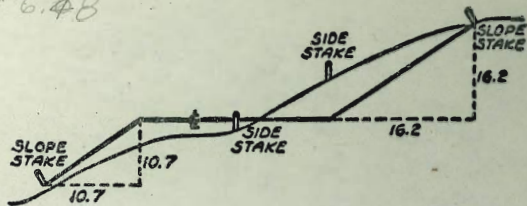


2309

1911-ACT X-SECT.

FRANK BINK

176.48



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

0.6 slope
0.2 slope 50.1
0.2 slope 62.1

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	1.93	2.30	2.68	3.06	3.44	3.84	4.24	4.64	5.05	5.46
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.032	.037	.043	.049	.053	.057	.061
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.617	.707	.797	.877	.977	1.07	1.18	1.29
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

alley
X-Sec / (32K 43 - W.D. Harbert's)
7-Sec 53d, San Jacinto & Sta Margarita

2
10

Dawes

45

CROSS SECTION ALLEY BLK. 43

M.P. HERBERTS SUB.

BETWEEN MERDE AND EL CATON
36TH & CHEROKEE

Walker
Pope
Bryton
Morales
9-7-53

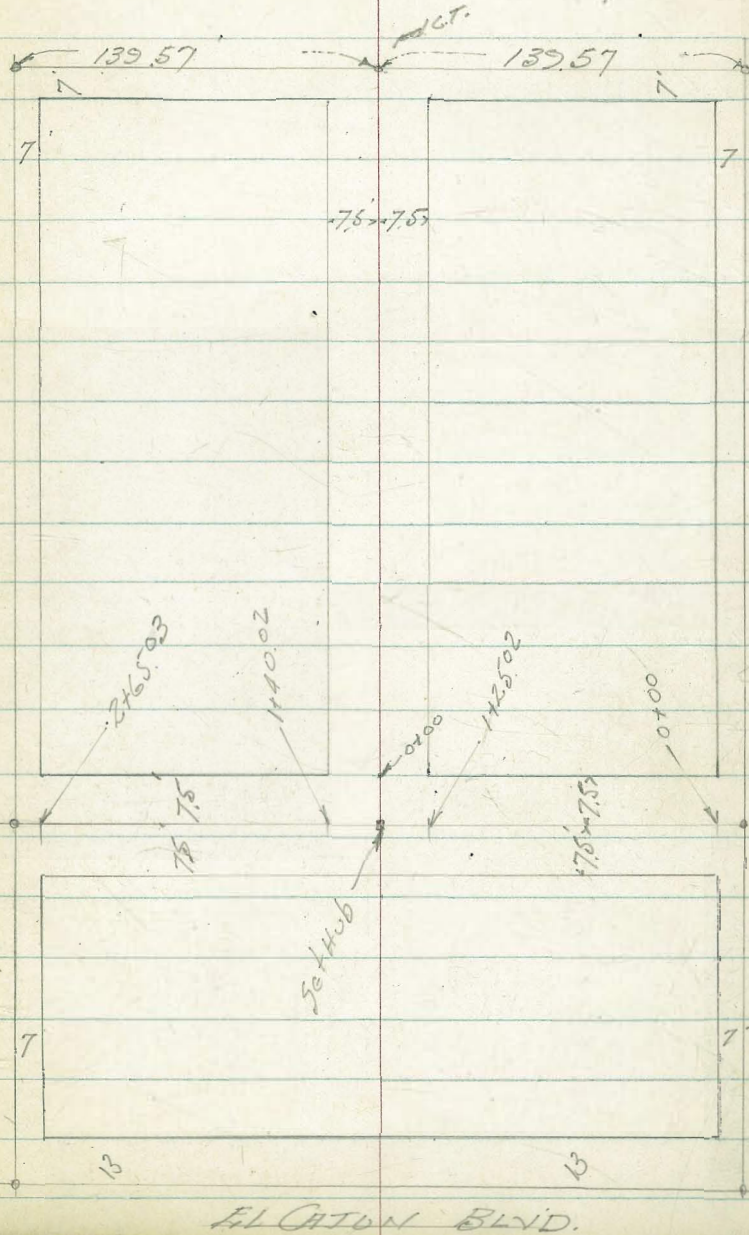
NO 32252

Stations are taken in
same order as original
Cross Sections per 18 58/
49

INDEXED

APR 8 1953

MERDE AVE.



EAST AND WEST ALLEY BLK 43

Lt. 3 Rt. 3

0+67 = N edge Dble Cur

38043 38066
125 166
Toe Conc. Floor.
Apron

0+91 = End 7.3 Lt
0+53 = Beg 5' Board Fence 7.3 Lt.

0+52 = Beg. two Car Garage

38036 38058
12.2 16.2
Toe Conc. Floor.
Apron

0+50

3800 3799 3801 303 38033
92 75 75 10.5
at House on Walk

0+25

3796 3796 3794 3795 3799 3798 3799.8
92 75 6 75 10.4 10.4
at House Walk

0+00

37900 37890 37878 7907 37919
71 71 74 74
cb Gut Gut cb

0-12 = N cb Cherokee

37817
50

757 37876 37826 37832 37832 849 850 841 37901 955
50 10 10 Gut 75 9.2 Gut 50 50
Gut cb Direct Elev Rod used Gut cb

FB 581-49

376.16

B.M. S.V. B.P. FL CATON & CHEROKEE

EAST AND WEST ALLEY

Lt.

2

Rt 5

TP on Hub 143252

381.22

2+77 Cont.

379.98 379.61
9.3 50 9.3 50
cb. curb. cut cut

380.66 381.06
50 50
cut. cb.

2+77

380.27 379.92 379.91 379.98 380.17 380.20 380.66
9.3 9.3 7.5 7.5 10 10
cb cut cut cut cut cb.

2+65.03 = E Line

380.64 380.61 380.41 380.20 380.56 380.70
7.5 7.4 7.4 7.2 7.2
Ac. Pav. cb cut cut cb.
oil stu.

2+50

381.03 381.20 381.32 381.01 381.2 381.6
2.5 14.5 7.5 7.5 12
Pav Pav. Pav. ing.

2+30 = Beg AC Pav. ing oil stu. yard

381.48 381.8 381.68 381.5 381.5 381.8
2.5 17 7.5 7.5
Pav. Pav. Pav.

2+29 = Pole #1 3618 74'4"

2+00

381.9 381.8 381.7 381.6 381.6
15 7.5 7.5 12

CROSS SECTION ALLEY - North & South
 Block 43 - W.P. Herberts Sub.
 Sketch P-2

Lt. E Rt. 6

1+47 = Pole JPA #4347 5' Lt.

3834 3829 3827 3827 3820
 30 75 75 10

1+15

3824 3825 3823 3823 3827
 10 75 75 5

1+01 = Beg 5' Picket Fence 7' Lt.

0+90

3826 3821 3819 3819 3824
 15 75 75 15

0+70 = Beg Fence 7' Lt.

0+70 = End

7' Lt.

0+52 = Beg Garage St Ent.

7' Lt.

0+50 = End Fence 7' Lt.

3816 3814 3814 3818 3818
 75 6 75 15

0+20

3815 3810 3810 3810 3813
 15 75 75 15

0+21 = Pole JPA 4327 4.8' Lt.

0+06 = Pole Anchor 4.8' Lt.

E+W

0+00 = N. Ave Alley

3813 3813 3811
 75 75

North to South Alley

Lt.

E.

Rt. 7

2+46 = 1/2 Power Pole # JPA 4865 62' Lt

2+32 = 1/2 Garage on Lt. Conc. Floor

384.50 384.2 384.2 384.0 384.1 384.4
11.7 7.5 7.5 10. 12
Conc. Floor

2+08 = 1/2 Garage on Lt. Conc. Floor

384.39 384.1 384.2 383.8 384.0
12 7.5 7.5 15
Conc. Floor

2+00 = End Picket Fence 72' Lt

1+75

383.8 383.4 383.3 383.0 383.5 383.5
15 7.5 7.5 10 25
on yard lawn

1+60 = 1/2 Small Drainage ditch in yard

382.9 382.9 383.5
10 25 25
Ditch Ditch yard
Δ

Small Drainage
1+50 = 1/2 Ditch in yard

382.8 382.9 382.9
10 20 10
Ditch Ditch Ditch

1+40 = 1/2 10.5' Conc. Slab

383.38 383.37
15
Conc. Conc.

North & South Alley

LH

L

RH

8

3+52 = Beg Conc. Slab

386.76
8

3+48 = Beg. Conc. Walk, Parallel to Alley.

3+48 = End Conc. Apron

386.76 386.52 386.48
20 107 8.2
Conc. Conc.
Walk Apron

3+43.3 = Garage

386.26
23.8
Conc. Floor

3+36 = Beg Conc. Apron to Garage

T.P.

386.93

387.06 386.47 386.0
19.7 8.1
Conc. Conc.
Apron Apron

3+25 = 2 Rows Pole JPA 4379 664

3+07 = Garage on Rt. Conc. Floor,

385.7 385.5 385.3 385.0 385.28
15 7.5 7.5 12.7
Conc.
Floor

2+67.8 = 3' Conc. Walk

384.6 384.4 384.5 384.4 384.81
20 7.5 7.5 10
on
Walk

Cross Section North & South Alley
 Blk. 43 W.P. Herbert's

Lt. INDEXED RT 9

38554
 50
 cb

4+62.27

38616
 50
 cb.

38575 38590 38553 38555 ³ 38551 38549 38542 38600 38520
 50 10 10 75 7.5 10 10 50
 cb cb Gut Gut cb Gut

CHK w Top cb
 F.B. 581
 T.P. 55

0.01
 38613
 38612

4+50.27 = Stone Meade Ave

38613 38584 38585 38596 38630
 74 74 71 71
 Top cb Gut Gut

4+45 = 2 Pole Anchor 7.1' ft

4+25 = 2 Pole JPA 4395 6.6' ft

38609 3868 3864 3866 3866 3866
 126 7.5 5 7.5 10.4
 Walk at House

3+84 = End Conc. Apron

38677 38661 3866 3862 3867
 14.4 10.3 0 7.5 11
 Conc. Apron

= End Conc. Walk, Parallel to Alley

3+75.8 = Beg Conc. Apron

38682 38671 38662 38655
 14.1 14 11 10.5
 Floor Apron on Walk Conc. Apron

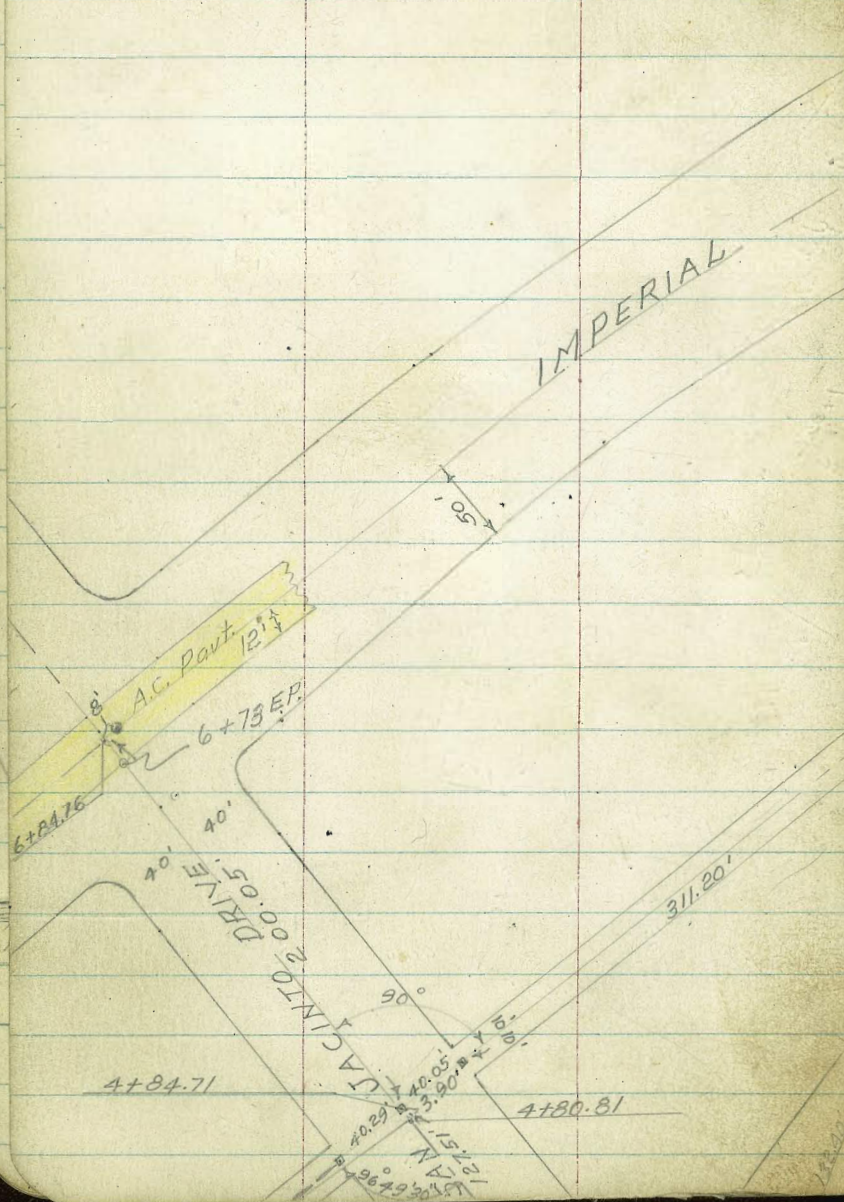
3+72.8 = End

38674
 8
 Conc. slab.

3333

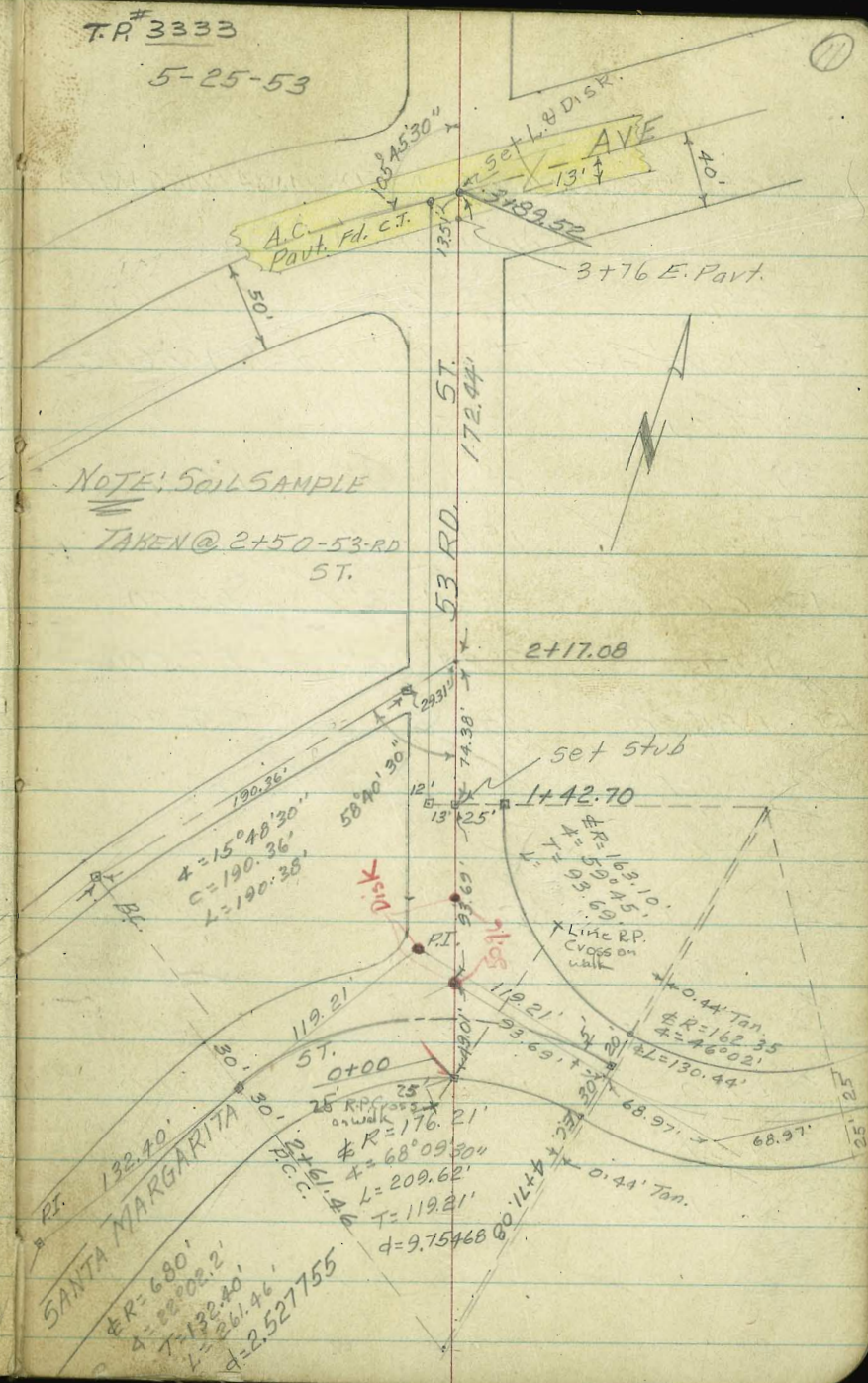
5-25-53

CROSS SECTIONS BASELINE SKETCH CONTD.



NOTE: SOIL SAMPLE

TAKEN @ 2+50-53 RD ST.



CROSS SECTIONS CONTD. SANTA MARGARITA

5-26-53

CURVE DATA

Sta.	Def \angle	Chord
$R=1380'$, $\Delta=8'16''$, $L=199.11$ $d=1.24556/ft.$		
B.C. Lt. 2+86.09	0° 00'	0.0
3+00	0° 17' 19"	13.91
+50	1° 19' 36"	50.00
4+00	2° 21' 53"	50.00
+50	3° 24' 10"	50.00
E.C. +85.20	4° 08'	35.20

$R=680'$, $\Delta=22'02''12'''$, $L=261.46$ $d=2.527755$		
B.C. Rt. 0+00	0° 00'	0.0
+50	2° 06' 23"	50.00
1+00	4° 12' 47"	50.00
+50	6° 19' 10"	50.00
2+00	8° 25' 33"	50.00
+50	10° 32'	50.00
P.C.C. +61.46	11° 01' 06"	11.46

CROSS SECTIONS SANTA MARGARITA ST. CONTD.

5-27-53

CURVE DATA

$R=176.21' \Delta=68^{\circ}09'30'' L=209.62' d=9.75468$

Sta.	Def Δ	Chord
P.C.C.Rt. 2+61.46	0°00'	0.0
+75	2°12'05"	13.52
3+00	6°16'	24.90
+25	10°19'50"	"
+50	14°23'40"	"
+75	18°27'32"	"
4+00	22°31'25"	"
+25	26°35'22"	"
+50	30°39'08"	24.90
EC. 771.08	34°04'45'	21.04

CROSS SECTIONS SAN JACINTO ST.

5-27-53

CURVE DATA

Sta	Def \angle	Chord
$R = 540.54'$ $\Delta = 25^{\circ}06'$ $L = 236.80'$ $d = 3.179917$ B.C. Lt.		
1+20.40	0° 00'	0.0
+50	1° 34' 08" \checkmark	29.60
+75	2° 53' 37" \checkmark	25.00
2+00	4° 13' 07" \checkmark	"
+25	5° 32' 37" \checkmark	"
+50	6° 52' 07" \checkmark	"
+75	8° 11' 37" \checkmark	"
3+00	9° 31' 07" \checkmark	"
+25	10° 50' 37" \checkmark	25.00
E.C. +57.20	12° 33'	32.20

INDEXED

JUN 3 1953

CROSS SECTIONS SANTA MARGARITA FROM
CHURCHWARD TO 53 RD. ST. W.O. 32107

6-1-53

NOTE: for N.W. Ret. & N.E.
Ret. @ Churchward &
Santa Margarita
See Pg. 27 Levels Taken with direct Reading Rod

T. Stamper
J. Huffman
R. Shorey
A. Sherry

(15)

Sta	Elev.	Lt.	Rt.
1+10 East End Curb		180.68 20'	180.0 20'
1+10 10" P.P. on Lt # 278560		cb	Gut
1+09 East End S. Walk			(dirt)
		236 P.P.	
		180.86 27'	180.82 22'
		180.73 20'	180.0 20'
		Back S.W. S.W.	cb Gut (dirt)
1+00		181.28 27.8	181.24 22.8
		181.18 20	190.6 20
		180.5	179.8
		180.3	181.45
		0	20
			E. Pavt.
		180.2 47	181.1 30
0+62.74 Sec. @ E. Edge Pavt (Cons)		185.42 75'	184.69 75'
		183.69 38	182.58 0
			181.23 50
			179.91 100
			179.30 141'
			179.91 141'
		cb Gut	E.P. TOP SW
0+41.83 Gutter Sec.		186.96 135'	186.26 135'
		185.73 100'	184.62 50
			183.14 0
			181.84 50
			180.49 100
			179.40 150
			179.06 181'
			179.91 181'
			179.3 Gut
			179.3 Gut
			@ Ret B.C.
0+00 Sec Along Churchward		187.24 200'	186.69 150
B.M.	184.57	185.80 50	184.57 0
B.M.	189.45	183.14 50	181.74 100
	$\frac{1712}{15}$	180.43 150	179.77 200
		L.T. @ Churchward & Santa Margarita Jan. Intersection	
		c.T. Intersection of Tangents Churchward & San Jacinto St's.	

179.40
250

6-1-53

X-SEC'S SANTA MARGARITA ST. CONTD.

Lt

⊕

Rt

Sta.

Elev.

0+92 Beg. Board fence on Lt.

30

0+92 End Conc. Ramp 2-car gar.

180.15 180.67
42' 27'

Top Conc. Top Conc.
Floor Ramp

End Conc. Block Ret Wall
0+76⁵ Begin Conc. Ramp to 2-car gar.

180.11 181.20 180.44
43' 36' 28'

Top Conc. Top Conc.
Floor Ramp

0+50

178.8 181.33 180.7 180.5 181.3 181.8 183.0 186.9 189.0
29 28' 28 18 0 19 22 30 50
Top wall

0+25 10" P. Pole on Rt. # 277364

178.7
50

23' 2
P.P.

B.C.

0+00 Begin Conc. Block Ret Wall 12' Hi.

177.0 179.92 178.0 178.0 179.3 179.4 180.0 180.4 185.1 188.2
50 31' 31' 22' 0 15 17 21 30 50

Top Ground
conc
Block
wall

0-25 on Tan.

175.1 175.2 176.3 178.1 178.2 178.8 179.5 183.8
50 41 23 0 12 14 24 35

T.P. Begin Conc. Block 174.82

185.9
50

4+99.20 4' Walk on Rt. on line of
Chord Produced

174.0
0

174.4
22

176.51
31

Top & Conc
Walk.

6-1-53

X-SEC'S 53-RD. ST. CONTD.

Lt. & Rt.

Sta.

Elev.

NOTE: See Closure Check on Pg. 38

B.M.

o.k. ✓
155.18 ~

1712 (see Pg. 38)
55
155.27 C.T. & Sandacinto & Imperial Ave

T.P.

159.20

Approx 300 W/ly & 53-rd St.
N/ly Side P.P. on S/ly Side Imperial #77441

Top Rim S.D. G. & E. M.H. ~ 153.83 ~

153.90 $\frac{1712}{26}$

B.M.

154.84

Top L. & T. & 53 RD & IMPERIAL (set in Conc.)

3+89.52 & Imperial Ave (see sketch)

155.21 155.09 154.97 154.83 154.95
100 50 50 100

3+76.91 Edge Pavt Imperial Ave
(see sketch)

155.03 155.00 154.90 154.72 154.62 154.71 154.76
100 55 30 25 50 100

5-28-53

T.A. Stamper

(27)

CURB RETURNS CHURCHWARD & SANTA MARGARITA

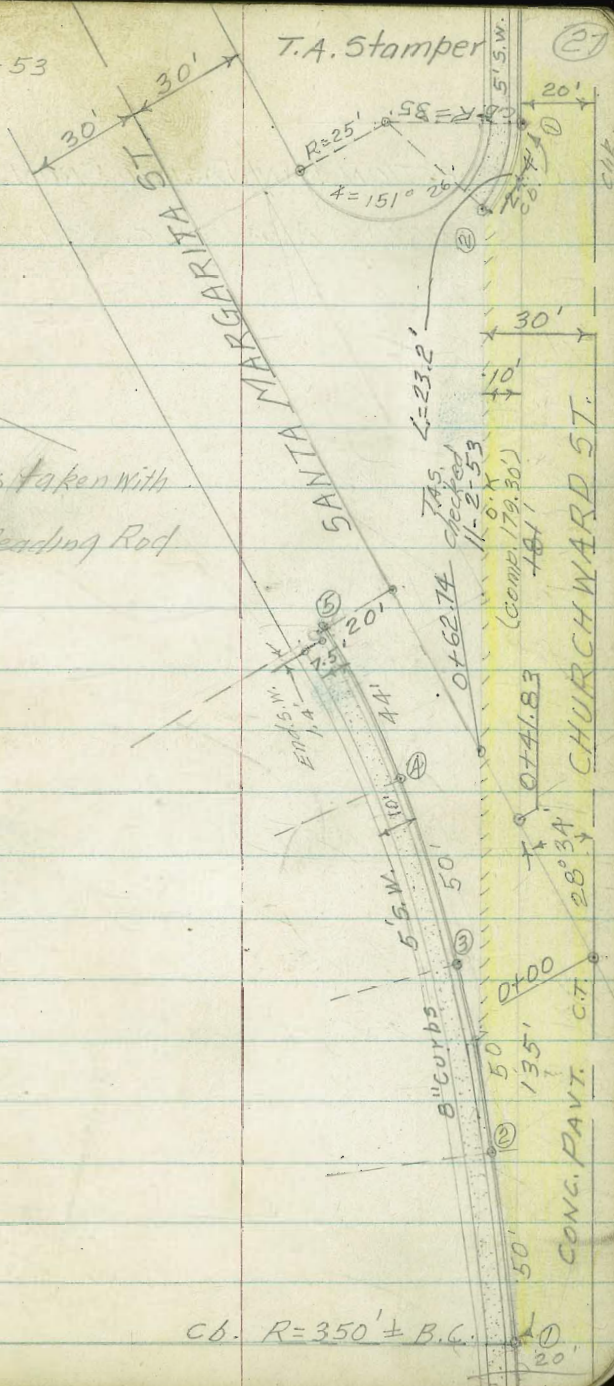
N.W. RETURN
Elevations

Sta.	Gutter	Top cb.	Front S.W.	Back S.W.
B.M.				(see Pg. 15) 189.45
①	186.26	186.96	186.95	186.94
②	185.37	186.09	186.12	186.16
③	184.00 (Dirt)	184.59	184.65	184.67
④	182.4 (Dirt)	182.68	182.73	182.86
⑤	180.0 (Dirt)	180.68	180.82	180.86

N.E. RETURN

①	179.08	179.52	179.74	179.94
②	179.30	179.86	179.91	179.85

NOTE: Levels taken with
direct Reading Rod



cb. $R=350' \pm$ B.C.

INDEXED

JUN 3. 1953

CROSS SECTION SAN JACINTO FROM CHURCHWARD

TO IMPERIAL AVE W.O. 32107

Sta

Elev.

6-1-53

 Stamer
 X Huffman
 + Shorey
 + Sherry

(28)

Lt.

±

Rt.

 NOTE: Levels Taken With direct Reading Rod
 For Curb Returns See Pg. 39

0+60 End A.C. Patch on Lt. Gut.

 188.49 188.00 189.1
 27° 26° 14°
 Top Gut A.C.
 berm

0+34.5 Edge A.C. Patch ±

189.00

0+28.9 Edge Pavt. (conc. A.C. Covered)

See Sketch

186.67	186.91	186.62	187.78	188.28	188.87	191.07	191.77
50.2	49	49	24	10	20	43	43
Top A.C.	Gut			Top A.C.	Edge A.C. Patch	Gut	Cb.
Cb Berm							

0+20.5 Gut.

184.95	184.40	186.11	185.98	187.31	188.24	190.15	191.44	192.11	192.04	192.62
100°	100°	74°	74°	35°	30°	59°	59°	75°	75°	
Cb Gut	Cb Gut					Gut	Cb	Gut	Cb	
		B.C.				B.C.				

0+00 Sec. Along ± Churchward (see sketch)

 184.90 187.17 189.45 191.63 193.72
 100 50 0 50 100

B.M.

189.45 (see Pg. 15)

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD

Lt. & Rt.

3400

173.8 174.0 174.3 174.9 176.3 177.7 178.6
70 52 26 0 27 52 73

2473

175.6 176.1 175.6 176.4 177.4 178.5 179.7
55 29 23 0 18 43 63

T.B.M.

178.83

Spike E. Side P.P. No B-277362 ON Lt. Opp. Sta 2+45

2+56 8" Tel Pole on Lt. #57368H

406
Guy Pole

2450

177.4 177.4 177.6 177.2 177.8 178.7 179.6 180.6 183.9 186.5
62 443 27 24 0 70 26 43 51 67

@Waven
Wirefence

2+50 Guy Pole No 573623H ON Rt.

344
Guy Pole

2+45 14' P.P. ON Lt. No B277362,

283
P.P.

2+43 Deadman Guy on Lt.

356
deadman
292
deadman

2+29 Deadman Guy on Lt.

2+25

178.9 179.0 179.4 178.6 179.5 179.8 180.8 182.8 185.2
57 397 28 24 0 0 29 35 57

@Waven
Wirefence

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD

Lt. & Rt

Sta. Elev.
T.P. 170.40

4+04 10" P.P. on Lt. No P-277363

330
P.P.

4+04 End 4' Conc Blk Wall Begin Conc Planter Box 2' High (nat.)

171.0 174.68 172.25
42° 42° 43°
Grd. Top. End Conc Top Planter
Blk Wall Box Wall
(top)

4+00 Begin Conc Blk Ret Wall 4' H.

168.4 168.4 162.5 166.9 167.6 168.5 172.0 174.46 175.0
70 53 27 24 0 29 43° 43° 57
Top
Wall

3+88 Deadman Guy on Lt.

322
deadman

3+83 3' Wide Conc Steps To House #121

171.25 174.45
34° 42°
Top Conc Top Step Elev.
Steps

E.C.
3+57 20

171.0 171.1 170.7 169.6 170.6 171.3 172.0 175.3 176.8
70 47 26 23 0 26 32 44 62

3+25

172.3 172.5 173.0 171.8 173.1 175.5 177.2 178.5
66 47 27 23 0 37 59 75

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD

Lt.

±

Rt.

Sta.

Elev.

4+16 End Conc Walk on Lt.

4+28 Dead man Guy on Lt.

4+18 Beg. Loose Conc. Flagstone Wall on Lt.

	33±
166.66	166.4 Deadman
34°	34°
Top Wall	Ground

4+18 End Conc Slab on Lt.

166.11	165.77
29°	22°
Conc Slab	Conc Slab

4+15 ± 2.5' Conc Walk To House No 138 on Lt.

167.21	166.66
44°	34°
on Walk	Top Conc. Walk

4+06 End Conc Planter Box on Rt.

171.1	172.25
42°	42°
Ground	Top Planter Box

4+05 Begin Conc Slab to Drive on Lt.

166.54	166.61
30°	22°
End Conc Slab	Slab.

4+04 Begin Conc Blk Wall Lat. 1' High Lt.

168.35	166.8
33°	33°
Top Conc Blk Wall	Ground

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD

Lt. ♀ Rt.

Sta. Elev.

4+62 End Conc Blk Ret Wall on Rt

165.0 169.66
40.3 40.3
Ground Top Wall

4+58 Begin Conc Blk Ret Wall on Rt.

165.8 169.65
40.3 40.3
Ground Top Wall

4+50

166.5 166.0 164.5 163.9 164.3 164.8 165.7 169.5 170.0
67 34.5 34 23 0 27 32 40 55
Top Wall (Flush) @ Bldg

4+48 Begin Stone Wall on Lt.

166.42 165.0
34.5 34.5
Top Wall Ground

4+46 ♀ Conc Walk 3' Wide

166.69 165.10
39.2 34.5
Top Conc S.W. Top Conc Stoop

4+44 End Stone Ret Wall on Lt

166.86 165.1
34.5 34.5
Top Wall Ground

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD.

Lt ± Rt.

Sta. Elev.

5+98 ± 2' Conc Walk on Lt.

157.70
39 ±
± Conc Walk

5+83 Begin Conc Block Ret Wall on Rt.

159.1 159.78
40 ± 40 ±
Ground Top Wall

5+83 End Conc Ramp 2-Car Gar on Rt.

158.95 160.69 160.99
39 ± 53 ± 63 ±
Conc Ramp Break in Conc Conc Floor Key

5+67 Begin Conc Ramp To 2-Car Gar on Rt.

159.29 160.83 160.96
39 ± 54 ± 63 ±
Conc Ramp Break Conc Floor Level

5+50

159.9 160.0 159.5 158.9 159.0 158.7 161.3 161.5
60 50 27 24 0 29 38 60.

5+27 Deadman

29 ±
Deadman

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD
Sta. Elev.

Lt.

±

Rt.

6+54 Fire Hydrant on Rt.

592
F. Hyd

6+50

156.1 156.1 155.6 155.8 155.7 156.1 155.8
50 31 20 0 31 35 58

6+38 Deadman Guy on Lt.

372
Deadman

6+35 End N. face conc Blk Wall on Rt.

157.5 159.74
55 55
E.C. E.C.
Ground Top Conc
Blk Wall

15' R ±

6+20 B.C. Conc Block Ret. Wall on Rt.

157.7 159.77
40.3 40.3
Ground Top Conc
Blk wall

6+00

157.9 157.6 157.0 157.2 156.7 157.1 158.4 159.73
50 38 21 0 27 28 40 40.5
Ground Top
1582 159.3 Wall
41 53+ @ Bldg

6-2-53

X-SEC'S SAN JACINTO DRIVE CONTD.

Lt. & Rt.

Sta

Elev.

B.M.

155.20 ~ -155.18 (see Pg. 26)
C.T. & Imperial & San Jacinto

(see sketch)

6+84.76 Sec. on & Imperial Ave.

155.75 155.20 155.20 155.55 156.04
100 50 0 50 100

(see sketch)

6+73 5/4 Edge Part Imperial Ave.

155.88 155.30 155.18 155.51 155.94
100 50 0 50 100

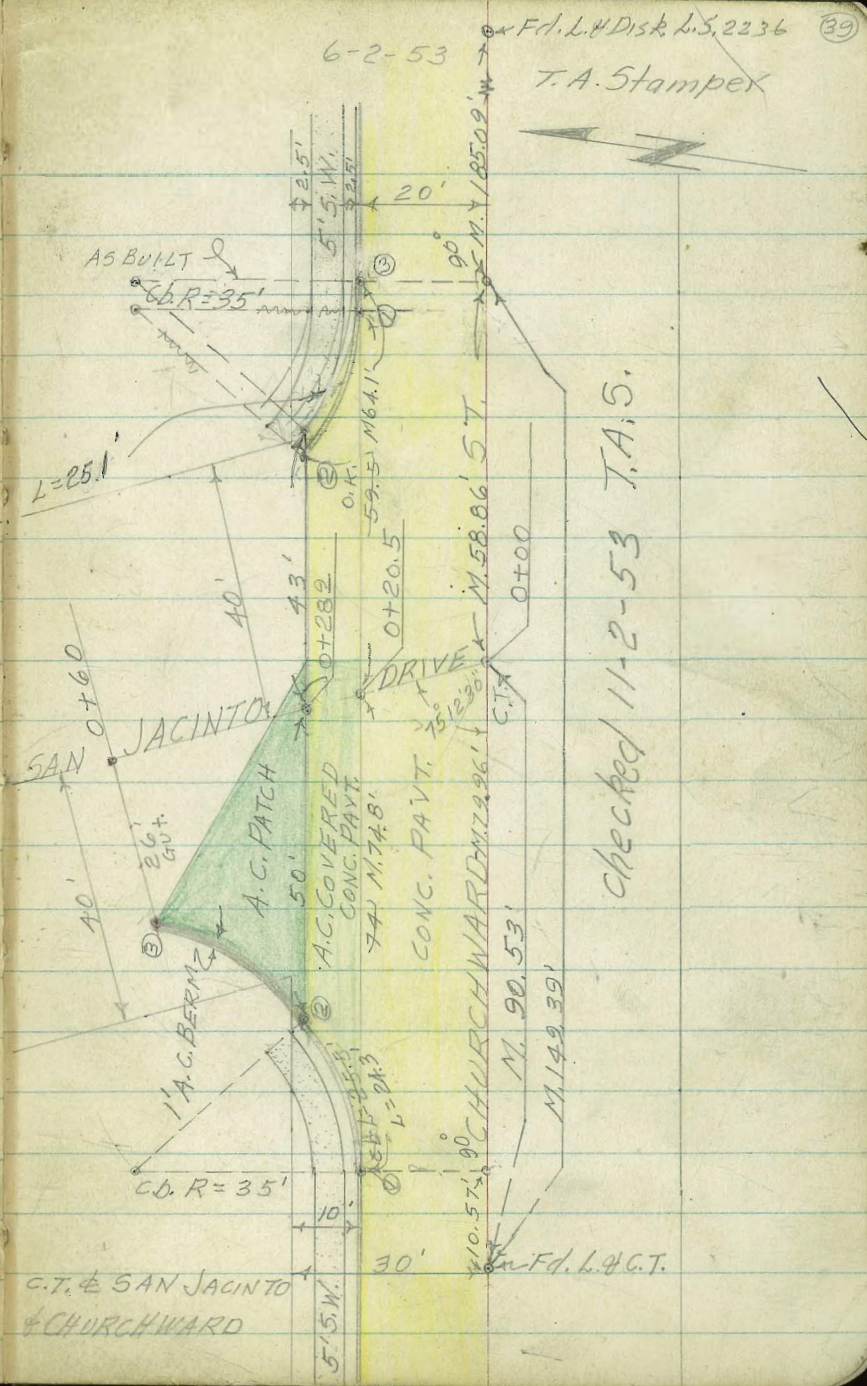
6+59 12" P. Pole on Lt. # P77439

41 1/2
P. Pole

X-SEC'S SAN JACINTO DRIVE CONTD

Sta. Elev.
Sta. Gut. Top cb Front S.W. Back S.W.

N.W. RETURN				
Sta.	Gut.	Top cb	Front S.W.	Back S.W.
①	185.48	186.12	186.15	186.23
②	186.61	186.67	186.65	186.69
Top AC Berm				
③	188.00	188.98		
N.E. RETURN				
①	191.45	192.12	192.26	192.35
②	191.07	191.77	191.81	191.91
③	191.67	192.22	192.28	192.42
B.M.				189.45



41.2
43.5
5.7

LT. E RT.

57.89

17.4 RT E Pole # 170139

5750

141.2	140.7	138.3	136.5	136.6	138.3	139.0	139.7
7.7	+1.2	1.2	3.0	2.9	1.2	0.5	+0.2
40	30	25	20		25	28	40

TP

1.20 139.52 12.40 138.32

5700

142.1	142.1	139.6	138.2	139.52	139.3	140.6	140.8
8.8	8.8	11.1	12.5	12.3	11.4	10.1	9.9
40	39	25	17		25	30	40

4450

143.7	143.7	142.3	140.5	141.1	141.7	142.8	143.1
7.0	7.0	8.4	10.2	9.6	9.0	8.6	7.8
40	30	25	17		20	25	30

4400

146.3	144.1	143.3	143.7	144.1	144.1	144.8
4.4	6.6	7.4	7.0	6.6	6.6	5.9
30	25	22.5		25		30

3498

16.9 RT E Deadman

3477

16.3 RT E Pole JP77613

3468.47 = N. LINE GROVELAND

146.7	146.00	145.80	145.0	145.2	145.5	145.5	145.9
4.0	4.7	4.9	5.1	5.5	5.2	5.2	4.8
50	25	23	21	20		25	50

3449.2 = E M.H

3443.47 E GROVELAND (GRADED DIRT SURFACE)

146.2	146.4	146.2	146.5	146.1	146.2	146.2
4.5	4.3	4.5	4.2	4.6	4.5	3.5
100	50	25		25	50	100

LT. E RT.

chk 633 13319-13314 = Cen. Man 13' 11" 53' 1/2" E NARANTA
50' mark

8+10 - Bot of Canyon (XX South center)
48.53' 1/2" interval

7+58

7+08.90 26.5 LT E 18" Corrug Pipe

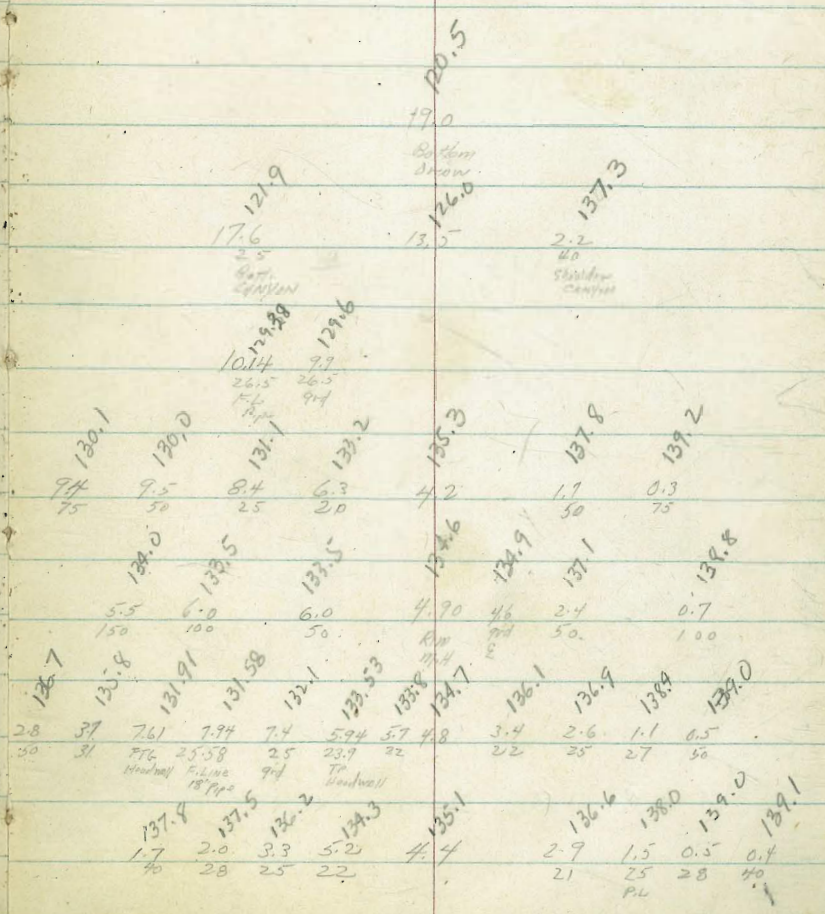
7+08.43: N Line NARANTA

E M.H.
6+78.43: E NARANTA

6+48.43: { 25.58 LT E 18" Corrug Pipe (see sketch)
S Line NARANTA

6+22 16.9 RT E roadman

6+00



139.52

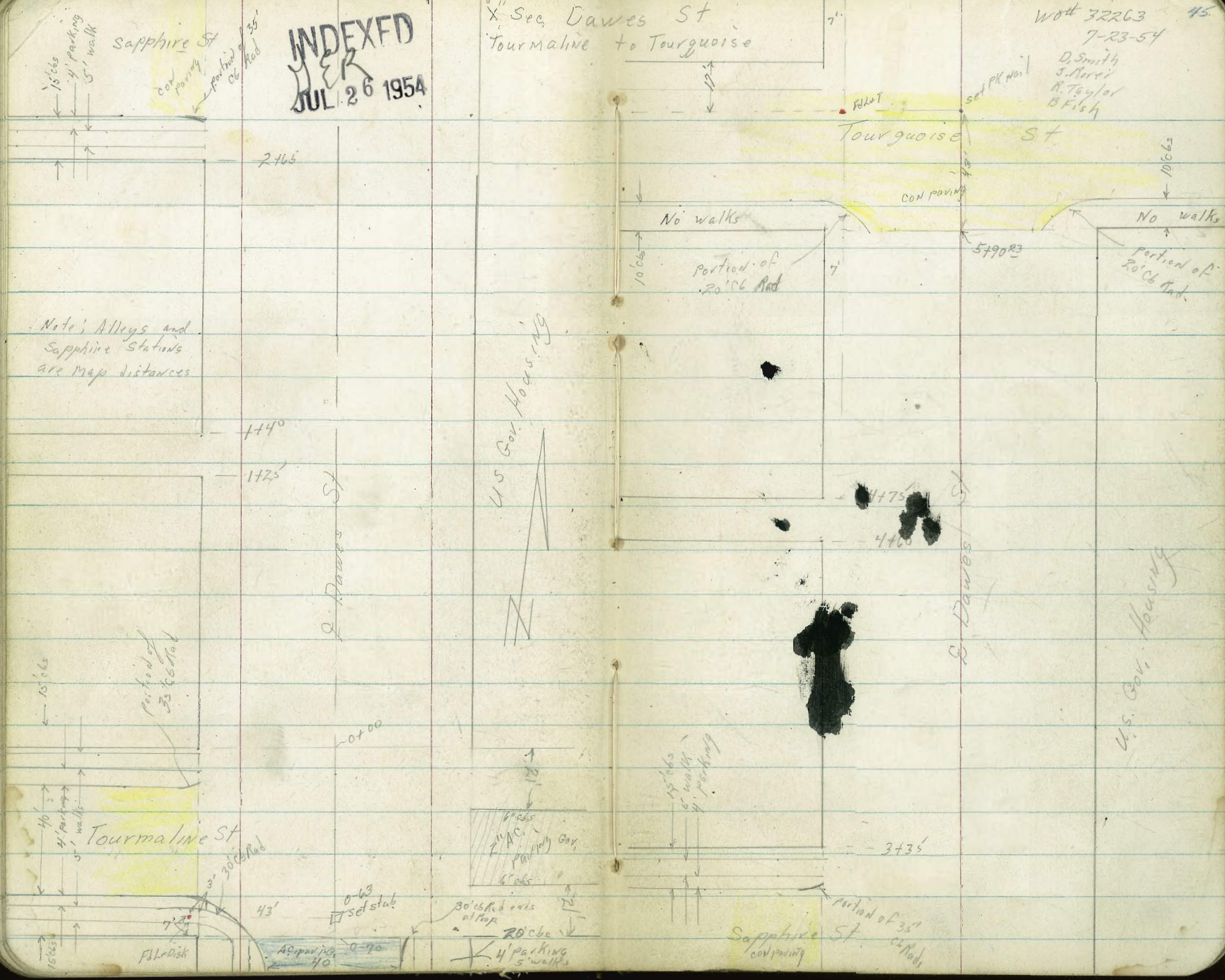
INDEXED
JER
JUL 26 1954

X¹¹ Sec, Dawes St
Tourmaline to Tourquoise

Wot 32263 45

7-23-54

D. Smith
S. Nord
R. Taylor
B. Fish



Note: Alleys and
Sapphire Stations
are map distances

U.S. Gov. Housing

Dawes St

U.S. Gov. Housing

Sapphire St

TP 945 13477 426 125-32

1490

1440 Nly Alley to Wly

1433 43° RT 3' cov walk

242 248 6" tel Pole #5124

1426 Sly Alley to Wly

1424 29° RT 10" tel Pole #5124

0475

0447 43° RT 3' cov walk

0425

0423 23° RT 8' tel MH

0408 29° RT 86" tel Pole #51720H

0400

Co end NW cor Dawes + Four miles

L to Wly

R to Ely

47

125°	125°	124°	124°	124°	125°	124°	124°	125°	126°	126°
46	46	50	51	47	46	42	50	42	38	31
50	40	20	20	20	10	10	17	21	28	40
		123°	123°	123°	123°	123°	123°	123°	123°	123°
		66	64	66	58	58	52	61	42	42
		90	40	22	10	5	10	16	21	30
		122°	122°	123°	123°	123°	123°	124°	124°	125°
		73	70	65	61	61	62	64	58	42
		90	40	20	10	6	10	16	22	28

121°	121°	122°	122°	122°	122°	122°	123°	123°	124°
85	82	75	70	76	73	72	76	71	63
60	40	40	20	16	10	10	15	20	40
		121°	121°	121°	121°	121°	121°	121°	122°
		92	88	79	81	85	83	80	81
		60	40	25	19	17	10	8	10

119°	120°	120°	119°	120°	120°	121°	121°	121°	121°	122°	122°	123°
105	95	92	92	93	88	86	86	85	81	73	69	65
60	40	33	29	20	10	8	10	15	20	28	40	60
		119°	118°									
		108	108									
		end	end									

12958

Lt-Wly

Rt-Ely

49

136E	136E	135E	134E	134E	134E	134E	134E	135E	135E	136E
52	63	70	84	80	76	72	72	70	67	64
60	40	27	18	10	10	10	17	26	40	53
										1100

134E	133E	133E	132E	133E	133E	133E	132E	133E	133E	133E
84	88	92	92	94	89	92	92	88	86	82
90	40	30	17	10	10	10	17	27	40	60

5425 40° RT E 15' con drive to garage double con flow

4475 Nly Alley wly

4467E crosses SMH

4463 43° RT E 3' con walk

4460 { 36° Lt end 4' wire fence
Sly of Alley wly

4457 24° RT E 6" Tel Pole # 5174

4457 28° RT E 14" Tel Pole # 5175

TP2 1020 14246 251 13226

4410

3480 38° Lt Begin 4' wire fence

3477 43° RT E 3' con walk

3460

3446 29° RT E 6" Tel Pole # 517423 H

134E	133E	133E	132E	132E	132E	133E	132E	132E	132E	132E
84	92	95	103	92	93	96	101	88	88	89
90	40	25	17	10	10	10	17	27	40	60

131E	131E	130E	130E	130E	130E	130E	130E	130E	130E	130E
30	32	40	40	35	35	39	22	27	26	
40	23	17	10	10	10	17	25	40	60	

134E

Lt. Wly

Rt. Ely

Richard
7/29/54
Bibb

137⁵³

137⁵⁴
wly 4' LINE
+ 17' LINE
Tourquoise + Paves

FB2668-44

BM

4⁹²

137

137 ⁵²	136 ²⁵	137 ²⁰	136 ⁵¹	136 ⁴⁵	136 ⁶⁵	136 ²⁴	136 ⁵⁴	136 ⁵¹	136 ⁵⁵	137 ⁰⁶	137 ⁰⁴	137 ⁵⁸
4 ⁸⁹	5 ⁵¹	5 ²⁶	5 ²⁵	5 ²⁸	5 ²¹	5 ⁷²	5 ⁸²	5 ²⁵	5 ⁸¹	5 ¹⁰	5 ¹⁰	4 ⁸⁸
90	90	40	40	20	10		10	20	40	40	90	90
26	94	86	94	20	10		10	20	54	88	94	86

6+00²³ sly ob line Tourquoise st

Mid Pt. existing Pot

136 ⁹²	136 ³⁵	136 ²⁵	136 ⁷²
5 ¹⁸	6 ¹¹	6 ¹⁵	5 ⁶⁹
26	94	94	86

5490²³ sly Tourquoise edge red pav. + ob ends

137 ⁰	136 ⁵⁰	136 ⁰¹	136 ¹⁴	136 ²¹	136 ²⁹	136 ²⁵	136 ⁴⁷	136 ⁰⁶	136 ⁵	137 ¹
5 ⁵	5 ²⁶	6 ¹⁵	6 ⁴²	6 ¹⁸	6 ⁰⁷	6 ²⁰	6 ³⁹	6 ¹⁰	5 ⁹⁶	5 ¹¹
40	222	222	20	10		10	20	232	232	40
	86	94					94	86		

5486²³ LHC 6" Pk 5198

138 ²	138 ²	137 ²	137 ²	135 ⁵	135 ⁸	135 ²	135 ⁷	135 ⁸	136 ⁴	137 ⁰	136 ⁷
4 ³	4 ³	4 ⁸	5 ²	7 ⁰	6 ²	6 ⁶	6 ⁸	6 ²	5 ⁹	5 ¹	5 ¹
60	40	30	25	20	10		10	17	20	40	20

5475

5473²³ Rt 86' tel Pole # 514254

5465²³ LHC deadman

T 14246

1400 9° RT 26" P Pole #A1520

1450 9° Lt Begin 3' high picket fence

0480 9° RT to Nly edge of 36" Paper tree

0457 12° RT & single garage dirt floor

0451 8° RT end 4' high Board Fence

0450

0425

0418 8° RT end garage & begin 4' high board fence

0400 Ely Line Haines end car pav 2063

0400 8° RT Begin old wooden garage car floor opens Wly

0-20 Ely cb line Haines st

TP2 444 744 381 6922

TP1 991 7378 085 6387

BM 1230 6472 5242

SW 7174 & F
Crisham
Garret

Note, this seems to be a fairly
New lot and could be low by looks

74 41

Lt-Nly

RT-54

52

69.4
50 58 57 56 55 56
15 10 6 10 20

69.7
52 53 54 53 60 61
25 10 9 10 25

69.0
52 42 42 51 53 52
25 10 8 10 25

69.97
44 40 50 48 44
25 25 25 25 25

69.85 70.59 69.70 69.22 69.76 69.18 69.14 69.00 69.94 69.07 69.48 69.89 69.23 69.65 69.24
44 52 46 55 46 52 52 54 51 54 42 52 54 52 52
25 25 25 25 25 25 25 25 25 25 25 25 25 25 25

69.6
5-8
10-2
Pav

69.39
8-8
Pav

Lt-Nly

Rt-Sly

3700 9² Lt & 4'x4' board fence 4' long // to line
 2499 10² Lt end 4' Picket fence
 2450 9⁰ Rt & 8" P.Pole (EA 1356)

Note: Fd BM in P.Pole
 elev marked 69.75

2400 9² Lt Begin 4⁰ Picket fence
 1499 10² Rt end bath house
 1496 10⁰ Lt & 7⁰ con walk

1492 Lt End 4 car garage con floor & apron
 1461 9² Rt Begin bath house
 1457 12² Lt Begin 4 car garage con floor & apron
 1457 10⁰ Lt end con apron

TP3 251 7363 337 7104

1450 10⁰ Lt Begin con apron // to line
 1450 9⁰ Rt to Nly end & 5' high cyclone fence
 1450 4⁵ Rt end cold hay parking area
 1446 10⁵ Lt & 10⁰ con deck
 1439 10² Lt end 3' Picket fence
 1402 6⁰ Rt Begin cold hay parking area

68.5 68.3 68.0 68.2 67.8
 51 53 56 52 52
 10 10 10 10 15
 68.6 68.8 68.5 68.6 68.5
 50 48 51 50 51
 10 10 10 20

68.8 68.9 68.7 69.0
 48 47 49 46
 15 10 10
 69.17
 44.6
 100

69.53 69.27
 420 436
 152 122
 Floor apron
 69.47 69.15
 416 428
 152 122
 Floor apron

7363

69.06 69.1 68.8 68.89 68.99 68.74
 53 53 56 55 54 52
 10 10 15 10 20
 68.91
 50 50 50
 10 10 10

68.14
 527
 105

7441

Lt-Mly

±

Rt-Sly

57

4450

66.7	66.1	65.7	65.6	65.8	65.6
62	75	72	80	75	80
15	10	7	10	20	

4413 8² 2LE double garage con floor & apron

61.28	66.68
63.5	62.5
132	82
Floor	apron

4400 10⁵ At end AC drive

4400 9² Rt 28' P/O # A1580

67.0	66.9	66.A	66.A	66.1	66.75
65	62	72	73	62	68
15	10	7	10	10	10
				AC	

3486 134 2LE double garage con floor

67.12
52
132
Floor

3472 10² At Begin AC drive

3472 9² Lt end 4' Picket Fence

66.96
66.7
108

3456 9² Lt end 4' Board Fence begin 4' Picket Fence

68.2	67.8	67.2	67.2	67.0
52	55	64	64	66
15	10	10	20	

3414 9⁴ Lt begin 4' board fence

3408 14² 1LE single garage dirt floor

68.3
52
142
Floor

X 73.63

Lt=Nly

2 Rt=Sly

Starting BM.

1274

SR

5272
91
P952

TP₆

015

6515

737

6500

NW 7X7 LOT
Garret,
Ingraham

TP₅ BM

917

7237

656

6320

5720 ob line to Sly and edge AC topped con par. Nly

6520
456
50
648A
472
25
6462
514
10
6448
528
10
6437
542
14
6434
470
14
6424
536
24
6420
504
24
6417
504
24
6383
504
24
6411
504
24

5713 ob line to Nly taken along diagonal line of ob

6579
397
50
6532
444
50
6550
476
25
6500
431
25
6542
480
14
6486
427
10
6479
53
10
645
51
10
647
482
10

57 D9 10°44' CL BC 4' ob red

6527
429
102
6477
427
100
6472
504
83
647
54
10
648
50
10
6506
420
10

4499²⁵ wly Prop Ingraham begin obs only

6551
485
102
6500
476
100
6496
480
83
650
48
10
650
48
10
6521
433
10
654
82

TP₄

425

6926

812

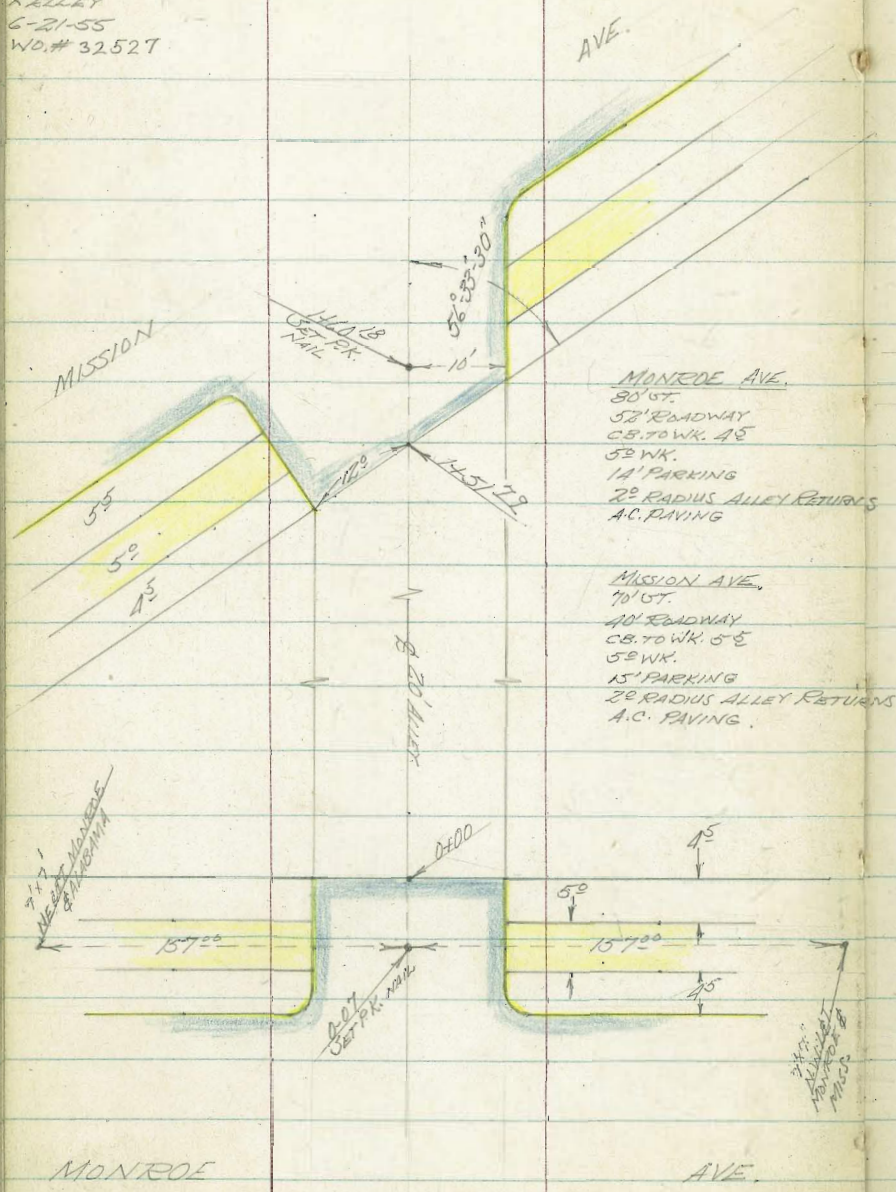
6551

4475

6926
659
72
13
658
78
10
657
82
7
657
83
10
654
82
15
73
63

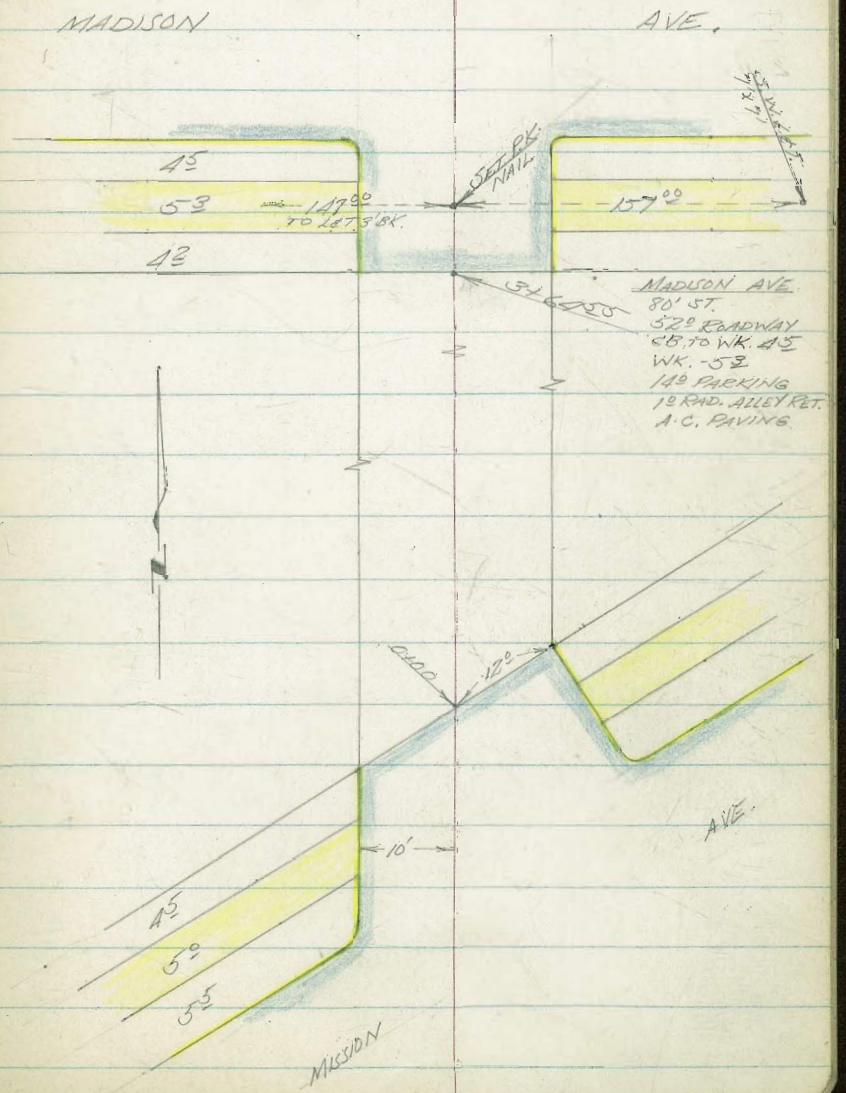
2-SEC. ALLEYS 49 & 49 1/2 UNIV. HEIGHTS

COTA
GABBER
KELLEY
6-21-55
WD.# 32527



INDEXED
MER
JUN 22 1955

52



LT.
(WLY)

±

RT.
(ELY)

0+10

3341 3340 3343 3348 3350 3352
20 10 5 10 15

0+00 NLY PROP. LINE MONROE

3332 3337A 33397 33323 33315 33302 33352
20 10 10 10 10 20
CB CUT CB
END CB. END CB.

0-07 WEST PK. ELEV. 33301

33046 33107 33180 33171 33125
50 50 50 50 25
GUT CB GUT CB

0-14 NLY CURB LINE MONROE

33135 33171 33294 33235 33280 33327 33384 33318
25 25 12 12 12 12 25
GUT CB GUT CB GUT
B.C. ALLEY RET. B.C. RET.

0-10 ± MONROE

ALLEY 49½

33376 33205 33323 33396 33319
50 25 25 50

S.M. USE B.P. MONROE & ALABAMA 324.61

DIRECT ELEV. ROAD.

7-SEC ALLEYS 498 1/2 UNIV. HTS.
CONT'D.

58

		LT. (WLY)	¢	RT. (ELY)
0480	95 LT TO ¢ 17' WIDE CONC. DRIVE TO DOUBLE GARAGE	333.18 129 Conc. Floor	333.18 95 LIP DRIVE	
0472	99 LT. END 40 HIGH CONC. WALL			
0466	130 RT TO ¢ SINGLE GARAGE			3345 13 DIRT FLOOR.
	{ 90 LT. BEGIN 40 HIGH CONC. BRICK WALL ON CONC. SLAB.			
0462	{ 99 LT. END CONC. SLAB AGAINST BLDG.		33425 33425 125 9 Conc. Conc.	
	{ 135 RT TO ¢ SINGLE GAR			
0452	{ 99 LT. BEGIN CONC. SLAB AGAINST HOUSE	33418 125 Conc.	33418 9 Conc.	3349 135 DIRT FLOOR.
0450		3344 15	3343 10	3345 3349 3349 10 13

	LT. (WLY)	¢	RT. (ELY)
1419 11 ² RT. TO ¢ 3 ⁰ WIDE CONC. WALK.			333.30 333.40 11 20 Conc.
1411 11 ⁰ RT. TO ¢ 10 ⁰ WIDE CONC. DRIVE TO SINGLE CAR.			333.26 334.02 11 166 LIP CONC Floor
1409 10 ⁰ LT. END CONC. SLAB		332.87 10	
1400	332.87 15 Conc.	332.95 10 Conc. SLAB.	333.3 10 DIRT.
		333.3	333.3 333.9 334.1 10 15
0+89 ⁵ { 10 ⁰ LT. BEGIN CONC. SLAB. 10 ⁰ LT. BEGIN 3 ⁰ HIGH CHAIN LINK FENCE		333.10 15 Conc.	333.18 10 Conc.
0+89 8 ⁵ LT. TO ¢ P.P. # PA. 4507			

7-SEC. ALLEYS 49 & 49½ UNIV. HTS.
CONT'D.

LT.
(WLY)

£

RT.
(EKY)

	329.82					332.97
	50					50
	CB					CB
(SECTION TAKEN ON CURB LINE						
1469.9 SKY CURB LINE MISSION AVE.	329.75	330.67	330.04	330.73	331.23	331.83
	50	24	21		13	13
	GUT	CB	GUT		GUT	CB
			B.C.			B.C. ALLEY RETURN
						332.40
						50
						GUT

(SKY PROP. LINE MISSION AVE.

1457.79 (SECTION TAKEN ALONG PROP. LINE	3314	330.86	330.80	330.91	331.40	331.91	332.4
	20	12	12	A.C.	12	12	20
		CB	GUT		GUT	CB	

1457.79 (SECTION TAKEN RT. ANGLES TO CURB		330.60	330.91	331.3	331.9
		10		5	10

1444.5 10² FT. END 3⁰ HIGH FENCE

1434	332.1	332.5	332.5	333.0	333.5
	20	10		10	13

V. SEC. ALLEYS 49 & 49½ UNIV. HTS.
CONT'D.

61

LT.
(WLY)

RT.
(Ely)

0+07 10⁸ RT. BEGIN 4⁰ HIGH LINK FENCE

0+00 SECTION TAKEN RT. ANGLES TO OUR ♀

3321 3315 33133 33170
10 4 10

{ NLY PROP LINE MISSION AVE.

0+00 SECTION TAKEN ALONG PROP LINE

3318 33138 33129 33133 33104 33152 33119
20 15 15 12 12 20
CB. GUT. GUT. CB.
END CB. END CB.

0-10 8⁵ WLY LT. TO ♀ POWER POLE # P.A. 1521

33010 33317
50 50
CB. CB.

0-17⁸ NLY CURB LINE MISSION AVE.

33152 33115 33160 33097 33177 33212 33252
50 14 14 24 24 50
GUT. CB. GUT. GUT. CB. GUT.
E.C. E.C. ALLEY RETURN

ALLEY 49

♀ MISSION AVE

33176 33059 33128 33205 33285
50 25 25 50

7-SEC. ALLEYS 1982 1/2 UNIV. HRS.
CONT'D.

62

LT.
(WLY)

£

RT.
(EELY)

H07 9¹/₂ RT TO £ 2⁰ WIDE CONC. STRIP
(DRIVEWAY TO GARAGE)

333.18 334.16
9¹/₂ 31¹/₂
LIP CONC.
Floor

H00

332.2
20

332.4 332.1 332.9 332.8 333.0 333.3
13 10 7 10 20

0+65 SEWER M.H. ON £ ALLEY

332.62
RIM

0+58 1³/₈ RT END AD HIGH FENCE

0+50

332.0 332.1 332.1 332.7 333.0
20 10 10 20

0+16

331.8 332.3 332.2 332.3 333.0 333.1
20 10 5 10 20

X-SEC. ALLEYS 194 19 1/2, UNIV. HTS.
CONT'D.

217
92
31 1/2

LT.
(W/LY)

¢

RT.
(E/LY)

14875 10³ LT. END HOUSE

1471 10³ LT. BEGIN HOUSE

1468 9⁸ RT. END 50 HIGH FENCE

1450

3325 3325 3324 3331 3331 3334 3336
20 10 9 6 10 20

1444 10⁹ LT. TO ¢ SINGLE GARAGE

3328
102
Dirt
Floor

1423 10⁰ RT. BEGIN 50 HIGH BOARD FENCE

1417 7⁵ LT. TO ¢ POWER POLE # PA 1531

1412 9⁷ RT. TO ¢ 20 WIDE CONC. STRIP
(DRIVEWAY TO GARAGE)

	LT. (WKY)	♀	RT. (ELY.)
2490 ⁵ 97 RT. BEGIN 5° HIGH BOARD FENCE			
2484 15 ⁸ LT. TO ♀ SINGLE GARAGE	333.5 158 Dirt Floor		
2450	333.6 10	334.2 10	334.7 10 334.7 20
2447 10 ³ LT. TO ♀ SINGLE GARAGE	333.64 103 CONC. Floor		
2442 12 ⁰ RT. TO ♀ 9° WIDE CONC. DRIVE TO SINGLE GARAGE			334.4 12 LIP 335.25 15 Floor (CONC.)
2439 8 ⁵ LT. TO ♀ POWER POLE # PA. 4571			
2400	333.5 20	333.6 10	333.4 10 333.7 13

2-SEC. ALLEYS 194 192 UNIV. HTS.
CONT'D.

65

LT.
(WLY)

\$

RT.
(ELY)

3464 9⁰ LT. TO & POWER POLE # RA. 1599

3460⁵ 9⁶ LT. END WOOD FENCE

3450

3348 3348 3349 3353 3358
20 10 10 15

3447 98 LT. BEGIN 3⁰ HIGH WOOD FENCE

3413 10³ RT. END 5⁰ HIGH FENCE

3400

3335 3343 3344 3346 3349
15 10 5 10

3496 16⁰ LT. TO & SINGLE GARAGE

3338
16
Dirt
Floor

LT.
(WLY)

±

RT.
(ELY)

B.M. CHECK #2 32161 = 32161 SEBP ALABAMA & MONROE

B.M. CHECK 33103 = 330.92 SEBP ALABAMA & MADISON

40155 ± MADISON

33391 33454 33513 33573 33638
50 25 75 50

33605 33541 33513 33504
41 41 25 25
CB. GUT. CB. GUT

3478 55 (ELY) CURB LINE MADISON

33371 33309 33411 33411 33436 33413 33521
50 50 11 11 11 11
CB. GUT CB. GUT GUT. CB. 335.9
E.C. Alley Return E.C. 15

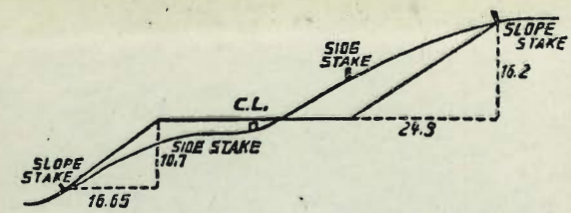
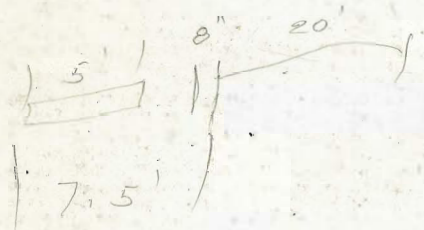
10° RT. & LT. BEGIN CURB

3464 55 (ELY) PROP LINE MADISON

33417 33498 33445 33461 33512 33550
20 10 10 10 10
CB. GUT GUT GUT CB.

93.69
 42.72
 50.97

20



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
 SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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