.8	23.2	23.4	23.1
4.1	5.0	5.42	6.0	5.6	5.4	5.7
35	21	16 <sup>5</sup> 00	16		17	35

24.19      23.70  
4.61      5.12  
35      25<sup>5</sup>  
walk      E walk

23.73      23.25  
5.19      5.57  
35      26<sup>5</sup>  
Drive      Drive

28.82

24<sup>1</sup> Lt. = cl. Face 24<sup>8</sup> Rt. = start Conc. Cl.  
 2+00 = Start. A.C. Paving (So. line Evergreen)

25.05	24.45	24.36	24.12	23.75	23.53	24.04
3.77	4.37	4.46	4.70	5.07	5.29	4.78
24 <sup>1</sup>	24 <sup>1</sup>	17		17	24 <sup>8</sup>	24 <sup>8</sup>
cc	cc				cc	cc

1+95 27' Rt. = End row of shrubs & flowers

24.52	23.7	23.7	23.7	24.3	24.2
4.30	5.1	5.1	5.1	4.5	4.6
165	165		20	28	35
cc. B.C.					

1+75 Lt. = cl. B.C.

1+67 30' Rt. = 3" diam. - 9' high tree

24.22

1+55<sup>Σ</sup>

4.60
163
cc.

1+50 30' Rt. = 4" diam - 8' high palm

23.94	23.4	23.7	23.8	23.8
4.88	5.4	5.1	5.0	5.0
163	163		17	35
cc				

1+48

1+43 27' Rt. = start row Misc'l shrubs  
 + Flowers.

1+42 36<sup>Σ</sup> Rt. = 3' wide E.W. Conc. Walk

23.88

4.94

36<sup>Σ</sup>  
walk

1+38 35<sup>Σ</sup> Rt. = End Garage.  
 35<sup>Σ</sup> Rt. = End Conc. Apron.

23.81	23.93
5.01	4.89
35 <sup>Σ</sup>	38
Apron	Gar
	Flom

28.82

28.82

Emerson + Evergreen  
S.E. Prop + Disk

orig B.M.

10.32 18.50 ✓

B.P. Ctr. S.w. Rot

Fenelon + Evergreen

3.74 25.08

+18 Santi

27.16  
1.66  
60  
Q. E. C.

26.44  
2.88  
60  
Q

22.42  
6.40  
60  
Q

23.10  
5.72  
60  
Q. E. C.

2+18 Sly. cl. Fenelon

28.82

21.91  
3.85  
35

24.40  
4.42  
17

24.01  
4.81

23.60  
5.22  
17

27.22  
5.60  
35

28.82

Dickens st.  
Wly From Evergreen  
sketch p.10.

INDEXED

stations thru 1780 checked  
and are as shown in FB 1813  
10-17  
APP

2+02

45.6	44.2	46.0	44.4	43.1	43.2	44.0	44.2
4.5	5.9	4.1	5.7	7.0	6.9	6.1	5.9
35	22	12		4	28	35	50

2+01 332 RT. = ± 8" wide N. & S. Conc. wall

40.0	38.4	47.7
10.1	11.7	2.4
332 Ornd	332 Base wall	332 Top

2+00

43.9	43.5	45.9	43.4	42.7	42.8	39.9	40.5
6.2	6.6	4.2	6.7	7.4	7.3	10.2	9.6
35	20	11		8	28	35	45

0+00 to 1+80 - See above note.

T.P. 11.48 50.13 0.54 38.65

T.P. 12.89 39.19 0.28 26.30

B.M.#1 8.08 26.58 - 18.50

P.19

50.13

Santa Barbara + Pt. Loma Aves,

W.D. 31629.

9-20-49

INDEXED  
W.K.  
SEP 23 1949

Sommermeier  
McCoy  
Allen  
Rorer

Yellow = curbs - walks - drives  
Green = A.C. Paving + Plant mix

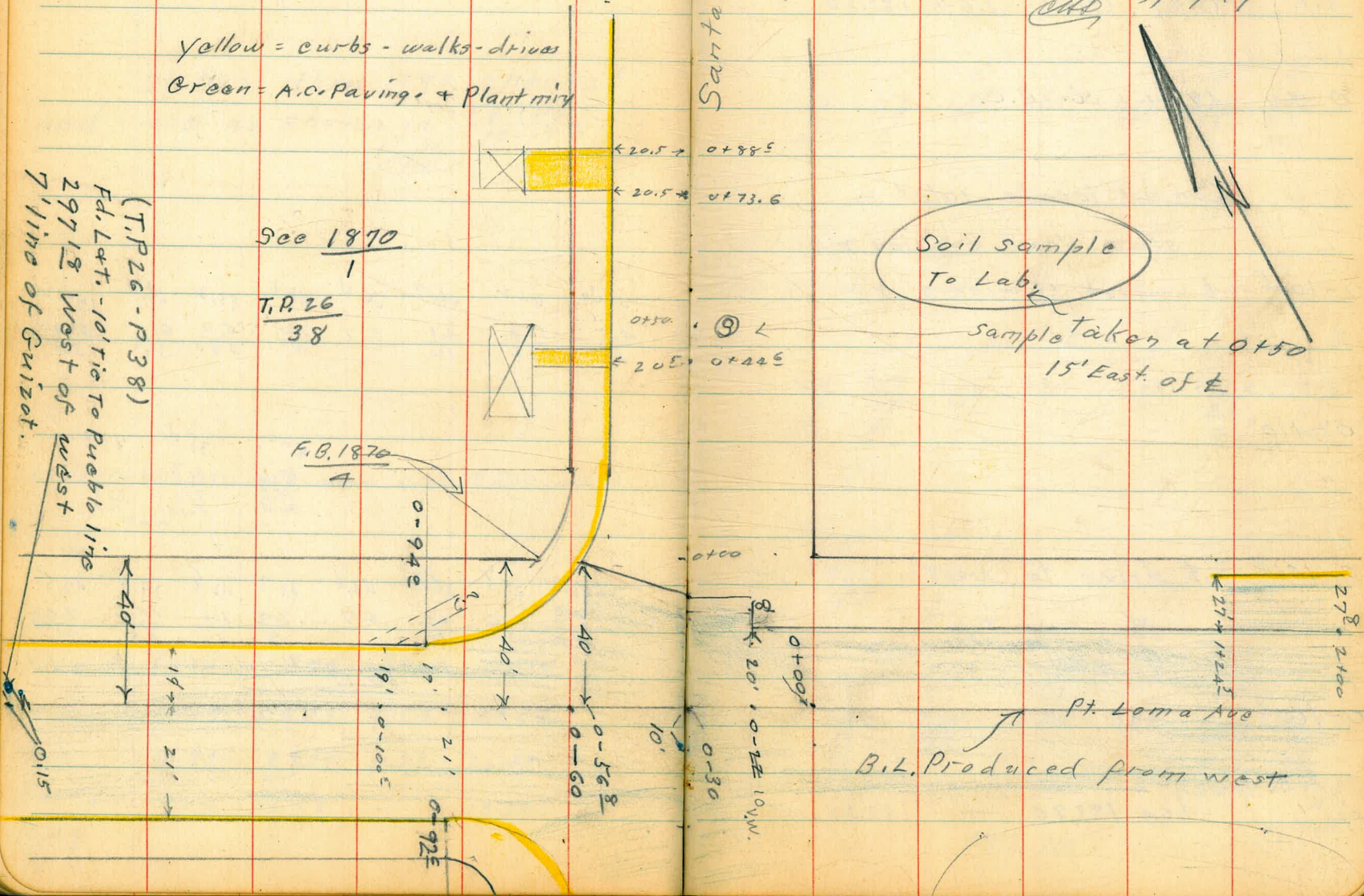
Santa Barbara,

(T.P. 26 - P. 38)  
Fd. Lvt. - 10' tie to Pueblo line  
297' 8" West of west  
7' line of Gizot.

See 1870  
1

T.P. 26  
38

F.B. 1870  
4



original X-sec. 1870  
unchanged. 9/22/49  
~~0+44.5~~

Soil sample  
To Lab.

sample taken at 0+50  
15' East. of centerline

Pt. Loma Ave

B.L. Produced from west

For. N.W. cl. Pot. see F.B. 1870  
4

F.P. 12.87 195.13 1.64 182.26

0-9A - 19' Lt. = cl. B.C.

Can not locate inlet.

storm drain (Gal. iron pipe.)

0-100<sup>E</sup> = £ outlet 18" wide 9" high 1/2 round

0-110°

0-121° = £ drive to North

cl. = curb top.

G = gutter.

0-160°

Santa Barbara  
+  
Pt. Loma.  
Ave.

1.64 183.90 — 182.26 S.W.P.P.

183.32	182.32	182.60	182.65	182.45	181.85	182.42
0.58	1.58	1.30	1.25	1.45	2.05	1.48
19	19	10		10	21	21
cl	G				G	cl

182.44	181.37
1.26	2.53
19	19
top. cl.	invert

181.34	180.39	180.68	180.63	180.24	179.56	180.12
2.56	3.51	3.22	3.27	3.66	4.34	3.78
19	19	10		10	21	21
cl	G				G	cl

180.24	179.68	178.98
3.66	4.22	4.92
56	272	19
Ax. Bar		G

175.30	174.30	174.65	174.56	174.21	173.64	174.17
8.60	9.60	9.25	9.34	9.69	10.26	9.73
19	19	10		10	21	21
cl	G				G	cl

183.90

(see p. 60)

25' Lt. = curb line to east, produced  
 19' Lt. = cl. line to west  
 21' Rt. = cl. line to west  
 20' Rt. = curb line to east

0-30 = ± Santa Barbara

0-40 = Wly 1/4.

Wly. cl. line Santa Barbara  
 (irregular edge)  
 0-50 38' Lt. = ~~At~~ Edge paving

0-60 Wly. line Santa Barbara

0-72

0-92<sup>E</sup> 21' Rt. = Curb. Ret. B.C.195.13

188.31	188.31	188.12	188.06	187.88	187.53	187.04	187.00
<u>6.82</u>	<u>6.82</u>	<u>7.01</u>	<u>7.07</u>	7.25	<u>7.60</u>	<u>8.09</u>	<u>8.13</u>
28	24	19	10		10	20	21

187.65	187.45	187.45	187.31	186.88	186.34
<u>7.49</u>	<u>7.68</u>	<u>7.68</u>	7.82	<u>8.25</u>	<u>8.79</u>
35	19	10		10	21
Edge Pava					

186.86	186.76	186.78	186.69	186.30	185.70
<u>8.27</u>	<u>8.37</u>	<u>8.35</u>	<u>8.44</u>	<u>8.83</u>	<u>9.43</u>
38	19	10		10	21

185.86	185.98	186.01	185.93	185.47	184.87
<u>9.27</u>	<u>9.15</u>	<u>9.12</u>	9.20	<u>9.66</u>	<u>10.26</u>
34	19	10		10	21

184.84	184.88	184.87	184.38	183.78
<u>10.29</u>	<u>10.25</u>	10.26	<u>10.75</u>	<u>11.35</u>
19	10		10	21

181.73	182.26
<u>13.40</u>	<u>12.87</u>
21	21
G	CC.

195.13



0+95.5 39<sup>E</sup> Lt. = S.E. Cor. Conc. drive.

0+87<sup>E</sup> 39<sup>E</sup> Lt. = S.W. Cor. Conc. drive

0+64<sup>E</sup> 20<sup>3</sup> Rt. = Cl. Ret. B.C. (Triesta + Pt. Loma) <sup>S.W. Ret</sup>

T.P. 12.70 207.15 0.68 194.45

0+24<sup>E</sup> 20<sup>E</sup> Rt. = Cl. Ret. E.C. (S.E. Ret.)

E.P. = Edge paving

0+00 = Ely line Santa Barbara

0-10 28' Ht. = Edge paving

0-20 = Ely 1/4

195.13

206.46 202.95 202.85  
0.69 4.20 4.30  
58 40 39E

206.70 206.33 202.72 202.62  
0.45 0.82 4.43 4.53  
66 58 40 39E  
Bar.  
floor

205.2 200.0 197.76 197.60 197.27 196.94 196.64 197.26  
2.0 7.2 9.39 9.55 9.88 10.21 10.51 9.89  
44 34 20 10 20 10 20 20  
top. E.P. bank 207.15 6 66.

202.1 199.1 194.0 192.32 192.47 192.28 191.69 191.26 191.98  
7.0 14 1.1 2.81 2.66 2.85 3.44 3.87 3.15  
44 40 31 20 10 10 20 20  
top E.P. bank 6 6

191.0 190.6 189.87 190.09 189.85 189.33 188.84  
4.1 4.5 5.26 5.04 5.28 5.80 6.29  
40 24 20 10 10 20  
E.P.

189.6 189.13 189.22 189.21 189.33 189.09 188.65 188.17 188.01  
6.1 6.00 5.91 5.92 5.80 6.04 6.48 6.96 7.12  
40 28 24 20 10 10 20 25

188.83 188.80 188.64 188.43 188.08 187.65 187.53  
6.30 6.33 6.49 6.70 7.05 7.48 7.60  
24 19 10 10 20 25

195.13

Point Loma Ave

T.P. 0.43 205.24 11.09 200.81  
 pt. Loma  
 2+07 18<sup>z</sup> Rt. = E.C. S.E. cb Ret. Trieste +

2+00

1+75

T.P. 9.02 215.90 0.27 206.88

1+50

20' Lt. = Jog in A.C. Paving  
 (See P. 60)

1+24<sup>5</sup> 27' Lt. = start. E+W. curb.

1+08 Cont.

1+08

207.15

B/L

54

212.80 212.17 212.66 212.52 212.39 212.08  
3.10 3.73 3.24 3.38 3.51 3.82  
 278 278 10 10 10 20  
 cb G

213.05 213.65  
2.85 2.25  
 18<sup>z</sup> 18<sup>z</sup>  
 G cb

209.69 209.05 209.67 209.61 209.53 209.39  
 6.21 6.85 6.23 6.29 6.37 6.51  
 275 275 10 10 10 20  
 cb G 215.90

207.14 206.63 206.89 207.15 207.14 207.20 207.26  
 0.01 0.52 0.26 0.00 0.01 10.05 10.11  
 275 275 20 10 10 10 20  
 cb G

205.1 204.40 204.59 204.67 204.75 204.83 204.80  
 2.06 2.75 2.56 2.48 2.40 2.32 2.35  
 27 27 20 10 10 10 20  
 cb G

207.0 204.8  
0.2 2.4  
 45 40  
 top bank

203.6 203.0 202.53 202.86 202.96 202.95 202.80  
 3.6 3.5 4.62 4.29 4.19 4.20 4.35  
 38 28 20 10 10 10 20

207.15

orig. B.M. P. 61

12.27

182.27

182.26

0+88<sup>E</sup> 20<sup>th</sup> Lt.: End conc. drive

190.14	190.08	190.56	190.90	191.08
4.40	4.46	3.98	3.64	3.46
40	36	30	24 <sup>E</sup>	20 <sup>E</sup>
At Car.				OC

0+86<sup>E</sup> 20<sup>th</sup> Lt.: in drive

See FB 1870

190.14	190.08	190.76	190.40
4.40	4.46	3.78	4.14
40	35.9	24 <sup>E</sup>	20 <sup>E</sup>

0+75 20<sup>th</sup> Lt.: in drive

190.12	189.92	190.22	189.81
4.42	4.62	4.32	4.73
40	35.9	24 <sup>E</sup>	20 <sup>E</sup>

0+73<sup>E</sup> 20<sup>th</sup> Lt.: start drive

190.12	189.90	190.07	190.22	190.24
4.42	4.64	4.47	4.32	4.30
40	35.9	30	24 <sup>E</sup>	20 <sup>E</sup>
At Car				OC

0+44<sup>E</sup> 20<sup>th</sup> Lt.: wide conc. walk

189.16	188.99	188.77
5.38	5.55	5.77
36	30	20 <sup>E</sup>
Walk at porch stops.		OC

T.P

0.84

194.54

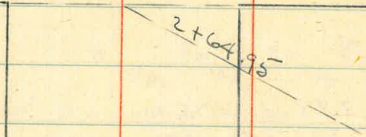
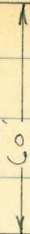
11.54

193.70

205.24194.54

Rynchon

st.



st.

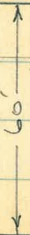
"T"

2+00 = Hub.

10' Rad.

curbinpoor Cond. st.

46<sup>th</sup>

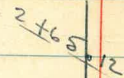


47<sup>th</sup>

st.



Disk



st.

"T"

0+00 = Hub.

36

Rynchon

st.

X-Sect. "T" St. from 46<sup>th</sup> to 47<sup>th</sup>  
 for grade Est. - 60' st. - 10' curbs.  
 Graded. - Dirt.

#5561. 7-2-51 - 7.0.

W.O. 25020

1+64-30.1 Rt. = end Conc. apron

1+60

1+44.5-30.3 Rt. = Beg. Conc. apron To Daub. Grav.

1+24.5 = end curbs - both sides - Poor Cond.

1+00

0+50

0+00 = E.L. 46<sup>th</sup>

curbs only - on both sides  
 S. Block F.

B.M. = spike in Pole at Alley

B.M. - Book 1727 - P. 41

Note: Elev. Rod. used. - Actual Elev. Shown.

110.16 = # J.R.A. 27 8865

116.49 = S.W. B.P. - 47<sup>th</sup> + Ocean View.

Lt. # Rt.

87

INDEXED

13.57  
 30.1 = apron

10.8	11.2	10.7	10.7	11.6	13.55
40	30	17		18	30.3 = apron

13.59 13.74  
 30.3 34.3 =  
 floor

08.4	08.51	07.7	08.0	08.6	08.91	10.2
30	Top end cb	4.8 gut		20 gut	Top = end cb.	30

06.3	06.39	05.7	05.9	06.4	07.01	08.9
30	Top	19.8 gut		20.1 gut	Top	30

01.8	02.50	01.9	02.2	02.1	02.91	04.0
30	Top	19.7 gut	100' Not Noted.	20 gut	Top	30

98.8	98.79	98.5	99.1	98.7	98.93	100.7
30	Top	19.8 gut		20.1 gut	Top	30

"T" st.

1+35 = in Alley

1+00

0+50

60' E. = E.L. Pyncheon = 0 top ahead.

30' E. =  $\pm$  = cuts show ave. profile

2+64.95 = wth. Pyncheon

2+35

2+27 -  $\left\{ \begin{array}{l} 38.4' \text{ Lt.} = \pm \text{ Near Wing. - stucco House} \\ 40.9' \text{ Rt.} = \pm \text{ Large frame House} \end{array} \right.$

2+00

1+97 - 32.2 Lt. =  $\pm$  7' Dr. - 2' - 2' Conc. strips

Lt.

$\pm$

Rt.

68

16.6	17.0	17.2	17.4	17.3	17.7	18.6
50	30	12		16	30	50

15.0	16.0	16.1	16.3	16.3	16.3	15.7
40	30	12		15	30	40

14.7	15.8	15.2	15.5	15.5	16.2	16.3
40	30	12		16	30	40

13.3	15.1	14.5	14.9	15.1	15.2	16.0
50	30	12		16	30	50

10.8	13.4	14.2	14.5	14.7	14.6	14.9
80	30	15		15	30	80

13.2	13.9	14.2	14.4	14.6	15.8	16.1
50	30	16		18	30	50

13.3	14.0	14.2	14.3	14.3	16.0	16.5
40	30	16		18	30	40

14.32	13.3			16.4	19.32
floor	38.4			40.9	floor
	ground			ground	

13.0	13.2	13.4	13.4	13.9	15.0
40	30	17		18	30

11.87	13.42
56.3	32.2
floor	Dr.
Grav.	

"T" st.

S.E. Cor. Logan + 46<sup>th</sup>  
Invert Elev. - Inlet at

100.84 = I.E. Box - Box is full of Rubbish - cant see pipe sizes

2+65.12 = w.l. 47<sup>th</sup> - Edge of Conc. pave is 28' East  
Curb-ends also Rds on Edge

25.61	25.01	25.29	25.42	25.33	24.95	25.82
Top	20	10		10	20	Top+end
end.	gut.				gut.	cb.
cb.						10' Rad.

2+35

23.2	23.6	23.6	22.4	22.9	23.3	24.6	25.4
Bottom	30.3	30	14		17	30	40
	along						
	wall						

2+11- 29' Rt. = 8' Conc. Dr.

23.20	23.73
29 =	33.5 = floor
Dr.	Gar.

2+02- 29.2' Lt. = 3' Conc. walk thru wall

21.24	21.17	20.4	20.7	21.0	22.4	22.4
39.1	29.2	13		16	30	32.8 = along
walk at						wall
Porch.						

1+87- 28.9 Lt. = end Conc. slab at Conc. Block Wall  
at point.

20.06 =	20.36
Bottom of	28.9
wall	

1+80- 29.3' Rt. = 7' Conc. Dr.

20.94	21.46
29.3 =	43.7 = floor.
Dr.	

BM = spike in SW Pole - T + 47<sup>th</sup> 126.71 =

1+70- 32.3' Lt. = edge Conc. - Building Rock Wall alongside

19.52	19.49	19.1	18.8	19.0	19.1	20.2	20.2
41.1	32.3	30	13		16	30	33.3 = along
Nly.	edge Conc.						House
edge							
conc.							

1+51- 28.7 Lt. = wly - Conc. slab - Dr. to Gar.

19.14	18.57
46	28.7 = Cor.
floor	Conc.
Gar.	

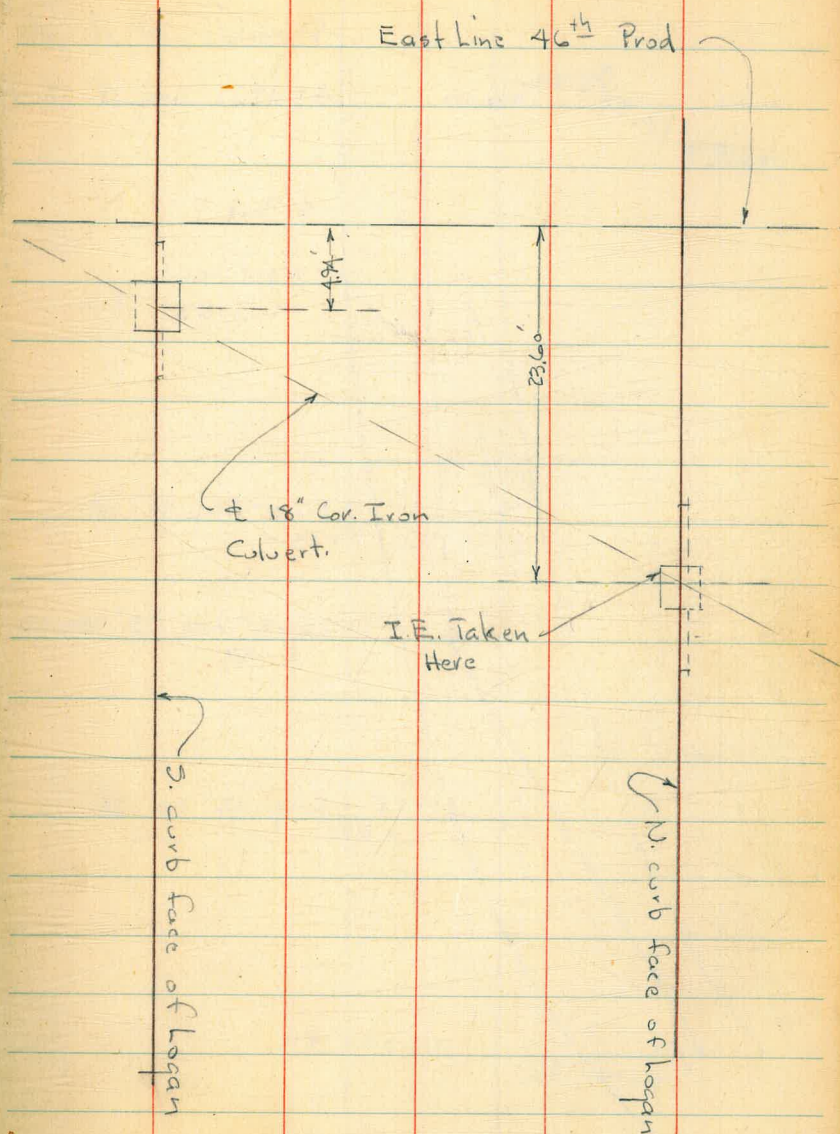
Flow Line (I.E.) of 18" Pipe at N. edge of  
Box in South Inlet (Pipe is 494' along  
curb from E.L. 46<sup>th</sup> prod. S.)

I.E. Pipe 100.98

flow  
OCT 25 1951

I.E. of 18" Pipe at S. edge of Box in N.  
inlet (2360' along cb. from E.L. prod.)

I.E. pipe 101.95





NL. La Mesa Colony ?

14 + 33.07 = spike

Sec P. 8

Mon.

20

4 + 84.73 = Ang. 4° 12' Lt.

= 4 Prod. S.

New loc.

2-4-52 70.

R  
2

Catactin

3 + 00 = Ang. 15° Lt.  
= PK.1 + 85.62 = Ang. 23° 20' Lt.  
PK.1 + 25 = Ang. 12° 30' Lt.  
= PK.

0 + 00 = PK.

0 + 00 = PK.

See P. 76 for loc. of Gas.

Dr.

Catactin

Levels along  $\pm$  of Prop. Sewer in  
Catoctin - Montezuma - N. - See P. 7

# 5751 10-23-51 - 7.0.

W.O. 31992

3+00

2+50

1+85.62 = Ang.  $23^{\circ} 20'$  Lt.

1+50

1+00

0+50

0+04- 60' Lt. = Conn. Pt. at Nly. of House

11+38.67

Set from Pipe at P.C. on La Dorna 445.62 - Book 1865

B.M. - Sw. B.P. - Catoctin & Montezuma 447.98

Lt.

$\pm$

Rt.

72

52.9

53.3

43-at

House

52.3

51.75  
on spike

51.4

51.4

46-at

House

50.8

49.6

51.0

60

ground

48.2

400 Elev.  
Not shown.

Actual Elev. Shown.

8+00

7+50

7+00

6+50

6+05 -

a Dirt Drive along Lot Line  
 2 Houses on Lt. - seem to be facing

5+50

4+84.73 = Ang. 4° 12' Lt.

4+50

4+00

3+50

Lt.

E

Rt.

53.1

53.1

53.2

53.2

53.5

53.1  
 55' at  
 House

53.8

54.16  
 - P.K.

54.0

53.5

53.2

51.7  
 75 = Vac. lot.

53.5  
 113 =  
 at NW Cor.  
 House

51.4  
 265 =  
 NW Cor.  
 House

13+00

12+50

12+00

11+50

11+00

10+50

10+00

9+50

9+00

8+50

H.

£

Rt.

74

51.3

51.2

50.9

49.9  
75 = Vac. lot.

50.6

50.7

51.0

51.6

49.9  
75 = Vac.  
lot.

52.3

52.4  
90 = at  
House

52.6

52.8

Lt.

±

Rt.

# P-173779  
Set B.M. - spike in Pole - Lt. 11+28 451.90

check B.M. on Rock - See 1865 446.64 ✓

14+33.07 = spike on Sub. Line

14+00

13+50

48.53	48.06	48.28	47.56	48.01
Top-end cb.	18.4 gut.	= spike	17.8 gut.	Top-end cb.
		487		
		502		

Location of Gas Main - from New loc.

Loc. by finder should be accurate to 6"

See sketch - P. 71

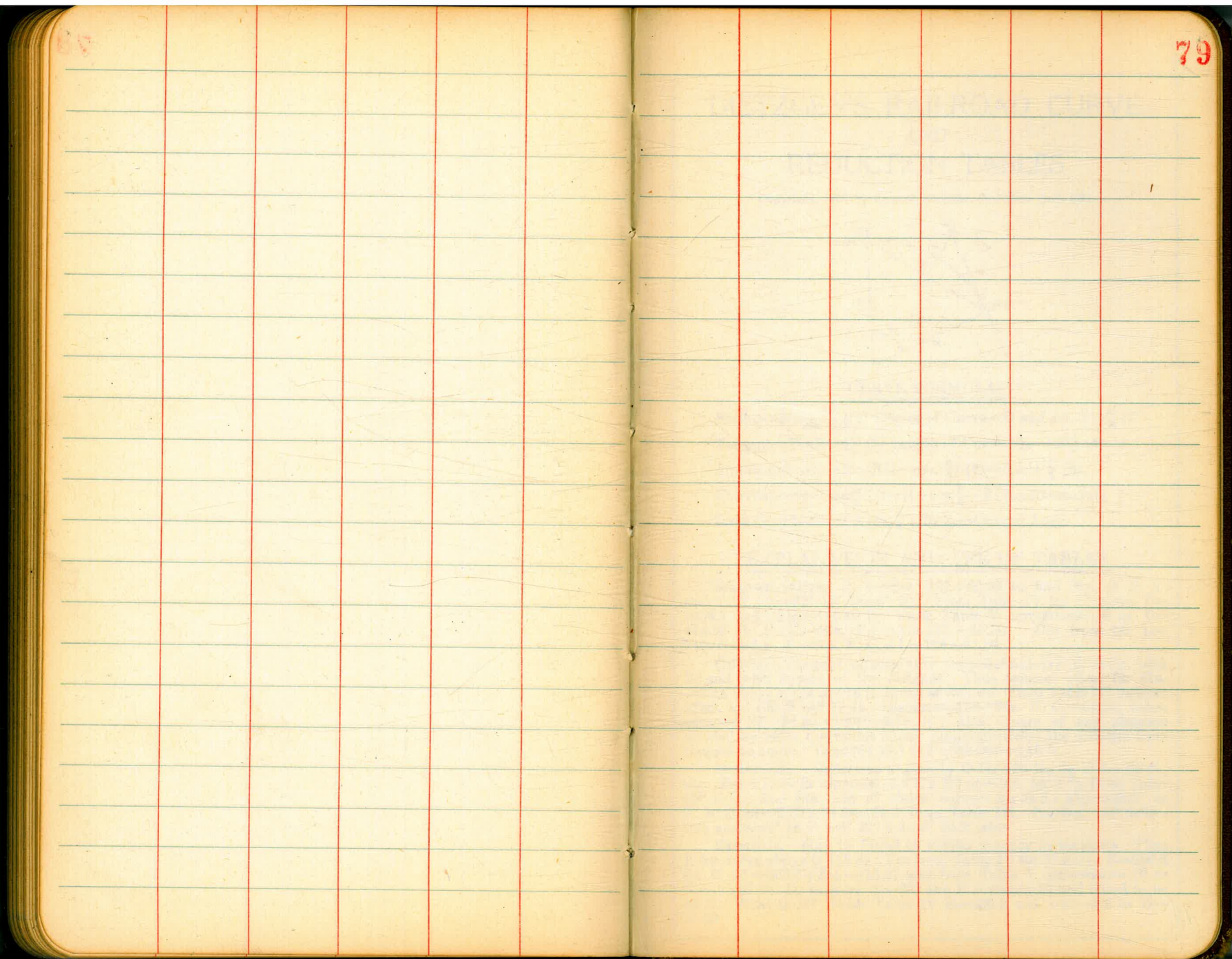
Seems to clear from Here N.

5+47	5'	Lt.
5+00	5.1	Lt.
4+50	3.4	Lt.
4+01	3.3	Lt.
3+65	4.5	Lt.
3+37	6.8	Lt.
3+10	9.2	Lt.
2+67	6.8	Lt.
2+39	5.2	Lt.
2+05	4.1	Lt.
1+79-	4.8	Lt.
1+25-	- 8.6	Lt. on split
1+00 =	- 6.5	Lt.
0+45 =	= 4.9	Lt. - closest.
0+00 =	Gas = 6.4	Lt.





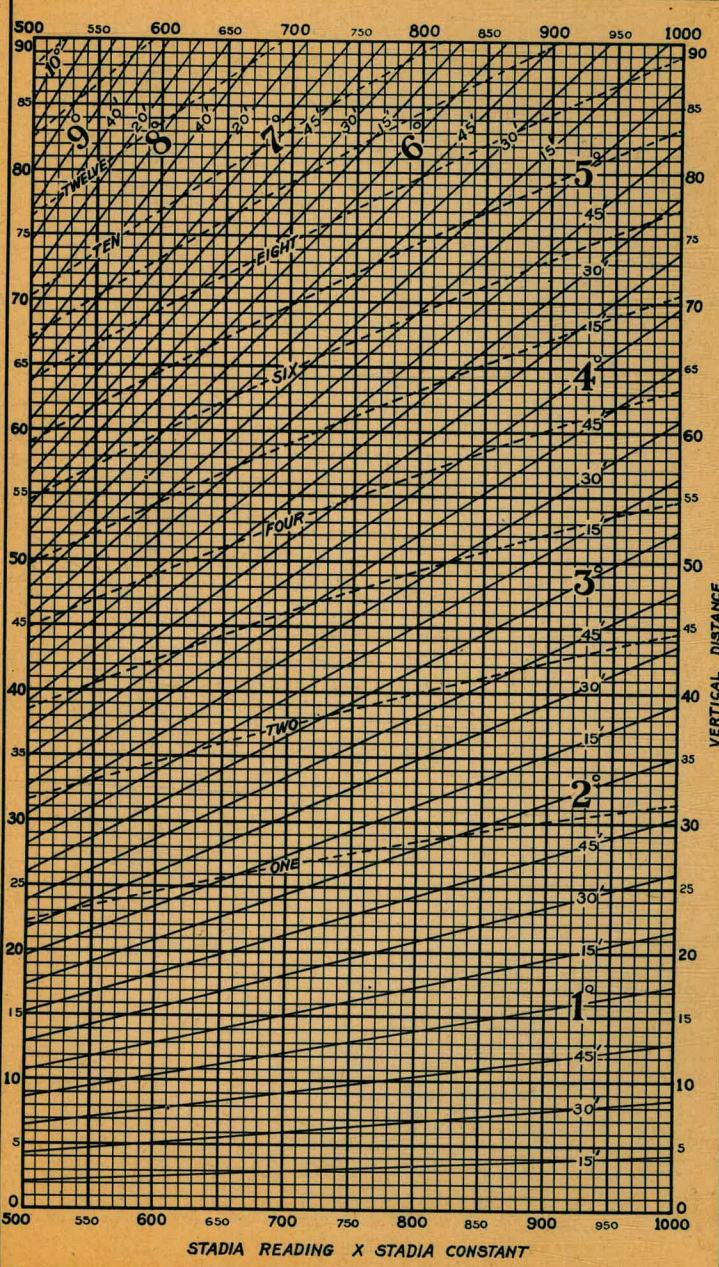
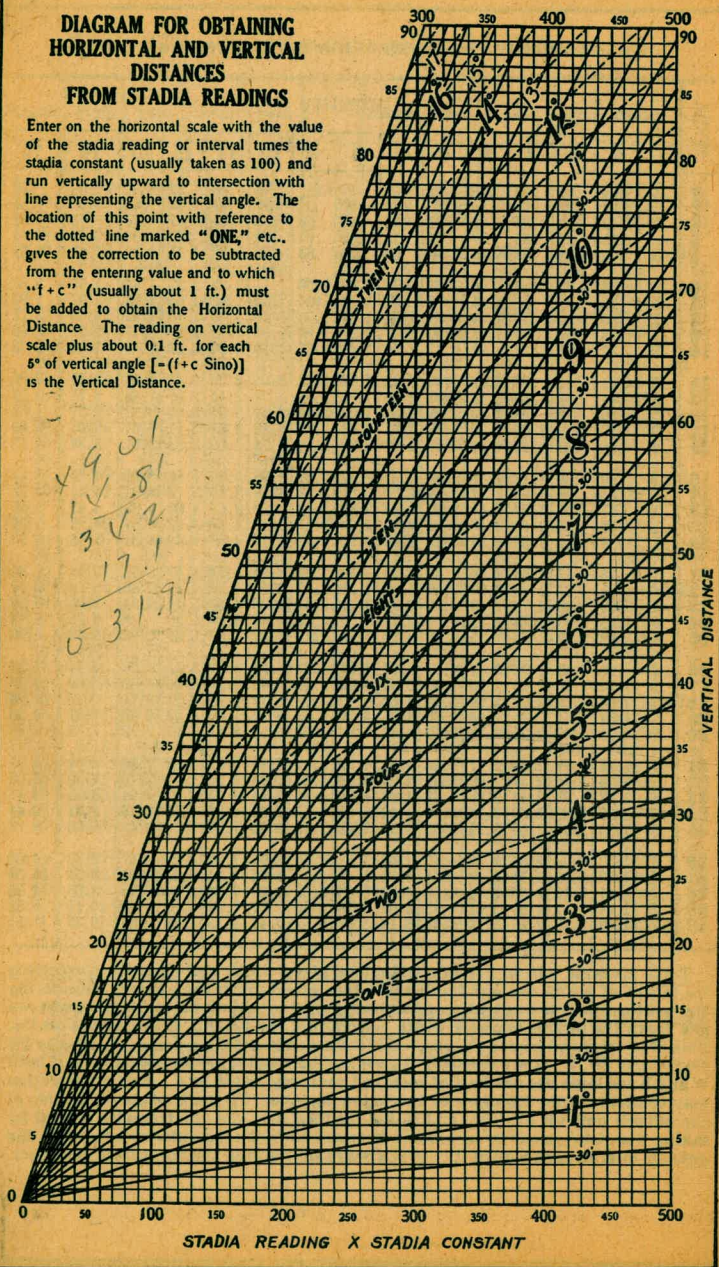




**DIAGRAM FOR OBTAINING  
HORIZONTAL AND VERTICAL  
DISTANCES  
FROM STADIA READINGS**

Enter on the horizontal scale with the value of the stadia reading or interval times the stadia constant (usually taken as 100) and run vertically upward to intersection with line representing the vertical angle. The location of this point with reference to the dotted line marked "ONE," etc., gives the correction to be subtracted from the entering value and to which "f+c" (usually about 1 ft.) must be added to obtain the Horizontal Distance. The reading on vertical scale plus about 0.1 ft. for each 5° of vertical angle [ $-(f+c) \text{ Sino}$ ] is the Vertical Distance.

4901  
1081  
342  
171  
-----  
53191



332.4160758  
 134.55  
 198.10  
 791.14  
 4526.7  
 438.54  
 1122.83  
 846  
 1212.7  
 143 30  
 7786.31  
 10 78.28  
 7786.31  
 2.4197  
 447.85  
 14 33.07  
 4 84.73  
 9 48.34

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  $41.9 + (20 - 16) \div 2$  or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

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