Property of Engineers Office
City Hall San Diego Cal.

A

400
LEVEL

F.B.419

1

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, and Mathematical Instruments, San Francisco.

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	$2\frac{1}{3}$	21	49	41	$95\frac{2}{3}$
2	$4\frac{2}{3}$	22	$51\frac{1}{3}$	42	98
3	7	23	$53\frac{2}{3}$	43	$100\frac{1}{3}$
4	$9\frac{1}{3}$	24	56	44	$102\frac{2}{3}$
5	$11\frac{2}{3}$	25	$58\frac{1}{3}$	45	105
6	14	26	$60\frac{2}{3}$	46	$107\frac{1}{3}$
7	$16\frac{1}{3}$	27	63	47	$109\frac{2}{3}$
8	$18\frac{2}{3}$	28	$65\frac{1}{3}$	48	112
9	21	29	$67\frac{2}{3}$	49	$114\frac{1}{3}$
10	$23\frac{1}{3}$	30	70	50	$116\frac{2}{3}$
11	$25\frac{2}{3}$	31	$72\frac{1}{3}$	51	119
12	28	32	$74\frac{2}{3}$	52	$121\frac{1}{3}$
13	$30\frac{1}{3}$	33	77	53	$123\frac{2}{3}$
14	$32\frac{2}{3}$	34	$79\frac{1}{3}$	54	126
15	35	35	$81\frac{2}{3}$	55	$128\frac{1}{3}$
16	$37\frac{1}{3}$	36	84	56	$130\frac{1}{3}$
17	$39\frac{2}{3}$	37	$86\frac{1}{3}$	57	133
18	42	38	$88\frac{2}{3}$	58	$135\frac{1}{3}$
19	$44\frac{1}{3}$	39	91	59	$137\frac{2}{3}$
20	$46\frac{2}{3}$	40	$93\frac{1}{3}$	60	140

419

Return to City Engineer's Office
City Hall, San Diego, Cal.

MICROFILMED
DEC 10 1964

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

Mesa - 1st NW 22399

Publi
Mate

Table
run

MINUT

1...
2...
3...
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12...
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In the

ANGL

°
4
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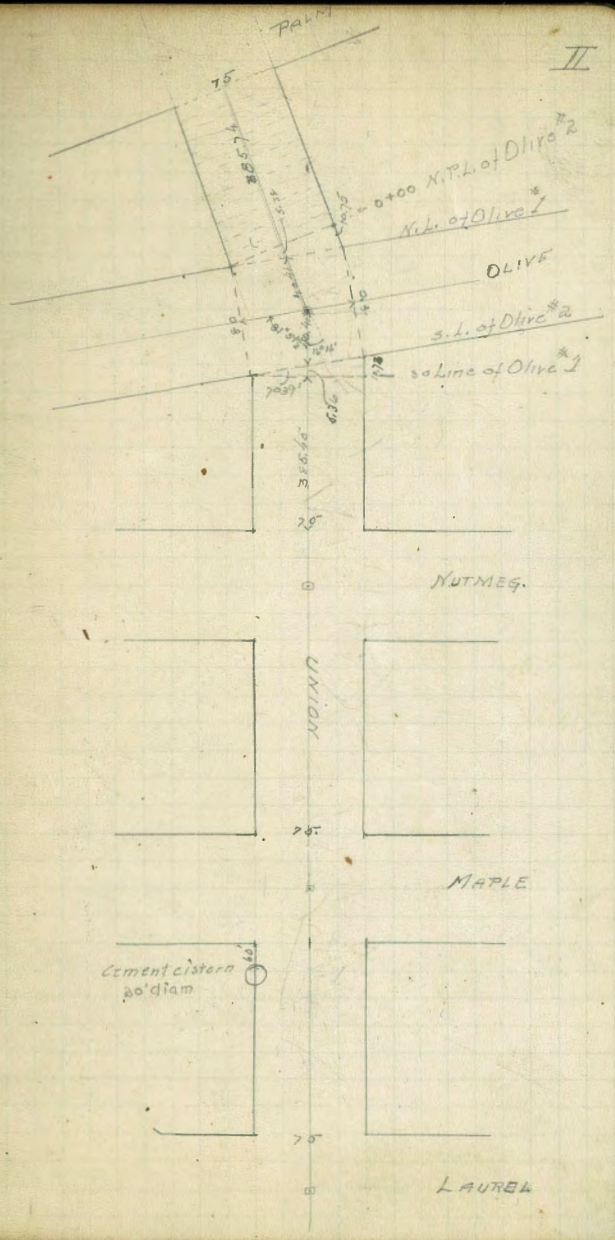
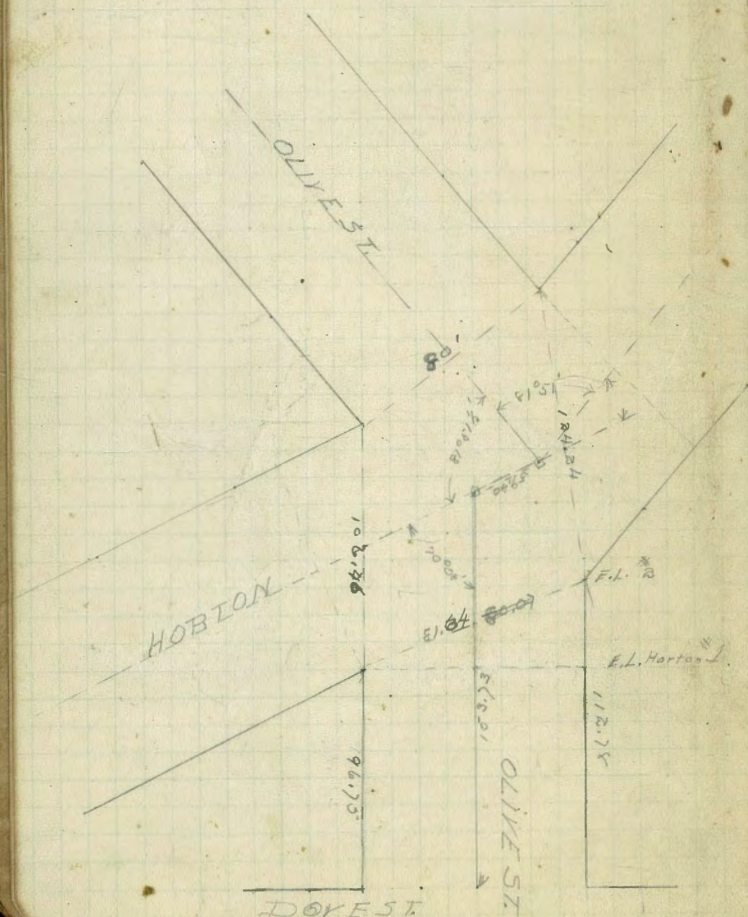
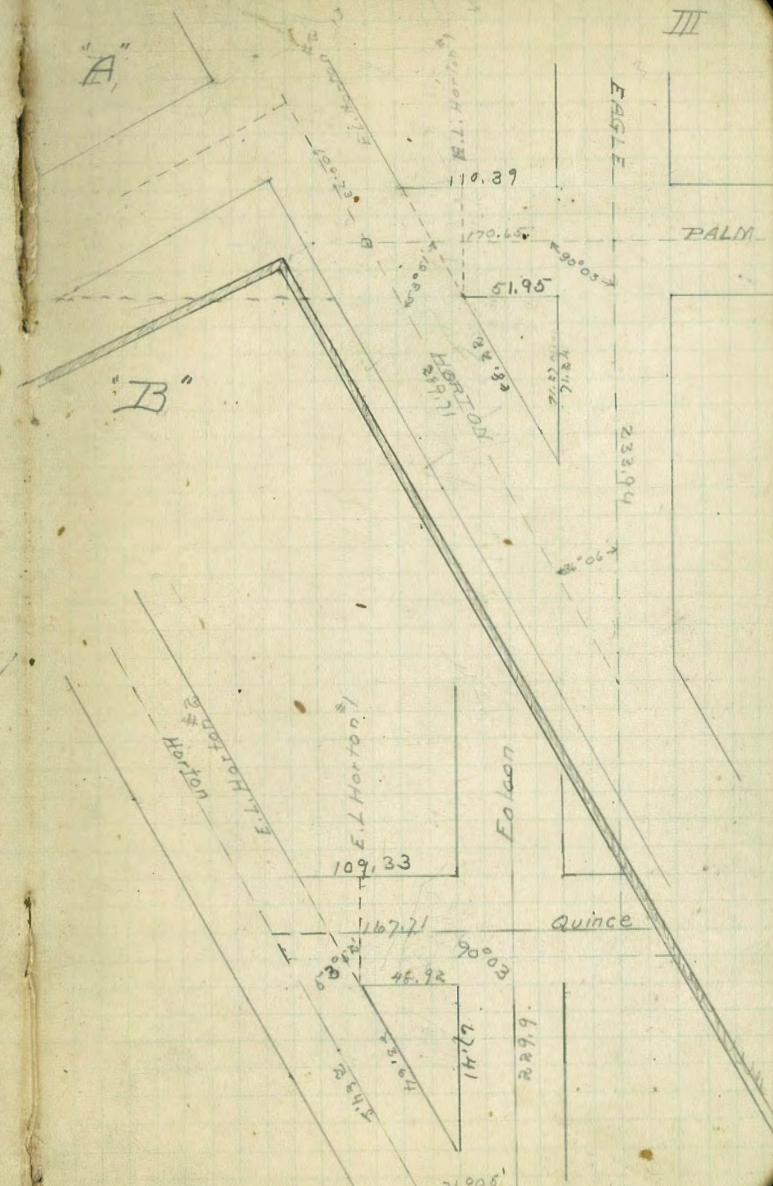
9
10


PALM
75
0+00 N.P.L. of Olive #2
N.L. of Olive #1
OLIVE
S.L. of Olive #2
S.Line of Olive #1
NUTMEG.
UNION
MAPLE
Cement cistern
20' diam
LAUREL


OLIVE ST.
HORTON
E.L. Horton #1
OLIVE ST.
DOVE ST.


III
"A"
"B"
EAGLE
PALM
110.39
170.65
51.95
HORTON
233.94
E.L. Horton #2
E.L. Horton #1
Horton
Eolean
109.33
167.71
Quince
90°03
48.92
229.9

9/21/08 { Whittelsey
Colbath
Deziel

1

Contour Levels UNION ST

LAUREL to PALM.

Union St = 75' wide

B.M. Hub N.W. Cor Laurel + Union 116.02

N.P.L. of Laurel.

W.P.L.	12.89	128.91	12.90	116.0
℄		115.91	4.70	124.2
E.P.L.			+1.20	130.1

25' N. of Laurel

POST

E.P.L.			0.10	128.8
℄			6.70	122.2
W.P.L.			15.80	113.1

50' N. of Laurel.

POSTED

W.P.L.			19.00	109.9
℄			8.00	120.9
E.P.L.			1.20	127.7

75 ~~100~~' N. of Laurel

E.P.L.		128.91	2.90	126.0
℄			10.50	118.4
W.P.L.			22.60	106.3

100' N. of Laurel

W.P.L.			27.30	101.6
℄			16.60	112.3
E.P.L.			7.50	121.4
T.P.			12.74	116.17

185' N. of Laurel

E.P.L.	0.68	116.85	2.20	114.7
℄			9.10	107.8
W.P.L.			17.80	99.1

150' N. of Laurel

W.P.L.			20.60	96.3
℄			13.80	103.1
E.P.L.			8.80	108.1
			12.89	103.96
	0.98	104.94		

104.90
11.50
93.40
2.60
97.00

175' N. of Laurel

E.P.L.	104.94	3.20	101.7
℄		9.00	95.9
W.P.L.		13.00	91.9

200' N. of Laurel

W.P.L.	97.00	9.00	88.0
℄	104.94	11.80	93.1
E.P.L		7.60	97.3

225' N. of Laurel

E.P.L.		10.70	94.2
℄		15.00	89.9
W.P.L.		16.80	88.1

250' N. of Laurel

POSTED

W.P.L.	92.34	7.70	84.6
℄	104.94	17.30	87.6
E.P.L.		15.60	89.3
Topot Cistern	92.34	3.10	
T.P.	104.94	12.87	92.07
	0.27	92.34	~~5.89~~

275' N. of Laurel

E.P.L.		92.34	7.40	84.9
℄			9.50	82.8
W.P.L.			13.90	78.4

300' N. of Laurel = S.L. of Maple

W.P.L.			16.40	75.9
℄			12.30	80.0
E.P.L.			9.50	82.8
T.P.			12.94	79.40

Maple = 80' wide

℄ of Maple

E.P.L.	0.69	80.09	2.40	77.7
℄			3.60	76.5
W.P.L.			8.40	71.7

W.P.L. of Maple

W.P.L.			12.70	67.4
℄			12.60	67.5
E.P.L.			13.30	66.8
			12.88	67.21
	0.77	67.98		

25' N. of Maple

E.P.L.	67.98	3.00	65.0
℄		4.60	63.4
W.P.L.		6.10	61.9

50' N. of Maple

W.P.L.	8.20	59.8
℄	21.20	46.8
E.P.L.	8.10	59.9

75' N. of Maple

E.P.L.	15.50	52.5
℄	13.40	54.6
W.P.L.	22.80	45.2

100' N. of Maple

W.P.L.	8.80	59.2
℄	7.90	60.1
E.P.L.	10.00	58.0

125' N. of Maple

E.P.L.	67.98	4.30	63.7
℄		4.70	63.3
W.P.L.		7.60	60.4

150' N. of Maple

W.P.L.		5.40	62.6
℄		5.80	62.2
E.P.L.		4.80	63.2

175' N of Maple

E.P.L.		5.10	62.9
℄		5.70	62.3
W.P.L.		6.00 6.42	62.0 61.56

200' N. of Maple

W.P.L.	~~4.92~~	67.98	5.50	62.5
℄	1.92	63.48	1.30	62.2
E.P.L.			0.90	62.6

61.56
1.6
60.00
66.00

63.44
1.60
61.9

225' N of Maple

E.P.L.	63.48	1.50	62.0
℄		1.40	62.1
W.P.L.		4.00	59.5

250' N. of Maple

W.P.L.		8.60	~~55.9~~
℄		1.50	62.00
E.P.L.		1.60	61.9

275' N of Maple

E.P.L.		1.90	61.60
℄		1.80	61.7
W.P.L.		17.30	46.2

300' N of Maple = S.L. of Nutmeg.

W.P.L.		15.00	48.5
℄		15.00	48.5
E.P.L.		2.20	61.3

POSTED

Nutmeg = 80'

℄ of Nutmeg

E.P.L.		63.48	10.90	52.6
℄			14.00	49.5
W.P.L.		63.51	12.50	51.0
T.P.		63.48	11.24	52.24 on Barn

N.L. of Nutmeg

W.P.L.	11.27	63.51	13.60	49.9
℄			12.70	50.8
E.P.L.			11.30	52.2

35' N of Nutmeg

E.P.L.			11.20	52.3
℄			12.40	51.1
W.P.L.			13.00	50.5

50' N. of Nutmeg

W.P.L.			8.70	54.8
℄			12.10	51.4
E.P.L.			13.10	50.4

75' N of Nutmeg

E.P.L.		63.51	11.50	52.0
℄			12.40	51.1
W.P.L.			5.40	58.1

100' N of Nutmeg

W.P.L.			2.80	60.7
℄			10.20	53.3
E.P.L.			12.80	50.7

125' N. of Nutmeg

E.P.L.			7.50	56.0
℄			9.30	54.2
W.P.L.		75.29	4.60	70.7

150' N of Nutmeg

W.P.L.		86.57	4.80	81.8
℄		63.51	1.50	62.0
E.P.L.			6.70	56.8
T.P.			0.11	63.40
	11.89	75.29		

160' N of Nutmeg

E.P.L.	75.29	8.70	66.6
℄		5.00	70.3
W.P.L.	86.57	1.10	85.5

175' N. of Nutmeg

W.P.L.		+2.50	89.1
℄	75.29	2.70	72.6
E.P.L.		5.90	69.4

200' N. of Nutmeg

E.P.L.		4.90	70.4
℄	99.14	15.40	83.7
W.P.L.		5.30	93.8

225' N of Nutmeg

W.P.L.		+1.30	100.4
℄		11.50	87.6
E.P.L.	75.29	5.90	69.4
T.P.		0.17	75.12
11.45	86.57		

250' N of Nutmeg

E.P.L.	75.29	5.10	70.2
℄	99.14	5.60	93.5
W.P.L.	111.66	4.40	107.3

275' N. of Nutmeg

W.P.L.	111.66	+1.80	113.5
℄	99.14	3.20	95.9
E.P.L.	75.29	1.90	73.4

300' N of Nutmeg

E.P.L.	99.14	16.70	82.4
℄		2.70	96.4
W.P.L.	111.66	+6.30	118.0

POSTED

T.P.	86.57	0.05	86.52
12.62	99.14	0.14	99.00
12.66	111.66		

55.45

385' N of Nutmeg

E.P.L.	99.14	13.90	85.2
℄	111.66	7.10	104.6
W.P.L.		+9.00	120.7

350' N of Nutmeg

W.P.L.		+11.80	123.5
℄	111.66	3.70	108.0
E.P.L.	99.14	11.10	88.0

385.45' N. of Nutmeg = S.L. Olive #4

E.P.L.		6.20	92.9
℄	111.66	6.90	104.6
W.P.L.	124.02	+2.00	126.0

S.L. of Olive #2

W.P.L.		+2.00	126.0
℄	111.66	6.30	105.4
E.P.L.	99.14	3.50	95.6

Olive S.L. = 80'

See sketch Page II - at front

T.P.	111.66	0.04	111.62
12.44	124.06	0.09	123.97

℄ of Olive

E.P.L.	111.66	5.50	106.2
℄	124.06	4.80	119.3 [83.97]
W.P.L. 12.21	136.18	6.00	130.2

N.P.L. of Olive #1

N.P.L.	149.07	6.20	142.9
℄	136.18	3.30	132.9
E.P.L.	124.06	4.50	119.6

N.P.L. of Olive #2

E.P.L.		1.10	123.0
℄	136.18	1.70	134.5
W.P.L.	149.07	6.20	142.9

25' N. of Olive

W.P.L.	161.73	7.30	154.4
℄	149.07	7.00	142.1
E.P.L.	136.18	7.40	128.8
T.P.		0.11	136.07
13.00	149.07		

50' N. of Olive

E.P.L.	136.18	1.90	134.3
℄	149.07	0.30	148.8
W.P.L.	161.73	+0.90	162.6

75' N of Olive

W.P.L.	182.98	15.20	167.8
℄	161.73	6.20	155.5
E.P.L.	149.07	9.10	140.0

100' N. of Olive

E.P.L.		6.70	142.4
℄	161.73	4.00	157.1
W.P.L.	182.98	10.30	172.7

125' N. of Olive

W.P.L.		5.30	177.7
℄	161.73	2.80	158.9
E.P.L.	149.07	5.10	144.0
T.P.		0.11	148.96
	12.77	161.73	

150' N. of Olive

E.P.L.	161.73	16.80	144.9
℄	182.98	16.00	167.0
W.P.L.		1.10	181.9

175' N. of Olive

W.P.L.	192.13	7.50	184.6
℄	182.98	15.10	167.9
E.P.L.	161.73	12.20	149.5

200' N. of Olive

E.P.L.		5.00	156.7
℄	182.98	10.90	172.1
W.P.L.	192.13	4.70	187.4

225' N. of Olive

W.P.L.		2.10	190.0
℄	182.98	2.60	180.4
E.P.L.	192.13	35.20	156.9
T.P.	161.73	0.29	161.44
12.14	173.58	1.11	172.47
10.51	182.98	3.24	179.74

Last T.P.

	2.50	N. of Olive		179.74
E.P.L.	12.39	192.13	27.80	164.2
℄			14.10	178.0
W.P.L.			0.90	191.2
	2.75	N. of Olive		
W.P.L.		201.35	8.50	192.9
℄		192.13	8.60	183.5
E.P.L.			23.30	168.8
	3.00	N. of Olive		
E.P.L.			16.50	175.6
℄			6.70	185.4
W.P.L.		201.35	7.10	194.3
	3.25	N. of Olive		
W.P.L.			5.80	196.6
℄		201.35	9.30	192.1
E.P.L.		192.13	8.10	184.0
T.P.			11.28	190.85
	10.50	201.35		

	3.50	N. of Olive		
E.P.L.		192.13	3.80	188.3
℄		201.35	7.00	194.4
W.P.L.			4.40	197.0
	3.80.74	N. of Olive = S.L. of Palm		
W.P.L.			3.80	199.6
℄			4.80	197.6
E.P.L.			8.80	193.6
T.P.			12.92	188.43
	1.06	189.49	12.76	176.73
	1.88	178.61	12.90	165.71
	3.86	168.97	12.74	156.23
	1.44	157.67	12.88	144.79
	0.37	145.16	12.92	132.24
	2.00	134.24	12.91	121.33
	0.40	121.73	12.91	108.82
	1.54	110.36	12.95	97.41
	0.07	97.48	12.87	84.61

POSTED

				84.61	
T.P.	0.96	85.57	1.24	84.33	Sta #3 ± K et Natmeg
			12.68	72.89	
	0.47	73.36	10.53	62.83	
	0.86	63.69	11.41	52.28	on Barn
			0.08	63.61	
	7.66	71.27	0.29	70.98	
	12.57	83.55	0.17	83.38	
	12.89	96.27	0.12	96.15	
	12.76	108.91	2.39	106.52	
B.M.	10.95	117.47	1.36	116.11	116.02
	2.07	118.09	12.90	105.19	
	0.72	105.91	12.93	92.98	+++
B.M. N.W. Brs Plg 1st & Maple				223.99	
	0.50	224.49	12.85	211.64	
	0.07	211.71	12.92	198.79	—
	0.33	199.12	12.97	186.15	
	0.22	186.37	12.83	173.54	

Maple St = 80'

Contour Levels MAPLE St.

Curlew to Albatross

W.P.L. of Albatross [173.54]

N.P.L.	4.28	177.82	17.80	160.0
℄			1.70	176.1
S.P.L.			+0.50	178.3

25' W of Albatross

S.P.L.			4.10	173.7
℄			9.80	168.0
N.P.L.		165.62	10.40	155.2

50' W of Albatross

N.P.L.			16.60	149.0
℄			8.20	157.4
S.P.L.		177.82	12.30	153.3

75' W of Albatross

S.P.L.			14.70	163.1
℄		165.62	18.40	147.2
N.P.L.		154.02	11.20	142.8

POSTED

100' W of Albatross

N.P.L.		143.49	12.30	131.2
℄		154.02	12.20	141.8
S.P.L.		177.82	17.90	159.9

125' W. of Albatross

S.P.L.			17.80	160.0
℄		154.02	12.30	141.7
N.P.L.		143.49	18.10	125.4

150' W of Albatross

N.P.L.			22.80	120.7
℄		154.02	11.80	142.2
S.P.L.		177.82	17.40	160.4

175' W of Albatross

S.P.L.		165.62	9.10	156.5
℄		154.02	14.20	139.8
N.P.L.		143.49	20.70	122.8
		177.82	12.77	165.05
	0.57	165.62	13.00	152.62
	1.40	154.02		

200' W of Albatross = E.L. Brandt

N.P.L.		143.49	23.00	120.0
℄		143.49	9.10	134.4
S.P.L.		154.02	7.70	146.3

Brandt = 80'

℄ of Brandt

S.P.L.			16.00	138.0
℄		132.24	7.90	124.3
N.P.L.		120.02	9.50	110.5

W.P.L. of Brandt

N.P.L.		107.22	10.20	97.0
℄		132.24	18.50	113.7
S.P.L.		143.49	11.52	131.97

T.P.

25' W. of Brandt

S.P.L.		132.24	10.40	121.8
℄		120.02	12.10	107.9
N.P.L.		107.22	14.80	92.4
		154.02	12.94	141.08
	2.41	143.49	12.89	130.60
	1.64	132.24	12.91	119.33
	0.69	120.02	12.93	107.09
	0.13	107.22		

POSTED

50' W of Brandt

N.P.L.		94.51	8.10	86.4
℄		107.22	9.00	98.2
S.P.L.		120.02	7.60	112.4

75' W of Brandt

S.P.L.			14.30	105.7
℄		107.22	15.00	92.2
N.P.L.		94.51	13.60	80.9

100' W of Brandt

N.P.L.			14.20	80.3
℄		107.22	18.60	88.6
S.P.L.			7.90	99.3

125' W of Brandt

S.P.L.			9.30	97.9
℄		94.51	8.60	85.9
N.P.L.			14.20	80.3
		107.22	18.90	94.32
	0.19	94.51	1.63	92.88

150' W of Brandt

N.P.L.		94.51	12.80	81.7
℄			12.50	82.0
S.P.L.		107.22	15.20	92.0

175' W. of Brandt

S.P.L.		94.51	7.80	86.7
℄			17.50	77.0
N.P.L.			10.40	84.1

200' W. of Brandt = E.P.L. Curlew

N.P.L			7.90	86.6	Curlew = 80'
℄			20.20	74.3	
S.P.L			10.30	84.2	
			198.79	198.79	
	0.31	199.10	5.35	193.75	
T.P.	11.65	205.40	3.54	201.86	Near ℄ Ohio & Albatross
			18.08	193.32	
	0.09	193.41	12.61	180.80	
	0.04	180.84	12.73	168.11	

POSTED

				168.11	Nail in Fence post
B.M.	0.01	168.12	1.43	166.69	1st & Olive
	18.58	179.27	0.23	179.04	

Contour Levels OLIVE ST.

1st to Columbia

West Line of 1st

Olive St = 80'

N.		160.81	11.90	148.9
℄	6.03	185.07	16.70	168.4
S			1.00	184.1

25' W of 1st = 80'

S			8.50	176.6
℄		172.76	10.50	174.6
N		160.81	17.70	167.4

50' W. of 1st

N		148.47	5.40	143.1
℄		160.81	6.70	154.1
S		185.07	14.70	170.4
T.P		185.07	12.44	172.63
TP	0.13	172.76	12.61	160.15
TP	0.66	160.81		

75' W of 1st.

S		172.76	8.90	163.9
℄		160.81	13.60	147.2
N.		148.47	15.90	132.6

100' W of 1st

N			16.80	131.7
℄		160.81	16.90	143.9
S			4.60	156.2

125' W of 1st

S			9.80	151.0
℄		148.47	10.10	138.4
N		135.95	8.20	127.7

150' W. of 1st

N			12.00	123.9
℄			3.50	132.5
S		148.47	2.70	133.3
TP		160.81	12.85	147.96
	0.51	148.47	12.81	135.66
	0.29	135.95		

POSTED

175' W of 1st

S	148.47	9.90	138.6
℄	135.95	10.10	125.9
N		7.40	128.6

200' W of 1st = E.L. of Front

N		1.10	134.9
℄		9.70	126.3
S		5.40	130.5

Front = 80'

℄ of Front

S		6.10	129.8
℄		10.50	125.5
N		0.40	135.6

W.L. of Front

N	148.35	11.10	137.3
℄	135.95	12.30	123.7
S		9.20	126.8
		0.28	135.67
	12.68	148.35	

Olive

25' W of Front

S	135.95	14.20	121.7
℄		9.20	126.7
N.	148.35	8.80	139.6

50' W of Front

W		10.10	138.3
℄	135.95	9.90	126.1
S		14.70	121.2

75 W of Front

S		6.90	129.1
℄		3.80	132.2
N	148.35	3.90	132.1

100' W of Front

N	160.55	10.90	149.7
℄		7.00	153.6
S	135.95	1.50	134.5
	148.35	0.20	148.15
	12.40	160.55	

POSTED

125' W. of Front

S	148.35	8.70	139.7
℄	160.55	8.80	151.8
N		4.20	156.4

150' W. of Front

N	172.41	5.80	166.6
℄	160.55	3.20	157.4
S	135.95	2.30	133.7

175' W of Front

S	160.55	8.10	152.5
℄	172.41	1.30	171.1
N	184.56	6.00	178.6

200' W of Front = E.L. of Albatross: 8'

N		195.66	1.90	193.8
℄		184.56	5.20	179.4
S		172.41	9.30	163.1
TP		160.55	0.20	160.35
TP	12.06	172.41	0.52	171.89
TP	12.67	184.56	0.02	184.54
TP	11.12	195.66	0.15	195.51

℄ of Albatross

S		195.66	7.00	188.7 [195.51]
℄	12.60	208.11	6.20	201.9
N			3.00	205.1

W.L. of Albatross

N	2.30	205.8
℄	3.50	204.6
S	5.10	203.0

25' W. of Albatross

S	5.10	203.0
℄	4.00	204.1
N	3.20	204.9

50' W. of Albatross

N	4.30	203.8
℄	4.80	203.3
S	5.80	202.3

POSTED

Olive

75' W. of Albatross

S.		208.11	7.40	200.7
℄			6.70	201.4
N.			5.80	202.3

100' W. of Albatross

N			8.50	199.6
℄			8.80	199.3
S			9.10	199.0

125' W. of Albatross

S			10.80	197.3
℄			11.90	196.2
N.			13.80	194.3

150' W. of Albatross

N		195.77	11.60	184.2
℄		208.11	13.40	194.7
S.			12.60	195.5
T.P.			12.77	195.34
TP.	0.43	195.77	12.46	183.31 ×

175' W. of Albatross (183.31)

S		208.11	14.20	193.9
℄		195.77	5.90	190.9
N.			17.20	178.6

200' W of Albatross = E.L. of Brandt

N	1.15	184.46	13.80	170.7
℄		195.77	9.50	186.3
S			3.80	192.0

Brandt. 80'

℄ of Brandt

S			9.50	186.3
℄		184.46	7.40	177.1
N		171.61	10.80	160.8

W. L of Brandt

N		159.52	7.40	152.1
℄		184.46	16.70	167.8
S.			13.10	171.4
T.P.			12.93	171.53
	0.61	172.14		
	0.08	171.61		

POSTED

25' W of Brandt

S	171.61	7.40	164.2
℄	171.61	15.60	156.0
N	147.09	0.30	146.8

50' W of Brandt

N	147.09	5.60	141.5
℄		8.10	139.0
S	171.61	17.70	154.9

75 W of Brandt.

S	159.52	12.40	147.1
℄		17.60	141.9
N	135.92	6.90	129.0

100' W of Brandt

N		14.50	121.4
℄	147.09	12.60	134.5
S.		8.90	138.2
	172.14	12.77	159.37
0.15	159.52	13.76	146.76
0.33	147.09	11.99	135.10
0.82	135.92	12.89	123.03
0.11	123.14		

125' W of Brandt

S	135.92	8.00	127.9
℄		15.10	120.8
N		12.40	123.5

150' W. of Brandt

N	110.87	13.40	96.3
℄	123.14	13.90	109.2
S	123.14	6.90	116.2

175' W. of Brandt

S	110.87	6.90	103.8
℄		13.80	96.9
N	99.01	13.00	86.0

200' W. of Brandt = E. L. of Curlew

N	92.00	10.20	81.8
℄		10.80	81.2
S.		6.70	85.3
	123.14	12.83	110.31
0.36	110.87	12.17	98.50
0.51	99.01	10.60	88.41
3.59	92.00		

Curlew = 80'

		℄ of Curlew		
S		92.00	8.50	83.5
℄			7.20	84.8
N.			1.50	90.5
		W.L. of Curlew		
N		104.25	5.10	99.2
℄			10.50	93.8
S		92.00	3.20	88.8
		25' W of Curlew		
S		104.25	10.90	93.4
℄			2.50	101.8
N.		116.76	5.80	111.0
		50' W of Curlew		
N		129.09	8.30	120.8
℄		116.76	5.00	111.8
S			13.50	103.3
		92.00	0.08	91.92
	12.33	104.25	0.46	103.79 Lost TR 7/29/06
	12.97	116.76	0.21	116.55

		75' W of Curlew		
S		116.76	3.20	113.6 (116.55)
℄	12.54	129.09	6.50	122.6
N			0.10	129.0
		100' W of Curlew		
N		142.01	6.00	136.0
℄			12.00	130.0
S		129.09	8.60	120.5
		125' W of Curlew		
S		142.01	13.50	128.5
℄			7.20	134.8
N			0.80	141.2
		150' W. of Curlew		
N		144.73	1.10	143.6
℄			6.70	138.0
S.		142.01	8.70	136.0
		129.09	0.00	129.09
	12.92	142.01	0.24	141.77
	3.			
	3.96	144.73		

175' W of Curlew

S	144.73	8.00	136.7
℄		3.60	141.1
N		0.00	144.7

200' W of Curlew = El. Dove = 80'

N		0.20	144.5
℄		3.10	141.6
S		6.70	138.0

℄ of Dove

S		8.20	136.5
℄		6.30	138.4
N		4.20	140.5

W L. of Dove

N	132.22	5.50	126.7
℄		4.10	128.1
S		3.30	128.9
	144.73	12.92	131.81
0.41	132.22	12.89	119.33
1.08	120.41		

25' W of Dove

S	120.41	3.20	117.2
℄		6.40	114.0
N		4.70	115.7

50' W of Dove

N		18.70	102.7
℄		20.50	99.9
S		14.90	105.5
		12.78	107.63
T.P.	0.14	13.05	94.72
	107.77		

75' W of Dove

S	0.14 94.86	1.80	93.1
℄		2.80	92.1
N		4.80	90.1

E L. Horton = 80' = 96.75' W. of Dove.

N		16.80	78.1
℄		17.38	77.5
S		15.30	79.6
T.P.		12.95	81.91
	2.18 84.09		

POSTED

Olive

H.I.
73.23

		℄ Horton		
S		84.09	15.10	69.0
℄			15.70	68.4
N			15.20	68.9
T.P.			12.60	71.49 DOWN
T.P.			0.29	83.80 UP
		WL of Horton Ave		
N	1.74	73.23	12.50	60.7
℄			14.50	58.7
S			14.80	58.4
		0+25		
S			12.00	61.2
℄			10.50	62.7
N			5.80	67.4
		0+50		
N			2.80	70.4
℄			5.00	68.2
S			7.40	65.8

		0+75		
N			0.80	72.4
℄			3.30	69.9
S			5.00	68.0
		1+00		
S			2.50	70.7
℄			0.60	72.6
N	10.61	96.41	18.70	77.7
		1+25		
N			8.30	88.1
℄			10.60	85.8
S			20.00	76.4
		1+50		
S			17.80	78.6
℄			6.00	90.4
N		108.73	10.10	86.3
T.P.			0.32	96.09
	12.64	108.73		

0+50

N		171.82	4.20	167.6
℄		159.27	3.60	155.7
S			7.70	151.6
T.P.			0.13	151.14

0+75

S	12.68	171.82	11.50	160.3
℄			4.10	167.7
T.P.			0.02	167.80
N	12.34	184.14	9.60	174.5

1+00

N			3.40	180.7
℄			8.30	175.8
S			14.30	169.8

1+25

S			8.00	176.1
T.P.			0.00	184.14
℄	9.27	193.41	11.50	181.9
N			8.30	185.1

+5.10
2.50

1+75

N.		108.73	+1.10	107.6
℄			6.00	100.7
S		96.41	9.80	86.6

2+00 = E.L. of Union = 75'

S			7.30	89.1
T.P.			0.34	88.39
℄	13.01	121.40	14.40	107.0
N			2.20	119.2
			0.08	121.32
	12.52	133.84	0.00	133.84

W.L. of Union = 0+0

N	12.80	146.64	3.80	142.8
℄		133.84	3.90	129.9
S			8.20	125.6

0+25

S		146.64	8.40	138.2
℄			3.30	143.3
N		159.27	4.10	155.2
		146.64	0.18	0.46
	12.81	159.27		

		1+50		
S		193.41	12.40	181.0
℄			7.20	186.2
N			5.60	187.8
		1+75		
N			4.50	188.9
℄			7.00	186.4
S			10.60	182.8
	2+00 = F.L. State = 75'			
S			10.00	183.4
℄			7.20	186.2
N			4.90	188.5
		℄ of State		
N			7.00	186.4
℄			8.70	184.7
S			11.00	182.4

		W.L. of State = 0+0		
S		193.41	13.40	180.0
℄			11.90	171.5
N			10.60	182.8
T.P.			12.74	180.67
		0+25		
N	0.01	180.68	0.80	179.9
℄			2.10	178.6
S			3.20	177.5
		0+50		
S			5.30	175.4
℄			4.90	175.8
N			3.30	177.4
		0+75		
N			6.20	174.5
℄			6.50	174.2
S			7.40	173.3

POSTED

	1+00				
S		180.68	10.00	170.7	
℄			9.50	171.2	
N			9.80	170.9	
T.P.			12.85	167.83	
	1+25				
N	0.04	167.87	1.40	166.5	
℄			1.70	166.2	
S.			0.50	167.4	
	1+50				
S			4.40	163.5	
℄			6.30	161.6	
N			7.50	160.4	
	1+75				
N			11.60	156.3	
℄			11.40	156.5	
S			10.00	157.9	
T.P.			12.49	155.38	Rad 0+0

2+02.5 = E.L. Columbia = 75'

N		155.38	4.40	151.0	
℄			3.70	151.7	
S			1.90	153.5	
			12.62	142.76	
	0.25	143.01	12.63	130.38	
	0.12	130.50	12.89	117.61	
	0.14	117.75	12.51	105.24	
	0.09	105.33	8.57	96.76	9262
	2.71	99.48	6.91	92.57	
			9.38	90.10	
				201.86	near ℄ Olive + alta [illegible]
	12.74	214.60	0.43	214.17	
Palm	12.84	227.01	10.70	216.[illegible]	do
			0.29	226.72	up
	0.77	217.08			do
	12.45	239.17	0.35	238.82	
	9.89	248.71			

POSTED

Contour Levels PALM. St = 80'

1st to UNION

El. of 1st. St = 80'

S	227.01	17.80	209.2
℄		7.60	219.4
N	248.71	6.10	242.6

℄ of 1st -

N		0.95	247.7 M.H.
℄	217.08	+3.20	220.3
S		10.30	206.8

W. L. of 1st = 0+0

S	227.01	9.40	217.6
℄	239.17	4.20	235.0
N	248.71	1.80	246.9

0+25

N		5.20	243.5
℄	239.17	7.10	232.1
S	227.01	9.50	217.5

0+50

S	227.01	10.30	216.7
℄	239.17	5.60	233.6
N		7.70	231.5

0+75

N	239.17	1.20	238.0
℄		8.10	231.1
S	227.01	11.10	215.9

1+00

S		4.40	222.6
℄	239.17	4.30	234.9
N		3.10	236.1

1+25

POSTED

N		6.00	233.2
℄		5.90	233.3
S		9.70	229.5
T.P.	248.71	12.31	236.40
0.46	236.86	12.55	224.31

1+50

S		239.17	9.80	229.4
℄			7.60	231.6
N			8.40	230.8

1+75

N			10.30	228.9
℄			10.30	228.9
S			11.50	227.7

E.L. of Front = 80'

S			13.60	225.6
℄			12.50	226.7
N			12.80	226.4

℄ of Front

N	0.52	224.83	1.70	223.1
℄			1.40	223.4
S			1.50	223.3

W.L. of Front = 0+0

S		224.83	4.60	220.2
℄			3.70	221.1
N			4.00	220.8

0+25

N			5.00	219.8
℄			4.70	220.1
S			5.70	219.1

0+50

S			6.70	218.1
℄			5.40	219.4
N			6.00	218.8

0+75

N			7.00	217.8
℄			5.90	218.9
S			6.70	218.1

	H.I.	Rod	ELEV.
	1+00		
S	224.83	6.70	218.1
℄		6.20	218.6
N		7.50	217.3
	1+25		
N		8.00	216.8
℄		6.80	218.0
S		7.20	217.6
	1+50		
S		8.50	216.3
℄		7.50	217.3
N		8.90	215.9
	1+75		
N		9.70	215.1
℄		8.30	216.5
S		8.70	216.1

H.I.
224.83

Palm

	2+00 = E.L. Albatross = 80'			
S			9.50	215.3
℄			9.10	215.7
N			9.90	214.9
	℄. Albatross			
~~S~~ N			10.50	214.3
℄			9.90	214.9
~~S~~ S			10.30	214.5
	W.L. Albatross = 0+0			
~~S~~ S			15.60	209.2
℄ T.P.			14.10 12.29	210.7 212.54
~~N~~ N T.P.	0.63	213.17	11.80 12.57	201.4 200.60
	0+25			
N	0.98	201.58	13.60	185.0
℄			7.20	194.4
S			10.10	191.5
			12.46	189.12
	0.17	189.29		

POSTED

0+50

S		189.29	9.00	180.3
℄			9.40	179.9
N			15.80	173.5
T.P.			12.49	176.80

0+75

N	0.27	177.07	16.30	160.8
℄			9.70	167.4
S			7.90	169.2
			12.47	164.60

1+00

S	0.17	164.77	4.40	160.4
℄			6.30	158.5
N			13.60	151.2
			12.77	152.00

1+25

N	0.22	152.22	8.40	143.8
℄			1.90	150.3
S		164.77	13.20	151.6

1+50

S		152.22	8.30	143.9
℄			12.30	139.9
N			16.00	136.2
T.P.			12.69	137.53

1+75

N	0.20	139.73	9.30	130.4
℄			4.70	135.0
S			3.00	136.7

2+00 - EL. Brandt = 80'

S			10.50	129.2
℄			12.00	127.7
N			14.30	125.4
			12.76	126.97

℄ Brandt

N	0.40	127.37	10.00	117.4
℄			7.00	120.4
S			7.40	120.0
T.P.			12.64	114.73
	0.36	115.09		

W.L. Brandt

S	145.09	3.00	112.1
℄		4.80	110.3
N		5.00	110.1
	0+25		
N		9.80	109.3
℄		8.40	106.7
S		17.70	97.4
	0+50		
S		18.00	97.1
℄		11.50	103.6
N		15.30	99.8
	0+75		
N		14.50	100.6
℄		16.70	98.4
S		17.70	97.4

H.I.
115.09
1+00

S		15.40	99.7
℄		12.30	102.8
N		7.60	107.5
	1+25		
N		+0.30	115.4
℄		8.00	107.1
S		23.00	92.1
	1+50		
S		20.50	94.6
℄	127.86	12.60	115.3
N		2.70	125.2
	1+75		
N	140.56	7.30	133.3
℄	127.86	5.90	122.0
S	145.09	5.30	109.8
	~~0.25~~	0.25	144.84
13.02	127.86		

Palm

E.L. Curlew

S		127.66	9.30	118.6
℄	12.70	140.56	12.70	127.9
N			1.80	138.8

℄ Curlew

N		153.14	6.20	146.9
℄		140.56	1.80	138.8
S TP			7.30	133.3

W.L. Curlew = 0+0 = 80'

S	12.58	153.14	7.10	146.0
℄ TP			2.10	151.0
N	8.55	161.64	7.60	154.0

0+25

N			3.30	158.3
℄			6.00	155.6
S		153.14	1.70	151.4

0+50

S		161.64	6.40	155.2
℄			4.70	156.9
N			2.40	159.2

0+75

N			2.00	159.6
℄			3.30	158.3
S			5.00	156.6

1+00

S			5.20	156.4
℄			4.40	157.2
N			3.50	158.1

1+25

N			6.70	154.9
℄			7.70	153.9
S			7.80	153.8

POSTED

Palm

1+50

S		151.64	12.20	148.4
℄			11.40	150.2
N			10.80	150.8
			12.76	145.86

1+75

N	0.36	149.22	2.30	146.9
℄			3.50	145.7
S			3.70	145.5

E.L. Dore = 80'

S			8.70	140.5
℄			7.60	141.6
N			5.60	143.6

℄ Dore

N			11.90	137.3
℄			14.00	134.0
TP			12.66	136.56
S	0.44	137.00	3.10	133.9

W.L. Dore = 0+0

S		137.00	11.00	126.0
℄			8.00	129.0
N			5.60	131.4

0+25

N			9.80	125.2
℄			11.40	125.6
S			14.50	122.5
T.P.			12.93	124.07

0+50

S	0.85	124.92	7.00	117.9
℄			4.20	120.7
N			1.70	123.2

0+75

N			6.80	118.1
℄			7.90	117.0
S			11.40	113.5

Void see page 35

		1+00		
S		102.54	3.60	98.9
℄		124.92	13.10	111.8
N			11.10	113.8
T.P.			12.48	112.44
		1+25		
N	0.30	112.94	3.90	108.8
℄			5.70	107.0
S			10.00	102.7
		1+55		
S			4.80	107.9
℄			12.00	100.7
N			7.40	105.3
			13.82	99.92
		1+75		
N	0.32	100.24	1.90	98.3
℄			9.10	91.1
S			15.50	84.7
				94.7

Void See page 75

E.L. Eagle = 80'

		81.93		76.9
S		94.49	5.00	89.5
℄				85.5
N		100.24	6.70	93.54
	0.95	94.49	12.75	81.74

Void See page 75

℄ Eagle

N	0.19	81.93	5.10	76.8
℄			9.00	72.9
S			13.60	68.3

W.L. Eagle = 0+0

S			14.80	67.1
℄			15.00	66.9
N			13.80	68.1
		0+25		
N			11.20	70.7
℄			11.90	70.0
S			11.80	70.1

0 + 52 ~~12~~ = E. L. Horton #1 = 80'

S		81.93	8.00	73.9
℄			8.30	73.6
N			7.20	74.7

E. L. Horton #2 (see sketch front of book)

N			1.10	80.8	80.8
℄			3.60	78.3	78.3
S			8.00 0.00	73.9 81.93	93.9

W. L. of Horton = 0+0

S		119.78	0.00	119.8
℄ TP	12.92	132.70	0.00 0.00	132.7 132.70
N	12.72	145.42	11.90	133.5

0 + 25

N		158.25	11.60	146.7
℄		145.42	1.50	143.9
S		145.42	14.70	130.7 81.93
	12.83 12.60	94.76 107.36	0.00 0.00	94.76 107.36
	12.42	119.78	0.00	119.78

0 + 50

S		158.25	13.40	144.9
℄			2.34 0.34	156.0 157.91
N	12.88	170.79	11.00 0.30	159.0 172.79

0 + 75

N	12.81	183.30	9.60	173.7
℄		170.79	8.60	162.2
S		158.25	6.20	152.1

1 + 00

S		183.30	23.40	159.9
℄			9.50 0.00	173.8 182.30
N	11.45	194.75	9.00	185.8

1 + 25

N			2.30	192.5
℄			8.60	186.2
S		183.30 148.42	12.30 0.12	171.0 148.20
	12.95	158.25		

POSTED

Palm

		1+50		
S		194.75	14.20	180.6
℄			4.70	190.1
			0.09	194.66
N	9.15	203.81	7.60	196.2
		1+75		
N			6.00	197.8
℄		194.75	1.20	193.6
S			7.30	187.5
		E.L. of Union		
S		203.81	11.30	192.5
℄			7.20	196.6
N.			4.70	199.1
			2.88	200.93
	8.00	206.93	2.65	206.28

POSTED

B.Ms. Quince St N.W. Brs. Plg. Q + 2nd ~~236.025~~ 263.025

Hub. S.W. Eagle & Redwood 112.19

0.46	263.49	12.58	250.91
0.51	251.42	12.91	238.51

Contour Levels QUINCE ST. = 80'

1st to Horton

W.P.L. of 1st = 0+0

N		251.42	8.30	243.1
℄			8.10	243.3
S			7.40	244.0
		0+25		
S	0.04	238.55	0.20	238.4
℄			1.70	236.9
N			3.40	235.2
		0+50		
N			8.90	229.7
℄			6.40	232.2
S			5.70	232.9
		0+75		
S			8.40	230.2
℄			10.50	228.1
N			15.00	223.6

POSTED

		1+00		
N		226.27	12.50	213.8
℄			4.40	221.9
S		238.55	11.00	227.6
TP			12.67	225.18
		1+25		
S	0.39	226.27	6.70	219.6
℄			15.10	211.2
TP			12.89	213.38
N	1.26	214.64	15.00	199.6
		1+50		
N		202.17	13.40	188.8
℄		214.64	11.80	202.8
S		226.27	14.60	211.7
		1+75		
S		214.64	11.90	202.7
TP.			13.00	201.64
℄	0.53	202.17	9.70	192.5
N.			18.50	183.7
T.				
TP			12.78	189.39
	0.54	189.93	13.04	176.89
	0.49	177.38		

		2+00 = E.L. of Front		
N		202.17	17.50	184.7
℄		189.93	10.80	179.1
S		202.17	9.20	193.0
		℄ of Front		
S		189.93	12.00	177.9
℄		177.38	4.40	173.0
N		202.17	15.00	187.2
		W.L. of Front 0+0		80' ✓
N			5.50	194.7
℄		189.93	11.90	178.0
S		177.38	17.00	160.4
		0+25		
S			10.90	166.5
℄		189.93	12.20	177.7
N		202.17	4.60	197.6

		0+50			
N		202.17	2.40	199.8	
℄		189.93	8.30	181.6	
S		177.38	10.40	167.0	
		0+75			
S			11.60	165.8	
℄		189.93	0.73	189.2	
N		202.17	6.50	195.7	
		1+00			
N			14.70	187.5	
℄		189.93	11.50	178.4	
S		177.38	15.20	162.2	
TP			12.97	164.41	
		1+25			
S	0.48	164.89	8.30	156.6	
℄		177.69	10.20	167.5	
N			+4.00	181.7	
		164.89	12.99	151.90	D
			0.12	164.77	U
	8.09	151.99			D
	12.92	177.69			U

		1+50			
N		177.69	2.60	175.1	166.00
℄		164.89	2.50	162.4	
S			12.90	152.0	
		1+75			
S			16.50	148.4	
℄			6.60	158.3	
N		177.69	9.30	168.6	
	2+00 = E.L. Albatross				
N			11.70	166.0	
℄		164.89	11.89	153.0	
S		151.99	7.30	144.7	
	℄ of Albatross				
S			11.20	140.8	
℄		164.89	16.10	148.9	
N			6.00	159.0	

POSTED

W. L. Albatross

N	164.89	5.40	159.5
℄		16.90	148.0
S	151.99	15.60	136.4
	0+85		
S		17.50	134.5
℄	164.89	12.70	152.2
N		1.30	163.6
	0+50		
N	177.69	10.30	167.4
℄	164.99	11.40	153.2
S	140.08	8.10	132.0
	0+75		
S		14.30	125.8
℄	152.65	4.00	148.7
N	177.69	12.10	165.6
T.P			164.77
	0.22	164.99	151.99
	0.75	152.65	12.67	139.98
	0.10	140.08	

	1+00		
N	164.99	12.00	153.0
℄	152.65	9.90	142.8
S	127.13	6.40	120.7
	1+25		
S		9.40	117.7
℄	140.08	9.40	130.7
N	152.65	14.50	138.2
	1+50		
N	140.08	11.90	128.2
℄		15.10	125.0
T.P.		12.95	127.13
S.	0.00	127.13	13.60	113.5
	1+75		
S		15.30	111.8
℄		11.00	116.1
N		5.80	121.3

POSTED

2+00 = E. L. Brandt = 80'

N		127.13	10.90	116.2
℄			12.10	115.0
S			10.50	116.6

℄ Brandt

S			6.10	121.0
℄			3.50	123.6
N			2.20	124.9

W. L. Brandt = 0+0

TP			0.00	127.13
N	12.79	139.92	9.20	130.7
℄			11.70	128.2
S		127.13	1.90	138.0

0 + 25

S		139.92	12.00	127.9
℄			8.80	131.1
N			5.10	134.8

0+50

N		139.92	1.40	138.5
℄			5.50	134.4
S			8.90	131.0

0+75

S			5.10	134.8
℄			2.10	137.8
TP			0.00	139.92
N	12.49	152.41	10.70	141.7

1+00

N			6.90	145.5
℄			10.30	142.1
S			12.70	139.7

1+25

S			7.10	145.3
℄			5.50	146.9
N			3.20	149.2
T.P.			0.04	152.37
	12.83	165.20		

1+50

N		165.20	12.00	153.2
℄			13.50	151.7
S			12.60	152.6

1+75

S			3.00	162.2
℄			8.30	156.9
N			8.00	157.2
TP			0.08	165.12

2+00 = E.L. Curlew = 80'

N	12.83	177.95	12.80	165.2
℄			12.60	165.4
S			3.30	174.7
T.P.			0.00	177.95

℄ of Curlew

S		203.44	10.40	193.0
℄	12.84	190.79	5.40	185.4
N			9.20	181.6
			0.03	190.76
	12.68	203.44	2.13	201.31
	1.43	202.74		

W.P.L. of Curlew = 0+0

N		202.74	0.80	201.9
℄			4.70	198.0
S			9.80	192.9

0+25

S			12.70	190.0
℄			8.10	194.6
N			4.70	198.0

0+50

N			11.00	191.7
℄			13.50	189.2
S			16.40	186.3
TP			12.88	189.86

0+75

S	0.15	190.01	8.60	181.4
℄			6.50	183.5
N			4.60	185.4

POSTED

		1+00		
N		190.21	9.20	180.8
℄			12.00	178.0
S			13.70	176.3
T.P.			12.73	177.28
		1+25		
S	0.33	177.61	8.20	169.4
℄			6.60	171.0
N			2.60	175.0
		1+50		
N			8.10	169.5
℄			11.60	166.0
S			13.00	164.6
		1+75		
S		164.88	5.90	158.9
℄			2.80	162.0
N		177.61	13.50	164.1
T.P.			12.98	164.63
	0.19	164.88		

		2+00 = El. Dove 80'		
N		164.82	6.70	158.1
℄			8.70	156.1
S			11.10	153.7
		℄ of Dove		
S		152.78	6.40	146.4
℄			5.40	147.4
N		164.82	16.30	148.5
TP			13.00	151.82
		W.L. Dove = 0+0		
N	0.96	152.78	12.90	139.9
℄			14.30	138.5
S			14.60	138.2
			12.88	139.90
		0+25		
S	0.06	139.96	5.30	134.7
℄			5.30	134.7
N			4.50	135.5

0+50

N		139.96	8.10	131.9
℄			10.30	129.7
S			9.10	130.9

0+75

S			12.90	127.1
TP			12.96	127.00
℄	0.08	127.08	1.30	125.8
N			+0.50	127.6

1+00

N			3.40	123.7
℄			7.80	119.3
S			5.50	121.6

1+25

S			12.40	114.7
℄		86.51	2.10	84.4
N		127.08	7.60	119.5
			12.75	114.33
	0.18	114.51		

1+50

N		127.08	10.30	116.8
℄		114.51	7.10	107.4
S			7.90	106.6
TP			12.62	101.89

1+75

S	0.19	102.08	5.50	96.6
℄		114.51	10.00	104.5
N		127.08	12.10	115.0

2+00 = E.L. Eagle = 80'

N		114.51	3.00	111.5
℄			10.90	103.6
S		102.08	10.20	91.9

℄ of Eagle

S		89.88	5.10	84.8
℄		102.08	9.90	92.2
N			2.50	92.6
T.P.			12.49	89.59
	0.29	89.88		

POSTED

W. L. of Eagle = 0+0

N	89.88	9.40	80.5
℄		12.50	77.4
S		18.00	71.9
	0+25		
S		15.20	74.7
℄		14.70	75.2
N		13.00	76.9
	0+50		
N		14.90	75.0
℄		15.10	74.8
S		14.00	75.9
	0+75		
S		12.30	77.6
℄		12.70	77.2
N		13.50	76.4

1+00

N	89.88	9.90	80.0
℄		8.50	81.4
S		8.00	81.9
	1+25		
S		2.50	87.4
℄		4.50	85.4
N		5.70	84.2
	1+50		
N		0.20	89.7
TP		0.00	89.88
℄	12.90	102.78	12.40	90.4
S		10.60	92.2
	1+75		
S		5.40	97.4
℄		7.90	94.9
N		6.60	94.2

2+00 = E.L. of Falcon

N		102.78	3.30	99.5
℄			3.70 0.60	99.1 102.78
TP				
S	12.79	115.57	12.50	103.1

℄ of Falcon

S			1.40	114.2
℄			6.20	109.4
N			8.50 0.00	107.1 115.57

W.L. Falcon = 0+0

N	12.45	128.02	8.00	120.0
℄			3.30 0.00	124.7 128.02
T.P.				
S	13.06	141.08	12.00	129.1

0+25

S			5.40	135.7
℄			4.80	136.3
N			12.00	129.1

263.14
12.73
250.41

0+48.92 = E.L. Horton #1

N		141.08	6.60 0.00	134.5 141.08
℄	12.19	153.27	7.00	146.3
S			9.30	144.0

E.L. Horton #2

S			9.30	144.0
℄			+1.00	154.3
N			0.00	153.3
T.P.			0.00	153.27
	12.89	166.16	0.00	166.16
	13.13	179.29	0.00	179.29
	12.56	191.85	0.01	191.84
	12.54	204.68	0.07	204.61
	6.83	211.44	5.42	206.02 263.03
	0.11	263.14	12.73	250.41
	0.19	250.60		

POSTED

Contour Levels REDWOOD ST.

1st to Albatross

B.L. of 1st = 0+00. 80'

N		250.60	8.90	241.7
℄			9.60	241.0
S			9.40	241.2
TP			12.87	237.73
		0+25		
S	0.28	238.01	+ 1.80	239.8
℄			11.30	226.7
N			8.80	229.2
			13.23	224.78
		0+50		
N	0.08	224.86	8.60	216.3
℄			8.50	216.4
S		238.01	2.00	236.0
		0+75		
S			10.30	227.7
℄	0.35	212.44	4.20	208.2
N			4.90	207.5
		224.86	12.77	212.09

		1+00		
N		212.44	14.30	198.1
℄			6.10	206.3
S		224.86	5.50	219.4
		1+20		
S		212.44	2.00	210.4
			13.20	199.24
℄	0.32	199.56	0.60	198.8
N			12.90	186.7
		1+50		
N		199.56	11.60	188.0
℄			10.80	188.8
S		212.44	9.00	203.4
		1+75		
S			14.10	198.7
℄		187.15	5.00	182.2
N		199.56	11.20	188.0
			12.98	186.58
	0.57	187.15		

POSTED

Flowered

2+00 = E.L. of Front = 80'

N		199.56	13.50	186.1
℄		187.15	11.00	176.2
S		199.56	5.90	193.7

℄ of Front

S			10.00	189.6
℄		187.15	16.40	170.8
N			5.70	181.5

W.L. of Front = 0+0

N			13.00	174.2	
T.P.			13.20	173.95	#6
℄	0.45	174.40	7.00	167.4	
S		199.56	14.20	185.4	

0+25

S	187.15	3.40	183.8	
℄	174.40	9.50	164.9	
N		2.70	171.7	

0+50

N	174.40	5.20	169.2	
℄		12.00	162.4	
S	187.15	8.60	178.6	

0+75

S		11.00	176.0	
℄	174.40	15.20	169.2	
N		7.70	166.7	

1+00

N		10.00	164.4	
℄	161.97	5.60	156.4	
S	187.15	14.80	162.4	

POSTED

1+25

S	174.40	8.30	166.1	
℄	161.97	9.40	152.6	
N	174.40	12.00	162.4	
		12.99	161.41	#7
	0.56	161.97		

1+50

N	174.40	12.90	161.5
℄	161.97	11.70	150.3
S	174.40	12.30	162.1

1+75

S	161.97	5.20	156.8
℄		14.10	147.9
N	174.40	14.90	159.5

2+00 = E.L. Albatross

N		16.00	158.4
℄	161.97	15.60	146.4
S		9.30	152.7

N.W. Brs. Pig. 1st + Maple 223.99

TP	0.35	224.34	12.93	211.41
TP	0.05	211.46	12.60	198.86 #1
	0.35	199.21	13.01	186.20 #2
	0.98	187.18	13.17	174.01 #3
	0.42	174.43		

POSTED

Contour Levels FRONT ST.

100' S. of Nutmeg to Redwood.

100' S. of Nutmeg

E.	211.46	4.30	207.2
℄		5.20	206.3
W.		6.20	205.3

75' S. of Nutmeg 198.86

W	8.94	207.80	8.90	198.9
℄			2.40	205.4
E			1.00	206.8

50' S. of Nutmeg

E	199.21	5.30	193.9
℄		6.10	193.1
W.		7.90	191.3

25' S. of Nutmeg

W	187.18	6.40	180.8
℄		4.60	182.6
E		6.40	180.8

POSTED

All streets 80' wide

S.L. of Nutmeg

E	174.43	8.30	166.1
℄		8.60	165.8
W.		9.50	164.9
T.P.			

℄ of Nutmeg

W	149.53	5.30	144.2
℄		5.20	144.3
E.	162.07	15.20	146.9

N.L. of Nutmeg = 0+0

E.		3.70	158.4
℄	162.07	13.50	148.6
W.	149.53	19.10	130.4

0+25

W		149.53	8.80	140.7
℄		162.07	9.30	152.8
				160.97 #3 B
E.	5.38	166.35	3.60	162.8
		174.43	13.16	161.27 #4
	0.40	162.07	12.92	149.15 #5 A
	0.38	149.53	12.99	136.54 #6 A

0+50

E.	166.35	2.30	164.1
℄	162.07	8.50	153.6
W.	149.53	7.60	141.9

0+75

W		12.20	137.3
℄	162.07	11.50	150.6
E.	166.35	2.90	163.5

1+00

E.		6.60	159.8
℄	162.07	14.00	148.1
W.	149.53	12.50	137.0

1+25

W		11.90	137.6
℄	162.07	13.00	149.1
E.	166.35	6.30	160.1

POSTED

N. of Nutmeg

	1+50			
E.	166.35	4.50	161.9	
℄	162.07	13.20	148.9	
W	149.53	11.90	137.6	
	1+75			
W		14.30	135.2	
℄	162.07	12.70	149.4	
E.	166.35	2.70	163.7	
	2+00			
E		5.00	161.4	
℄	162.07	16.00	146.1	
W.	149.53	17.20	132.3	
	2+25			
W	137.17	7.70	129.5	
℄	149.17	7.00	142.2	
E	166.35	13.70	142.7	
TP #5 B	162.07	1.10	160.97	UP. Near 1+75
TP #6 B.		13.01	149.06	do.
	0.11	149.17	12.97	136.20 #7
	0.97	137.17		

	2+50		
E.	149.17	3.00	146.2
℄		11.70	137.5
W.	137.17	8.40	128.8
	2+75		
W		9.40	127.8
℄	149.17	16.70	122.5
E.		10.40	138.8
	3+00 = S.L. of Olive		
E.	137.17	10.80	126.4
℄		7.30	129.9
W.		5.40	131.8
	℄ of Olive		
W		13.40	123.8
℄		13.20	124.0
E		11.60	125.6

N.L. of Olive = 0+00

E.		149.17	14.40	134.8
℄			13.70	135.5
W.			11.90	137.3
		0+25		
W			4.60	144.6
℄			9.20	140.0
E.			11.40	137.8
		0+50		
E.			8.10	141.1
℄			3.50	145.7
W.	18.61	161.67	11.90	149.8
		0+75		
W			7.90	153.8
℄		149.17	0.40	148.8
E.			1.70	147.5

		1+00		
E.		161.67	3.90	157.8
℄			5.00	156.7
W TP			4.00 0.25	157.7 161.42 #8
		1+25		
W	18.65	174.27	10.50	163.8
℄			7.50	166.8
E. TP			8.00 0.14	166.3 174.13 #9
		1+50		
E	13.07	187.20	10.20	177.0
℄			10.10	177.1
W		174.27	4.00	170.3
		1+75		
W		187.20	9.30 0.15	177.9 187.05 #10
℄	13.10	200.15	12.10	188.1
E			10.90	189.3

POSTED

N. of Olive

2+00

E.		212.91	11.20	201.6
℄		212.91	11.00	201.9
W.		200.15	10.70 0.47	189.5 199.68 *11

2+25

W	13.23	212.91	11.10	201.8
℄			1.70 0.24	211.2 212.67 *12
E.	13.01	225.68	11.20	214.5

2+50

E			3.10	222.6
℄			5.70	220.0
W.			9.10	216.6

2+75

W			6.00	219.7
℄			3.60	222.1
E.			0.90	224.8

3+00 = S.L. of Palm

E.	225.68	0.10	225.6
℄		2.50	223.2
W.		5.60	220.1

℄ of Palm

W	4.90	220.8
℄	2.00	223.7
E.	+ 1.20	226.9

N.L. of Palm = 0+0

E.	+ 0.40	226.1
℄	2.20	223.5
W.	4.90	220.8

0+25

W	6.00	219.7
℄	2.50	223.2
E.	0.00	225.7

POSTED

N. of Palm

	0+50		
E.	225.68	0.50	225.2
℄		3.80	221.9
W		7.10	218.6
	0+75		
W		9.10	216.6
℄		5.10	220.6
E.		0.60	225.1
	1+00		
E		1.10	224.6
℄		5.70	220.0
W.		12.90	212.8
	1+25		
W	213.18	4.90	208.3
℄	225.68	8.00	217.7
E.		2.90	222.8
		12.71	212.97 #13
0.21	213.18		

	1+50		
E	225.68	5.20	220.5
℄	218.18	1.00	212.2
W		10.20	203.0
	1+75		
W	200.49	4.60	195.9
℄	213.18	4.70	208.5
E	225.68	8.80	216.9
	2+00		
E	-	8.50	217.2
℄	213.18	6.60	206.6
W	200.49	11.00	189.5
	2+25		
W	187.65	7.60	180.1
℄	200.49	4.40	196.1
E.	213.18	1.70	211.5
		12.78	200.40 #14
0.09	200.49	12.84	187.65 #15

N.L. of Quince

E		187.90	4.50	183.4
℄			0.50 0.07	187.4 187.83 #16
W. TP	12.89	200.72	7.40 0.27	193.3 200.45 #18
		0+25		
W	12.62	213.07	8.80	204.3
℄		200.72	3.50	197.2
E.			5.40	195.3
		0+50	~~9.7~~	
E		213.07	8.20	204.9
℄			6.90 0.04	206.2 213.03 #19
W	12.68	225.71	9.40	216.3
		0+75		
W			4.70	221.0
℄			6.40	219.3
E.			6.10	219.6

POSTED

2+50

E		213.18	4.90	208.3
℄		200.49	11.30	189.2 187.68
W	0.25	187.90	16.80	171.1
		2+75		
W				
℄		187.90	2.00	185.9
E.		213.18	10.60	202.6
		3+00 = S.L. of Quince		
E		200.49	6.70	193.8
℄		187.90	9.80	178.1
W.		177.25	14.20	163.1
		℄ of Quince		
W		187.90	12.00	~~175.9~~
℄		177.25	7.70	169.6
E.		177.25	1.70	175.6
			13.23	174.67 #17
	2.58	177.25		

POSTED

N. of Quince

		1+00		
E		225.71	1.50	224.2
℄			2.00	223.7
W			2.30	223.4
		1+25		
W			0.10	225.6
			0.35	225.36 *20
℄	8.10	233.46	7.00	226.5
E			6.50	227.0
		1+50		
E			4.40	229.1
℄			5.20	228.3
W			6.40	227.1
		1+75		
W			5.10	228.4
℄			3.70	229.8
E.			3.00	230.5

POSTED

		2+00		
E		233.46	1.00	232.5
℄			2.90	230.6
W.			4.60	228.9
		2+25		
W			14.60	218.9
℄			8.40	225.1
E			1.30	232.2
			13.07	220.39 *21
		2+50		
E	0.33	220.72	3.30	217.4
℄			7.60	213.1
W			14.00	206.7
			13.17	207.55
		2+75		
W	0.28	207.83	10.50	197.3
℄			5.70	202.1
E			2.70	205.1
			13.11	194.72
	0.95	195.67		

POSTED

3+00 = S.L. of Redwood.

E	195.67	2.00	197.7
℄		5.90	189.8
W		10.30	185.4
T.P.		9.03	186.64

POSTED

263.98

6.48 290.46

Xsection of ALLEY Bet. 4th + 5th

[15' alley] from Walnut to Pennsylvania

N.L. of Walnut = 0+0

W	290.46	4.50	286.0
℄		4.40	286.1
E		4.60	285.9

0+25

E		2.50	288.0
℄		2.60	287.9
W		1.50	289.0

0+50

POSTED

W		1.70	288.8
℄		2.00	288.5
E.		2.20	288.3

0+75

E		2.10	288.4
℄		2.10	288.4
W		1.60	288.9

N. of Walnut

	1+00		
W	290.46	1.30	289.2
℄		2.00	288.5
E.		2.10	288.4
	1+25		
E		2.20	288.3
℄		2.00	288.5
W.		1.30	289.2
	1+50		
W		1.20	289.3
℄		2.00	288.5
E		1.80	288.7
	1+75		
E		1.60	288.9
℄		1.60	288.9
W		1.20	289.3
T.P.		1.16	289.30
	0.70	290.00	

	2+00		
W	290.00	0.70	289.3
℄		1.40	288.6
E.		1.80	288.2
	2+25		
E		2.60	287.4
℄		2.00	288.0
W		1.00	289.0
	2+50		
W		1.80	288.2
℄		2.80	287.2
E		3.30	286.7
	2+75		
E		4.30	285.7
℄		4.00	286.0
W		2.70	287.3

POSTED

N. of Walnut

3+00

W	290.00	4.00	286.0
℄		4.80	285.2
E		5.20	284.8

3+25

E		5.50	284.5
℄		5.30	284.7
W		4.60	285.4

3+50

W		4.90	285.1
℄		5.50	284.5
E.		6.00	284.0

3+75

E		6.50	283.5
℄		5.70	284.3
W		5.20	284.8

4+00

W	290.00	5.40	284.6
℄		6.00	284.0
E		6.60	283.4

4+25

E		7.00	283.0
℄		6.80	283.2
W		6.00	284.0

POSTED

4+50

W		6.40	283.6
℄		6.90	283.1
E		6.80	283.2

4+75

E		6.70	283.3
℄		6.80	283.2
W		6.30	283.7
TP		6.87	283.13
	5.15	288.28	

N. of Walnut

5+00

W	288.28	4.50	283.8
℄		5.20	283.1
E		5.00	283.3

5+25

E		5.00	283.3
℄		5.60	282.7
W		5.30	283.0

5+50

W		5.30	283.0
℄		5.50	282.8
E		5.10	283.2

5+75

E		5.10	283.2
℄		5.40	282.9
W		5.10	283.2

6+00 = S.L. of Brooks = 60' wide

W	288.28	5.70	282.6
℄		6.00	282.3
E.		6.00	282.2

S. Curb of Brooks

E		6.80	281.5
W.		6.55	281.7

N. Curb of Brook

W		6.55	281.7
E		6.80	281.5

N. L. of Brooks = 0+0

E.	288.28	6.00	282.3
℄		6.30	282.0
W		5.90	282.4

0+25

W		3.70	284.6
℄		4.90	283.4
E		4.00	284.3

POSTED

N of Brooks

0+50

E	288.28	4.70	283.6
℄		5.40	282.9
W		4.40	283.9

0+75

W		4.40	283.9
℄		5.90	282.4
E		5.60	282.7

1+00

E		6.10	282.2
℄		6.20	282.1
W		4.50	283.8

1+25

W		5.90	282.4
℄		6.60	281.7
E		6.50	281.8

1+50

E	288.28	6.60	281.7
℄		6.40	281.9
W		5.90	282.4

1+75

W		6.20	282.1
℄		6.50	281.8
E.		6.80	281.5

2+00

E		7.80	280.5
℄		7.10	281.2
W		6.30	282.0

2+25

W		6.00	282.3
℄		6.70	281.6
E		8.00	280.3

N. of Brooks

	2+50		
E	288.28	8.30	280.0
℄		7.40	280.9
W		7.10	281.2
	2+75		
W		7.50	280.8
℄		7.50	280.8
E		7.00	281.3
	3+00		
E		6.20	282.1
℄		7.40	280.9
W		7.60	280.7
	3+25		
W		7.40	280.9
℄		7.60	280.7
E		7.30	281.0
T.P.		7.18	281.16
	7.08	288.24	

	3+50		
E	288.24	7.30	280.9
℄		7.00	281.2
W		7.10	281.1
	3+75		
W		7.00	281.2
℄		7.10	281.1
E		7.30	280.9
	4+00		
E		7.30	280.9
℄		7.20	281.0
W		6.90	281.3
	4+25		
W		6.20	282.0
℄		6.90	281.3
E		7.30	280.9

N. of Brooks

4+50

E	288.24	7.00	281.2
℄		6.90	281.3
W		5.90	282.3

4+75

W		6.10	282.1
℄		6.30	281.9
E		6.70	281.5

5+00

E		6.30	281.9
℄		5.90	282.3
W		5.70	282.5

5+25

W		5.60	282.6
℄		5.60	282.6
E		5.80	282.4

5+50

E	288.24	5.50	282.7
℄		5.00	283.2
W		4.70	283.5

5+75

W		4.30	283.9
℄		4.60	283.6
E		5.00	283.2

6+00 = S.L. Penn.

E		4.40	283.8
℄		4.40	283.8
W		4.20	284.0

POSTED

S.C. of Penn

W		4.44	283.8
E		4.74	283.5
B.M		5.84	282.40 N.W. Bus Plg. 5th & Penn

Contour Levels ALBATROSS ST.

all sts. 80' - Maple to Redwood -

N.L. of Maple = 0+0

E.		185.35	7.30	178.1
℄ TP			11.20 / 13.21	174.2 / 172.14
W.	0.15	172.29	12.10	160.2
		0+25	[13.02	159.27
W	0.03	159.30	6.50	152.8
℄		172.29	11.70	160.6
E			2.40	169.9
		0+50		
E		159.30	5.00	154.3
℄			9.00 / 13.08	150.3 / 146.22
W	0.38	146.60	3.90	142.7
		0+75		
W			12.60	134.0
℄			7.30	139.3
E			7.10 / 13.10	139.5 / 133.50

POSTED

		1+00		(133.50)
E.	0.12	133.62	1.30	132.3
℄			4.40	129.2
W			9.70	123.9
		1+25	[13.09	120.53
W	0.18	120.71	4.80	115.9
℄		133.62	14.20	119.4
E			4.50	129.1
		1+50		
E			10.20	123.4
℄		120.71	8.00	112.7
W			12.20	108.5
		1+75		
W			16.70	104.0
℄			11.10	109.6
E			1.80	118.9

2+00 N. of Maple

E	120.71	7.80	112.9
℄		16.30	104.4
W		19.30	101.4

2+25

W		21.20	99.5
℄		18.50	102.2
E		9.70	111.0

2+50

E		11.70	109.0
℄		20.30	100.4
W		16.90	103.8

2+75

W		11.10	109.6
℄		18.90	101.8
E		12.20	108.5

3+00 = S.L. of Nutmeg

E	120.71	12.70	108.0
℄		18.00	102.7
W		5.50	115.2

℄ of Nutmeg

W	133.87	11.60	122.3
℄	120.71	15.90	104.8
E		15.80	104.9

N.L. of Nutmeg = 0+0

E		15.00	105.7
℄		10.00	110.7
W.	133.87	8.40	125.5

0+25

W		10.40	123.5
℄	120.71	5.80	114.9
E		10.80	109.9
		0.00	120.71

13.16 133.87

POSTED

Albatros

albatross 234

2+00 N. of Maple

E	120.71	7.80	112.9
℄		16.30	104.4
W		19.30	101.4

2+25

W		21.20	99.5
℄		18.50	102.2
E		9.70	111.0

2+50

E		11.70	109.0
℄		20.30	100.4
W		16.90	103.8

2+75

W		11.10	109.6
℄		18.90	101.8
E		12.20	108.5

3+00 = S.L. of Nutmeg

E	120.71	12.70	108.0
℄		18.00	102.7
W		5.50	115.2

℄ of Nutmeg

W	133.87	11.60	122.3
℄	120.71	15.90	104.8
E		15.80	104.9

N.L. of Nutmeg = 0+0

E		15.00	105.7
℄		20.00	110.7
W.	133.87	8.40	125.5

0+25

W		10.40	123.5
℄	120.71	5.80	114.9
E		10.80	109.9
		0.00	120.71

13.16 133.87

POSTED

		0+50	N. of Nutmeg		
E		120.71	4.80	105.9	
℄		133.87	8.10	125.8	
W			5.30	128.6	
		0+75	[0.00	133.87	#7]
W	12.92	146.79	8.20	138.6	
℄			10.80	136.0	
E.		133.87	9.60	124.3	
		1+00			
E		146.79	15.20	131.6	
℄			2.20	144.6	
			0.00	146.79	#8
W.	12.96	159.75	10.00	149.8	
		1+25			
W		171.14	9.40	161.7	
℄		159.75	4.20	155.6	
E			20.80	139.0	
			0.28	159.47	#9
	11.67	171.14			

		1+50			
E		159.75	19.90	139.9	
℄		171.14	6.90	164.2	
W		184.34	10.10	174.2	
		1+75			
W		197.50	12.40	185.1	
℄		171.14	5.00	166.1	
E		159.75	19.30	140.5	
		2+00			
E			13.50	146.3	
℄		171.14	2.50	168.6	
W		197.50	5.50	192.0	
		2+25			
W			0.40	197.1	
℄		184.34	9.10	175.2	
E		171.14	19.30	151.8	
TP.			0.00	171.14	#10
	13.20	184.34	0.00	184.34	#11
	13.16	197.50			

2+50 N. of Nutmeg

E	171.14	16.40	154.7
℄	184.34	3.00	181.3
W	210.65	10.60	200.1

2+75

W		8.60	202.1
℄	184.34	1.60	182.7
E	171.14	14.50	156.6

3+00 = S.L. of Olive

E		8.10	163.0	
℄	197.50	8.60 0.08	188.9 197.42	#12
W	73.23 210.65	7.60	203.1	

℄ of Olive

W		6.80	204.5
℄		8.80	201.9
E	184.34	4.30	206.4

N.L. of Olive = 0+0

E	210.65	16.90	193.8
℄		5.90	204.8
W		4.90	205.8

0+25

W		3.70	207.0
℄		4.50	206.2
E		8.90	201.8

0+50

E		5.00	205.7
℄		3.40	207.3
W		3.00	207.7

0+75

W		3.30	207.4
℄		3.20	207.5
E		3.20	207.5

POSTED

1+00 N. of Dlive

E	210.65	1.90	208.8
℄		3.00	207.7
W		3.50	207.2

1+25

W		4.70	206.0
℄		2.80	207.9
E		0.60	210.1

1+50

E		0.40	210.3
℄		2.20	208.5
W		4.60	206.1

1+75

W		3.00	207.7
℄		0.50	210.2
E	217.84	6.60	211.2
	210.65	0.26	210.39 #3
7.45	217.84		

2+00

E	217.84	5.80	212.0
℄		6.20	211.6
W	210.65	1.40	209.3

2+25

W		0.20	210.5
℄		5.20	205.5
E		4.70	206.0

2+50

E		4.00	206.7
℄		4.40	206.3
W		6.50	204.2

2+75

W		5.7	205.0
℄		3.60	207.1
E		2.90	207.8

POSTED

3+00 = S.L. of Palm

E	217.84	2.50	215.3
℄		3.00	214.8
W.		9.20	208.6

℄ of Palm

W		9.20	208.6
℄		3.00	214.8
E		2.10	215.7

N.L. of Palm = 0+0

E		3.40	214.4
℄		3.60	214.2
W		16.50	201.3

0+25

W		17.40	200.4
℄		4.70	213.1
E		5.00	212.8

0+50

E	217.84	9.30	210.5
℄		7.80	210.0
W		14.70	203.1

0+75

W		14.70	203.1
℄		11.70	206.1
E		13.50	204.3
	1+00	[13.16	204.68 #4
E	0.02 204.70	5.50	199.2
℄		5.30	199.4
W		13.90	190.8

1+25

W		13.50	191.2
℄		6.70	198.0
E	204.70	11.50	193.2
		13.01	191.69 #5
	0.18	191.87	

1+50 N. of Palm

E		191.87	8.90	183.0
			13.19	178.68
℄	0.00	178.68	4.00	174.7
W			10.30	168.3
TP		1+75	[13.06	165.62 #16]
W	0.38	165.94	7.70	158.2
℄		178.62	13.50	165.2
E			8.60	170.1
		2+00		
E		165.94	7.90	158.0
℄			8.50	157.4
TP			[13.10	152.84 #17]
W	0.64	153.45	5.00	148.5
		2+25		
W			13.40	140.1
℄			10.20	143.3
E			5.80	147.7
TP			13.11	140.37 #18
	1.65	142.02		

2+50

E		142.02	5.90	136.1
℄			8.80	133.2
W			8.90	133.1
		2+75		
W			15.10	126.9
℄			7.30	134.7
E			3.30	138.7
		3+00 = S.L. of Quince		
				140.37
F	13.22	153.59	8.90	144.7
℄			0.80	152.8
W			5.70	147.9
		℄ of Quince		POSTED
W			6.00	147.6
℄			4.80	148.8
E			0.00	153.6
			0.00	153.59 #19

N.L. of Quince 0+8

				153.59 #19
E	12.37	165.96	0.00	166.0
℄			6.80	159.2
W			3.70	162.3
		0+25	[0.07]	165.89 #20
W	12.81	178.70	5.70	173.0
℄			11.60	167.1
E			3.60	175.1
		0+50		
E		191.52	8.00	183.5
℄			12.80	178.7
W		178.80	3.00	175.8
		0+75		
W			1.70	177.1
℄		191.62	5.10	186.5
E		204.70	8.80	195.9
		178.70	12.42	166.2 #21
			0.00	176.70 #22
	12.62	191.52	0.05	191.47 #23
	13.13	204.60	0.79	203.81 #24

		1+00	[	203.81 #24
E	11.37	216.18	8.20	208.0
℄		204.60	12.00	192.6
W		178.70	1.60	177.1
		1+25		[166.28 #21]
W	8.13	174.41	+ 0.30 0.00	174.4
℄		204.60	12.40	192.2
E		216.18	1.40	214.8
		1+50		
E		204.60	1.50	203.1
℄		191.52	5.80	185.7
W		174.41	3.70	170.7
		1+75		
W			10.60	163.8
℄		191.52	10.60	180.9
E		204.60	7.10	197.5

POSTED

2+00 N. of Quince

E	191.52	0.70	190.8
℄		12.30	179.2
W	174.41	13.20	161.2

2+25

W		16.50	157.9
℄	191.52	15.80	175.7
E		8.00	183.5

2+50

E	174.41	2.60	171.8
℄		8.10	166.3
W	162.51	7.00	155.5

2+75

W		12.60	149.9
℄		5.50	157.0
E	174.41	12.00	162.4
		12.91	161.50
	1.01	162.51	

POSTED

3+00 = S. L. of Redwood

E	162.51	9.50	153.0	
℄		21.80	140.7	
W		14.30	148.2	
			120.53	*50-4 lb.
	0.35	120.88	13.00	107.88	*1
	0.53	108.41	0.40	108.01	*2
			13.11	95.30	*3

POSTED

CONTOUR LEVELS BRANT ST.

Maple to Quince - 80' Str'ts.

N. L. of Maple = 0+0

					*2
E	1.92	120.93	0.50	120.4	
℄			10.50	110.4	
W		108.41	11.60	96.3	
		0+25			
				95.30	*3
N	1.08	96.38	5.70	90.7	
℄		108.41	4.40	104.0	
E		120.93	7.40	113.5	

POSTED

0+50 N. of Maple

E	108.41	6.20	102.2
℄		13.80	94.6
W	96.38	13.00	83.4

0+75

W	96.38	7.80	88.6
℄		10.90	85.5
E	108.41	15.20	93.2

1+00

E	96.38	8.80	87.6
℄		7.10	89.3
W	108.41	15.10	93.3

1+25

W		10.10	98.3
℄		13.10	95.3
E	96.38	5.80	90.6

1+50

E	108.41	10.90	97.5
℄		7.20	101.2
W		1.90	106.5

1+75

W	120.93	4.20	116.7
℄	108.41	1.00	107.4
E.		4.60	103.8

2+00

E	120.93	6.40	114.5	
℄		6.30	114.6	
		0.00	120.93	4
W	12.99	133.92	9.00	124.9

2+25

W	146.61	12.00	134.6
℄	133.92	8.70	125.2
E		8.00	125.9
		0.00	133.92 *5
	13.69	146.61	

POSTED

2+50

E		146.61	12.00	134.6
℄			10.50	136.1
W			3.50	143.1

2+75 [0.09 - 146.58 #6]

W	13.04	159.56	3.80	155.8
℄		146.61	1.20	145.4
E			2.30	144.3

3+00 = S.L. of Nutmeg

E		159.56	6.10	153.5
℄			0.00	159.6
			0.08	159.48 #7
W	12.67	172.15	2.60	169.6

℄ of Nutmeg

W		184.88	4.80	180.1
℄			10.10	174.8
E		172.15	2.00	170.2
			0.02	172.13 #8
	12.70	184.88		

N.L. of Nutmeg

E		184.88	5.50	179.4
℄			2.70	182.2
W			1.40	183.5

3+25

W			0.20	184.7
℄			0.00	184.9
E			0.80	184.1
		3+50	0.62	184.26 #9
E	9.62	193.88	7.00	186.9
℄			7.60	186.3
W			8.70	185.2

3+75

W			8.30	185.6
℄			7.10	186.8
E			4.90	189.0

1+00 N of Nutmeg

E	193.88	3.60	190.3
℄		6.50	187.4
W		10.00	183.9

1+25

W		12.50	181.4
℄		6.50	187.4
E		2.90	191.0

1+50

E		2.10	191.8
℄		6.50	187.4
W		14.30	179.6

1+75

W		15.60	178.3
℄		6.80	187.1
E		2.30	191.6

2+00

E	193.88	2.30	191.6
℄		7.10	186.8
W		15.60	178.3

2+25

W		16.10	177.8
℄		7.40	186.5
E		2.20	191.7

2+50

E		2.00	191.9
℄		7.20	186.7
W		16.90	177.0

POSTED

2+75

W		18.60	175.3
℄		8.00	185.9
E		1.80	192.1

3+00 = S.L. of Olive

E		193.88	1.90	192.0
℄			7.70	186.2
W		180.91	9.50	171.4

℄ of Olive

W			14.60	166.3
℄		193.88	17.00	176.9
E			9.80	184.1

N.L. of Olive = 0+0

			13.13	180.73 #10
E	0.18	180.91	10.20	170.7
			13.13	167.78 #11
℄	0.32	168.10	7.40	160.7
W			16.20	151.9

0 + 25

W		155.27	11.20	144.1
℄			4.40	150.9
E		168.10	8.40	159.7
			13.24	154.86 #12
	0.41	155.27		

0+50

E		155.27	2.40	152.9
℄			12.70	142.6
			13.06	142.21 13
W	0.18	142.39	8.80	133.6

0+75

W			24.50	117.9
℄			8.70	133.7
E		155.27	10.80	144.5

1+00

E			1.40	153.9
℄			15.90	139.4
W			25.50	129.8

1+25

W			24.00	131.3
℄			17.10	138.2
E			5.40	149.9

POSTED

1+50 N of Olive

E	142.39	11.20	131.2
℄		12.00	130.4
W		18.50	123.9

1+75

W		18.50	129.9
℄		8.70	133.7
E		4.40	138.0

2+00

E		0.50	141.9
℄		5.70	136.7
W		11.50	130.9

2+25

W		16.50	125.9
℄		4.90	137.5
E		+2.00	144.4

2+50

E	142.39	1.70	140.7
℄		14.00 / 13.01	128.4 / 129.38
W	0.46	129.84	12.90	116.9

2+75

W		16.90	112.9
℄		7.90	121.9
E	142.39	8.70	133.7

3+00 = S.L. of Palm.

E	129.84	0.90	128.9
℄		9.90	119.9
W	117.79	5.60	112.2

℄ of Palm

W		7.20	110.6
℄		11.50	106.3
E		1.50	116.3

POSTED

N.L. of Palms = 0+0

E	129.84	4.60	125.2
℄		12.60	117.2
W	117.79	7.80	110.0

0+25

W		11.00	106.8
℄	129.84	12.30	117.5
E		4.40	125.4

0+50

E		4.20	125.6
℄		13.40	116.4
W	117.79	15.00	102.8

0+75

W		15.30	102.5
℄		6.40	111.4
E	129.84	4.20	125.6

1+00

E	129.84	8.20	121.6
℄	117.79	10.70	107.1
W		10.40	107.4

1+25

W		7.60	110.2
℄		13.00	104.8
E	129.84	11.90	117.9

1+50

E		12.20	117.6
℄	117.79	12.90	104.9
W		6.00	111.8

POSTED

1+75

W	117.79	4.40	113.4
℄		12.20	105.6
E	129.84	12.80	117.0
TP		13.08	116.76

1.03 117.79

2+00

E	129.84	10.90	118.9
℄	117.79	9.80	108.0
W		2.60	115.2

2+25

W	129.84	12.90	116.9
℄	117.79	10.00	107.8
E	129.84	11.20	118.6

2+50

E	117.79	4.20	113.6
℄		7.40	110.4
W	129.84	11.60	118.2

2+75

W		6.90	122.9
℄		12.40	117.4
E	117.79	16.30	101.5

3+00 = S.L. of Quince

E	129.84	13.10	116.7
℄		8.80	121.0
W		4.70	POSTED 125.1

From p 30

Re x section Palm

from Dove to Eagle

	0.65	144.25		143.6	N.E Palm & Dove
		N.L. Dove = 0+0			
N			12.9	131.4	
℄			15.3	129.0	
S			18.3	126.0	
TP	0.86	132.33	12.78	131.47	
		0+25			
S			9.8	122.5	
℄			6.7	125.6	
N			5.1	127.2	
		0+50			
N			9.0	123.3	
℄			11.6	120.7	
S			14.40	117.9	
T.P.	2.37	122.30	12.40	119.93	

Palm

		0+75		
S		122.30	8.80	113.5
℄			5.60	116.7
N			4.10	118.2
		1+00		
N			8.50	113.8
℄			10.00	112.3
S			13.10	109.2
TP	0.36	110.22	12.44	109.86
		1+25		
S			8.40	101.8
℄			3.30	106.9
N			1.30	108.9
		1+50		
N			4.80	105.4
℄			10.50	99.7
S			14.70	95.5
T.P.	0.87	98.04	13.05	97.17

		1+75		
S		98.04	11.90	86.1
℄			5.40	92.6
N		110.22 98.04	11.80	98.4
	2+00 = E. L. Eagle			
TP	0.29	85.32	13.01	85.03
N		98.04	4.5	93.5
℄		85.32	2.1	83.2
S			8.3	77.0

8/28/09 Hatch Move Thomas

Profile Brant St from Laurel to Maple

POSTED

Crab Stake NE Brant and Laurel	9.80	165.80		156.0
		NL Laurel		
E			8.9	156.9
Cr.			9.1	156.7
W			8.6	157.2
		50' N		
W			6.1	159.7
Cr.			6.0	159.8
	Top		2.5	163.3
E	Bottom		4.6	161.2
		100' N		
	Top		1.8	165.0
E	Bottom		2.6	163.2
Cr.			3.8	162.0
W			3.8	162.0
T.P.	4.76	167.93	2.63	163.17
		150' N		
W			4.1	163.8
Cr.			4.4	163.5
	Top		1.7	166.2
E	Bottom		3.9	164.0
		175' N		
	Top		1.6	166.3
E	Bottom		3.5	164.4

POSTED

		162.93		
Cr.			3.9	164.0
W			4.5	163.4
		200' N.		
W			7.2	160.7
C			4.2	163.7
E	Top		1.3	166.6
	Bottom		3.1	164.8
		225 N		
E	Top		2.3	165.6
	Bottom		3.1	164.8
Cr			4.8	163.1
W			14.6	153.3
		250 N		
E			4.0	163.9
Cr			12.1	155.8
		275' N		
E	Top of wall		7.2	160.7
	Bottom		14.8	157.1
T.P.	042	155.37	12.98	154.95

		155.37		
Cr			5.2	150.2
W			16.4	139.0
		250' N.		
W			9.3	146.1
		300' N. = 51 Maple.		
E			5.8	149.6
TP	241	145.52	12.26	143.11
Cr			7.6	137.9
W			13.7	131.8
		Far Intersection Maple See P11		

174.41
12.91
161.50

#7

236.03

0.25	236.28	12.37	223.91
0.34	224.25	12.74	211.51
0.39	211.90	13.02	198.88
0.35	199.23	12.85	186.38

N.W. Brs. Plg. 5th + Walnut. 283.984
N.W. " " " + Penn 282.41
" " " " 2nd + Blackwood 265.53

223.99

0.33	224.32	12.89	211.43
0.19	211.62	13.22	198.40
0.08	198.48	13.22	185.26
0.09	185.35		

210.75
8.83
201.92

N. E. Ol. + Front

149.17	135.9
14.4	1.1
134.8	134.8

193.9
1.9
192.0 S.E

S. E. Palm + Front

225.7	239.2
1	13.6
225.6	225.6

195.8
3.8
192.0

129.44
2.89
126.95

N.W. Brs. Plg. 5th & Spruce				279.97	
5th & Thorn N.W. Brs Plg	6.56	286.53	4.65	281.88	
Fire Hyd. Star in Tab 5th & Upas	7.96	289.84	1.97	287.87	
68.44		144.73	12.70	132.03	
	0.12	132.15	12.93	119.22	
	0.14	119.36	12.13	107.23	
	+0.01	107.22	5.46	101.76	101.83
	Sph pole SW Cor			90.073	
				~~93.54~~	
		~~10~~		~~100.24~~	
	3.55	100.24	3.55	96.69	
	3.21	99.90	6.05	93.85	
	12.90	106.75	4.95	101.60	
		114.51	0.44	114.07	
	12.61	126.68	11.01	115.67	
	2.29	117.96	5.85	112.11	

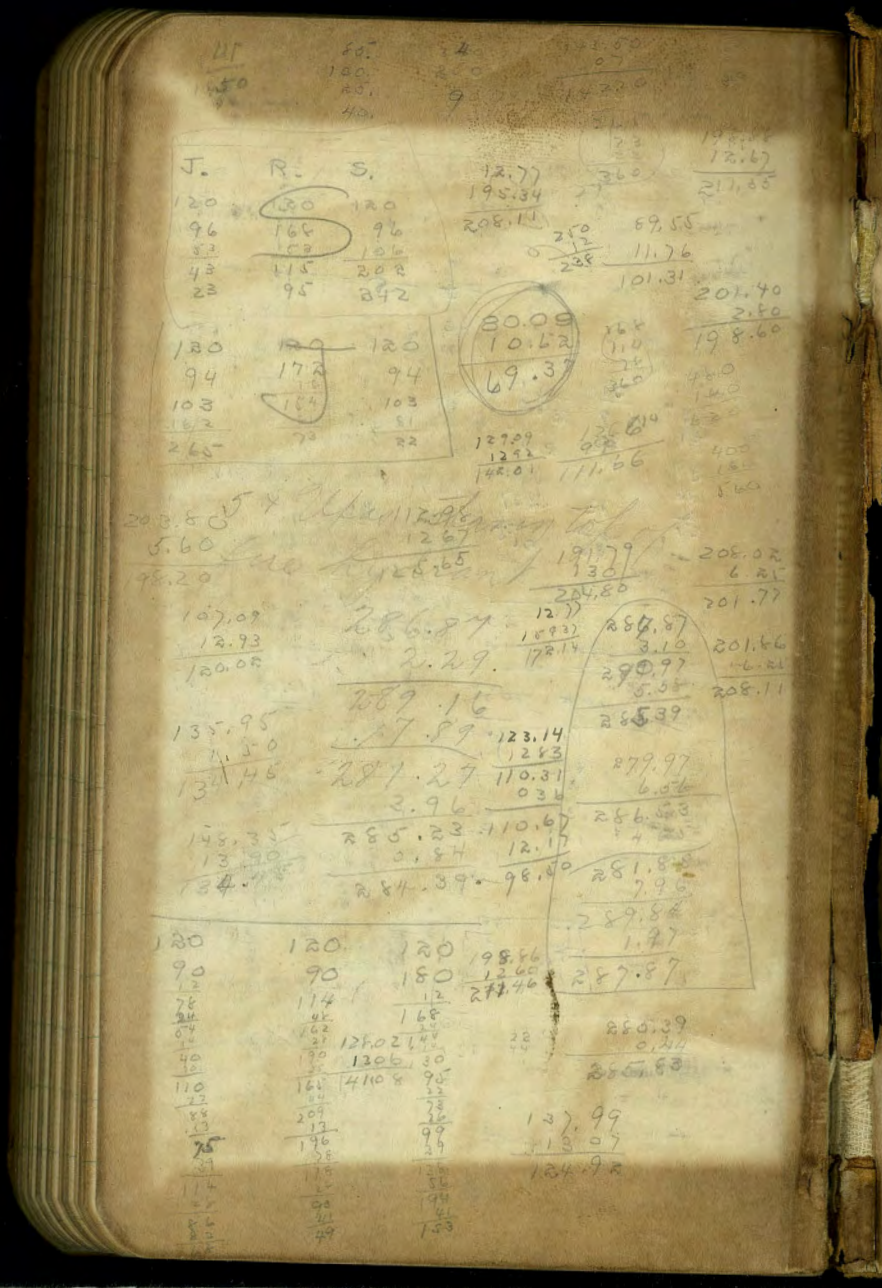
J. R. S.

J S H

T. C. W

T. C. W.

104 158 104



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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35,02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
	DEGREES		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		