1709

ENGINEER'S

LEVEL BOOK

No. 410E

EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be 30.6+(20—16)÷2 or 2 ft. added to 30.6 =32.6. For slopes of 1 on 1½ see inside of back cover.

1709

CITY ENGINEER'S OFFICE

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

Made in U. S. A.

Profile 69th St from City Limits N

Sta. 9+50 - 12+17 73-74

Alley X-Sec. Blk {100, 101, 102} Ocean Bay Beach Sub 61-72

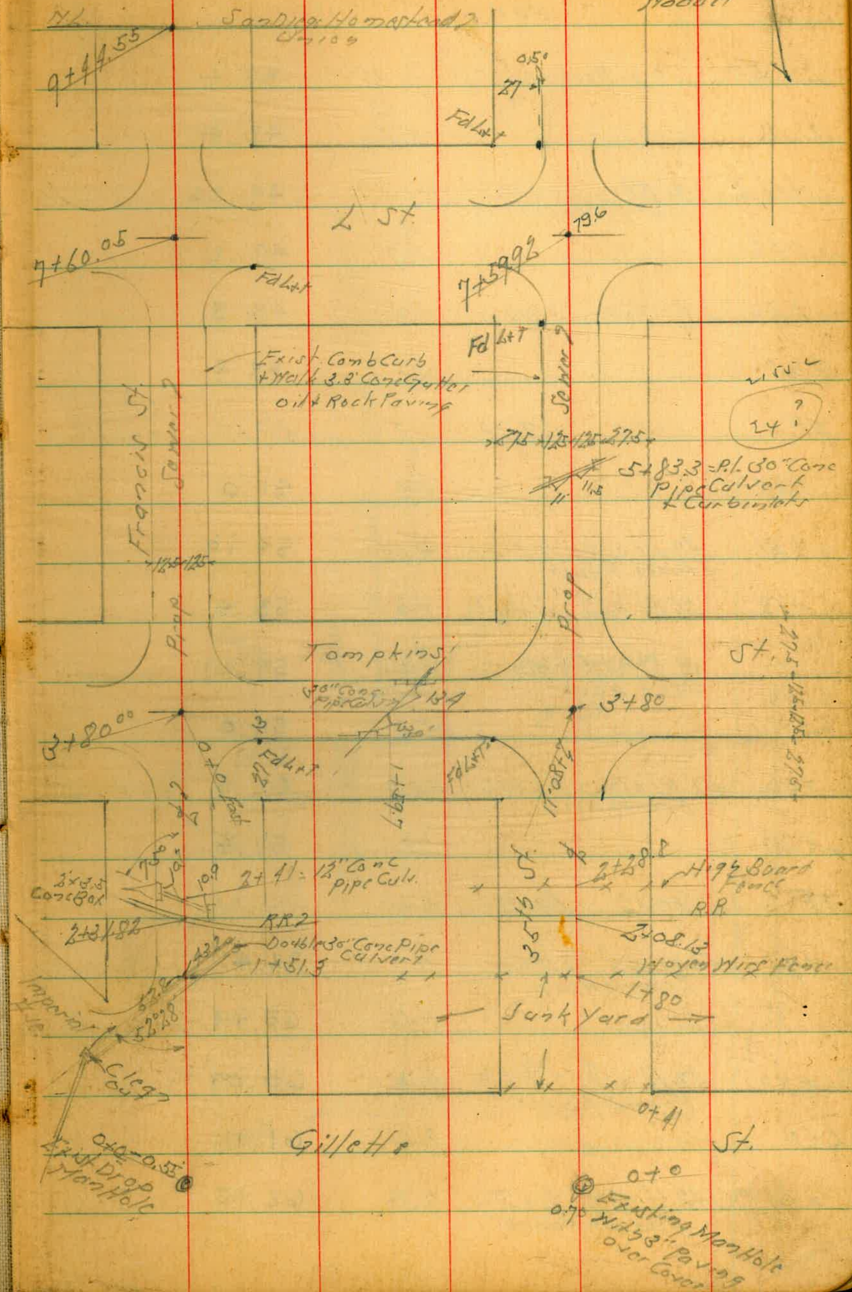
Proposed Sewer Francis St.
Gillette St. to N.L. San Diego Homestead Union

BM	3.19	32.76		29.57	BP & N Rail of Bridge E of 33rd St + Imper
TP	7.57	35.77	4.56	28.20	on H.W. of Culvert S.L. Imperial
0 - 0.55	= Exist Drop MH		7.89	27.88	on Rim
"			13.84	21.93	Flow Line
"			17.78	17.99	Flow Line
0+09			7.8	28.0	
+17			5.0	30.8	
+21	= Sly. A.C. Paving		5.9	29.9	
+50	on " "		6.67	29.10	
1+0	on oil + Rock Pav.		6.26	29.51	
TP	4.40	38.63	1.54	34.23	
+51.3	= P.I. Do. 30" Culv		7.0	31.6	on Pav
"	62.8 SW Clean Out		19.14	19.49	Flow Line
"	43.2 N.E. - E End 30" Culv		16.33	22.30	Flow Line of North Pipe
2+0	on oil + Rock Pav.		3.3	35.3	
+31.82	= ℄ S.D. + A. R.R.		0.56	38.07	Top of South Rail
+41	= P.I. Culvert		0.6	38.0	
"	10.9 E		2.95	35.68	Flow Line Conc Box
"	10.7 W		5.42	33.21	Flow Line Conc Box
TP	12.07	49.93	0.77	37.86	

10+64

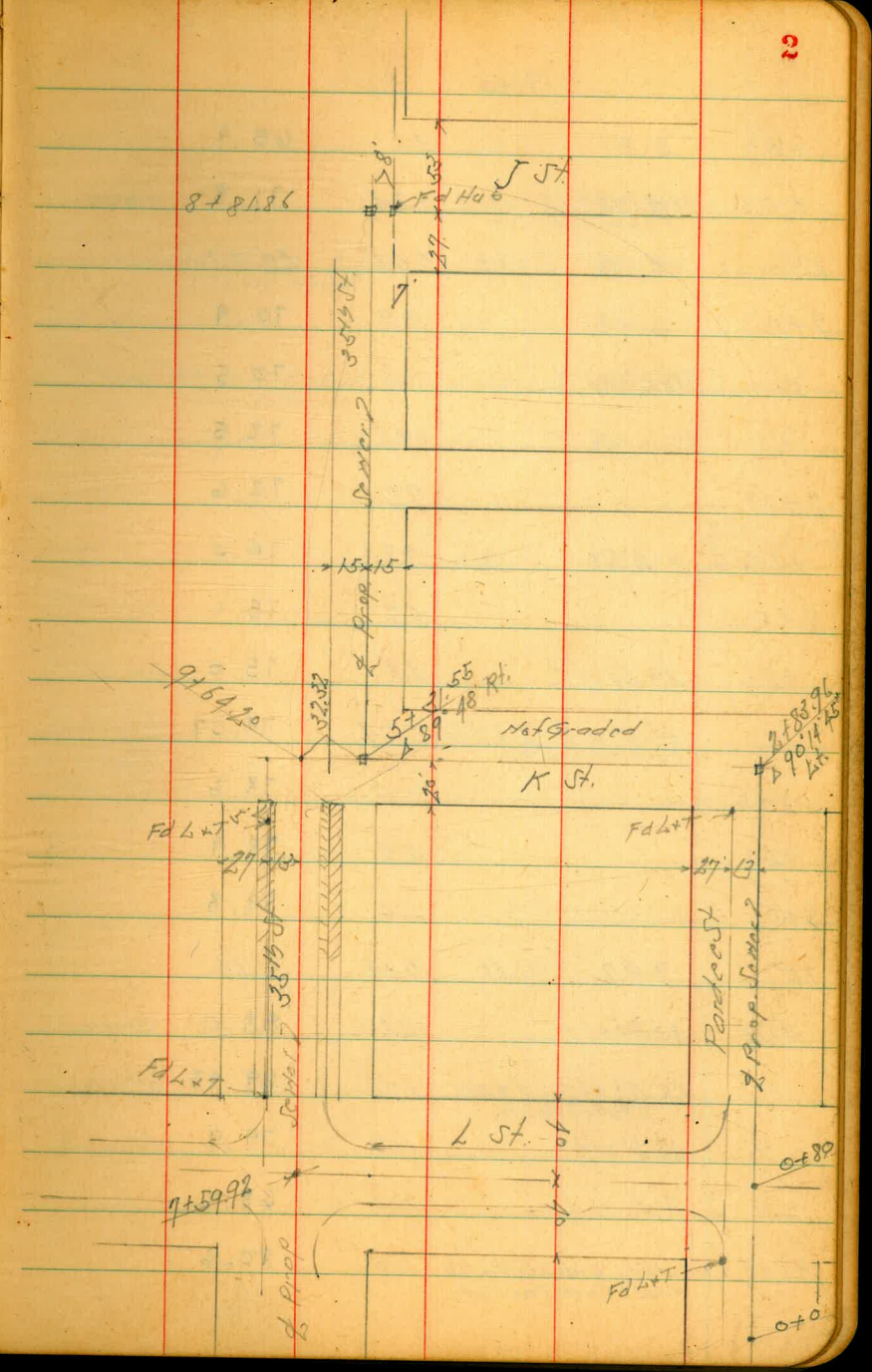
Indexed
C.S.K.

March 9.46
Sisson
Begg
Weddel



Francis St

		49.93			
4+50	on Rock+Oil Bar		11.5	38.4	
5+0	" " " "		6.5	43.4	
+16.5	40' Rt of ℄ = SW Cor Calif. House		+0.67	49.26	on Floor
+40			2.7	47.2	
+80	℄ Tompkins		1.4	48.5	
6+0			1.1	48.8	
TP	10.71	59.33	1.81	48.62	on SF L+T Francis+ Tompkins
+50			8.3	51.0	
+81	47 Lt of ℄ = NE Cor Stucco. House		5.14	54.19	on Floor
+68	36 Rt of ℄		5.9	53.4	Ground
"	46 Rt of ℄ = NW Cor Calif. House		0.06	59.27	on Floor
7+0			5.3	54.0	
+06	53 Rt of ℄ = ℄ x W ℄ Frame House		+3.2	62.5	on Floor
+50			1.9	57.4	
TP	10.12	49.45	0.00	59.33	
+73	53 Rt of ℄ = S W Cor Frame House		11.1	58.4	on Garage Floor
"			3.46	65.99	on Floor House
+90	49 Lt of ℄ = ℄ x E ℄ Frame House		9.36	60.09	on Floor
8+0			8.4	61.1	
+44	49 Lt of ℄ = ℄ x E ℄ Frame House		7.30	62.15	on Floor



Francis St

		69.45			
6+50			3.6	65.9	
+55	48 Rt of ℄ : ℄ of Wly Frame House		+2.3	71.8	on Floor
TP	13.06	81.83	0.62	68.83	
7+0			10.9	70.9	
"	24' Lt of ℄		11.3	70.5	Ground
"	45' " " "		19.3	72.5	"
7+20			9.2	72.6	
+60.05	= ℄ L St.		7.8	74.0	
8+0			6.7	75.1	
+25	29 Lt of ℄		6.8	75.0	Ground
"	48 Lt of ℄ : ℄ of Ely Frame House		7.74	74.09	on Floor
+50			3.5	78.3	
+60			2.9	78.9	
9+0			2.0	79.8	
TP	9.97	91.61	0.19	81.64	
+24	33' Rt of ℄		8.6	83.0	Ground
"	55' Rt of ℄ : ℄ of Wly Stucco House		2.18	89.43	on Floor
"	30' Lt of ℄		11.7	79.9	Ground
"	80' Lt of ℄		23.4	68.2	"
9+41.55	= Nly Sidewalk & Cb. & Oil & Rock Paving		11.0	80.6	

		91.61			
10+0			12.1	79.5	
+46			9.6	82.0	
"	24' Lt of ℄ : S.E. Cor. Frame House		10.70	80.91	on Floor
+64			8.0	83.6	
"	59' Rt of ℄ = S.W. Cor. Frame House		+4.3	95.9	on Floor
TP	12.13	102.07	1.67	89.94	
BM			3.21	98.86	on Stub ℄ K St & 35th to North

Proposed Sewer 35th St
Gillette St to ℄ K St.
Sketch Page 1 + 2

Indexed
C.S.K.

March 13-46
Sisson
Waddel
Hardin

BM	6.95	35.15		28.20	on N.W. Cut S.L. Imperial & Francis
0+0 = Existing Man Hole			5.32	29.83	on Rim
"			5.06	30.09	on Paving
+32 = ℄ & Bottom Wash 8' Wide			7.2	28.0	
+41 = E&W Wire Fence			5.5	29.7	
+50			5.4	29.8	
+54 1.2 Lt of ℄ = Ely 14" Euc. Tree					
+70 59' Rt of ℄ = N.W. Cor Frame Bldg.			2.67	32.48	on Floor
1+0			4.9	30.3	
+50			4.5	30.7	
TP	11.83	42.48	4.50	30.65	on Peg 2+52
+80			9.1	33.4	
+95			5.1	37.4	
2+08.13 = ℄ S.D.&A R.R.			3.93	38.55	Top Rail
+17			3.8	38.7	
+23			0.5	42.0	
TP	12.86	54.08	1.26	41.22	
+50			9.8	44.3	
TP	11.97	65.78	0.27	53.81	
3+0			10.4	55.4	
		65.78			
3+40 = Sly oil Rock Pav.			3.8	62.0	
+80 = ℄ Tompkins			2.81	62.97	on Roof Nail
4+0			2.3	63.5	
TP	6.83	70.27	2.34	63.44	
+18 37.5 Rt of ℄ = S.W. Cor Frame House			1.78	68.49	on Floor
+50			6.2	64.1	
+93 24 Lt of ℄			4.8	65.5	Ground
" 44 Lt " " = N.E. Cor Frame House			11.4	58.9	on Floor
" 31 Rt of ℄			0.6	69.7	Ground
" 53 Rt " " = ℄ & Wly Frame House			+2.0	72.3	on Floor
5+0			4.9	65.4	
+50			3.8	66.5	
+83.3 11.0' Lt = Ely Conc Box			13.00	57.27	Flow Line
" 11.5 Rt = Wly " "			11.78	58.49	
6+0			2.4	67.9	
+20			1.4	68.9	
TP	11.61	81.65	0.23	70.04	
+50			10.5	71.2	
+82 57 Lt of ℄ = S.E. Cor Stucco House			3.35	78.30	on Floor

35th St.

		81.65			
6+82	52.5 Rt of ℄ = W.L. Entr. Shingle House		3.6	78.1	Basement Floor
7+0			4.9	76.8	
+20			3.1	78.6	
+59.92 = ℄ L St			2.1	79.6	
8+0			0.8	80.9	
TP	12.70	93.86	0.49	81.16	
+30	34 Rt of ℄		4.0	89.9	
"	51 Rt of ℄ = ℄ + Wly Frame House		0.55	93.31	on Floor
+50			8.0	85.9	
+72	40 Lt of ℄ = ℄ + Ely Frame House		3.2	90.7	on Floor
+78	35 Rt of ℄		0.7	93.2	Ground
"	94 Rt of ℄ = Wly Frame House		+1.2	95.1	on Floor
9+0			2.4	91.5	
TP	8.02	101.41	0.47	93.39	
+17	41 Lt of ℄ = ℄ + Ely Frame House		7.70	93.71	on Floor
+29	32 Rt of ℄		4.4	97.0	Ground
"	94' Rt of ℄ = ℄ + Wly Frame House		1.9	99.5	on Floor
+44	= Nly Cb + Walk + Nly Oil + Rock Pav.		5.2	96.2	
+64.2	= 20' N of S.L. K St		3.7	97.7	
			2.55	98.86	on Stub ℄ K St + 35th St N 98.86

Proposed Sewer Tompkins St
Francis St to 35th St

March 14 46
Sisson
Haddel
Hardin

		Indexed e.s.k.			
BM	12.04	60.66		48.62	SEL + T Tompkins + Francis Page 2
0+0	℄ Francis		12.2	48.5	
+50			11.8	48.9	
1+0			9.8	50.9	
+08	32 Lt of ℄ = SW Cor Cal. House		1.3	59.4	on Floor
+40			7.6	53.1	
+59.7	= P.I. 30" Conc Pipe Culv		6.1	54.6	on Pav.
"	13.4 Lt = Sly Conc Box		13.5	47.2	Flow Line
"	13 Rt = Nly " "		14.8	45.9	" "
2+0			2.3	58.4	
+13	50' Rt of ℄ = N.W. Cor Frame House		+0.10	60.76	on Floor
TP	7.54	67.77	0.43	60.23	
+40			5.9	61.9	
+80.11	= ℄ 35th St		4.83	62.94	on Roof Hall

Proposed Sewer Pardee St K St & 35th St

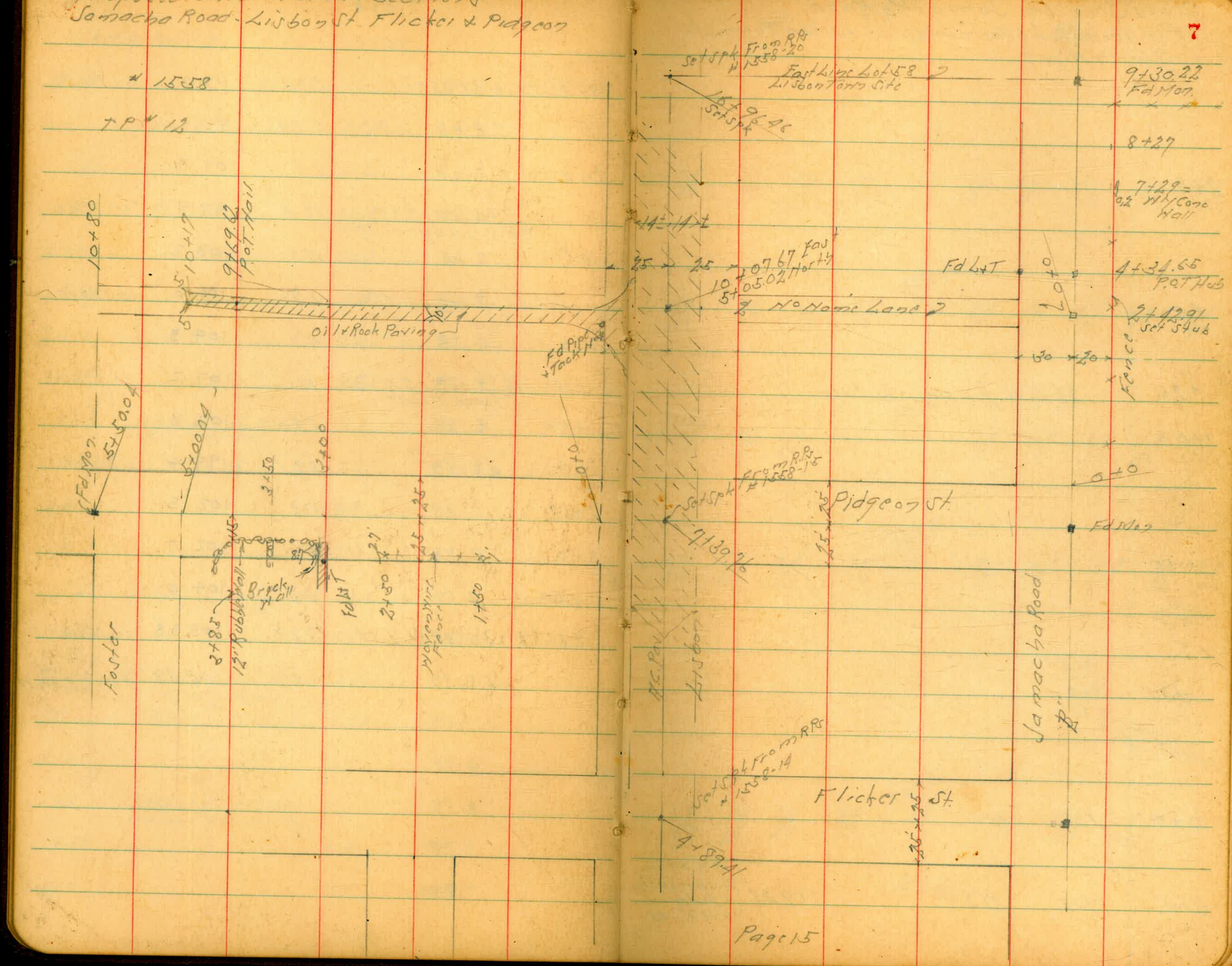
Sketch Page 2

B.M.	11.55	96.47		84.92	S.W. B.P L St & Pardee
0+0	= 40' S of S.L. L St.		12.2	84.3	
+40			11.4	85.1	
+80	= ℄ L St.		10.5	86.0	
1+0			10.2	86.3	
+50			9.8	86.7	
2+0			9.3	87.2	
+50			8.6	87.9	
+64	= Wly Cbs & Walk & Oil & Rock Pav		8.2	88.3	
+83.96	Δ 90°14'45"		7.81	88.66	on Stub
3+0			7.8	88.7	
+19			7.0	89.5	
+45	40.5 Rt of ℄ = S.E Cor Frame House		+1.3	97.8	on Floor
+50			3.5	93.0	
"	27' Lt of ℄ = N.E Cor Frame House		3.55	92.92	on Floor
TP	8.90	105.13	0.24	96.23	
4+0			7.5	97.6	
+11	22' Lt of ℄ = N.E Cor Garage of Dwelling		7.3	97.8	on Floor
+50			5.4	99.7	
5+0			5.0	100.1	

Indexed
C.S.K.

		105.13			
5+31.55	Δ 89°48' Rt		6.23	98.90	on Stub
TP	9.37	108.27	6.23	98.90	
6+0			6.4	101.9	
"	29.5' Lt of ℄ = ℄ & Ely Garbage of Dwelling		10.4	97.9	on Floor
+50			5.1	103.2	
"	31' Rt of ℄ = SW Cor Frame House		1.7	106.6	on Floor
7+0			4.0	104.3	
+10	26' Rt of ℄ = SW Cor Stucco House		1.1	107.2	on Floor
+50			5.5	102.8	
"	Lt of ℄		8.9	99.4	Ground
+68			5.8	102.5	
8+0			5.6	102.7	
+50			4.3	104.0	
+81.86	= 27' N of S.L. S St		2.89	105.38	on Stub
			2.88	105.39	on Hub 18' Line S St E 7' L mo of 35th St

Proposed Sewer + Cross Sections
Jamacha Road - Lisbon St. Flicker & Pidgeon



Cross Section Samacho Road
Pidgeon St. to East Line Lot 58 Lisbon Town Site
Sketch Page 7

Indexed
C.S.K.

May 27-46
Sisson
Scarfein
Waddel
Allen

Station					Lt: N				℄	Rt: S				
2+0					2.3/30	2.6/27	1.9/22	4.7/10	262.9 / 5.5	5.6/2	4.0/4	4.0/10	4.0/20	4.1/30
+50					5.0/30	5.3/27	5.7/22	5.7/10	262.1 / 6.3	6.3/2	4.6/6	4.7/10	5.5/20	5.4/30
+20	28 Lt of ℄ = N.Y. Tel Pole													
1+0					3.8/30	4.1/27	6.5/23	6.6/10	261.0 / 7.4	7.3/2	5.8/3	6.0/10	6.2/20	6.7/30
+50					4.5/30	5.1/26	7.4/23	7.4/10	260.3 / 8.1	8.1/2	6.7/5	6.8/10	7.0/20 = Fence Line	7.2/30
+34												263.14 / 5.26/66 = Rt N.Y. House Front on Floor		
0+0	= E.L. Pidgeon				5.9/30	5.9/26	7.9/23	8.0/10	259.8 / 8.6	8.8/10	8.2/20	8.2/30		
BM	9.19	268.40	259.21	o o R.R. on ℄ Samacho & Pidgeon #1681-45					268.40					

Somacho Road

Station	Note
+50	
3+0	
+92	
+78	
+73	
+60	19.6 Rt of ℄ : S/y Power Pole
+53	27.6 Lt of ℄ : N/y Tel Pole
2+50	

268.40

Lt = N ℄ Rt = S

266.2

0.8/30	1.2/20	2.2/18	2.2/10	2.2	2.2/4	1.4/5	1.7/10	2.6/20	2.7/30

265.7

0.8/30	1.3/23	3.0/18	2.9/10	2.7	2.6/3	2.2/5	2.5/10	2.9/20	3.3/30

263.72
4.68
93 = ℄ + N/y Frame House on Floor

266.1
+2.3
46.6 = S/y Frame House on Floor

1.03
31 = ℄ + S/y 1.8' Conc Wall

264.4

1.7/30	2.1/24	3.4/19	3.7/10	4.0	4.0/2	3.2/4	3.2/10	3.4/20	3.6/30

268.40

Jamacha Road

6+0					
+61	18.4 Rt of ℄ = Sly Power Pole				
+50					
+02	27.2 Lt of ℄ = Nly Tel Pole				
5+0					
+50					
+35					
TP	6.76	274.12	1.04	267.36	on Hub ℄ 4+34.65
+15	19.7 Rt of ℄ = Sly Power Pole				
4+0					

268.4°

Lt : H — ℄ — Rt : S

May 27-46
Sisson
of east
Woodall
Allen

268.72
10.32 55: Sly Stucco House on Floor

268.5

4.4/30	4.6/21	5.8/17	5.6/10	5.6	5.7/5	5.2/7	6.5/20	7.3/30

268.4

3.8/30	4.3/22	5.6/19	5.5/10	5.7	5.9/5	5.2/6	6.0/10	7.0/20	7.3/30

268.2

3.8/30	4.1/20	5.5/17	5.6/10	5.9	6.1/5	5.5/7	5.8/10	6.7/20	7.3/30

267.6

4.32 / 31' Sly Conc Drive 2 Ribbon	5.1/20	6.9/16	6.2/10	6.5	6.7/4	6.0/6	6.9/20	7.3/30

267.65
0.75
59: Rt Sly Frame House on Floor

5.88
183: Sly 3.5 Conc Walk

274.12

266.9

0.1/30	0.4/18	1.4/16	1.4/10	1.5	1.6/4	0.8/5	1.3/20	1.3/30

268.4°

Jamocha Road

Lt=N ℄ Rt=S

Station	Notes / Readings
+75	267.80 / 6.32; 42.5 = ℄ + N'ly Frame House on Floor
+50	4.5/30, 5.0/23, 6.7/20, 6.3/10, 267.8 / 6.3 (℄), 6.3/5, 5.9/7, 6.3/20, 7.0/30, 267.22 / 6.90; 40 = N E'ly Conc. Foundation For Garage
+25	26.5 Lt of ℄ = N'ly Tel Pole
+06	19.5 Rt of ℄ = S'ly Power Pole
7+0	4.8/30, 5.9/19, 6.4/18, 6.2/10, 267.8 / 6.3 (℄), 6.6/6, 6.0/7, 6.4/10, 6.2/20, 7.6/30
+80	273.94 / 6.18; 55.5 = ℄ + S'ly Stucco House
+56	3.08 / 15 on Dr.; 3.90 / 34.7 = ℄ + S'ly 2 Ribbon Conc. Drive
6+50	4.8, 5.2/23, 6.0/17, 6.1/10, 268.0 / 6.1 (℄), 6.4/5, 5.8/7, 5.9/10, 6.1/20, 7.3/30

274.12

274.12

Jomacho Road

Lt=N ℄ Rt=S

BM 7.55 266.57 on Mon 9+30.22 ℄

+21 = Wly Top of Ditch on Rt

267.5
4.3/30 4.7/22 6.4/17 6.1/10 6.6 7.0/3 4.7/8 5.3/20 5.8/30

9+0
267.6
4.0/30 4.4/23 5.6/22 6.5/18 6.3/10 6.5 6.8/4 6.5/6 5.5/10 5.33/19.8 = Top Cobble Wall 7.2/30 5.26/34.4 = ℄ of MH Cols House on Floor 268.86

+73
6.18/12.3 = ℄ of NH Conc Drive 22' 6.88/30 = ℄ 8.6' Conc Drive

+50
267.6
4.5/30 4.6/25 6.3/23 6.5/20 6.5/10 6.5 6.3/6 5.9/8 6.6/20 8.2/30

+28
6.67/19.8 = Ely Conc Wall on Top

8+0
267.6
4.4/30 4.5/24 6.3/23 6.6/20 6.4/10 6.5 6.9/7 5.2/9 6.6/13 6.83/19.8 = Top Conc Wall 7.8/21 8.1/30

274.12 274.12

Samocho Road

Station	Notes	Lt = N	CL	Rt = S
+50		3.4/30, 3.7/20, 5.6/15, 5.3/10	269.0 / 5.1	5.1/5, 4.4/7, 3.6/20, 3.4/30; 272.04 / 2.08 / 44 = Nly Front House on Floor
+35	26.5 Lt of CL = Nly Tel Pole			
+04	19.3 Rt of CL = Sly Power Pole			
10+0		4.7/30, 4.6/21, 6.2/16, 6.1/10	268.4 / 5.7	5.7/4, 5.1/10, 4.5/20, 5.6/30
9+68	272.88 / 1.24 / 55.2 = Lt Sly Front House on Floor			
9+50		5.0/30, 5.7/20, 6.1/17, 6.2/10	267.7 / 6.4	6.5/4, 5.7/6, 5.6/10, 4.6/20, 6.5/30
9+32	= Ely Top of Ditch on Rt.	4.7/30, 5.0/22, 6.4/17, 6.1/10	267.5 / 6.6	7.7/3, 5.8/10, 4.8/20, 6.0/30
9+26	= Bottom Ditch on Rt.	4.5/30, 4.5/22, 6.4/17, 6.2/10	267.5 / 6.6	7.7/3, 7.9/8, 8.5/20, 8.6/30, 8.8/50

274.12

274.12

Samacho Road

BM			6.14	300.97	3/4" Pipe S-L Lisbon East Line Lot 58 Lisbon Townsite
TP	10.48	307.11	0.71	296.63	
TP	12.34	297.34	0.61	285.00	
TP	12.39	285.61	0.90	273.22	
11+0					
10+67					
		274.12			

Lt: N | ℄ | Rt: S

270.4

2.7/30	3.8/20	4.4/16	4.0/10	3.7	3.1/10	3.0/20	3.6/38

2.87
21' Lt + H 4 2.5
Conc. Walk

274.12

Proposed Sewer Line 69th St
69th St to East Line of Lot 58

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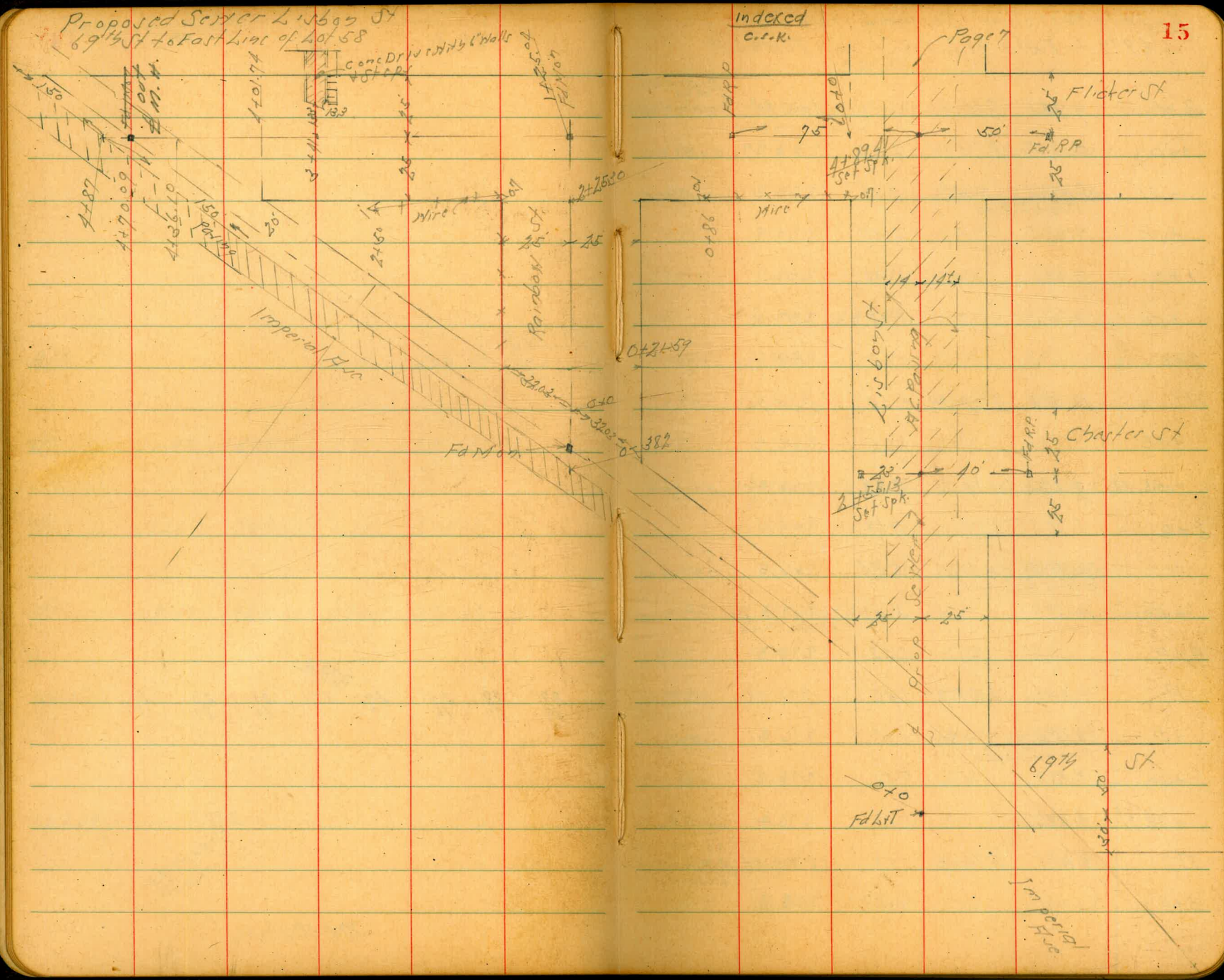

Levels Proposed Sewer Lisbon St.
69th to East Line Lot 58 Lisbon Town Site

BM	7.95	261.39		253.44	SH Box Culv. 2" Pipe Imperial & 69th
0+0	= 50' W of E.L. 69th St		8.00	253.39	on AC Pav.
+31	32' Rt of ℄ = Nwly Frame Bldg		8.12	253.3	on Floor
+50			6.54	254.9	
1+0			5.34	256.1	
+50			3.78	257.6	
2+0			1.75	259.6	
TP	11.53	272.29	0.63	260.76	
+50			10.11	262.2	
+55.13	= ℄ Chester St		9.88	262.4	on Spk
3+0			7.68	264.6	
"	36.5' Lt of ℄ : ℄ x Sly Calif House		5.84	266.5	on Floor
+50			5.02	267.3	
4+0			2.02	270.3	
TP	9.90	280.73	1.46	270.83	
+41	58' Lt of ℄ : ℄ x Sly Frame House		4.26	276.4	on Floor
+50			7.50	273.2	
+89.91	= ℄ Flicker		5.32	275.4	on Spk
TP	11.03	286.44	5.32	275.41	on Spk ℄ Flicker & Lisbon
5+0			10.51	275.9	

		286.44			
5+41	59.3' Lt of ℄ = ℄ x Sly of Calif House		5.21	281.2	on Floor
+50			8.14	278.3	
6+0			5.55	280.8	
+50			2.94	283.5	
7+0			0.53	285.9	
TP	11.57	297.48	0.53	285.91	
7+39.76	= ℄ Pidgeon St		9.85	287.63	on Spk
+50			9.46	288.0	
8+0			7.84	289.7	
"	20.5' Rt of ℄ : ℄ x Nly of Stucco House		5.18	292.3	on Floor
"	17' Lt of ℄ : ℄ x Sly of Shingle House		1.88	295.6	on Floor
+50			6.90	290.6	
+83	52' Rt of ℄ : ℄ x Nly Calif. House		5.5	292.0	on Floor
9+0			6.32	291.1	
+50			5.84	291.7	
10+0			5.13	292.4	
+50			4.18	293.3	
11+0			2.81	294.7	
+50			0.99	296.5	
TP	11.77	308.85	0.40	297.08	

Lisbon St.

308.85

11+58	50' Lt of ℄ = 7 x 7 Stucco House	7.00	301.9	on Floor
12+0		10.27	298.5	
+50		7.98	300.9	
13+0		5.50	303.3	
+41	65' Rt of ℄ = 7 x 14 Stucco House	7.62	301.3	on Floor
+50		8.54	305.4	
14+0		2.51	306.4	
+50		2.33	306.6	
+75	87' Lt of ℄ = 7 x 54 Frame House	18.5	317.4	on Floor
+85	65 Rt of ℄ = 7 x 14 Stucco House	4.3	304.6	on Floor
15+0		2.74	306.1	
+50		3.50	305.3	
16+0		4.56	304.2	
+50		5.88	303.0	
+96.46 = E Line Lot 58		7.38	301.4	on Spk
BM		7.88	300.97	W Pipe SL Lisbon FL Lot 58 300.97 Page 14

Cross Section Flicker St
Lisbon St to Imperial Ave
Sketch Page 15

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May 29-46

Station						Lt = W	℄	Rt = E
+52	18.7 Lt of ℄ = Wly Power Pole							
+50						7.1/25, 6.0/13, 6.2/10	277.1 / 5.9	5.7/4, 2.8/16, 2.1/25
+25.04	= ℄ Rainbow		6.36	276.59	on Mon	6.9/25, 5.6/14, 6.0/12, 6.0/10	277.3 / 5.7	5.5/4, 4.2/7, 3.3/10, 2.2/25
1+0						6.5/25, 5.8/15, 6.1/14, 6.0/10	277.3 / 5.7	5.6/3, 3.5/10, 2.6/25
+94						276.0 / 7.0 — 28.7 Lt Ely Garage Dirt Floor		
+50						7.2/25, 6.5/18, 6.9/16, 6.8/10	276.6 / 6.4	5.5/3, 4.7/10, 3.7/25
0+0	= N.L. Lisbon St.					7.8/25, 8.4/17, 8.0/10	275.7 / 7.5	6.1/3, 5.7/10, 5.0/25
B.M	7.54	282.95		275.41	Spike ℄ Lisbon + Flicker Page 11		282.95	

Flicker St.

Station	Notes	Lt.		℄		Rt.	
+32					10.00 / 12.3 = ℄ + W'ly 4.7' Conc Steps of Landing	4.95 / 25 Top Step	280.98 / 1.97 / 35 - W'ly Stucco House of Floor
+92	21' Lt of ℄ = W'ly Power Pole			273.4			
3+0		12.1/35, 11.1/25	9.5/14, 9.9/10	9.6	9.0/10	5.2/25	
+92			269.1 / 13.9 / 39 = ℄ + E'ly Dbl Garage plank Floor				
+63		10.00 / 25.1 = E'ly Conc Porch	9.43 / 15.2 = ℄ + E'ly 3 Conc Walk				
+50		272.9 / 10.1 / 27.8 = ℄ + E'ly Comb Frame & Calif. House of Floor; 10.5/25	8.9/16	274.6 / 8.4	8.5/5	4.3/20	4.0/25
2+0		7.7/25	7.4/13	276.2 / 6.8	6.6/6	3.3/16	2.8/25

282.95

282.95

Flicker St.

Station	Notes				Lt				℄	Rt			
									260.5				
4+87	= Ely Edge Paving	Taken on Line Paving			12.24 / 150	11.82 / 100	11.45 / 50		11.20'	10.91 / 50	10.46 / 100	10.00 / 150	
									260.7				
4+70.09	= East 20' Line Imperial	11.55	260.19	on Mon			11.23 / 14 = Ely Pav		11.0	11.3 / 10	10.8 / 25	10.8 / 35	
									263.2				
4+36.10					10.6 / 25	9.8 / 21	8.8 / 10	8.8 / 7	8.5	8.3 / 7	7.6 / 10	8.0 / 25	
TP	0.17	271.74	11.38	271.57					271.74				
									268.7				
4+01.74	= Ely Line of Imperial on Lt.					19.3 / 35	17.1 / 25	14.6 / 8	14.3	14.3 / 6	8.3 / 16	7.7 / 25	
									272.0				
+50					13.2 / 35	12.4 / 25	11.4 / 15	11.1 / 10	11.0	11.0 / 5	6.3 / 22	6.0 / 25	
									272.5				272.16
3+41					12.6 / 35	12.1 / 25	10.9 / 15	10.7 / 10	10.5	10.8 / 10	11.30 / 13.3 = Lt Hill Conc Drive	10.98 / 25 on Dr.	10.79 / 35 = Lt Hill Garage under House
		282.95							282.95				

Cross Section Pidgeon St
Lisbon to Foster St.
Sketch page 7

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c.s.k.

See F.B. 1766 / 21 9/16/49
C.H.S.

May 31 46
Sisson
Ofenstein
Haddel
Allen

Sta.	+	H.I.	−	Elev.	Remarks
+70					
TP	8.35	307.69	0.47	299.34	
+50	18' Lt of ℄ = Wly Power Pole				
+30					
1+0					
+50					8.1 / 35
+25					
0+0	= N.L. Lisbon				
B.M	12.18	299.81		287.63	Spike ℄ Lisbon & Pidgeon Page 16

Sta.	Lt = W					℄	Rt = E		
+70	9.4 / 25	8.7 / 25	8.6 / 19	7.2 / 15	7.4 / 12	309.6 / 7.1	7.3 / 5	5.3 / 10	3.8 / 25
TP						307.69			
+30	298.4 / 1.40 34' Lt Ely Cor of House on Floor	2.4 / 25	2.1 / 14	1.6 / 5		298.1 / 1.7	1.7 / 3	+0.1 / 9	+0.8 / 25
1+0	4.8 / 35	3.9 / 25	3.5 / 19	4.1 / 16	3.3 / 5	296.3 / 3.5	3.7 / 3	1.8 / 9	1.3 / 25
+50	7.7 / 25	7.5 / 16	8.4 / 14	8.1 / 10	7.8 / 5	291.7 / 8.1	8.3 / 3	6.9 / 10	6.2 / 25
+25	10.4 / 35	9.9 / 25	9.6 / 18	10.6 / 13	10.2 / 10	289.9 / 9.9	9.8 / 6	9.1 / 10	7.7 / 25
0+0	11.4 / 25	11.5 / 20	12.8 / 17	12.2 / 10		288.1 / 11.7	11.6 / 5	10.2 / 10	9.5 / 25
B.M						299.81			

Pidgeon St.

+02	16.7 Lt of ℄ = Wly Power Pole	
3+0		Lt: W ℄ Rt: E — 302.5 — 9.6/35, 7.91/25 on Walk Lt T, 6.79/15.5 = Lt Ely Conc Walk 3.6 wide, 5.8/10, 5.2, 4.3/10, 1.5/19, 0.6/25
+83	21' Rt of ℄ = Ely 12" Olive Tree	
+64	21' Rt of ℄ = Ely 12" Olive Tree Double	
+50		302.6 — 9.3/35, 7.9/25, 5.8/10, 5.1, 4.8/8, 1.8/18, 0.5/25
+44	22' Rt of ℄ = Ely 12" Olive Tree	9.46/38 on Conc Drive, 7.66/21.5 = Lt Ely 2 Ribbon Conc Drive
+24	20.3 Rt of ℄ = Ely 40 Olive Tree	
+21		300.0 — 7.7/33 = Lt Ely Front House on Floor
+03		8.36/24 = Lt Ely 18 Conc Walk
2+0		301.8 — 8.5/35, 8.3/25, 8.2/20, 6.2/14, 5.9, 5.9/5, 4.0/10, 2.3/25

307.69 307.69

Pidgeon St.

Station					Lt.	℄	Rt.
4+0					9.2/35 8.1/25 5.5/10	298.6 / 4.2	3.3/10 3.3/16 9.8/21 0.3/25
+94					8.81/35 on Conc Drive; 5.92/16.5 = ℄ + Ely 12.5' Conc Drive		
TP	3.34	302.80	8.23	299.46		302.80	
+68					295.49 / 12.20 / 38 = ℄ + Ely Front House on Floor		
+52					12.5/35 12.4/25 12.2/17 7.06/16 Top Rubble Wall 7.3/10	301.3 / 6.4	5.6/10 3.0/15 1.1/25
+50					9.7/35 9.6/25 8.98/17 on Ely Wall 7.41/16.5 = Top Rubble Wall 7.3/10	301.3 / 6.4	5.5/10 2.9/15 1.2/25
+43	20' Rt of ℄ = Ely 6" Olive Tree						
3+22					298.67 / 9.17 / 31 = ℄ + Ely Frame House on Floor; 8.9/25 8.7/16 6.92/15 = Top Rubble Wall 6.1/8	302.3 / 5.4	4.9/10 2.5/15 0.6/25
		307.69				307.69	

Pidgeon St.

BM			17.87	260.20	on Mon Flickert Imperial 260.19 P20
TP	0.18	278.07	12.21	277.89	
TP	0.12	290.10	12.82	289.98	
5+50.04 = N.L. Foster			10.37	292.43	on Mon ℄ Pidgeon N.L. Foster
+31					
+19					
5+00.04 = S.L. Foster					
+56	16' Lt of ℄ = W'ly Power Pole				
+50					
4+41					
		302.80			

300.94
292.43
8.51

Lt.				℄		Rt.	
	17.0/35	14.9/25	11.6/10	292.6 / 10.2	8.3/10	4.9/25 +	2.3/10
16.1/35	14.3/25	11.5/17	10.1/10	293.4 / 9.4	7.9/10	4.8/25	3.2/35
21.9/50	17.3/25		14.6/10	289.4 / 13.4	11.5/15	9.6/25	5.8/35
16.2/35	15.0/25	14.5/19	11.1/10	293.6 / 9.2	7.6/10	4.8/25	
	12.5/35	11.2/25	8.7/10	295.4 / 7.4	5.9/10	3.7/21	2.7/25
						1.86 / 27.7 + W¼' Conc Walk	0.0 / 37 on Walk

302.80
1.86
300.94

Proposed Sewer No Home Lane
From Jamacha Road
Sketch Page 7

BM	9.48	276.84		267.36	on Hub # 4+34.65 Jamacha Road Page 6
0+0	= 2+42.91 Jamacha Rd.		12.78	264.06	on Stub
+18			11.9	264.9	
+31			10.7	266.1	
+50			10.0	266.8	
1+0			8.6	268.2	
+50			6.7	270.1	
"	75' West of ℄		5.0	271.8	
2+0			3.9	272.9	
+50			1.1	275.7	
TP	11.67	288.43	0.08	276.76	
3+0			9.4	279.0	
+15	435' Lt of ℄ = ℄ + Ely Frame House		4.92	283.51	on Floor
+50			6.7	281.7	
+57	78' Lt of ℄		5.3	283.1	on Ground
"	" " " = ℄ + Wly Calif House		2.45	285.98	on Floor
4+0			3.7	284.7	
+50			0.8	287.6	
TP	12.76	300.45	0.74	287.69	
+70			11.4	289.1	

Indexed C.S.K.

		300.45			
4+93.5	= Sly AC Paving		8.7	291.8	
5+0	" " "		8.15	292.30	
+18	= Nly AC		8.2	292.3	
+50			6.1	294.4	
+96	21' Rt of ℄ = ℄ + Wly From House		0.23	300.22	on Floor
6+0	℄ = Ely Oil + Rock Pav		2.6	297.9	
TP	12.42	312.43	0.44	300.01	
+50			9.6	302.8	
+80	118' Lt of ℄		4.1	308.3	on Ground
"	118' Lt of ℄ = SE Cor From House		1.92	310.51	on Floor
7+0	℄ = Ely Oil + Rock Pav		4.1	308.3	
TP	12.81	325.23	0.01	312.42	
+26	41' Rt of ℄ = ℄ + Wly of Frame House		10.4	314.8	on Floor
+50			9.6	315.6	
"	71' Rt of ℄ = ℄ + Wly of Frame House		10.5	314.7	on Floor
+83	35' Rt of ℄		4.1	321.1	Ground
"	35' Rt of ℄ = NW Cor Frame House		2.70	323.53	on Floor
+95	111' Lt of ℄		1.6	323.6	on Ground
"	111' Lt of ℄ = SE Cor + 1.9 Frame House			327.1	on Floo
8+0	℄ = Ely Rock + Oil Pav.		2.3	327.5	

No Name Lane

		325.23			
TP	12.00	336.42	0.81	324.42	
8+50			6.5	329.9	
9+0	℄ = 2.5 W of E Edge Pav		0.9	335.5	
TP	8.10	343.62	0.90	335.52	
+30			6.0	337.6	
+50			5.5	338.1	
+80	28.4 Lt of ℄ = N E Cor Frame House		7.55	336.07	on Floor
10+0	℄ = ℄ Oil Rock Pav		5.5	338.1	
+27	9' Lt of ℄ : ℄ Ely Stucco House		8.0	335.6	on Floor
+50			5.7	337.9	
+55	12 Lt of ℄ : ℄ Ely Calif House		10.5	333.1	on Floor
+80			6.2	337.4	
TP	4.30	339.82	8.10	335.52	
TP	1.02	329.01	11.83	327.99	
TP	1.40	317.54	12.87	316.14	
TP	3.63	309.19	11.98	305.56	
BM			8.23	300.96	3/4 Pipe SL Lis on East Line Lot 58 300.97 Page 14

Cross Section Rainbow St.
Imperial Ave to Flicker St.
Sketch Page 15

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C.S.K.

1+0					
0+50					
TP	12.11	275.12	0.01	263.01	
+21.59					
+06	7.4 Lt of ℄ = Sly 1.6' Euc. Tree				
+01	2' Lt of ℄ = Sly 1.7' Euc. Tree				
0+0	= East Line of Imperial Taken on Diagonal				
0-26.42			7.11		on Mon
0-38.2	- Ely Paving on Imperial Taken on Line of Paving				
BM	9.58	263.02		253.44	S W Box Culv 2" Pipe Imperial + 69th

June 1-41
Sisson
Ofenstein
Waddel
Allen

	Lt = N		℄		Rt = S	
11.2 / 50	10.0 / 25	9.5 / 12	266.2 / 8.9	7.6 / 10	6.8 / 25	
	13.6 / 25	12.3 / 14	262.8 / 12.3	11.3 / 5	11.0 / 17	11.3 / 25
			275.12			
	3.3 / 25	4.0 / 10	258.9 / 4.1	3.7 / 10	2.1 / 20	2.0 / 25
	3.3 / 32 = HL	4.9 / 15	257.0 / 6.0	6.4 / 15	6.6 / 32 = SL	
5.74 / 100		6.26 / 50	257.21 / 6.81	7.26 / 50	7.72 / 100	
			263.02			

Rainbow St.

Station					Notes
BM			4.71	276.59	on Mon. Z Flicker + Rainbow 276.59 Page 18
2+25.3 = W.L. Flicker					
TP	7.30	281.30	1.12	274.00	
2+0					
1+50					
1+29					
		275.12			

Lt=N				℄		Rt=S
	5.4 / 25		5.4 / 12	275.9 / 5.4	4.7 / 15	5.2 / 25
				281.30		
0.6 / 35	0.6 / 25	1.4 / 18	0.7 / 10	273.9 / 1.2	1.1 / 13	0.9 / 25
	6.0 / 35	5.5 / 25	5.3 / 12	269.7 / 5.4	4.4 / 20	4.5 / 25
		268.79 / 6.53 / 45 = S.E. Cor Frame House on Floor				
				275.12		

Proposed Sewer Imperial Ave
Ritchey St to Foster St.

BM	3.92	234.22		230.30	7' Lt of W. L. Woodman 57' L. Imperial on Sealed Cover
0+0	= Exist. Man Hole		12.60	221.62	
+10			12.7	221.5	
+30			6.7	227.5	
+37	3' Rt of ℄ = N'ly Local Tree 18" Diam				
+50			6.1	228.1	
+55	4' Rt of ℄ = N'ly 10" Acacia Tree				
+82	4' Rt " " = " " " "				
1+0			5.3	228.9	
+0.8	5' Rt of ℄ = N'ly 6" Acacia Tree				
+14	5' Rt " " = N'ly Tel. Pole				
+21	2.1' Rt " " = N'ly Anchor Pole				
+31	4.5' Rt " " = " 7" Acacia Tree				
+50			5.0	229.2	
"	9.4' Lt of ℄ = S'ly Strip Paving		4.6	229.6	
+55	5' Rt of ℄ = N'ly 4" Acacia Tree				
+82	3.5' Rt " " = " 9" " "				
2+0			4.4	229.8	
+0.7	4.5' Rt of ℄ = N'ly 6" Acacia Tree				
+33	4' " " " " 9" " "				

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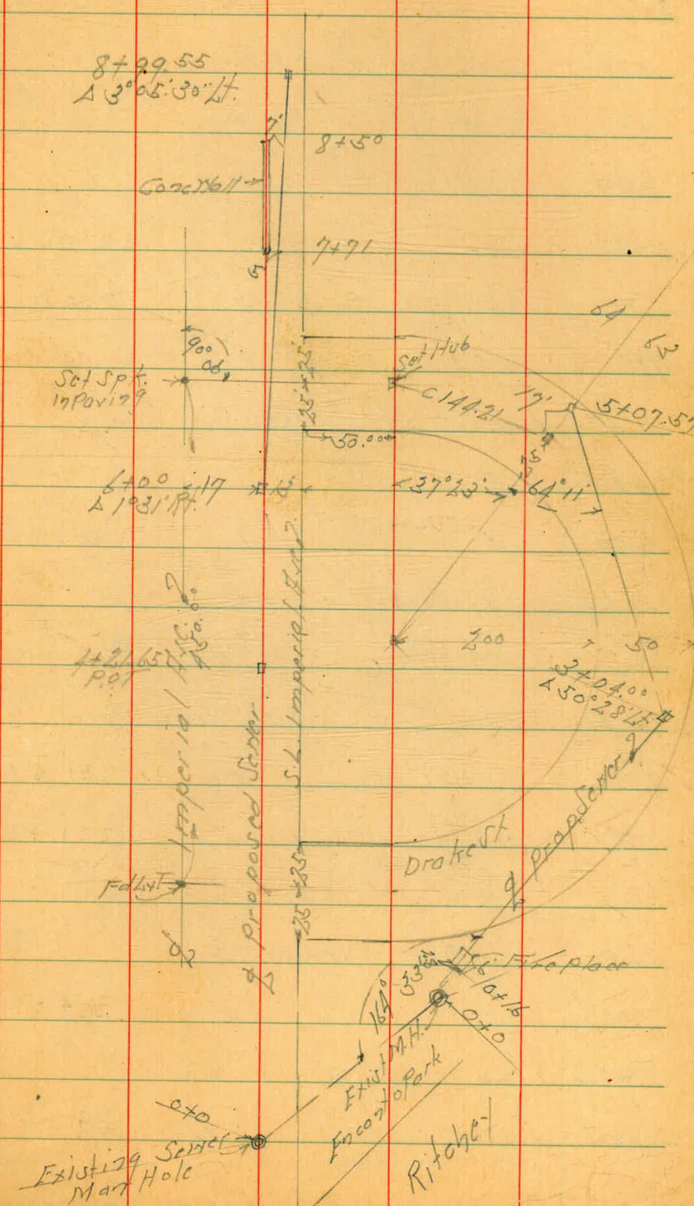
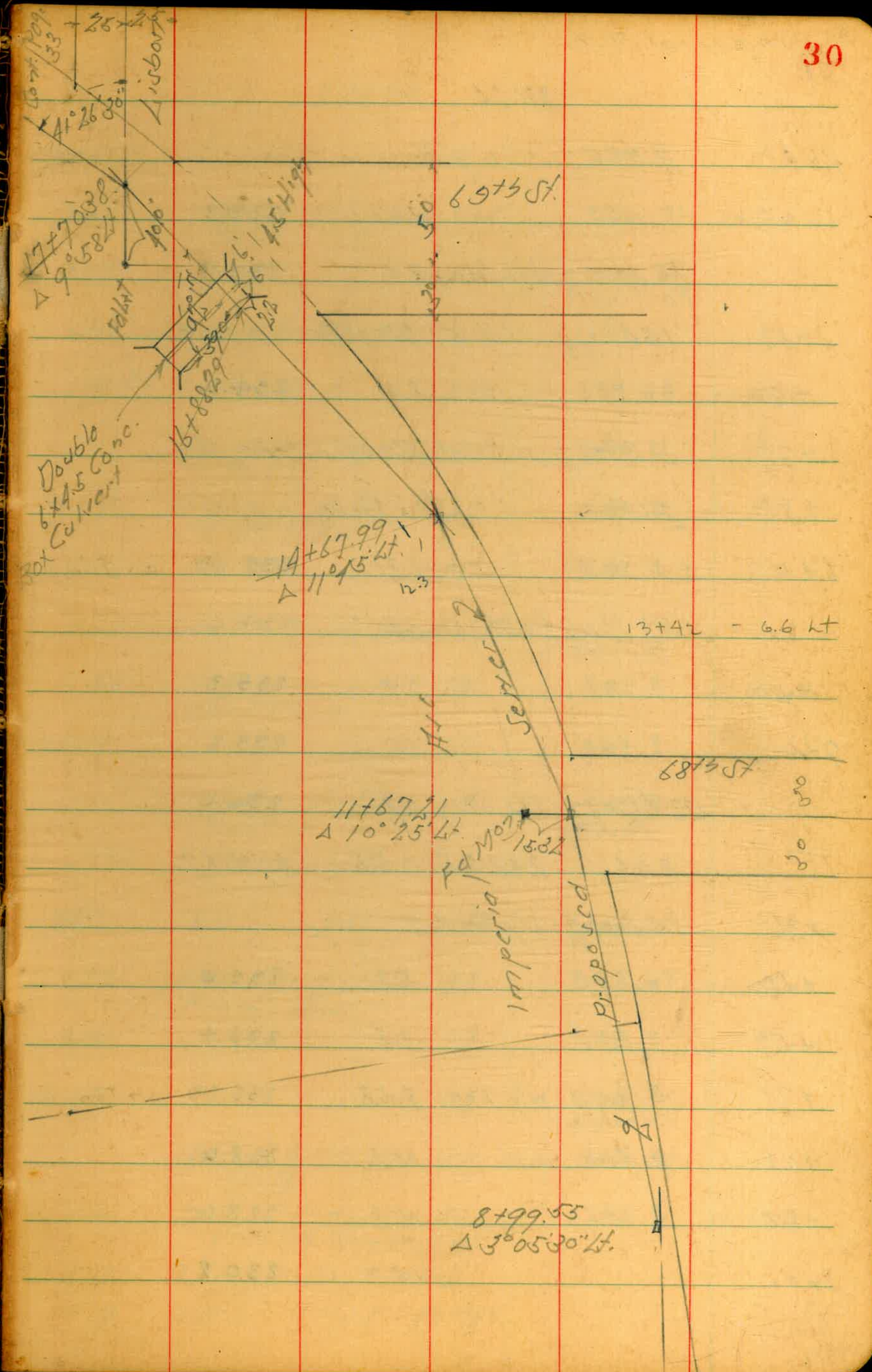


		234.22			
2+50	-		4.0	230.2	
+79	5' Rt of ℄ - N'ly 4" Acacia Tree				
+87	5.5 Rt " " " Tel Pole				
+99	4 Rt " " 7" Acacia Tree				
3+0			3.6	230.6	
"	9.5 Lt of ℄ - S'ly Strip Paving		3.7	230.5	
TP	5.84	236.24	3.82	230.40	
+22	4.2' Rt of ℄ - N'ly 12" Acacia Tree				
+45	4' " " " 12" " "				
+50			5.3	230.9	
+68	4.4 Rt of ℄ - N'ly 4" Acacia Tree				
+84	4.4 " " " Pow & Tel Pole				
+91	4.1' " " " 12" Acacia Tree				
4+0			4.6	231.6	
"	9.6 Lt of ℄ - S'ly Strip Paving		4.8	231.4	
+11	4' Rt of ℄ - N'ly 8" Acacia Tree				
+30	4 Rt " " - N'ly Tel Pole				
+50			4.1	232.2	
+55	3' Rt of ℄ - N'ly 9" Acacia Tree				
+63	2.55 Rt of ℄ - N'ly Shingle House		2.32	233.92	on Floor



Imperial Ave.

236.24

4+98	2' Rt of ℄ = Sly 7" Acacia Tree			
5+10		3.0	233.2	
"	9.6 Lt of ℄ = Sly Strip Paving	3.3	232.9	
+22	15 Rt of ℄ = Nly 5" Dead Acacia Tree			
+50		2.0	234.2	
+72	2' Rt of ℄ = Nly 12" Acacia Tree			
+88	25 Rt " " " Tel Pole			
6+0	= 61° 21' Rt	1.21	235.03	on Stub
"	9.6 Lt of ℄ = Sly Strip Paving	1.6	234.6	
+50		0.9	235.3	
7+0		1.0	235.2	
"	122 Lt of ℄ = Sly Strip Paving	0.2	236.0	
TP	8.06	243.75 0.55	235.69	
+26	1.6 Lt of ℄ = Sly Tel Pole			
+50		8.8	235.0	
+57		8.4	235.4	
+71	5' Lt of d = Nly Top Concrete Wall	8.52	235.23	on Top
+72	= Bottom Wall	15.2	228.6	
+85	" "	15.2	228.6	
8+0		13.0	230.8	

240.75

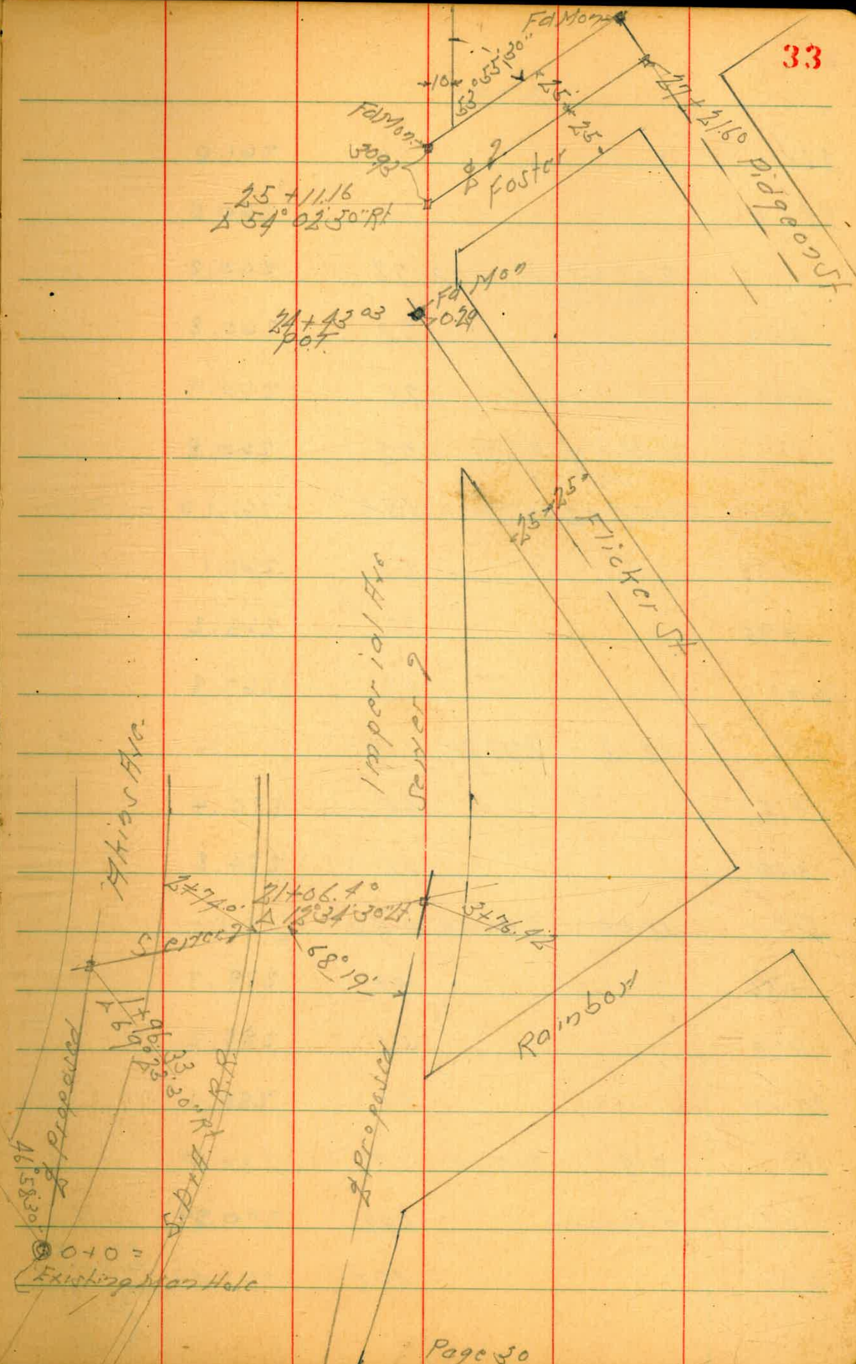
8+41		13.0	230.8	
+50	7' Lt of ℄ = Sly Conc Well	9.04	236.71	on Top
+62		5.5	238.3	
+71	6' Lt of ℄ = Sly Tel Pole			
+99.55	Δ 6° 08' 30" Lt	1.17	239.58	on Stub
"	17.6 Lt of ℄ = Sly Strip Paving	3.6	240.2	
9+40	56.5 Rt of ℄ = Nly Shingle House	3.6	240.2	on Floor
+50		2.6	241.2	
+74	5.5 Lt of ℄ = Sly Anchor Pole			
+84	36' Rt of ℄ = Nly Calif. House	1.9	241.9	on Floor
10+0		1.1	242.7	
"	14.6 Lt of ℄ = Sly Strip Paving	0.9	242.9	
+17	5' Lt of ℄ = Sly Tel Pole			
TP	8.01	251.07 0.69	243.06	
+25	74' Rt of ℄ = Nly Frame House	8.4	242.67	on Floor
+50		7.2	243.9	
11+0		5.2	245.9	
"	16.6 Lt of ℄ = Sly Strip Paving	5.7	245.4	
+10	24 Rt of ℄ = Nly Stucco Bldg Store Room No.	5.2	245.8	on Floor
+13	3' Lt of ℄ = Sly Tel Pole			
+19	1' Lt " " = Sly 4" Sign Pipe			

		251.07			
11+19	16' Rt of ℄ = Nly & ℄ 1.68 Conc Island 3 Gas Pumps	4.72		246.35	on Conc
+36	34 Lt of ℄ = ℄ Fire Hyd.				
+40	= Nly Oil & Rock Pav.	4.7		246.4	
+67.21	℄ 68th St. ℄ Δ 10°25' Lt.	4.16		246.91	on Stub
+78	= Ely Oil & Rock Pav.	4.2		246.9	
12+0		3.5		247.6	
"	14.8 Lt of ℄ = Sly Strip Paving	3.4		247.7	
+09	92 Rt of ℄ = ℄ & Nly Frame Bldg	2.53		248.54	on Floor
+50		2.7		248.4	
+70	= Nly Oil Pav. For Gas Station	2.6		248.5	
13+0		2.3		248.8	
"	8.2 Lt of ℄ = Sly Strip Paving	2.3		248.8	
+25	220 Rt of ℄ = ℄ & Nly Bldg	1.9		249.2	on Floor
+42	11 Rt of ℄ = Nly & ℄ 21.8 Conc Island 4 Gas Pumps	1.62		249.45	on Conc
+50	on Oil Pav	1.8		249.3	
+57	287 Rt = ℄ & Nly Bldg on Floor	1.53		249.54	
14+0		1.7		249.4	
"	11 Lt of ℄ = Sly Strip Paving	1.4		249.7	
+12	= Ely Oil Paving For Gas Station	1.6		249.5	
+50		1.6		249.5	
+51	50 Rt of ℄ = ℄ & Nly Frame Floor	2.5		248.6	on Floor

		251.07			
14+67.99	Δ 11°45' Lt.		1.54	249.53	on Stub
TP	7.49	257.02	1.54	249.53	
+94	15 Rt of ℄ = Nly Anchor Pole				
15+0			6.3	250.7	
"	121 Lt of ℄ = SEly Strip Paving		6.4	250.6	
"	20' Rt of ℄		9.1	247.9	Ground
+50			6.2	250.8	
16+0			5.5	251.5	
"	6 Lt of ℄ = SEly Strip Paving		5.3	251.7	
"	15' Rt of ℄		9.6	247.4	Ground
+50			4.6	252.4	
+88.29			5.43	251.57	Top Conc Box
"	22 Rt of ℄ = S Nly Box Culv.		10.36	246.64	on Flow Line
17+0			4.4	252.6	
"	65 Lt of ℄ = SEly Strip Pav.		3.9	253.1	
+13	= SEly Oil & Rock Paving		4.1	252.9	
+50	on Oil & Rock Pv.		3.05	253.95	
+70.38	Δ 9°58' Lt = ℄ Lisbon St.		2.59	254.41	on Roof Tack 2" Pipe
BM	7.01	260.42	3.61	253.41	Sly Box Culv. Imperial & 69th 253.44
18+0			5.7	254.7	

Imperial Ave.

		260.42			
18+43	N Ely Oil+Rock Paving		5.5	254.9	
+50			5.5	254.9	
19+0			5.1	255.3	
	26 Lt of ℄ = SEly Strip Paving		5.1	255.3	
+22	9' Rt of ℄ = Wly Anchor Pole				
+50			4.8	255.6	
20+0			4.2	256.2	
"	66 Lt of ℄ = SEly Strip Paving		4.1	256.3	
+50			3.2	257.2	
21+0			1.3	259.1	
"	16 Lt of ℄ = S Ely Strip Paving		3.1	257.3	
+06.40	Δ 12°34'30" Lt		0.80	259.62	on Stake
TP	8.33	267.95	0.80	259.62	
+32	2' Rt of ℄ = Wly Anchor Pole				
+50			8.2	259.8	
22+0			8.1	259.9	
"	74 Lt of ℄ = Ely Strip Paving		9.6	258.4	
+50			8.0	260.0	
23+0	6.0' Rt of Wly Anchor Pole		8.2	259.8	
"	4.1 Lt of ℄ = Ely Strip Paving		8.5	259.5	



		267.95			
23+50			7.0	261.0	
24+0			7.5	260.5	
"	7' Lt of ℄ = Ely Strip Paving		7.8	260.2	
+50			7.2	260.8	
25+0			7.1	260.9	
"	11' Lt of ℄ = Ely Strip Paving		7.2	260.8	
+11.16	= Δ 51° 02' 30" Rt		6.85	261.10	on Stub
+50			5.9	262.1	
+90			2.8	265.2	
26+0			0.2	267.8	
TP	12.13	278.89	1.19	266.76	
+18			8.5	270.4	
+30			4.1	274.8	
TP	12.55	290.56	0.88	278.01	
+50			10.9	279.7	
+78			5.4	285.2	
27+0			2.5	288.1	
TP	8.69	297.38	1.87	288.69	
+21.60	= ℄ Pidgeon		6.99	290.39	on Stub
BM			4.95	292.43	Mon. 8 Pidgeon & L. Foster 292.43 Page 34

Levels Proposed Sewer Akron Ave
Mod 69th St. North & East.
Sketch Page 33

BM	7.25	260.69		253.44	2" Pipe S-W. Box Culv. Imperial & 69th St.
040	= First Man Hole Akron & 69th St.		7.11	252.98	0.2 Rim
+50			7.6	253.1	
+69.	42 Rt of ℄ : NWly 20' Peppertree				
+76	55 Rt " " 13	" "	5.3	Lt of ℄ Wire Fence	
140			6.4	254.3	
+41	34 Rt of ℄ : NWly Tel Pole				
+50			6.9	253.8	
+96.33	= L 69°23'30" Rt		6.81	253.88	0.2 Stks
2+16			6.8	253.9	
+28	= Bottom Bank		11.1	249.6	
+46			2.5	258.2	
+50			5.5	255.5	
+59			6.1	254.6	
+65			3.8	256.9	
+74	= ℄ RR		3.21	257.48	0.2 NW Rail
+82			3.4	257.3	
+89			6.4	254.3	
3+0			6.8	253.9	
+08			8.6	252.1	

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		260.69			
3+18			8.8	251.9	
+27			5.9	256.8	
+41.4	= NWly Strip Paving		3.66	257.03	
+59.8	= SEly " "		3.30	257.39	
+65			3.3	257.4	
+76.42	= 21+06.40		1.04	259.65	0.2 Stks 259.62 - P.S.3

Levels Encanto Park + Drake St
Proposed Sewer
Sketch Page 29

BM	4.17	234.47		230.30	Lt + 5.7' L Imperial Ave W.L. Woodman
TP	12.29	240.44	6.32	228.15	
0+0	= Existing Man Hole		9.53	230.91	on Rim
"	"	" "	15.40	225.04	Flow Line
+50			9.6	230.8	
+74	76' Lt of ℄ = SW Cor Frame House		9.12	231.32	on Floor
1+0			8.0	232.2	
+42	= N'ly Dirt Road		6.4	234.0	
+60			6.2	234.2	
2+0			5.6	234.8	
+11	60' Lt of ℄ = SW Cor Calif. House		7.05	233.39	on Floor
+50	℄ Dirt Road		4.0	236.4	
+80			3.4	237.0	
3+01⁰⁰	= Δ 50°28' Lt		1.83	238.61	on Stub
+21	= S'ly Dirt Road		3.4	237.0	
+50			3.4	237.0	
+82	2' Rt of ℄ = 6" Local Tree				
TP	3.14	240.65	2.93	237.51	
4+0			4.1	236.6	
+22	35 Lt of ℄ Ely Tel Pole.				

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		240.65			
4+50			4.1	236.6	
+81	65' Rt of ℄ = SW Cor Frame House		+0.60	241.25	on Floor
5+0			5.6	235.1	
+07.57			5.33	235.32	on Stub
+09	2' Lt of ℄ = Ely 12" Pepper Tree				
+07.57	29.5 N ℄ = SW Cor Stucco House		3.77	336.88	on Floor
For Check			7.35	233.30	on Hub 9+58.81 233.2 +1660-52

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Levels on Prop. Sewer - new location
Encanto Park + Drake St.

B.M.	3.29	241.90		238.61	stub 3+04 P.36
0+00 = ℄ Exist M.H.	Incinerator	3' High	10.98	230.92	
0+15 = ℄	6x3' Cone + Tile		11.7	230.2	Inc. ground at
0+28 - 4.8' Rt = ℄	3" Euc. Tree				
0+50			11.0	230.9	
0+76 - 9' Rt. = ℄	12" Euc. Tree				
1+00			9.3	232.6	
	10' Rt.		7.6	234.3	
	20 Lt.		11.3	230.6	
1+50			7.8	234.1	
2+00			7.0	234.9	
	10 - Rt.		6.7	235.2	
	20 Lt.		8.6	233.3	
2+30			5.9	236.0	
2+62.78 =	Ang. 39°01' Lt.		5.16	236.74	on stub.
3+00			5.3	236.6	
	10' Rt.		4.8	237.1	
	9' Lt. = wire fence		6.4	235.5	

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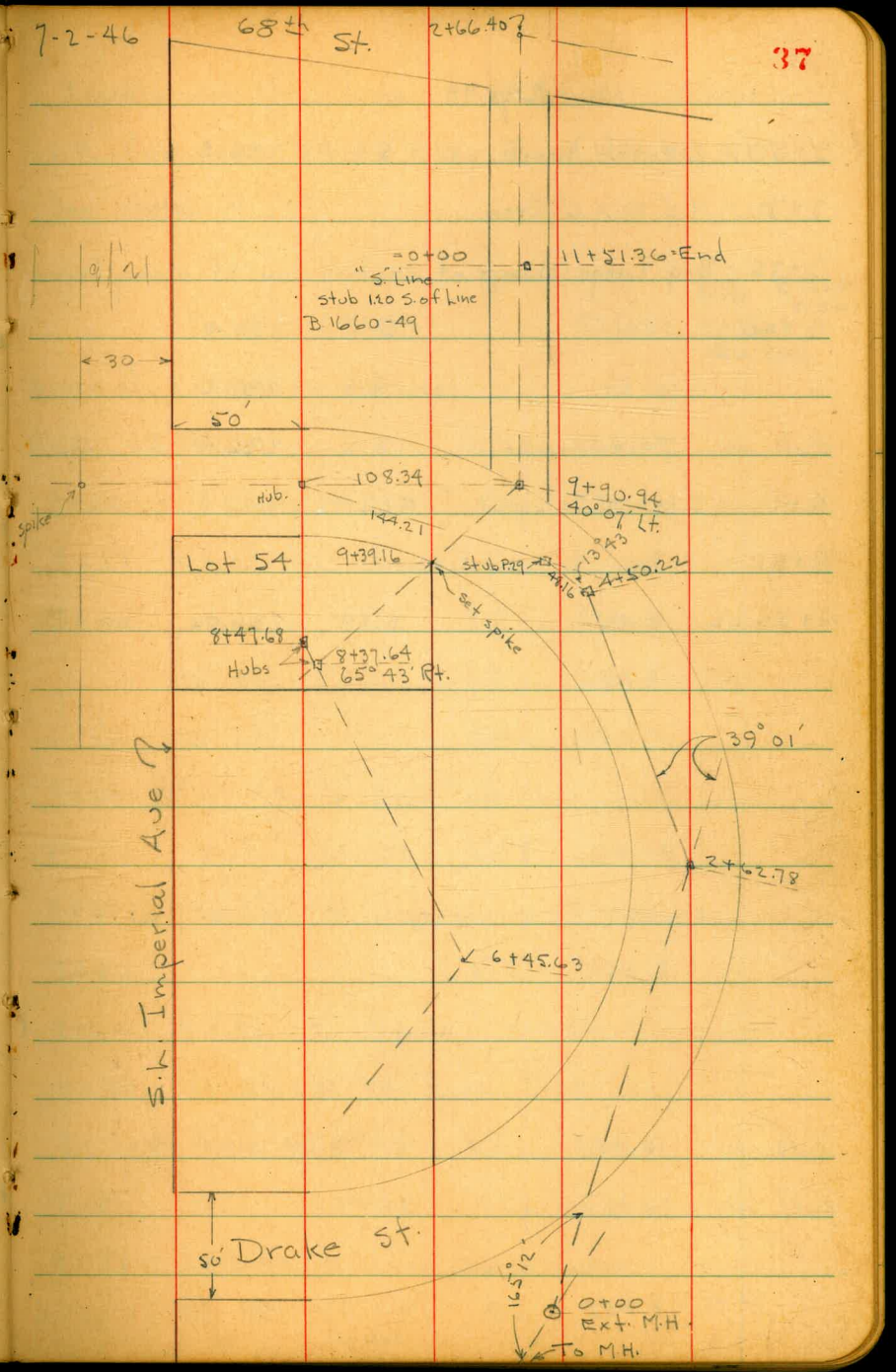

		241.90		
3+50 - 2.8 Lt. = fence		5.4	236.5	
3+72 - 9.5 Rt = 6" Tree				
3+85 - Beg. large clump of cactus on Lt. along fence				
4+00		5.5	236.4	
	10 Rt.	4.7	237.2	
	7' Lt. = fence	5.5	236.4	
4+12 - 5' Lt. = Tel. pole # 412447				
4+48 - .8' Rt. = ± 24" Euc.				
4+50.22 = End		5.84	236.06	on stub.

Levels on New Line Prop. Sewer Thru S.E. Cor. Lot 54 + Alley E. of Drake st.

See sketch P. 37

	10.17	236.49		226.32	Hub B 1660 P. 52 8+47.68 New Elev.
Begin at 8+37.64 on old Line					
Angle 65°43' Rt.			10.20	226.29	on Hub
8+60 = ± 8' Clump of Cactus			5.4	231.1	
8+88 - 2.8 Lt. = ±2" Acacia					
9+00			3.5	233.0	
	15' Rt.		3.7	232.8	
	15 Lt.		3.8	232.7	
9+24 - 5' Rt. = ± 6" Euc. Tree					
T.P.	5.19	239.33	2.35	234.14	
9+39.16 = Lot Cor. ± large clump of cactus					
9+50			5.5	233.8	
9+54 - 9.8 Rt. = ± P. pole # 70934					
9+84	14' Rt. = ± 30" Euc. Tree				
9+90.94	Angle 40°07' Lt		4.72	234.61	on stub.
T.P.	4.77	239.38	4.72	234.61	on stub.
9+98 -	28.7 Rt. = N.W. Cor Stucco house				
10+30 -	47' Rt. =	NE. Cor House	4.6	234.8	on ±

	239.38 House		
10+30 - 47' Rt. =	ground at	3.5	235.9
" "	floor house	1.98	237.40
10+50		4.5	234.9
11+00 = ℄	20" willow bush	4.2	235.2
15 Lt.		4.6	234.8
15 Rt.		3.8	235.6
11+22 - W. bank wash		4.4	235.0
11+38 = ℄ wash		10.5	228.9
15 Lt. - in wash		9.7	229.7
15 Rt. in wash		10.7	228.7
11+51.36 = end = 0+00 of "5" Line		6.83	232.55 on stub

Prelim. Location Prop. Sewer Stub from ℄ 68th E. on S. side Imperial Ave.

Beg. at 11+67.21 = See P.30 - Note: Topo. taken seems Complete on other line - will just show ℄ Profile on stub 11+67.21 P.32

B.M. 7.24 254.15		246.91	
11+67.21 = Beg.	7.24	246.91	on stub.
11+78.7 = edge of pave	7.30	246.9	
12+00 - 14' Lt. = Gas line	6.6	247.6	
+50	5.8	248.4	
13+00 - 8' Lt. = Gas Line	5.4	248.8	
+50	4.9	249.3	
13+79 = Δ 4° 45' Lt.	4.70	249.45	on spike
14+00 - 8' Lt = Gas Line	4.6	249.6	
+50	4.3	249.9	
15+00	3.4	250.8	
15+19 = D.E.	4.10	250.05	on stub.
10 Rt.	6.4	247.8	
9.7 Lt. = Gas Line			
11.3 Lt. = edge pave	3.31	250.84	

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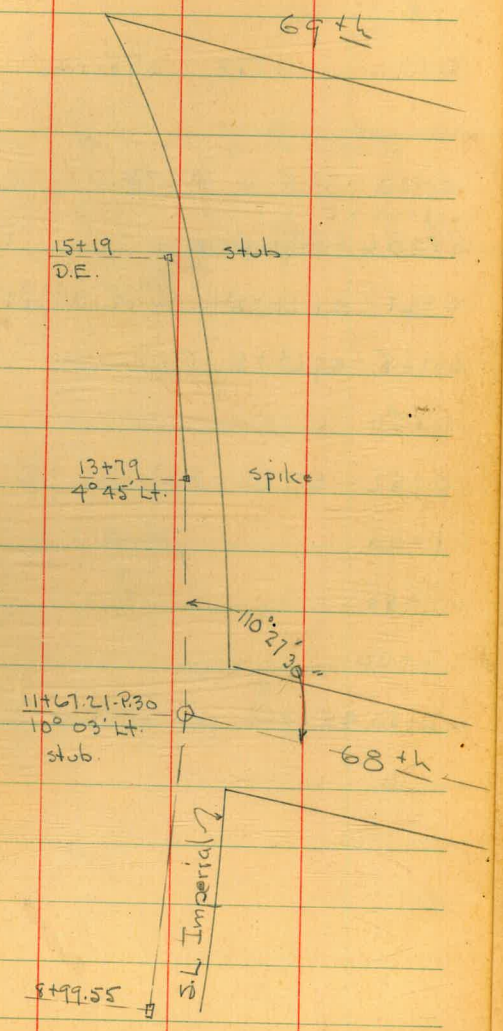

New location - Prop. Sewer - 69th + Lisbon
to miss Gas + Water Lines

B.M.	1.98	255.42	253.44	2" Pipe in Box Culvert.
0+00 on Lisbon Line P.15				
0+00 = 34.5 E. of C.t.	1.10	254.32	on Pave.	
0+08.4 - 2.3 Rt. = ℄ 8" Gate cap.				
0+20.6 = edge pave	1.78	253.64		
			old Bld.	
0+21 - 4.1 Lt. = Nly. Cor of Dubbed doorway			on N.W. Cor.	
0+26.5 - 0.9 Lt. = Sly. Cor. doorway	2.18	253.24	on floor	
0+50	4.6	250.8		
0+52 - 5.3 Lt. = S.W. Cor. Bld.				
1+00	6.4	249.0		
+50	7.1	248.3		
2+00	7.7	247.7		
	on 69th			
2+50.45 = end. join old line	8.04	247.38	on. stub	

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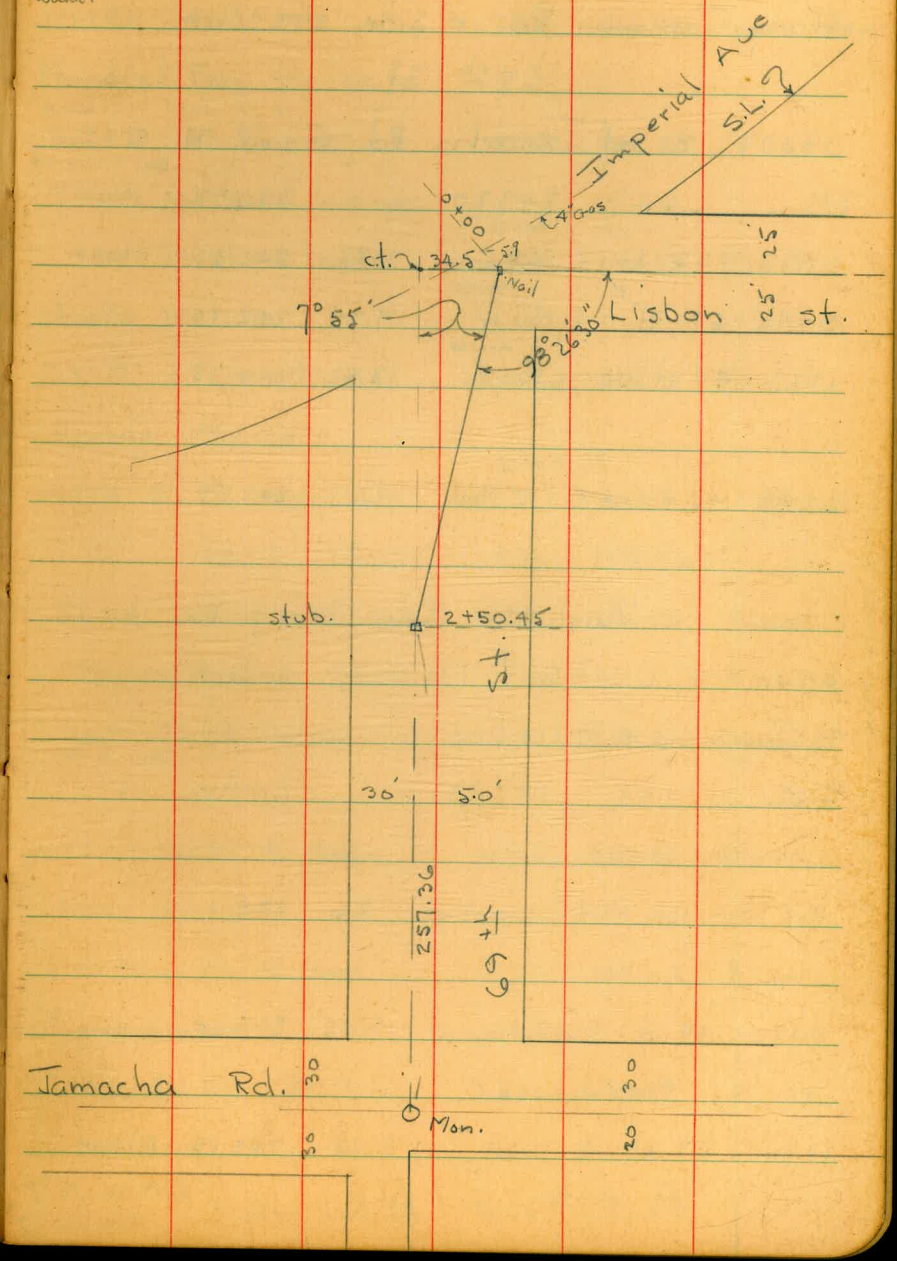

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Location of Houses and floor Elev. along Jamacha Rd. & side sts. - Sketch 1681-32

68th St.

0+00 = ℄ of Jamacha Rd. - Going N.					℄ = Base line Nail 2+66.40 1660-49
BM.	6.27 W.	247.20 House		240.93	
0+33 - 52' Lt. = ℄ Small frame			4.87	242.33	Floor
0+45 - 52' Rt. E. = ℄ Med. fr. House			4.24	242.96	"
1+23 - 49' Lt. of ℄ = ℄ Med. fr. House			2.82	244.38	
1+44 - 45' Rt of ℄ = ℄ Med. fr. House			1.27	245.93	

Jamacha Rd. Going E.

0+00 = E.L. of 68th (to match X-Sect.) ℄ Jamacha = Base line					
B.M.	1.87	247.73		245.86	Mon. ℄ Jam. & 69th
0+70 - 100' Rt. (S.) = Vacant lot.			8.6	239.1	
0+92 - 49' Lt = Foundation of Prop. House			3.05	244.68	Approx. floor
1+75 - 57' Rt. = ℄ small fr. House			3.98	243.75	Floor
		247.73			
1+91 - 48' Lt. = ℄ of Found. of Prop. House			2.95	244.78	Approx. floor
2+42 - 43 Rt = ℄ of upstairs Apt over doub. gar.			4.93	242.80	Floor
2+83 - 73' Rt = ℄ Large stucco House			2.90	244.83	Floor
3+29 - 69' Lt. = ℄ Med. frame House			2.02	245.71	Floor
4+00 - 85' Rt. = Vacant Lot.			4.1	243.6	ground.
T.P.	10.89	256.75	1.87	245.86	
5+04 - 50' Rt. = ℄ Med Frame House			8.37	246.38	Floor
6+00 - 75' Lt. Vacant			6.3	250.5	ground.
6+03 = 50 Rt. = ℄ Med. frame House			5.38	251.37	Floor
7+00 - 116' Rt. = ℄ Small frame House			7.63	249.12	Floor
7+30 = 50 Rt. = ℄ Med. frame House			3.51	253.24	Floor
T.P. on Mon. & Chester	11.32	262.82	5.25	251.50	

262.82

Note! E. of F.L. of 69th Base line or prop. Sewer is 30' from N.L. and 20' from S.L. of Jamacha

8+00 60 Lt. = Vac. Lot		8.0	254.8	
8+45 - 60 Rt. = Vac. Lot.		8.8	254.0	
9+10 - 48' Rt. = ℄ Med. frame House		5.99	256.83	Floor
B.M. For Flicker		0.45	262.37	on rock
9+89 - 48' Rt. = ℄ small Frame House		4.64	258.18	Floor
10+68 - 61 Lt. = ℄ Med. Stucco House		0.88	261.94	
11+00 - 80' Rt. = Vac. Lot.		4.7	258.1	
12+77 - 65' Rt. = ℄ Small frame House		+ 0.24	263.06	Floor.
check BM. Mon. & Pidgeon	3.59	259.23	1681 P.45 259.21	

Pidgeon St. N. from Jamacha Rd.

0+00 = 30' S. of N.L. Jamacha				℄ = base Line	
B.M.	12.71	271.92		259.21	Mon & Pidgeon
1+00 - 100 Rt. = Vacant Lot.			2.8	269.1	
100' Lt. = Vacant Lot			9.0	262.9	
T.P.	12.66	284.40	0.18	271.74	
T.P.	12.73	296.87	0.26	284.14	
2+62 - 67' Rt. = ℄ Med. frame House			10.98	285.89	Floor
3+16 - 59' Rt. = ℄ Med. frame House			3.07	293.80	Floor
3+55 - 47' Lt. = ℄ Large frame House = Highest point on Hill			3.13	293.74	Floor
75' Rt. High pt. on E.			2.7	294.2	ground
Check walk 1+53 - 1681 P.51			4.10	292.77	292.78

Flicker St. N. from Sewer in Jamacha Rd

0+00 = 30' S. of N.L. Jamacha			℄ = Base	
B.M.	11.57	273.94	262.37	Rock P. 43
1+00 - 32.5 Lt. = ℄ Med.		14.15	259.79	Floor
frame House				
2+05 - 26' Rt. = ℄ 5'		7.00	266.94	on edge walk
Conc. walk				
2+07 - 41 Rt. = ℄ Small		3.62	270.32	Floor
frame House				
2+10 - 75' Lt. = Vacant Lot		9.5	5	
T.P.	12.46	285.18	1.22	272.72
3+30 - opp. Highest ground				
60 Rt.			1.0	272.9
85 Lt.			15.7	258.2

Chester St. N. from Sewer in Jamacha Rd.

0+00 = 30' S. of N.L. Jamacha			℄ = Base Mon. ℄ Chester + Jamacha	
B.M.	12.67	264.18	251.51	
1+00 - 100' Lt. = Vac Lot		11.7	252.5	ground
- 75' Rt. = " "		8.5	255.7	"
2+20 - 89' Lt. = ℄ Small		3.08	261.10	Floor
frame House				
- 75' Rt. = Vac. Lot.		1.0	263.2	
T.P	10.87	274.12	0.93	263.25
3+65 = High point				
- 75' Rt. = Vac. Lot.		3.9	270.2	
- 75 Lt. = " "		11.8	262.3	

69th± St. N. from Sewer in Jamacha Rd.

0+00 = Mon. on ℄ Jamacha to W. and 50' W. of F.L.

69th± - Line 50' W. of F.L. = Base line

B.M.	9.91	257.29		247.38	2+50.45 ℄ R41 stub.
1+00 - 75' Rt. = Vac. Lot.			7.7	249.6	
2+14 - 68' Rt. = ± Small frame House			2.61	254.68	Floor
- 75' Lt. = Vac. Lot			12.0	245.3	
2+66 - 67' Rt. = ± Small frame House			0.30	256.99	Floor
3+60 - 75' Rt. = Vac. Lot			8.9	248.4	
70' Lt. = " "			10.3	247.0	

New Loc. of Prop. sewer thru lots bounded by Drake St. - Encanto Park add.

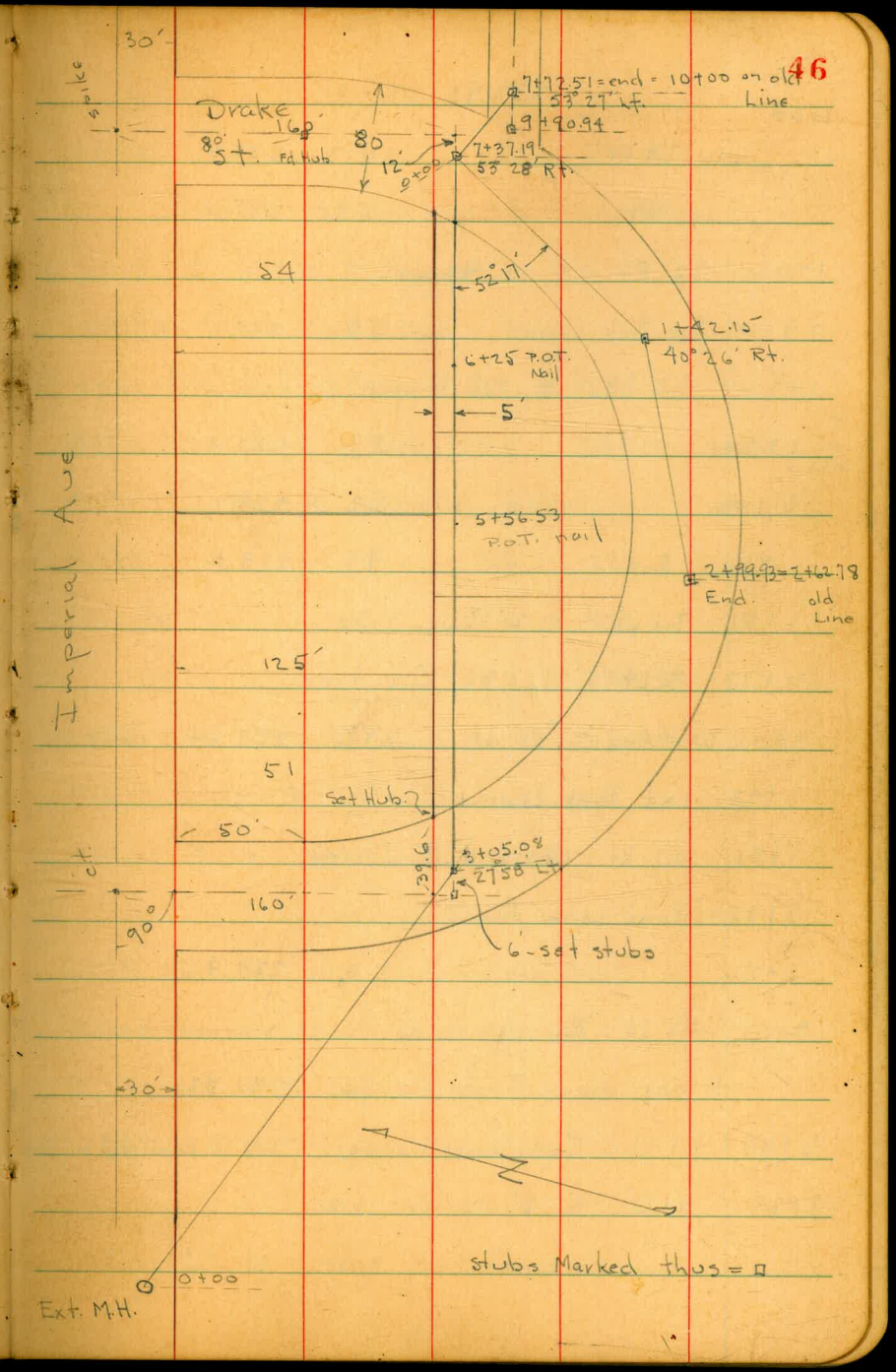
See p. 37 for last one.

7-25-46

Osborne
McCoy
Hardin
Waddel

Levels on Line starting 0+00 on Ext. M.H. near Bridge at Imperial + Woodman.

B.M.	0.49	237.23		236.74
T.P.	3.57	232.93	7.87	229.36
Ext M.H. 0+00 =	Conc Cover-Sealed Top M.H.		11.29	2'21.64
	ground		12.5'	220.4
0+35			7.6	225.3
10 - Lt.			6.0	226.9
10 - Rt.			10.7	222.2
0+70 = ℄ Creek bed			11.9	221.0
10 - Lt			12.0	220.9
10 - Rt.			11.8	221.1
1+00			8.6	224.3



	232.93			
1+00				
10 Lt		10.3	222.6	
10 - Rt.		5.9	227.0	
1+06 - 9.5' Rt. = ℄ 12" Pepper				
1+10 - Beg. Park Lawn.		5.8	227.1	
1+22 - 4.6 Lt. = ℄ 13" Pepper				
1+50		5.7	227.2	
2+00		5.2	227.7	
+50		4.9	228.0	
2+51 - 3.1 Lt. = ℄ 2" Euc. tree				
2+77 - 3' Lt. = Sly. 36" Euc. tree				
3+05.08 = Ang 27°58' Lt.		3.89	229.04	on Stub
3+23 = End Park Lawn				
3+31 - 4.7 Rt = Nly 26" Euc. tree				
3+38 = Poor Lath fence				
3+50		3.0	229.9	
3+51 - 4.5 Lt. = Cor. Med. House.				
Floor elev.		1.56	231.37	
3+63 - 4.1 Lt. = Cor. Same House - This is Small add. on back				
3+84 - 8.1 Lt. = ℄ 5" Apricot tree				

	232.93			
4+00			2.7	230.2
I.P.	4.33	235.43	1.83	231.10
4+15 - 8' Lt. = ℄ 8" Pepper				
4+19.5 = Cross board fence				
4+22 = Top bank of Creek			5.2	230.2
4+30 = Bot. bank - in creek			12.4	223.0
4+31 - 6' Rt. = ℄ 10" Holley bush				Level both sides
4+60			8.6	226.8
10 Rt			9.8	225.6
10 Lt.			4.9	230.5
Floor elev. = 4.5				
4+55 - 6.2' Lt. = ℄ Small House				230.9
4+61 = 2' Rt. = ℄ 24" Willow Stump.				
4+70 - 4' Lt. = Sly. 36" Euc. tree				
4+74 - 5.5 Lt. = edge of Small old shed.				
Creek swings about 25' S. here.				
4+83 - 6.4 Lt. = Sly. of 40" Euc.				
+87 - 9.4 Lt. = Sly. of 36" Euc.				
+91 - 7.2 Lt. = edge Poor fence - (board.)				

	235.43		
4+9.8 - 32' Rt. = ℄ Small House	2.70	232.7	Floor
5+00 - ℄ Creek	10.2	225.2	
-10 Rt.	10.4	225.0	
-5 Lt. for Sept. Tank. from N.	10.4	225.0	
10 Lt. = F.L. of outlet	7.40	228.0	
5+04 - 21 Rt. = ℄ of 5x5' Conc. top to Septic tank 7.5' Deep	7.23	228.2	Top tank
5+07 - edge of creek	10.3	225.1	
10 Lt.	10.5	224.9	
10 Rt.	8.0	227.4	
5+08 - 61' Lt. = ℄ of Large House Floor elev.	1.1	234.3	
5+14 - 12.4 Rt. = Cor. Conc. slab for wash house Top. slab.	4.35	231.08	
5+26 = Top bank - level to Rt.	5.2	230.2	
10 Lt.	9.1	226.3	
5+28 - 4.6 Rt. = Cor. slab.	3.92	231.51	on slab

	235.43		
Ground nearly level from here on.			
5+35 - 10' Rt. = ℄ 15" large Holly			
5+50 - 2.8 Rt. = Cor. old wire fence			
5+50 - 6.6' Lt. = ℄ end of 4' Wooden foot bridge			
Top Bridge	4.6	230.8	
on ℄ Sewer	4.6	230.8	
T.P. 4.16	237.56	2.63	232.80
5+55 - 8.7 Lt. = Sly. 12" Tree			
5+67 - 8' Lt. = Sly. 12" Tree			
5+87 - 2.5 Lt. = Sly. 3" Fig tree			
6+00	5.6	232.0	
6+05 - 1.5' Lt. = Sly. 6" Lemon tree			
6+17 - 3' Lt. = Sly. 12" fig stump.			
6+19 - 7.7' Rt. = Nly. 12" Tree			

237.56

6+25 - Beg. group of Cactus beds both sides

6+33 - 27 Lt. = Sly. 2" Tropical Tree
6+38 - 8.8 Rt. = Nly 3" " "
6+39 - 11' Lt. = Sly. 4" Orange "
6+49 - end Cactus beds
6+50 5.2 232.4
6+51 - 2.3 Rt. = ℄ 2" Tropical tree
+53 - Cross - Lath fence - poor Cond
+54 - 3.8' Lt. = Sly. 9" Pepper

+68 - 1.5 Lt. = ℄ 2" Euc. tree
+90 - 4' Rt. = ℄ 2" Pepper
+92 - 1.5 Lt. = ℄ 2" Euc.

7+00 3.3 234.3

7+04 = edge of Large Cactus Hedge along line of Drake St.

237.56

7+12 = Cross wire fence + 6.3 Rt. = ℄ 8" Pepper

7+17 = E. edge of Cactus Hedge + 13' Rt. = ℄ P. pole

T.P. 8.12 241.70 3.98 233.58

7+37.19 = Ang. 53° 28' Rt. 7.95 233.75 on stub.

7+72.51 = Ang 53° 27' Lt. 7.14 234.42 on stub
= 10+00 on old Line

Check on stub 9+90.9t 7.07 234.63 ✓ P.38 234.61

Levels on Lateral in Drake st.

0+00 on Stub. 7+37.19 - See sketch P 46

From P. 49		241.70		
0+00		7.95	233.75	
0+30		7.5	234.2	
10' Rt. = edge of Large Cactus Hedge along fence on P.L. of Drake				
0+50 - 6' Rt. = edge Hedge		7.1	234.6	
1+00	6' Rt = Hedge	6.0	235.7	
+26	10' Rt. = "			
1+42.15 = Ang. 40° 26' Rt.		4.66	237.04	on stub.
1+60 - 10' Rt. = Hedge				
1+70 = edge graded road.		4.4	237.3	
+75 - 9.2' Rt. = end Cactus Hedge				
+80		5.1	236.6	

		241.70		
1+89 - 4.6 Lt. = ℄ 5" willow tree - (no good.)				
2+00 - 8' Rt. = beg wire fence		5.3	236.4	
+30 - 5.9 Rt. = fence		5.5	236.2	
10 Rt.		5.7	336.0	
10 Lt.		4.8	336.9	
2+50		5.5	237.2	
+60 - 10.8 Rt. = edge graded road fence		5.0	236.7	
2+99.93 = end = check.		4.97	236.73	236.74 on stub
= 2+62.78 on old Line				

Location - Poles + Drives - walks etc. on 30°

B = Back of cb. face - or base line

M.B. = Meter Box - water

Drives + Walks are Conc. unless Noted

otherwise

sidewalk

3+00 - 1.6 B = ℄ Pole

2+89 - 1.7 B = ℄ Pole

2+84 = ℄ 9.6' Dr.

14'

2+70

2+67 - 1.5 B = ℄ M.B.

2+57 - 3 B = ℄ 8" Acacia

2+50 = ℄ 3.5' walk

2+44.6 - 1.5 B = ℄ M.B.

2+43 - 2.7 B = ℄ 14" Acacia

2+39 - 2.1 B = ℄ M.B.

2+30 = ℄ 4' walk

2+03

2+06.2 - 1.7 B = ℄ M.B.

2+00.7 = ℄ 2' walk

2+08 = ℄ 11' Dr.

2+01 - 1.5 B = ℄ Pole

R-4036

1+96 - 1.6 B = ℄ Pole

1+93 - 2.7 B = ℄ 14" Acacia

1+80 = ℄ 9.6 Dr.

1+81 = ℄ 5.5' Conc walk

1+71.8 - 2.4 B = ℄ M.B.

1+69 - 2.6 B = ℄ 12" Acacia

1+56.5 = ℄ 5' walk

1+58 = ℄ 11' Dr.

1+50 - 1.5 B = ℄ M.B.

1+405 - 1.6 B = ℄ Meter box

1+451 - 3 B = ℄ 10" Palm

1+32.6 = ℄ 9.6 Dr.

1+30.7 = ℄ 4' Conc. walk

1+34

1+17 - 3 B = ℄ 14" Palm

1+09.4 = ℄ 2.3 walk

1+05.5 - 1.8 B = ℄ M.B.

1+07 = ℄ 9' Dr.

1+00

1+01 - 2 B = ℄ Pole

1+00 - 1.5 B = ℄ Pole

0+80 - 2.5 B = ℄ M.B.

Solid Conc. walk

0+79 - 1.8 B Meter box

0+76.5 2.5 B Bush

0+66 end A.C. walk

0+65.5

curb line

0+50

0+49 - 1.5 = ℄ Doub. M.B.

Dr.

0+37

0+32 - 1.5 B = ℄ 12" Acacia

0+29 - 1.4 B = ℄ M.B.

0+21.5 = ℄ 4' walk

0+18 - 3 B Bush

0+10 - 2 B = ℄ 12" Acacia

0+16.5 = beg. A.C. Pave for walk

0+01 - 1.5 B = ℄ Pole

0+02 ℄ Pole 1.5 B

0+01 - 4 B ℄ Sign 4x4

sidewalk

0+00 N.L. Lincoln St

— 3 —

Lincoln to El Cajon.

8-14-46

Polk St. LISTED 8/16/46 QWE 51

6+01

5+97 - 1.7 B ℄ Pole

6+00 = S.L. Polk

5+94 - 1.6 B = ℄ Pole

5+98 - 1.5 B = ℄ F.H.

5+81 = ℄ 4' walk

5+70 - 2 B = ℄ M.B.

5+56.5 = ℄ 10' Dr.

5+40.2 - 2.2 B = ℄ M.B.

5+44 - 3 B = ℄ 12" Palm

Curb Line

5+33.5 = ℄ 4' walk

5+23 - 3 B = ℄ 10" Palm

5+09.5 = ℄ 9' Dr.

5+27

5+02.8 - 1.5 B = ℄ Pole

5+03 - 2 B = ℄ Pole

4+96 = ℄ 9.6 Dr.

4+93 - 2.3 B = ℄ M.B.

4+82 - 2.2 B = ℄ M.B.

4+80 - 3 B = ℄ bush

4+88 - 3 B = ℄ 10" Palm

4+73 = ℄ 4.5' walk

4+74 - 3 B = ℄ 10" Palm

4+67

4+59.2 = ℄ 3' walk

4+55.2 - 2.8 B = ℄ bush

4+46 = ℄ 9.5' Dr.

4+37.2 B = ℄ M.B.

4+35.5 - 2" B = ℄ bush

4+25 - 3 B = ℄ bush

4+18.8 = ℄ 4' walk

4+05 - 2.7 B = Bush

4+00 - 1.5 B = ℄ Pole

4+00 = 1.6 B = ℄ Pole

3+95 - 1.9 B = ℄ M.B.

3+95

3+76 = ℄ 4' walk

3+70 - 1.8 B = ℄ M.B.

3+58 = ℄ 5' walk

3+44 - 1.6 B = ℄ M.B.

3+41 - 1.6 B = ℄ M.B.

3+34 = ℄ 9' Dr

3+26

52'

5'

3+17 - 1.5 B = ℄ M.B.

3+06 = ℄ 4' walk

3+04 = ℄ 4' walk

4'

3+00

5'

Howard St.

3+00

- 2+98 - 1.8 B = ℄ Pole
- 2+80.7 - 1.6 B = ℄ M.B.
- 2+22 - 1.8 B = ℄ M.B.
- 1+36 - 2.5 B = ℄ bush
- 1+01 - 2.5 B = ℄ 8" Pine
- 0+25½ - 2.2 B = ℄ M.B.
- 2+96.6 - 2.7 B = ℄ 14" Palm
- 2+77.8 = ℄ 4' walk
- 2+69 - 2.6 B = ℄ 12" Palm
- 2+58 = ℄ 3' walk
- 2+45 - 3' B = ℄ 14" Palm
- 2+20.8 = ℄ 3.4 walk
- 2+14 - 2.5 B = ℄ 16" Palm
- 2+04 = ℄ 10' Dr.
- 1+96.3 - 1.7 B = ℄ Pole
- 1+79 - 1.7 B = ℄ M.B.
- 1+60 = ℄ 4.5 walk
- 1+45.5 - 2.7 B = ℄ Bush
- 1+31 = ℄ 3' walk
- 1+22.5 - 1.5 B = ℄ M.B.
- 1+09.5 = ℄ 10' Dr.
- 1+00 - 2' B = ℄ Pole
- 0+82.5 = ℄ 2.5 slab walk
- 0+79 - 1.5 B = ℄ M.B.
- 0+63 = ℄ 11' Dr.
- 0+26 - 2.5 B = ℄ M.B.
- 0+01.8 - 1.8 B = ℄ Pole
- 2+99 - 1.6 B = ℄ Pole
- 2+80 - 1.9 B = ℄ M.B.
- 2+61 = ℄ 9.5 Dr.
- 2+38.3 - 2.8 B = ℄ 6" Palm
- 2+18 = ℄ 3' walk M.B. in walk
- 2+02.2 = ℄ 3' walk
- 1+90.7 - 3' B = ℄ 10" Pepper
- 1+74.3 - 2.6 B = ℄ 24" Pepper
- 1+59 - 3.2 B = ℄ 14" Pepper
- 1+10.5 = ℄ 9.6 Dr.
- 1+00.4 - 1.6 B = ℄ Pole
- 0+87.8 - 1.3 B = ℄ M.B.
- 0+69.5 = ℄ 3' walk
- 0+58 = ℄ 9' Dr.
- 2+92 - 3 B = ℄ 12" Ac.
- 2+75.2 - 2.7 B = ℄ 10" Ac.
- 2+52.5 - 2.8 B = ℄ 5" AC.
- 2+26.7 - 2.9 B = ℄ 5" Palm
- 2+09.5 - 2.9 B = ℄ 5" Palm
- 1+98 - 1.6 B = ℄ Pole
- 1+85 - 1.9 B = ℄ M.B.
- 1+19.8 - 1.8 B = ℄ M.B.
- 0+94 - 2.7 B = ℄ 10" Ac.
- 0+80 - 3 B = ℄ 8" Ac.
- 0+65 - 2.7 B = ℄ 14" Acacia
- 0+01 - 1.3 B = ℄ Pole

2+69

1+90

1+33

N

5'

0+71

4'

14'

Curb Line

52

Sidewalk

0+00 = N.L.

Polk Ave

-0.315

6+03

6+00 = S.L.

- 5+99 - 1.7 B = ℄ Pole
- Solid slab
- 5+98
- 5+91
- Drive to Ser. Sta.
- 5+67 =
- 5+00 = ℄ 5' walk
- 3+62 - 1.6 B = ℄ M.B.
- 3+35.5 - 1.8 B = ℄ M.B.
- 5+20 - 1.7 B = ℄ M.B.
- 4+94.7 - 1.8 B = ℄ Pole
- 4+49 = ℄ 2' walk
- 4+30.5 - 2' B = ℄ M.B.
- 4+09 = ℄ 3' walk
- 3+98 - 1.6 B = ℄ Pole
- 3+68.5 - 3 B = ℄ 3' x 1.5' Conc. slab
- 3+58 = ℄ 1.5 walk
- 3+46.5 - 2.7 B = ℄ Bush
- 3+27 = ℄ 3' walk
- 3+23 - 3' B = ℄ Bush
- 3+06.5 = ℄ 9' Dr.
- 5+92.7 - 1.6 B = ℄ Pole
- 5+81.8 = ℄ 5' walk
- 5+67 - 3' B = ℄ 12" Palm
- 5+56 = ℄ 10' Dr. M.B. in Dr.
- 5+25 = ℄ 4' walk
- 4+99.5 - 1.6 B = ℄ Pole
- 4+87.5 = ℄ 3' walk
- 4+83 - 1.9 B = ℄ M.B.
- 4+61.5 - 2.2 B = ℄ M.B.
- 4+50 - 2.8 B = ℄ 10" Palm
- 4+27.2 = ℄ 4' walk
- 4+11 = ℄ 9' Dr.
- 4+01.2 - 1.4 B = ℄ Pole
- 3+90 - 1.5 B = ℄ M.B.
- 3+74.5 = ℄ 5' walk
- 3+56.5 = ℄ 9.7 Dr.
- 3+40.3 - 1.9 B = ℄ M.B.
- 3+24 = ℄ 3' walk
- 3+05.5 = ℄ 8.5 Dr.
- 5+98 - 1.7 B = ℄ F.H.
- 5+99.2 - 2.9 B = ℄ 12" Palm
- 5+78 - 1.8 B = ℄ M.B.
- 5+08 - 1.6 B = ℄ M.B.
- 4+67 - 2.8 B = ℄ 10" Palm
- 4+54.5 = ℄ 4' walk
- 4+38.5 - 3.3 B = ℄ 3" Ac.
- 4+19.5 - 1.8 B = ℄ M.B.
- 3+85 - 2.9 B = ℄ 10" Ac.
- 3+66 - 2.8 B = ℄ 12" Ac.

Curb Line

5+33

4+67

3+97

3+32

30'

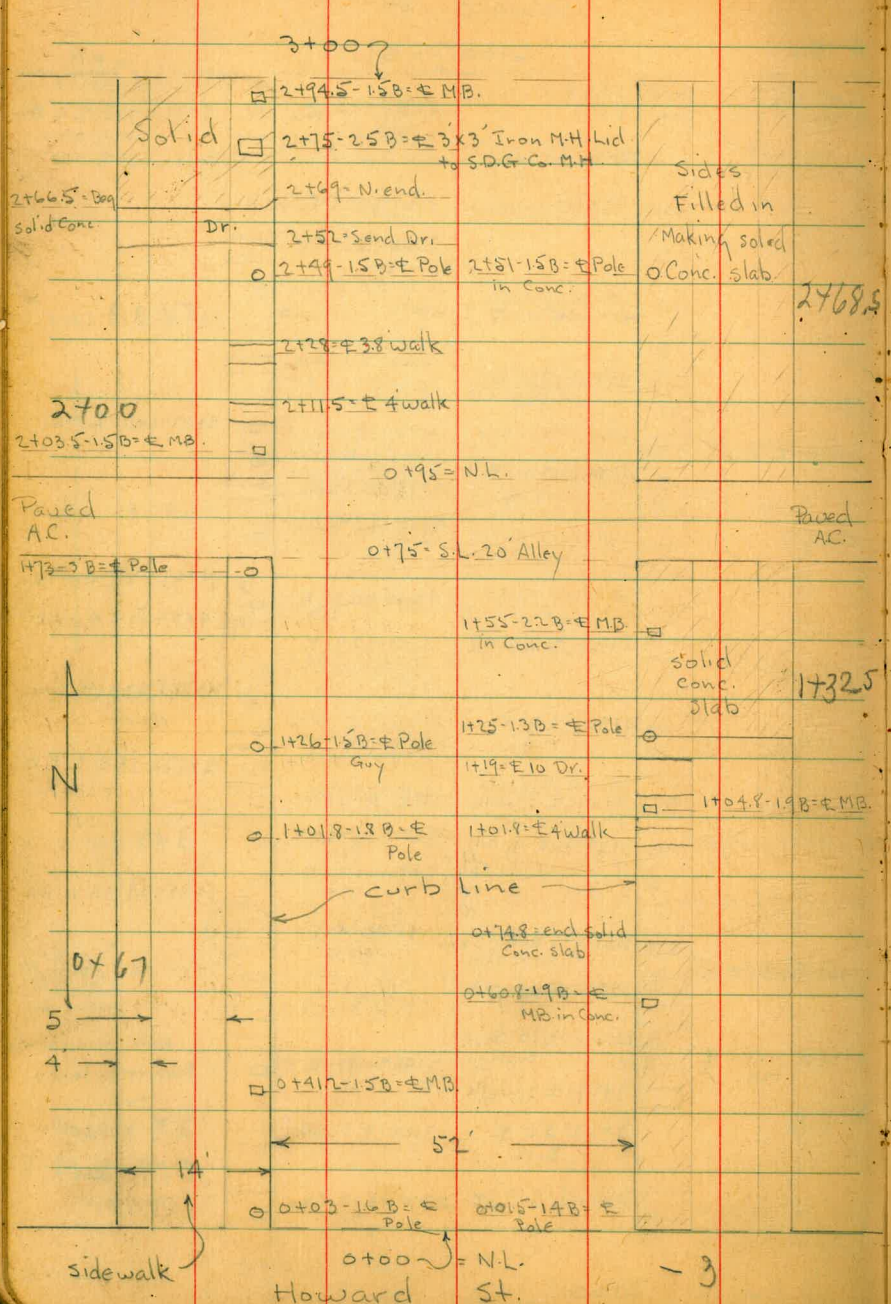
Note: owner wants Both trees taken out

J. T. Wood - 4159 - 30th owner

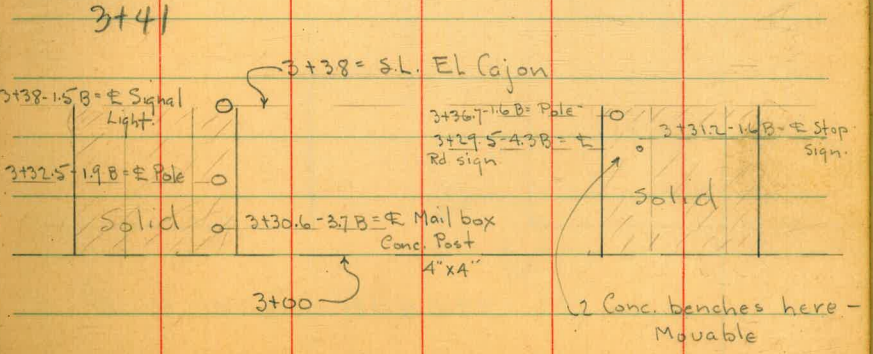
3+00

8-15-46

Osborne
McCoy
Hardin
W. Moore



Most of the curbs throughout the entire job have been pushed out, but are fairly regular. In the Block Bet. Lincoln & Polk on the W. side - from 1+00 to 3+10 the curb is bad - Leans out at about 45° angle



X-Sect Lotus - Abbott to Bacon

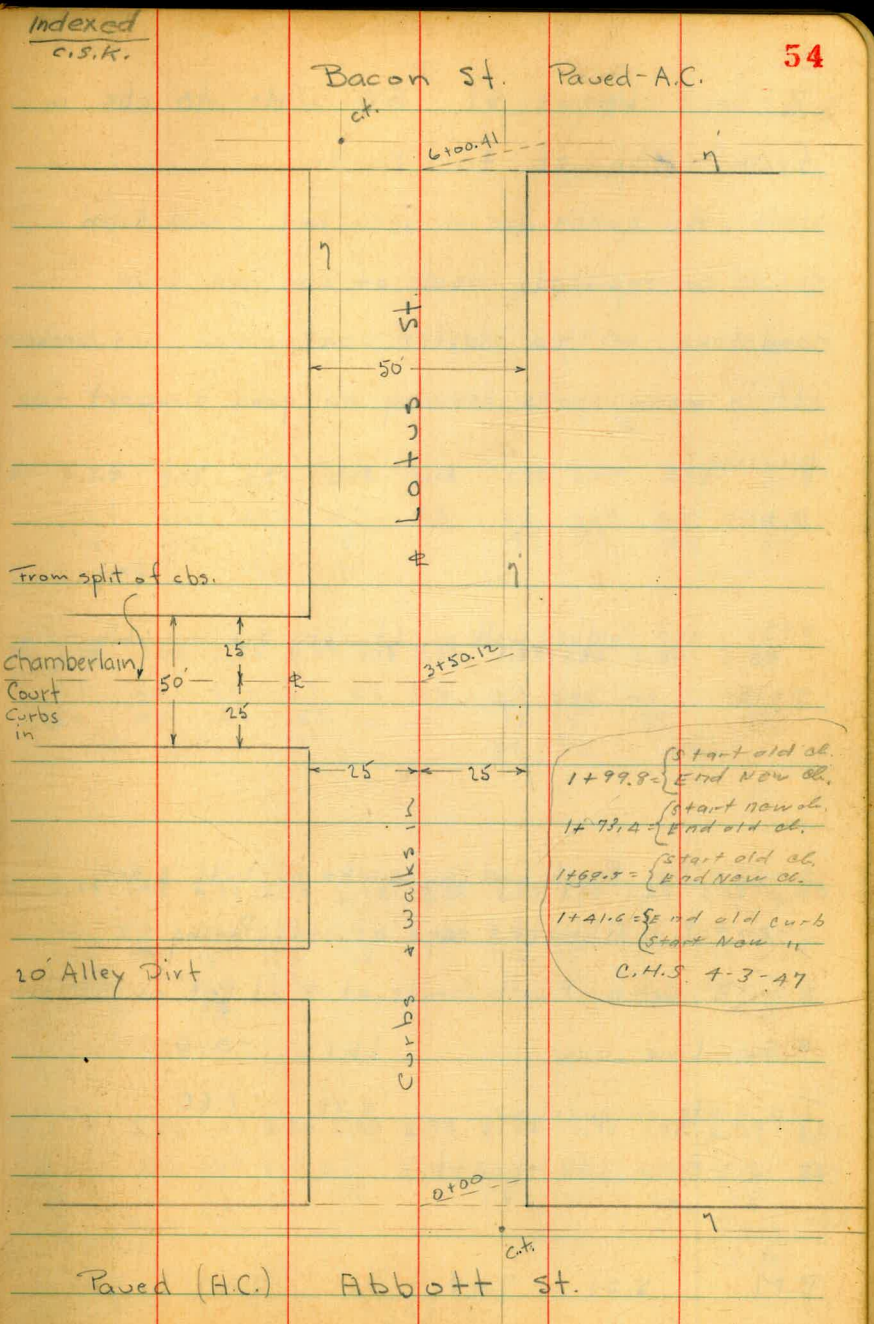
11-18-46

Osborne
Hardin
Worrell
Smith

635

W.O. 1213

Indexed
C.S.K.



X-Sect Lotus St. 50' wide 10' cbs. in from Abbott to Bacon

Note: All curbs are in very bad condition - should be replaced. inside of cbs. are like sandstone - with a plaster coat which has broken off in many spots, leaving no good support for paving

0+50

0+38 - end Cold Lay walk on Lt. - beg. 5.5' Conc. Walk 4.5' back of cb.

0+15

0+00 = Beg. Rough Cold Lay walks on both sides

0+00 = E.L. Abbott = edge of F.C. Paving

2.5' x 2' Box inlet with Grate at ℄ of Ret. on S.E. Cor.

		El.
Flow Line box	7.58	-0.10
Top grate on gut. Line	5.88	1.60

0-10 = E. cb. of Abbott

B.M.	5.01	7.48	2.47	S.W. B.P. Abbott & Voltaire

℄

Lt. = N

Rt = S

El.	3.24	3.13	2.92	2.18	2.18	1.98	2.84	2.98	3.18	
	4.24	4.35	4.56	5.3	5.3	5.5	4.64	4.5	4.3	
	25	19.5	15.1	15.1		14.9	14.9	19.5	25	
	walk		Top	gut					walk	

El.	2.78	2.68	2.55	1.78	2.18	2.08	1.58	2.43	2.58	2.68
	4.7	4.8	4.93	5.7	5.3	5.4	5.9	5.05	4.9	4.8
	25.4	19.8	15.2	15.2	10		15	15	19.8	25.2
	walk		Top	gut			gut	Top	walk	

El.	2.58	2.48	2.42	2.02	2.28	2.33	2.07	1.80	2.33	2.38	2.48
	4.9	5.0	5.06	5.46	5.20	5.15	5.41	5.68	5.15	5.1	5.0
	25.4	19.8	15.2	15.2	7.5		7.5	15	15	19.8	25.2
	walk		Top cb. P.C.	gut				gut	Top P.C. Ret.	edge walk	

El.	1.75	2.32	1.87	2.20	2.35	2.38	2.22	1.91	1.74	2.29	1.81
	5.73	5.16	5.61	5.28	5.13	5.10	5.26	5.57	5.74	5.19	5.67
	7.5	25	25	15	7.5		7.5	15	25	25	7.5
	gut.	Top cb. P.C.	gut						gut	Top cb P.C. Ret.	in gut

7.48

T.P. 7.79 11.42 3.85 3.63

2+00

1+83 - ℄ 10' Conc. Dr. on Lt.

1+83 - ℄ 16' Dr. on Rt. (dirt - cb. broken out

1+75 end broken cb. on Lt.

1+71 - Beg cb. broken out on Lt.

1+52 - ℄ 12' Dr. on Rt. (dirt - cb. broken out)

1+50

1+20 = E.L. Alley

1+10 - for profile of ℄ Alley

1+00 = W.L. 20' Alley on Lt.

0+75

	Lt.				℄			Rt.	
EL. 4.75	4.63	4.56	3.68	3.88	3.88	3.58	4.53	4.48	4.58
2.73	2.85	2.92	3.8	3.6	3.6	3.9	2.95	3.0	2.9
25	19.8	14.9	14.9	10		14.9	14.9	19.6	26
walk		Top	gut.			gut.	Top		
		EL. 4.34	3.48		3.68	3.28	4.18		
		3.14	4.0		3.8	4.2	3.30		
		14.9	14.9			15	15		
		Top	gut.			gut.	Top		
EL. 4.25	4.16	4.03	3.08	3.48		2.88	3.98	4.08	
3.23	3.32	3.45	4.4	4.0		4.6	3.5	3.4	
25	19.5	14.9	14.9			15	19.8	25.2	
walk		Top	gut.			gut. in Drive		walk	
EL. 4.02	3.48	3.75	2.78	3.18		2.58	3.62		
3.46	4.0	3.73	4.7	4.3		4.9	3.86		
25.1	25.1	14.9	14.9			15	15		
Top cb. end Ret.	gut	Top cb. 1 Rad Ret.	gut			gut	Top		
EL. 3.38	2.88	2.68	2.98	3.08					
4.1	4.6	4.8	4.5	4.4					
75	25	15	10						
EL. 3.74	3.08	3.56	2.48	2.78	2.88	2.38	3.44	3.58	3.58
3.74	4.4	3.92	5.0	4.7	4.6	5.1	4.04	3.9	3.9
25	25	15	15	10		15	15	19.5	25
Top cb. end Ret.	gut	Top on Alley Ret. (broken)	gut.			gut		walk	
		EL. 3.26	2.38	2.58	2.28	3.12			
		4.22	5.1	4.9	5.2	4.36			
		15	15		14.9	14.9			
					gut	Top			

7.48

3+35.12 = W. cb. line

3+25.12 = W. L. Chamberlain Court

3+22 = end - patch on Lt.

3+12 = beg. Cold Lay Patch in walk on Lt.

3+00

2+75

2+54 = end cb. broken out on Lt.

2+52 = end patch on Lt.

2+50

2+46 = beg. Cold Lay patch in walk on Lt.

2+42 = beg. cb. broken out for dr.

2+25

Lt. ℄ Rt.

2 Wherry

EL. 6.03 5.62 6.06 5.32 5.22 5.62 5.52 5.22 4.89
5.39 5.8 5.36 6.1 6.2 5.8 5.9 6.2 6.53
7.5 7.5 25 25 15 7.5 15 15
Top gut. Top P.C. Ret gut

EL. 6.20 6.06 5.95 5.32 5.32 5.12 5.82
5.22 5.36 5.47 6.1 6.1 6.3 5.60
25 19.5 15 15 15 15
walk Top P.C. Ret. gut gut Top

EL. 5.87 5.76 5.66 5.02 5.02 4.72 5.58 5.72 5.92
5.55 5.66 5.76 6.4 6.4 6.7 5.84 5.7 5.5
25 19.5 15 15 15 15 19.5 25
walk Top gut gut Top walk

EL. 5.46 4.72 4.72 4.42 5.35
5.96 6.7 6.7 7.0 6.07
14.9 14.9 15 15
Top gut. gut Top.

EL. 5.14
6.28
15
Top cb.
end

EL. 5.32 5.19 4.52 4.42 4.02 5.06 5.12 5.22
6.10 6.23 6.9 7.0 7.4 6.36 6.3 6.2
25 19.4 15 15 15 19.3 25
walk gut. in Dr. gut Top walk

EL. 5.19
6.23
15
Top cb.
end

EL. 4.85 4.02 4.12 3.92 4.77
6.57 7.4 7.3 7.5 6.65
15 15 15 15
Top gut gut. Top

11.42

4+61 - ℄ 15' Conc. Dr. on Rt.

4+52 - beg. cb. broken on Lt. - (no plaster Top)

4+50.

4+46 - end 1/2 patch on Lt. walk

4+25.

4+24 - Beg. patch on S. 1/2 of walk on Lt.

4+23 - end Cold lay walk on Rt. & Beg. Conc. walk.

4+13 - beg. Cold lay patch on walk on Lt.

4+00

3+75.12 = E.L. Chamberlain

3+65.12 = E. cb. - (Return in poor Cond. - curb broken out from 20.5 Lt. to 36.4 Lt.

3+50.12 = ℄ Chamberlain = ℄ Sewer M.H. on ℄

℄

	Lt.					Rt.			
EL.	7.02	6.92	6.81	6.12	6.32	6.32	6.97	7.05	7.25
	4.40	4.50	4.61	5.3	5.1	5.1	4.45	4.37	4.17
	25 walk	19.6	15 Top	15 gut		15 gut.	15 Top	19.5 walk	25
EL.	6.89	6.82	6.62	6.02	6.12	6.02	6.72	6.84	7.00
	4.53	4.6	4.80	5.4	5.3	5.4	4.70	4.58	4.42
	Conc. 25.1 walk	AC 19.7	15 Top	15 gut		14.9 gut.	14.9 Top	19.5 walk	25
EL.	6.69	6.53	6.45	5.82	5.92	5.72	6.46	6.62	6.72
	4.73	4.89	4.97	5.6	5.5	5.7	4.96	4.8	4.7
	25 walk (Conc.)	19.5	15.1 Top	15.1 gut.		14.9 gut	14.9 Top	19.5 Walk	25
EL.	6.49	6.39	6.27	5.72	5.82	5.72	6.24		
	4.93	5.03	5.15	5.7	5.6	5.7	5.18		
	25 walk	19.5	15 Top P.C. Pet	15 gut		15 gut	15 Top		
EL.	6.37	5.62	6.26	5.42	5.82	5.52	5.82	5.72	5.62	6.15
	5.05	5.8	5.16	6.0	5.6	5.9	5.6	5.7	5.8	5.27
	75 Top	75 gut.	36.4 Top cb. broken out to here	36.4 gut	25	15	7.5		15 gut.	15 Top
EL.	6.02		5.72	5.62	5.72	5.74		5.42	6.01	6.12	6.22
	5.4		5.7	5.8	5.7	5.68		6.0	5.41	5.3	5.2
	75		25	15	7.5	on Rim M H		15 gut	15 Top	19.7	25.2 walk.

11.42

EL 7.86 7.27
3.56 4.15
15 15
Topcb F.L.
4" drain

5+80 = Beg. Conc. Dr. on Lt. 4" Pipe Drain

5+75

5+50 = Beg Solid Conc. walk back of cb. on Lt.

5+25

5+20 - end broken out cb. on Rt.

5+18 = end Coldlay walk on Lt. (beg. conc.)

5+15 - end Conc. walk on Rt. (beg. Cold lay)

5+00

4+98 = Beg. badly broken cb. on Rt. (No plaster top)

4+94 = end broken out cb. on Lt.

4+90 - end Cold lay walk on Rt. (beg. Conc.)

4+75

4+70 - cb. on Lt. completly broken out for Dr.

4+65 = Beg. Cold Lay walk - both sides

℄

	Lt.					Rt.		
EL.	7.94	7.80	7.12	7.22	7.32	8.27		
	3.48	3.62	4.3	4.2	4.1	3.15		
	25	15	15		15	15		
	walk	Top	gut		gut	Top		
EL.	7.78	7.60	6.82	7.02	7.02	7.98	8.12	8.22
	3.64	3.82	4.6	4.4	4.4	3.44	3.3	3.2
	25	15	15		15	15	19.6	25
	walk	Top	gut		gut	Top	walk	
EL.	7.62	7.52	7.42	6.62	6.92	6.62	7.72	
	3.80	3.90	4.00	4.8	4.5	4.8	3.10	
	19.5	19.5	15	15		15	15	
	walk		Top	gut		gut	Top	
EL.	7.52	7.32	7.20	6.52	6.62	6.32	7.41	7.53	7.67
	3.9	4.1	4.22	4.9	4.8	5.1	4.01	3.89	3.75
	25	19.5	15	15		15	15	19.5	25
	walk		Top	gut		gut	Top	walk	
EL.	7.22	7.02	6.32	6.52	6.32	7.24			
	4.2	4.4	5.1	4.9	5.1	4.18			
	25	19.5	15		15	15			
	walk		gut in Dr.		gut	Top			

1142

Note - B.M at N.E. Bacon + Voltaire is out.

Check starting B.M. 6.02 2.48 2.47 ✓

T.P. 0.80 8.50 6.02 7.70

6+11 = 24.3 Lt. = ℄ of W. side of 2.5'x2.5' Grate on box inlet

6+10.41 = W.cb. Line Bacon (in Cross Gutter)

+ end Cold lay walk on Rt.

Edge of A.C. pave 10.5 W. of W.L.

6+00.41 = W.L. Bacon = end Conc. Dr. on Lt.

5+93 = end broken cb on Rt.

T.P. 5.80 13.72 3.50 7.92

5+85 = Beg. cb broken out by Palm tree roots on Rt.

Lt. ℄ Rt.

Note This section reversed - appears to be Wrong

EL. -1.25 7.33
14.97 6.39
24.3 24.3
F.L. box edge grate

EL. 7.06 7.92 7.34 7.40 7.66 7.82 7.97 8.50 7.99
6.66 5.80 6.38 6.32 6.06 5.90 5.75 5.22 5.73
.75 2.5 2.5 1.5 1.5 2.5 2.5 .75
gut. Top cb P.C. Ret. gut Top cb P.C. Ret. gut.

EL. 8.72 8.62 8.48 7.86 7.98 7.95 7.76 7.45 7.98 8.14
5.0 5.1 5.24 5.86 5.74 5.77 5.96 6.27 5.74 5.58
.25 1.9.5 14.8 14.8 7.5 7.5 14.8 14.8 2.5
walk Top cb P.C. Ret. gut gut Top cb P.C. Ret. walk

13.72

11.42

EL. 8.57
2.85
1.5
Top end cb

Indexed C.S.K.

1213 61

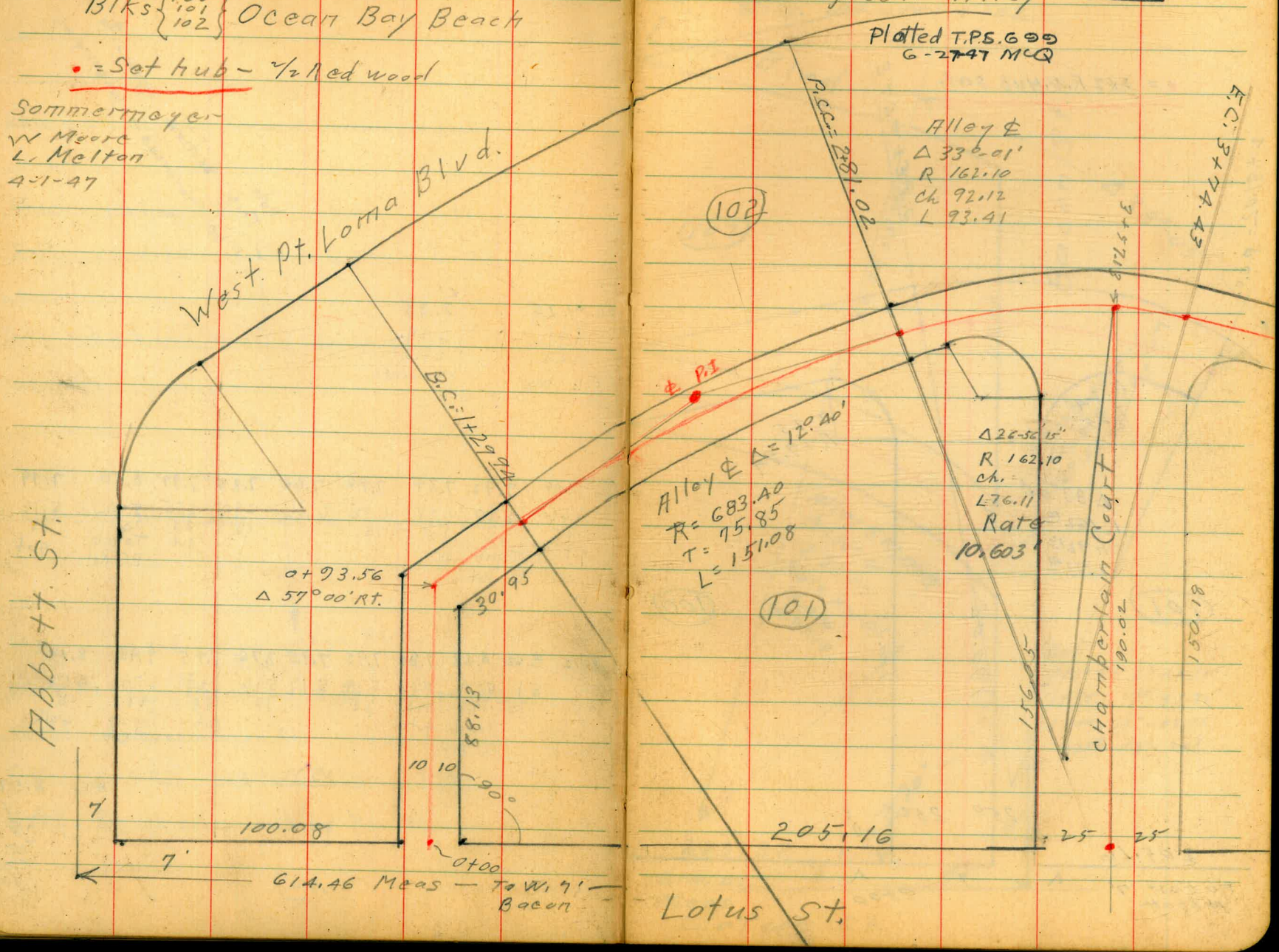
Cross Section CHAMBELAIN COURT & Adjacent Alley

Blks {100, 101, 102} Ocean Bay Beach

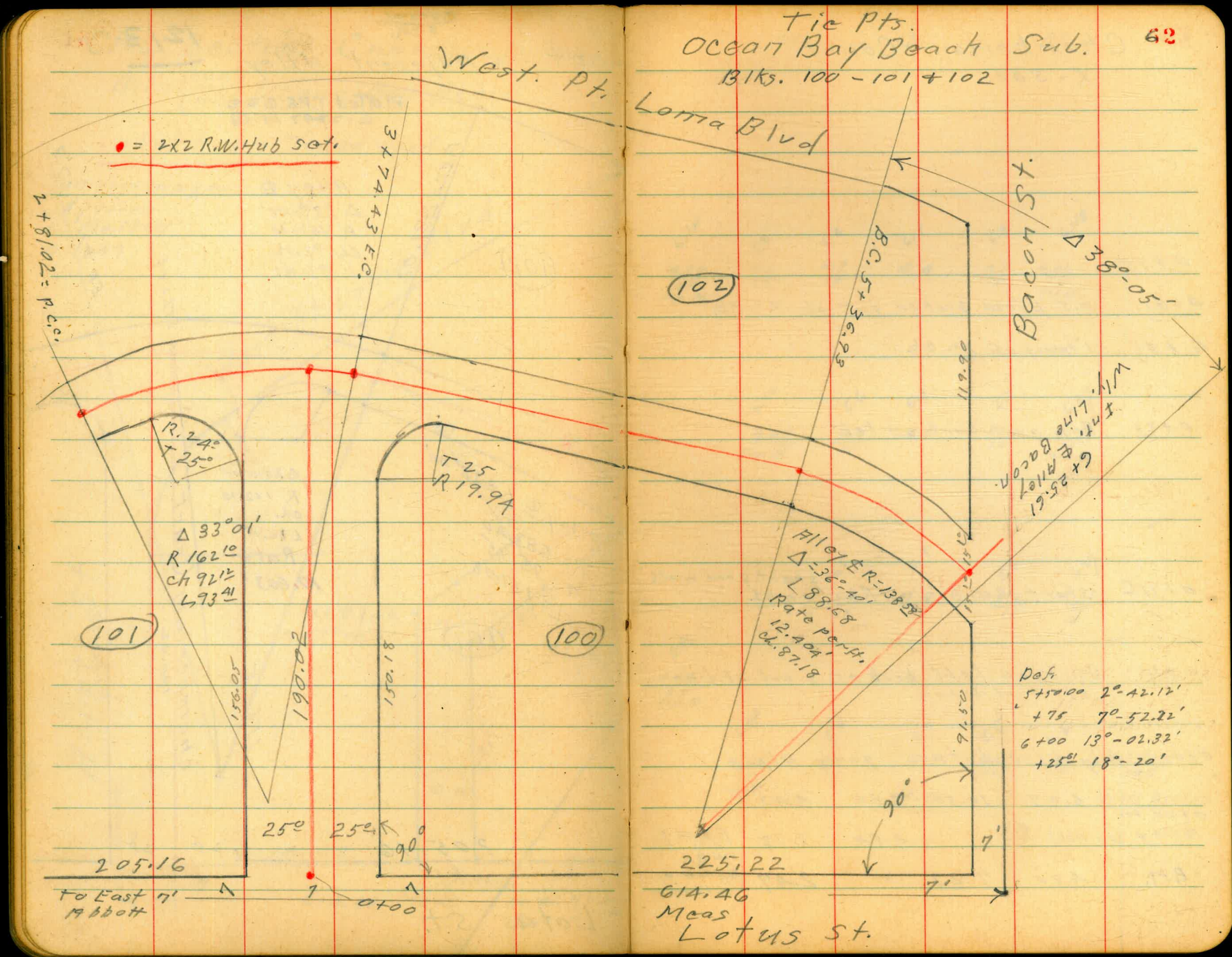
• = Set Hub – ½ Red wood

Platted T.P.S. 699
6-27-47 McQ

Sommermeyer-
W Moore
L. Melton
4-1-47



Tie Pts.
Ocean Bay Beach Sub.
Blks. 100 - 101 & 102



Chamberlain Court

X-Sec.

				Lt	℄	Rt
0+75				6.1 / 4.38 / 1.5 top cc.	5.3 / 5.2 / 1.5	5.8 / 4.7 / 1.0	6.1 / 4.4	5.8 / 4.7 / 1.5	6.48 / 4.02 / 1.5 top cc.
4+61	0.5 piece broken out of Rt. Cb.								
4+51	1' topping of Rt. Cb.								
0+33	Beg. good curb on left			6.02 / 4.48 / 1.5 top cc.	5.6 / 4.9 / 1.5	6.9 / 4.6	5.3 / 5.2 / 1.5	6.37 / 4.13 / 1.5 top cc.
0+11.5	start curb on Rt.	start good walk on Rt.			5.5 / 5.0 / 1.5	5.7 / 4.8	5.4 / 5.1 / 1.5	6.27 / 4.23 / 1.5 cc
0+10	Curb on left broken + out of line start of break			5.96 / 4.54 / 1.5 top cc.				
0+00 = Nly. Line Lotus going Nly.				6.04 / 4.46 / 1.5 top cc.	5.4 / 5.1 / 1.5	5.7 / 4.8 / 10.50	5.5 / 5.0 / 1.0	6.2 / 4.3 / 1.5	W. Edge Walk / 19.5 Walk Broken
	6.07	10.50	2.84	4.13					
0+00 for Alley (on Hub) S.S.			4.54	2.73	B.M.#1 S.W. R.P. Abbott + Voltaire				
B.M.	4.80	7.27	—	2.47					

Chamberlain Court.

1+90.02	2x2 Hub. Int. Alley + Chamberlain Court.	4.30	6.20	B.M. # 2
1+75	End Curb on left.			
1+65				
1+56.05	Curb B.C. on left.			4.06 / 15 top cb.
1+50.18	Curb B.C. on Rt. broken - Rebuild. Curb Rot. + walk			
1+25				

6.35
4.15
33.8
top end Curb Rot.

6.49	5.90	5.9	6.4			
4.01 / 19 top cb.	4.7 / 19	4.6 / 15	4.1			
6.35	5.7	5.8	6.1	6.0	5.9	6.69
4.15 / 15 top cb.	4.8 / 15	4.7 / 10	4.4	4.5 / 10	4.6 / 15	3.81 / 15 top cb.
6.26	5.3	5.6	6.0	5.9	5.7	6.60
4.24 / 15 top cb.	5.2 / 15	4.9 / 10	4.5	4.6 / 10	4.8 / 15	3.90 / 15 top cb.

10.50

Alley Blks 100, 101, 102 } Ocean Bay Beach

℄

start picket fence on lt. 0° Back.

0+93 56 L. on ℄ taken on split

0+88 13 L. on Rt.

0+65 2 End same on line

0+53 start frame dwelling. on line on Lt.

0+45

0+34.7 9 7 Lt = End same

0+13 7 9 6 Lt = Beg. Frame Apt. House

0+00

BM #1 P63. 6.21 8.94 — 2.73

0+00 = Nly. line Lot us. ℄ 20' Alley
Going North + East.

	3.1	3.4		3.4
	5.2	5.4		5.5
	Line			Line
	3.4	3.5		3.4
	5.5	5.4		5.5
	10			10
	3.6	3.4	3.9	4.1
	5.3	5.5	5.0	4.7
	10		7	10
3.74	3.1	2.9	3.5	4.04
5.20	5.8	6.0	5.4	4.90
10	10		9.9	9.9
End Rot.				top Rot

8.94

2+06	8² Rt. = W. edge P. pole # A 5064
1+96	13² Lt. = ctr. Sing. Car dirt Floor.
1+86	9² Lt. = End picket fence
1+75	
1+63	8² Lt. = ctr. 30" Eucalyptus
1+61	9² Rt. start wire fence
1+29.94	= B.C. Rt. 9² Lt. = Fence
1+27 E	8² Lt. = N. side tel. pole # 92673 H
1+15 E	9² Rt. = S. side P. Pole # A 5074 P.L 2-52
0+98.99	Opposite L on Rt. taken at 90°

8.94

℄

	4.1 4.8 10	4.1 4.8	4.3 4.6 6	Fence 9.5	5.0 3.9 10
3.8 5.1 13.6					
4.7 4.7 10	4.1 4.8 3	3.8 5.1	4.1 4.8 7	4.7 4.2 10	
3.8 5.1 10		3.6 5.3	3.6 5.3 5	4.1 4.8 10	
3.6 5.3 10		3.4 5.5		3.4 5.5 10	

8.94

		Lt.	℄	Rt.
2+71	9² Lt = End Fence start Frame Bldg. Conc. Foundation	5.0	5.1	5.4 5.4 5.5
2+61	10 Lt = start board fence.	3.9 / 9.7	3.8	3.7 / 4 — 3.7 / 6 — 3.4 / 10
2+54	10 2° Lt = ℄ sing. gar. Conc. Floor	4.79 / 4.15 / 10.2 Floor		
2+45	10 8 Rt = start old wire fence			
2+44	9² Lt. = N. side Tel. pole # 300537 H			
2+40	12 5 Rt. = ℄ sing Gar. dirt floor	4.6 / 4.3 / 10	4.6 / 4.3	4.7 / 4.2 / 10 — 4.7 / 4.2 / 12.5
2+26	18 = Rt = ℄ sing Gar. dirt floor			4.9 / 4.0 / 18
2+22	9 8 Rt. = End wire fence.			
2+13	14 6 Lt = ℄ sing. Gar. dirt floor	4.7 / 4.7 / 14.6		
	8.94		8.94	

B.C. Hub 5+36.93	4.90	13.08	3.53	8.18	
3+84	6[8] Lt. = Ctr. 14" Eucalyptus				
3+74.43	E.C				
3+73	8[8] Lt. = End Frame Bldg. start board fence				
3+57.13	℄ Chamberlain 55 Hub	5.51	6.20		BM # 2 P. 64
2+56	9[7] Lt = End Fence + start Frame Bldg.				
2+50	8[7] Lt. = Ctr. 12" Eucalyptus.				
2+43	9[6] Lt. = N. Edge. tel pole # A4128H				
2+27	17° Lt. = Ctr. 24" pepper. Large limbs over hang alley				
2+27	10' Lt. = ℄ 17 Fence.				
3+23	Curb. B.C. on Rt.				
+07	10[2] Lt. to Fence.				
3+07	10[2] Rt. = W. Edge P. Pole # A 5054A				
2+84	10[7] Lt = End Frame Bldg. start board Fence				
T.P.	6.85	11.71	4.08	4.86	
2+81[02]	P.C.C.	10' Lt to Frame Bldg.			
		8.94			

℄

	6.7	6.8	6.7	6.4	
	5.0 / 10	4.9	5.0 / 10	5.3 / 20	
Bldg. 9.5	6.3	6.6	6.6	6.6	
	5.4 / 9.5	5.1	5.2 / 10	5.1 / 20	
	6.1	6.0	6.0	5.8	6.3.5
	5.6 / 10	5.7	5.7 / 7	5.9 / 16.3 Grd.	5.36 / 16.3 Top, ac.
		11.71			
	5.3	5.4	5.4	5.6	5.0
	3.6 / 10	3.7	3.7 / 3	3.3 / 5	3.9 / 10
		8.94			

Station	Description					℄		
4+72	98 Lt. = N. Edge Tel. Pole # J.P.A. 5027 4841294							
4+67	Start board fence / 10⁶ Lt. = End Frame shed							
4+59	19⁵ Rt. = ℄ Sing. gar. dirt floor						7.8 / 5.3 / 19.5	
4+49	= Start Frame shed / 10⁵ Lt. = End board fence +							
4+45			7.9 / 5.2 / 10		7.5 / 5.6		7.9 / 5.2 / 10	
4+14	10 Lt. - Start board fence							
4+07³	℄ Conc. Apron. Sing. Gar.	7.61 / 5.47 / 10. / Floor	7.47 / 5.61 / 6 / Apron					
4+00	10' Lt. = End board fence	7.4 / 5.7 / 10	7.4 / 5.7 / 4		7.0 / 6.1		6.8 / 6.3 / 10	
3+96	13⁴ Rt. = End Broken up Curb. Ret. / 8⁵ Lt. = ctr. 18" Eucalyptus							6.8 / 6.3 / 13.4
	13.08				13.08			

5+26	21° Rt. = ℄ Double Gar. Conc. Floor
5+10	
5+00	Start 4 unit Gar. Bldg. Bldg on line
4+99	9.3 Lt. = N. side pole. Guy for A5024.
4+93	8.7 Lt. = Rough Conc. Apron. 40 Lt. = ℄ Sing. Gar.
4+91	9.6 Rt. = S. Edge pole # A5024
	9.9 Lt. = End board fence.
4+88	8.9 Rt. = End picket fence
+80	12° Rt. = 10" pepper tree Limbs in alley
4+74	10½ Rt. = Start Picket Fence
	13.08

℄

9.03 / 4.05 / 17.5 Apron

9.33 / 3.75 / 21 Floor

8.74 / 4.34 / 9.6 Gar. Floor

8.44 / 4.64 / 9.2 Edge Apron + ground

8.3 / 4.8

8.6 / 4.5 / 10

8.66 / 4.42 / 10 Floor

8.51 / 4.57 / 9.4 Apron

8.79 / 4.79 / 10 Floor

8.3 / 4.8 / 8.7

8.3 / 4.8 / 9.9

8.1 / 5.0

8.4 / 4.7 / 10

13.08

6+10 10 Lt. = End Rail Fence

6+00 10 Lt. = Fence

5+86 8° Lt. = Nly. Edge pole ∧ with down conduit #RA.5005

5+75 9 Lt. = Fence

5+60 9 Lt. = start Rail fence.

5+49 10 Lt. = End. A Unit. Car

5+36.93 = B.C. Rt.

13,08

℄

8.0 7.4 8.0
5.1 5.7 5.1
10 10

8.1 8.4 7.9 7.8 8.0
5.0 4.7 5.3 5.3 5.1
10 7 7 10

8.7 8.4 8.3 8.2 8.5
4.9 4.7 4.8 4.9 4.6
10 5 8 10

8.95 8.94 8.6 8.7
4.13 4.24 4.5 4.4
10.4 8.6 10
Curb Face Apron

8.93 8.96 8.5 8.6
4.15 4.22 4.6 4.5
9.9 9.3 10
Edge Apron & Ground

13,08

Cross Section Chamberlain
" " Alley Blks {100, 101, 102} Ocean Bay Beach Sub.

Sommermeyer
W. Moore
L. Melton

Count. ℄

Orig: B.M. Abbott + Voltaire — Page. 63 (247) — 6.32 — 2.45 — Error (0.02)

T.P.	2.03	8.77	6.97	6.74
T.P.	6.12	13.71	5.49	7.59
		13.08		

G+25.61 = W. Line Bacon. No curb Rotten North
Taken Along W. Line Bacon.

7.56	7.55	7.16	7.04	7.39	7.64	7.71	
5.52	5.83	5.92	6.04	5.69	5.44	5.37	
17.8	17.3	15.1	Pav	11.1	7.1	2.3	
N. Edge walk	Edge Alley pav	Pav		Gutter + walk Drive	S. Line	Off walk Back Edge	

5+16 Radial to Intersection at Nly. Line
Alley + paving

7.16	7.7	7.9	
5.92	5.9	5.2	
10		10	
Edge Pav.			

13.08

13.08

July 9 1947 6 9th St. from City Limits North

X Section 9+50 to 12+17

					Rainer Nieman Baker Lefts		℄		Rights
					Indexed over M				
10+50					4.5	5.9	7.8		11.4
					25	15	6	8.5	20
10+24					3.6	4.0	6.4		9.5
					25	13	4	6.7	20
10+00					1.2	0.9	3.5	4.5	4.6 6.7
					25	21	3	1 3.9	10.5 20
									15
9+89					1.3		1.5		4.7
					21		11	3.8	20
9+86							1.1		4.5
							20	3.5	20
	1.28	447.69							
T.P. #2			12.43	446.41					
9+79	Fence Crossing end N.S Fence								
								1.0E	
9+50					9.7	9.8	10.5		12.5
					36	26	20	12.3	20
	0.64	458.84							
T.P. #1			3.43	458.20					
	0.82	461.63							
B.M. Top F.H. SE.	FB 1745 P2 Saranac & 9th			460.61					

69th St. from City Limits North

X Sections 9+50 to 12+17

B.M. P 73			0.28	460.82	Corr. 460.81
	8.21	461.10			
T.P. #5			0.09	452.89	
	12.05	452.98			
T.P. #4			0.00	440.93	
12+17					
12+00					
11+83					
11+50					
11+00					
	3.79	440.93			
T.P. #3			10.55	437.14	
		447.69			

	Left		℄	Right	
14.6	15.2	19.4		23.2	28.6
25	16	9	19.7	10	22
10.4	12.0	15.6		19.6	24.7
25	15	8	14.4	12	25
			10.6		
0.6	2.1	4.5	7.5	9.8	12.4
25	15	10	7	9	20
+0.7	1.0	2.2	3.8	5.4	8.9
25	11	9	8	9	24
			3.8		

Levels on Prop. Sewer on Lisbon St.

from ℄ Pidgeon to E. 3-16-48
7.0.

W.O. 2+001

90' Lt. = Ground at Loc. of Prop. House
70' Rt. = Ground at Loc. of Prop. House
8+60 = To serve prop New Houses

				Lt.	℄	Rt.
				309.1		301.4
				0.8	304.28	9.1
			304.28	90		70 = ground
			298.50	ground.	6.24	Loc. House
			5.78	Loc. House		

				F.L. Sewer		
6+60 = ℄ Prop M.H.		4.19	306.33	297.00	9.33	
			297.00			
T.P.	10 rods	310.52	0.16	300.47		
					310.52	
133' Rt. of ℄ = ℄ House						285.0 / 286.74
						15.6 / 13.86
						133 / 133
						ground / floor.
3+60 = ℄ Prop. M.H.		6.00	294.63	F.L. Sewer 288.17		

2+54 = D.E. of Present Plan
0+00 = ℄ Lisbon & Pidgeon = 9+39.76 - P. 16

	13.00	300.63		287.63	spk. ℄ Pidgeon & Lisbon P. 16	300.63

D. Smith
R. Taylor
B. Fish

Profile Grid Lots 29 & 30 Reed & Hubbell #327 WO# 21093
For City Property future improvement 8-5-54

Marcy Ave

Reed & Hubbell #327
Map.

Lot 29 Lot 30

26th St

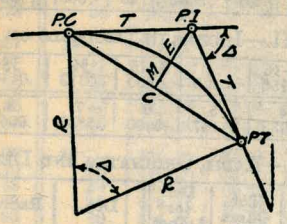
27th St

Logan Ave

Logan Ave Scale 1" to 30'
profile grid elv as shown

BM 62.02 NWBP Logan & 27th St

DIETZGEN'S RAILROAD CURVE AND REDUCTION TABLES



CURVE FORMULAS

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

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

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

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

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

EXPLANATION AND USE OF TABLES

Stations.—Given P. I.=Sta. 161+60.35 to find Sta. of P. C. and P. T. Δ=62° 10′ D=8° 20′. From Table IV for 1° curve T=3454.1 and ÷8⅓=414.49 ft. From Table V correction=.36 or T=414.85 ft. P. C.=Sta. P.I.—T=157+45.50. Also from (4) L=746.00 and P. T.=Sta. P. C. +L=164+91.50.

Offsets.—Tangent offsets vary (approximately) directly with D and with square of the distance. Thus tangent offset for Sta. 158 on above curve is 2.16 ft. found as follows. From Table III tangent-offset for 100 ft.=7.27 ft. Distance=158—Sta. P. C.=54.50, hence offset=7.27 (54.50÷100)²=2.16 ft. Also square of any distance divided by twice the radius equals (approximately) the distance from tangent to curve. Thus (54.50)² ÷ (2 x 688.26)=2.16 ft.

Deflections.—Deflection angle=½ D for 100 ft., ¼ D for 50 ft., etc. For c ft.=(in minutes) .3 x C x D° or=defl. for 1 ft. from Table III x C. For Sta. 158 of above curve=.3 x 54.5 x 8⅓=136.2′ or 2° 16.2′, or=2.50 x 54.5=136.2′ from Table III. For Sta. 159 deflection angle=2° 16.2′ +8° 20′ ÷2=6° 26.2′, etc.

Externals.—May be found in similar manner to tangents. Thus E for curve above is 91.37. For from Table IV for 1° curve E=960.6 for 8° 20′=960.6÷8⅓=91.27 and from Table V correction=.10 or E=91.37 ft. Or suppose Δ=32° and E is measured and found to be 42 ft. What is D? From Table IV E=230.9 and ÷42=5.5 or D=5° 30′.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½

For Single Track Embankment.

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

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