
1831

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.

1831

CITY ENGINEER'S OFFICE

Index

Pages		
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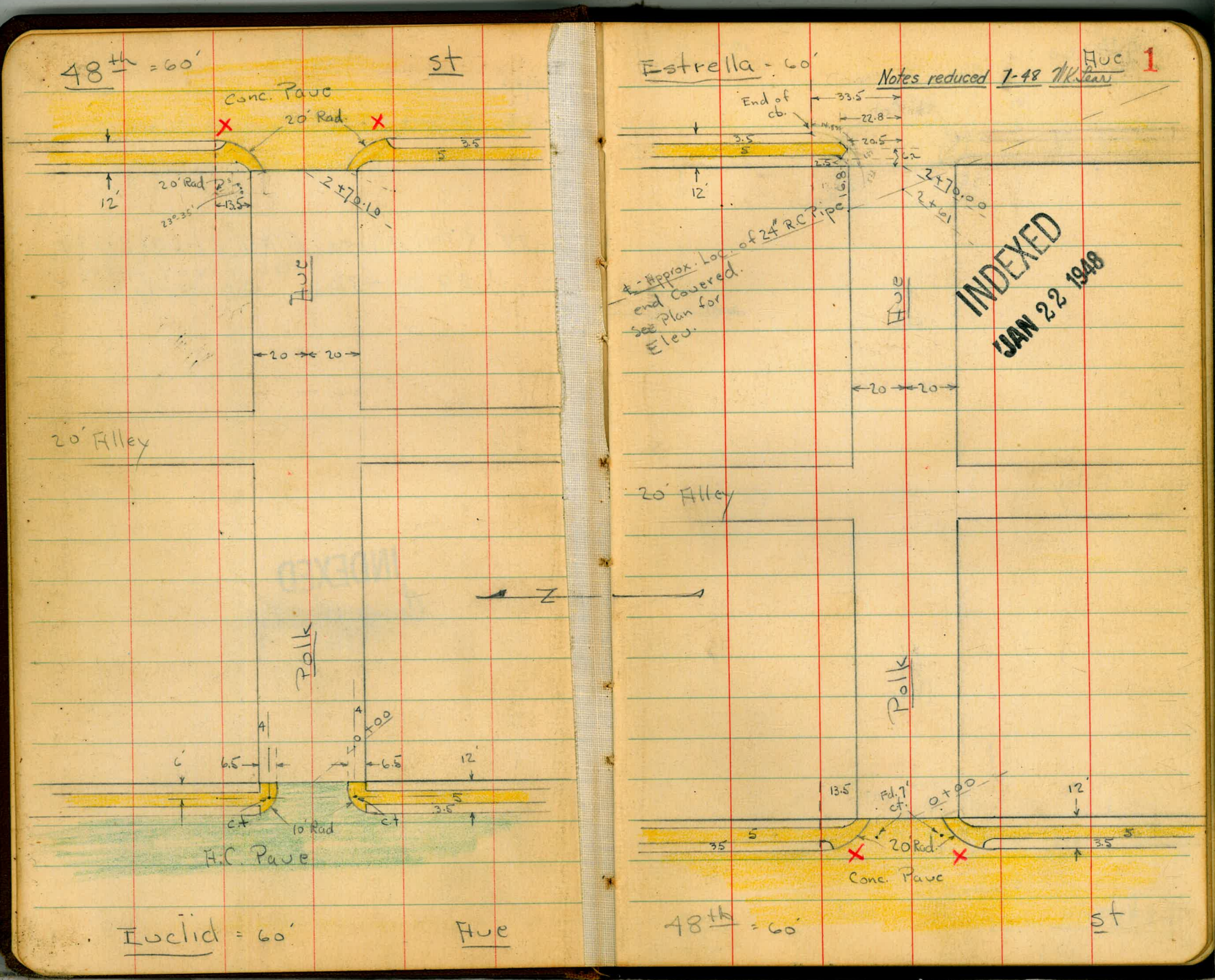
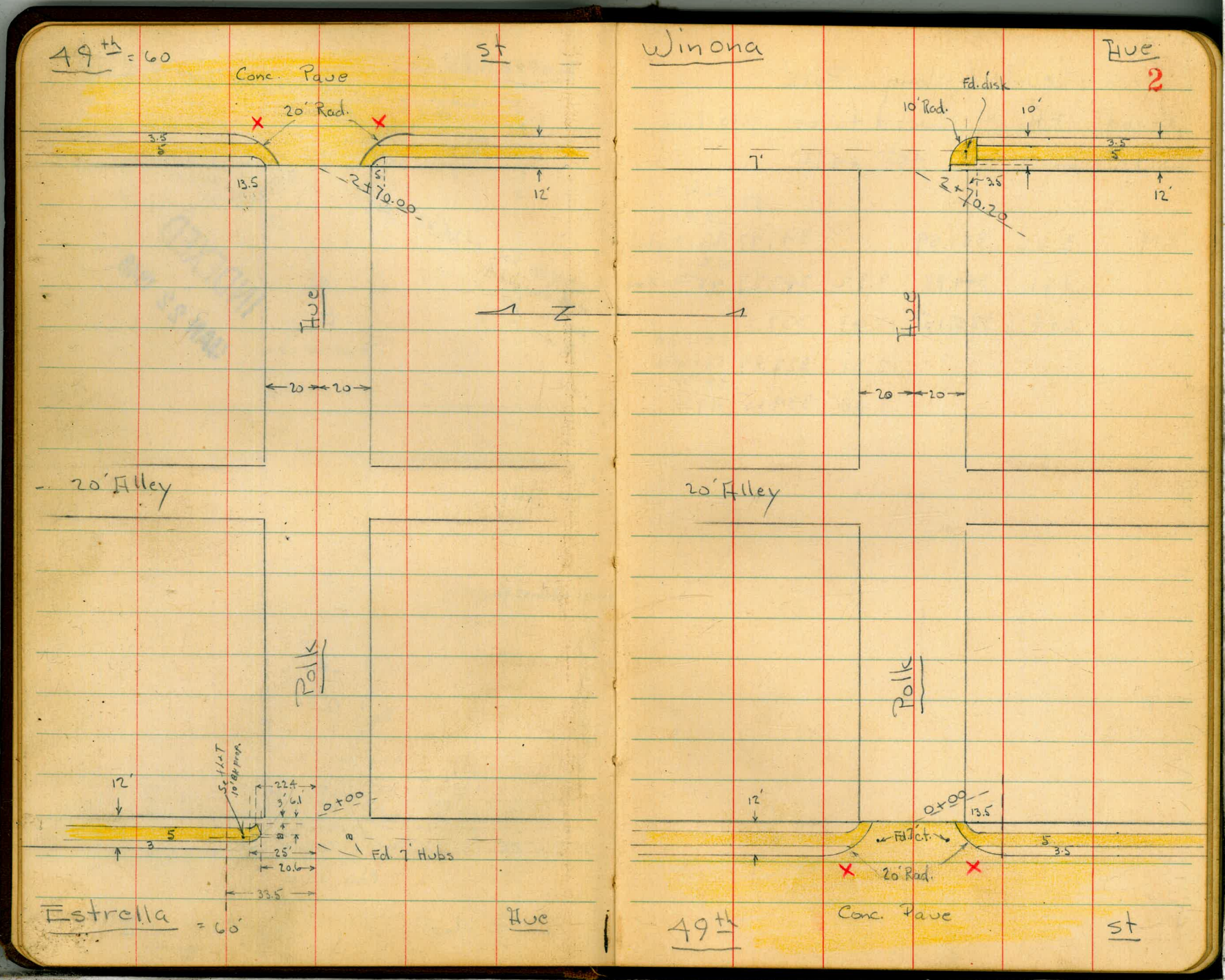
	" " Estrella - Univ. to Orange	
29-79	X-Sec. Alleys 29-30-+32	Blks. 21-22-23-24 Fairmount Add'd. to City Heights

INDEXED
Completely


48th = 60' St
Conc. Pave
20' Rad.
3.5
5
12'
20' Rad.
23°35'
13.5
2+70.10
Ave
20
20
20' Alley
Z
Pole
4
0+00
4
6'
6.5
6.5
12'
5
3.5
c.t
c.t
10' Rad
H.C. Pave
Euclid = 60'
Ave
Estrella = 60'
Ave
1
Notes reduced 1-48 WK Year
End of c.b.
33.5
22.8
20.5
3.5
5
2.5
6.2
12'
6.8
2+70.00
2+61
± Approx. Loc. of 24" R.C. Pipe end Covered. See Plan for Elev.
Ave
INDEXED
JAN 22 1948
20
20
20' Alley
Pole
13.5
Fd. 7' ct.
0+00
12'
35
5
20 Rad.
3.5
5
Conc. Pave
48th = 60'
St


49th = 60
St
Conc. Pave
20' Rad.
3.5
5
13.5
2+10.00
5%
12'
HC
20
20
20' Alley
Roll
12'
5
3
22.4
3' 6.1
0+00
25'
20.6
33.5
Fd. T Hubs
Estrella = 60'
Hue
Winona
Hue
2
Fd. disk
10' Rad.
10'
7'
3.5
2+70.20
12'
HC
20
20
20' Alley
Roll
12'
0+00
13.5
Fd. T ct.
5
3.5
20' Rad.
49th
Conc. Pave
St

Bench Levels - along Polk.

Found F.H. at Euclid to be 0.10 Low.

with B.P.'s at 48th & 49th

				.87	= Book
					N.E. F.H.
B.M.	3.62	351.59		347.97	Polk + Euclid
					N.E. B.P.
	1.61	344.88	4.32	343.27	48th = Book
	2.88	335.15	12.61	332.27	
					S.E. Pipe
			12.31	322.84	Estrella
					S.E. B.P.
			1.00	334.15	49th

X-Sect. Polk - from Euclid to Winona

1992

1-14-20-48
F. Osborne

W.O. 31168

0 +40

0 +30 - 21.2 Lt. = end wall

0 +20

0 + 01.4 - 15.5 Lt. = ℄ F.H.

0 +00 - 22.0 Lt. = Beg. 8" Conc. Tile wall

0 +00 = EL. Euclid = edge of AC Pave

0 - 12 = E.cb. = Cross gutter

0 - 30 = ℄ Euclid

Metes reduced - 7-48 W.K. Law

5.24 353.21 34297

Lt. ℄ Rt. 4

INDEXED JAN 22 1948

351.4	351.3	350.6	349.6	349.0	348.6	348.7	349.3	349.8	350.6	350.9
1.8	1.9	2.6	3.6	4.2	4.6	4.5	3.9	3.4	2.6	2.3
30	23	20	13.5	8		8	13.5	20	22	28
										along House

349.9	348.35	351.65
3.3	4.86	1.36
21.2	21.2	21.2
ground.	Bottom	Top wall

351.3	347.51	348.7	347.9	347.4	346.5	346.7	347.4	348.1	350.4	350.5
2.08	5.70	4.5	5.3	5.8	6.7	6.5	5.8	5.1	2.8	2.7
21.3	21.3	20	13.5	12		10	13.5	20	22	27.5
Top	Bottom wall									along House

345.84	345.66	344.89	345.06	345.01	344.88	344.56	345.09	345.29	
7.39	7.56	8.32	8.15	8.17	8.33	8.65	8.12	7.92	
20	13.6	13.6	6.75		6.75	13.5	13.5	20	
Cor. Ret.	Top	Gut.				Gut.	Top	Cor. Ret.	

345.69	345.13	344.54	344.90	344.88	344.75	344.59	344.47	345.14	343.57	344.14
7.52	8.08	7.67	8.31	8.33	8.46	8.62	8.74	8.07	9.64	9.07
50	50	23.5	23.5	13.5		13.5	23.5	23.5	50	50
Top	Gut.	Top - PC 10' Rad.	Gut.				Gut.	Top PC	Gut.	Top

345.89	345.16	345.38	345.09	344.16
7.32	7.59	7.83	8.12	9.03
50	20		20	50

353.21

1+51 - 47.7 Lt. = ℄ Doub. Gar. - Conc. floor

1+45 = E.L. Alley - 19.3' Rt = Beg. picket fence

1+35 - 0.7 Rt. = ℄ Sewer MH. 4.70 (348.31) on Rim

1+25 = W.L. to Alley

1+23.5 - 16.6 Rt. = ℄ P. pole # 4775

1+16 - Lt. = ℄ Sing. Gar. Conc. floor + apron

1+00

0+87 - 20.6 Lt. = ℄ 3' Conc. walk

0+73 - 27.8 Rt = ℄ Sing. Gar. - Conc. floor

0+69 - 31' Lt. = ℄ Sing. Gar - Conc. floor

+20.4 Lt. = Ely. of 2.5' Conc. walk to Small House

0+65 - 22.4' Rt. = Ely. of 9' Conc. slab.

	Lt	℄	Rt.
348.33			
4.88			
47.7			
floor			
	348.4	348.2 348.1	348.0 348.2 348.9
	4.8	5.0 5.0	5.2 5.0 5.3
	40	20 13.5	13.5 20 40
	349.1	349.5 348.8 348.8	348.8 349.1 348.5
	4.1	3.7 4.4 4.4	4.4 4.1 4.7
	40	20 13.5	13.5 20 40
349.76		349.66	
3.45		3.55	
494		39.2 = apron	
floor			
	350.4	350.1 349.8 349.5	349.6 349.9 349.8
	2.8	3.1 3.4 3.7	3.6 3.3 3.4
	30	20 13.5	13.5 20 30
350.91		350.91	
2.30		2.30	
28.2		20.6	
at Porch		walk	
351.51			
1.70			
31			
floor			
353.10	351.4	351.73 351.1 350.8	350.4 350.1 350.4 350.6 350.88 351.00
0.11	1.8	1.98 2.1 2.4	2.8 3.0 2.8 2.6 2.33 2.21
27	27	20.8 20 13.5	8 13.5 20 22.4 24.5
floor ground House		end walk	edge Conc. Back Conc.
		353.21	
			350.87 2.34 27.8 floor

30' E = ℄

12' E. = W. cb.

2+70.10 = W.L. 48th = edge Conc Pave

2+67 - 16.8 Rt. = ℄ P. pole # J.P. 4799

2+66 - 18' Rt. = End ℄ Hedge

2+60

Check B.M.			4.36	343.27	B.P. = N.E. 48th
T.P.	3.24	347.63	8.82	344.39	

2+29. 18' Rt. = Beg. ℄ of 2.5 Hedge - 4' High

2+21 - 19.5' Rt. = end Fence

2+20

1+85

	Lt.		℄		Rt	
	343.37	343.67	343.65	343.47	343.78	343.04	340.42
	4.26	3.96	3.98	4.21	4.88	5.59	7.41
	58.5	33.5	20		20	33.5	58.5

343.68	343.37	344.23	343.74	343.68	343.67	343.51	342.96	342.67	343.19	342.62	340.20	340.68
3.78	4.26	3.40	3.89	3.95	3.96	4.12	4.67	4.96	5.44	5.01	7.43	6.95
58.5	58.5	33.5	33.5	20	13.5		13.5	20	33.5	33.5	58.5	58.5
Top	gut.	Top	gut.						gut.	Top, P.C. 20 Rad.	gut.	Top

344.37	344.25	343.76	343.67	343.58	343.35	343.01	343.48	343.74	
3.31	3.38	3.87	3.96	4.05	4.28	4.62	4.15	4.39	
20	14.9	14.9	6.75		6.75	15.4	15.4	20.8	
Cor. Ret.	Top. end Ret.	gut				gut	Top = end Ret		Cor. Ret.

346.3	346.2	344.1	343.8	343.6	345.3	345.1	344.9
1.3	1.4	3.5	3.8	4.0	2.3	2.5	2.7
30	20	13.5		13.5	17	20	30

347.63

346.6	346.5	346.1	345.6	345.6	345.4	345.7	345.3
6.6	6.7	7.1	7.6	7.6	7.8	7.5	7.9
30	20	13.5	11		13.5	20	30

346.8	347.0	346.8	347.0	346.6	346.4	346.2
6.4	6.2	6.4	6.2	6.6	6.8	7.0
30	20	13.5		13.5	20	30

353.21

0+54 - 17.3 - Rt. = ℄ 10' Conc. Dr.

0+40 - 17.2 Lt. = end walk

0+35

Wood Porch

0+34 - 17.3 Lt. = Beg. 2' Conc. slab. walk at

0+24.5 - 17.4 Lt. = End walk at Wood porch

0+15

to church

0+00 - 17.5 Lt. = Beg. 2' Loose slab - Conc. walk

60' E. = E.L. 48th = 0+00 ahead = edge Conc. Pave

48' E. = E. cb.

Lt ℄ Rt

344.24 — 3.39 — 17.2 — walk

341.90 — 5.73 — 17.3 — edge

342.19 — 5.44 — 20 — on Dr.

7

342.65 — 4.98 — 30

344.3 — 3.3 — 31 — along church

344.4 — 3.2 — 20

344.38 — 3.25 — 17.3 — walk

344.3 — 3.3 — 15.1 — Top wood cb.

343.4 — 4.2 — 13.5

343.1 — 4.5

342.7 — 4.9 — 13.5

343.5 — 4.1 — 20

343.6 — 4.0 — 30

344.47 — 3.21 — 17.3 — walk

345.49 — 2.14 — 24 — floor church

345.00 — 2.63 — 19.2 — Top wood step

344.39 — 3.24 — 17.4 = walk

344.37 — 3.26 — 15.2 = wood porch

344.4 — 3.2 — 31 — along church

344.47 — 3.21 — 17.3 — edge walk

343.5 — 4.1 — 13.5

343.1 — 4.4

343.2 — 4.4 — 13.5

343.8 — 3.8 — 20

343.8 — 3.8 — 30

343.41 — 4.22 — 20.5 — Cor. Ret.

343.37 — 4.26 — 15.1 — Top end Ret

342.91 — 4.72 — 15.1 — gut.

342.87 — 4.76 — 6.75

342.76 — 4.87

347.40 — 5.23 — 6.75

341.79 — 5.84 — 15.6 — gut

342.30 — 5.33 — 15.5 — Top end Ret

342.37 — 5.26 — 20.4 — Cor. Ret.

343.04 — 4.59 — 58.5 — Top

342.58 — 5.08 — 58.5 — gut

343.39 — 4.34 — 33.5 — Top = PC.

342.89 — 4.74 — 33.5 — gut

342.99 — 4.64 — 20

343.04 — 4.59 — 13.5

343.96 — 4.67

342.76 — 5.37 — 13.5

341.89 — 5.74 — 20

341.18 — 6.45 — 33.5 — gut

341.63 — 6.00 — 33.5 — Top = P.C. 20 Rad.

339.43 — 8.20 — 58.5 — gut

339.89 — 7.74 — 58.5 — Top

347.63

1+75

1+45= E.L. Alley

1+35- 0.5 Rt. = ℄ Sewer M.H

1+25 = W.L. 20' Alley

1+22 - 19.8 Rt. = ℄ P. pole # P 4825

T.P 3.06 337.51 13.18 334.45

1+00

0+60

0+55

337.8	Lt	338.0	337.3	℄	337.4	337.6	338.5	Rt.	339.7	8	330.6
9.7		9.5	10.2		10.1	9.9	9.0		7.8		6.9
30		20	13.5			9	13.5		20		30

330.9	331.1	330.5	330.5	330.5	331.5	333.4	335.5
6.6	6.4	7.0	7.0	7.0	6.0	4.1	2.0
40	20	13.5		10	13.5	20	40

331.4	331.6	331.5	331.67	331.6	332.6	333.9	336.3
6.3	5.7	6.0	5.89	5.9	4.9	3.6	1.2
40	20	13.5	on Rim	10	13.5	20	40

334.4	334.7	333.9	334.7	333.7	334.5	339.7	340.5
3.1	2.8	4.6	4.8	4.8	3.0	+1.7	+3.0
40	20	13.5		9	13.5	20	40

337.51

340.4	339.7	336.6	336.4	336.0	337.5	341.4	341.6
7.2	7.9	11.0	11.4	11.6	10.1	6.4	6.0
30	20	13.5		10	13.5	20	30

343.4	343.4	341.4	341.3	341.1	343.1	343.7	343.99	342.54	343.64
5.4	5.4	6.2	6.3	6.5	5.5	4.9	4.64	5.41	5.01
30	20	13.5		10	13.5	20	23. Top of cb along Dr.	Dr.	30 Dr.

343.6	343.9	343.6	341.9	341.7	341.6	342.0	341.90	342.14	342.63
4.0	3.9	4.0	5.7	5.9	6.0	5.6	5.73	5.49	5.00
30	20	16	13.5		11	13.5	17.3	20	30

347.63

12' E. = W.cb. Line

8.5 E. = P.C. walk curve

6.2 E. = Sly. Cor. walk

2.5' E. = End of inside of walk on Lt. - 22.8'

2+70.00 = W.L. Estrella - 19.6' Rt = ℄ P. pole # 4849

2+60

2+30

T.P. 4.19 328.68 13.02 324.49

2+00

	Lt.		℄		Rt
	323.1 5.6 20	323.9 5.8 13.5	323.6 6.1	323.1 6.6 13.5	323.3 6.4 20
323.46 5.20 22.8 walk		323.47 5.21 20.5 walk			
323.57 5.10 22.8 walk					
	323.8 4.9 20	323.5 5.2 13.5	323.6 6.1	323.4 6.3 13.5	323.8 5.9 20
325.1 3.6 30	325.7 3.0 20	324.7 4.5 13.5	323.1 5.6 9	323.7 6.0	323.5 6.2 12	323.9 5.8 13.5	323.3 5.4 20	323.5 5.2 30
324.7 4.5 30	324.0 4.7 20	324.1 4.5 13.5	323.4 5.3	323.1 5.6 11	323.5 5.2 13.5	323.9 4.8 20	323.9 4.8 30
			328.68					
324.9 12.6 30	325.8 11.7 20	325.4 12.1 13.5	325.0 12.5 10	324.9 12.6	324.5 13.0 11	325.9 11.6 13.5	326.3 11.2 20	326.7 11.3 30
			337.51					

0+54 - 17.4' Lt. = ℄ 3.3 Conc. walk

0+45 - 19.7' Rt. = Beg. Picket fence

0+40

0+30 - 18.6 Rt. = ℄ P. pole ± 4863

0+10

Check Pipe 5.84 322.84 ← S.E. Estrella

60' E. = E.L. Estrella = 0+00 ahead.

57' E. = Ely. Cor. walk

53.9' = Sly. Pt of walk See sketch

51' E. = P.C. on Wly of walk

48' E. = E. cb.

30' E. = ℄

Lt. ℄ Rt.

328.14 0.54 23.7 step

327.43 1.25 20.6 step

326.97 1.7.1 17.4 = end.

328.6 0.1 30

328.0 0.7 20

325.9 3.0 13.5

324.8 3.9 9

323.3 3.4

324.8 3.9 13.5

325.4 3.5 15

323.4 3.3 20

325.3 3.4 30

328.0 0.7 30

328.0 0.7 20

325.0 3.7 13.5

323.4 5.3 8

324.0 4.7

323.3 5.4 13.5

323.9 5.0 15

323.8 4.9 20

323.6 5.1 30

324.3 4.4 20

324.0 4.7 13.5

323.7 5.5 9

323.4 5.3

323.5 6.2 11

323.8 5.9 13.5

323.9 5.8 20

323.59 5.11 22.4 walk

323.55 5.13 20.6 walk

323.58 5.10 25 walk

323.1 5.6 20

323.9 5.8 13.5

323.7 6.0

321.4 6.9 13.5

321.7 7.0 20

323.3 5.4 20

323.0 5.7 13.5

323.5 6.2

323.1 6.6 13.5

321.9 6.8 20

328.68

1+35.7 - 02 Lt. = ℄ Sewer M.H. 10.57 on Rim

1+25 = W.L. 20' Alley

1+24 - 18.6 Rt. = ℄ P. pole # P. 4875

1 +19 = ℄ Sing. Gar on Rt. - Conc. floor & apron

1+13 - 19.1 Rt. = end fence

T.P. 5.04 339.19 0.98 334.15 ✓ S.E. 49 ±5 =

1+00 - 15.7 Rt. = ℄ 2.8' Conc walk

0+89 - 19 - Rt. = Beg Picket Fence

0+79 - 22.3' Lt. = ℄ 18" Euc. Tree

0+78 = ℄ Sing. Gar. on Rt. - Conc. floor & apron

T.P. 7.22 335.13 0.77 327.91

0+73 - 19.3' Lt. = Bottom of ℄ 4.2' Conc. Steps

0+60 - 25.4 Lt. = Sing. Gar. - Conc. floor

11

Lt			℄			Rt			
331.0	329.8	329.1	328.4	328.5		327.8	328.1	328.4	327.5
8.2	9.4	10.1	11.0	10.7		11.4	11.1	11.0	11.7
40	20	13.5	9			10	13.5	2.	40

328.15 328.31
11.04 10.88
19.4 24.4
apron floor

339.19

329.5	329.0	327.3	327.0	327.3	327.1	327.76	327.76	327.78
5.6	6.1	7.8	8.1	7.8	8.0	7.37	7.37	7.35
30	20	13.5	11		13.5	15.7	20	23.2
						walk	walk	at step

326.57 326.65
8.61 8.48
19.4 24.5
apron floor

335.13

328.53 327.09
0.15 1.59
22.2 19.3 = Bot step
Top step

326.26	326.5	326.1	325.9	325.9	325.5	325.9	326.1	326.3
2.42	2.2	2.6	3.0	2.8	3.2	2.8	2.6	2.4
25.4	20	13.5	9		12	10	20	27
floor								along House

328.68

2+70.00 = W.L. 49th = edge of Conc. Pave

2+68 - 19.7 Rt. = ℄ P. pole # 4899

2+60

2+25

1+87 - 18.9 Lt. = end fence

1+85

1+80 - 19.7 Rt. = ℄ 3' Conc. walk

1+62 - 18.4 Lt. = ℄ 2.5 Conc. walk

1+53 - 19.9 Rt = ℄ 5 Conc. walk to porch

1+45 = E.L. Hilley - 18.4 - Lt. = Beg picket fence

	Lt.		℄		Rt.		
334.11	333.98	333.34	333.46	333.43	333.21	332.78	333.40	333.56
5.08	5.21	5.85	5.73	5.76	5.98	6.41	5.79	5.69
20	15.3	15.3	6.75		6.75	15.3	15.3	20
Cor. Ret.	Top-end Ret.	gut				gut.	Top-end Ret	Cor. Ret.
334.17	334.0	333.5	332.7	332.9	332.6	333.1	333.0	333.4
4.5	5.2	5.7	6.5	6.3	6.6	6.1	6.2	5.8
30	20	13.5	10		11	13.5	20	30
333.0	332.6	331.9	331.4	331.6	331.3	331.7	331.7	331.0
6.2	6.6	7.3	8.0	7.6	7.9	7.5	7.5	8.2
30	20	13.5	10		11	13.5	20	30
331.0	331.5	330.6	330.0	330.0	329.8	330.2	330.2	330.0
7.2	7.7	8.6	9.2	9.2	9.4	9.0	9.0	9.2
30	20	13.5	10		11	13.5	20	30
						329.64		
						9.65		
						19.7 conc.		
333.58	331.73	331.72			328.99	329.09	329.94	
5.61	7.94	7.97			10.22	10.10	9.25	
26.8	23.4	18.4			19.9	22.9	23.9	
Top conc Porch	at porch	walk			walk	walk at porch	Top conc Porch	
331.6	330.4	329.5	329.0	328.9	328.5	328.7	328.7	327.8
7.6	8.8	9.7	10.2	10.3	10.7	10.5	10.5	11.4
40	20	13.5	10		12	13.5	20	40

339.19

0+13 - 18.6' Rt. = Nly. of 3' Hedge - 6' High

0+10

T.P. 11.45 348.41 2.23 336.96

= 0+00 ahead.

60' E. = E.L. 49th = edge of Conc. Paul

48' E. = E. cb.

30' E. = ℄

12' E. = W. cb.

Lt.			℄			Rt.		
339.5	339.0	337.6	336.0	336.0	335.8	336.3	337.8	337.8
8.9	9.4	10.8	12.4	12.4	12.6	12.1	10.6	10.6
30	20	13.5	12		12	13.5	20	30

348.41

335.83	335.86	335.26	335.37	335.19	334.88	334.46	335.01	334.96
3.36	3.33	3.93	3.92	4.00	4.31	4.73	4.18	4.23
20	15.2	15.2	6.75		6.75	15.2	15.2	20
Cor. Ret.	Top end Ret.	Gut.				Gut.	Top end Ret.	Cor. ret

337.28	336.68	337.78	335.26	334.83	334.68	334.39	334.11	333.95	333.65	334.20	333.14	333.68
1.91	2.51	3.41	3.93	4.36	4.51	4.80	5.08	5.24	5.54	4.99	6.07	5.51
68.5	68.5	33.5	33.5	20	13.5		13.5	20	33.5	33.5	58.5	58.5
Top	Gut	Top P.C.	Gut						Gut	Top P.C.	Gut.	Top

336.86	335.39	334.96	334.64	334.48	334.14	334.01	333.69	333.17	
2.33	3.80	4.23	4.37	4.71	5.08	5.18	5.50	6.02	
68.5	33.5	20	13.5		13.5	20	33.5	58.5	

336.69	336.19	335.04	334.60	334.11	334.12	333.90	333.43	333.15	337.79	333.28	332.24	332.85
2.50	3.00	4.15	4.69	5.08	5.07	5.29	5.76	6.04	6.40	5.91	6.95	6.34
68.5	68.5	33.5	33.5	20	13.5		13.5	20	33.5	33.5	58.5	58.5
Top	Gut	Top P.C. to Rad.	Gut.						Gut.	Top P.C.	Gut.	Top

339.19

Dr - Behind fence (will be used)

1+51 - Lt = ℄ Sing Gar - 2-18" Conc. Strip
2 Conc. floor

1+45 = E.L. Alley - 19.8 Lt. = Beg. Picket fence

Sewer MH.
1+36.8 - 0.4' Lt. = ℄ 4.60 on Rim

1+25 = W.L. 20' Alley - 19.8' Lt. = end Conc. wall & fence

1+23.5 - 19' Rt. = ℄ P. pole # 4925

1+08 - 19.8' Lt. = ℄ 3.2 Conc walk in wall

0+85 - 19.8 Lt. = Beg. 5" Conc. wall - & Picket fence

0+80

0+77 - 33.7 Lt. = ℄ Sing Gar. - Conc. floor

0+64 = ℄ Sing. Gar. on Rt. - Conc. floor & apron

0+53 - 19.3' Rt. = end Nly. of Hedge

0+40

	Lt.		℄		Rt.	
345.35	345.13					
3.06	3.28					
31	21 = end Dr.					
floor						
	345.3	345.0	344.1	343.5	343.3	343.0
	3.1	3.4	4.3	4.8	4.9	5.1	5.4
	40	20	13.5		13.5	20	40
344.6	344.5	343.9	343.6	343.4	343.5			
3.8	3.88	4.4	4.8	5.0	4.9		343.2	343.4	342.9
40	19.8	19.8	13.5	10			5.2	5.0	5.5
	Top wall						13.5	20	40
345.35	343.86	343.87	343.4	343.0	343.0	342.7	343.0	343.1	342.7
2.86	4.55	4.54	5.0	5.4	5.4	5.7	5.4	5.3	5.7
26.9 Top Porch	25	19.8	19.8	13.5		11	13.5	20	30
	at Porch	Top Walk	ground						
343.67									
4.79									
19.8									
Top wall	343.3	342.7	342.2	341.6	341.9	341.6	342.0	341.8	341.6
	5.1	5.7	6.2	6.8	6.5	6.9	6.4	6.6	6.8
	30	20	13.5	10		10	13.5	20	30
343.95									
4.46									
33.7							341.11		341.19
floor							7.30		7.22
							19.8		26
							apron		floor
340.9	340.8	340.4	339.2	339.3	339.0	339.4	339.6	339.9	341.53
7.5	7.6	8.0	9.2	9.1	9.4	9.0	8.8	8.5	6.88
30	20	13.5	9		11	13.5	20	30	52
									floor
									house

348.41

T.P 1	6.40	352.18	2.63	345.78	S.W. 7' + Prop Disk.
2 +40					

2 +31 - 19.5 Lt. = end of wall (under Const)

with Conc slab behind

2 +10 - 19.8 Lt. = Beg. 8" Conc. + Tile wall

2 +06 = ℄ Sing. Gar. on Lt. - Conc floor + apron

1 +96 - 19.8' Lt. = end fence

1 +77.5 = 19.9 Lt. = ℄ 3' Conc. walk

1 +75

1 +71 - 24.5' Rt = ℄ 3' Conc. walk to House - to the W.

	Lt.		℄		Rt			
347.3	347.0	346.9	346.0	345.9	345.2	345.4	345.1	344.4
1.1	1.4	1.5	2.4	2.7	3.2	3.0	3.3	4.0
30	20	16	13.5		11	13.5	20	30

347.14	346.95	345.53	346.7
1.27	1.46	2.88	1.7
30	20.2	19.5	19.5
on Slab.	on slab.	Bottom of wall	ground.

346.93
1.48
25.9
on slab by Gar.

346.87	345.71	346.71	345.7	345.2	345.0	346.6	344.41	343.7
1.59	3.20	2.2	2.7	3.2	3.4	3.8	4.0	4.7
20.6	19.8	19.8	13.5	11		13.5	20	30
on Conc. Slab.		Bottom of wall	ground.					

346.95	346.10
1.46	2.31
25.8	19 = Apron
floor	

347.38	345.95	345.90
1.03	2.46	2.51
27.2	26	19.9
Top Conc. porch	at steps	walk

345.8	345.3	344.8	344.3	343.8	344.0	343.5	343.3
2.6	3.1	3.6	4.1	4.6	4.4	4.9	5.1
30	20	13.5		12	13.5	20	30

343.59	345.41
4.84	3.00
24.5	floor
walk	House

348.41

S.E. B.P. 49 Lt.

			11.34	334.16 ✓	- 334.15
T.P.	1.63	345.50	8.31	343.87	

Same as W. side Winona

Return in on S.E. Cor & cb. & walk to S.

30' E. = ℄ = end.

Lt.		℄		Rt.	
348.3	347.7	347.5	347.0	346.5 ✓	346.4	344.9
3.9	4.5	4.7	5.2	5.7	6.0	7.3
50	20	13.5		13.5	20	50

12' E. = W. cb.

348.4	347.3	347.1	346.8	345.7	345.4	345.0	345.59	343.9	344.65
3.8	4.9	5.1	5.4	6.5	7.0	7.2	6.59	8.3	7.53
50	20	13.5		13.5	20	23.5	23.5	50	50
						out.	Top PC. 10' Rad.	out.	Top

Rod on ℄ of 10' Rad. Ret. on S.W. Cor

6.41
℄ Top cb.

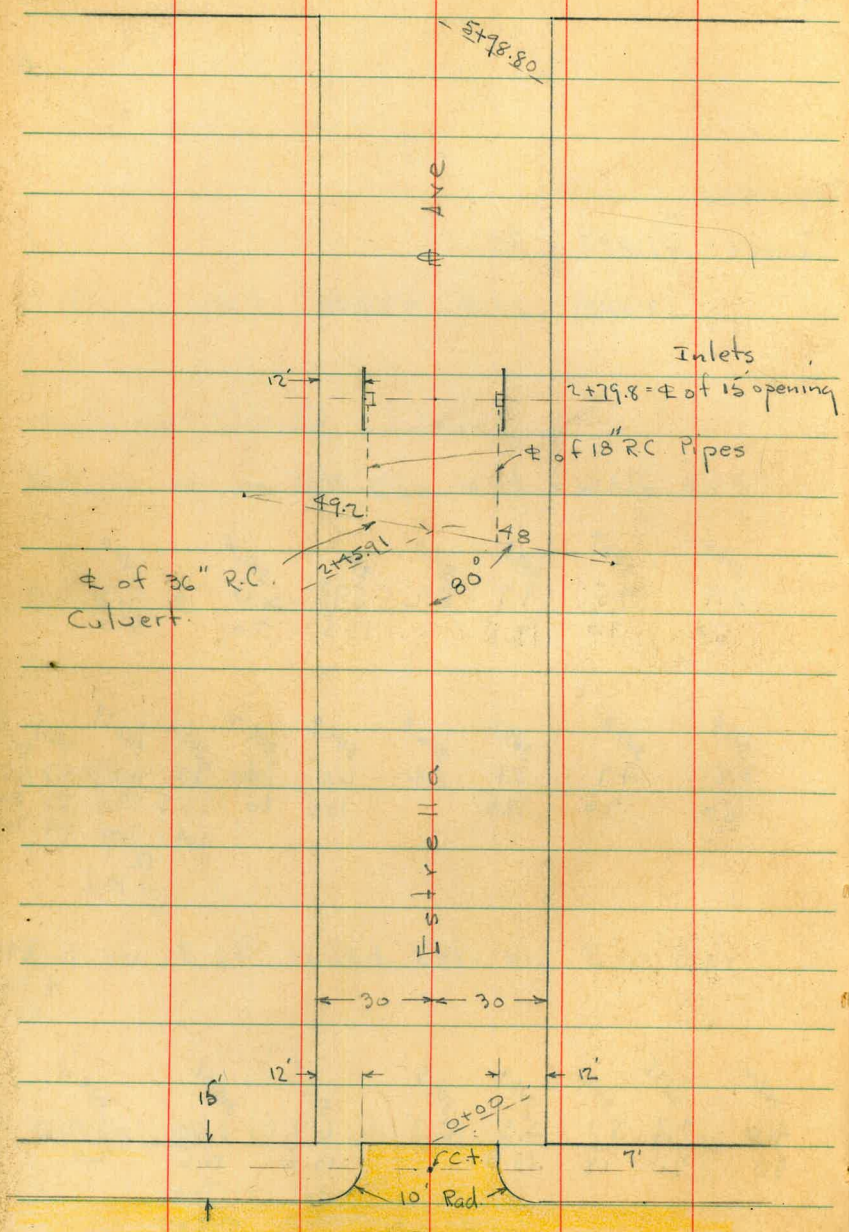
2 + 70 . 20 = W.L. Winona = end of cb. on Rt.

348.4	347.5	347.1	346.9	346.5	345.6	345.68	346.0
4.0	4.7	5.1	5.3	5.7	6.7	6.50	6.2
50	20	18	13.5		13.5	13.5	20
					out.	Top = end of cb.	

352.18

Polk - See Sections

Hue



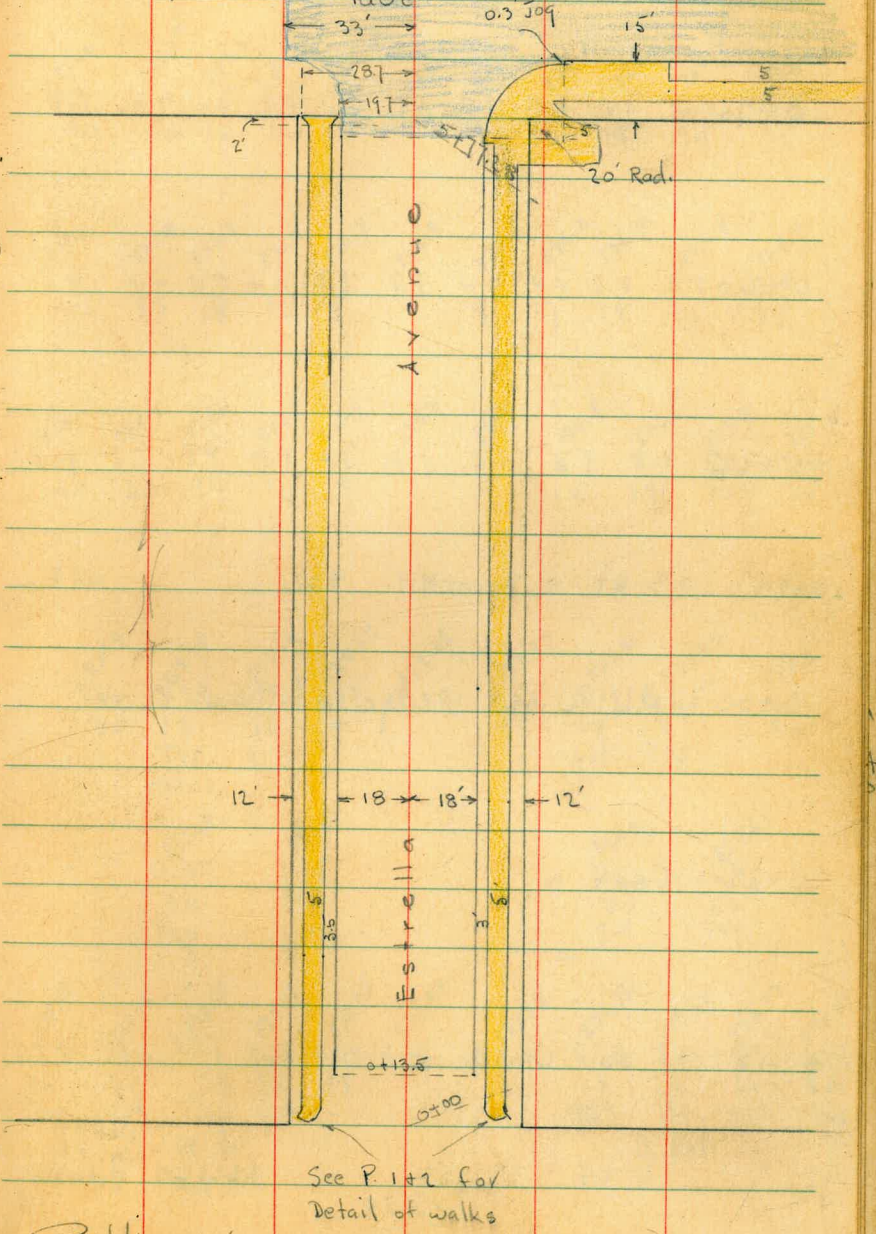
Ohio

Hue

Orange - 80'

Cold Lay Pave

Hue 17



Polk = 40'

Hue

0+90

0+60

0+25

0+24.3 - 0.3 Rt. = ℄ Sewer M.H. 4.32 on Rim

0+00 = N.L. Univ. : edge of Conc. Pave

0-15 - Cont.

0-15 = N. cb. Univ.

5 84 332.52 326.68 S.W. BP Univ & Estrella

Lt. ℄ Rt

327.6	326.5	326.0	325.0	325.4	325.5	325.4	325.1	326.0	326.4	328.0
4.9	6.0	6.5	7.5	7.1	7.0	7.1	7.4	6.5	6.3	4.5
40	30	18	16	9		9	16	18	30	35

329.1	327.9	327.3	326.5	326.8	326.8	326.5	326.0	326.7	326.8	328.7
3.4	4.6	5.2	6.0	5.7	5.7	6.0	6.5	5.8	5.7	3.8
40	30	18	16	9		9	17	18	30	35

330.1	329.4	328.6	327.7	328.0	328.4	327.4	326.8	327.5	327.3	330.1
2.4	3.3	3.9	4.8	4.5	4.3	5.1	5.7	5.0	5.2	2.4
40	30	19	17	9		9	18	19	30	35

329.9	329.24	328.60	328.53	328.38	327.97	327.41	327.97		327.3	
2.6	3.28	4.02	3.99	4.14	4.55	5.11	4.55		5.2	
30	18	18	9		9	18	18		30	
	Top end cb.	gut.				gut.	Top			

	331.03	330.37				329.96		328.61		
	1.49	2.15				7.56		6.91		
	50	50				50		50		
	Top	gut.				gut.		Top		

329.58	328.96	329.55	328.89	328.45	328.03	327.38	326.76	329.52	326.77	327.41
2.94	3.56	2.97	3.65	4.07	4.49	5.24	5.76	5.00	5.18	5.11
30	30	28	28	18		18	28	28	30	30
Top	gut.	Top	gut.				gut.	Top	gut.	Top
		PC. 10' Rad. Ret.						PC. Ret.		

332.52

see sketch - Rods on Inlet & outlet.

2+45.91 = Int. ℄ & ℄ 36" Pipe Culvert

2+37.5 - 3' Lt. = ℄ Sewer M.H. 4.85 on Rim

2+20

2+00

1+80

Check B.M.	1.31	322.47	0.48	322.83 ✓	S.E. Pipe ~~Flt~~ 322.84
T.P.	2.15	323.31	11.36	321.16	

1+50

1+20

303.9 Lt ℄ Rt. 300.74

18.52 22.23

Flowline of Inlet - 36" Culvert. Flowline of outlet

308.4	308.8	315.4	315.4	314.4	314.7	314.8	314.7	314.1	314.6	314.7	311.8	305.6
14.1	13.7	7.1	7.3	8.1	7.8	7.7	7.8	8.4	7.9	7.8	10.7	16.9
50	42	30	18	15	9		9	15	17	30	40	50

315.8	316.9	316.6	315.8	316.1	316.4	315.9	315.4	316.0	315.6	311.8
6.7	5.6	5.9	6.7	6.4	6.3	6.6	7.3	6.5	6.9	10.7
40	30	17	15	9		9	15	17	30	40

319.3	318.9	318.3	317.6	317.8	317.9	317.6	317.0	317.8	317.7	314.6
3.2	3.6	4.2	4.9	4.7	4.6	4.9	5.5	4.7	4.8	7.9
40	30	18	16	9		9	14	16	30	40

℄ 322.47

328.0	321.9	321.3	320.4	320.5	320.7	320.3	319.7	319.9	320.1	319.9
4.5	10.6	11.2	12.3	12.0	11.8	12.2	12.8	12.6	12.4	12.6
35	30	18	17	9		9	15	18	30	40

Top

329.8	324.4	324.1	323.1	323.4	323.5	323.3	323.9	323.6	323.8	335.7
2.7	8.1	8.4	9.4	9.1	9.0	9.2	9.6	8.9	8.7	6.8
35	30	18	17	9		9	15	18	30	35

Top Bank

332.52

3+50

3+05

T.P. 12.11 324.70 9.88 312.59 = N. end w Inlet

2+873 = opp. N. end 15' opening

2+79.8 = ± 15' inlets - 2.2 x 3.3' Grates

2+72.3 = opp. S. end of 15' opening of Inlets on Both sides

2+50

	Lt.			℄				Rt.
323.3	314.8	314.5	313.5	313.7	313.7	313.6	313.3	314.1	314.3	313.7
1.4	9.9	10.2	11.2	11.0	11.0	11.1	11.4	10.6	10.4	11.0
35	30	18	15	9		9	15	18	30	40
317.5	313.5	313.0	312.1	312.3	312.1	311.9	311.7	312.4	312.5	312.7
7.2	11.2	11.7	12.6	12.4	12.6	12.8	13.0	12.3	12.2	12.0
35	30	18	15	9		9	14	18	30	40

324.70

312.53	311.53	310.98	312.04
9.94	10.94	11.49	10.43
18	18	18.1	18.1
Top cb.	Top wier	Top wier	Top cb.

310.1	312.9	308.00	312.52	311.55	312.0	312.1	311.8	311.01	312.03	307.53	312.5	312.1
12.4	9.6	14.47	9.98	9.92	10.5	10.4	10.7	11.46	10.44	14.94	10.0	10.4
40	30		18	18	9		9	18.1	18.1		30	40
		F.L. 18" Pipe to S.	Top cb.	grate				Top grate Cb.		F.L. 18" Pipe to S.		

304.5	313.8	313.3	312.6	312.9	313.1		312.8	312.1	313.0	313.0	317.8	
18.0	8.7	9.2	9.9	9.6	9.4		9.2	10.4	9.5	9.5	14.7	
50	30	18	15	9			9	16	18	30	40	
Toe slope					322.47							

312.46	311.41	310.99	312.06
10.01	11.06	11.48	10.41
17.9	17.9	18.1	18.1
Top of cb.	Top of wier = opening	Top wier	Top cb.

for. Int. See Polk Sect. - P.9

T.P.	12.56	335.40	1.86	322.84	= B.M. on S.E. Pipe

5+98.80 = S.L. Polk

Conc. floor

5+56 = 29.8' Rt. = ℄ 8' Conc. Dr. to Sing. Gar

5+50

5+00

4+50

4+00

	Lt.		℄		Rt.
	329.8	323.2	321.7	321.8	321.9	321.3	321.8	322.9
	1.9	2.5	3.0	2.9	2.8	3.4	3.0	1.8
	30	18	15	9		9	18	30

321.24	322.47
3.46	2.28
29.8	45.2
Dr.	floor

321.7	321.1	320.7	319.7	320.1	320.2	320.0	319.6	320.4	320.9	321.6
3.0	2.6	4.0	5.0	4.6	4.5	4.7	5.1	4.3	3.8	3.1
40	30	18	15	9		9	15	18	30	40

321.1	319.4	319.0	318.2	318.5	318.7	319.4	318.0	318.6	318.9	318.9
3.6	5.3	5.7	6.5	6.2	6.0	6.3	6.7	6.1	5.8	5.8
40	30	18	15	9		9	15	18	30	40

323.3	318.1	318.0	316.9	317.3	317.6	317.2	316.8	317.2	317.0	321.6
1.4	6.6	6.7	7.8	7.4	7.1	7.5	7.9	7.5	7.7	13.1
35	30	18	15	9		9	15	18	30	40

325.5	316.7	316.3	315.4	315.9	316.1	315.9	315.1	316.0	316.1	317.2
+0.8	8.0	8.4	9.3	8.8	8.6	8.8	9.6	8.7	8.6	12.5
35	30	18	16	9		9	15	18	30	40

324.70

INDEXED

1+60

1+49 = 6" Conc. Pr. on Lt.

1+30

1+00

0+50

0+13.5 = Beg.

0+00 = N.L. Polk

Estrella X-Sect. (Cont.)

22

	Lt.			℄			Rt	
	337.2	331.4	331.5	331.3	331.3	331.3	332.64	
	3.18	4.0	3.9	4.1	4.1	4.1	2.76	
	18	18	9		9	18	18	
	Top	gut.				gut.	Top	
331.47	331.18							
3.68	4.22							
21.5	17.9							
walk	Dr.							
	330.63	329.8	329.8	329.8	329.8	330.1	331.06	
	4.77	5.6	5.6	5.6	5.6	5.3	4.34	
	18	18	9		9	18	18	
	Top	gut.				gut.	Top	
	328.97	328.2	328.6	328.5	328.6	328.5	329.24	
	6.43	7.2	6.8	6.9	6.8	6.9	6.16	
	18	18	9		9	18	18	
	Top	gut.				gut.	Top	
	326.07	325.8	325.8	325.7	325.7	325.4	326.20	
	9.33	9.9	9.6	9.7	9.7	10.0	9.20	
	18	18	9		9	18	18	
	Top	gut.				gut.	Top	
324.16	324.07	324.01	323.5	323.8	323.8	323.8	323.4	323.99	324.03	324.09
11.24	11.33	11.39	11.9	11.6	11.6	11.6	12.0	11.41	11.37	11.31
26.5	21.5	18.1	18.1	9		9	18	18	21	26
walk		Top-	gut.				gut.	Top-		walk
		end cb						end cb		
323.9										
11.7	323.4	323.1	323.2	323.3	323.2	322.9	323.8		324.3	
30	12.0	12.3	12.2	12.1	12.2	12.5	12.1		11.1	
	20	18	9		9	16	18		30	

335.40

3+50

3+37 = ℄ 12' Conc. Dr. on Rt.

3+00

2+50

T.P. 12.88 347.92 0.36 335.04

2+41 = ℄ 12' Dr. Sect. on Lt. in cb. - Cold Lay to walk

2+32 = ℄ 12' Dr. Sect. on Rt.

2+20

1+90

Lt. Rt.

338.63	337.8	338.1	338.2	338.7	337.8	338.88
9.29	10.1	9.8	9.7	9.7	10.1	9.04
18	18	9		9	18.1	18.1
Top	gut				gut.	Top

338.07 — 9.90 — 18 — Dr.

338.53 — 9.39 — 21 — walk

339.01	336.1	336.4	336.4	336.4	336.4	337.35
10.91	11.8	11.5	11.5	11.5	11.5	10.57
18	18	9		9	18.1	18.1
Top	gut				gut	Top

335.45	334.8	334.9	334.9	335.0	334.9	335.79
12.47	13.1	13.0	13.0	12.9	13.0	12.13
18	18	9		9	18.1	18.1
Top	gut				gut.	Top

347.92

335.11 — 0.29 — 21.5 — walk

334.64 — 0.76 — 17.9 = Dr.

334.80 — 0.60 — 18 — Dr.

335.29 — 0.11 — 21 — walk

334.44	333.8	334.0	333.9	334.0	333.9	334.86
0.98	1.6	1.4	1.5	1.4	1.5	0.54
18	18	9		9	18.1	18.1
Top	gut				gut	Top

332.41	332.7	332.9	332.7	332.8	332.7	333.11
1.99	2.7	2.5	2.7	2.6	2.7	1.49
18	18	9		9	18	18
Top	gut				gut	Top

335.40

Pave

20' Rad Ret on Rt - also edge of Coldlay

5+72.28 = opp. - end of cb. on Lt. + P.C. of

5+40

5+00

4+86 = ℄ 11' Conc. Dr. on Lt.

4+50

4+41 - ℄ 12' Conc. Dr. on Rt.

4+39 - ℄ 11' Conc. Dr. on Lt.

4+20 = ℄ 11' Dr. Sect in cb on Lt. - Dirt behind.

4+00

	Lt.		℄			Rt.	
	346.84	345.07	345.26	345.24	345.27	345.04	345.89
	2.08	2.90	2.66	2.68	2.70	2.88	2.03
	18.1	18.1	9		9	17.9	17.9
	Top	gut				gut.	Top
	344.77	344.7	344.4	344.3	344.3	344.1	344.87
	3.15	3.7	3.5	3.6	3.6	3.8	3.10
	18	18	9		9	18.1	18.1
	Top	gut				gut	Top
	343.46	342.9	343.0	343.1	343.1	343.0	343.59
	4.46	5.0	4.9	4.7	4.7	4.9	4.33
	18	18	9		9	18	18
	Top	gut				gut.	Top
343.09	343.59						
4.83	5.33						
21.5	17.9						
walk	Dr.						
	341.90	341.7	341.5	341.6	341.7	341.4	342.00
	6.02	6.7	6.4	6.3	6.2	6.5	5.92
	18	18	9		9	18	18
	Top	gut				gut.	Top
						341.23	341.77
						6.69	6.15
						18	21
						Dr.	walk
	341.60		341.05				
	6.32		6.87				
	21.5		17.9				
340.96	walk	340.45	Dr.				
6.96		7.47					
21.5		17.9					
walk		Dr.					
	340.24	339.7	339.8	339.9	339.9	339.7	340.48
	7.68	8.2	8.1	8.0	8.0	8.2	7.44
	18	18	9		9	18.1	18.1
	Top	gut				gut.	Top

347.92

Rods around S.E. Ret. - Orange & Estrella.
30.8 around - 4 parts - 7.7 each

350.41

		El.	
Beg. = P.C. 8' S. of S.L. Orange	4.53	345.88	T = Top
	5.38	345.03	g = gut.
7.7 N. = 1/4	4.35	346.06	T
	5.16	345.25	g
" = 1/2	4.33	346.08	T
	5.09	345.32	g
= 3/4	4.39	346.02	T
	5.11	345.30	g
Estrella = E.C. = 8' E. of E.L.	4.59	345.82	T
	5.13	345.28	g
40' N. = ℄ Orange = End.			
15' N. = S. cb.			
			S.E. B.P. Orange
	1.95	348.46	348.45
T.P. 4.49 350.41	2.00	345.92	

5+77.28 = S.L. Orange = end of walk on Lt.

345.6 / 4.8

346.10 / 4.31 — 33 — edge

346.17 / 4.24 — 30

346.21 / 4.20 — 18

346.34 / 4.07

346.58 / 4.13 — 18

346.21 / 4.20 — 30

346.16 / 4.25 — 38

345.71 / 4.70 — 80

344.7 / 5.7 — 80

345.28 / 5.13 — 33 — edge Page

345.41 / 5.00 — 30

345.61 / 4.80 — 18

345.77 / 4.64

345.67 / 4.74 — 18

345.39 / 5.02 — 30

345.28 / 5.13 — 38 — gut.

345.82 / 4.59 — 38 — Top P.C. 20' Rad.

344.91 / 5.50 — 80 — gut.

345.59 / 4.82 — 80 — Top

350.41

329.7 / 18.2 — 27.8 — cor. walk

346.00 / 1.92 — 19.7 — edge walk = Cor.

345.17 / 2.75 — 18

345.37 / 2.55 — 9

345.38 / 2.54

345.33 / 2.59 — 9

345.16 / 2.76 — 19 — gut.

346.04 / 1.88 — 19 — Top

347.92

4.24 347.51 343.27 N.W. Polk + 48th

Rods around Returns - at 48th ± + Polk

INDEXED

- S.W. Ret. - 23' around - from P.C. to end at W.L. 48th ± - 4 parts - 5.7 each

Beg. - P.C. - 13.5' S. of S.L.	4.88	342.63	T = Top
	5.33	342.18	q = qut.
5.7 N.	4.65	342.86	T
" = ±	5.11	343.40	q
	4.47	343.04	T
	4.94	342.57	q
"	4.26	343.25	T
	4.76	342.75	q
5.7 = end = W.L. 48th ±	4.04	343.47	T
	4.51	343.00	q

N.W. Ret. 23.3' around - 4 - 5.8 each

Beg W.L. 48th ±	3.27	344.24	T
	3.76	343.75	q
5.8 N.	3.31	344.20	T
	3.79	343.72	q
"	3.35	344.16	T
	3.81	343.70	q

3-1-48 7.0. 347.51

5.8	3.32	344.19	T
	3.82	343.69	q
5.8 = end = P.C.	3.31	344.20	T
	3.77	343.74	q

N.E. Ret. - 22.8 around - 4 - 5.7 each

Beg. - P.C.	4.24	343.27	T
	4.64	342.87	q
5.7 S.	4.22	343.29	T
	4.63	342.88	q
" = ±	4.17	343.34	T
	4.64	342.87	q
"	4.18	343.33	T
	4.64	342.87	q
5.7 = end = E.L. 48th ±	4.15	343.36	T
	4.62	342.89	q

S.E. Ret. - 23' around - 4 - 5.7 each

Beg. on E.L. 48th ±	5.22	342.29	T
	5.68	341.83	q

		347.51			
5.7 S.			5.26	342.25	T
			5.79	341.72	q
" = ±			5.47	342.04	T
			5.93	341.58	q
"			5.67	341.84	T
			6.12	341.39	q
5.7 = end = P.C.			5.89	341.62	T
			6.36	341.15	q

						SE. B.P.
		4.64	338.79		334.15	27
Rods around Returns - 49th ±						
Polk - from P.C. to end on Prop. line						
Beg - S.W. Ret. - 23.2 around - 4 - 5.8 each						
Beg P.C. 13.5 S. of Polk S.L.				5.51	333.28	T
				6.02	332.77	q
5.8 N.				5.41	333.38	T
				5.98	332.81	q
" = ±				5.36	333.43	T
				5.97	332.82	q
"				5.38	333.41	T
				5.99	332.80	q
5.8 = end = W.L. 49th				5.39	333.40	T
				6.02	332.77	q
N.W. Ret. - 23.3 around - 4 - 5.8 each						
Beg. W.L. 49th ±				4.80	333.99	T
				5.41	333.38	q
5.8 N.				4.58	334.21	T
				5.19	333.60	q
" = ±				4.27	334.52	T
				4.91	333.88	q

	338.79				
5.8		4.04	334.75	T	
		4.64	334.15	g	
5.8 = end = P.C.		3.76	335.03	T	
		4.30	334.49	g	
N.E. Ret. 23.3 around - 4 - 5.8 each.					
Beg on P.C. = N.		3.04	335.75	T	
		3.56	335.23	g	
5.8		3.17	335.62	T	
		3.77	335.02	g	
" = ℄		3.26	335.53	T	
		3.89	334.90	g	
"		3.17	335.62	T	
		3.84	334.95	g	
5.8 = end - E.L. 49th		2.93	335.86	T	
		3.54	335.25	g	
S.E. Ret. - 23.2 around - 4 - 5.8 each					
Beg. E.L. 49th		3.79	335.00	T	
		4.34	334.45	g	

	338.79			
5.8	4.00	334.79	T	
	4.60	334.19	g	
" - ℄	4.14	334.65	T	
	4.79	334.00	g	
"	4.38	334.41	T	
	4.98	333.81	g	
5.8 = end = P.C.	4.63	334.16	T	
	5.14	333.65	g	

Alleys Blks. 21-22-23-24-29-30+32
Fairmount Add. to City Hgts.

Cross Section

6-7-48

W.O.# 31168

Sommermeyer
McCoy
W Moore

● = Fd L.+T. or disk.
■ = Fd Hub.
● = Set Nail
■ = Set Hub + disk
+ = cut cross
All distances chained.
(W) = Water meter box.

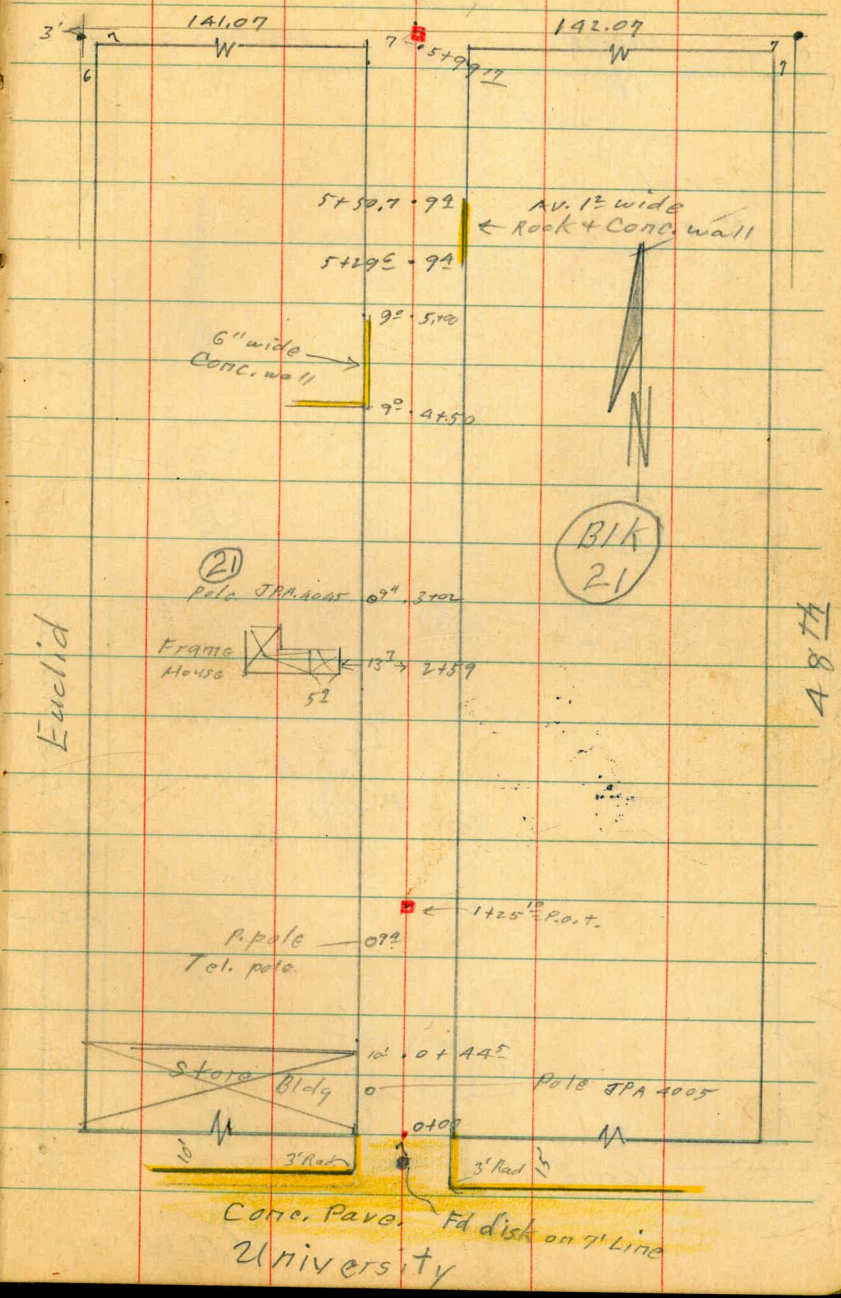
INDEXED
JUN 24 1948

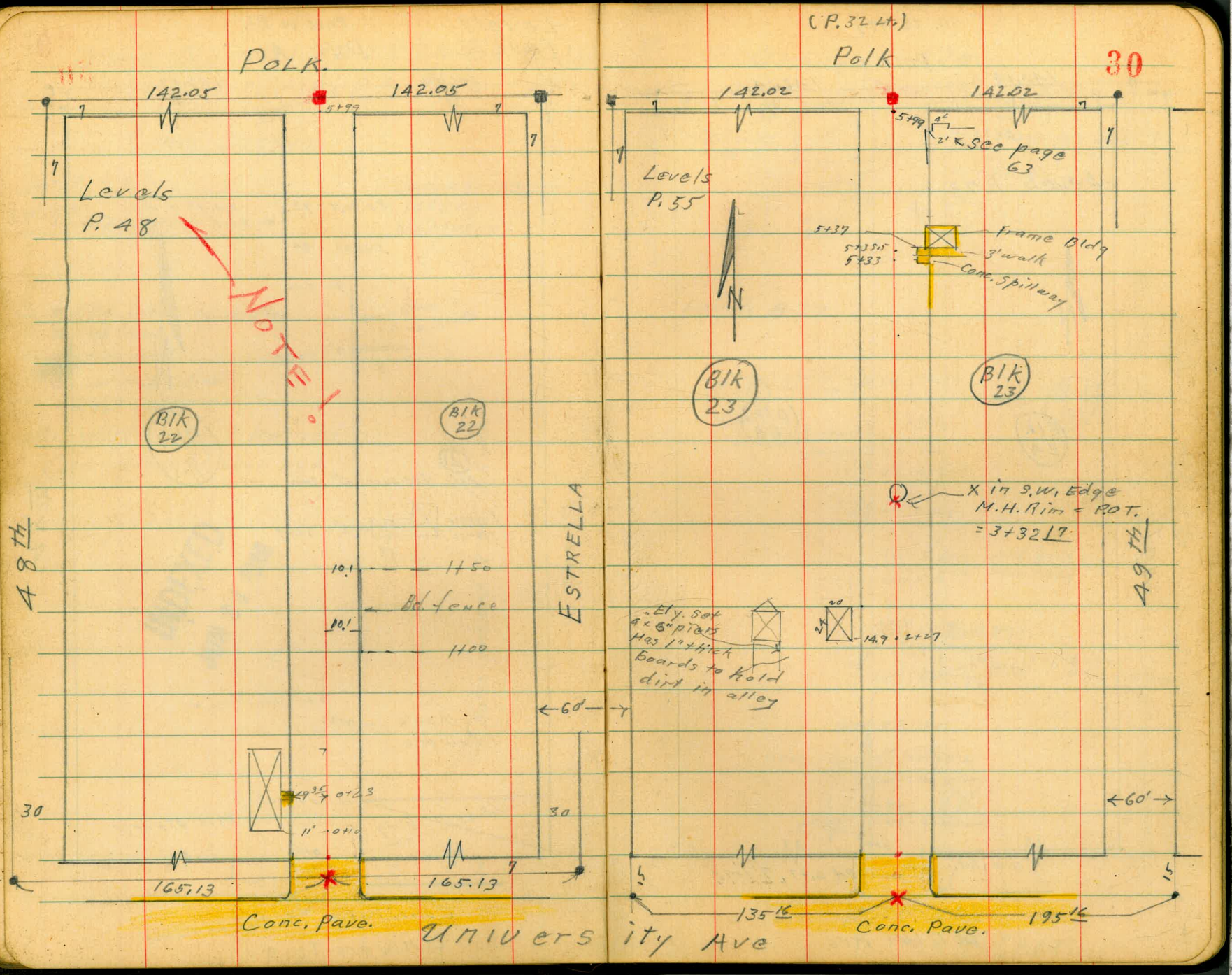
Notes reduced 7-48 M.K.Lee

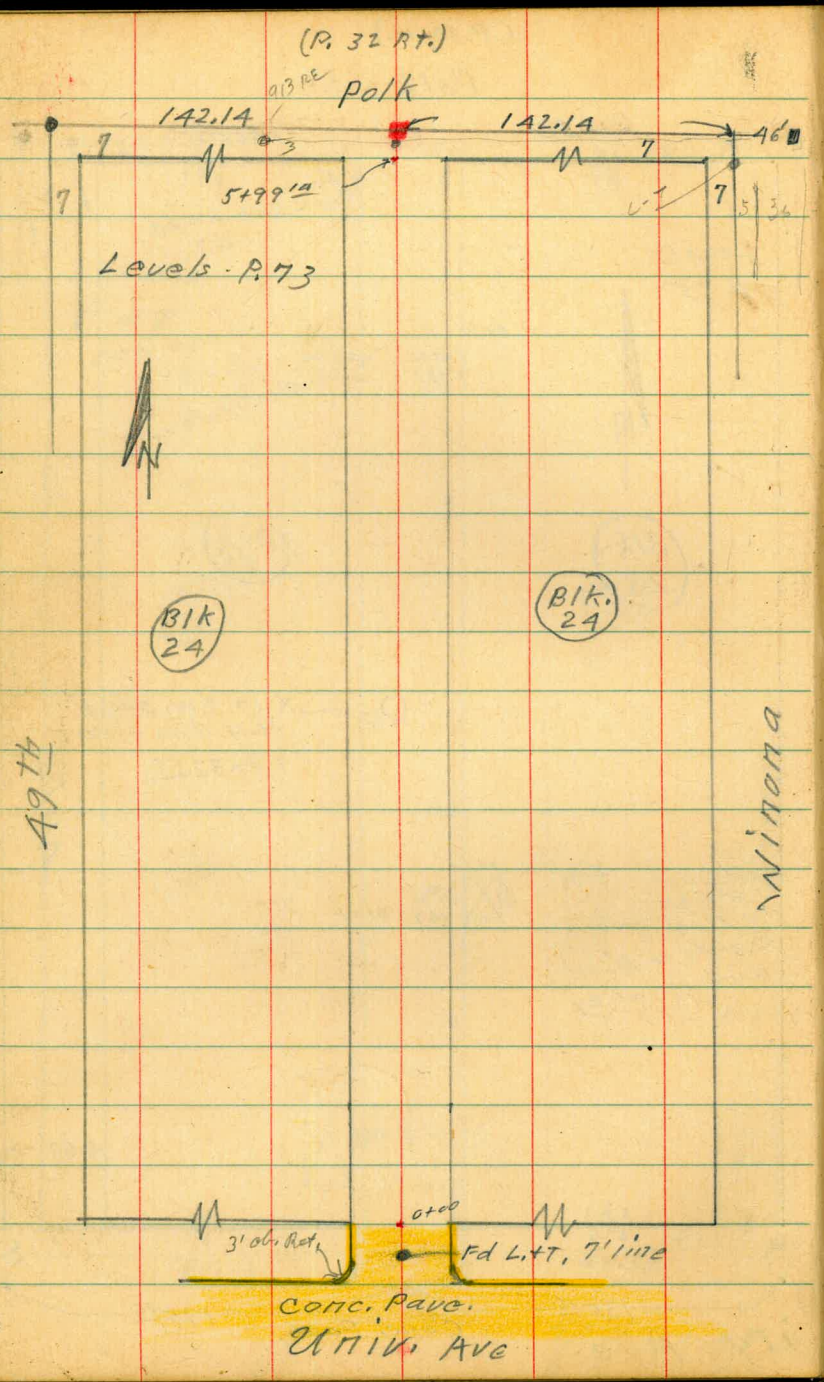
Levels
Page 33

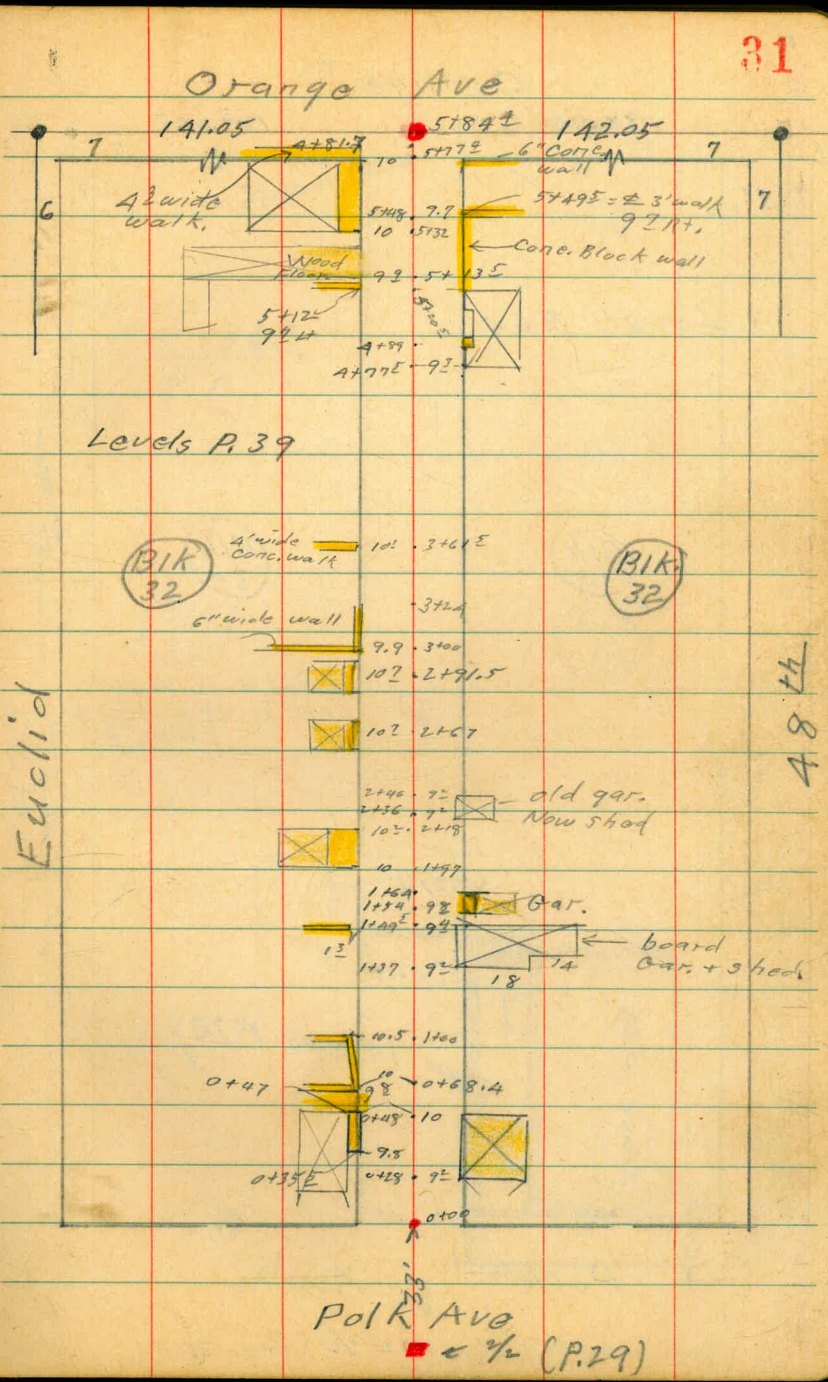
Page 31 Rt.
Polk. Ave

29




POLK.
142.05
142.05
5+99
Levels
P. 48
NOTE!
BLK 22
BLK 22
48 TH
ESTRELLA
10.1
1150
Bd. fence
10.1
1100
60
30
30
165.13
165.13
Conc. Pave.
University Ave
(P. 32 Lt.)
POLK
142.02
142.02
5+99
2'
See page 63
Levels
P. 55
5437
5435.5
5433
Frame Bldg
3' walk
Conc. Spillway
BLK 23
BLK 23
X in S.W. Edge M.H. Rim = R.O.T. = 3732.17
49 TH
Ely. Set 4"x6" piers Has 1"thick boards to hold dirt in alley
14.7 + 2+27
60'
135.16
195.16
Conc. Pave.


(P. 32 Rt.)
Polk
142.14
142.14
5+99.1
Levels - P. 73
Blk 24
Blk. 24
49 th
Wilma
0+00
31 ob. Rd.
Fd L.T., 7' line
Conc. Pave.
Univ. Ave


Orange Ave
141.05
142.05
5+84.2
5+77.2
6" Conc. wall
4' wide walk.
5+49.3 = ± 3' walk 9' Rt.
Conc. Block wall
Wood floor
5+12.5
9.2 Rt
Levels P. 39
Blk 32
Blk 32
4' wide Conc. walk
6" wide wall
Euclid
48 th
old gar. Now shed
Gar.
board Gar. + shed
0+47
0+68.4
0+35.5
Polk Ave
℄ ½ (P. 29)

Orange

188.06 — conc. wall — 142.06

5+79.28

7 53 7

Levels P. 64

Blk 30

Blk 30

N

Chisel X in M.H. 2+71.2 (S.W. side of RTm)

49th

Estrella

87'

0.45

0.38

Stucco Bldg

(Levels P. 72)

0+00

Polk Ave.

33'

± 2/2 (Page 30 Rt.)

Orange Ave

141.97 — 187.97

5+77.42

7 53 7

Levels FB 1865 P. 1

4+02 = 2/2 P.T.

Blk 29

Blk 29

49th

Wilma

Frame House

8' 1.72 2+02

10' 1.94

7' 10' 1.79

4 8' 7.3 1.79

9.6 1.73

0+00

Polk Ave

33'

± 2/2 (Page 31 Lt)

Levels Alley Blk. 21 Fairmount Add to City Hgts
Sketch P. 29

0 + 24 9° Lt. = Pole # 4307629 H + J.P.A. #4005

0 + 06 8± Lt. = deadman

0 + 01 8± Lt. = deadman

0 + 00 { 10.1 Lt. = End cb.
9.8 Rt. = End cb. 10' Lt. = S.E. cor. store bldg.
= End conc. Pave.

0 + 00 ± 5.38 342.90 B.M. #1

0 - 10 = N. Cb. line. Univ. to west.

0 - 10½ = N. gutter line. Univ. to west

0 - 15 = N. Cb. line Univ. to East.

0 - 15½ = N. Gutter line Univ. to East

N.W.B.R. Euclid & University 7.60 348.28 — 340.68

343.19 5.09 / 100 cc
343.18 5.10 / 10½ C
342.90 5.38
343.21 5.07 / 9 8 C.
343.43 4.85 / 9 8 cc

341.53 6.75 / 100
342.23 6.05 / 50
343.05 5.23 / 13 cc. E.C.

341.07 7.21 / 100
341.77 6.56 / 50
342.68 5.70 / 13
342.70 5.58 / 10
342.59 5.69
342.91 5.37 / 9 8 C.
343.31 4.97 / 9 8 cc

343.31 4.97 / 13 cc. E.C.
343.81 4.47 / 50
344.54 3.74 / 100

341.10 7.18 / 100
341.79 6.49 / 50
342.50 5.78 / 10
342.53 5.75
342.75 5.53 / 10
342.77 5.51 / 13
343.24 5.04 / 50
343.88 4.40 / 100

348.28

1+72	19³ Rt. = N.W. Cor. Conc. Block Bldg.			
1+52	7^E Rt. = (W)			
1+51.7	19³ Rt. = S.W. Cor. Conc. Block Bldg. Conc. Floor			
2×2 1+25^Lo	S.S.	3.43	347.32	
1+25				
0+98	9⁴ Lt. = Power + Tel. Cable pole (Number gone)			
0+95	8^E Rt. = Ctr. (W)			
0+91				
T.P.	3.20	350.75	0.73	347.55
0+70				
0+44.5	10 Lt. = N.E. Cor. Store Bldg.			
		348.28		

346.70
4.55
19³
Floor

340.8	341.7	346.4	347.5	347.4	347.3	347.7
10.0	9.1	4.4	3.3	3.4	3.5	3.6
50	18	10	8		10	30

341.0	342.5	348.0	347.7	347.9		348.1
9.8	8.3	2.8	3.1	2.9		2.7
50	18	10		10		50

341.1	342.5	347.9	347.7	348.5	348.5	344.7	341.7
9.7	8.3	2.9	3.1	2.3	2.3	6.6	6.1
50	18	10		10	13	17	50

350.75

341.7	342.9	346.5	347.6	347.6	348.0	348.0	343.9	344.4
6.6	5.4	1.8	0.7	0.7	0.3	0.3	4.4	3.9
50	16	10	9		10	12	15	50

342.5	343.4	344.1	344.1	344.2	
5.8	4.9	4.2	4.2	4.1	
50	10		10	50	

348.28

Alley Blk 21

INDEXED

T.P.	8.39	334.39	13.00	326.00
3+00				
2+62	7^{8} Lt. = (W)			
	19^{6} Lt. = ℄ 12' wide House			
2+59	13^{7} Lt. = ℄ 12' wide Porch			
		west Front.		
2+33	14^{8} Lt. = ℄ 11' wide garage. Conc. floor.			
T.P.	0.70	339.00	12.45	338.30
2+30	20^{5} Rt. = N.W. Cor frame house			
2+22	9^{2} Rt. = (W)			
2+04	20^{5} Rt. = S.W. Cor frame house			
2+01	9^{4} Lt. = Pole # JPA 4029			
1+82				
1+77				
		350.75		

℄

25

329.00
10.0 / 50 — 326.6 12.4 / 10 — 326.4 12.8 — 325.8 13.2 / 10 — 323.4 15.6 / 50

338.8 3.2 / 19^{5} House Floor — 335.7 3.3 / 13^{7} Porch — 333.0 6.0 / 13^{5} — 332.8 6.2 / 10 — 332.4 6.6 — 332.1 6.9 / 10 — 330.6 8.4 / 50

337.90 1.10 / 14^{8} Floor — 337.3 1.7 / 14^{2} — 337.3 1.7 / 10 — 336.9 2.1 — 337.0 2.0 / 10

339.00

339.9 10.9 / 30 — 339.0 11.8 / 10 — 338.6 12.2 — 338.6 12.2 / 10 — 339.4 11.6 / 20 — 342.6 8.2 / 20.5 Floor level house

347.8 8.0 / 50 — 343.4 7.6 / 10 — 343.4 7.4 — 343.4 7.6 / 10 — 343.0 7.8 / 20

340.6 10.2 / 50 — 341.4 9.4 / 20 — 344.1 6.7 / 15 — 343.7 7.1 / 10 — 343.7 7.1 — 343.6 7.2 / 10 — 343.5 7.3 / 18

350.75

	Alley Blk 21			
T.P.	11.49	344.40	1.48	332.91
4+00				
3+73	12" C.I. water line. Rt. = End exposed portion of			
3+60				
3+53				
3+47				
3+28				
	of 12" C.I. Water line			
3+17	3° Rt. = start exposed portion			
3+02	9½ Lt. = Pole J.P.A. 4045			
	334.39			

4

		338.2 +3.8 50	338.1 +3.7 10	333.4 1.0	329.0 5.4 70	327.9 6.5 50	
325.6 8.8 60	321.8 12.6 51	325.5 8.9 40	325.4 9.0 10	324.9 9.5	325.0 9.4 3 top pipe	324.8 9.6 10	324.7 9.7 25
324.8 9.6 60	321.4 13.0 50	321.1 13.3 20	323.3 11.1 70	322.8 11.6	322.4 12.0 10	321.3 13.1 40	
324.8 9.6 30	320.6 13.8 20	320.4 14.0 10	319.5 14.9	319.6 14.8 10	318.5 15.9 50		
	323 11.4 50	322.2 12.2 10	321.9 12.5	321.1 13.3 70	320.7 13.7 50		
		322.9 11.5 10	322.1 12.3	321.4 13.0 70			
326.0 8.4 50	325.4 9.0 10	325.2 9.2	324.7 9.7 3 Top of Pipe	324.5 9.9 70	323.4 11.0 50		
		334.39					

Alley Blk 21

INDEXED

5+00 Cont.

5+00 — 10° Rt = start lath house
9° Lt. = End 6" wide Conc. wall

T.P. 9.37 353.30 0.47 343.93

4+90 — 13° Rt. = ℄ Sing Gar. dirt floor

4+77 — 10° Rt = End old lath fence

4+75 — & 78 Lt. = 9° Rt. = } (W)

4+50

9 Lt = Start wire fence on wall
also 9° Lt. = ℄ 6" wide E. + W. Conc. wall
9° Lt. = start 6" wide Conc. wall.

4+49 — 9° Rt. = start lath fence (poor Cond.)

4+48 — 9° Lt. = Pole # is gone

4+30

4+10 — 6° Rt. = ctr. (W)

344.40

℄

37

345.3 / 8.0 / 20

344.6 / 8.7 / 10 / Grd

344.60 / 8.70 / 9 / top wall

343.7 / 9.6 / 9 / Base wall

344.3 / 9.0 / 9 / Grd

344.0 / 9.3

353.30

344.1 / 9.2 / 10

343.5 / 9.8 / 40

342.3 / 2.1 / 13 / Grd.

338.6 / 5.8 / 50

338.9 / 5.5 / 10

339.0 / 5.4

338.7 / 5.7 / 10

338.0 / 6.4 / 50

339.4 / 5.0 / 9 / top wall

338.7 / 5.7 / 9 / Base wall

338.8 / 5.6 / 9 / Grd

339.9 / 4.5 / 40

339.9 / 4.5 / 10

340.√ / 4.2

340.0 / 4.4 / 4

336.0 / 8.4 / 10

333.4 / 10.6 / 17

332.9 / 11.5 / 50

344.40

Alley Blk 21

INDEXED

6+29 17 = ℄ Polk

6+00 10' Rt. = End picket fence

5+99 17 = S. Line Polk also 8 5 Rt. = (W)

5+95 5 10 7 Lt. = end picket fence.

5+50 7 Cont. 10 5 Lt. = line of picket Fence.

also 10' Rt. = start picket fence.

5+50 7 9 6 Lt. = Pole # J.P.A. 4085

9 4 Rt. = End 1 2 wide rock + conc. wall

5+29 6 9 4 Rt. = start 1 2 conc. wall wide Rock +

5+29 5 10 5 Rt. = End Frame shed

5+28 8 Rt. = (VI)

5+25

10 1 Lt. = start picket fence

5+23 9 1 Lt. = End wire fence

10 7 Rt. = start frame shed

5+08 10 5 Rt. = End lath house

353.30

℄

348.0 5.3 / 100 — 350.1 3.2 / 75 — 349.8 3.5 / 50 — 348.4 4.9 — 346.8 6.5 / 50 — 344.8 8.5 / 100

348.9 4.4 / 100 — 350.7 2.6 / 80 — 350.5 2.8 / 50 — 349.0 4.3 / 10 — 348.5 4.8 — 348.7 5.1 / 10 — 346.5 6.8 / 50 — 345.3 8.0 / 100

346.3 7.9 / 10 Grd — 345.5 7.8 / 20

348.1 5.2 / 20 — 347.7 5.6 / 10 — 347.4 5.9 — 346.8 6.5 / 9 4 Grd — 346.7 7.1 / 9.4 Base — 346.7 6.6 / 9.4 top wall

346.1 7.2 / 9 Grd — 345.4 7.9 / 9 4 Base wall — 346.1 7.2 / 9 4 top wall — 345.6 7.7 / 10 5 Grd — 345.4 7.9 / 15

346.8 6.5 / 10 — 346.4 6.9 — 346.0 7.3 / 10

353.30

Levels Blk. 32 (Alley) Fairmount Add. to City Hgts.

Sketch - Page 31. Rt.

INDEXED

0+51 10' Lt. = ℄ 2' wide slab for trash can.

0+49 9^{5} Lt. = Pole # J.P.A.# 4111, (N.W. Cor.) + start wire fence

0+48 10^{0} Rt. = End Frame Gar. south front.

12^{3} Lt. = End. Gar. south front.

0+47 9^{8} Lt. = End Conc. slab.

12^{2} Lt. = Face Bldg.

(Ramp, not used now)

0+35 9^{8} Lt. = start Conc. slab. (old Gar.

T.P.	4.12	352.66	4.76	348.54

0+31 12' Lt. = End picket fence.

12^{2} Lt = S.E. cor. Gar. Conc. Floor. So Front.

0+29 9^{9} Lt. = Δ in fence.

25^{2} Rt. = S.E. Cor Gar.

0+28 9^{2} Rt. = S.W. Cor. Gar. So. Front.

0+01 10^{3} Lt. = start picket fence

0+00 = N. line Polk

353.30

349.17 / 3.49 / 13.3 w. Edge

348.74 / 3.92 / 10 E. Edge

349.35 / 3.31 / 12^{3} at Bldg

348.92 / 3.74 / 9^{8}

349.36 / 3.30 / 12.3

349.00 / 3.66 / 9^{8}

352.66

349.46 / 3.84 / 18 ℄ door

349.3	348.8	348.4	348.3	348.15	348.15	
4.0	4.5	4.9	5.0	5.15	5.15	
10	8		9 Gd.	9^{2} Floor	25.7	

351.2	350.6	349.5	348.9	348.5	348.3	346.9	346.4
2.1	2.7	3.8	4.4	4.8	5.0	6.4	6.9
80	50	10	7		10	50	100

Alley Blk 32

INDEXED

1+00 Cont.

10³ Lt.: start wood slat + board fence
wide Conc. E.+W. walk.
10⁵ Lt.: End 1'wide Conc. wall also = ℄ 4"

1+00 9.4 Rt.: line wire Fence

also: ℄ 6" wide E.+W. Conc. wall.

0+68⁴ 9³ Lt.: start 12" wide Conc. wall.

0+67 8³ Lt.: Ⓦ in walk.

0+66² 7³ Lt.: ℄ 4⁴ wide Conc. walk.

0+63⁷⁵ 10° Lt.: ℄ 6" wide E.+W. Conc. wall.

0+63⁵ 13² Lt.: End Sing. Gar
11° Lt.: End Conc. Apron.

0+52 11° Lt.: start Conc. Apron to Gar. Sing

352.66

℄

349.48
3.18
10.5
Top wall

347.7 347.8 347.8 347.2 346.9 346.8 346.9
5.0 4.9 4.9 5.5 5.8 5.9 5.8
10⁵ 10⁵ 10 6 10 20
Base wall

349.54 347.8 348.6
3.12 4.9 4.1
9.9 9.9 9.8
Top wall Base wall Grd.

348.72 348.59
3.94 4.07
10 7³
walk walk

349.58 348.6 348.6
3.08 4.1 4.1
10 10 10
Top wall Base wall Grd

349.07 348.73
3.59 3.93
13.3 11
Gar Floor Apron

349.14 348.74 348.7 348.6 348.4 347.7 347.5
3.52 3.92 4.0 4.1 4.3 5.0 5.2
13.3 11 10 10 12 20
Floor Apron

352.66

Alley. Blk. 32

T.P. Nail Pole # P.A. 4141 — 0.66 — 345.84 — 3.57 — 345.18

1+95 — 11° Lt. = End wire fence.

11° = start wire fence

1+88 — 9½ Lt. = Pole # P.A. 4141

1+87 — 11¾ Lt. = End board + wire fence

1+68 — 8⁶ Rt. = (W)

9⁸ Rt. = End Conc. Apron to Sing. Gar.

1+64 — 9⁵ Rt. = start lath fence.

1+62 — 9² Lt. = (W)

1+54 — 9⁸ Rt. = start. Conc apron to Sing. Gar.

1+50 — 11⁵ Lt. = start board + wire fence.

T.P — 3.38 — 348.75 — 7.29 — 345.37

also = 11¾ Lt. = ℄ 5" wide E+W conc. wall.

1+49⅝ — 9⁹ Rt. = End board Gar.

1+45 = ℄ Sing gar. door. (dirt floor) 9½ Rt.

1+37 — 9² Rt. = start board garage

1+32 — 11° Rt. = End wire fence.

1+25 — 9½ Rt. = ℄ in wire fence.

1+20 — 8² Rt. = (W)

352.66

℄

344.75 — 4.00 — 9.8 Apron

344.94 — 3.81 — 14.7 Gar. Floor.

344.76 — 3.99 — 9⅝ Apron.

344.91 — 3.84 — 14.7 Gar Floor

346.2 — 2.6 — 20

346.0 — 2.8 — 10

345.7 — 3.1 — 6

345.4 — 3.4

348.75

345.7 — 3.6 — 10

344.9 — 3.9 — 15

347.49 — 5.17 — 6.7 Top wall

346.0 — 6.7 — 11.2 Base wall

346.3 — 6.4 — 11¾ Grd

345.4 — 7.3 — 9.4 ℄ doorway

352.66

INDEXED

Alley Blk 32

2+74 7.7 Lt. = Ctr. of 2 (W)s

10.2 Rt. = End picket fence

2+71.5 10.2 Lt. = End Conc. Apron to Sing Gar.

2+63.5 10.8 Lt. = start conc. Apron to Sing Gar

2+57.5 8.2 Rt. = Ctr. (W)

2+50 10.5 Rt. = start picket fence

2+46 9.2 Rt. = End shed

2+41 9.2 Rt. = ℄ shed. (do not consider for grade.)

2+36 9.5 Rt. = start Ex. Gar. Now shed dirt floor

2+25 11.5 Lt. = End 18" wide hedge.

2+19 = start 18" wide hedge - 11.5 Lt.

9.2 Rt. = Ctr. (W)

2+18 10.5 Lt. = End Conc. Apron to double Gar.

2+07 9' Lt. = Ctr. (W)

2+00

1+99 9.5 Rt. = End lath fence

double Gar.

1+97 10' Lt. = Start conc. Apron to

345.84

℄

42

340.77 / 5.07 / 12.7 Gar

340.49 / 5.35 / 10.2 Apron

340.4 / 5.4 / 10

340.√ / 5.6

339.7 / 6.1 / 10

339.0 / 6.8 / 20

340.73 / 5.11 / 12.7 Gar.

340.54 / 5.30 / 10.8 Apron

3.6 / 20

341.5 / 4.3 / 10

340.6 / 5.2

340.3 / 5.15 / 9.2

339.4 / 6.4 / 10 Dirt floor in shed

344.68 / 1.16 / 18 Floor Gar.

343.35 / 2.49 / 10.2 Apron

342.9 / 2.9 / 10 Grd

341.9 / 3.9

341.7 / 4.1 / 8

340.8 / 5.0 / 10

340.5 / 5.3 / 12

344.√ / 1.6 / 10

343.5 / 2.3

343.√ / 2.6 / 9

342.5 / 3.3 / 10

341.3 / 4.5 / 12

341.√ / 4.6 / 25

344.68 / 1.16 / 18 Gar. floor

344.44 / 1.40 / 10 Apron

345.84

Alley Blk 32

INDEXED

T.P.	6.96	347.01	5.79	340.05

3+83 10' Rt. = End lath + board fence.

3+81 9.6 Rt. = ctr. (W)

3+74 8.6 Lt. = Ctr. (W)

3+61.5 10' Lt. = ℄ 4' wide conc. walk.

3+58 8.6 Rt. = Ctr. (W)

11.1 Rt. = Start lath + board fence.

3+27 10.8 Rt. = End slat fence

11' Rt. = End lath house

3+24 10' Lt. = End 6" wide Conc. wall

3+23 9.2 Lt. = Pole # JPA4161

3+14 9' Rt. = Ctr. (W)

Start 6" wide Conc. wall.

Also = ℄ 6" wide E. + W. Conc. wall and

3+00 9.3 Lt. = Start board + wire fence.

2+95.5 10.2 Lt. = End Conc. Apron to Sing. Gar.

2+87.5 10.7 Lt. = Start conc Apron to Sing. Gar.

11.2 Rt. = Start lath house

2+82.5 10.2 Rt. = Start slat fence.

345.84

℄

43

340.22 / 5.62 / 10.1 walk

340.1 / 5.7 / 20

340.1 / 5.7 / 10

340.0 / 5.8

339.9 / 5.9 / 10

339.8 / 6.0 / 20

339.9 / 5.9 / 20

339.5 / 6.3 / 10

339.5 / 6.3

339.4 / 6.4 / 10

338.8 / 7.0 / 20

339.71 / 6.13 / 10.1 Top wall

339.1 / 6.7 / 10 Base wall

339.6 / 6.2 / 10 Grd

340.1 / 5.7 / 20

339.6 / 6.2 / 10.5 Grd

339.91 / 5.93 / 10 Top wall

339.1 / 6.7 / 9.9 Base wall

339.6 / 6.2 / 7.9 Grd.

339.9 / 5.9

339.5 / 6.3 / 10

338.9 / 6.9 / 20

340.46 / 5.98 / 12.6 Gar

340.08 / 5.76 / 10.7 Apron

340.45 / 5.39 / 12.6 Gar

340.18 / 5.66 / 10.7 Apron

345.84

Alley Blk 32

INDEXED

4+86 $10^{\frac{3}{}}$ Rt. = Jog in Bldg. 13° Rt. = Jog in Bldg.

4+77.5 $10^{\frac{2}{}}$ Rt. = start frame house

10° Lt. = start board fence

4+75.5 $9^{\frac{6}{}}$ Lt. = Pole # P.A. 41.81

$19^{\frac{2}{}}$ Lt. = End Garages.

4+72 $14^{\frac{2}{}}$ Lt. = End Conc. Apron to 4 car Gar.

$19^{\frac{8}{}}$ Lt. = ℄ Garages (Gar. Floors on same level)

4+55 $14^{\frac{2}{}}$ Lt. = Apron.

4+41.5 $8^{\frac{8}{}}$ Rt. = Ctr. (W)

4+37 $14^{\frac{8}{}}$ Lt. = start Apron to 4 Car Gar.

4+30.5 $16^{\frac{4}{}}$ = ℄ 2' wide walk

4+29 $10^{\frac{2}{}}$ Lt. = End wire fence

4+25 $10^{\frac{2}{}}$ Rt. = End board fence

4+13 $10^{\frac{2}{}}$ Rt. = Start board fence

4+07 $16^{\frac{2}{}}$ Rt. = End doors to double Gar.

3+92 $16^{\frac{2}{}}$ Rt. = start doors to double Gar.

347.01

℄

342.41	342.27	342.8	343.0	343.6	345.2
4.60	4.74	4.2	4.0	3.4	1.8
19.9	14.9	10		10	20
Floor	Apron				

342.40	342.21	342.2	342.3	342.8	344.0
4.61	4.80	4.8	4.7	4.2	3.0
19.8	14.9	10		10	14
Floor	Apron				

342.12
4.89
$14^{\frac{2}{}}$

341.94	341.7	341.4	341.3	341.6	342.7	344.0
5.07	5.3	5.6	5.7	5.4	4.3	3.0
$16.^{\frac{8}{}}$	$16^{\frac{2}{}}$	10		10	14	20
walk						

340.91
6.10
$16^{\frac{2}{}}$
Floor

341.0	340.5	340.3	340.6	340.8	340.91
6.0	6.5	6.7	6.4	6.2	6.10
25	10		10	16	$16^{\frac{2}{}}$
					Floor

347.01

Alley Blk 32

INDEXED

15² = Cor. Bldg. +Apt.
5+32 10' Lt. = Start Apron to 4 car Gar.

5+28⅝ 10' Lt. = End Frame Bldg.

5+20⅝ 9⁹ Rt. = Start Conc. Block wall + Hot house. End Frame Bldg.

5+17 9⁹ Lt. = ℄ 9' door to Bldg. Wood Floor.
5+13⅝ 9⁹ Lt. = Start Frame Bldg.

5+12 9⁷ Lt. = ℄ 3' walk.
9⁸ Rt. = Jog in Bldg.
5+10 13' Rt. = Jog in Bldg.

T. P.	5.92	349.51	3.42	343.59

4+89 10² Rt. = ℄ Conc. slab porch.

347.01

345.06 / 4.45 / 15⁷ / At Bldg
344.54 / 4.97 / 10 / Apron

344.5 / 5.0 / 10 / At Bldg
344.3 / 5.2
344.3 / 5.2 / 5
344.8 / 4.7 / 9⁹ / At wall

344.5 / 5.0 / 9⁹ / Grd.
344.1 / 5.4 / 9⁹ / Base wall
347.3 / 2.2 / 9⁹ / top wall

344.01 / 5.50 / 9⁹ / wood floor

343.71 / 5.80 / 9⁷ / walk
343.7 / 5.8 / 9⁶
343.8 / 5.7 / 6
344.0 / 5.5
344.1 / 5.4 / 5
344.5 / 5.0 / 9⁷ / At Bldg.

349.51

343.1 / 3.9 / 20
343.5 / 3.5 / 10
343.5 / 3.5
344.2 / 2.8 / 10
344.77 / 2.24 / 10² / Conc.
344.81 / 2.20 / 13 / At House
344.9 / 2.1 / 13.1 / Floor level

347.01

Alley Blk 32

INDEXED

5+74 $7^{\underline{5}}$ Rt. = Ctr. Cluster of 3 (W)

5+68 $15^{\underline{7}}$ Lt. = ℄ opening to 2 car stall
17.4 car. Gar.

5+60

5+51 $9^{\underline{7}}$ Rt. = start wire fence
$15^{\underline{7}}$ Lt. = ℄ 2nd Gar. door.

5+49.5 $9^{\underline{7}}$ Rt. = ℄ 3' wide Conc. walk.

5+48 $9^{\underline{7}}$ Rt. = End Conc. Block wall

5+40 $15^{\underline{7}}$ Lt. = ℄ 1st Gar door

349.51

℄

345.08 / 4.43 / 15.7 Floor

344.89 / 4.62 / 10 Apron

344.79 / 4.72 / 10 Grd + Apron

344.7 / 4.8

344.7 / 4.8 / 5

345.✓ / 4.3 / 9 7

345.08 / 4.43 / 15.7 Floor

344.71 / 4.80 / 10 Apron

344.66 / 4.85 / 9 7 walk

344.7 / 4.8 / 9 7 Grd

344.3 / 5.2 / 9 7 Base wall

347.✓ / 2.3 / 9 7 top wall

345.09 / 4.42 / 15.7 Floor

344.65 / 4.86 / 10 Apron

349.51

Alley Blk 32

INDEXED

See page 79 For chck levels

N.W. B.P. Euclid + Orange			4.14	+ 0.05 350.74	(350.69)
T.P.	8,12	354.88	2.75	346.76	

6+17½ ℄ Orange

4+92

4+91

4+81 I 10' Lt. = End Conc. Apron. + walk.

9 S = ℄ 6" E.+W. Conc. wall.
9 I Rt. = End wire fence.
4 car Gar. + Apt.

5+77½ = S. Line Orange - 15 I Lt. = End

349.51

℄

348.1 / 1.4 / 100
346.5 / 3.0 / 50
345.7 / 4.3
344.3 / 5.2 / 50
343.4 / 6.1 / 100

345.1 / 4.4 / 50
344.3 / 5.2 / 10
344.3 / 5.2
344.0 / 5.5 / 10
343.5 / 6.0 / 50

346.3 / 3.2 / 50
345.0 / 4.5 / 12
344.4 / 5.1 / 10
344.3 / 5.2
344.1 / 5.4 / 5
344.5 / 5.0 / 10
344.3 / 5.2 / 50

345.86 / 3.65 / 40.5 End walk
345.01 / 4.50 / 10 End Apron
344.8 / 4.7 / 10
344.3 / 5.2
344.6 / 4.9 / 10

345.21 / 4.30 / 15.7 At Bldg
345.01 / 4.50 / 10 Apron
344.9 / 4.6 / 10
344.4 / 5.1
344.6 / 4.9 / 9 I
344.3 / 5.2 / 9 I Base wall
345.7 / 3.8 / 9 I Top wall

349.51

Levels Alley Blk 22 (Sketch P. 30 Lt.)

6-11-48

INDEXED

Sommermeyer
McCoy
& Moore.

0 + 00 | Ground.

0 + 00 | (10' Rt. = End Ch. 10' Lt. = End Ch.) Curbs
Nly line Univ. : = End pave. +

0 - 12 | 10' Rt. } = Alley return E.C.
10 Lt }

0 - 15 : Nly. Ch. line Univ

0 - 15' : Nly. Gutter line Univ.

Set B.M. E. End 3' Rad. Alley Curb. Ret.	13' Rt. 0-15 =		6.17	339.22
T.P.	3.77	345.39	7.06	341.62
N.W.B.P. University & Euclid	8.00	348.68	—	340.68

B.M. #2

℄

48

341.7 — 3.7/10 — 340.3 — 5.1 — 340.0 — 5.4/10

341.30 — 4.09/10 cl — 340.44 — 4.95/10 pave. — 339.69 — 5.70 — 339.53 — 5.86/10 pave — 339.70 — 5.69/10 cl

341.05 — 4.34/10 ch. E.C. — 340.25 — 5.14/10 pav. — 339.49 — 5.90 — 338.97 — 6.47/18.2 pav. — 339.44 — 5.95/18.2 ch. E.C.

345.01 — 0.37/70 — 342.96 — 2.43/35 — 341.77 — 4.12/13 ch. BC. — 339.74 — 6.15/13 ch. BC — 337.45 — 7.94/35 — 334.68 — 10.71/70

344.24 — 1.15/70 — 342.28 — 3.11/35 — 340.60 — 4.79/13 — 340.31 — 5.08/10 — 339.47 — 5.92 — 338.71 — 6.68/70 — 338.53 — 6.86/13 — 336.83 — 8.56/35 — 334.00 — 11.39/70

345.39

Alley Blk. 22

INDEXED

0+95

0+70

0+47 11° Lt. = Twin trunk pepper tree, 8" trunks.

Back end on blocks.

0+43 11$\frac{7}{}$ Lt. = End. House.

0+38$\frac{5}{}$ 10$\frac{6}{}$ Lt. = Gas Meter.

continues.

0+37 11$\frac{7}{}$ Lt. = End Foundation, House

0+24$\frac{5}{}$ 9° Lt. = Pole "PA.4007

1$\frac{5}{}$ brick chimney

0+23 9$\frac{35}{}$ Lt. = ℄ 2$\frac{4}{}$' x 2$\frac{3}{}$' conc. base for 1$\frac{5}{}$' x 1$\frac{5}{}$' Brick Chimney

Conc. Foundation [Very poor]

0+10 11$\frac{4}{}$ Lt. = S.E. Cor. Frame house.

0+06 9° Lt. = deadman

0

345.39

℄

9

341.7	340.8	340.5	339.7	335.9	334.5
3.7	4.6	4.9	5.7	9.5	10.9
30	10		10	18	40

343.8	342.7	342.1	342.0	340.0	337.1	335.0
1.6	2.7	3.3	3.4	5.4	8.3	10.4
30	10		6	10	15	40

343.7	343.9	344.0	344.0	343.9	341.0	338.5	337.3
1.7	1.5	1.4	1.4	1.5	4.4	6.9	8.1
11.7	11.6	10		6	10	14	30

Base of foundation

344.1	344.99	344.7	343.9	343.7	341.0	339.0	336.6
1.3	0.40	0.7	1.5	1.7	4.1	6.4	8.8
9.35	9.35	9.12		8	10	15	40

Base Slab. Top Slab

344.3
1.1
11.4
Base foundation

345.4	344.8	344.5	344.1	339.9	336.9
0.0	0.6	0.9	1.3	5.5	8.5
20	10		6	10	40

345.39

Alley Blk 22

INDEXED

2+25

T.P.	0.69	328.17	12.93	327.48

1+95 — 15 Lt.: N.E. Cor. frame house

1+70 — 13' Lt.: ℄ porch.

1+68 — 9' Lt. = (W) concrete foundation

1+54 — 15 Lt. = S.E. Cor. frame house

1+50 — 9 Lt.: Pole # P.A. 4025

1+40

1+26 — 9 Lt.: = (W)

T.P. 2x2 P.ot. ℄ 1+01 — 0.48 | 340.41 | 5.46 | 339.93 | BM#3

1+24 — 8 Rt. = (W)

0+99

345.39

℄

324.7	323.6	323.1	322.6	316.9
3.5	4.6	5.1	5.6	11.3
20	10	329.17	10	50

332.3	332.1	330.1	329.7	325.5
8.1	8.3	10.3	10.7	14.9
15	10		10	50
At house				

337.4	337.2	333.6
3.0	3.2	6.8
15	13	13
House floor	Porch	Grd.

335.4	334.7	335.1	333.8	332.1
5.0	5.7	5.3	6.6	8.3
15	10		10	50
At house				

338.3	338.0	337.3	336.7	335.2	333.2
2.1	2.4	3.1	3.7	5.2	7.2
20	12	10		10	50

340.41

341.0	340.4	340.2	339.4	333.5
4.4	5.0	5.2	6.0	8.9
30	10		10	40

345.39

Alley Blk 22

INDEXED

3+00

2+88

2+83 Rim of M.H.

2+68

2+66 11' Lt. = Pole # A. 4041

T.P. 4.80 320.06 12.91 315.26

2+51 9 ± Lt. = (W)
also = ℄ E, +w. wire fence

2+48 11± Lt. = start wire fence

2+47

2+42

328.17

℄

311.4	311.9	312.1	311.7	311.9	
8.7	8.2	8.0	8.4	8.2	
25	10		10	25	
312.8	309.5	309.1	308.9	309.8	307.4
7.3	10.16	11.0	11.2	10.3	12.9
50	25	10		10	50

310.6
9.5

317.9	317.0	309.6	309.6	308.9	306.8
7.2	8.1	10.5	10.5	11.2	13.3
25	11	10		10	50

320.06

315.3	314.8	316.5	315.5	312.7	
12.9	13.4	11.7	12.7	15.5	
50	10		10	25	
321.2	319.9	318.4	318.1	317.8	316.8
7.0	8.3	9.8	10.1	10.4	11.4
50	45	10		10	25

328.17

4+00	14' Lt = N.E. Cor. 9' wide Gar.			
3+90	11 A Lt. = End 4" wide Conc. wall			
3+95 E	Lt. = N.E. Cor. 13' N. & S. Bldg Frame			
3+83 E	Man Hole			
3+78	9 Lt. = (W)			
3+76	11 Lt. = Pole # A 4967			
3+69	12 E Lt = E 6' wide Conc. walk			
3+48	Cont.			
3+48	11 = Lt. = start 4" wide conc. wall.			
T.P.	12.46	332.01	0.51	319.55
3+25				
		320.06		

326.0 — 6.0 / 12 / 60 Grd.

326.41 — 5.60 / 11.4 top wall

325.8 — 6.2 / 11.4 Base wall

326.1 — 5.9 / 11.4 Grd

326.1 — 5.9 / 8

325.9 — 6.1

326.0 — 6.0 / 10

326.2 — 5.8 / 20

325.55 — 6.46 / R.IRT

324.83 — 7.18 / 12.3 walk

323.2 — 8.8 / 40

323.75 — 8.26 / 11.2 top wall

323.3 — 8.7 / 11.2 Base wall

323.5 — 8.5 / 11.2 Grd.

322.8 — 9.2 / 10

321.9 — 10.1

321.8 — 10.2 / 10

321.2 — 10.8 / 25

332.01

317.6 — 2.5 / 25

317.5 — 2.6 / 10

317.6 — 2.5

317.7 — 2.4 / 10

317.4 — 2.7 / 25

320.06

Alley Blk. 22

INDEXED

5+72	9.5 Lt. = (W)			
5+49	11.2 Lt. = End Conc. block wall			
5+31	9.8 Lt. = (W)			
5+20	11.2 Lt. = Face Conc. block wall.			
5+99.7	Disk in 2x2 P.O.T.	5.61	335.41	BM. #2
4+99.5	11.2 Lt. = start Conc. Block wall			
4+75				
T.P.	9.39	341.05	0.35	331.66
4+30				
4+05				
		332.01		

344.7	339.4	339.9	339.6	337.5	337.1	336.3	334.2
+3.1	1.7	1.2	1.5	3.6	4.0	4.8	6.9
11.2	11.2	11	8	6		10	25
top wall	Bottom wall						

343.8	337.8	338.3	336.4	336.9	335.8	331.3
+2.7	3.3	2.8	2.9	4.2	5.3	9.8
11.2	11.2	11	10		10	50
Top wall	Base wall	Grd.				

341.3	336.3	336.3	336.3	335.5	334.6	333.1
+0.2	4.8	4.8	4.8	5.6	6.5	8.0
11.2	11.2	11	10		10	25
Top wall	Base wall	Grd.				

334.6	334.1	333.7	333.1	330.1
6.5	7.2	7.4	8.0	11.0
50	10	341.05	10	50

320.7	330.9	330.8	330.9	330.8
1.3	1.1	1.2	1.1	1.2
25	10		10	20

326.9	327.2	327.5
5.1	4.8	4.5
10		10

332.01

Alley Blk 22

INDEXED

T.P. Hub Page 63		5.06	+0.01 327.82	(327.83)
T.P. on Disk 2½ 6+06	0.89	332.88	9.06	331.99
6+19 ℄ Polk				
6+09				
5+99 = S. line Polk	12⁸ Lt. = pole	P4825		
5+75				
5+74	8⁶ Rt. = (W) 341.05			

℄

342.0 +0.9 85	338.3 2.8 50	332.7 8.4 10	331.6 9.5	330.4 10.7 10	326.1 15.0 50	323.2 17.9 100
341.8 +0.7 85	338.2 2.9 50	332.6 8.5 10	331.5 9.6	330.4 10.7 10	326.1 15.0 50	18.1 100
341.1 0.10 25	340.5 0.6 15	337.8 3.3 10	337.1 4.0 7	334.5 6.6 6	333.8 7.3	333.5 7.6 10	329.6 11.5 50
341.7 +0.6 25	340.6 0.5 10	337.0 4.1 6	336.6 4.5	336.1 5.0 10	330.6 10.5 50	

341.05

Alley Blk. 23. - Sketch. P. 30 Rt.

T.A	0.57	310.23	12.72	309.66
0+30				

INDEXED

9± Lt. = End cl. - 10± Rt. = End cl.
N. of N. line Univ.

0+00 Nly line Univ. Paving ends. 0±

0-06

N.E.B.P.
49th + Univ. S.S. 10.14 312.24

BM #4 (312.36)

alley cl. Returns have 3' Rad.

0-15 = Nly. Cl. line Univ.

0-15± = Nly gutter line Univ.

T.P.	7.96	322.38	13.25	314.42
T.P.	0.08	327.67	12.17	327.59
BM #2 P.48	0.54	339.76	-	339.22

Cl

318.6 313.8 308.1 311.7 312.4 312.5 313.6 312.9
3.8/65 8.6/53 14.3/20 10.7/14 10.2/10 9.9 8.8/10 9.5/40

319.6 315.95 315.55 314.59 314.20 314.36 312.8
2.8/50 6.41/98 cl. 6.83/98 Q. 7.79 8.18/10± G. 8.02/10± cl. 9.6/50

315.93 315.53 314.61 314.11 314.30
6.45/cl 6.85/gutter 7.77 8.27/gutter 8.08/cl

322.4 318.60 315.94 314.06 313.17 311.86 311.00
0.0/80 3.78/40 6.44 Cl. Rd. Ret 8.32 Cl. Rd. 9.21/26 10.52/70 11.38/100

321.64 317.94 315.33 314.42 313.64 312.52 311.42 310.33
0.74/80 4.44/40 7.05/10 7.96 8.74/10 9.86/26 11.16/70 12.05/100

322.38

Alley Blk. 23

1+52 13' Lt. = Pole # PA 4025

1+46 7½ Lt. = ℄ th. (W)

INDEXED

1+45

1+30 5' Lt. = ℄ Wash

1+25 = ℄ Wash

1+20 4' Rt. = ℄ Wash

1+00 22' Rt. = ℄ Wash

0+62 16' Rt. = (W)

0+58

℄
3 10.23

℄

299.8 299.6 299.8
10.4 10.6 10.4
10 10

300.5 299.9 297.6 299.7 299.4 302.4 303.4
9.7 10.3 12.6 10.5 11.0 7.8 7.0
35 10 5 10 10 30 40

300.0 299.8 297.4 299.5 299.5
10.2 10.4 13.0 10.7 10.7
10 4 5 10

299.6 299.9 297.9 297.5 299.8 299.7
10.6 10.3 12.3 12.7 10.4 10.5
10 1 7 10 20

303.7 299.0 298.8 298.5 298.9 296.6 298.6 302.4
6.5 11.2 11.4 4.7 11.3 13.6 11.6 8.0
35 10 10 20 22 28 40

306.4 302.0 300.4 299.4 298.8 303.4
3.3 8.2 10.0 10.8 11.4 6.8
30 10 10 25 45

3 10.23

Alley Blk 23

INDEXED

3+14 $10^{\frac{2}{}}$ Rt. = (W)

3+01 10^{3} Lt. = Pole # P.A. 4049

3+00

2+94 14^{4} Rt. = start. wire fence.

2+75 9^{6} Lt. = deadman

2+51 14^{9} Lt. = N.E. Cor. Shop. Bldg.

2+35 14^{9} Lt. = face carpenter shop.

T.P. 12.74 322.48 0.49 309.74

2+27 14^{9} Lt. = S.E. Cor. 20'x24' Frame Bldg. (Shop)

2+15

2+02 = Water Service (3/4" Copper). To Rt, goes

1+70 33' Lt. ℄ wash.

310.23

℄

57

313.1 / 9.4 / 25 — 314.9 / 7.6 / 10 — 315.8 / 6.7 — 316.6 / 5.7 / 8 — 317.8 / 4.7 / 10 — 318.4 / 4.1 / 12 — 309.5 ? / 20 / 40

305.5 / 17.0 / 35 — 310.5 / 12.0 / 15 — 310.9 / 11.6 / 10 — 311.8 / 10.7 — 312.9 / 9.6 / 10 — 315.1 / 7.4 / 11 — 316.5 / 6.0 / 25

305.9 / 16.6 / 15 Nat. Gr'd under shop — 309.9 / 12.6 / 14.9 Fill — ? 309.3 ? 314.3 / 3.2 — 310.1 / 12.4 / 10 — 310.1 / 12.4 / 10 — 316.8 / 5.7 / 30 — 317.3 / 5.2 / 40

322.48

300.5 / 9.7 / 50 — 300.8 / 9.4 / 22 — 303.2 / 7.0 / 10 — 306.1 / 4.1 / 5 — 306.6 / 3.6 — 308.5 / 1.7 / 10 — 315.2 / +5.0 / 50

300.5 / 9.7 / 36 — 299.1 / 11.1 / 33 — 300.4 / 9.8 / 30 — 301.0 / 9.2 / 10 — 303.5 / 6.7 — 303.8 / 6.4 / 10 — 304.0 / 6.2 / 21 — 315.2 / +5.0 / 38

310.23

Alley Blk 23

INDEXED

4+05	10.4 Rt = Start Conc. Apron to 4 car Gar.				
Nail Pole #A406					BM #5
T.P.	7.34	328.71	1.11	321.37	
4+01.5	10.1 Lt. = pole #A406				
4+00					
3+99	11.9 Rt. = End frame shed				
3+91	11.9 Rt. = End frame shed. End Wire fence. Start				
3+70	11.3 Rt. = End conc. wall.				
3+68	10.3 Rt. = (W)				
3+66.5	13.9 Lt. = End house				
	13.3 Lt. = Line of house.				
3+58	11.7 Lt. = End Conc. slab.				
3+46.5	14.5 Lt. = S.E. Cor. Frame house.				
	12.5 Rt. = Start wire fence.				
3+44.5	11.8 Rt. = Start Conc. wall				
3+44.2	12' Rt. = End wire fence.				
3+41	10.3 Lt. = (W)				
3+40	11.6 Lt. = Start Conc. slab at house				
		322.48			

℄

321.1 — 7.6 / 10

321.7 — 7.0

322.9 — 5.8 / 10

323.07 — 5.64 / 10.4 Apron

324.34 — 4.37 / 16.7 Gar. Floor

328.71

318.7 — 3.8 / 30

320.9 — 1.6 / 10

321.3 — 1.2

321.4 — 1.1 / 8

322.6 — +0.1 / 10

323.6 — +1.1 / 25

317.6 — 4.9 / 15

318.1 — 4.4 / 10

319.0 — 3.5 / 7

319.4 — 3.1

319.8 — 2.7 / 8

321.1 — 1.4 / 11 Grd

319.8 — 2.7 / 11.3 Base wall

321.8 — 0.7 / 11.3 top wall

322.V — 0.2 / 25 Grd.

317.08 — 5.40 / 13.9 Floor of house

317.05 — 5.43 / 11.7 Conc. slab

319.3 — 3.2 / 11.8 Grd

318.6 — 3.9 / 11.8 Base wall

321.50 — 0.98 / 11.8 top wall

315.7 — 6.8 / 17.1 Grd

316.53 — 5.95 / 11.9 Back of slab

316.68 — 5.80 / 11.6 Slab

316.8 — 5.7 / 10

317.8 — 4.7

318.1 — 4.4 / 6

318.7 — 3.8 / 10

319.5 — 3.0 / 12

320.V — 2.3 / 25

322.48

B.M.#5-P58

T.P.	7.64	329.01	7.34	321.37	

4+45 Σ = 10 ⅜ Rt = End Conc. Apron to 4 Car. Gar.

4+41 ♀ 16 ½ Rt ℄ 4th gar.

4+31 ¼ 16 ½ Rt = ℄ 3rd Gar.

4+27 Brk. in Apron grade

4+25 Σ : Brk in Apron grade

4+20 = ℄ 2nd Gar. - 16 ½ Rt

4+08 ♀ = ℄ 1st Gar. 16 ½ Rt.

328.71

320.9 / 7.8 / 50

322.6 / 6.1 / 70

323.7 / 5.5

324.50 / 4.21 / 10 ¾ / Apron + Grd.

324.49 / 3.79 / 16 Σ / At Gar.

324.28 / 4.43 / 10 ⅜ / Apron

324.89 / 3.82 / 16 Σ / Gar

323.91 / 4.80 / 10 ♀ / Apron

324.87 / 3.89 / 16 ¾ / Gar.

323.68 / 5.03 / 10 ♀ / Apron

324.84 / 3.87 / 16 ½ / At Gar.

323.55 / 5.16 / 10 ♀ / Apron

324.38 / 4.33 / 16 ½ / At Gar

323.37 / 5.34 / 10 ¼ / Apron

324.31 / 4.40 / 16 ½ / Gar.

323.11 / 5.60 / 10 ♀ / Apron

324.30 / 4.41 / 16 ½ / Gar Floor

328.71

Alley Blk. 23

INDEXED

on bottom of walls

5+18 10^{2} Rt. = change in grade

5+05 8^{8} Rt. = (W)

Also = start picket fence.

4+99 10^{3} Rt. = start 4" wide conc. wall

4+75

4+69 10^{6} Rt. = End Conc. Apron to double Gar.

4+67 9^{6} Rt. = (W)

to double Gar.

4+50.5 10^{6} Rt. = Start Conc. Apron

4+48 9^{7} Rt. = (W)

329.01

325.17 / 3.8A / 10^{2} / top wall

325.7 / 3.8 / 11 / Grd

326.0 / 3.0 / 30

324.4 / 6.6 / 50

324.1 / 4.9 / 10

324.5 / 4.5

324.8 / 4.2 / 10

324.7 / 4.3 / 10^{2} / Base to South

324.4 / 4.6 / 10^{2} / Base wall to North

324.8 / 4.2 / 10^{3} / Grd.

324.7 / 4.3 / 10^{3} / Base wall

325.1 / 3.9 / 10^{3} / top wall

319.5 / 9.5 / 40

322.5 / 6.5 / 25

323.6 / 5.4 / 10

324.2 / 4.8

324.5 / 4.5 / 8

325.0 / 4.0 / 10

326.7 / 2.8 / 20

324.66 / 4.35 / 10^{6} / Apron

325.35 / 3.66 / 16^{4} / Gar. Floor.

324.73 / 4.28 / 10^{6} / Apron

325.30 / 3.71 / 16^{4} / At Gar.

329.01

Alley Blk. 23

INDEXED

Conc. foundation

5+48 9' Rt. = End Frame Bldg. on

5+37 Cont

Also: End picket fence.
Conc. foundation
9' Rt. Also = start Frame Bldg. on

5+37 9' Rt. = End 4" wide conc. wall

5+35.5 8' Rt. = ℄ 3' wide Conc. walk

5+33 Cont

5+33
- 9' Rt. = Face Conc. wall.
- 9½' Rt. = End 2" drain thru. wall.
- 8' Rt. = ℄ 2' wide conc. spillway

329.01

℄

324.3	325.5	325.7	325.9	325.V
4.7	3.5	3.3	3.1	3.8
50	10		9'	9'
			Grd	Bottom Foundation

325.0
4.0
9'
Bottom of foundation

325.4	324.8	325.64
3.6	4.2	3.37
9'	9'	9'
Grd.	Base wall	top wall

325.14	325.57
3.87	3.44
8'	9'
walk	walk at wall

325.47	325.39
3.54	3.62
10	12
top wall	in drain

325.1	325.00	325.19
3.9	4.01	3.82
8'	8'	9'
Grd	l.p. spillway	invert 2" pipe

329.01

Alley Blk 23 INDEXED

5+94.5 11° Lt. = End. Gar. + House

5+90 9.8 Rt. = Jog. in house

10.9 Lt. = start Gar. + house, Front North

5+76 10.4 Rt. = start. Frame house

(see page 63)

Conc. walk.

5+71 9.9 Rt. = ℄ 2.8' wide Flag stone +

10° Rt. = start lath fence.

5+64 9.8 Rt. = End frame shed

5+61 9° Rt. = (VV)

5+53.5 = 9.8 Rt. = ℄ Gar. door.

dirt floor in Gar.

shed. (wood floor in shed.)

5+49 9.8 Rt = Start Frame Gar. +

329.01

℄ 62

328.0 / 1.0 / 10

328.0 / 1.0

328.2 / 0.8 / 9.8 At House

327.59 / 1.42 / 9.9 walk

326.3 / 2.7 / 10

326.6 / 2.4

325.6 / 2.3 / 6

327.3 / 1.7 / 7

327.4 / 1.6 / 9.8

327.0 / 2.0 / 9.8 Gar. floor

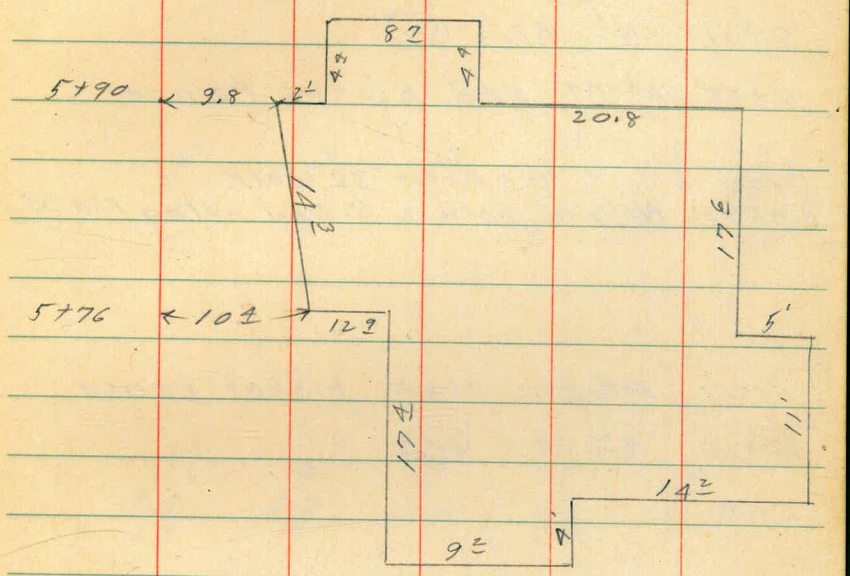
325.5 / 3.5 / 10

325.7 / 3.3

325.9 / 3.1 / 6

326.9 / 2.1 / 9.8

329.01



& H+b. 6+06.

T. P.	7.27	335.10 329.01	1.18	327.83

Alley Blk 23 + Blk 30

INDEXED

0+35

0+31 11' Rt. = (W)

0+08 10' Rt. = End picket fence

0+00 = See page 32 left.

6+39 = N. line Polk = S. End alley Blk 30

6+37 10' Rt. = start picket fence

6+36 9' Rt. = (W)

6+30

6+19 = ℄ Polk

6+03 9.6 Lt. = (W)

6+02 9.6 Lt. = (W)

Shot. on N. End of a N. & S. Aprom.
16' Lt. = ℄ 8' Conc. Gar. Aprom.

5+99 = S. line Polk

335.10

℄

331.6 3.5/10 | 332.2 2.9 | 332.3 2.8/10

328.6 6.5/50 | 329.6 5.5/10 | 329.6 5.5 | 329.8 5.3/7 | 330.7 4.4/10 | 331.5 3.6/50

326.7 8.4/50 | 328.4 6.7/10 | 328.7 6.4 | 329.- 5.9/10 | 330.0 5.1/50

325.1 10.0/100 | 326.8 8.3/50 | 328.6 6.5 | 330.0 5.1/50 | 331.8 3.3/100

326.8 8.3/50 | 328.08 7.02/16 | 328.1 7.0/10 | 328.3 6.8 | 328.5 6.6/10 | 330.0 5.1/50

335.10

Alley Blk 30

INDEXED

1+25

1+20 $10^{\underline{6}}$ Rt. = Start board fence

1+11 $14^{\underline{3}}$ Rt. = ℄ Sing Gar. Conc. Floor
No Apron.

$10^{\underline{8}}$ Rt. = End wire fence

1+00 9' Lt. = (W)

T.P. 9.74 344.62 0.22 334.88

0+80

0+76$^{\underline{5}}$ $9^{\underline{5}}$ Lt. = Pole "P.A. 4121

0+73 $10^{\underline{3}}$ Rt. = (W)

0+61 $8^{\underline{5}}$ Lt. = (W)

0+53 $11^{\underline{7}}$ Rt = start wire fence

0+52 = $11^{\underline{6}}$ = End Conc. Apron to Sing. Gar.

0+48 $13^{\underline{8}}$ Rt. ℄ Sing Gar. Conc. Floor

0+46 $11^{\underline{6}}$ Rt. = Start conc. Apron to Sing. Gar..

335.10

℄

337.1 / 7.4 / 10

337.3 / 7.3

337.6 / 7.0 / 5

337.6 / 7.0 / 10

337.52 / 7.10 / 143 / Floor

344.62

334.7 / 0.4 / 10

334.6 / 0.5

334.8 / 0.2 / 10

333.35 / 1.75 / $11^{\underline{5}}$ / Apron

333.19 / 1.91 / $11^{\underline{5}}$ / Apron

333.51 / 1.59 / $13^{\underline{8}}$ / Gar Floor

333.01 / 2.09 / $11^{\underline{5}}$ / Apron

335.10

Alley Blk 30

INDEXED

66

10° Lt. = ℄ start 4' wide hedge

1+77 10 Lt. = Pole # P.A. A1A1

10° Lt. = ℄ 5" wide E.t.w. Conc. wall

1+76 10° Lt. = End wire fence

1+75 9℄ Rt. = start Conc. wall.

1+74 8℄ Rt. = (W)

No Apron

1+67 12° Rt. = ℄ Strg Gar. Conc. floor

1+58 Rt. = End wire fence

1+54 10 Rt. = End rock + Conc. wall

1+53 8℄ Lt. = (W)

1+52 9℄ Lt. = start wire fence

rock

9℄ Rt. = Face Cobble + Conc. wall.

1+38 10℄ Rt. = End board fence + start {Fence wire

1+35 12⊥ Lt. = ℄ Strg Gar. dirt floor

344.62

339.6 / 5.0 / 20

339.7 / 4.9 / 11 / Grd

340.59 / 4.03 / 10 / Top wall

339.5 / 5.1 / 10 / Base wall

340.4 / 4.2 / 10 / Grd

340.9 / 3.7 / 99 / Grd

340.5 / 4.1 / 99 / Base wall

341.8 ✓ / 2.80 / 99 / top wall

339.3 / 5.3 / 20

339.4 / 5.2 / 11

340.0 / 4.6 / 10

340.0 / 4.6

340.4 / 4.4 / 10

340.3 / 4.3 / 12 / Grd

340.58 / 4.04 / 12 / Floor

339. ✓ / 5.4 / 10 / Grd

338.8 / 5.8 / 10 / Base wall

339.8 / 4.8 / 10 / top wall

338.5 / 6.1 / 99 / Grd

338.0 / 6.6 / 99 / Base wall

339.4 ✓ / 5.4 / 99 / top wall

337.7 / 6.9 / 12⊥ / Floor

344.62

Alley Blk 30

INDEXED

2+49	8² Lt. = (W)
2+41	7² Lt. = 4" diam. pepper tree
2+31	9⁴ Lt. = ℄ Gar. doors dirt floor
	House.
	Also = start Frame Bldg. Gar. shed. +
2+27	9⁴ Lt. = End lath + wire fence
2+26	10² Rt. = start 4" wide Conc. wall.
2+25	10² Rt. = start lath fence.
2+21	8² Lt. = (W)
2+20	9² Lt = start lath + wire fence
2+15	17² Lt. = ℄ Sing Gar. Conc. floor.
T.P.	7.09 349.59 2.12 342.50
2+05	10' Lt. = End 4' wide hedge
1+99	10¹ Rt. = End Conc. wall.
1+96	8⁵ Rt = (W)
1+78	
	344.62

℄

67

343.1 / 6.5 / 9⁴ / Grd + Gar. floor

343.4 / 6.2 / 4

343.4 / 6.2

343.4 / 6.2 / 10

343.3 / 6.3 / 10² / Grd.

343.7 / 6.4 / 10² / Base wall

344.43 / 5.16 / 10² / top wall

341.77 / 7.82 / 17⁹ / Floor

349.59

342.1 / 2.5 / 10¹ / Grd

341.7 / 2.9 / 10¹ / Base wall

342.89 / 1.73 / 10¹ / top wall

340.4 / 4.2 / 20

340.6 / 4.0 / 10

340.6 / 4.0

341.4 / 3.2 / 9⁹ / At wall

344.62

Alley Blk. 30

INDEXED

68

2+88 15^{3} Lt. = ℄ double Gar. doors

2+80 13^{4} Lt. = start conc. Apron to double Gar.

2+78 9^{3} Lt. = Pole # P.A. 4161

+Start at board fence.

2+77 10^{2} Rt. = End lath fence (Gar.-shed-+House)

2+76 9^{4} Lt. = End Frame bldg.-

2+73.5 6^{2} Lt. = End Conc. slab.

2+72 9^{4} Lt. = ℄ door into house.

2+69 6^{2} Lt. = start Conc. slab

2+66 8^{8} Lt. = Ctr gas meter

2+58 10^{2} Rt. = End 4" wide Conc. wall

349.59

℄

345.37 4.22 15 Floor

345.31 4.28 13 4 Apron

345.34 4.25 15 Gar floor

345.27 4.32 13 4 Apron

345.1 4.5 10

345.7 4.4

345.6 4.0 5

345.7 3.9 10

344.68 4.91 9 3 slab at house

344.63 4.96 6 2 slab

344.68 4.91 9 2 House floor

344.74 4.85 9 4 Slab at House

344.66 4.93 6 2 slab

344.5 5.1 9 5 At. House

344.6 5.0

344.9 4.7 10

344.7 4.9 10 2 Base wall

345.16 4.43 10 2 top wall

349.59

Alley Blk. 30

4+23 12' Lt. = start wire fence.
4+15 End Conc. Apron on Rt.
4+14 8 E Rt. = (W)
4+05 12 A Rt. = start wire fence
4+01 11 J Lt. = (W)
16 Rt. = very rough Conc. Apron.
3+93 25 E Rt. = ℄ Sing. Gar. Conc. floor

T.P. 5.10 353.45 1.24 348.35

3+92 12 C Lt. = End frame shed.
3+77 9 B Lt. = Pole # P.A. 4181
3+76 Beg Conc. Ramp on Rt.
12 L Lt. = start frame shed
3+74 12 L Lt. = End Cyclone wire fence.
3+70 12 E Rt. = End Frame Bldg. (on blocks)
3+67 8 E Rt. = (W)
3+60 9 E Lt. = deadman
3+49 11 E Lt. = (W)
3+34 12 J Rt. = start frame bldg. (on blocks)
11 B Lt. = start Cyclone wire fence
3+25 10 E Rt. = End board fence.

3+20

2+95 E 13 J Lt. = End Conc. Apron to double Gar.
2+95 9 B Lt. = (W)

349.59

℄

348.7 / 4.8 / 10
349.0 / 4.5
348.9 / 4.6 / 10

349.08 / 10.3 Ramp
349.18 / 1X.2 FL.

349.0 / 4.5 / 16 Apron
349.54 / 3.91 / 25 E Gar Floor

353.45

348.49 / 10.3 Ramp
348.95 / 14.2

347.3 / 2.3 / 20
347.5 / 2.1 / 10
347.6 / 2.0
347.9 / 1.7 / 5
348.0 / 1.6 / 10
348.0 / 1.6 / 12 E A+ Bldg

345.4 / 4.2 / 30
346.1 / 3.4 / 10
346.6 / 3.0
346.7 / 2.9 / 10

345.36 / 4.23 / 15 E Gar Floor
345.29 / 4.30 / 13 E Apron

349.59

Alley Blk 30.

2" water line, at 90° Δ into ground

5+71 5^E Lt. = End exposed portion of

INDEXED

of 2" water line

5+58 4^S Lt. = Start exposed portion

5+52 10^S Lt. = (W)

5+30

5+19 39' Rt. = Sing. Gar. dirt floor

5+15 8^S Rt. = (W)

5+00

4+76 11^S Lt. = End wire fence

4+61 7' Rt. = (W)

4+60

4+47 10^S Lt. = (W)

4+32 12^S Rt. = ℄ Sing. Gar. dirt floor

4+25 12' Rt. = End wire fence

353.45

4+24 ℄ 3' Conc. walk on Rt.

℄

345.6 347.1

7.9 6.4

5.0 5.0

Grd. top pipe

346.5 348.✓ 347.✓ 346.8 346.6 346.6 347.1 347.6 348.0

5.0 5.3 6.3 6.7 6.9 6.9 6.4 5.9 5.5

20 10 48 4 8 10 12 20

top pipe

348.9 348.8 348.3 348.✓ 348.5 348.9

4.6 4.7 5.2 5.3 5.0 4.6

20 10 6 10 20

348.6

4.9

39

Grd. floor

349.1 349.1 349.0 348.9 348.8

4.4 4.4 4.5 4.6 4.7

20 10 10 20

348.8 349.0 349.1 349.1

4.7 4.5 4.4 4.4

10 4 10

349.✓

4.3

12^S

Floor

353.45

349.42

10.3'

Alley Blk 30

5+92 38 S. Cl. line Orange

Top of C

5.80

= S. Line Orange.

5+77 38 9 8 Lt. = start alley curb.

Elev. of ground to the south.
Rods on top of wall. also =
Base of wall is below curb,
Conc. Retaining wall

5+77 10 8 Lt. = ℄ 8" wide (on top) E. + W.

5+76

5+72

353.45

℄

71

344.83	343.99	343.86	347.9	347.6	341.9	339.7
8.62	9.46	9.59	10.6	10.9	11.6	13.8
36	36	115	10		10	30
	oil.	Ctr 3', Cl. Rad. on cl.				

344.01	343.9		343.5	343.1	341.✓
9.44	9.6		10.0	10.4	12.3
9 8	9 8			10	30
on cl	Grd				

344.4	344.11	344.4	343.9	344.0	343.5
9.1	9.34	9.1	9.6	9.5	10.0
20	9 8	9 8		10	20
Grd at wall	Cl. End	Grd			

348.29	348.11
5.16	5.34
20	10 ℄

348.✓	347.9	345.✓	344.3	344.0	344.✓	344.8	347.1	347.3
5.3	5.6	8.3	9.2	9.5	9.3	8.7	6.4	6.2
20	10	8	4		6	10	13	20

348.4	348.4	347.5	345.3	344.6	345.0	347.3	347.7
5.1	5.1	6.0	8.2	8.9	8.5	6.2	5.8
20	10	6	5		10	13	20

953.45

Alley Blk 30

0+43 ℄ 4' Stairway

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0+33 ℄ 5' Stairway

See Sketch

0+11 ℄ 5' Stairway on Lt.

0+01.17 N. Edge Wall Beg Conc. Walk

0+00.50 Beg. 8" Conc Brick Wall 10.8' Lt.

0+00 Beg 8" Conc Brick Wall 10.7 Rt.
Edge Asph Paving & End Gb.

(Additional Notes Alley Blk 30)

F.F. See P. 79 for check levels

Set B.M. on 2x2 Hub 5+84.38. S.S. 10.76 342.69 B.M. #5

6+17.38 ℄ Orange Pave. to west 12' Lt. = start oil

353.45

℄

330.37 332.75 332.72
10.7 10.7 8.7
1st Tread Apron Apron

332.30 331.69 331 332.6 332.8 332.8 331.7
16.7 (16.7 11.27 Walk) (11.27 10.6 Wall) 10.6 G.

332.29 330.46 330.58 331.92 331.92 329.5
16.9 14.5 Beg 11.47 Walk (11.47 10.8 Wall) 10.8 G.
Top Stairway

329.95 329.98 330.59 330.59
(20.8 11.47 Walk (11.47 10.8 Wall)

330.36 330.69
20.8 10.8
Top Wall Top Wall

328.34 328.20 328.20 328.60 329.03 331.50 331.69
10 10 10 10 10.7 20
Gb G G Gb (Top Wall)

344.9 343.7 344.9 338.9 336.0
8.6 9.8 10.6 14.6 18.5
41 12 50 100
on oil on oil

353.45

Alley Blk 24

T. P.	12.87	337.54	0.66	324.67
1+09	11½ Lt. = start. Corr. Iron fence attached to house.			
1+00	11½ Lt. = S.E. Cor. 9' wide shed.			
0+95				
0+50				
0+27	11' Lt. = Pole # D10578H			
0+24	11½ Lt. = (VA)			
0+00	same and curbs. Rods on Pave. Ground the N. line Univ. Also = End of Pave.			

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3' Rad. Alley returns.

0-15	Nly. Ctr. line Univ.			
0-15½	Nly gutter line Univ			
L+t. 0-07	5.75	325.33	4.62	319.58
B.M. #4 P. 55	11.96	324.20	—	312.24

B.M. #6

4

73

321.9 3.4/30 — 322.5 2.8/10 — 322.5 2.8 — 322.9 2.4/10 — 322.9 2.4/11 — 316.8 8.5/25

319.3 6.0/30 — 320.0 5.3/14 — 322.2 3.1/115 — 322.2 3.1/10 — 322.1 3.2 — 322.7 2.6/10 — 322.7 2.6/11 — 316.6 8.7/24 — 318.7 6.6/50 — 325.3 0.0/65

317.9 7.4/15 — 318.2 7.1/105 — 320.9 4.4/7 — 321.0 4.3 — 321.4 3.9/10 — 321.7 3.6/24 — 324.7 0.6/33 — 325.8 +0.15/50

319.1 6.2/20 — 319.86 5.47/101 cc — 319.75 5.58/102 C — 319.78 5.55 — 320.43 4.90/99 C — 321.13 4.20/99 cc — 321.8 3.5/20

314.86 10.47/80 — 317.53 7.80/40 — 319.45 5.88 Ctr. 3' Rad. Rev — 320.98 4.35 Ctr. 3' Rad. Nat. — 322.80 2.53/40 — 325.35 +0.02/80

314.17 11.16/80 — 316.84 8.49/40 — 318.87 6.46/10 — 319.48 5.85 — 320.16 5.17/10 — 322.08 3.25/40 — 324.67 0.66/80

325.33

Alley Blk. 24

INDEXED

74

double Gar. Conc. Floor.

3+01 $10\frac{3}{}$ Lt. = Start Conc. Apron to

3+00

2+95 $12\frac{6}{}$ Lt. = N.E. Cor. double Gar.
Front. $23\frac{5}{}$ Lt. = ℄ East door.

2+72 $12\frac{7}{}$ Lt. = S.E. Cor. double Gar. South

2+59 $9\frac{5}{}$ Lt. = (W)

2+50 $10\frac{8}{}$ Lt. = Pole P.A. 4031

2+00

1+76 $11\frac{6}{}$ Lt. = (W)

1+50

1+48 $11\frac{7}{}$ Lt. = End Corr. Iron Fence.

1+47 $10\frac{6}{}$ Lt. = (W)

1+26 $11\frac{4}{}$ Lt. = Pole # P.A. 4021

337.54

℄

336.71 / 0.83 / 13.1 / Gar. Floor

336.41 / 1.13 / $10\frac{3}{}$ / Apron

336.1 / 1.4 / 20

336.1 / 1.4 / 10

336.4 / 1.3

335.9 / 1.6 / 10

335.8 / 1.7 / 20

335.1 / 2.4 / $23\frac{5}{}$ / Ground. No Floor in Bldg.

335.0 / 2.5 / 10

335.3 / 2.2

334.5 / 3.0 / 10

334.0 / 3.5 / 10

333.7 / 3.8

333.5 / 4.0 / 10

330.8 / 6.7 / 25

330.1 / 7.4 / 10

330.0 / 7.5

330.3 / 7.2 / 10

330.3 / 7.2 / 25

326.7 / 10.8 / 30

326.7 / 10.8 / 12

326.2 / 11.3 / 10

326.0 / 11.5

326.1 / 11.4 / 10

324.2 / 13.3 / 68

319.1 / 18.4 / 90

330.6 / 6.9 / 120 top of bank

337.54

Alley Blk. 24.

9² Rt. = Start Picket Fence.
12⁴ Lt. = Start wire fence (Poor Cond.)
10³ Lt. = End 3'x6' Conc. Slab.
A+00 10¹ Lt. = Pole # P.A. A069

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3+99 12⁹ Lt. = ℄ 2' wide Conc. walk.

3+97 8⁴ Lt. = (W.)
Conc. Slab. do not meet for grade.
3+94 9⁵ Lt. = S.E. Cor. 3' wide (E+W) X 6' long (N+S)

T.P. 7.93 345.36 0.11 337.43

garage, Conc. Floor.
3+48 9⁸ Lt. = End Conc. Apron to double

double Gar. Conc. floor
3+28 9⁹ Lt. = Start Conc. Apron to

garage, Conc. Floor
3+19 10¹ Lt. = End Conc. Apron to double

3+18⁵ 9³ Lt. = (W)

3+06 11⁹ Rt. = ℄ Sing Gar. dirt floor
337.54

℄

338.80 6.56 / 12 — 339.1 6.3 / 10³ Slab — 339.0 6.4 / 10 — 339.5 5.9 — 339.5 5.9 / 10 — 340.1 5.3 / 20

338.88 6.48 / 18 — 338.80 6.56 / 12⁴ walk

338.8 6.6 / 12⁵ Conc. — 338.9 6.5 / 9⁵ Conc. — 345.36

337.54 0.00 / 12⁹ Crd. — 337.5 0.0 / 10 Crd — 337.37 0.17 / 9⁸ Apron — 337.7 +0.2

337.33 0.21 / 13 Gar. Floor — 337.1 0.4 / 10 Crd — 336.88 0.66 / 9⁹ Apron — 336.8 0.7 — 337.0 0.5 / 10 — 337.1 0.4 / 20

336.85 0.69 / 13 Gar. Floor — 336.57 0.97 / 10¹ Apron

336.1 1.4 / 11⁹ Floor

337.54

Alley Blk. 24.

INDEXED

4+90 14½ Rt. = End double Gar. Dirt Floor.

4+89 8³ Rt. = (W) garage. Conc. floor.

4+85 10¹ Lt. = Start Conc. Apron to Sing.

4+74 10⁵ Lt. = (W) 12' Lt. = Ctr. 18" diam Pepper tree.

4+71 14⁴ Rt. = start double Gar. dirt Floor

4+67 10⁴ Lt. = (W)

14² Rt. = Start Frame shed

4+66 11¹ Rt. = End Frame shed.

4+56 15' Lt. = ℄ 3' wide Conc. Walk

4+54 13⁵ Lt. = End Conc. Apron Gar. to Sing

10³ Rt. = start Frame shed.

4+49 18' Rt. = End Picket Fence

4+45 13⁶ Lt. = Start Conc. Apron to Sing. Gar. Conc. floor.

4+41 11¹ Lt. = End Wire Fence (Poor Cond.)

4+24 10³ Lt. = (W)

4+21 8³ Rt. = (W)

345.36

341.47 3,89 10½ on Apron

341.7 3.7

341.8 3.6 6

342.2 3.2 10

342.✓ 3.2 14² At. Gar

341.61 3.75 12 Gar. Floor

341.43 3.93 10½ Apron

340.8 4.6 20

341.4 4.0 10

341.✓ 4.2 5

341.3 4.1

341.4 4.0 6

341.9 3.5 10

341.9 3.5 14⁴ Gar. floor

340.6✓ 4.74 20

340.47 4.89 15 walk

340.45 4.91 18 Gar

340.4✓ 4.94 13⁵ Apron

340.46 4.90 18 Gar Floor

340.44 4.92 13⁵ Apron

340.4 5.0 13

340.8 4.6 10

340.8 4.6

340.7 4.7 6

340.9 4.5 10

341.4 4.0 20

345.36

Alley Blk 24

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6+00 12² Lt. = Pole # 4925 (?) (defaced)

5+99 14 = So. line Polk.

5+95 16² Rt. = ℄ 3' wide conc. steps to house.

5+94 12⁶ Rt. = N.W. Cor. House

5+75

5+59 12⁵ Rt. = S.W. Cor. House North Front.

5+41 19⁴ Rt. = ℄ Sing. Gar. Conc. Floor. No Apron.

T.P. 5.37 347.94 2.79 342.57

5+35

5+33 9⁷ Rt. = End chicken wire Fence

5+18 8⁸ Rt. = (W)

5+14 9⁴ Lt. = (W)

9³ Rt. = start chicken wire Fence.
13' Lt. = start Picket Fence.

5+00 9⁵ Lt. = pole # A 4087

4+94 10' Lt. = End. Conc. Apron to Sing Gar.

~~345.36~~
345.36

342.1 5.18 / 50

343.5 4.4 / 20

343.3 4.6 / 10

343.7 4.7

343.7 4.7 / 10

343.6 4.3 / 50

343.65 4.29 / 16² ℄ steps. (Bottom Step)

347.7 5.2 / 25

347.7 5.2 / 10

343.0 4.9

343.7 4.7 / 10

343.1 4.8 / 12⁵ At. House

343.1 4.8 / 19 Grd

343.34 4.60 / 194 Floor

347.94

342.3 3.1 / 10

342.5 2.9

342.6 2.8 / 10

341.64 3.72 / 12.8 Gar. Floor.

341.58 3.78 / 10 Apron

345.36

~~354.36~~

Alley Blk. 24

INDEXED

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For Alley Blk 29 See F.B. 1865 / 1

Set. B.M.
2x2 on Disk
6+06.14

5.14 342.80 B.M. #6

5+19.14 = ℄ Polk

347.94

℄

338.9 9.0 / 100

340.1 7.8 / 85

342.1 5.8 / 50

343.7 4.2

344.4 3.5 / 50

345.6 2.3 / 100

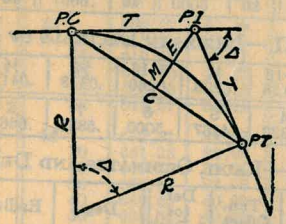
347.94

Check Levels Alleys
Blks 21-22-23-24-29-30 & 32
Fairmount Add. to City Hgts

INDEXED

5+84½ S. Orange Alley Blk 29	Between 49th & Winona		7.42	0.01 328.95	(328.96) BM #7 FB 1865 8
Orange + 49.	SS		3.42	332.95	SE. B.P. 332.95
Orange + 49 T.P.	2.74	336.37	12.91	333.63	SW. B.P. 333.63
Check B.M. #5. P. 72	SS		3.85	342.69	(342.69)
T.P.	0.47	346.54	3.48	346.07	
48th + Orange	6.68	349.55	8.15	342.87	SE B.P. Set. B.M.
NW B.P. Euclid + Orange From P. 49	0.28	351.02	—	350.74	

DIETZGEN'S RAILROAD CURVE AND REDUCTION TABLES



CURVE FORMULAS

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

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

Middle ordinate=M=R(1—cos. $\frac{\Delta}{2}$) (5)=R 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 $(54.50 \div 100)^2$=2.16 ft. Also square of any distance divided by twice the radius equals (approximately) the distance from tangent to curve. Thus $(54.50)^2 \div (2 \times 688.26)$=2.16 ft.

Deflections.—Deflection angle=½ D for 100 ft., ¼ D for 50 ft., etc. For c ft.=(in minutes) .3 x C x D° or=defl. for 1 ft. from Table III x C. For Sta. 158 of above curve=.3 x 54.5 x 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 115.37. For from Table IV for 1° curve E=960.6 for 8° 20′=960.6 ÷8⅓=115.27 and from Table V correction=.10 or E=115.37 ft. Or suppose Δ=32° and E is measured and found to be 42 ft. What is D? From Table IV E=230.9 and ÷42=5.5 or D=5° 30′.

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.