302

400

LEVEL

F.B.302

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

302

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	130⅔
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

MICROFILMED
DEC 9 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

Benches

26926 NE ba Washington + Goldfinch

12,5

$\frac{106}{23,1}$ 96 $\frac{73}{198}$

92
23
69
16
53

132
14
115

15
160

Crossection of Falcon St 80'

S L of Getti to Pueblo Lin S

	4.15	273.41		269.26	BM Wash & Gre
TP	5.97	274.00	5.38	268.03	S W Old Fal & Wa
	S L of Getti St				
EL			7.90		266.1
bh			8.3		265.7
"		POSTED	8.1		265.9
b			8.4		265.6
"			8.0		266.0
bh			8.1		265.9
WL			8.0		266.0
	50' S of Getti				
WL			7.2		266.8
bl			7.3		266.7
"			7.4		266.6
b			7.5		266.5
"			7.6		266.4
bh			7.8		266.2
EL			7.4		266.6

274.00

	100' S of Getti St				
EL			6.0		268.0
bh			6.7		267.3
"			6.6		267.4
b			6.7		267.3
"			6.4		267.6
bh			6.5		267.5
WL			6.0		268.0
	150' S of Getti St				
WL			4.6		269.4
bl			5.2		268.8
"			5.5		268.5
b			5.7		268.3
"			5.8		268.2
bh			6.0		268.0
EL			5.3		268.7

274.00

200' S of Gettis St

EL		5.0	269.0
bl		4.9	269.1
4		4.8	269.2
6		4.8	269.2
4		4.7	269.3
bl		4.5	269.5
WL		4.4	269.6

250' S of Gettis

WL		4.5	269.5
bl		5.0	269.0
4		5.3	268.7
6		5.5	268.5
4		5.7	268.3
bl		5.8	268.2
EL		5.7	268.3

274.00

300' S = N Line of Washington (75')

EL		5.9	268.1
bl		5.9	268.1
4		5.6	268.4
6		5.5	268.5
4		5.1	268.9
bl		5.1	268.9
WL		5.0	269.0
TP	184	269.87 5.97	268.03

S Line of Washington St

WL		0.9	269.0
bl		1.7	268.2
4		2.0	267.9
6		2.3	267.6
4		2.7	267.2
bl		2.8	267.1
EL		3.3	266.6

26987

50' S of Washington St

El	4.8	265.1
	4.5	265.4
	4.0	265.9
	3.5	266.4
	3.0	266.9
	2.8	267.1
	2.5	267.4

100' S of Washington St

WL	4.8	265.1
bh	5.0	264.9
4	5.4	264.5
b	5.5	264.4
4	5.8	264.1
bh	5.8	264.1
El	5.5	264.4

26987

150' S of Gatti

El	4.9	265.0
bh	5.3	264.6
4	5.4	264.5
b	5.4	264.5
4	5.3	264.6
bh	5.2	264.7
WL	4.7	265.2

200' S of Washington

WL	3.7	266.2
bh	3.9	266.0
4	3.5	266.4
b	3.5	266.4
4	4.3	265.6
bh	4.6	265.3
El	4.5	265.4

26987

250' S of Washington

El	4.9	265.0
bl	4.3	265.6
y	4.0	265.9
b	3.5	266.4
y	3.4	266.5
bl	3.0	266.9
WL	2.8	267.1

275' S = N Line Douglass 15 (30)

WL	1.9	268.0
bl	3.2	266.7
y	3.7	266.2
b	3.6	266.3
y	4.1	265.8
bl	4.3	265.6
El	4.5	265.4

26987

N bl of Douglass

El	4.1	265.8
bl	4.0	265.9
y	3.9	266.0
b	3.0	266.9
y	2.9	267.0
bl	3.4	266.5
WL	2.1	267.8

POSTED

N 1/4 of Douglass

WL	3.0	266.9
bl	3.1	266.8
y	1.9	268.0
b	2.2	267.7
y	3.5	266.4
bl	3.8	266.1
El	3.8	266.1

269.87

	Center of Douglass				
El			3.8		266.1
bh			3.7		266.2
y			3.5		266.4
b			2.5		267.4
y			2.5		267.4
bh			2.9		267.0
WL			2.7		267.2
	S ½ of Douglass				
WL			2.0		267.9
bh			2.6		267.3
y			2.6		267.3
b			2.9		267.0
y			3.3		266.6
bh			3.7		266.2
El			3.9		266.0

269.87

	S bh of Douglass				
El			3.9		266.0
bh			3.6		266.3
y			3.3		266.6
b			3.0		266.9
y			2.9		267.0
bh			3.2		266.7
WL			2.4		267.5
	S L of Douglass				
WL			2.0		267.9
bh			2.7		267.2
y			2.7		267.2
b			3.0		266.9
			3.0		266.9
			3.3		266.6
			3.3		266.6
					Pine
TP	483	272.33	2.37	267.10	

272.33

	50' S of Douglass		
EL		5.5	266.8
bh		5.6	266.7
4		5.2	267.1
b		4.8	267.5
	100' S of Douglass		
EL		5.2	267.1
bh		5.1	267.2
4		5.1	267.2
b		4.5	267.8
	150' S of Douglass		
EL		5.3	267.0
bh		5.4	266.9
4		5.2	267.1
b		5.4	266.9

272.33

	200' S of Douglass		
EL		6.3	266.0
bh		6.5	265.8
4		6.6	265.7
b		6.4	265.9
	226 S = Pueblo Line on East		
EL		7.0	265.3
bh		7.2	265.1
4		7.3	265.0
b		7.3	265.0
TP	5.07	272.85	4.51 = 268.34
	50' S of Douglass		
WL		4.4	268.5
bh		4.7	268.2
4		5.2	267.7

	100'	S of	Douglass	
WL			4.8	268.1
bb			4.8	268.1
4			4.8	268.1
	150'	S of	Douglass	
WL			5.6	267.3
bb	POSTED		5.9	267.0
4			5.9	267.0
	200'	S of	Douglas	
			6.4	266.5
			6.6	266.3
			6.5	266.4
	223'	S of	Pueblo dine Douglass in West	
			6.7	266.2
			7.0	265.9
			7.2	265.7

POSTED

Crosssection of 1st St (70')

S2 Lewis to N2 washington

	7.86	288.23		280.37	BM 1st & wash
TP	3.85	291.00	1.08	287.15	
	S 2 of		Lewis	St	
E2			2.7		288.3
bb			2.8		288.2
"			2.8		288.2
b			2.9		288.1
"			3.5		287.5
bb			3.5		287.5
W2			3.8		287.2
BM			3.81		SW corner of Lewis & 1st St
	50'	S of	Lewis		
W2			4.1		286.9
bb			4.1		286.9
"			4.0		287.0
b			3.5		287.5
"			3.6		287.4
bb			3.7		287.3
E2			3.6		287.4

		291.00		
	100'	S of	Lewis	
E2			4.5	286.5
bb			4.4	286.6
"			4.2	286.8
b			4.3	286.7
"			4.6	286.4
bb			4.6	286.4
W2			3.7	287.3
	150'	S of	Lewis	
W2			4.7	286.3
bb			4.9	286.1
"			4.9	286.1
b			4.8	286.2
"			5.0	286.0
bb			4.6	286.4
E2			4.6	286.4

		291.00			
	200'	S of	Lewis		
EL			5.3		285.7
bh			5.4		285.6
4			5.3		285.7
b			5.5		285.5
4			5.5		285.5
bh			5.4		285.6
WL			5.2		285.8
	250'	S of	Lewis		
WL			5.5		285.5
bh			5.8		285.2
4			5.7		285.3
b			5.7		285.3
4			6.0		285.0
bh			6.0		285.0
EL			5.8		285.2

		291.00			
	300	S of	Lewis		
EL			6.1		284.9
bh			6.5		284.5
4			6.5		284.5
b			6.5		284.5
4			6.4		284.6
bh			6.3		284.7
WL			6.0		285.0
	350'	S of	Lewis		
WL			6.7		284.3
bh			6.9		284.1
4			6.8		284.2
b			6.6		284.4
4			6.8		284.2
bh			7.2		283.8
EL			7.2		283.8
TP	1.93	286.00	6.93	284.07	

POSTED

286.00

400' S of Lewis

E2	2.8	283.2
lb	2.8	283.2
y	2.7	283.3
b	2.7	283.3
y	2.6	283.4
lb	2.7	283.3
W2	2.4	283.6

450' S of Lewis

W2	2.6	282.4
lb	2.1	282.9
y	2.2	282.7
b	2.5	282.5
y	2.4	282.6
lb	2.4	282.6
E2	2.5	282.5

286.00

500' S of Lewis

E2	3.8	282.2
lb	4.2	281.8
y	4.3	281.7
b	4.5	281.5
y	4.4	281.6
lb	4.2	281.8
W2	4.5	281.5

550' S of Lewis

W2	5.8	280.2
lb	5.8	280.4
y	5.6	281.4
b	5.2	280.8
y	5.0	281.0
lb	5.2	280.8
E2	5.0	281.0

POSTED

286.00

560' S of Lewis

E2	5.0	281.0
bl	5.0	281.0
4	5.0	281.0
b	8.0	278.0
4	7.0	279.0
bl	7.0	279.0
W2	5.8	280.2

575' S of Lewis

W2	10.0	276.0
bl	12.5	273.5
4	12.5	273.5
b	12.4	273.6
4	12.0	274.0
bl	11.3	274.7
E2	5.0	281.0

286.00

585' S of Lewis

E2	5.2	280.8
bl	8.0	278.0
4	5.7	280.3
b	7.0	279.0
4	8.0	278.0
bl	9.7	276.3
W2	11.0	275.0

600' S of Lewis 1st

W2	9.8	276.2
bl	8.0	278.0
4	6.4	279.6
b	5.7	280.3
4	5.5	280.5
bl	5.3	280.7
E2	5.6	280.4

286m

640' S ± N of Washington

Ed	5.1		280.9
	5.0		281.0
	5.7		280.3
b	6.2		279.8
	6.4		279.6
	6.5		279.5
	7.6		278.4
Bm	5.65	284.35	

Crossection of 1st St (70')

N L of University to N L Robinson

	2.50	283.26		280.76	BM 2nd & University
	2.50	278.32	7.44	275.82	N E Hub 1st & Univ

N Line University ave (63.5')

EL			2.5		275.8
bh			3.2		275.1
y			3.9		274.4
b			3.9		274.4
y			3.9		
bh			4.5		
WL			4.6		273.7

N bk of University

WL			4.9		273.4
bh			4.7		
y			4.5		
b			4.2		274.1
y			3.8		
bh			3.7		
EL			1.9		276.4

278.32

N 1/4 of University ave

EL			2.0		276.3
bh			3.4		
y			3.9		
b			3.9	POSTED	274.4
y			4.3		
bh			4.2		
WL			4.1		274.2

Center of University

WL			3.6		274.7
bh			4.4		
y			POSTED		
b			2.8		275.5
y			4.0		
bh			3.9		
EL			3.2		275.1

278.32

S ¼ of University

El	3.8	274.5
bl	3.9	
y	4.0	
b	2.8	275.5
y	3.3	
bl	4.5	
WL	4.5	273.8

S bl of University

WL	5.4	273.9
bl	5.4	
y	4.0	
b	3.7	274.6
y	3.9	
bl	3.6	
El	3.9	274.4

278.32

S line of University ave

El	4.0	274.3
	3.2	
	3.4	
	4.6	273.7
	4.5	
	5.2	
	5.8	272.5

25' S of Univ

WL	6.1	272.2
	4.8	
y	5.2	
b	4.8	273.5
~~y~~	4.9	
bl	4.4	
El	3.7	274.6

		27832			
	50'	S of	Univ	am	
EL			5,0		273.3
bh			4,7		
y			5,2		
b			5,7		272.6
y			6,4		
bh			6,8		
WL			7,9		270.4
	75'	S of	Univ	am	
WL			8,1		270.2
bh			8,2		
y			8,1		
b			6,7		271.6
y			5,1		
bh			5,3		
EL			4,9		273.4

		27832			
	100'	S of	Univ	am	
EL			5,1		273.2
bh			6,4		
y			7,3		
b		POSTED	7,7		270.6
y			8,4		
bh			8,8		
WL			9,2		269.1
	125'	S of	Univ	am	
WL			9,7		268.6
bh			9,1		
y			8,7		
b			7,6		270.7
y			7,5		
bh			7,3		
EL			6,1		272.2

27832

	150'	S of	Univ	am	
El			6.5		271.8
bl			7.4		
y			8.2		
b			8.2		270.1
y			9.1		
bl			9.5		
WL			10.2		268.1
	175'	S of	Univ	am	
WL			10.8		267.5
bl			10.1		
y			10.0		
b			9.5		268.8
y			8.5		
bl			7.8		
El			8.2		270.1
TP	5.44	27605	7.71	27061	

27605

	200'	S of	Univ	am	
El			6.1		270.6
bl			6.6		
y			7.7		
b			8.6		267.5
y			9.0		
bl			9.2		
WL			9.5		266.6
	225'	S of	Univ		
WL			7.2		268.9
bl			7.2		268.9
y			8.2		
b			7.8		268.3
y			6.7		
bl			6.5		
El			6.0		270.1

		27605			
	250'	S of	University ave		
Es			4,6		271.5
bh			5,6		
y			6,5		
b			6,7		269.4
y			7,5		
bh			7,8		
Ws			8,0		268.1
	275'	S of	Univ ave		
Ws			7,0		269.1
bh			6,5		
y			6,2		
b			5,9		270.2
y			5,6		
bh			5,1		
Es			4,6		271.5

		27605			
	300'	S of	Univ ave		
Es			3,6		272.5
bh			4,5		
y			4,7		
b			5,1	POSTED	271.0
y			5,0		
bh			5,2		
Ws			6,1		270.0
	325'	S of	Univ ave		
Ws			6,1		270.0
bh			5,7		
y			5,2		
b			5,4		271.7
y			3,7		
bh			3,5		
Es			3,3		272.8

27605

	350'	S of	Univ	ave	
E2			3.4		272.7
bl			3.7		
4			3.8		
6			4.8		271.3
4			5.3		
bl			5.8		
W2			6.1		270.0
	375'	S of	Univ	ave	
W2			5.8		270.3
bl			5.8		
4			5.4		
6			4.3		271.8
4			4.2		
bl			3.1		
E2			3.3		272.8

26705

	400'	S of	Univ	ave	
E2			3.7		272.4
bl			4.4		
4			5.0		
6			5.7		270.4
4			6.3		
bl			6.3		
W2			6.3		269.8
	416'	S = N lin	Robinson		
W2			7.0		269.1
bl			7.0		
4			7.1		
6			6.0		270.1
4			5.4		
bl			5.6		
E2			5.8		270.3
			bl	261	

Levels for Profit on Lewis (50)
E L 1st to W L Albatross

	4.12	29.31		287.19	SW bnd 1st + Lewis
	E L 1st st				
SL			3.1		288.2
b			2.6		288.7
NL			2.8		288.5
	Center 1st st				
NL			2.4		288.9
b			POSTED		288.3
SL			3.3		288.0
	W L 1st st				
SL			4.2		287.1
b			2.6		287.7
NL			2.4		288.9
	50' W of 1st				
NL			4.1		287.2
b			3.2		288.1
SL			3.1		288.2

29.31

	100' W of 1st st				
SL			3.9		287.4
b			4.3		287.0
NL			3.9		287.4
	130' W of 1st alley				
NL			3.8		287.5
b			4.9		286.4
SL			5.3	POSTED	286.0
	145' W		5		
SL			5.3		286.0
b			5.0		286.3
NL			4.5		286.8
	175' W of 1st				
NL			4.6		288.7
b			4.9		286.4
SL			5.0		286.3

		29/31			
	225' W of 1st				
SL			6.2		285.1
b			4.7		286.6
NL			5.2		286.1
TP	420	290.31	5.20	286.11	
	275' W — E L Albatross				
NL			4.0		286.3
b			4.0		286.3
SL			4.9		285.4
	Center of Albatross				
SL			4.7		285.6
b			4.2		286.1
NL			4.5		285.8
	W L of Albatross St				
NL			3.3		287.0
			5.1		285.2
			5.2		285.1

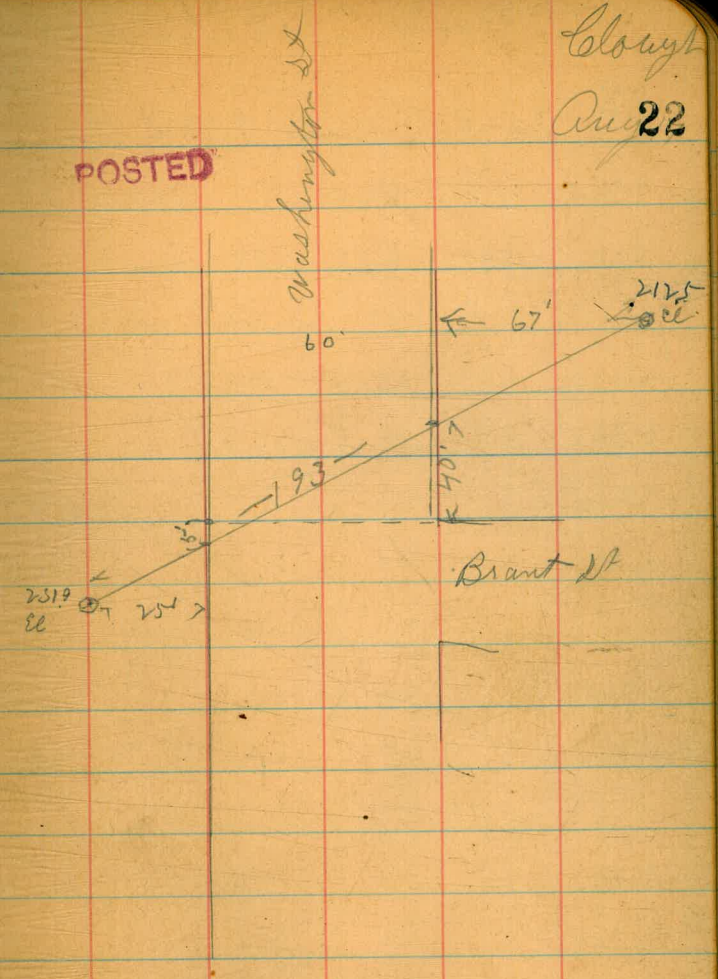
		290.31			
	S Line of Sirius West from S W bar of albatross				
~~1500~~ W			4.2		286.1
100 W			5.9		284.4
130 W			6.2		284.1
145 W			6.9		283.4
175 W			7.4		282.9
225 W			9.4		280.9
275 W			20.0	off	270.3

Location of Culvert on
Washington St
W of Brant

	2.06	280.26		278.20	E W Line wash + albatross
TP	0.68	268.47	12.47	280.79	
TP	0.14	256.08	12.53	255.94	
TP	0.27	244.04	12.31	243.77	
TP	1.20	233.12	12.12	231.92	S End 25 out 7 16.5
TP	1.88	222.12	12.88	220.24	
			9.6	212.5	N End 46 Fill 6 71 ans

Clough
Aug 22

POSTED



Crossection of Lewis St (50')

E L Goldfinch to W L Ibis

	316	272.67		269.57	BM Gitti & Goldfinch
	5.94	268.73	9.88	262.79	SE Ave & Lewis Goldfinch

E Line of Goldfinch (80')

NL			16.3		252.4
Cb			12.0		256.7
"			9.5		259.4
C			8.3		260.4
"			6.8		262.0
Cb			6.3		262.4
SL			6.0		262.7

E Cb of Goldfinch

SL			5.0		263.7
Cb			5.3		263.4
"			5.8		263.4
C			6.3		262.4
"			7.0		261.7
Cb			8.5		260.2
NL			10.8		257.9

268.73

E 1/4 of Goldfinch

NL			9.8		258.9
Cb			6.6		262.1
"			5.4		263.3
C			5.0		263.7
"			4.8		263.9
Cb			4.7		264.0
SL			4.4		264.3

Center of Goldfinch

SL			4.4		264.3
Cb			4.5		264.2
"			4.8		263.9
C			5.0		263.7
"			5.2		263.5
Cb			6.5		262.2
NL			8.4		260.3

POSTED

26873

W 1/4 of Goldfinch

hl	8.0	260.7
bl	5.2	263.5
4	4.6	264.1
b	4.8	263.9
4	4.6	264.1
bl	4.4	264.3
sl	4.0	264.7

W bl of Goldfinch

sl	3.7	265.0
bl	4.0	264.7
4	4.0	264.7
b	4.1	264.7
4	4.5	264.2
bl	5.5	263.2
hl	8.5	260.2

26873

W hl of Goldfinch

hl	9.3	259.4
bl	5.7	263.0
4	4.4	264.3
b	4.0	264.7
4	3.8	264.9
bl	2.6	266.1
sl	2.3	266.4

25' W of Goldfinch

sl	1.5	267.2
bl	1.6	267.1
4	2.5	266.2
b	2.8	265.9
4	3.1	265.6
bl	3.9	264.8
hl	6.2	262.4

		26873			
		50' W of Goldfinch			
nL			3.0		265.7
bl			2.2		266.1
y			2.0		266.7
b			1.3		267.4
y			1.0		267.7
bl			0.1		268.6
SL			0.0		268.7
TP	1.73	269.70	0.76	269.97	
	75' N of Goldfinch				
SL			0.7		269.0
bl			0.7		269.0
y			1.8		267.9
b			1.5		268.2
y			2.0		267.7
bl			2.4		267.3
nL			2.6		267.1

		269.70			
	100' N of Goldfinch				
nL			2.0		267.7
bl			1.7		268.0
y			1.6		268.1
b			1.5		268.2
y			1.4		268.3
bl			0.0		269.7
SL			+0.2	269.90	269.9
	125' W of Goldfinch				
SL			+0.4	270.1	270.1
bl			+0.5	270.2	270.2
y			0.9		268.8
b			1.1		268.6
y			1.6		268.1
bl			1.9		267.8
nL			2.2		267.2

269.70

150' W of Goldfinch

nl	2.1		267.6
bl	1.6		268.1
y	1.5		268.2
b	1.0		268.7
y	1.0		268.7
bl	+0.4	270.1	270.1
SL	+0.3	270.0	270.0

175' W of Goldfinch St

SL	0.0		269.7
bl	0.0		269.7
y	1.4		268.3
b	1.9		267.8
y	2.4		267.3
bl	2.6		267.1
nl	3.5		266.2

269.70

200' W = C Finch Hawk (80')

nl	4.5		265.2
bl	3.6		266.1
y	3.3		266.4
b	2.8		266.9
y	2.2		267.5
bl	0.5		269.2
SL	0.3		269.4

W L of Hawk St

SL	6.0		263.7
bl	7.1		262.6
y	8.0		261.7
b	9.7		260.0
y	11.0		258.7
bl	12.4		257.3
nl	14.7		255.0

		269.70			
	25'	w of	Hawk St		
2L			11.4		258.3
bl			10.9		258.8
4			8.8		260.9
b			~~7.5~~		262.2
4			6.6		263.1
bl			6.0		263.7
SL			5.7		264.0
	50'	w of	Hawk		
SL			3.4		266.3
bl			4.1		265.6
4			4.6		265.1
b			5.8		263.9
4			6.7		263.0
bl			7.6		262.1
7L			8.0		261.7

		269.70			
	75'	w of	Hawk		
2L			5.3		264.4
bl			4.9		264.8
4			4.6		265.1
b			3.7		266.0
4			3.0		266.7
bl			2.6		267.1
SL			2.1		267.6
TP	5.84	272.88	2.66	267.04	
	100'	w of	Hawk St		
SL			4.6		268.3
bl			4.8		268.1
4			5.0		267.9
b			5.3		267.6
4			5.8		267.1
bl			6.3		266.6
7L			6.9		266.0

POSTED

27288

125' W of Hawk St

nl	5.5	267.4
bl	5.0	267.9
y	4.8	268.1
b	4.6	268.3
y	4.6	268.3
bl	4.4	268.5
sl	4.3	268.6

150' W of Hawk

sl	5.3	267.6
bl	5.5	267.4
y	5.2	267.7
b	4.5	268.4
y	4.9	268.0
bl	5.5	267.4
nl	6.3	266.6

27288

175' W of Hawk

nl	7.8	265.1
bl	7.7	265.2
y	6.8	266.1
b	6.3	266.6
y	5.3	267.6
bl	4.7	268.2
sl	4.8	268.1

200' W = Edin of Albion St (80')

sl	5.9	267.0
bl	6.3	266.6
y	6.7	266.2
b	7.1	265.8
y	7.4	265.5
bl	7.5	265.4
nl	8.1	264.8

27288

E bk of Ibis st

22	7.6	265.3
bk	7.2	
y	6.9	
b	6.7	266.2
y	6.6	
bk	6.3	
S2	5.7	267.2

E ¼ of Ibis st

S2	5.5	267.4
bk	6.0	
y	6.3	
b	6.5	266.4
y	7.0	
bk	7.7	
n2	9.0	263.9

27288

Center of Ibis

n2	8.8	264.1
bk	7.9	265.0
y	7.6	
b	6.9	266.0
y	6.3	
bk	5.6	
S2	5.2	267.7

W ¼ of Ibis st

S2	5.2	267.7
bk	5.6	
y	6.2	
b	6.7	266.2
y	7.1	
bk	7.6	
n2	8.3	264.6

27288

	W Cb of Ibis				
NL			6,9		266.0
bb			6,6		266.3
"			6,2		
b			5,7		267.2
"			5,5		
bb			5,2		
SL			4.7		268.2
	W Line of Ibis st				
SL			4,6		268.3
bb			4,9	POSTED	
"			5,3		
b			5,7		267.2
"			6,3		
bb			6,5		
NL			6.7		266.2

Levels over Ida St. - "A" + o'C 8/31/07 {Dave Morra Emery

POSTED

	2.75	235.41		232.66 BM.
	3.31	232.38	6.34	229.07
	So. line "A"			
W			4.9	227.5
Cb			{5.1 5.9	227.3 226.5
1/4			5.3	227.1
C			5.0	227.4
1/4			5.5	226.9
Cb			{5.5 4.8	226.9 227.6
E			4.6	227.8
		25' So		
E			5.4	227.0
Cb			{5.6 6.4	226.8 226.0
1/4			6.0	226.4
C			5.8	226.6
1/4			6.0	226.4
Cb			{6.6 5.8	225.8 226.6
W			5.9	226.5

		50' So		
W			6.6	225.8
Cb			{6.4 7.2	226.0 225.2
1/4			6.7	225.7 POSTED
C			6.6	225.8
1/4			7.1	225.3
Cb			{7.5 6.5	224.9 225.9
E			6.1	226.3
		75' So		
E			7.0	225.4
Cb			{7.4 8.2	225.0 224.2
1/4			7.9	224.5
C			7.4	225.0
1/4			7.8	224.6
Cb			{8.1 7.2	224.3 225.2
W			7.2	225.2

233.88

100 '50 of "A"

W	8.4	224.0
ct	8.4 9.2	224.0 223.2
½	8.6	223.8
C	8.4	224.0
½	8.7	223.7
ct	8.9 8.0	223.5 224.4
E	7.7	224.7

125 '50

E	8.8	223.6
ct	9.1 10.0	223.3 222.4
½	9.5	222.9
C	9.2	223.2
½	9.8	222.6
ct	10.1 9.4	222.3 223.0
W	9.4	223.0

Ida 54

150 '50

W	10.5	221.9
ct	10.7 11.6	221.7 220.8
½	10.8	221.6
C	10.5	221.9
½	10.9	221.5
ct	11.0 10.3	221.4 222.1
E	9.9	222.5

175 '50

E	11.0	221.4
ct	11.4 12.2	221.0 220.2
½	12.0	220.4
C	11.7	220.7
½	12.1	220.3
ct	12.7 11.9	219.7 220.5
W	11.8	220.6
T.P.	0.03	219.90	12.51	219.87

219.90

200' So of "A"

W	0.6	219.3
Ch	0.5 1.4	219.4 218.5
½	0.9	219.0
C	0.2	219.7
½	0.4	219.5
Ch	0.6 +0.3	219.3 220.2
E	+0.5	220.4

225' So

E	0.8	219.1
Ch	1.0 1.8	218.9 218.1
½	1.7	218.2
C	1.5	218.4
½	2.1	217.8
Ch	2.5 1.8	217.4 218.1
W	1.9	218.0

Idg 5t

250' So

W	3.0	216.9
Ch	3.0 3.8	216.9 216.1
½	3.2	216.7
C	2.7	217.2
½	3.0	216.9
Ch	3.3 2.6	216.6 217.3
E	2.4	217.5

275' So

E	3.9	216.0
Ch	4.3 5.1	215.6 214.8
½	4.6	215.3
C	4.5	215.4
½	4.9	215.0
Ch	5.8 4.5	214.1 215.1
W	4.8	215.1

(21990)

300' So of A. N.L. "B"

VV	7.2	212.7
Ct	7.2 7.8	212.7 212.1
¼	6.6	213.3
c	6.3	213.6
¼	6.2	213.7
Ct	6.8 5.9	213.1 214.0
E	5.9	214.0

S. L. "B"

E	8.5	211.4
Ct	8.6 9.5	211.3 210.4
¼	9.1	210.8
c	8.9	211.0
¼	9.4	210.5
Ct	9.7 9.1	210.2 210.8
W	9.1	210.8

Ida St

25' So

VV	9.3	210.6
Ct	9.3 9.9	210.6 210.0
¼	9.8	210.1
c	9.5	210.4
¼	9.5	210.4
Ct	9.8 9.1	210.1 210.8
E	9.0	210.9

50' So

E	9.7	210.2
Ct	9.8 10.5	210.1 209.4
¼	10.5	209.4
c	10.3	209.6
¼	10.6	209.3
Ct	10.6 9.8	209.3 210.1
W	9.7	210.2

219.90

75' S. of "B"

W	10.9	209.0
Ch	10.9 11.8	209.0 208.1
H	11.3	208.6
C	11.2	208.7
H	11.1	208.8
Ch	11.6 10.7	208.3 209.2
E	10.5	209.4
T.P. 1.25	209.99 11.16	208.74

100' S.

E	1.4	208.6
Ch	1.4 2.2	208.6 207.8
H	2.2	207.8
C	1.9	208.1
H	2.1	207.9
Ch	2.4 1.7	207.6 208.3
W	1.2	208.8

Ida St.

125' S.

W	2.5	207.5
Ch	2.5 3.1	207.5 206.9
H	2.8	207.2
C	2.4	207.6
H	2.6	207.4
Ch	3.1 2.2	206.9 207.8
E	2.1	207.9

150' S.

E	2.7	207.3
Ch	2.6 3.6	207.4 206.4
H	3.5	206.5
C	3.0	207.0
H	3.3	206.7
Ch	3.7 3.0	206.3 207.0
W	3.1	206.9

209.99

175 'S. of 'B'

W	4.4	205.6
Ct	4.3 4.7	205.7 205.3
½	4.2	205.8
C	3.9	206.1
½	4.1	205.9
Ct	4.3 3.4	205.7 206.6
E	3.3	206.7

200 'S.

E	4.3	205.7
Ct	4.4 5.2	205.6 204.8
½	5.0	205.0
C	4.8	205.2
½	5.5	204.5
Ct	6.0 5.2	204.0 204.8
W	5.0	205.0

Ldg St.

225 'S.

W	6.4	203.6
Ct	6.4 7.2	203.6 202.8
½	6.4	203.6
C	6.1	203.9
½	6.0	204.0
Ct	6.4 5.5	203.6 204.5
E	5.2	204.8

250 'S.

E	6.5	203.5
Ct	6.8 7.5	203.2 202.5
½	7.5	202.5
C	7.4	202.6
½	7.7	202.3
Ct	8.2 7.5	201.8 202.5
W	7.5	202.5

209.99

POSTED

275' So of "B"

W	8.4	201.6
Ct	8.7 9.5	201.3 200.5
¼	8.9	201.1
C	8.9	201.1
¼	8.8	201.2
Ct	9.0 8.2	201.0 201.8
E	7.8	202.2

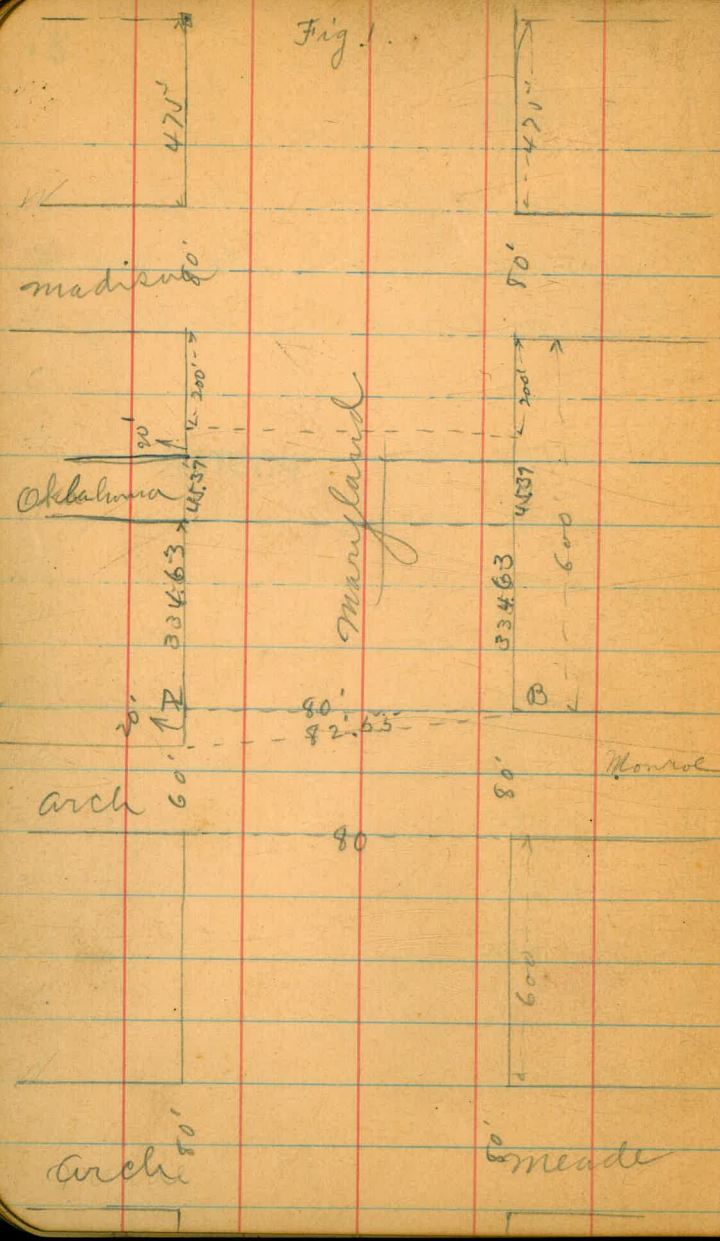
300' So. N.L. "C"

E	9.8	200.2
Ct	10.1 10.5	199.9 199.5
¼	10.4	199.6
C	10.7	199.3
¼	10.7	199.3
Ct	11.2 10.3	198.8 199.7
W	10.4	199.6

Sept. 4 1907 { Childs, Evans, Barber.

X Section Maryland from Meade to Bluff above mission Valley

POSTED



H.I.
1136 342.30 330.94

So. line meade

W line	11.4	330.9
	10.6	331.7
	10.8	331.5
C	9.9	332.4
	9.6	332.7
	8.8	333.5
E line	8.2	334.1

Sp. cb

E line	7.3	335.0
	8.0	334.3
	8.8	333.5
C	9.4	332.9
	10.0	332.3
	10.0	332.3
W line	11.2	331.1

So. 1/4

W line	10.9	331.4
	9.9	332.4
	9.3	333.0
C	8.6	333.7
	8.0	334.3
	7.1	335.2
E line	6.1	336.2

Center

E line	5.4	336.9
	6.4	335.9
	7.0	335.3
C	7.6	332.7
	8.4	333.9
	9.1	333.2
W line	10.0	332.3

N 1/4

W line	10.3	332.0
	9.4	332.9
	8.3	334.0
C	7.6	334.7
	7.5	334.8
	6.6	335.7
E line	6.0	336.3

N. C6

E line	3.8	338.5
	5.0	337.3
	6.2	336.1
C	6.3	336.0
	7.5	334.8
	7.6	334.7
W line	8.5	333.8

POSTED

N. line Meade

W line	7.5	334.8
	6.7	335.6
	6.4	335.9
C	5.4	336.9
	5.3	337.0
	3.8	338.5
E line	2.4	339.9
25' N		
E line	1.8	340.5
	2.7	339.6
	3.7	338.6
C	3.6	338.7
	4.5	337.8
	4.8	337.5
W line	5.6	336.7

342.30

50' N

W line	3.7		338.6
	3.4		338.9
	3.2		339.1
C	2.3		340.0
	2.5		339.8
	1.5		340.8
E line	1.0		341.3
75' N			
E line	-0.2	342.5	342.5
	0.9		341.4
	1.7		340.6
C	1.1		341.2
	2.2		340.1
	2.1		340.2
W line	2.5		339.8

		H.I.		
T.P.	6.28	348.32	0.26	342.04

348.32

100' N

W line	7.6	340.7
	7.3	341.0
	7.4	340.9
C	6.4	341.9
	7.0	341.3
	6.5	341.8
E line	6.0	342.3

125' N

E line	5.7	342.6
	5.8	342.5
	6.2	342.1
C	6.2	342.1
	6.6	341.7
	6.5	341.8
W line	6.8	341.5

150' N

W line	6.2	342.1
	6.1	342.2
	6.1	342.2
C	5.7	342.6
	6.0	342.3
	5.5	342.8
E line	5.4	342.9

175' N

E line	5.1	343.2
	4.6	343.7
	5.7	342.6
C	5.4	342.9
	5.8	342.5
	5.6	342.7
W line	5.9	342.4

	200' M	
W line	5.8	342.5
	5.5	342.8
	5.5	342.8
C	5.1	343.2
	5.2	343.1
	4.8	343.5
E line	4.6	343.7
	225' M	
E line	4.2	344.1
	4.7	343.6
	5.2	343.1
C	5.0	343.0
	5.5	342.8
	5.4	342.9
W line	5.7	342.6

	250' M	
W line	5.5	342.8
	5.3	343.0
	5.1	343.2
C	4.7	343.6
	5.1	343.2
	4.4	343.9
E line	3.8	344.5
	275' M	
E line	3.6	344.7
	4.3	344.0
	5.0	343.3
C	4.5	343.8
	5.1	343.2
	5.1	343.2
W line	5.4	342.9

POSTED

300' N

W line	5.3	343.0
	4.9	343.4
	4.9	343.4
C	4.4	343.9
	5.1	343.2
	4.7	343.6
E line	4.4	343.9

325' N

E line	3.7	344.6
	4.5	343.8
	4.9	343.4
C	4.4	343.9
	5.0	343.3
	4.8	343.5
W line	5.2	343.1

350' N

W line	5.1	343.2
	5.0	343.3
	5.2	343.1
C	4.5	343.8
	5.1	343.2
	4.1	344.2
E line	3.1	345.2

POSTED

375' N

E line	4.9	343.4
	5.2	343.1
	5.5	342.8
C	4.8	343.5
	5.3	343.0
	5.1	343.2
W line	5.1	343.2

400' N

W line	5.3	343.0
	5.4	342.9
	5.5	342.8
C	4.9	343.4
	5.2	343.1
	3.5	344.8
E line	4.4	343.9

425' N

E line	4.4	343.9
	5.3	343.0
	5.6	342.7
C	5.0	343.3
	5.7	342.6
	5.7	342.6
W line	5.6	342.7

450' N

W line	5.9	342.4
	5.9	342.4
	5.6	342.7
C	5.0	343.3
	5.5	342.8
	4.3	344.0
E line	3.7	344.6

475' N

E line	4.2	344.1
	4.3	344.0
	5.7	342.6
C	5.0	343.3
	5.6	342.7
	5.9	342.4
W line	6.1	342.2

100' N		
W line	6.2	342.1
	5.8	342.5
	5.6	342.7
C	4.7	343.6
	5.3	343.0
	5.0	343.3
E line	4.2	344.1
125' N		
E line	3.9	344.4
	3.9	344.4
	5.3	343.0
C	4.9	343.4
	5.6	342.7
	5.4	342.9
W line	6.0	342.3

150' N		
W line	6.0	342.3
	5.2	343.1
	5.0	343.3
C	5.0	343.3
	5.2	343.1
	3.3	345.0
E line	2.4	345.9
175' N		
E line	3.5	344.8
	4.2	344.1
	5.1	343.2
C	5.0	343.3
	4.7	343.6
	4.9	343.4
W line	5.6	342.7

(600' N) So line Monroe.

w line	5.2	343.1
	4.5	343.8
	5.4	342.9
c	5.0	343.3
	5.1	343.2
	4.1	344.2
E line	3.6	344.7
So. cb.		
E line	3.1	345.2
	4.4	343.9
	5.3	343.0
c	4.9	343.4
	5.3	343.0
	4.4	343.9
w line	5.3	343.0

So. ¼

w line	5.7	342.6
	4.7	343.6
	5.5	342.8
c	5.1	343.2
	5.1	343.2
	3.9	344.4
E line	4.0	344.3
Center		
E line	3.8	344.5
	4.3	344.0
	4.8	343.5
c	5.3	343.0
	6.1	342.2
	7.0	341.3
w line	8.4	339.9

POSTED

N 1/4

W line	8.3	340.0
	7.2	341.1
	6.1	342.2
C	5.7	343.2
	4.8	343.5
	4.4	343.9
E line	4.1	344.2

N. cb.

E line	3.1	345.2
	3.6	344.7
	4.8	343.5
C	5.7	343.2
	6.2	342.1
	7.2	341.1
W line	8.3	340.0

N. line monroe

W line	6.1	342.2
	4.9	343.4
	5.1	343.2
C	4.5	343.8
	4.5	343.8
	3.3	345.0
E line	3.1	345.2

Sect. on AB - Fig. 1.

E line	3.1	345.2
	3.2	345.1
	4.5	343.8
C	4.3	344.0
	4.6	343.7
	4.8	343.5
W line	5.1	343.2

25' N Sect. A.B.

White	4.5	343.8
	4.6	343.7
	4.7	343.6
C	4.0	344.3
	4.1	344.2
	3.3	345.0
E line	2.2	346.1

50' N

E line	2.6	345.7
	3.4	344.9
	4.2	344.1
C	4.0	344.3
	4.5	343.8
	4.6	343.7
White	5.3	343.0

75' N

White	5.2	343.1
	5.0	343.3
	4.8	343.5
C	4.1	344.2
	4.4	343.9
	3.5	344.8
E line	3.6	344.7

100' N

E line	3.1	345.2
	4.4	343.9
	5.2	343.1
C	4.8	343.5
	5.7	342.6
	5.6	342.7
White	6.0	342.3

	125' N		
W line		6.9	341.4
		6.4	341.9
		6.4	341.9
C		5.7	342.6
		6.1	342.2
		4.5	343.8
E line		2.6	345.7
	150' N		
E line		4.7	343.6
		5.6	342.7
		7.2	341.1
C		6.9	341.4
		7.7	340.6
		8.0	340.3
W line		8.6	339.7

348.32

		175' N			
W line			9.7		338.6
			8.9		339.4
			9.2		339.1
C	POSTED		8.4		339.9
			8.4		339.9
			6.3		342.0
E line			5.1		343.2
		200' N			
E line			6.5		341.8
			7.3		341.0
			9.0		339.3
C			9.5		338.8
			10.7		337.6
			11.0		337.3
W line			12.1		336.2
J.P.	4.37	H.F. 343.25	9.44	338.88	

343.25

225' N

W line	9.9	333.4
	7.9	335.4
	6.6	336.7
C	5.6	337.7
	6.1	337.2
1/4 + 7'	3.6	339.7
	2.7	340.6
E line	1.4	341.9

250' N

E line	2.2	341.1
	3.6	339.7
CB + 7'	4.8	338.5
	6.9	336.4
C	6.8	336.5
	7.5	335.8
—	12.0	331.3
W line		

275' N

W.CB	13.5	329.8
	8.7	334.6
C	7.9	335.4
	7.5	335.8
1/4 × 4'	6.1	337.2
	4.3	339.0
E line	2.3	341.0

300' N

E line	2.9	340.4
	6.1	337.2
CB × 7'	6.6	336.7
	8.4	334.9
C	8.5	334.8
W 1/4	10.0	333.3

	312' N		
W 1/4		10.2	333.1
C		8.4	334.9
		8.3	335.0
		6.1	337.2
E line		3.2	340.1
	325' N		
E line		3.8	339.5
		6.6	336.7
		8.6	334.7
C		8.5	334.8
W 1/4		10.3	333.0
	334.3 N (So. line Oklahoma)		
W 1/4		9.7	333.6
C		8.5	334.8
		8.8	334.5
		8.2	335.1
E line		4.4	338.9

	So. cb		
E line		4.6	338.7
Prop + 5'		7.3	336.0
cl		8.3	335.0
	POSTED	8.9	334.4
C		8.4	334.9
W 1/4	So 1/4	9.8	333.5
W line		11.7	331.6
cb		12.9	330.4
W 1/4		9.3	334.0
C		8.4	334.9
		9.0	334.3
		8.3	335.0
cb + 11'		5.7	337.6
E line		2.6	340.7
	Center		
E line		2.0	341.3
Prop + 3'		5.5	337.8
		8.0	335.3
		8.2	335.1
C		8.1	335.2
		8.9	334.4

	Center		
CB		12.8	330.5
W line		9.4	333.9
	N 1/4		
W line		6.7	336.6
		7.7	335.6
		8.1	335.2
C		7.7	335.6
		8.1	335.2
		7.5	335.8
CB + 11'		4.9	338.4
E line		1.9	341.4
	N. CB.		
E line		1.5	341.8
Prop + 3'		4.5	338.8
		7.0	336.3
		8.1	335.2
C		7.4	335.9
		8.2	335.1
		6.0	337.3
W line		4.4	338.9

343.25

	N line Oklahoma			
W line		1.52	341.73	B.M.
		3.0		340.3
		7.4		335.9
C		6.7		336.6
		7.4		335.9
		5.2		338.1
CB + 11'		3.2		340.1
E line		1.0		342.3
	200' So. Madison			
E line		0.1		343.2
Prop + 2'		1.8		341.5
		3.0		340.3
		5.6		337.7
C		4.4		338.9
		4.6		338.7
1/4 + 5'		1.9		341.4
		1.1		342.2
W line		0.7		342.6
J.P.	0.39	H.I. 330.67	12.97	330.28

POSTED

330,67

250' N Sect. A B.

W line	4.3	326.4
275' N		
W line	9.6	321.1
cb	.45	326.2
300' N		
cb	8.4	322.3
W line	16.6	314.1
312' N		
W line	16.3	314.4
cb	8.2	322.5
325' N		
cb	6.6	324.1
W line	10.1	320.6
So. line Oklahoma		
W line	6.7	324.0
cb	5.2	325.5

33067

So cb.

cb		3.1		327.6
W line		1.4		329.3
T.P.	11.45	H.I. 353.18	1.52	341.73
175' So. Madison				
W line		9.2		344.0
		9.6		343.6
cb +7'		10.4		342.8
		12.1		341.1
e		11.4		341.8
		12.1		341.1
		10.4		342.8
E line		8.9		344.3
150' So.				
E line		7.9		345.3
		8.4		344.8
		10.0		343.2
c		9.7		343.5
		10.3		342.9

1/4

353.18

1/4+3'	8.1	345.1
cl	8.1	345.1
w line	7.4	345.8
125' So.		
w line	7.5	345.7
	6.6	346.6
cb+11'	7.0	346.2
	9.3	343.9
c	8.6	344.6
	9.2	344.0
	7.7	345.5
E line	7.3	345.9
100' So.		
E line	6.7	346.5
	7.1	346.1
	8.1	345.1
c	7.7	345.5
	8.2	345.0
1/4+3'	6.9	346.3
	6.3	346.9
W. line	6.6	346.6

75' So.		
w line	6.7	346.5
	5.7	347.5
cb+11'	6.3	346.9
	7.5	345.7
c	6.8	346.4
	7.5	345.7
	7.0	346.2
E line	6.6	346.6
50' So.		
E line	6.3	346.9
	5.7	347.5
	6.5	346.7
c.	6.2	347.0
	6.5	346.7
1/4+2'	5.4	347.8
	5.2	348.0
W line	6.6	346.6

POSTED

25' So		
W line	6.0	347.2
	5.6	347.6
	6.0	347.2
C	5.5	347.7
	6.3	346.9
	4.9	348.3
E line	4.6	348.6
So. line Madison		
E line	5.5	347.7
	5.3	347.9
	5.8	347.4
C	5.3	347.9
	5.9	347.3
	5.9	347.3
W line	6.5	346.7

So. cb		
W line	5.2	348.0
	3.8	349.2
	5.5	347.7
C	5.1	348.1
	5.7	347.5
	5.2	348.0
E line	4.3	348.9
So. 1/4		
E line	4.4	348.8
	4.5	348.7
	5.2	348.0
C	4.9	348.3
	5.0	348.2
	3.6	349.6
W line	4.6	348.6

Center

W line	4.9	348.3
	4.9	348.3
	5.3	347.9
C	4.7	348.5
	5.0	348.2
	4.5	348.7
E line	4.5	348.7

M 1/4

E line	5.1	348.1
	5.1	348.1
	5.0	348.2
C	4.6	348.6
	5.3	347.9
	5.4	347.8
W line	5.5	347.7

N. 26

W line	6.0	347.2
	4.8	348.4
	5.2	348.0
C	4.5	348.7
	5.1	348.1
	5.3	347.9
E line	4.7	348.5

North line Madison

E line	4.9	348.3
	5.2	348.0
	4.8	348.4
C	4.5	348.7
	5.0	348.2
1/4 42'	3.2	350.0
	2.9	350.3
W line	5.2	348.0

25' N

W line	5.6	347.6
	5.2	348.0
	5.2	348.0
C	4.4	348.8
	4.9	348.3
1/4+5'	3.5	349.7
	3.8	349.4
E line	4.8	348.4

50' N

E. line	4.6	348.6
	3.6	349.6
C6+8'	2.6	350.6
	4.8	348.4
C	4.3	348.9
	5.0	348.2
	4.6	348.6
W line	5.0	348.2

75' N

W line	3.9	349.3
	4.3	348.9
	5.1	348.1
C	4.3	348.9
	4.9	348.3
1/4+3'	3.1	350.1
	4.0	349.0
E line	4.4	348.8

100' N

E line	3.5	349.7
	4.7	348.5
	4.8	348.4
C	4.3	348.9
	5.0	348.2
	3.6	349.6
W line	3.2	350.0

POSTED

	125' N	
White	4.7	348.5
	5.1	348.1
	4.9	348.3
C	4.3	348.9
	4.8	348.4
1/4 +5'	2.8	350.4
	2.5	350.7
Elmo	3.8	339.4
	150' N	
Elmo	3.9	349.3
	4.3	348.9
	4.8	348.4
C	4.3	348.9
	4.9	348.3
	5.3	347.9
White	5.3	347.9

	175' N	
White	3.5	349.7
	3.2	350.0
	4.9	348.3
C	4.2	349.0
	4.8	348.4
	3.8	349.4
Elmo	2.4	350.8
	200' N	
Elmo	4.2	349.0
	4.0	349.2
	4.7	348.5
C	4.1	349.1
	4.8	348.4
	4.6	348.6
White	4.7	348.5

225' N

White	5.5	347.7
	5.2	348.0
	4.8	348.4
C	4.0	349.0
	4.8	348.4
	4.5	348.7
Elmo	4.3	348.9

250' N

Elmo	4.1	349.1
	3.8	349.4
	4.9	348.3
C	4.1	349.1
	4.9	348.3
	5.4	347.8
White	5.4	347.8

275' N

White	4.8	348.4
	4.5	348.7
	5.3	347.9
C	4.5	348.7
	5.2	348.0
	3.6	349.6
Elmo	4.2	349.0

300' N

Elmo	5.0	348.2
	5.2	348.0
	5.5	347.7
C	4.8	348.4
	5.5	347.7
1/4+6'	3.9	349.3
	4.0	349.2
White	4.9	348.3

325' N		
W line	6.1	347.1
	6.2	347.0
	5.9	347.3
C	5.1	348.1
	5.7	347.5
	4.5	348.7
E line	4.3	348.9
350' N		
E line	6.2	347.0
	4.9	348.3
CB+7'	4.3	348.9
	5.9	347.3
C	5.4	347.8
	6.3	346.9
	6.2	347.0
W line	5.9	347.3

375' N		
W line	6.1	347.1
	5.8	347.4
	6.6	346.6
C	5.8	347.4
	6.2	347.0
	6.3	346.9
E line	6.4	346.8
400' N		
E line	6.6	346.6
	5.3	347.9
CB+7'	5.2	348.0
	7.0	346.2
C	6.4	346.8
	7.2	346.0
	7.2	346.0
W line	7.0	346.2

425' N

W line	8.3	344.9
	7.8	345.4
	8.2	345.0
C	7.6	345.6
	8.1	345.1
	8.1	345.1
E line	7.9	345.3

450' N

E line	8.8	344.4
	7.9	345.3
	9.1	344.1
C	8.6	344.6
	9.6	343.6
	8.5	344.7
W line	9.5	343.7

353.18

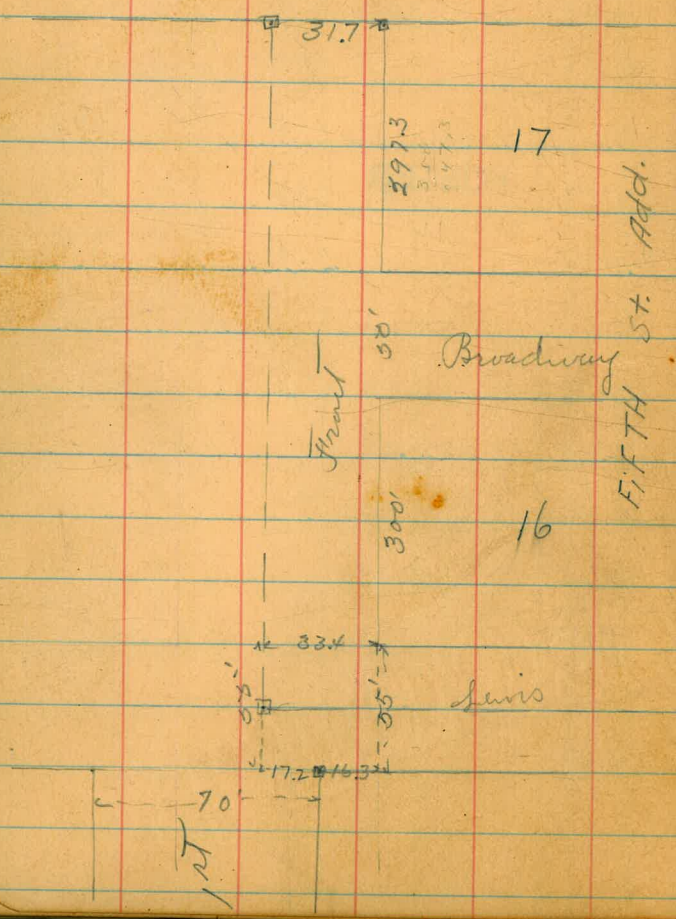
475' N

W line	12.2	341.0
	11.7	341.5
	11.6	341.6
C	10.8	342.4
	11.2	342.0
	11.0	342.2
E line	11.0	342.2

POSTED

X Section Front from Lewis to North line 5th St. add.

Note 10' curbs
11' Gravelers.



POSTED

		Childs Evans Barber		Sept. 10 1907	
	10.86	H.I. 291.23		S.E. cor. 1st & Wash. 280.37	B.M. 61
T.P.	7.84	H.I. 296.12	1.95	288.28	B.M. S.E. cor 1st & Lewis on hub.
		So. line Lewis			
E line			7.6	288.5	
			7.8	288.3	
			7.8	288.3	
P. line			7.8	288.3	
		So. cb			
P. line			7.7	288.4	
			7.8	288.3	
			8.0	288.1	
E line			7.8	288.3	
		So 1/4			
E line			7.8	288.3	
			7.7	288.4	
			7.6	288.5	
P. line			7.7	288.4	

I 96.12

center

P line	7.7	288.4
	7.5	288.6
	7.5	288.6
E line	7.5	288.6
N 1/4		
E line	7.0	289.1
	7.1	289.0
	7.3	288.8
P line	7.3	288.8
N. Cb		
P line	7.7	288.4
	7.6	288.5
	7.6	288.5
E line	7.5	288.6

N line Lewis

E line	7.5	288.6
	7.5	288.5
	7.6	288.5
P line	7.2	288.9
25' N		
P line	7.4	288.7
	7.5	288.6
	7.4	288.7
E line	7.5	288.6
50' N		
E line	7.0	289.1
	7.2	288.9
	7.1	289.0
P line	7.2	288.9

75' N

P.line	7.2	288.9
	7.0	289.1
	6.8	289.3
E.line	6.3	289.8

100' N

E.line	6.1	290.0
	6.8	289.3
	6.7	289.4
P.line	6.9	289.2

125' N

P.line	7.0	289.1
	6.6	289.5
	6.7	289.4
E.line	6.6	289.5

150' N

E.line	6.0	290.1
	6.2	289.9
	6.4	289.7
P.line	6.7	289.4

175' N

P.line	6.6	289.5
	6.5	289.6
	6.5	289.6
E.line	6.6	289.5

200' N

E.line	5.6	290.5
	5.6	290.5
	6.0	290.1
P.line	6.9	289.2

225' N

P line	7.4	288.7
	6.5	289.6
	6.0	290.1
E line	6.7	289.4

250' N

E line	8.1	288.0
	8.1	288.0
	7.4	288.7
P line	6.2	289.9

275' N

P line	7.4	288.7
	7.8	288.3
	8.2	287.9
E line	8.3	287.8

So line Broadway

E line	8.2	287.9
	8.2	287.9
	8.3	287.8
P line	7.6	288.5

So. cb.

P line	8.0	288.1
	8.3	287.8
	8.2	287.9
E line	8.2	287.9

So. 1/4

E line	7.9	288.2
	8.3	287.8
	8.3	287.8
P line	8.3	287.8

Center

Plus	8.4	287.7
	8.3	287.8
	8.3	287.8
Eline	7.8	288.3

21 1/4

Eline	7.9	288.2
	8.1	2880
	8.4	287.7
Plus	8.4	287.7

71.6b

Plus	8.2	287.9
	8.3	287.8
	8.3	287.8
Eline	7.8	2883

Nline Broadway

Eline	7.8	288.3
	8.4	287.7
	8.3	287.8
Plus	8.4	287.7

25' N

Plus	8.3	287.8
	8.1	288.0
	8.4	287.7
Eline	8.1	288.0

50' N

Eline	7.8	2883
	8.1	288.0
	7.3	2888
Plus	6.8	2893

75' N

Pline	8.7	287.4
	7.1	289.0
	7.0	289.1
Eline	6.8	289.3

100' N

Eline	6.7	289.4
	6.7	289.4
	6.9	289.2
Pline	7.5	288.6

125' N

Pline	7.3	288.8
	7.4	288.7
	7.3	288.8
Eline	7.1	289.0

150' N

Eline	6.6	289.5
	7.2	288.9
	6.9	289.2
Pline	6.8	289.3

175' N

Pline	6.5	289.6
	6.9	289.2
	6.3	289.7
Eline	5.6	290.5

200' N

Eline	5.2	290.9
	5.6	290.5
	5.9	290.2
Pline	6.2	289.9

225' N

Pline	4.4	291.7
	4.4	291.7
	4.6	291.5
Eline	4.8	291.3

250' N

Eline	3.5	292.6
	3.9	292.2
	4.2	291.9
Pline	4.6	291.5

275' N

Pline	3.5	292.6
	3.2	292.9
	2.9	293.2
Eline	3.0	293.1

297.3 N Pueblo line

Eline	2.9	293.2
	2.6	293.5
	2.1	294.0
Pline POSTED	1.7	294.4

9/19/07 Hatch Donnan Williams X sections 4th St - Lewis North to P.L.

	6.93	297.26			
BM Spk in pole 2d Lewis				290.33	
Hat. SW 4th Lewis	0.76	285.32	12.70	284.56	
	NL Lewis				
10' W			3.8		281.5
W			7.3		278.0
Cb.			12.2		273.1
TP	0.40	272.81	12.91	272.41	
1/4			5.4		266.4
Cr.			10.3		262.5
1/4			12.0		260.8
Cb.			12.3		260.5
E			14.3		258.5
25' E			18.7		254.1
	25' N of Lewis				
10' E			13.4		259.4
E			10.3		262.5
Cb.			5.0		267.8

POSTED

POSTED

		272.81			
1/4			3.3		269.5
Cr.			3.1		269.7
1/4			3.3		269.5
Cb.			4.5		268.3
	50' N				
10' E			10.9		263.9
E			5.6		267.2
T.P.	12.97	285.53	0.25	272.56	
	25' N.				
W			11.2		274.3
20' W			2.9		282.6
	50' N				
10' W			3.1		282.4
W			9.1		276.4
+5'			10.3		275.2
Cb.			8.2		277.3
1/4			4.1		281.4

285.53

cr	2,8	282.7
1/4	5.3	280.2
cb.	10.2	275.3

75' N

west slope same as at 50' N.

E	15.7	269.8
cb.	8.2	277.3
1/4	2.4	283.1
cr	2.0	283.5
1/4	1.7	283.8
cb	2.0	283.5
W	2,4	283.1

100' N.

W	1.1	284.4
cb	1.7	283.8
1/4	1,3	284.2
cr.	1,2	284.3

285.53

+10	1.9	283.6
1/4	3.2	285.3
cb.	9.4	276.1
E	16.5	269.0

125' N

E	15.2	270.3
cb.	7.7	277.8
1/4	2.0	283.5
cr.	1.1	284.4
1/4	1.0	284.5
cb	1.4	284.1
W	1.1	284.4

150' N

W	0.7	284.8
cb	0.7	284.8
1/4	0,6	284.9
cr	0,8	284.7

		285.53			
1/4			1.1		284.4
cb			2.7		282.8
E			10.5		275.0
T.P	9.55	287.59	7.49	278.04	
	175' N				
E			1.8		276.8
cb			7.6		280.0
1/4			5.1		282.5
cr			3.5		284.1
1/4			2.7		286.9
cb.			2.8		286.8
W			1.9		285.7
	500' N				
W			2.1		285.5
cb			2.8		284.7
1/4			4.6		283.0
cr.			8.8		278.8

		287.59			
1/4			13.2		274.4
cb.			16.5		271.1
E			20.3		267.3
13' E			25.6		262.0
	225' N				
13' E	same for 30'		32.5		255.1
E			27.8		259.8
cb.			23.4		264.2
1/4			17.7		269.9
cr.			12.0		275.6
1/4			6.5		281.1
cb.			3.3		284.3
W			2.3		285.3
	250 N				
W			1.2		286.4
cb			3.4		284.2
1/4			9.6		278.0

287.59

cr	15.5	272.1
1/4	21.0	266.6
cb.	26.0	261.6
E	32.0	255.6
13'	36.9	250.7
27.5' N.		
W	2.7	284.9
cb.	5.5	282.1
1/4	11.8	275.8
cr	17.1	270.5
1/4	26.1	261.5
cb.	26.7	260.9
E	26.9	260.7
15' E	27.9	259.7
300' N of Lewis - S.L. Broadway		
15' E	15.7	271.9
E	15.2	272.4

287.59

cb	14.2	273.4
1/4	15.6	272.0
cr.	17.4	270.2
1/4	11.0	276.6
cb.	6.2	281.4
W	3.0	284.6
S cb Broadway level 4th E.		
E	9.5	278.1
cb	9.7	277.9
1/4	11.3	276.3
cr	12.4	275.2
1/4	10.5	277.1
cb.	4.7	282.9
W	3.1	284.5
S 1/4		
W	3.0	284.6
cb.	4.5	283.1

POSTED

287.59

1/4	7.9	279.7
cr	8.8	278.8
1/4	7.2	280.4
cb	6.6	281.0
E	6.6	281.0
line of 2th ~~East~~ Cr Broadway		
E	2.9	284.7
cb.	3.1	284.5
1/4	4.0	283.6
cr	5.6	282.0
1/4	4.8	282.8
cb.	3.6	284.0
W	3.0	284.6
N 1/4		
W	2.6	285.0
cb	3.0	284.6
1/4	2.6	285.0

287.59

cr	2.4	285.2
1/4	2.2	285.4
cb	2.2	285.4
E	2.1	285.5
N cb.		
E	1.9	285.7
cb	2.0	285.6
1/4	2.1	285.5
cr	2.0	285.6
1/4	2.5	285.1
cb	2.7	284.9
W	2.5	285.1
N L	~~2.1~~	
W	2.1	285.5
cb.	2.4	285.2
1/4	2.2	285.4
cr	1.9	285.7

		287.59			
1/4			2.1		285.5
cb			1.7		285.9
E			1.6		286.0
BM Lewis			3.03	284.56	
TP	4,845	290,565	1.87	285,72	
BM {Cop tack, Top Fence Post. N# Cor Broadways}			0.87	289.695	
	392	293.615		289.695	
	25' N of Broadway				
W			7.9		285.7
cb.			7,9		285.7
1/4			7,9		285.7
cr			7.8		285.8
1/4			7.5		286.1
cb			7,3		286.3
E			7.1		286.5

		293,615			
	50' N.				
E			7.4		286.2
cb			7,4		286.2
1/4			7.2		286.4
cr			7.0		286.6
1/4			7.7		286.9
cb			6,6		287.0
W			7.5		286.1
	75' N				
W			7,1		286.5
cb			6.7		286.9
1/4			7,0		286.6
cr			6.9		286.7
1/4			6,9		286.7
cb			6.8		286.8
E			7.0		286.6

293.615

100' N

E	6.6	287.0
ab	5.9	287.7
1/4	6.2	287.4
cr	6.8	286.8
1/4	6.6	287.0
ab	6.7	286.9
W	6.5	287.1

125' N.

W	5.9	287.7
ab	6.0	287.6
1/4	6.2	287.4
cr	6.6	287.0
1/4	6.4	287.2
ab	6.3	287.3
E	6.2	287.4

293.615

150' N.

E	4.3	289.3
ab	4.4	289.2
1/4	5.6	288.0
cr	5.7	287.9
1/4	5.6	288.0
ab	5.6	288.0
W	5.7	287.9

175' N

W	5.2	288.4
ab	5.1	288.5
1/4	5.1	288.5
cr	4.8	288.8
1/4	5.5	288.1
ab	5.3	288.3
E	5.5	288.1

293.615

200' N. of Broadway

E	5.1	288.5
cb	5.0	288.6
1/4	5.1	288.5
cr	4.9	288.7
1/4	5.0	288.6
cb	4.8	288.8
W	4.8	288.8

255' N.

W	4.0	289.6
cb	4.8	288.8
1/4	4.9	288.7
cr	4.7	288.9
1/4	4.9	288.7
cb	4.6	289.0
E	4.7	288.9

250' N

E	4.5	289.1
cb	4.2	289.5
1/4	4.6	289.0
cr	4.7	288.9
1/4	4.2	289.4
cb	4.3	289.5
W	4.2	289.4

275' N

W	4.3	289.3
cb	4.6	289.0
1/4	4.2	289.4
cr	3.3	290.3
1/4	4.2	289.4
cb	4.0	289.6
E	4.1	289.5

293.15

300' N of Broadway = 5th Stockton

E	3.6	291.0
cb	3.6	290.0
1/4	3.6	290.0
cr	4.0	289.6
1/4	4.1	289.5
cb	3.8	289.8
W	4.1	289.5

5 th. Stockton

W	4.2	289.4
cb	4.0	289.6
1/4	4.0	289.6
cr	3.1	290.5
1/4	3.7	289.9
cb	3.4	290.2
E	2.8	290.8

Centre

E	2.9	290.7
cb	3.4	290.2
1/4	3.0	290.6
cr	2.6	291.0
1/4	3.7	289.9
cb	2.6	291.0
W	3.1	290.5

5 1/4

W	3.8	289.8
cb	3.6	290.0
1/4	3.8	289.8
cr	3.5	291.1
1/4	3.7	290.8
cb	3.4	290.2
E	3.9	290.7

293.615
N 1/4 Stockton

E	2,8	290.8
cb	3.2	290.4
1/4	2,8	290.8
cr	3,0	290.6
1/4	3,3	290.3
cb	2,4	291.2
W	3.0	290.6

N cb.

W	3,3	290.3
cb	2,5	291.1
1/4	2,9	290.7
cr	3,3	290.3
1/4	3,3	290.3
cb	3,1	290.5
E	2.7	290.9

N Line

E	2.8	290.8
cb	3,1	290.5
1/4	3,2	290.4
cr	3,2	290.4
1/4	2.9	290.7
cb	2.9	290.7
W	3.3	290.3

50' N of Stockton

W	3,4	290.2
cb	2,5	291.1
1/4	2,2	291.4
cr	3,1	290.4
1/4	3,0	290.6
cb	3,1	290.5
E	2.9	290.7

293.615
100' N.

E			3.7		289.9
cb			3.9		289.7
1/4			3.9		289.7
cr			4,0		289.6
1/4			3,1		290.5
cb			3,3		290.3
W			3.8		289.8

135' N.

W			3,1		290.5
cb			3,7		289.9
1/4			4,5		289.1
cr			4,6		289.0
1/4			3,6		290.0
cb			3,0		290.6
E			4,5		289.1
BM NW Hub Stockton			3.345	290.270	
T.P.	2795	291.14	5.27	288.345	

150' N

E			2.8		288.3
cb			2,8		288.3
1/4			2,8		288.3
cr			2,6		288.5
1/4			2.5		288.6
cb			2.4		288.7
W			2,3		288.8

175' N.

W			2.7		288.4
cb			2.8		288.3
1/4			3.1		288.0
cr			3,3		287.8
1/4			3.5		287.6
cb			3.4		287.7
E			2.1		289.0

		291.14							279.10			
	200' N.						300' N					
E			4.6		286.5	E				10.7		268.4
cb			4.4		286.7	cb				10.2		
1/4			4.6		286.5	1/4				10.6		
cr			4.4		286.7	cr				10.5		268.6
1/4			4.5		286.6	1/4				9.8		
cb			4.4		286.7	cb				9.7		
W			4.3		286.8	W				9.1		270.0
	255' N					T.P	0.42	266.27		13.25	265.85	
							325' N					
W			4.9		286.2	W				7.4		258.9
cb			6.1		285.0	cb				6.5		
1/4			6.0		285.1	1/4				7.5		
cr			5.4		285.7	cr				6.6		259.7
1/4			6.5		284.6	1/4				6.8		
cb			7.0		284.1	cb				7.1		
E			7.2		283.9	E				7.1		259.2
	250' N.					T.P	0.67	253.97		12.97	253.30	
							350 N					
E			12.9		278.2	E				3.8		250.1
cb			12.5		278.6	cb				4.1		
1/4			11.7		279.4	1/4				5.8		
cr			11.4		279.7	cr				9.0		247.9
1/4			11.1		280.0	1/4				9.5		
cb			10.6		280.5	cb				8.7		
W			10.1		281.0	W				8.8		245.1
T.P	0.18	279.10	12.22	278.92		T.P	0.89	241.91		12.95	241.02	
	275' N.					W line 365' N of Stockton				7.3		234.6
W			2.1		277.0				375' N			
cb			2.0			W				5.2		236.7
1/4			2.3			cb				12.7		
cr			4.0		275.1	1/4				14.8		
1/4			5.2			cr				11.8		230.1
cb			5.7			1/4				8.5		
E			6.2		272.9	cb				7.8		
						E				8.7		233.2

6' - 26.6

		241.91			
	400' N				
E			23.1		218.8
cb.			22.1		
+6			23.0		
1/4			19.8		
cr			10.0		231.9
1/4			8,2		
cb			2.3		
W			+5,3	247,2	247.2
EL(406)N		425' N	26.6		
E			14,8		227.1
cb.			9.9		
1/4			6.9		
cr.			4.0		237.9
1/4			+0.1	242,0	
T.P.	12.38	254.11	0.18	241.73	
cb			8.2		
W			3.7		250.4
		450' N			
E			14,6		239.5
cb			8.7		
1/4			5.3		
cr.			2.7		251.4
TP	12.17	266.23	0.05	254.06	
1/4			12.0		
cb			9.4		
W			6.2		260.0
		475' N			
E			12.8		253.4
cb			11.3		
1/4			9.0		
cr			7.3		258.9
1/4			4,3		
cb			0.2	270.4	
W			+4.2		270.4

			L 7.2 / 259.0	C 5.1 / 261.1	
		266.23			
	500' N				
E			10.3		255.9
cb			8.1		
1/4			5.3		
cr.			1.5		264.7
T.P.	12.22	278.26	0.19	266.04	
1/4			9.2		
cb			6,3		
W			4.7		273.6
	525' N				
W			1.2		277.1
cb			3.8		
1/4			5.5		
cr.			9.1		269.2
1/4			13.9		
cb			15.1	261.1	
E			17.2	259.8	259.0
	550' N				
E			18.5		257.7
cb			16.0		
1/4			10.5		
cr			6.2		260.0
1/4			4,3		
cb			2,6		
W			+0.4	278.7	278.7
	575' W				
W			+1.3	279.6	279.6
cb.			1.7		
1/4			3.6		
cr			6.2		272.1
1/4			11.0		
cb			15.0		
E			18.8		259.5

277

POSTED 278.26

600 N.

E	27.5		250.8
cb	19.9		
1/4	13.8		
cr	8.6		269.7
1/4	4.3		
cb	2.5		
W	+0.3	278.6	

P.L.

W	+0.3	278.6	
cb	2.5		
1/4	4.5		
cr	9.7		268.6
1/4	14.5		
cb	20.9		
E	28.7		249.6

PC

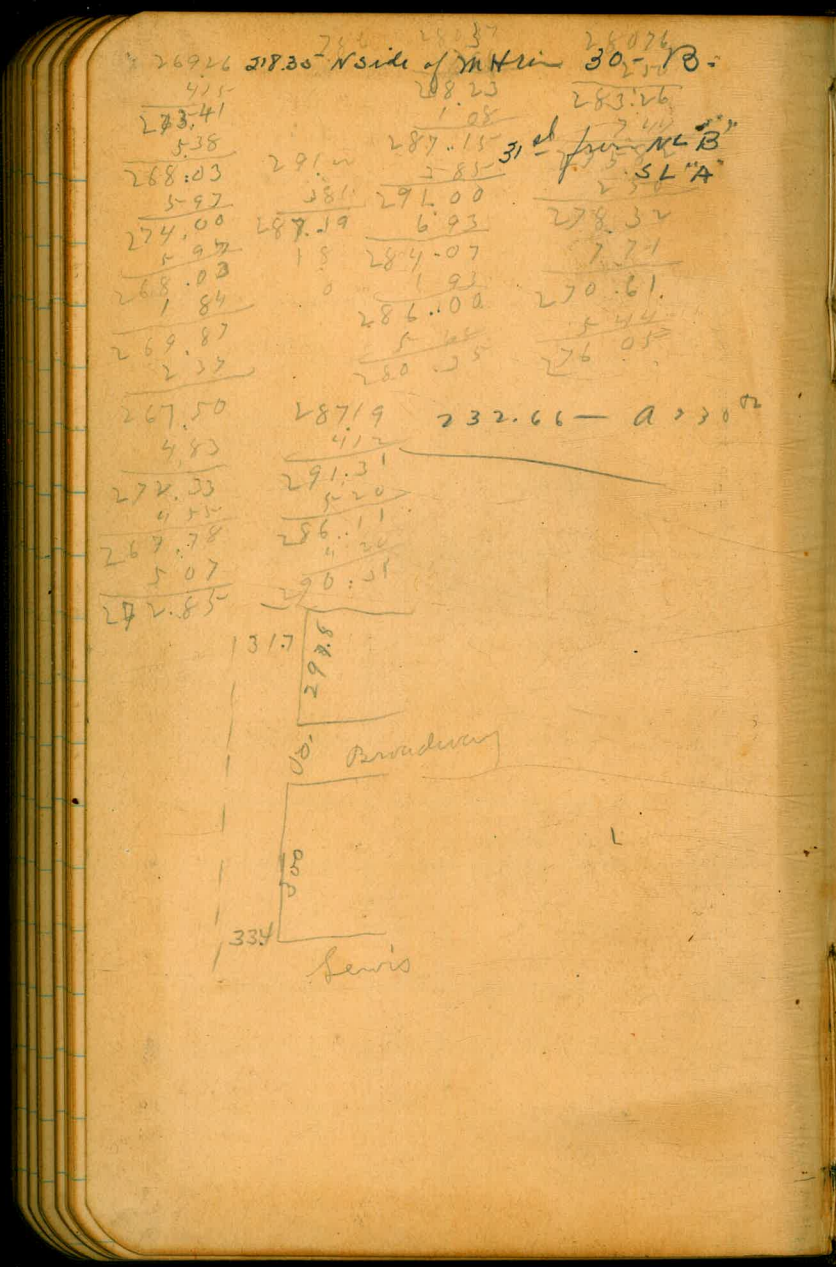
E
cb
1/4
cr
1/4
cb
W

W/
cb
1/4
cr
1/4
cb
E

11

480 1
12 2

44
64



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.		

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