Return to City Engineers Office
City Hall, San Diego, Cal.

F.B. 492

400

LEVEL

Return to City Engineers Office
City Hall, San Diego, Cal.

Crocker Quality

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

MICROFILMED DEC 11 1964

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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

45

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Jackdaw	54
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V-Section Torrence st. Kite to W.L. Marine View 11/12/09. Dunkle
" " 60' wide Shaw
B.M. Hub N.W. Kite & Torrence 267.05 Dizel

B.M.	7.38	274.43			
		W.L. Kite st			
N				7.7	266.7
crk		POSTED		7.7	266.7
1/4				7.9	266.5
M				7.9	266.7
1/4				8.1	266.3
crk				8.4	266.0
S				8.9	265.5
		0+25' W of Kite			
S				7.9	266.5
crk				7.3	267.1
1/4				7.1	267.3
M				6.9	267.5
1/4				6.8	267.6
crk				6.7	269.7
N				6.7	267.7

	274.43		
	0+50		
N		5.8	268.6
crk		5.8	268.6
11/4		5.9	268.5
M		6.0	268.4
11/4		6.2	268.2
crk		6.5	267.9
S		6.8	267.6
	0+75		
S		5.6	268.8
crk		5.3	269.1
11/4		5.1	269.3
M		4.9	269.5
11/4		4.9	269.5
crk		4.8	269.6
N		5.0	269.4

	274.43		
	1+0		
N		4.1	270.3
crk		4.0	270.4
11/4		4.0	270.4
M		4.0	270.4
11/4		4.2	270.2
crk		4.4	270.0
S		4.7	269.7
	1+25		
S		3.9	270.5
crk		3.4	271.0
11/4		3.2	271.2
M		3.0	271.4
11/4		3.0	271.4
crk		2.9	271.5
N		2.9	271.5

		274.43		
		1+50		
N			1.7	272.7
crk			1.8	272.6
"			1.9	272.5
M			1.7	272.7
"			2.0	272.4
crk			2.3	272.1
S			2.8	271.6
		1+75		
S			2.1	2723
crk			1.6	272.8
"			1.5	272.9
M			1.2	2732
"			1.2	273.2
crk			1.1	273.3
N			1.0	273.4
T. P.	2.13	275.74	0.82	273.61

		275.74		
		2+00		
N			1.9	273.8
crk			2.0	273.7
"			2.1	273.6
M			2.1	2736
"			2.4	273.3
crk			2.6	273.1
S			3.2	2725
		2+25		
S			3.0	2727
crk			2.5	273.2
"			2.4	273.3
M			1.9	273.8
"			2.0	273.7
crk			1.9	273.8
N			1.8	2739

	275.74		
	2+50		
N		1.8	273.9
crb		1.9	273.8
1/4		2.1	273.6
M		2.1	273.6
1/4		2.4	273.3
crb		2.6	273.1
S		3.1	272.6
	2+75		
S		2.8	272.9
crb		2.4	273.3
1/4		2.3	273.4
M		1.9	273.8
1/4		1.9	273.8
crb		1.7	274.0
N		1.7	274.0

	275.74		
	3+00		
N		1.9	273.8
crb		2.0	273.7
1/4		2.1	273.6
M		2.0	273.7
1/4		2.4	273.3
crb		2.5	273.2
S		2.9	272.8
	3+25		
S		3.1	272.6
crb		2.6	273.1
1/4		2.4	273.3
M		2.1	273.6
1/4		2.1	273.6
crb		2.1	273.6
N		2.0	273.7

	275.74		
	3+50		
N		2.2	273.5
crb		2.3	273.4
1/4		2.4	273.3
M		2.4	273.3
1/4		2.7	273.0
crb		2.8	272.9
S		3.2	272.5
	3+75		
S		3.7	272.0
crb		3.2	273.5
1/4		3.2	273.5
M		3.0	272.7
1/4		2.8	272.9
crb		2.8	272.9
N		2.7	273.0

	275.74		
	4+0		
N		3.4	272.3
crb		3.5	272.2
1/4		3.5	272.2
M		3.6	272.1
1/4		4.0	271.7
crb		4.0	271.7
S		4.6	271.1
	4+25		
S		6.1	269.6
crb		5.5	272.2
1/4		5.3	272.4
M		4.8	270.9
1/4		4.7	271.0
crb		4.7	271.0
N		4.7	271.0

	275.74		
	4+50		
N		6.3	269.4
crb		6.3	269.4
"4		6.4	269.3
M		6.6	269.1
"4		7.0	268.7
crb		7.6	268.1
S		8.4	267.3
	4+75		
S		11.0	264.7
crb		10.3	265.4
"4		10.1	265.6
M		9.5	266.2
"4		8.9	266.8
crb		8.5	267.2
N		8.1	267.6

	275.74		
N		11.1	264.6
crb		11.9	263.8
"4		12.4	263.3
M		12.9	262.8
"4		13.6	262.1
crb		14.3	261.4
S		14.8	260.9

X-section Puterbaugh St Kite to W.L. Marine View Hdd
" 60' wide
B.M. hub N.W. Terrence & Kite 267.05
11/13/09 Dunkle Shaw Deyril

B.M.	3.50	270.55		
		W.L. Kite		
S			8.1	262.5
crb			7.7	262.9
1/4			7.6	263.0
M			7.6	263.0
1/4			7.6	263.0
crb			7.4	263.2
N			7.6	263.0
		0+25' W of Kite		
N			6.5	264.1
crb			6.1	264.5
1/4			6.3	264.3
M			6.5	264.1
1/4			6.8	263.8
crb			6.9	263.7
S			7.2	263.4

POSTED

		270.55		
		0+50		
S			6.6	264.0
crb			6.1	264.5
1/4			6.0	264.6
M			5.8	264.8
1/4			5.6	265.0
crb			5.5	265.1
N			5.6	265.0
		0+75		
N			4.5	266.1
crb			4.3	266.3
1/4			4.5	266.1
M			4.6	266.0
1/4			4.9	265.7
crb			5.0	265.6
S			5.3	265.3

	270.55		
	1+0		
S		4.6	266.0
crb		4.3	266.3
1/4		4.2	266.4
M		4.0	266.6
1/4		3.9	266.7
crb		3.7	266.9
N		3.8	266.8
	1+25		
N		3.2	267.4
crb		3.0	267.6
1/4		3.1	267.5
M		3.3	267.3
1/4		3.5	267.1
crb		3.6	267.0
S		4.0	266.6

	270.55		
	1+50		
S		3.2	267.4
crb		2.7	267.9
1/4		2.5	268.1
M		2.3	268.3
1/4		2.2	268.4
crb		2.2	268.4
N		2.0	268.6
	1+75		
N		1.6	269.0
crb		1.7	268.9
1/4		1.8	268.8
M		2.0	268.6
1/4		2.0	268.6
crb		2.4	268.2
S		2.9	267.7

		270.55		
		2+0		
S			2.3	268.3
crb			2.0	268.6
W			1.9	268.7
M			1.7	268.9
W			1.6	269.0
crb			1.5	269.1
N			1.5	269.1
	2+20 = E.L. LARK St 50' wide			
N			1.0	269.6
crb			1.0	269.6
W			1.3	269.3
M			1.7	268.9
W			1.9	268.7
crb			2.1	268.5
S			2.4	268.2
T.P.	2.15	270.30	2.40	268.15

		270.30		
	E curb			
S			2.6	267.7
crb			2.2	268.1
W			1.9	268.4
M			1.6	268.7
W			1.3	269.0
crb			0.5	269.8
N			0.4	269.9
	E W			
N			0.8	269.5
crb			1.1	269.2
W			1.5	268.8
M			1.9	268.4
W			2.1	268.2
crb			2.3	268.0
S			2.8	267.5

270.30

Center

S	3.2	267.1
Crb	2.6	267.7
1/4	2.4	267.9
N	2.0	268.3
1/4	1.6	268.7
Crb	1.4	268.9
N	1.3	269.0

W 1/4

N	1.6	268.7
Crb	1.6	268.7
1/4	2.0	268.3
N	2.3	268.0
1/4	2.6	267.7
Crb	2.9	267.4
S	3.5	266.8

270.30

N Curb

S	3.7	266.6
Crb	3.2	267.1
1/4	2.9	267.4
N	2.6	267.7
1/4	2.3	268.0
Crb	1.9	268.4
N	1.7	268.6

W.L. Lark.

N	2.0	268.3
Crb	2.2	268.1
1/4	2.7	267.6
N	3.0	267.3
1/4	3.4	266.9
Crb	3.7	266.6
S	4.2	266.1

270.30

0+25 W of Lark

S	5.6	264.7
crb	5.0	265.3
"g	4.5	265.8
N	4.1	266.2
"g	3.6	266.7
crb	3.2	267.1
N	3.2	267.1

0+50

N	4.3	266.0
crb	4.4	265.9
"g	4.8	265.5
N	5.2	265.1
"g	5.8	264.5
crb	6.4	263.9
S	6.9	263.4

270.30

0+75

S	8.5	261.8
crb	7.6	262.7
"g	7.0	263.3
N	6.5	263.8
"g	6.0	264.3
crb	5.5	264.8
N	5.4	264.9

1+0

N	7.1	263.2
crb	7.2	263.1
"g	7.6	262.7
N	8.1	262.2
"g	8.6	261.7
crb	9.2	261.1
S	10.0	260.3

		270.30		
		1+25		
S			12.7	257.6
Crb			11.6	258.7
"9			11.1	259.2
M			10.6	259.7
"9			10.3	260.0
Crb			9.6	260.7
N			9.6	260.7
T.P.	1.79	259.69	12.40	257.90
		1+50		
N			2.1	257.6
Crb			2.3	257.4
"9			2.8	256.9
M			3.2	256.5
"9			3.8	255.9
Crb			4.9	254.8
S			5.9	253.8

		259.69		
		1+75		
S			10.1	249.6
Crb			9.3	250.4
"9			8.6	251.1
M			8.0	251.7
"9			7.2	252.5
Crb			5.9	253.8
N			5.1	254.6
		2+0		
N			8.6	251.1
Crb			9.5	250.2
"9			10.4	249.3
M			11.2	248.5
"9			12.1	247.6
Crb			12.8	246.9
S			13.8	245.9

259.69

S		17.6	242.1
crb		16.9	242.8
1/4		15.7	244.0
M		15.0	244.7
1/4		14.5	245.2
crb		14.0	245.7
N		13.6	246.1

4-section Lark St Puterbaugh to S.L. Marine View Add. Lark 50' wide at Puterbaugh & 80' wide at S.L. of Add - see plot page

B.M. hub S.E. Lark & Puterbaugh 268.15

11/13/09 Dunkle Shaw Doyle

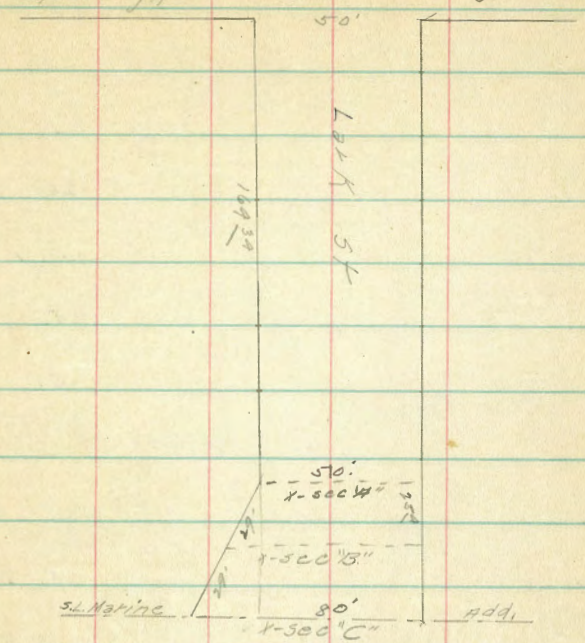
B.M.	0.43	268.58		
	S.L. Puterbaugh			
E			0.4	268.2
crb			0.8	267.8
1/4			1.2	267.4
M			1.5	267.1
1/4			1.8	266.8
crb			2.0	266.6
W			2.5	266.1
	0+25 S			
W			3.6	265.0
crb			2.8	265.8
1/4			2.4	266.2
M			2.2	266.4
1/4			1.9	266.7
crb			1.6	267.0
E			1.5	267.1

POSTED

		268.58		
		0+50		
E			2.7	265.9
crb			2.7	265.9
1/4			3.0	265.6
M			3.2	265.4
1/4			3.8	264.8
crb			4.3	264.3
W			5.1	263.5
		0+75		
W			6.9	261.7
crb			6.1	262.5
1/4			5.5	263.1
M			5.0	263.6
1/4			4.4	264.2
crb			3.9	264.7
E			3.6	265.0

	268.58		
	1+0		
E		4.8	263.8
crb		5.3	263.3
1/4		6.1	262.5
M		6.9	261.7
1/4		7.7	260.9
crb		8.3	260.3
W		9.5	259.1
	1+25		
W		12.0	256.6
crb		10.8	257.8
1/4		9.9	258.7
M		9.3	259.3
1/4		8.4	260.2
crb		7.6	261.0
E.		6.8	261.8

Pittsburgh St



1+64.34 = X-sec "A"

E.			9.7	258.9
crb			11.5	257.1
1/4			12.6	256.0
M			13.5	255.1
1/4			14.4	254.2
crb			15.6	253.0
W			18.0	250.6
T.P.	1.98	257.73	12.83	255.75

257.73

1+89.8 = x-sec B

W		22.0	235.7
crb		17.6	240.1
1/4		12.1	245.6
M		9.9	247.8
1/4		5.3	252.4
crb		3.8	253.9
E		2.6	255.1

x-section "C"

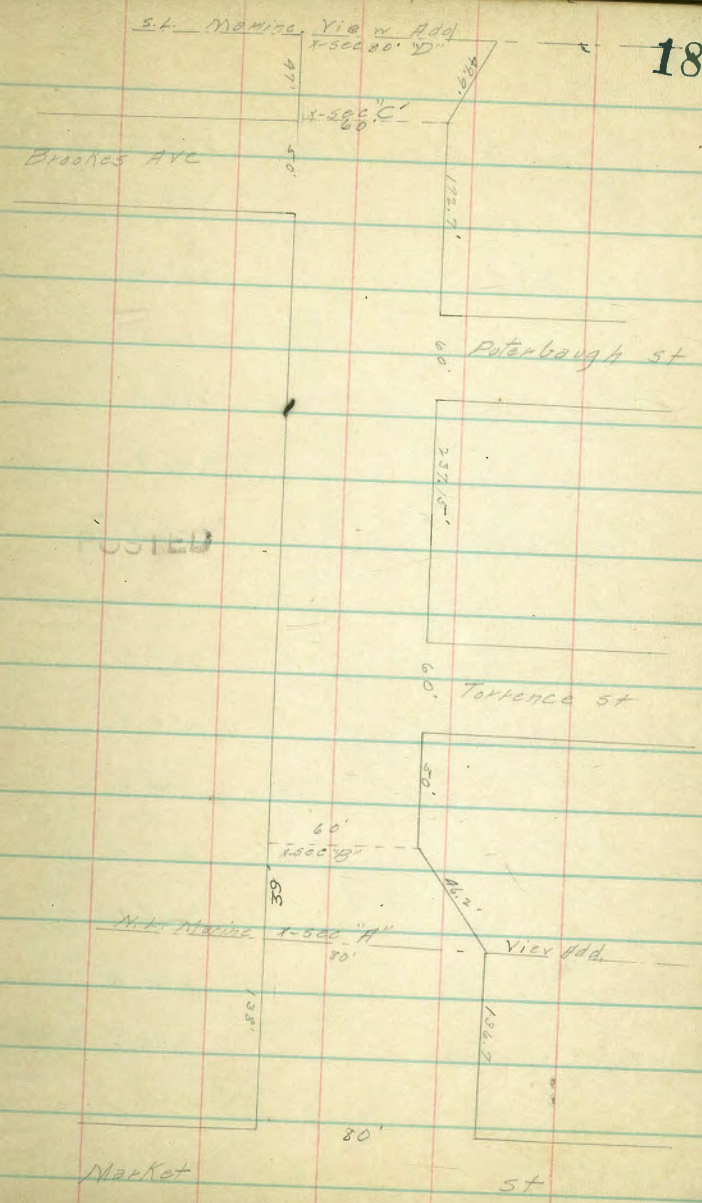
E		4.5	253.2
crb		6.3	251.4
1/4		8.6	249.1
M		14.4	243.3
1/4		21.3	236.4
crb		27.6	230.1
W		31.8	225.9

x-section Kite St S.L. Market to S.L. Marine View Add. Dunkle
for width of Kite see plot Page 18 11/15/09 Shaw
Dezel

B.M. tab N.W. Kite & Torrence				267.05	
B.M.	5.38	272.43			
		S.L. Market St			
W			2.9	269.5	
Crb			3.1	269.3	
1/4			3.4	269.0	
M			3.7	268.7	
1/4			3.8	268.6	
Crb	POSTED		3.9	268.5	
E			4.4	268.0	
		0+25 S. of Market			
E			4.4	268.0	
Crb			4.2	268.2	
1/4			4.0	268.4	
M			3.6	268.8	
1/4			3.2	269.2	
Crb			3.0	269.4	
W			2.8	269.6	

		272.43			
		0+50			
W			2.9	269.5	
Crb			3.1	269.3	
1/4			3.5	268.9	
M			3.8	268.6	
1/4			4.1	268.3	
Crb			4.4	268.0	
E			4.8	267.6	
		0+75			
E			5.1	267.3	
Crb			4.8	267.6	
1/4			4.5	267.9	
M			4.1	268.3	
1/4			3.7	268.7	
Crb			3.3	269.1	
W			3.0	269.4	

	272.43		
	1+0		
W		3.3	269.1
Crb		3.6	268.8
"4		4.1	268.3
M		4.6	267.8
"4		5.1	267.3
Crb		5.4	267.0
E		5.7	266.7
1+36 ± W & 1+38 E = x-section "A"			
E		6.0	266.4
Crb		5.5	266.9
"4		5.1	267.3
M		4.7	267.7
"4		4.4	268.0
Crb		3.8	268.6
W		3.2	269.2



272.43

X-Section "B"

W	4.8	267.6
Crb	5.1	267.3
"9	5.4	267.0
M	5.6	266.8
"9	6.1	266.3
Crb	6.3	266.1
E	6.9	265.5

0+50 S of X-Sec "B" = N.L. Terrace 60'

E	8.4	264.0
Crb	7.6	264.8
"9	7.1	265.3
M	6.8	265.6
"9	6.3	266.1
Crb	6.0	266.4
W	5.7	266.7

272.43

N. Curb

W	5.8	266.6
Crb	6.1	266.3
"9	6.5	265.9
M	7.0	265.4
"9	7.4	265.0
Crb	7.9	264.5
E	8.6	263.8

N "4

E	8.9	263.5
Crb	8.1	264.3
"9	7.6	264.8
M	7.2	265.2
"9	6.7	265.7
Crb	6.2	266.2
W	5.9	266.5

272.43

Center

W	5.9	266.5
crb	6.4	266.0
1/4	7.0	265.4
M	7.5	264.9
1/4	7.8	264.6
crb	8.4	264.0
E	9.3	263.1

S 1/4

E	9.5	262.9
crb	8.5	263.9
1/4	8.0	264.4
M	7.6	264.8
1/4	7.1	265.3
crb	6.5	265.9
W	6.1	266.3

272.43

S curb

W	6.4	266.0
crb	6.9	265.5
1/4	7.3	265.1
M	7.9	264.5
1/4	8.2	264.2
crb	8.9	263.5
E	9.9	262.5

S.L. Torrence St

E	10.3	262.1
crb	9.1	263.3
1/4	8.4	264.0
M	8.1	264.3
1/4	7.5	264.9
crb	7.3	265.1
W	7.0	265.4

		272.43		
		0+25 S of Torrence		
W			7.5	264.9
crb			7.5	264.9
1/4			8.0	264.4
M			8.6	263.8
1/4			9.0	263.4
crb			9.8	262.6
E			11.0	261.4
		0+50		
E			11.6	260.8
crb			10.5	261.9
1/4			9.7	262.7
M			9.2	263.2
1/4			8.5	263.9
crb			8.1	264.3
W			8.0	264.4

		272.43		
		0+75		
W			8.6	263.8
crb			8.8	263.6
1/4			9.3	263.1
M			9.9	262.5
1/4			10.5	261.9
crb			11.3	261.1
E			12.4	260.0
		1+0		
E			13.5	258.9
crb			12.2	260.2
1/4			11.3	261.1
M			10.5	261.9
1/4			9.8	262.6
crb			9.2	263.2
W			9.2	263.2
T.P.	2.28	265.68	9.03	263.40

		265.68		
		1+25		
W			2.7	263.0
Crb			2.9	262.8
1/4			3.5	262.2
M			4.4	261.3
1/4			5.2	260.5
Crb			6.0	259.7
E			7.0	258.7
		1+50		
E			6.6	259.1
Crb			5.5	260.2
1/4			4.7	261.0
M			4.1	261.6
1/4			3.5	262.2
Crb			2.9	262.8
W			2.8	262.9

		265.68		
		1+75		
W			2.6	263.1
Crb			2.8	262.9
1/4			3.3	262.4
M			3.7	262.0
1/4			4.2	261.5
Crb			4.9	260.8
E			5.7	260.0
		2+0		
E			5.0	260.7
Crb			4.3	261.4
1/4			3.6	262.1
M			3.4	262.3
1/4			3.0	262.7
Crb			2.5	263.2
W			2.4	263.3

265.68

2+37.5 = N.L. Puterbaugh 5+60'

W		
	2.5	263.2
Crb		
	2.6	263.1
W		
	3.1	262.6
M		
	3.4	262.3
W		
	3.7	262.0
Crb		
	4.1	261.6
E		
	4.7	261.0
N Curb		
E		
	5.0	260.7
Crb		
	4.3	261.4
W		
	3.9	261.8
M		
	3.7	262.0
W		
	3.3	262.4
Crb		
	2.8	262.9
W		
	2.5	263.2

265.68

N W		
	2.7	263.0
Crb		
	3.0	262.7
W		
	3.3	262.4
M		
	3.7	262.0
W		
	4.0	261.7
Crb		
	4.4	261.3
E		
	5.1	260.6
Center		
E		
	5.2	260.5
Crb		
	4.5	261.2
W		
	4.2	261.5
M		
	3.8	261.9
W		
	3.4	262.3
Crb		
	3.0	262.7
W		
	2.7	263.0

265.68

S 1/4

W	2.8	262.9
crb	3.2	262.5
1/4	3.6	262.1
M	3.9	261.8
1/4	4.2	261.5
crb	4.7	261 0
E	5.3	260.4

S curb

E	5.2	260.5
crb	4.8	260.9
1/4	4.4	261.3
M	4.1	261.6
1/4	3.7	262.0
crb	3.3	262.4
W	2.9	262.8

265.68

S.L. Poterbaugh

W	3.3	262.4
crb	3.4	262.3
1/4	3.8	261.9
M	4.3	261.4
1/4	4.6	261.1
crb	4.9	260.8
E	5.4	260.3

0+25 S of Poterbaugh

E	5.9	259.8
crb	5.6	260.1
1/4	5.2	260.5
M	4.8	260.9
1/4	4.4	261.3
crb	3.9	261.8
W	4.0	261.7

265.68

0+50

W		
	4.4	261.3
Crk		
	4.5	261.2
1/4		
	4.9	260.8
M		
	5.2	260.5
1/4		
	5.5	260.2
Crk		
	6.0	259.7
E		
	6.5	259.2

0+75

E		
	7.0	258.7
Crk		
	6.5	259.2
1/4		
	6.2	259.5
M		
	5.7	260.0
1/4		
	5.6	260.1
Crk		
	5.2	260.5
W		
	5.1	260.6

265.68

1+0

W		
	5.8	259.9
Crk		
	5.9	259.8
1/4		
	6.3	259.4
M		
	6.7	259.0
1/4		
	7.1	258.6
Crk		
	7.3	258.4
E		
	7.6	258.1

1+22 = N.L. Brooks 57 50' wide

E		
	8.4	257.3
Crk		
	8.0	257.7
1/4		
	7.7	258.0
M		
	7.3	258.4
1/4		
	6.9	258.8
Crk		
	6.6	259.1
W		
	6.3	259.4

265.68

N. curb

W	6.8	258.9
curb	6.9	258.8
¼	7.4	258.3
M	7.6	258.1
¼	8.1	257.6
curb	8.9	257.3
E	8.7	257.0

N ¼

E	9.1	256.6
curb	8.5	257.2
¼	8.3	257.4
M	7.9	257.8
¼	7.6	258.1
curb	7.1	258.6
W	6.9	258.8

265.68

Center

W	7.2	258.5
curb	7.3	258.4
¼	7.8	257.9
M	8.1	257.6
¼	8.5	257.2
curb	8.8	256.9
E	9.4	256.3

S ¼

E	9.5	256.2
curb	9.0	256.7
¼	8.7	257.0
M	8.3	257.4
¼	8.0	257.7
curb	7.4	258.3
W	7.3	258.4

265.68

S.C curve

W	7.4	258.3
crb	7.5	258.2
1/2	8.1	257.6
M	8.5	257.2
1/2	8.8	256.9
crb	9.2	256.5
E	9.9	255.8

S.L. Brookes = x-section "C"

E	10.1	255.6
crb	9.4	256.3
1/2	9.1	256.6
M	8.7	257.0
1/2	8.3	257.4
crb	7.8	257.9
W	7.6	258.1

265.68

x-section "D"

W	7.4	258.3
crb	8.0	257.7
1/2	8.5	257.2
M	9.2	256.5
1/2	9.9	255.8
crb	10.7	255.0
E	11.4	254.3

r-section Brookes st	Kite st to	E.L. Marina View Add			Dunkle
" "	50' wide			11/15/09	Shaw
B.M. hob N.W. Kite & Brookes			259.42		Dezul
B.M.	0.58	260.00			
	E.L. Kite st				
N			2.7	257.3	
Crb			3.0	257.0	
1/4			3.3	256.7	
M			3.6	256.4	
1/4			3.9	256.1	
Crb			4.2	255.8	
S			4.4	255.6	
	0+25 E of Kite				
S			5.0	255.0	
Crb			4.4	255.6	
1/4			4.1	255.9	
M			3.8	256.2	
1/4			3.4	256.6	
Crb			3.1	256.9	
N			3.1	256.9	

POSTED

		260.00		
		0+50		
N			3.8	256.2
Crb			3.7	256.3
1/4			3.8	256.2
M			4.0	256.0
1/4			4.3	255.7
Crb			4.6	255.4
S			5.5	254.5
		0+75		
S			5.4	254.6
Crb			4.8	255.2
1/4			4.7	255.3
M			4.4	255.6
1/4			4.3	255.7
Crb			4.3	255.7
N			4.5	255.5

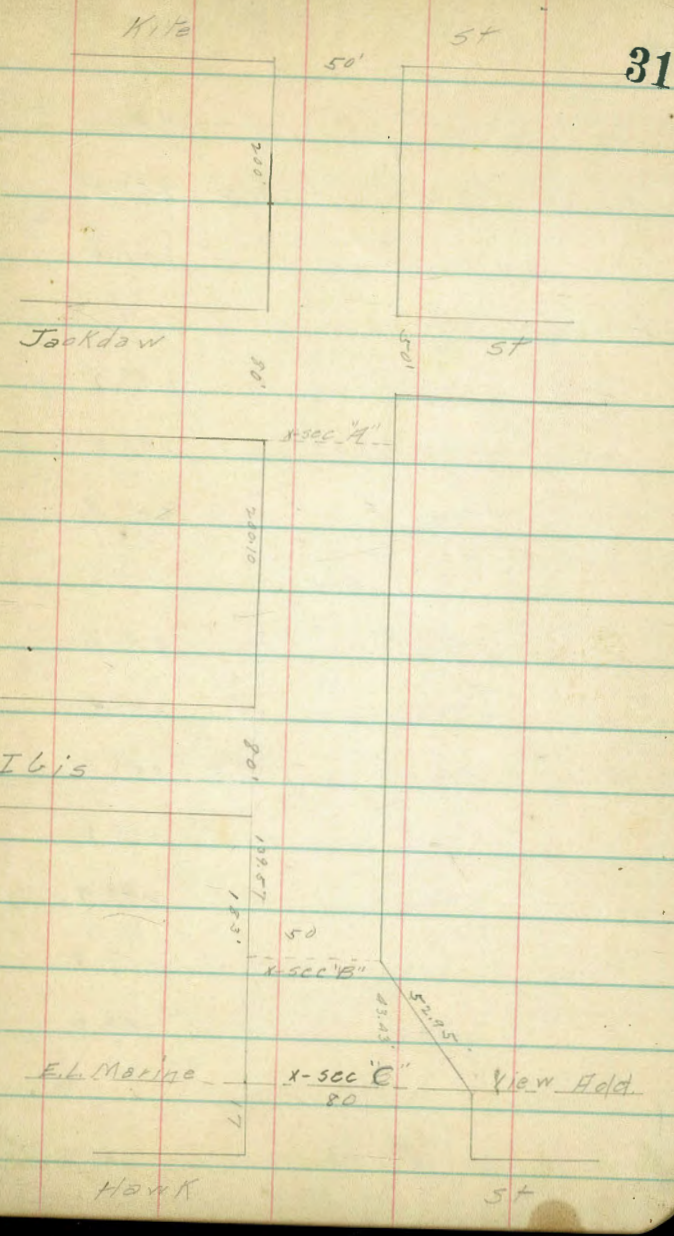
	260.00		
	1+0		
N		6.4	253.6
crk		6.1	253.9
1/4		6.0	254.0
M		5.9	254.1
1/4		5.9	254.1
crk		5.9	254.1
S		6.2	253.8
	1+25		
S		7.2	252.8
crk		7.1	252.9
1/4		7.3	252.7
M		7.3	252.7
1/4		7.3	252.7
crk		7.4	252.6
N		7.9	252.1

	260.00		
	1+50		
N		9.4	250.6
crk		9.0	251.0
1/4		8.8	251.2
M		8.6	251.4
1/4		8.6	251.4
crk		8.5	251.5
S		8.5	251.5
	1+75		
S		9.6	250.4
crk		9.6	250.4
1/4		9.8	250.2
M		9.9	250.1
1/4		10.2	249.8
crk		10.2	249.8
N		10.5	249.5

260.00

1+70 = W.L. Jackdaw. 50' wide on N & 80' wide on S

N	11.5	248.5
crk	11.0	249.0
"/"	10.9	249.1
M	10.6	249.4
"/"	10.6	249.4
crk	10.4	249.4
S	10.5	249.5
W. crk		
S	10.5	249.5
crk	10.6	249.4
"/"	10.7	249.3
M	10.7	249.3
"/"	11.0	249.0
crk	11.2	248.8
N	11.6	248.4



260.00

W W/A

N	11.7	248.3
Crb	11.2	248.8
W/A	11.0	249.0
M	10.9	249.1
W/A	10.8	249.2
Crb	10.7	249.3
S	10.6	249.4

Center

S	10.6	249.4
Crb	10.6	249.4
W/A	10.8	249.2
M	10.8	249.2
W/A	11.1	248.9
Crb	11.3	248.7
N	11.7	248.3

260.00

E W/A

N	11.6	248.4
Crb	11.2	248.8
W/A	11.0	249.0
M	10.9	249.1
W/A	10.8	249.2
Crb	10.6	249.4
S	10.7	249.3

E Curb

S	10.4	249.6
Crb	10.6	249.4
W/A	10.9	249.1
M	10.9	249.1
W/A	11.1	248.9
Crb	11.3	248.7
N	11.7	248.3

		260.00		
	E.L. Jackdaw			
N			11.7	248.3
crb			11.4	248.6
1/4			11.2	248.8
M			11.1	248.9
1/4			11.0	249.0
crb			10.6	249.4
S			10.6	249.4
	X-sec "7" see page 31			
S			10.6	249.4
crb			10.8	249.2
1/4			11.0	249.0
M			11.1	248.9
1/4			11.4	248.6
crb			11.8	248.2
N			12.4	247.6
T.P.	6.92	254.58	12.34	247.66

		254.58		
	0+25E of X-sec "A"			
N			7.2	247.4
crb			6.7	247.9
1/4			6.2	248.4
M			5.8	248.8
1/4			5.6	249.0
crb			5.4	249.2
S			5.2	249.4
		0+50		
S			5.2	249.4
crb			5.4	249.2
1/4			5.7	248.9
M			6.0	248.6
1/4			6.3	248.3
crb			6.7	247.9
N			7.1	247.5

	254.58		
	0+75		
N		7.5	247.1
Cole		6.8	247.8
"		6.4	248.2
M		6.1	248.5
"		5.7	248.9
Cole		5.4	249.2
S		5.4	249.2
	1+0		
S		5.6	249.0
Cole		5.7	248.9
"		6.1	248.5
M		6.4	248.2
"		6.7	247.9
Cole		7.2	247.4
N		8.1	246.5

	254.58		
	1+25		
N		8.7	245.9
Cole		7.9	246.7
"		7.3	247.3
M		6.8	247.8
"		6.5	248.1
Cole		5.9	248.7
S		5.7	248.9
	1+50		
S		6.0	248.6
Cole		6.3	248.3
"		6.8	247.8
M		7.3	247.3
"		7.8	246.8
Cole		8.4	246.2
N		9.0	245.6

254.58

1+75

N	9.1	245.5
Crk	8.2	246.4
W	7.5	247.1
M	7.0	247.6
W	6.5	248.1
Crk	5.9	248.7
S	5.5	249.1

2+00 = W.L. I bis St 80'

S	5.3	249.3
Crk	5.4	249.2
W	5.9	248.7
M	6.3	248.3
W	6.9	247.7
Crk	7.3	247.3
N	8.4	246.2

254.58

W. Crk

N	8.1	246.5
Crk	7.1	247.5
W	6.6	248.0
M	6.0	248.6
W	5.4	249.2
Crk	5.1	249.5
S	4.9	249.7

W W

S	4.7	249.9
Crk	4.8	249.8
W	5.1	249.5
M	5.7	248.9
W	6.2	248.4
Crk	7.0	247.6
N	7.9	246.7

254.58

Center

N	7.8	246.8
crb	6.7	247.9
"9	6.0	248.6
M	5.4	249.2
"9	4.8	249.8
crb	4.5	250.1
S	4.7	249.9

E "1

S	4.6	250.0
crb	4.4	250.2
"9	4.6	250.0
M	5.1	249.5
"9	5.8	248.8
crb	6.5	248.1
N	7.8	246.8

254.58

E. Curb

N	7.3	247.3
crb	6.2	248.4
"9	5.5	249.1
M	5.1	249.5
"9	4.6	250.0
crb	4.4	250.2
S	4.6	250.0

E.L. Ibis

S	4.8	249.8
crb	4.5	250.1
"9	4.7	249.9
M	5.1	249.5
"9	5.5	249.1
crb	6.0	248.6
N	7.0	247.6

254.58

0+25 E of E G's

N	6.6	248.0
crb	5.7	248.9
"4	5.5	249.1
M	5.1	249.5
"4	5.0	249.6
crb	4.7	249.9
S	5.0	249.6

0+50

S	5.6	249.0
crb	4.9	249.7
"4	4.9	249.7
M	5.0	249.6
"4	5.2	249.4
crb	5.4	249.2
N	6.2	248.4

254.58

0+75

N	5.8	248.8
crb	5.3	249.3
"4	5.3	249.3
M	5.4	249.2
"4	5.3	249.3
crb	5.3	249.3
S	5.8	248.8

1+0

S	6.8	247.8
crb	5.9	248.7
"4	5.7	248.9
M	5.5	249.1
"4	5.5	249.1
crb	5.4	249.2
N	5.8	248.8

254.58

1+39 57 = x-section "B"

N	6.2	248.4
crb	6.1	248.5
"g	6.2	248.4
M	6.5	248.1
"g	6.8	247.8
crb	7.3	247.3
S	8.2	246.4

x-section "C"

S	10.0	244.6
crb	8.6	246.0
"g	8.2	246.4
M	8.1	246.5
"g	8.1	246.5
crb	8.7	245.9
N	10.2	244.4

2+0 = W. L. Hawk St

N	11.7	242.9
crb	9.9	244.8
"g	9.3	245.3
M	9.2	245.4
"g	9.4	245.2
crb	9.8	244.8
S	10.7	243.9

X-section Market W.L. Jackdaw to Point 268 W of Kite Dunkle
" 80' Wide 11/15/09 Shaw Dezeil

B.M. hub	N.W. Kite B	Terrence		267.05	
B.M.	6.15	273.20			
	W. L. Jackdaw				
S			7.7	265.5	
Crb			8.2	265.0	
1/4			8.2	265.0	
M			8.5	264.7	
1/4			8.8	264.4	
Crb			9.4	263.8	
N			10.4	262.8	
	0+25 W				
N			7.7	265.5	
Crb			7.2	266.0	
1/4			6.9	266.3	
M			6.8	266.4	
1/4			6.8	266.4	
Crb			6.8	266.4	
S			6.8	266.4	

POSTED

POSTED

		273.20			
		0+50			
S			6.1	267.1	
Crb			6.1	267.1	
1/4			6.0	267.2	
M			6.0	267.2	
1/4			6.1	267.1	
Crb			6.3	266.9	
N			6.8	266.4	
	0+97.4 = E.L. Market at 80'				
N			6.6	266.6	
Crb			6.1	267.1	
1/4			5.6	267.6	
M			5.5	267.7	
1/4			5.4	267.8	
Crb			5.2	268.0	
S			5.3	267.9	

273.20

E. curb

S	4.7	268.5
Crb	4.8	268.4
"a	5.2	268.0
M	5.3	267.9
"a	5.6	267.6
Crb	5.9	267.3
N	6.3	266.9

E "a

N	6.0	267.2
Crb	5.7	267.5
"a	5.4	267.8
M	5.2	268.0
"a	5.1	268.1
Crb	4.8	268.4
S	4.6	268.6

273.20

Center

S	4.5	268.7
Crb	4.6	268.6
"a	4.6	268.6
M	4.7	268.5
"a	4.8	268.4
Crb	5.1	268.1
N	5.4	267.8

W "a

N	4.6	268.6
Crb	4.4	268.8
"a	4.3	268.9
M	4.3	268.9
"a	4.2	269.0
Crb	4.3	268.9
S	4.1	269.1

273.20

W curb

S		4.0	269.2
Crb		4.1	269.1
1/4		4.1	269.1
M		3.9	269.3
1/4		3.9	269.3
Crb		3.9	269.3
N		4.0	269.2

W.L. Market

N		3.5	269.7
Crb		3.4	269.8
1/4		3.3	269.9
M		3.5	269.7
1/4		3.7	269.5
Crb		3.6	269.6
S		3.7	269.5

273.20

0+25 W of Market

S		2.9	270.3
Crb		2.9	270.3
1/4		2.7	270.5
M		2.5	270.7
1/4		2.5	270.7
Crb		2.6	270.6
N		2.5	270.7

0+50

N		1.7	271.5
Crb		1.8	271.4
1/4		1.8	271.4
M		1.9	271.3
1/4		1.9	271.3
Crb		2.1	271.1
S		2.2	271.0
T.P.	9.56	280.61	2.15	271.05

	280.61		
	0+75		
S		8.7	271.9
Cole		8.5	272.1
"		8.4	272.2
M		8.1	272.5
"		8.1	272.5
Cole		8.2	272.4
N		8.0	272.6
	1+0		
N		7.1	273.5
Cole		7.0	273.6
"		7.2	273.4
M		7.4	273.2
"		7.5	273.1
Cole		7.6	273.0
S		7.5	273.1

	280.61		
	1+25		
S		6.4	274.2
Cole		6.6	274.0
"		6.3	274.3
M		6.2	274.4
"		6.0	274.6
Cole		5.9	274.7
N		6.1	274.5
	1+50		
N		5.0	275.6
Cole		4.9	275.7
"		4.9	275.7
M		5.0	275.6
"		5.0	275.6
Cole		5.1	275.5
S		5.2	275.4

280.61

1+75

S	4.7	275.9
Crk	4.6	276.0
1/4	4.5	276.1
M	4.3	276.3
1/4	4.3	276.3
Crk	4.2	276.4
N	4.3	276.3

2+0

N	3.8	276.8
Crk	3.9	276.7
1/4	4.1	276.5
M	4.1	276.5
1/4	4.2	276.4
Crk	4.4	276.2
S	4.5	276.1

280.61

2+25

S	4.1	276.5
Crk	3.9	276.7
1/4	3.9	276.7
M	3.8	276.8
1/4	3.7	276.9
Crk	3.5	277.1
N	3.5	277.1

2+68

N	3.3	277.3
Crk	3.3	277.3
1/4	3.3	277.3
M	3.2	277.4
1/4	3.3	277.3
Crk	3.4	277.2
S	3.7	276.9

end of Market st as platted in Windsors Addition

POSTED

x-section Sutter St E.L. Marine View Add to W.L. Jackdaw or W.L. Marine View Add. 1/7/69 Dunkle Shaw

B.M. Pole on Hawk S. of Sutter 252.75 Digit

B.M. 1.58 260.33

x-section "A"

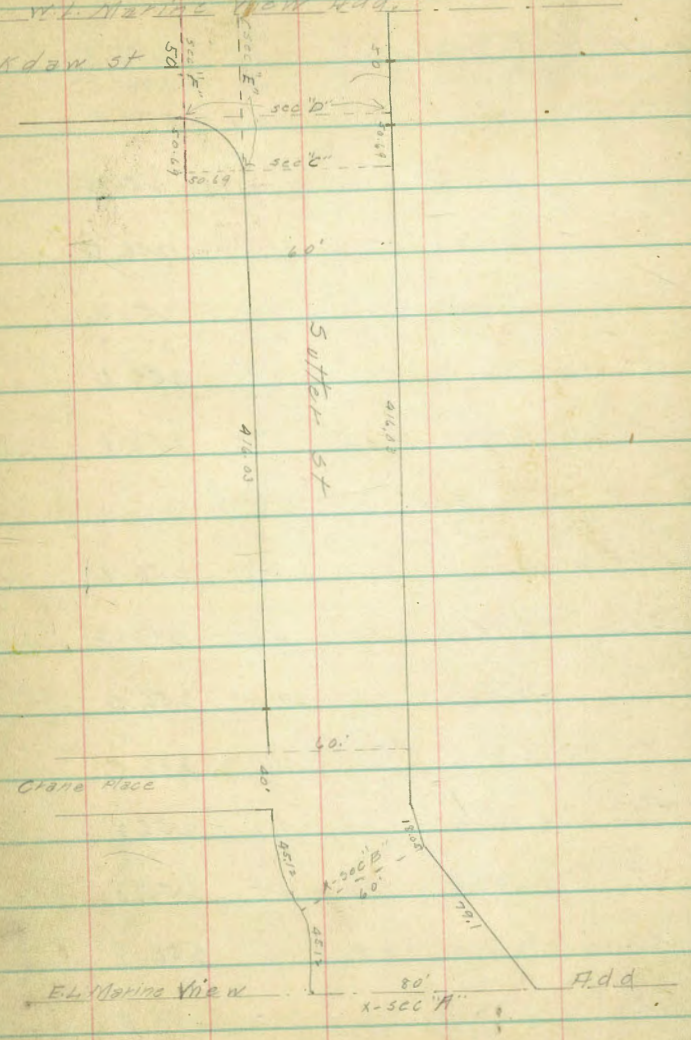
N	3.4	256.9
crb	3.8	256.5
"A	4.4	255.9
N	4.1	256.2
"A	4.1	256.2
crb	4.5	255.8
S	4.1	256.2

x-sec "B"

S	3.8	256.5
crb	3.7	256.6
+1	4.6	255.7
"A	4.2	256.1
M	3.8	256.5
"A	3.9	256.4
+9	4.4	255.9
crb	3.7	256.6
N	3.6	256.7

POSTED

W.L. Marine View Add.



260.33

E. L. Crane Place 40' wide

N	3.5	256.8
crb	3.8	256.5
+1	4.4	255.9
1/4	4.1	256.2
M	3.7	256.6
1/4	4.0	256.3
+9	4.4	255.9
crb	3.7	256.6
S	3.5	256.8

E curb

S	3.7	256.6
crb	4.1	256.2
1/4	4.3	256.0
M	3.8	256.5
1/4	4.1	256.2
+9	4.5	255.8
crb	3.8	256.5
N	3.5	256.8

260.33

E 1/4

N	3.6	256.7
crb	3.8	256.5
+1	4.5	255.8
1/4	4.1	256.2
M	3.9	256.4
1/4	4.5	255.8
crb	4.2	256.1
S	4.0	256.3

center

S	4.1	256.2
crb	4.4	255.9
1/4	4.5	255.8
M	4.1	256.2
1/4	4.1	256.2
+9	4.6	255.7
crb	3.9	256.4
N	3.7	256.6

260.33

W ¼

N	3.9	256.4
Crb	4.0	256.3
+1	4.8	255.5
¼	4.6	255.7
M	4.3	256.0
¼	4.7	255.6
Crb	4.5	255.8
S	4.3	256.0

W. curb

S	4.4	255.9
Crb	4.7	255.6
¼	4.9	255.4
M	4.3	256.0
¼	4.7	255.6
+9	5.0	255.3
Crb	4.1	256.2
N	3.9	256.4

260.33

W.L. Crane Place

N	4.3	256.0
Crb	4.4	255.9
+1	5.3	255.0
¼	4.9	255.4
M	4.7	255.6
¼	5.2	255.1
+9	5.2	255.1
Crb	4.5	255.8
S	4.4	255.9

0+25 W. of Crane Place

S	6.0	254.3
Crb	6.2	254.1
+1	6.9	253.4
¼	6.5	253.8
M	6.1	254.2
¼	6.3	254.0
+9	7.0	253.3
Crb	6.3	254.0
N	6.2	254.1

		260.33			
		0+50			
N			8.3	252.0	
crk			8.3	252.0	
+1			9.0	251.3	
1/4			8.2	252.1	
M			7.8	252.5	
1/4			8.3	252.0	
+9			8.9	251.4	
crk			8.1	252.2	
S			8.2	252.1	
		0+75			
S			10.3	250.0	
crk			10.2	250.1	
+1			10.5	249.8	
1/4			10.0	250.3	
M			9.6	250.7	
1/4			9.9	250.4	
+9			10.8	249.5	
crk			10.3	250.0	
N			10.2	250.1	
T.P.	5.46	254.47	11.32	249.01	

		254.47			
		1+0			
−10			9.7	244.8	
−4			9.5	245.0	
N.			7.5	247.0	
+4			6.1	248.4	
crk			5.9	248.6	
1/4			5.5	249.0	
M			5.3	249.2	
1/4			5.4	249.1	
crk			5.6	248.9	
S			6.4	248.1	
+15			15.7	238.8	
+25			15.6	238.9	
		1+25			
−35			31.2	223.3	
−45			32.0	222.5	
S			8.7	245.8	
+3			7.3	247.2	
crk			6.6	247.9	
1/4			6.3	248.2	
M			6.4	248.1	
1/4			6.4	248.1	
crk			6.3	248.2	
+5			6.5	248.0	
N			9.3	245.7	
+25			25.8	228.7	
+35			25.8	228.7	

	254.47		
	1+50		
− 30		20.5	234.0
− 20		22.9	231.6
N		10.0	244.5
+ 6		6.8	247.7
Crk		6.5	248.0
"		6.6	247.9
N		6.5	248.0
"		6.5	248.0
Crk		6.5	247.7
+ 5		7.3	247.2
S		10.6	243.9
+ 35		33.2	221.3
+ 50		34.5	220.0
	1+75		
− 30		24.7	229.8
− 20		22.8	231.7
S		9.8	244.7
+ 5		6.9	247.6
Crk		6.4	248.1
"		6.1	248.4
N		6.0	248.5
"		6.2	248.3
Crk		6.3	248.2
+ 5		6.5	248.0
N		8.2	246.3
+ 12		15.9	238.6
+ 22		14.2	240.3

	2+0		
N		5.9	248.6
Crk		5.5	249.0
"		5.0	249.5
N		4.7	249.8
"		4.9	249.6
Crk		4.9	249.6
+ 3		5.0	249.5
S		8.4	246.1
+ 8		13.8	240.7
+ 15		14.5	240.0
	2+25		
S		3.3	251.2
Crk		3.0	251.5
+ 1		3.4	251.1
"		3.1	251.4
N		2.9	251.6
"		3.5	251.0
+ 9		4.3	250.2
Crk		3.6	250.9
N		3.7	250.8

		254.47			
		2+50			
N			1.8	252.7	
Crk			1.6	252.9	
+1			2.3	252.2	
"9			1.4	253.1	
M			1.0	253.5	
"9			1.3	253.2	
+9			1.6	252.9	
Crk			1.0	253.5	
S			1.2	253.3	
T.P.	10.38	264.44	0.41	254.06	
		2+75			
S			9.3	255.1	
Crk			9.2	255.2	
+1			9.9	254.5	
"9			9.4	255.0	
M			9.3	255.1	
"9			9.9	254.5	
+9			10.4	254.0	
Crk			9.7	254.7	
N			9.9	254.5	

		264.44			
		3+0			
N			7.8	256.6	
Crk			7.7	256.7	
+1			8.5	255.9	
"9			8.2	256.2	
M			7.6	256.8	
"9			7.9	256.5	
+9			8.5	255.9	
Crk			7.7	256.7	
S			7.5	256.9	
		3+25			
S			6.3	258.1	
Crk			6.4	258.0	
+1			7.2	257.2	
"9			6.7	257.7	
M			6.3	258.1	
"9			6.8	257.6	
+9			6.7	257.7	
Crk			5.6	258.8	
N			5.7	258.7	

		264.49		
		3+50		
N			4.3	260.1
crb			4.4	260.0
+1			5.5	258.9
1/4			5.5	258.9
M			5.4	259.0
1/4			6.0	258.4
+9			6.3	258.1
crb			5.4	259.0
5			5.2	259.2
		3+75		
5			4.7	259.7
crb			4.8	259.6
+1			5.6	258.8
1/4			5.0	259.4
M			4.6	259.8
1/4			4.6	259.8
+9			4.8	259.6
crb			4.0	260.4
N			4.0	260.4

		4+0		
N			3.7	260.7
crb			3.8	260.6
+1			4.7	259.7
1/4			4.6	259.8
M			4.4	260.0
1/4			4.9	259.5
+9			5.3	259.1
crb			4.6	259.8
5			4.6	259.8
		4+16.03 = 1-sec "C"		
5			4.2	260.2
crb			4.5	259.9
+1			5.3	259.1
1/4			4.7	259.7
M			4.0	260.4
1/4			4.1	260.3
+9			4.6	259.8
crb			3.5	260.9
N			3.5	260.9
T.P.	3.87	264.25	4.06	260.38

264.25

I.G. 1-sec D = E.L. Jackdaw 50' wide

N	2.9	261.4
crb	3.0	261.3
+1	3.7	260.6
"4	3.6	260.7
M	4.3	260.0
"4	4.9	259.4
crb	6.0	258.3
S	9.1	255.2

E. curb Jackdaw

S	4.9	259.4
crb	4.6	259.7
"4	4.1	260.2
M	3.6	260.7
"4	3.5	260.8
+9	3.7	260.6
crb	3.0	261.3
N	2.9	261.4

E "4

N	2.8	261.5
crb	2.8	261.5
+1	3.6	260.7
"4	3.4	260.9
M	3.5	260.8
"4	4.2	260.1
crb	4.6	259.7
S	5.0	259.3

Center

S	4.9	259.4
crb	4.6	259.7
"4	4.0	260.3
M	3.5	260.6
"4	3.5	260.8
+9	3.6	260.7
crb	2.9	261.4
N	2.6	261.7

264.25

W 1/4

N		2.6	261.7
crb		2.7	261.6
+1		3.5	260.8
1/4		3.5	260.8
M		3.4	260.9
1/4		4.0	260.3
crb		4.4	259.9
S		4.9	259.4

W. curb

S		4.7	259.6
crb		4.3	260.0
1/4		3.7	260.6
M		3.4	260.9
1/4		3.3	261.0
+.9		3.5	260.8
crb		2.7	261.6
N		2.6	261.7

W. L. Jackdaw

N		2.1	262.2
crb		2.7	261.6
1/4		2.8	261.5
M		3.1	261.2
1/4		3.6	260.7
crb		3.9	260.4
S		4.4	259.9

POSTED

x-section Jackdaw sutter st to Brookes st. Dunkle
" 50' wide 11/18/09 Shaw
B.M. hub sutter & Jackdaw 260.38 Dizel

B.M. 3.87 264.25

S.L. sutter = x-section "D" Page 45

W			4.7	259.6
crb			4.7	259.6
1/4			4.9	259.4
M			4.9	259.4
1/4			4.0	260.3
crb			3.9	260.4
E			4.2	260.1

POSTED

0+50 69 of "E" S = x-sec "C" P. 45

E			9.3	255.0
crb			8.9	255.4
1/4			8.6	255.7
M			8.4	255.9
1/4			8.1	256.2
crb			7.7	256.6
W			7.3	257.0

0+25 S of x-section "C"

W			8.5	255.8
crb			8.9	255.4
1/4			9.2	255.1
M			9.4	254.9
1/4			9.8	254.5
crb			10.0	254.3
+7			10.0	254.3
E			11.2	253.1
+5			13.8	250.5
+15			14.8	249.5

POSTED

0+50

−13			17.7	246.6
−10			16.0	248.3
E			13.5	250.8
+5			11.3	253.0
crb			10.8	253.5
1/4			10.7	253.6
M			10.3	254.0
1/4			10.2	254.1
crb			9.9	254.4
W			9.6	254.7

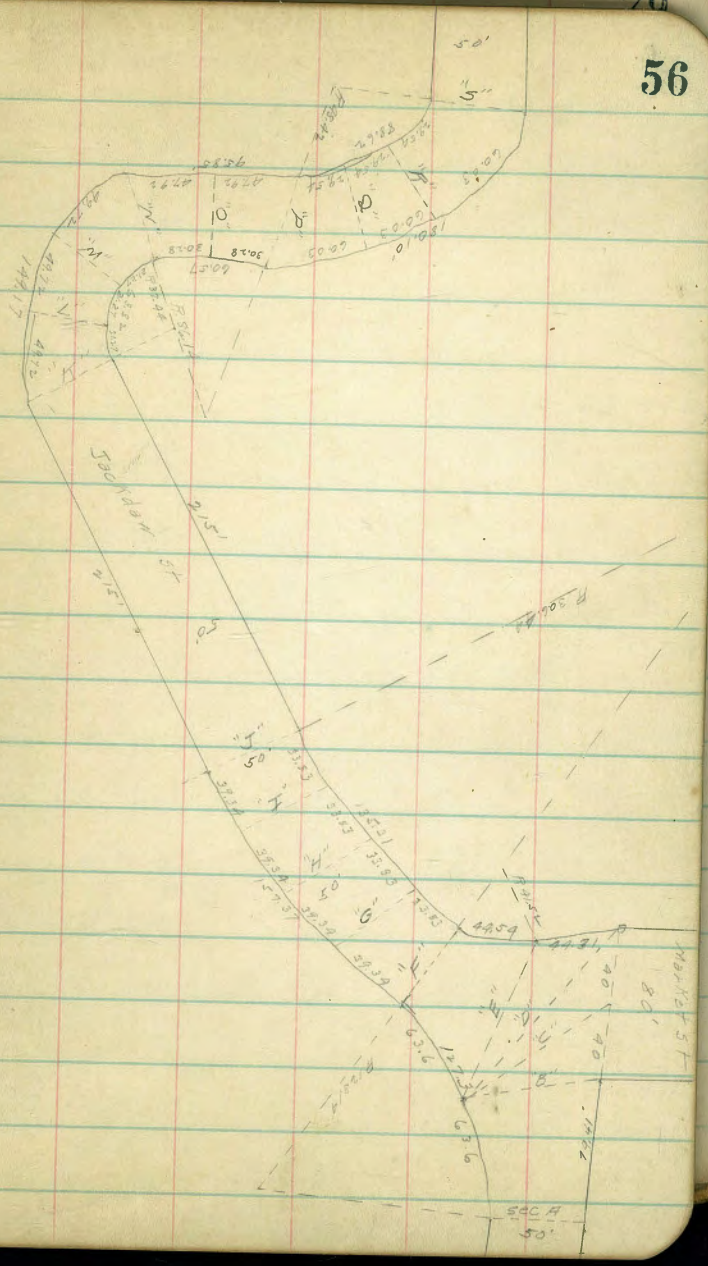
		264.25		
		0+75		
W			9.8	254.5
Crb			10.3	254.0
1/4			10.4	253.9
M			10.8	253.5
1/4			11.1	253.2
Crb			11.5	252.8
+3			11.8	252.5
E			15.6	248.7
+4			18.3	246.0
+14			20.1	244.2
		1+0		
−13			18.0	246.3
−3			17.2	247.1
E			15.2	249.1
+8			11.0	253.3
Crb			10.9	253.4
1/4			10.5	253.8
M			10.1	254.2
1/4			9.6	254.7
Crb			9.4	254.9
W			9.1	255.2

		1+25		
W			7.1	257.2
Crb			7.6	256.7
1/4			8.0	256.3
M			8.3	256.0
1/4			8.8	255.5
Crb			9.4	254.9
+7			10.1	254.2
E			11.5	252.8
+10			13.2	251.1

1+55 s of x-sec "C" P 45 = x-sec "A" P 56

E			8.7	255.6
Crb			7.3	257.0
1/4			6.8	257.5
M			6.5	257.8
1/4			6.1	258.2
Crb			6.0	258.3
W			5.6	258.7

		264.25		
	X-sec "B"			
W			1.4	262.9
Crk			2.0	262.3
1/4			2.8	261.5
M			3.4	260.9
1/4			4.2	260.1
Crk			5.3	259.0
E			6.0	258.3
T.P.	4.20	267.89	0.56	263.69
	X-sec "C"			
E			9.6	258.3
Crk			8.9	259.0
1/4			7.4	260.5
M			6.3	261.6
1/4			4.7	263.2
Crk			3.5	264.8
W			3.2	264.7



267.89

X-sec "D"

W	2.4	265.5
Crk	3.2	264.7
"4	3.9	261.0
M	5.5	267.4
"4	7.3	257.6
Crk	8.9	256.0
E	9.6	258.3

X-sec "E"

E	9.6	258.3
Crk	8.9	259.0
"4	7.8	260.1
M	6.7	261.2
"4	5.6	262.3
Crk	5.1	262.8
W	4.8	263.1

X-sec "F"

W	6.5	261.4
Crk	6.6	261.3
"4	7.0	260.9
M	7.5	260.4
"4	7.8	260.1
Crk	8.6	259.3
E	9.3	258.6

X-sec "G"

E	9.4	258.5
Crk	8.7	259.2
"4	8.5	259.4
M	7.9	260.0
"4	7.6	260.3
Crk	7.2	260.7
W	7.4	260.5

267.89

X-sec "H"

W	8.4	259.5
Crk	8.4	259.5
"	8.6	259.3
"	8.7	259.2
"	8.9	259.0
Crk	9.0	258.9
E	9.6	258.3

X-sec "I"

E	11.1	256.8
Crk	10.4	257.5
"	10.1	257.8
"	10.1	257.8
"	10.0	257.9
Crk	9.9	258.0
W	10.2	257.7

X-sec "J"

W	11.2	256.7
Crk	11.0	256.9
"	11.1	256.8
"	11.2	256.7
"	11.4	256.5
Crk	11.5	256.4
E	12.1	255.8

0+25 S of X-sec "J"

E	12.3	255.6
Crk	11.8	256.1
"	11.7	256.2
"	11.5	256.4
"	11.5	256.4
Crk	11.4	256.5
W	11.7	256.2

		267.89			
		0+50			
W			11.9	256.0	
Crk			11.4	256.5	
1/8			11.7	256.2	
M			11.8	256.1	
1/4			11.9	256.0	
Crk			12.2	255.7	
E			12.8	255.1	
		0+75			
E			12.9	255.0	
Crk			12.2	255.7	
1/4			12.0	255.9	
M			11.7	256.2	
1/4			11.5	256.4	
Crk			11.2	256.7	
W			11.5	256.4	
T.P.	2.94	259.73	11.10	256.79	

		259.73			
		1+0			
W			3.0	256.7	
Crk			3.1	256.6	
1/4			3.3	256.4	
M			3.7	256.0	
1/4			4.0	255.7	
Crk			4.4	255.3	
E			4.8	254.9	
		1+25			
E			5.2	254.5	
Crk			4.9	254.8	
1/4			4.3	255.4	
M			3.9	255.8	
1/4			3.3	256.4	
Crk			3.0	256.7	
W			3.0	256.7	

259.78

1450

W	3.3	256.4
Crb	3.1	256.6
"4	3.6	256.1
M	3.9	255.8
"4	4.5	255.2
Crb	5.1	254.6
E	5.6	254.1

1475

E	6.2	253.5
Crb	5.4	254.3
"4	4.6	255.1
M	4.0	255.7
"4	3.5	256.2
Crb	3.1	256.6
W	3.2	256.5

1715 = x-sec "K"

W	4.0	255.7
Crb	3.8	255.9
"4	4.3	255.4
M	4.6	255.1
"4	5.0	254.7
Crb	5.5	254.2
E	6.2	253.5

x-sec "L"

E	5.5	254.2
Crb	5.1	254.6
"4	4.8	254.9
M	4.4	255.3
"4	4.2	255.5
Crb	3.9	255.8
W	4.1	255.6

255.73

x-sec "M"

W	4.3	255.4
Crk	4.1	255.6
"4	4.3	255.4
M	4.3	255.4
"4	4.6	255.1
Crk	4.8	254.9
E	5.5	254.2

x-sec "N"

E	6.8	252.9
Crk	5.9	253.8
"4	5.7	254.0
M	5.1	254.6
"4	4.9	254.8
Crk	4.6	255.1
W	4.5	255.2

x-sec "O"

W	5.2	254.5
Crk	5.3	254.4
"4	5.6	254.1
M	6.1	253.6
"4	6.5	253.2
Crk	6.8	252.9
E	7.5	252.2

x-sec "P"

E	8.6	251.1
Crk	7.7	252.0
"4	7.2	252.5
M	6.9	252.8
"4	6.6	253.1
Crk	6.2	253.5
W	5.8	253.9

254.73

x-sec "D"

W		8.2	251.5
crb		7.9	251.8
"4		8.0	251.7
M		8.2	251.5
"4		8.4	251.3
crb		8.9	250.8
E		9.7	250.0

x-sec "B"

F		12.0	247.7
crb		12.0	247.7
"4		11.8	247.9
M		11.9	247.8
"4		11.9	247.8
crb		11.8	247.9
W		11.8	247.9
T.P.	1.10	247.88 12.95	246.78

247.88

x-sec "5"

W	2.8	245.1
crb	2.7	245.2
+3	3.3	244.6
"4	5.8	242.1
M	8.6	239.3
"4	7.7	240.2
crb	6.7	241.2
E	4.3	243.6

0+25 S. of x-sec "B"

—	10.7	237.2
E	12.2	235.7
crb	13.0	234.9
"4	14.1	233.8
M	15.1	232.8
"4	10.3	237.6
crb	5.4	242.5
+3	3.5	244.4
W.	3.4	244.5

	247.88		
	0+50		
W		4.0	243.9
+6		4.3	243.6
crb		6.3	241.6
1/4		11.4	236.5
M		14.8	233.1
1/4		18.5	229.4
crb		20.1	227.8
E		18.3	229.6
+15		15.9	232.0
	0+75		
−30		23.1	224.8
−15		25.1	222.8
E		24.2	223.7
crb		19.7	228.2
1/4		16.1	231.8
M		13.1	234.8
1/4		9.3	238.6
crb		5.5	242.4
W		4.7	243.2

	1+0		
W		5.2	242.7
crb		5.7	242.2
+4		6.5	241.4
1/4		8.5	239.4
M		12.2	235.7
1/4		14.7	233.2
crb		16.9	231.0
E		20.0	227.9
+40		32.0	215.9
	1+25		
−40		30.3	217.6
E		14.4	233.5
crb		11.4	236.5
1/4		10.5	237.2
M		9.3	238.6
1/4		6.2	241.7
+2		5.6	242.3
crb		5.3	242.6
W		4.7	243.2

	247.88		
	1+50		
W		3.6	244.3
crb		4.4	243.5
"4		4.9	243.0
M		6.1	241.8
"4		7.5	240.4
crb		8.7	239.2
E		10.5	237.4
+20		15.8	232.1
	1+75		
−20		12	235.9 ?
E		8.0	239.9
crb		6.6	241.3
"4		5.6	242.3
M		5.0	242.9
"4		4.5	243.4
crb		4.0	243.9
W		3.2	244.7

		2+0		
W			2.7	245.2
crb			3.4	244.5
"4			3.9	244.0
M			4.3	243.6
"4			5.0	242.9
crb			5.7	242.2
E			7.8	240.1
+20			10.5	237.4
		2+25		
E			4.4	243.5
crb			4.1	243.8
"4			3.5	244.4
M			3.3	244.6
"4			2.7	245.2
crb			2.4	245.5
W			2.1	245.8
T.P.	6.47	252.15	2.15	245.73

252.15

2450

W	5.1	247.1
Crk	5.5	246.7
"	5.9	246.3
M	6.0	246.2
"	6.3	246.9
Crk	6.5	245.7
E	6.6	245.6

2+88 S. of X-sec. "S" = N.L. Brookes

E	3.9	248.3
Crk	3.8	248.4
"	3.8	248.4
M	3.9	248.3
"	3.9	248.3
Crk	3.8	248.4
W	3.7	248.5

POSTED

X-sec- Crane Place Marine View Add 11/18/09 Dunkle Shane
" " 40' wide 258.75 Dozier

B.M. hub Hawks Sutter

B.M.	2.90	261.65		
	S.L. Sutter			
E			4.8	256.9
Crb			5.0	256.7
1/4			5.3	256.4
M			5.4	256.3
1/4			5.6	256.1
Crb			5.7	256.0
W			5.8	255.9
	50+25			
W			4.6	257.1
Crb			5.0	256.7
1/4			4.6	257.1
M			4.4	257.3
1/4			4.5	257.2
Crb			4.7	257.0
E			4.7	257.0

POSTED

	0+50			
E			5.1	256.6
Crb			5.0	256.7
1/4			4.8	256.9
M			4.6	257.1
1/4			5.0	256.7
Crb			5.1	256.6
W			4.9	256.8
	0+75			
W			5.3	256.4
Crb			5.4	256.3
1/4			5.2	256.5
M			5.0	256.7
1/4			5.1	256.6
Crb			5.4	256.3
E			5.4	256.3

1+0

E	5.6	256.1
Crb	5.5	256.2
1/4	5.7	256.0
M	5.6	256.1
1/4	5.7	256.0
Crb	5.8	255.9
W	5.8	255.9

1+25

W	6.0	255.7
Crb	6.2	255.5
1/4	6.0	255.7
M	5.9	255.8
1/4	5.9	255.8
Crb	5.6	256.1
E	5.5	256.2

1+50

E	5.9	255.8
Crb	6.0	255.7
1/4	6.2	255.5
M	6.0	255.7
1/4	6.1	255.6
Crb	6.2	255.5
W	6.2	255.5

1+80 = X-sec "A"

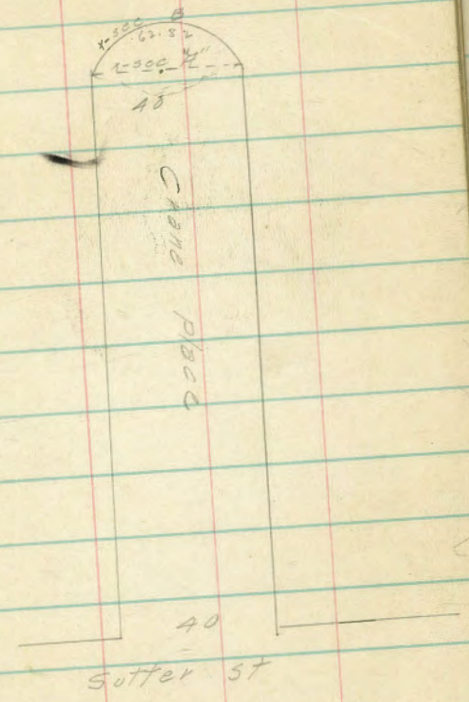
W	7.2	254.5
Crb	7.1	254.6
1/4	7.0	254.7
M	6.9	254.8
1/4	6.7	255.0
Crb	6.6	255.1
E	6.5	255.2

261.65

x-sec "B"

E	5.5	256.2
crb	7.3	254.4
1/4	7.4	254.8
M	8.5	253.2
1/4	9.4	252.3
crb	9.7	252.0
W	6.0	255.7

POSTED



= 0+00					
Sta 16+95	12.84	112.84		100.	assumed.
1			6.84	106	
+50			2.84	109	
TP	12.83	121.97	3.70	109.14	
2			9.97	112	
+50			6.97	115	
3			3.97	118	
+50			0.97	121	
TP	12.80	134.57	0.20	121.77	
4+50			7.57	127.0	
5			4.57	130	
+50			1.57	133	
TP	12.74	146.50	0.81	133.76	
6			10.5	136	
+50			7.50	139	
7			4.50	142	
+50			1.50	145	

		146.50		
TP	13.20	159.47	0.23	146.27
8			11.47	148
+50			8.47	151
9			5.47	154
+50			2.47	157
TP	12.75	172.16	0.06	159.41
10			12.16	160
+50			9.16	163
11			6.16	166
+50			3.16	169
12			0.16	172
TP	12.97	184.58	0.55	171.61
+50			9.58	175
13			6.58	178
+50			3.58	181
14			0.58	184

5/17 Hatch
10 Moore
Thomas

Cañon line on Albatross
6 25 % grade

		L	R	
13			20°	N9°30'E
12+50	50		12°30'	N10°45'W
12	50	22°20'		N23°10'W
11+20	80	13°20'		N1° W
8+91	229		4°	N12°30'E
6+43	248		13°50'	N8°20'E
5+31	112	6°		N5° W
4+26	105		28°	N0°45'E
2+88	138	22°		N27°10'W
1+50	138	6°50'		N5° W
0+00	150			
16+95=				N1°30'E

See Book 351
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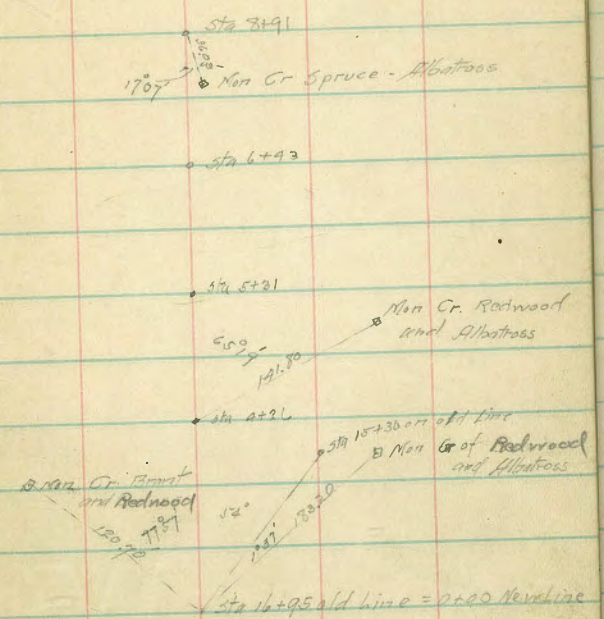


	L	R		
16+06	17			
15+07	16	98.67	65°23'	S14°30'E
14+50	57.5		30°43'	S80°E
14	50		40°	N69°20'E
13+50	50		20°	N29°E

Mon. Cr. Front and Upas.

Mon. on Pt. and Cr of Front St.

5/18/10 Hatch Moore Fitzpatrick

Profile of changed line in Cañon from Walnut to Quince on Albatross

NW Cor 1st Walnut

BM.	0.25				
15+07.5			9.9		
14+70			12.1		
+60			11.5		
T.P.	0.26		12.18		
14+50			1.9		
+30			12.7		
+10			8.5		
14			7.6		
13+50			7.0		
13+25			11.5		
T.P.	0.68		12.25		
13			2.5		
12+75			6.1		
12+50			5.3		
12+25			6.5		
12			8.5		
11+75			10.3		
11+50			11.7		
T.P.	0.12		12.14		
11+20			2.7		
11			2.2		
10+75			4.3		
10+50			6.3		
10+25			10.2		
10			8.6		
9+75			7.1		
9+50			11.6		
T.P.	0.23		13.05		
9+25			2.7		
9			3.3		
8+91			4.5		
8+75			5.1		
8+50			6.0		

8+25		8.4
8		10.4
T.P.	1.87	12.36
7+75		3.2
7+50		2.3
7+25		1.9
7		4.4
6+75		6.4
6+50		6.8
6+43		6.1
6+25		5.0
6		9.3
5+75		9.6
5+50		13.1
T.P.	9.16	12.80
5+31		2.2
5		3.4

4+75		4.1
4+50		7.1
4+26		10.9
4+15		16.3
4		13.0
3+75		11.6
3+50		13.1
T.P.	1.57	12.30
3+25		3.6
3		4.7
2+88		6.0
2+75		6.5
2+50		8.3
2+25		10.1
2		11.9
T.P.	2.07	12.88
1+75		2.7

1+50			4.0		
1+25			4.6		
1			7.6		
0+75			9.7		
0+50			12.4		
0+30			11.8		
0+20			13.8		
0			13.5		

5 Hatch
23 Mood
10 Thomas

X Sec Lewis St from Falcon to Eagle.

					Broadway and Falcon.
BM	4.44	272.29		267.85	
T.P.	1.21	268.90	4.60	267.69	
		EL Falcon.			
S			7.0	261.9	
			7.7	261.2	
			9.5	259.4	
			11.8	257.1	
			14.8	254.1	
			15.9	253.0	
N			18.2	250.7	
		10' E			
N			11.7	257.2	
			11.8	257.1	
			10.9	258.0	
			9.0	259.9	
			6.9	262.0	
			4.5	264.4	
S			2.9	266.0	

		268.90			
		25' E			
S			1.6	267.3	
			1.6	267.3	
			2.0	266.9	
M			3.8	265.1	
			4.8	264.1	
			4.9	264.0	
			5.0	263.9	
N					
		35' E			
N			1.4	267.5	
			1.4	267.5	
			1.5	267.4	
			1.6	267.3	
M			1.3	267.6	
			1.2	267.7	
			1.2	267.7	
S					
T.P	710	274.79	1.21		267.69

		274.79			
		50' E			
S			6.3	268.5	
			6.3	268.5	
			6.5	268.3	
M			6.4	268.4	
			6.1	268.7	
			5.6	269.2	
N			6.1	268.7	
		75' E			
N			5.7	269.1	
			5.8	269.0	
			5.5	269.3	
M			4.7	270.1	
			4.6	270.2	
			5.2	269.6	
S			5.7	269.1	

274.79

100 E

S	5.2	269.6
	5.2	269.6
	5.2	269.6
M	5.2	269.6
	5.2	269.6
	5.4	269.4
N	5.2	269.6

125 E

N	4.3	270.5
	4.4	270.4
	4.4	270.4
M	4.6	270.2
	4.7	270.1
	4.9	269.9
S	5.0	269.8

274.79

150 E

S	4.8	270.0
	4.5	270.3
	4.3	270.5
M	4.1	270.7
	4.0	270.8
	3.8	271.0
N	3.4	271.4

175 E

N	3.1	271.7
	3.2	271.6
	3.3	271.5
M	3.6	271.2
	3.8	271.0
	4.0	270.8
S	4.3	270.5

274.79

~~200~~ E = WL Eagle

S	4.0	270.8
	3.7	271.1
	3.7	271.1
M	3.5	271.3
	3.4	271.4
	3.6	271.2
N.	3.5	271.3

+	H.I.	—	R.	258.75 BM
3.63	262.38			
3.96	263.20	3.14	259.24	
0.40	254.93	8.67	254.53	
1.55	249.61	6.87	248.06	
		7.50	242.11	

263.035
4.930
267.965
1.300
266.665
1.815
268.480
9.72
258.76
6.06
264.82
1.21
263.61
10.82
274.43

264.82
4.44
260.38

274.43
7.38
267.05

92
59
33

275.74
11.14
264.60

267.05
3.50
270.55
11.13
259.42

265.68
6.26
259.42

#40

32
6
1.92

170

39.26
4.70
263.45
9.72
258.76

51.21
42
45

1.60
32
1.92

1.92

+35 33.2
+50 - 35.9

+35 33.2
+50 - 35.9
1.85

151.00
237.15
60.00
172.70
620.85

5.70
49
619

185
619.00

151.00
237.15
60.00
172.70
620.85

121.00

620.85
1.92
618.93

32
6
1.92
96
185
9.2

121.00

91
30
121.92

60.00
237.15
297.15

237.15
32
30
299.15

202.7
25
177.7
2.15
179.85

121.00
92
120.08

1234567
8910111213
14151617162 297.
19202122

50.69
2
101.38
314.16
60828
10138
40552
30414
34631408

297.
50.69
2
101.38
314.10

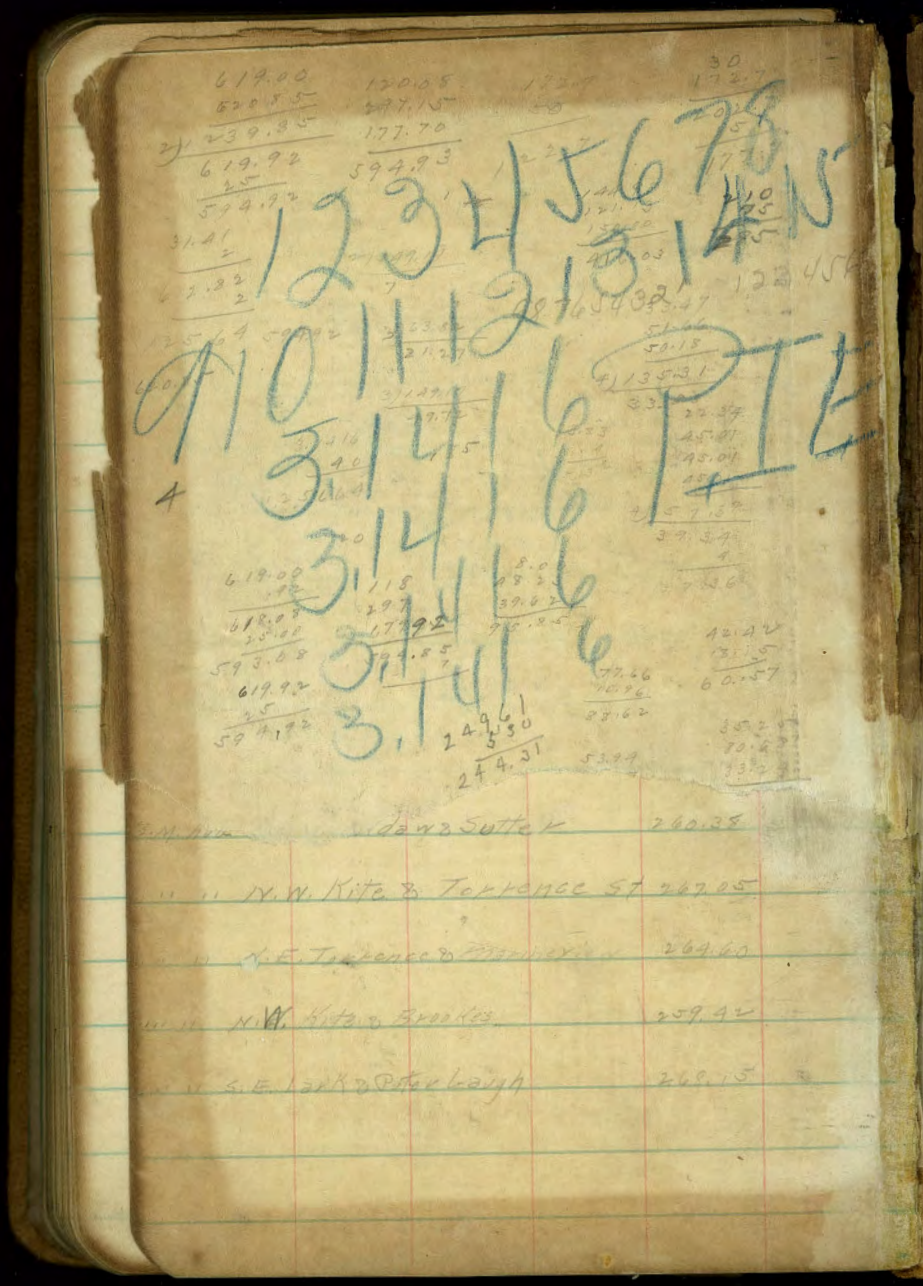
78.75
4
315.00

91.00
30.00
121.00

121.04

								1.31	89
								3.05	88
								4.80	87
								6.54	86
								8.28	85
								0.02	84
								1.75	83
								3.49	82
								5.21	81
								6.93	80
								8.65	79
								0.36	78
								2.07	77
								3.77	76
								5.46	75
								7.14	74
								8.82	73
								0.49	72
								2.14	71
								3.79	70
								5.43	69
								7.06	68
								8.67	67
								0.27	66
								1.87	65
25	90.0[illegible]	[illegible]					[illegible]	43.44	64
26	89.88	43.[illegible]					[illegible]9.30	45.01	63
27	89.10	45.40	[illegible]				88.50	46.56	62
28	88.29	46.95	88.09			[illegible]2	87.67	48.10	61
29	87.46	48.48	87.25	48.8[illegible]	[illegible]	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.		

S.M. Aub.	S.E. Jackdaw & Sutter	260.38
" "	N.W. Kite & Torrence St	267.05
" "	N.E. Torrence & Marineview	264.60
" "	N.W. Kite & Brookes	259.42
" "	S.E. Lark & Peter Laugh	268.15



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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.		