NAME National Ave Ext.

Class ..... Course ..... Party .....

Alignment Book #3

1899

169.

FIELD NOTES

No. 403P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN CO.
MANUFACTURERS
DRAWING MATERIALS
MATHEMATICAL AND SURVEYING INSTRUMENTS
MEASURING TAPES

CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

Nat'l Ave Ext.
Alignment Book #3

INDEX:

Sta.	Dist.	Angle / Az.	Def.	℄ Ties
52 + 83.85		172°56' / 345°51'	7°04' Lt.	
	171.21'			
54+26.4 P.I.		149°38' / 299°15'	30°22' Lt.	Set 2x2
	28.57'			
47+86.08 P.O.T.				
45+81.71				Equation
45+71.71				
19+88.00				

3118.57'

Cont'd from F.B.# 124, Pg. 3

9/9/26
Coote
Todd H.C.
Rodier R.C.

Laid

Laid

1

Sta.	Dist.	Angle / Az.	Def	℄ Ties
69+65.00				
69+90.96 P.T.		Equation -		
68+69.15 P.I.		130°03' / 260°06'	49°57' Lt.	
67+29.42 P.C.				
64+69.14 P.O.T.				
58+05.70 P.I.		191°34' / +23°08	11°34' Rt.	

Δ = 49°57'
R = 300'
T = 139.73'
L = 261.54'

1063+45

52+85

Void

Set 2x2

1x2

27.35'

34.30'

1x2

Void

1x2

40.00'

Set 2x2

40.00'

1x2

Continued in F.B. # 116, Pg. 12

Void

Sta.	Dist.	Angle Az.	Def.	∠ Ties

Cross Section

Line Chg. 69+90.96 to A5+71.71

Sta + H.I. − El.

Bk #9

1 133 295.90 294.54

69+90.96 Bk =
69+65.00 Ahd.

9/10/26
Coote
Todd Rod
Rodier Tape

+50

69

68+50

68

Void

Cont'd from Bk # 82 / 4

Cont'd 10' Lt. 69+70
H.I. = 295.9

Void

290.9 291.9 292.5 293.9 295.9
5.0 4.0 3.4 2.0 0.0
30 18 14 30

289.1 292.1 292.8 293.4 293.9
6.8 3.8 3.1 2.5 2.0
30 14 24 30

287.9 289.3 290.0 291.2 291.8 293.8
8.0 6.6 5.9 4.7 4.1 2.1
30 18 14 10 30

289.2 291.2 292.4
6.7 4.7 3.5
30 30

287.3 289.5 291.6 291.6
8.6 6.4 4.3 4.3
30 24 30

1

295.90

67+50

+36

67

Void

66+70

+33

66

11.0 x 284.88

2.54 287.42

65+50

+25

5

289.9	286.6	287.7	287.4	287.6
10.0	9.3	8.2	8.5	8.3
30	23		8	30

285.4	285.9	286.8
10.5	10.0	9.1
30		30

286.1	286.1	287.2	287.5	287.6	286.9
9.8	9.8	8.7	8.4	8.3	9.0
30	17		11	19	30

284.4	285.3	287.6	285.7	286.6
11.5	10.6	10.3	10.2	9.3
30	22		18	30

283.2	284.7	284.8	286.1
12.7	11.2	11.1	9.8
30		20	30

Void

283.8	284.9	284.8	285.1
12.1	11.0	11.1	10.8
30	18		30

11.1 = 287.4

282.6	284.5	285.4	285.4	285.0	285.7
4.8	2.9	2.0	2.0	2.4	1.7
30	19		17	26	30

281.9	283.1	284.1	284.2	284.6	284.9	285.4
5.5	4.3	3.3	3.2	2.8	2.5	2.0
30	22		14	19	25	30

287.4

65

64+50

64

63+70

+34

63

11.95 275.47

0.12 275.59

62+50

+20

Void

Lt. (S)

Rt. (N)

282.6	284.8	285.0	284.1	284.8
4.8	2.6	2.4	3.3	2.6
30	12		20	30
280.2	281.1	281.7	282.8	282.9
7.2	6.3	5.7	4.6	4.5
30	20		20	30
279.6	281.0	281.2	281.0	280.6	280.6
7.8	6.4	6.2	6.4	6.8	6.8
30	8		13	21	30
277.6	278.2	278.0	277.8
9.8	9.2	9.4	9.6
30	15		30
277.9	278.4	278.4	277.4	277.1	276.3
9.5	9.0	9.0	10.0	10.3	11.1
30	27	16		17	30
274.3	275.6	276.0	276.4	276.3
13.1	11.8	11.4	11.0	11.1
30		8	14	27+30

275.6

269.4	270.4	271.1	271.6
6.2	5.2	4.5	4.0
30	14		30
265.9	270.2	271.2	271.3	270.9
9.7	5.4	4.4	4.3	4.7
30		10	24	30

Void

E

275.59

61+86

+6.0

+43

61

60+72

Void

5.48 270.11

11 271.22

11.56 259.66

2.83 262.49

Bm #8

7.64 254.85 254.87

7.64 262.51

2.83 259.68

11.52 271.20

1.06 270.14

6.83 276.97

Lt. (5)

Rt. (N)

7

262.3	266.0	269.9		
13.3	9.6	5.7		
30		30		
263.8	265.0	266.2	267.2	269.8
11.8	10.6	9.4	8.4	5.8
30	25	15		30
263.0	265.8	268.8		
12.6	9.8	6.8		
30		30		
265.2	268.8	271.6	271.6	272.2
10.4	6.8	4.0	4.0	3.4
30		24	27	30
268.6	271.4	272.1	272.2	
7.0	4.2	3.5	3.4	
30		12	30	

Void

Rock 2: Sa. 60+85

This is an old Bm — See Book 114/3

27697

60+50

+20

59+76

+50

+30

58+86

+50

+23

Void

17 (5)

H.I. = 276.97

Rf (N)

8

269.3	270.9	271.7	273.5	273.2
7.7	6.0	5.3	3.5	3.8
30	13		27	30

269.9	271.8	274.2
7.1	5.2	2.8
30		30

271.4	272.5	272.9	272.4	273.1
5.6	4.5	4.6	4.6	3.9
30	15		19	30

269.9	271.3	272.8	272.7
7.1	5.7	4.7	4.3
30	15		30

Void

271.9	272.7	272.3	272.5	273.7
5.1	4.3	4.7	4.5	3.3
30	18		17	30

272.8	273.2	272.9	273.5	274.5	274.9	274.7	274.2
4.2	3.8	4.1	3.5	2.5	2.1	2.3	2.8
30	25	13		9	15	24	30

273.5	274.1	274.2	274.4	275.7	275.5
3.5	2.9	2.8	2.6	1.3	1.5
30	21	14		14	30

271.2	273.5	274.2	275.0	275.3	275.5	275.1
5.8	3.5	2.8	2.0	1.7	1.5	1.9
30	14	13	12		3	30

end of check

X

276.97

58+05.70 On Split -

B-Ln 5.55 271.42

0.60 272.02

57+61

+50 Void

+26

11.65 260.37

0.71 261.08

56+75

+37

56

11.72 249.36

2.29 251.65

Lt. (S) Rt. (N) 9

271.1	272.3	273.7	273.6	274.2	274.8	274.7
5.9	4.7	3.8	3.4	2.5	2.2	2.3
30	17		4	14	25	30

2x2 Hub 30' South of 58+05.70

N1.1 = 272.02

265.5	269.4	270.0	272.4
6.5	2.6	2.0	+0.4
30		7	30

264.6	265.9	269.1	269.5	271.9
7.4	6.1	2.9	2.5	0.1
30	27		9	30

263.0	263.1	265.2	267.0	269.2
9.0	8.9	6.8	5.0	2.8
30	23		14	30

Void

N2.2 61.1

~~257.9~~ 268.0	~~258.7~~ 269.6	~~259.6~~ 270.5	~~270.3~~ 59.4	~~272.0~~ 61.1
3.2	2.4	2.0	1.7	0.0
30	20		9	30

~~251.5~~ 262.4	~~255.4~~ 266.3	~~255.8~~ 266.7	~~256.2~~ 267.1	~~257.6~~ 268.6
9.6	5.7	5.3	4.9	4.0
30	6		5	30

~~247.3~~ 258.2	~~249.9~~ 260.8	~~251.2~~ 262.1	~~262.9~~ 263.8
13.8	11.2	9.9	8.2
30		16	30

251.65

55+50

+20

55

54+70

+50

+15

Void

Blw #7 7.01 244.64 244.58

7.01 251.59

53+85

Lt. (S) H.I. = 257.7 Rt. (N) 10

243.3	244.4	244.8	246.5	249.0
8.4	7.3	6.9	5.2	2.7
30	23	16		30

244.4	245.4	246.7	247.6	247.9
7.3	6.3	5.0	4.1	3.8
30	27		10	30

244.2	245.9	247.0	247.2
7.5	5.5	4.7	4.5
30		20	30

244.9	246.9	248.3
6.8	4.8	3.4
30		30

244.8	246.1	246.6	246.0
6.9	5.6	5.1	5.7
30	16		30

242.7	244.3	245.3
9.0	7.4	6.4
30		30

Void

2x2 Hub 43' Lt. Sta 54+00 – See Bk # 114/3

240.6	244.5	244.7	243.9
11.0	7.1	6.9	7.7
30		10	30

X

251.59

53+70

+50

11.94 239.65

1.06 240.71

53

52+60

Void

+27

52

1+50

11.93 228.78

0.95 229.73

+27

Lt (S) | Rt (N) | 11

239.6 / 17.0 / 30 | 242.5 / 9.1 | 243.2 / 8.4 / 14 | 243.0 / 8.6 / 30

238.3 / 13.3 / 30 | 242.0 / 9.6 | 242.2 / 9.4 / 30

H.I. = 240.71

237.4 / 3.3 / 30 | 237.9 / 2.8 / 26 | 239.2 / 1.5 | 239.0 / 1.7 / 13 | 239.1 / 1.6 / 30

236.0 / 4.7 / 30 | 236.9 / 3.8 / 21 | 237.0 / 3.7 | 237.9 / 2.8 / 18 | 238.1 / 2.6 / 25 | 237.9 / 2.8 / 30

233.2 / 7.5 / 30 | 235.1 / 5.6 | 233.9 / 6.8 / 30

231.3 / 9.4 / 30 | 232.6 / 8.1 | 231.7 / 9.0 / 30

Void

229.3 / 11.4 / 30 | 229.8 / 10.9 / 15 | 229.1 / 11.6 | 228.6 / 12.1 / 30

229.7

227.5 / 4.2 / 30 | 227.5 / 4.2 / 21 | 226.5 / 3.2 | 226.0 / 3.7 / 30

X

229.73

51+12.64 Ou Split.

50+67

+38

11.34 218.39

0.10 218.49

50

49+50

49

48+47

B-Lu#6 1.75 216.74 216.72

Void

Void

Top 6" Water Valve 68' Lt. Sta 48+67
See Book # 114/3

12

Lt. (S) Rt. (N)

225.5	225.2	226.0	226.2	225.4
4.2	4.8	3.7	3.5	4.3
30	18		13	30
220.0	219.7	219.9	220.7	
9.7	10.0	9.8	9.0	
30		13	30	
218.7	219.1	219.3	218.4	219.1
11.0	10.6	10.4	11.3	10.6
30	25	13		30

215.5	216.2	216.7	218.7
3.0	2.3	1.8	+0.2
30		20	30
214.3	214.0	215.2	215.5
4.2	4.5	3.3	3.0
30	27		30

213.4	213.9	213.5	214.2	215.3	215.3	214.2
5.1	4.6	5.0	4.3	3.2	3.2	4.3
30	18	10		13	19	30

212.1	212.7	213.2	213.6	213.8	213.0	213.7	213.5
6.4	5.8	5.3	4.9	4.7	5.5	4.8	5.0
30	24	14		10	14	25	30

218.19

48+50

+25

47+96.

+50

+20

6.14 215.81

47

46+70

+50

Void

9.12 209.37

Lt. (S) Rt. (N)

212.3	214.3	214.1	212.5	213.8
6.2	4.2	4.4	6.0	4.7
30	12		18	30
210.5	211.5	211.6	212.1	
8.0	7.0	6.9	6.4	
30	18		30	
210.2	210.3	212.3	212.9	212.4
8.3	8.2	6.2	5.6	6.1
30	16		20	30
210.6	209.7	209.9	210.3	211.1
7.9	8.8	8.6	8.2	7.4
30	15		16	30
209.2	209.5	209.7	210.5	
9.3	9.0	8.8	8.0	
30		15	30	

Void

Lt.1 = 215.8

210.0	209.1	209.4	209.7	210.4
5.8	6.7	6.4	6.1	5.4
30	13		24	30
208.1	209.8	210.4	210.9	210.0	209.8
7.7	6.0	5.4	4.9	5.8	6.0
30	10		11	20	30
208.1	208.1	209.3	209.8	209.2
7.7	7.7	6.5	6.0	6.6
30	16		10	30

215.81

46+35

+13

45+71.71 = 45+81.71 Equation – Void

BkW#5 329 214.54 212.49

Continued in Bk# 82

Lt. (S) Rt. (N) 14

208.0	208.9	209.0
7.8	6.9	6.8
30		30

208.8	208.5	210.8	210.8	208.7
7.0	7.3	5.0	5.0	7.1
30	25		15	30

208.6	208.4	209.1	209.0	208.3	208.3
7.2	7.4	6.7	6.8	7.5	7.5
30	19	10		18	30

Void

Out Hub ℄ Sta 47+96.08 – See Bk# 114/3

Sta.	Dist.	Angle	Az.	Def.	℄ Ties.
53+04.89 P.T.					
49+52.40 P.I.		152°32' / 305°04'		27°28 Lt.	
45+85.81 P.C.					

$\Delta = 27°28'$
$R = 1500'$
$T = 366.59'$
$L = 719.08'$

Coote Notes
Glover ℼ
Clifton H.S.
Key R.C.
10/7/26

"D" Line.

Continued from Bk. # 124/3

Topogs- 15

Deflections -

46	=	0° 16'
+50	=	1° 13½
47	=	2° 11'
+50	=	3° 08'
48	=	4° 05½
+50	=	5° 03'
49	=	6° 00'
+50	=	6° 57'
50	=	7° 54½
+50	=	8° 52'
51	=	9° 49'
+50	=	10° 46½
52	=	11° 44'
+50	=	12° 41'
53	=	13° 38½
+04.89	=	13° 44'

X-Secs on Pg. 17 this book-

Sta. Dist. Angle Az. Def. ℄ Ties-

69+89.94
69+37.56 = P.T.

Equation-

68+19.07 P.I. 131°39' 263°18' 48°21' Lt.

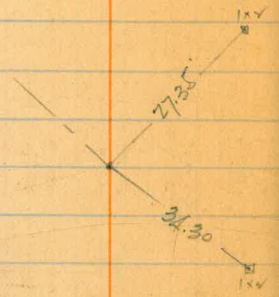
66+84.40 PC

A = 48°21
R = 300'
T = 134.67
L = 253.16

1880.77 ft

58+00 POT

Set 2x2



Topog- 16

Contd in Bk # 116/17

Deflections-

67 = 1° 29½'
+50 = 6° 16
68 = 11° 02
+50 = 15° 49
69 = 20° 35
+37.56 = 24° 10½'

"D" LINE

Cross Sections -

Bk #J

7.19 219.68

212.49

45+85.81

10/7/26
Coote Notes
Glover
Clifton Rod
Key Tape

46+03

+23

+55

Transit Notes on Pg. 15

+76

47+09

(Cont'd from Bk # 83)

See Pg. 14

208.9	208.3	209.5	209.3	208.7	209.6
11.3	11.2	10.7	10.4	11.0	10.1
30	22	11		13	30

208.6	210.8	210.8	208.3
11.1	8.9	8.9	11.4
30	14		30

208.8	209.0	208.0	208.0
10.9	10.7	11.7	11.7
30		15	30

209.5	210.1	211.0	210.5	208.3	208.0
10.7	9.6	8.7	9.2	11.4	11.7
30	19	11		22	30

211.5	209.8	209.1	208.7	209.4
8.7	9.9	10.6	11.0	10.3
30	15		16	30

210.4	209.7	209.6	209.1
9.3	10.0	10.1	10.6
30	10		30

219.68

47+26

+50

+82

48

+25

+45

+75

49

Lt. Rt. 18

219.68

212.3	211.3	209.9	209.4
7.4	8.4	9.8	10.3
30	14		30

210.7	210.3	209.7
9.0	9.4	10.0
30		30

213.3	214.0	212.6	212.3	212.2	210.4
6.4	5.7	7.1	7.4	7.5	9.3
30	23	7		14	30

211.9	211.9	211.1
7.8	7.8	8.6
30		30

213.0	212.8	212.1	212.0	212.9
6.7	6.9	7.6	7.7	6.8
30	10		15	30

215.9	215.8	213.2	212.7	212.9	214.8
3.8	3.9	6.5	7.0	6.8	4.9
30	26	5		10	30

214.1	213.7	213.7	214.1	213.7
5.6	6.0	6.0	5.6	6.0
30	19		22	30

215.5	214.5	214.5	214.7
4.2	5.2	5.2	5.0
30	19		30

219.68

49+50

0.15 219.53

11.81 231.34

+84

50

+29

+50

+80

5H14

+50

0.51 230.83

11.33 24v.16

LT. RT. 19

216.5	216.9	216.2	215.7	216.4
3.7	2.8	3.5	4.0	3.3
30	19		11	30

217.0	217.1	219.2	219.4	218.5	217.0
14.3	14.2	12.1	11.9	12.8	14.3
30	23		11	23	30

217.9	217.7	218.3	217.7
13.4	13.6	13.0	13.6
30	23		30

218.9	219.2	219.7
12.4	12.1	11.6
30		30

221.0	222.3	221.8	222.2	222.0
10.3	9.0	9.5	9.1	9.3
30	20		23	30

222.9	222.9	223.3	223.9
8.4	8.4	8.0	7.4
30	22		30

225.6	228.5	228.6	228.7
5.7	2.8	2.7	2.6
30	7		30

229.8	230.8	230.6	231.2
1.5	0.5	0.7	0.1
30	11		30

242.16

51+73

52+16

~+39

+69

0.23 241.93

11.37 253.30

53

+36

Bm#7 8.73 244.57 244.58

+77

20

231.5	232.2	232.2	233.9	233.5
10.7	10.0	10.0	8.3	8.7
30	17		20	30

237.2	236.5	237.5	237.5	236.9	237.5
5.0	5.7	4.7	4.7	5.3	4.7
30	17		14	23	30

238.0	237.7	237.7
4.2	4.5	4.5
30		30

239.7	239.9	241.3	241.5	240.1
2.5	2.3	0.9	0.7	2.1
30	18		16	30

242.0	242.7	241.9	242.3	242.0
11.3	10.6	11.4	11.0	11.3
30	17		19	30

243.6	244.4	243.8	244.0
9.7	8.9	9.5	9.3
30		14	30

2x2+(vb 53+60 — 21+-

245.6	245.8	245.6	244.6
7.7	7.5	7.7	8.7
30		13	30

253.30

54

+25

+55

55

+50

0.23 253.07

11.15 264.22

+90

+76+26

+67

0.28 263.94

10.76 274.70

21

246.2	246.1	246.0
7.1	7.2	7.3
30		30

248.5	248.9	248.2	245.7
48	44	51	7.6
30	27		30

247.6	247.1	245.4
5.7	6.2	7.9
30		30

250.1	247.8	245.5	244.7
3.2	5.5	7.8	8.6
30		27	30

254.0	250.1	247.2
+0.7	3.2	6.1
30		30

257.6	255.7	254.8	250.7
6.6	8.5	9.4	13.5
30		7	30

261.3	259.2	258.6	257.2	255.7
2.9	5.0	5.6	7.0	8.5
30	11		22	30

267.2	262.3	261.3	258.8
+3.0	1.9	2.9	5.4
30		11	30

274.70

57

+21

BKw ~ 3.3x 271.38 271.4x

+50

3.3x 271.38 271.4x

6.5.1 277.93

+68

58

+50

+71

On 2xx Hub 1' Lt 57+49

270.0 269.0 266.4 265.0 263.5 262.6
4.7 5.7 8.3 9.7 11.2 12.1
30 15 9 24 30

271.6 270.5 267.5 265.2 263.9
3.1 4.7 7.2 9.5 10.8
30 25 18 30

273.5 271.2 267.1 266.6
1.7 3.5 7.6 8.1
30 2x 30

275.2 274.3 271.2 266.9
2.7 3.6 6.7 11.0
30 19 30

274.6 273.9 273.5 272.6 268.6
3.3 4.0 4.4 5.3 9.3
30 20 7 30

272.9 272.0 271.6 268.0
5.0 5.9 6.3 9.9
30 8 30

272.4 272.8 272.0 271.1 267.2
5.5 5.1 5.9 6.8 10.7
30 14 9 30

277.93

.59

+25

+50

60

9.06 268.87

6.18 275.35

+24

+39

+67

61

272.2	271.1	270.1		267.9
5.7	6.8	7.8		10.0
/30	/11			/30
272.2	272.5	271.8	270.5	267.8
5.7	5.4	6.1	7.4	10.1
/30	/10		/12	/30
272.6	272.0	270.2	268.9	
5.3	5.9	7.7	9.0	
/30	/21		/30	
272.3	271.7	269.8	268.4	267.7
5.6	6.2	8.1	9.5	10.2
/30	/21		/14	/30
272.1	271.5	270.0	269.9	266.0
3.3	3.9	5.4	6.0	9.4
/30	/23	/8		/30
		270.4	267.7	265.9
		5.0	7.7	9.5
		/30		/30
269.3	268.7	265.0	261.4	
6.1	6.7	10.4	14.0	
/30	/24		/30	
267.4		264.8	260.9	259.7
8.0		10.6	14.5	15.7
/30			/23	/30

275.38

61+50

+72

62

+50

0.47 274.88

10.79 285.67

+83

63+28

+54

+76

268.3 7.1 30

265.6 9.8

263.8 11.6 18

262.4 13.8 30

271.3 4.1 30

270.8 4.6 26

267.9 7.5

264.7 10.7 19

263.3 12.1 30

271.7 3.7 30

271.3 4.1 16

271.4 4.4

268.4 7.0 30

276.5 +1.1 30

275.8 +0.4 19

275.4 0.0

273.4 2.0 30

277.1 8.6 30

278.4 7.3

278.3 14 15

276.2 9.5 30

278.7 7.0 30

278.3 7.4

277.0 8.7 30

281.1 4.6 30

281.6 4.1 15

280.8 4.9

278.4 7.3 30

283.2 2.5 30

281.0 4.7 10

280.1 5.6

278.7 7.0 30

285.67

64

730

0.65 285.or

7.21 29r.23

756

777

65

731

750

66

282.9	281.9	281.4	279.2	
28	38	43	65	
30	17		30	
285.7	284.6	283.2	283.0	282.2	280.1
00	1.2	2.5	2.7	35	56
30	17	8		15	30
284.0	285.3	285.0	284.6	2814	
8.2	6.9	7.2	7.6	108	
30	13		5	30	
285.5	284.3	284.2	281.0		
67	7.9	8.0	112		
30	21		30		
	285.4	285.0	284.5	281.5	
	68	7.2	7.7	107	
	30		9	30	
285.3	285.8	285.6	284.2	282.7	
69	6.4	6.6	8.0	9.5	
30	19		10	30	
	285.0	284.9	283.8	282.6	
	7.2	7.3	8.4	9.6	
	30		20	30	
	285.7	285.0	284.9	284.0	
	65	6.6	7.3	8.2	
	30		18	30	

292.23

(66+24

+43

+69

67

+28

2.30 289.93

9.43 299.36

+50

+75

68

286.6 285.9 285.6 285.3 283.8

5.6 6.3 6.6 6.9 8.4

30 24 15 30

287.2 287.6 287.2 285.8 284.8

5.2 4.6 5.0 6.4 7.4

30 23 13 30

286.6 285.9 285.0

5.6 6.3 7.2

30 30

287.1 287.5 286.0

4.5 4.7 6.2

30 30

289.5 288.5 288.0 286.1

2.7 3.7 4.2 6.1

30 11 30

290.8 291.1 290.0 289.4 288.2

8.6 8.3 9.4 10.0 11.2

30 26 13 30

292.7 290.9 290.3 289.4 288.0

6.7 8.8 9.1 10.0 11.4

30 14 17 30

292.8 292.2 291.1 289.5 288.9

6.6 7.4 8.3 9.9 10.5

30 23 24 30

299.36

6 68+50

69

+37.56=

BKw#9

4.77 294.59 294.57 On Hub 10'Lt. 69+70

293.6	291.8	291.2	289.0	287.6
5.8 / 30	7.6 / 11	8.2 /	10.4 / 18	11.8 / 30
294.1	292.9	291.9	289.7	288.8
5.3 / 30	6.5 / 15	7.5 /	9.7 / 20	10.6 / 30
295.0		293.7	292.6	291.1
4.4 / 30		5.7 /	6.8 / 15	8.3 / 30

Paid in Bk # 114, P 33

Upper St + Southern Ave.

1½" Service Pipe 1' under surface (E+W)
6" " drain 2.63 below top of service pipe (N+S)

National Ave Levels. 67-72. Check

B.M.#9	3.19	297.76		294.57 County
69+90.96			3.9	93.9
+50			3.7	94.1
69			6.5	91.7
+50			6.6	91.6
68			8.4	89.4
+50			10.1	87.7
67			10.5	87.3
	8.76	303.33	3.19	294.57
69+90.92			9.5	93.8
69+68				
70			7.6	95.7
+50			7.0	96.3
71			4.5	98.8
+50			3.1	300.2
72			2.9	300.4
			8.76	294.57