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

TRANSIT

398

F.B. 346

TRAVERSE TABLE FOR TRANSIT BO

From 1° to 90° for a distance of 1

346

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	46.18	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.		

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City Hall, San Diego, Cal.

Crocker Quality

TRANSIT BOOK

No._____

MANUFACTURED BY

H. S. CROCKER CO.

SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

FROM
LORING'S BOOK STORE
SAN DIEGO, CAL.

FB # 346 PAGE

29th FROM JUNIPER 1-23
to ELM. X-SECTIONS

UNION St., REDWOOD 24-30.
to PALM.

EVANS St. M to — 32-36
NORTH END.
X-SECTIONS.

CURLEW; THORN to — 37-53
PALM. X-SECTION

FALCON St., HORTON AVE. 54-64
to BROOKS St. PROFILE

32nd St., F to I — 65-
SEWER CHANGE

CURLEW; OLIVE to PALM - 66-70
LEVELS

CURLEW; REDWOOD to 71-72
SPRUCE

CURLEW; OLIVE to - 73-76
NUTMEG. X-SECT.

NL Elm - SL Juniper } 4/16/08
H - NL Beech. }

30th Laurel -

BM	1.54	294.94		293.405	
	5.48	296.10	4.32	290.62	
	0.34	286.25	10.19	285.91	
	2.07	275.50	12.82	273.43	
BM			5.53	269.97	SE. Hub 29th - Juniper
BM SE F.P. 29th Ivy.	0.86	270.47	5.89	269.61	
	9.68	268.54	11.61	258.86	
BM NE F.P. 29th Hawthorn	1.09	269.25	0.38	268.16	
BM NE 29th N. Spk 29th - Grape.	0.05	257.98	11.32	257.93	
	1.96	247.45	12.49	245.49	
BM Spk Pole Fir.	4.40	243.26	8.59	238.86	
SE } Hub Elm -	3.13		9.63	233.63	233.70
SW }			7.05		

— Index —

Union St. Redwood to Palm, 24

4/17/08

Sections 29th from — Juniper to Elm —

Hatch
Evans
Emery

1

29th Juniper

0.10 270.07 269.97 BM SE Hub

5 L Juniper

E	0.1	270.
cb	1.8	268.3
1/4	3,3	266.8
c	4,3	265.8
1/4	5.1	265.0
cb	7,3	262.8
W	8,9	261.2

POSTED

25' S.

E	3.0	267.1
cb	5,2	264.9
1/4	7,2	262.9
c	8,4	261.5
1/4	9.9	260.2
cb	11,6	258.5

50' S

E	5.0	265.1
cb	9.2	260.9
1/4	13,6	256.5
+5	15.6	254.5
c	13.7	256.4
1/4	16.2	253.9

270.07

65 S

E		4.6	265.5
cb		7.3	262.8
1/4		10.7	259.4
C		16.4	253.7

75' S

E		4.0	266.1
cb		7.2	262.9
1/4		9.0	261.1
C		11.1	259.0
1/4		15.4	254.7

100' S

E		1.5	268.6
cb		4.4	265.7
1/4		6.3	263.8
C		8.9	261.2
1/4		11.1	259.0
cl		13.4	256.7
TP	7.94	274.57 3.44	266.63

125' S

E		4.1	270.5
cb		6.1	268.5
1/4		7.8	266.8
C		9.6	265.0

274.57

1/4	12.3	262.3
cb	14.6	260.0

150' S

E	3.3	271.3
cb	5.2	269.4
1/4	6.8	267.8
C	8.4	266.2
1/4	10.0	264.6
cb	12.3	262.3
W	14.6	260.0
10' W	16.0	258.6

175' S

E	3.5	271.1
cb	5.0	269.6
1/4	7.0	267.6
C	8.7	265.9
1/4	10.7	263.9
cb	13.0	261.6

200' S

E	4.2	270.4
cb	6.5	268.1
+10	7.6	267.0
1/4	9.5	265.1
C	16.0	258.6

	274.57		
225' S			
E		4.3	270.3
ch.		7.4	267.2
1/4		15.0	259.6
250' S			
E		4.6	270.0
ch		7.5	267.1
1/4		15.5	259.1
275' S			
E		5.0	269.6
45		6.6	268.0
ch.		12.1	262.5
290' S			
E		6.1	268.5
ch.		13.3	261.3
300' S = NL IV Y			
20' E		8.7	265.9
E		12.6	262.0
T.P.	0.21 261.92	12.86	261.71
25' S of Tamper			
W.		6.0	255.9
20 W		9.9	252.0
50' S			
W ch.		9.0	252.9

	261.92		
W		13.0	248.9
25 W		22.5	239.4
65' S			
25' W		30.4	231.5
W		21.3	240.6
ch		17.2	244.7
1/4		13.0	248.9
75' S			
25 W		23.3	238.6
W		14.2	247.9
ch.		10.4	251.5
100' S			
25 W		13.4	248.5
W		7.7	254.2
125' S			
W		3.6	258.3
25 W		8.2	253.7
175' S			
W		7.1	254.8
25 W		12.1	249.5
T.P. (Rock)	3.21 252.56	12.57	249.35
200' S			
30' W	same elev. to Tee	18.3	234.3
W		9.7	242.9

4 Hatch
20 William
05 Moore

255.56

cb.	5.3	247.3
1/4	0.3	252.3
225' S.		
C.	+1.6	254.2
1/4	5.7	246.9
cb	13.7	238.9
W	21.0	231.6
9' W	22.5	230.1
50 W	22.0	230.6
250' S		
30 W	7.6	245.0
W	12.8	239.8
cb.	17.7	234.9
1/4	10.1	242.5
C	2.6	250.0
275' S		
E 1/4	+3.5	256.1
C	4.6	248.0
1/4	11.0	241.6
1/4 +16'	15.0	237.6
cb	10.2	242.4
W	2.1	250.5
15 W	+6.4	259.8

252.56

500' S - N. Ivy

W			+10.0	262.6
cb.			+2.9	255.5
1/4			5.4	242.2
C			10.7	241.9
T.P.	12.36	262.94	1.95	250.58
1/4			11.8	251.1
cb.			7.4	255.5
N. Cb. Ivy.				
20' E			1.1	261.8
E			9.9	253.0
cb.			13.4	249.5
1/4			14.0	248.9
C			14.0	248.9
1/4			9.0	253.9
cb			3.4	249.5
N. 1/4 Ivy.				
20 E			8.0	254.9
E			4.1	258.8
cb			3.4	259.5
1/4			1.5	261.4
C			3.3	259.6
T.P.	9.27	271.52	0.69	262.25
BM			1.94	269.58 — 269.61

271.52

N Cb. Ivy.

W	6,6	264.9

N 1/4 Ivy.

W	5,5	266.0
cb.	6,1	265.4
1/4.	6,5	265.0

Cr. Ivy.

E	3,1	268.0
cb	3,9	267.6
1/4	4,8	266.7
c	5,2	266.3
1/4	5,3	266.2
cb	5,0	266.5
W	4.7	266.8

S 1/4.

W	4,6	266.9
cb	4,6	266.9
1/4	4,6	266.9
c	4,4	267.1
1/4	3,9	267.6
cb	3.4	268.1
E	2,4	269.1

271.52

S Cb. Ivy

E	2,2	269.3
cb	3,2	268.3
1/4	3,9	267.6
c	4,4	267.1
1/4	4,8	266.7
cb	4,7	266.8
W	4.6	266.9

S 1. Ivy.

W	4.9	266.6
cb	5.2	266.3
1/4	4,9	266.6
c	4.7	266.9
1/4	3.7	267.9
cb	3,2	268.3
E	2.2	269.2

25's of Ivy

E	2.7	268.8
cb	3.8	267.7
1/4	4.5	267.0
c	5.3	266.2
1/4	5.7	265.8
cb	6.1	265.4
W	5.9	265.6

POSTED

271.52

50' S

W	8,0	263.5
cb	7,3	264.2
1/4	7,0	264.5
c	6,3	265,2
1/4	5,6	265.9
cb	4,5	267.0
E	3,5	268.0

75' S

E	4.7	266.8
cb	5,5	266.0
1/4	6,5	265.0
c	7,4	264.1
1/4	8,3	263.2
cb	9,0	262,5
W	9,5	262.0

100' S

W	12.7	258.8
cb,	14.0	257,5
1/4	10,6	260.9
c	8,8	262,7
1/4	8.0	263,5
cb	6,8	264.7
E	5,5	266.0

271.52

T.P.	0.0 F 265.88	5.72	265.80

125' S

E	1.2	264.7
cb	2.3	263.6
1/4	6,0	259.9
c	12.3	253.6
1/4	16.0	249.9

135' S

E	1.7	264.2
cb	3.2	262.7
1/4	5,6	260.3
c	12,3	253.6

150' S

10 E	1.5	264.3
E	9.2	256.7
cb.	13.0	252.9
1/4	11.8	254.1
c	17.3	248.6

175' S

7' E	2.0	263.9
E	7.2	258.7
cb	15.2	250.7

		265.88		
		300 S		
20' E			3.6	252.3
E			13.0	252.88
T.P.	0.90	266.70		265.80
T.P.	0.16	253.94	12.92	253.78
Cb.			3.8	250.1
1/4			9.7	244.2
+7			11.8	242.1
C			8.3	245.6
1/4			1.3	252.6
		208 S		
9 E	same slope for 20' more		0.0	253.9
E			4.7	249.2
Cb.			8.5	245.4
1/4			8.3	245.6
C.			6.5	247.4
1/4			0.0	253.9
		125 S		
W Cb			6.7	247.2
W			7.8	246.1
20' W			11.3	242.6
		135 S		
30' W			18.0	235.9
W			12.0	241.9

		253.94		
Cb.			12.0	241.9
1/4			8.9	245.0
		150 S		
30' W			23.3	230.6
W			19.0	234.9
Cb			16.0	237.9
1/4			10.4	243.5
		156 S		
30' W			18.5	235.4
W			20.8	233.1
Cb.			18.2	235.7
		175 S		
30' W			4.6	249.3
W			5.4	248.5
Cb.			6.4	247.5
1/4			8.6	245.3
C			14.0	239.9
1/4			11.2	242.7
T.P. (Rock)	11.98	265.70	0.22	253.72
Rock.	2.52	265.91	2.31	263.39
		200 S		
20' W			7.2	258.7
W			6.0	259.9
Cb.			5.8	260.1

4/22/08 {Hatch, Moore, Thomas

		265.91		
+6'			6.3	259.6
		208' S.		
10 W			6,0	259.9
W			5,0	260.9
cb			4,8	261.1
+7'			5.0	260.9
		225' S		
W			3.2	262.7
cb			2,5	263.4
1/4			2,6	263.3
c			3,6	262.3
1/4			5,2	260.7
cb			8.4	257.5
E			14,4	251.5
15 E			7.1	258.8
		250' S		
E			2.8	263.1
cb,			1.8	264.1
T.P.	5.47	~~270,36~~ 270.44	1.0 E	264,89
1/4			5.0	265.4
c			4,5	265.9
1/4			4.7	265.7
cb			5,3	265.1
W			5.7	264.7

~~24.816~~ 228 ~~270.44~~

228 / 268.08 / 248.16 / .08 check —

~~270.36~~ ~~270.44~~

275' S

W	5,2	265,2
cb	4.7	265,7
1/4	4.2	266.2
c	3.9	266.5
1/4	3,6	266.8
cb	3,4	267.0
E	3,1	267.3
	300' S = NL. Hawthorn	
E	2,6	267.8
cb	3,0	267.4
1/4	3,6	266.8
c	3.7	266.7
1/4	4.1	266.3
cb	4,5	265.9
W	5.2	265,2
	SL Hawthorn.	
W	5.9	264.5
cb	5,3	265,1
1/4	5,0	265.1
c	4.7	265.7
1/4	4.1	266.3
cb	3,8	266.6
E	3,3	267.1

270.44

25's of Hawthorn

E	4.0	266.4
cb	4.4	266.0
1/a	4.7	265.7
c	5.2	265.2
1/a	5.7	264.7
cb	6.0	264.4
W	6.5	263.9

50's.

W	7.3	263.1
cb	6.8	263.6
1/a	6.2	264.2
c	5.5	264.9
1/a	5.8	265.1
cb	5.0	265.4
E	4.5	265.9

75's

E	5.0	265.4
cb	5.8	264.6
1/a	6.0	264.4
c	6.5	263.9
1/a	6.9	263.5
cb	7.4	263.0
W	7.7	262.7

270.44

100's.

W	8.6	261.8
cb	8.1	262.3
1/a	7.7	262.7
c	7.3	263.1
1/a	6.8	263.6
cb	6.3	264.1
E	5.7	264.7

125's

E	6.5	263.9
cb	6.9	263.5
1/a	7.5	262.9
c	7.9	262.5
1/a	7.5	261.9
cb	7.9	261.5
W	9.6	260.8

150's

W	10.3	260.1
cb	9.6	260.8
1/a	9.2	261.2
c	8.7	261.7
1/a	8.1	262.3
cb	7.6	262.8
E	7.1	263.3

POSTED

270.44

175' S

E		7.8	262.6
cb		8.4	262.0
1/4		8.9	261.5
c		9.1	261.3
1/4		9.8	260.6
cb		10.3	260.1
W		10.9	259.5

200' S

W		11.6	258.8
cb		11.0	259.4
1/4		10.7	259.7
c		10.2	260.2
1/4		9.5	260.9
cb		9.4	261.0
E		8.9	261.5
T.P.	0.74	262.28 8.90	261.54

225' S.

E		1.6	260.7
cb		2.1	260.2
1/4		2.6	259.7
c		2.9	259.4
1/4		3.4	258.9
cb		3.8	258.5
W		4.4	257.9

262.28

250' S.

W		5.5	256.8
cb		5.2	257.1
1/4		4.8	257.5
c		4.2	258.1
1/4		3.5	258.8
cb		3.4	258.9
E		2.7	259.6

275' S

E		4.0	258.3
cb		4.3	258.0
1/4		4.8	257.5
c		5.3	257.0
1/4		6.3	256.0
cb		7.0	255.3
W		7.3	255.0

300' S = N.L. Grape.

W		9.0	253.3
cb		9.2	253.1
1/4		8.1	254.2
c		7.1	255.2
1/4		6.4	255.9
cb		6.4	255.9
E		6.0	256.3

262.28

St Grape

E	7,6	254.7
cb	8.9	253.4
1/a	10,6	251,7
c	12,5	249.8
1/a	13,3	249.0
cb	13,2	249,1
W	13,0	249.3
25's		
W	15,8	246,5
cb	15,5	246.8
1/a	12.6	249.7
c	10,9	251.4
1/a	9,2	253.1
cb	8,2	254.1
E	6,9	255.4
50's		
E	7,1	255,3
cb	8.1	254.2
1/a	9,4	252.9
c	10,7	251.6
1/a	12,1	250.2
cb	13,2	249.1
W	15.1	247.2

262.28

75's of Grape

W	13,8	248,5
cb	12,4	249.9
1/a	11,1	251.2
c	10,3	252.0
1/a	9.2	253.1
cb	8.1	254,2
E	7.4	254,8
100's		
E	8,1	254,2
cb	8,9	253.4
1/a	9,9	252.4
c	10,8	251,5
1/a	11,7	250.6
cb	12.9	249.4
W	14,6	247,7
125's		
W	15.3	247,0
cb	13.8	248.5
1/a	12,5	249.8
c	11,5	250.8
1/a	10,3	252.0
cb	9,7	252,6
E	8.8	253.5

262.28

T.P.	1.1	253.47	9.92	252.36

150' S of Grade.

E	1.2	252.3
cb	1.9	251.6
1/a	2.9	250.6
c	3.8	249.7
1/a	5.1	248.4
cb	6.6	246.9
W	8.2	245.3

175' S.

W	10.7	242.8
cb	8.3	245.2
1/a	6.5	247.0
c	5.2	248.3
1/a	4.0	249.5
cb	3.1	250.6
E	2.3	251.2

200' S

E	3.7	249.8
cb	4.5	249.0
1/a	5.6	248.9
c	7.0	246.5
1/a	9.1	244.4
cb	11.4	242.1
W	12.8	240.7

253.47

225' S

W	13.9	239.6
cb	12.4	241.1
1/a	11.1	242.4
c	9.9	244.1
1/a	7.6	245.9
cb	6.4	247.1
E	5.7	247.8

250' S

E	8.3	245.2
cb	9.3	244.2
1/a	9.9	243.6
c	11.1	242.4
1/a	12.4	241.1
cb	13.5	240.0
W	14.6	238.9

275' S

W	15.5	238.0
cb	14.3	239.2
1/a	13.3	240.2
c	12.5	241.0
1/a	11.4	242.1
cb	10.6	242.9
E	10.6	242.9

		253.47			
	300 St Nl Fir				
E			13.0	240.5	
cb			13.6	239.9	
1/4			13.9	239.6	
c			14.6	238.9	
1/4			14.8	238.7	
cb			15.2	238.1	
W			15.8	237.7	
~~IR~~	1.86	243.24 ~~24,331~~	12.02	241.45	
BMp			4.38	238.93	238.86
	N Cb Fir				
E			4.1	239.1	
cb			4.9	238.3	
1/4			5.1	238.1	
c			5.5	237.7	
1/4			5.9	237.3	
cb			6.0	237.2	
W			6.1	237.1	
	N 1/4				
W			7.3	235.9	
cb			7.2	236.0	
1/4			6.7	236.5	
c			6.4	236.8	
1/4			6.2	237.0	
cb			5.9	237.3	
E			5.3	237.9	

4/23/08 Hatch Williams Moore

	243.24		
	Cr. Fir		
E		6.6	236.6
cb		7.4	235.8
1/4		7.7	235.5
c		7.8	235.4
1/4		8.0	235.2
cb		8.2	235.0
W		8.6	234.6
	S 1/4		
W		9.6	233.6
cb		9.0	234.2
1/4		9.2	234.0
c		9.2	234.0
1/4		8.8	234.4
cb		8.5	234.7
E		8.0	235.2
	S cb		
E		9.0	234.2
cb		9.5	233.7
1/4		10.0	233.2
c		10.6	232.6
1/4		10.7	232.5
cb		10.7	232.5
W		10.8	232.4

		243.24		
	SL Fir			
E			10,5	232,7
cb			10,8	232.4
1/4			11,1	232,1
c			11,6	231.6
1/4			12,0	231.2
cb			12,0	231,2
W			12,5	230.7
T.P.	0.34	231,18	12.40	230,84
	25' S			
W			4,0	227,2
cb.			3.7	227,5
1/4			3,4	227.8
c			3.2	228,0
1/4			2.4	228.8
cb			2,3	228,9
E			3,0	228.2
	50' S			
25' E			14.0	217.2
E			10,8	220.4
cb.			8.6	222.6
1/4			7.1	224.1
c			6.2	225.0
1/4			7.0	224.2
cb.			6,9	224.3

		231.18		
W			6.7	224.5
	75' S			
25 E			9.7	221,5
E			19.0	212.2
cb			19.7	211.5
1/4			20,8	210.4
c			19,3	211,9
1/4			16.5	214.7
cb			12.2	219.0
W			10.6	220,6
	85' S			
20 W			11.7	219,5
W			12.9	218.3
cb			17.5	213,7
1/4			20,5	210.7
c			22.0	209.2
1/4			19.6	211.6
cb			16.7	214.5
E			12.4	218.8
	100' S			
W			16.5	214.7
W			18.3	212,9
cb			23.0	208.2
1/4			21.5	209.7

		231.18		
C			17.3	213.9
1/4			13.2	217.9
cb			10.4	220.8
E			8.1	223.1
	125' S			
E			4.4	226.8
cb			7.2	224.0
1/4			9.4	221.8
c			10.9	220.3
1/4			14.4	216.8
cb			19.0	212.2
W			23.3	207.9
25' W			25.0	206.2
	150' S			
30' W			18.3	212.8
W			13.2	218.0
cb			10.9	220.3
1/4			9.3	221.8
c			7.3	223.8
1/4			5.5	225.7
TP	9.85	235.69	5.34	225.84
cb			8.7	227.0
E			6.6	229.1
25' E			3.5	232.2

		235.69		
	175' S			
20 E			2.6	233.1
E			4.2	231.5
cb			6.4	229.3
1/4			8.0	227.7
c			9.7	226.0
1/4			11.2	224.7
cb			12.9	222.8
W			14.5	221.2
25' W			17.9	217.8
	200' S			
25' W			15.0	220.7
W			12.0	223.7
cb			10.4	225.3
1/4			9.3	226.4
c			7.8	227.9
1/4			6.5	229.2
cb			4.5	231.2
E			3.0	232.7
	225' S			
E			1.6	234.1
cb			3.2	232.5
1/4			4.8	230.9
c			6.1	229.6

235.69

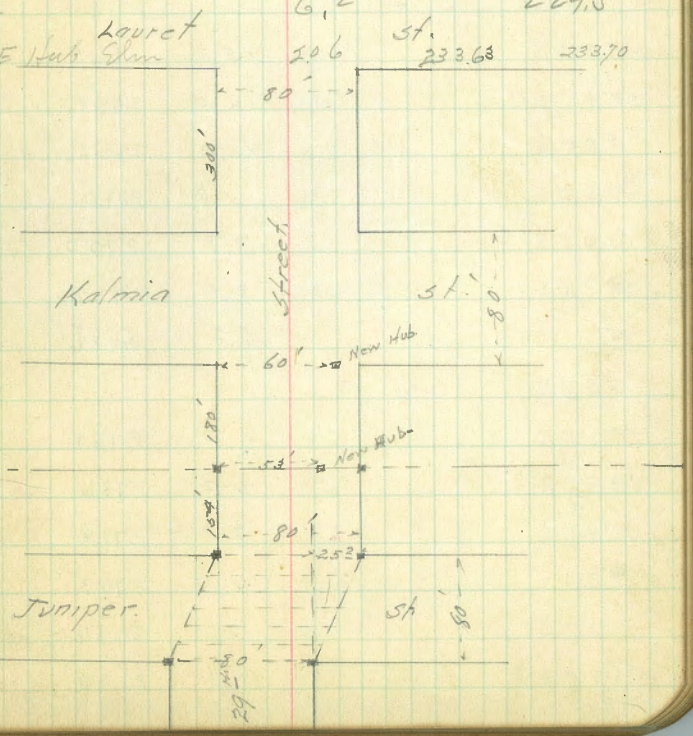
1/a	7,5	228.2
cb	8,4	227.3
W	9,3	226.4
25 W	11,1	224.6
250's		
25 W	11,5	224.2
W	7,6	228.1
cb	6,5	229.2
1/a	5,3	230.4
C	4,5	231.2
1/a	3,7	232.0
cb	2,2	233.5
E	1.3	234.4
275's		
E	2,1	233.6
cb	3,1	232.6
1/a	4,0	231.7
C	4.6	231,1
1/a	5.7	230.0
cb	7,7	228.0
W	11,2	224.5
25 W	18.2	217.7

235.69

300's = NL Elm

25'W	19.0	216.7
W	17,0	218.7
cb	16.0	219.7
1/a	11.8	223.9
C	10.8	224.9
1/a	10.6	225.1
cb	9.2	226.5
E	8,2	227.5
15' E	6,2	229.5
BM SE Hub Elm	2.6	

POSTED



4/27 {Hatch / Williams / Moore

Crosssections 29th St.

Juniper to Laurel

B.M. SE Hub 29th - Juniper 269.97 (978) (279.75)

S Cb Juniper

E	7.9	271.9
cb	10.0	270.8
1/4	11,3	268.5
c	12,0	267.8
1/4	12,9	266.9
cb	14,0	265.8
W	15,4	264.4

POSTED

S 1/4

W	13.3	266.5
cb	12,0	267.8
1/4	11,3	268.5
c	10,8	269.0
1/4	9,8	270.0
cb	8,1	271.7
E	6.2	~~271.6~~ 273.6

Cr

E	4.7	275.1
cb	6.2	273.6
1/4	8.0	271.8
c	9,5	270.3
1/4	10,1	269.7
cb	10,8	269.0
W	12,0	267.8

279.75

N 1/4 Juniper

W	10,9	268.9
cb	9.9	269.9
1/4	9.0	270.8
c	8,0	271.8
1/4	6,6	273.2
cb	4,8	275.0
E	3.6	276.2

N Cb

E	3,1	276.7
cb	4,2	275.6
1/4	5,5	274.3
c	6,9	272.9
1/4	8,1	271.7
cb	9.1	270.7
W	10.0	269.8

N L.

W	8.9	270.9
cb	8.1	271.7
1/4	7.1	272.7
c	5,8	274.0
1/4	4.3	275.5
cb	3,3	276.5
E	1.7	278.1

27975

25' N of Juniper

E			0,8	279.0
cb			2,7	272.1
1/4			4,0	275.8
c			4,7	275.1
1/4			6,3	273.5
cb			7,4	272.4
w			8.3	271.5
	50' N.			
w			7,6	272.2
cb			6,7	273.1
1/4			5,2	274.6
c			4.3	275.5
1/4			3,2	276.6
cb			2,0	277.8
E			+0.2	279.9
TP	4.54	282.15	2.14	277.61
	75' N.			
E			1.5	280.7
cb			3,8	278.4
1/4			5,4	276.8
c			6,4	275.8
1/4			7.6	274.6
cb			8.8	273.4
W			9.9	272.3

282,15

100' N

W	10.1	271.2
cb	8.8	273.4
1/4	8,0	274.2
c	6,3	275.9
1/4	4.8	277.4
cb	3,2	279.0
E	1.2	281.0
	125' N.	
E	0,7	281.5
cb	2,6	279.6
1/4	5,5	276.7
c	7.5	274.7
1/4	8,5	273.7
cb	9.8	272.4
W	11.2	271.0
	154' N. = RL.	
W	14.2	268.0
cb	12.5	269.7
1/4	12.1	270.1
c	9.7	272.5
1/4	7.3	274.9
cb	5.3	276.9
E	2.9	279.3

282.15

20' N of RL.

E	5.4	276.8
cb	7.3	274.9
1/4	9.4	272.8
c	11.7	270.5
1/4	13.7	268.5
cb	15.0	267.2

40' N.

E	6.6	275.6
cb	9.3	272.9
1/4	11.9	270.3
c	14.9	267.3

60' N.

E	8.3	273.9
cb	15.4	266.8

80' N.

20' E	3.9	278.3
E	7.5	274.7
cb.	11.0	271.2
1/4	15.2	267.0

105 N.

20 E	4.3	277.9
E	5.6	276.6
cb	8.0	274.2

282.15

1/4	10.8	271.4
c	13.3	268.9
1/4	16.6	265.6

130' N.

W 1/4	13.0	269.2
c	9.8	272.4
1/4	8.0	274.2
cb	5.6	276.6
E	4.1	277.1
10' E.	0.4	281.8

155 N

E	0.3	281.9
cb	2.0	280.2
1/4	4.5	277.7
c	6.3	275.9
1/4	9.0	273.2
cb.	11.4	270.8
W	16.5	265.7

T.P. 168 271.00 13.83 269.32

130 N

30 W	15.6	255.4
W	9.7	261.3
cb	5.5	265.5

271.00

105' N.

30' W	25.8	245.2
W	13.2	257.8
cb.	9.7	261.3

80' N.

30' W	28.8	242.2
W	22.4	248.6
cb	19.4	251.6
1/4	14.6	256.4
c.	8.3	262.7

60' N

W	18.2	252.8
W	14.2	256.8
cb	11.8	259.2
1/4	10.3	260.7
c	9.5	261.5
1/4	7.2	263.8

40' N

30 W	14.3	256.7
W	9.5	261.5
cb	7.1	263.9
1/a	~~44~~	

20' N

30 W	8.3	262.7
W	5.6	265.4

271.00

T.P 1294	283.84	0.10	270.90

150' W. of Pl. = St. Kalmia

E	+0.1	283.9
cb	1.3	282.5
1/a	2.8	281.0
c	4.5	279.3
1/4	8.1	275.7
cb	10.2	273.6
W	13.8	270.0
15 W	17.8	266.0

5 cb. Kalmia

15 W	14.6	269.2
W	10.8	273.0
cb	7.2	276.6
1/a	5.1	278.7
c	3.0	280.8
1/4	1.2	282.6
cb.	0.3	283.5

5 1/4 Kalmia

E 1/4	0.8	283.0
C	1.9	281.9
1/4	3.7	280.1
cb	5.2	278.6
W	8.5	275.3
15 W	11.2	272.6

POSTED

283.84

Cr. Kalmia

15 W			9,8	274.0
W			6,6	277.2
cb			4,0	279.8
1/4			1,8	282.0
T.P.	9,20	291.28	1.76	282.08
C			7.9	283.4
1/4			6,9	284.4
cb			6.2	285.1
E			5.3	286.0
	5 1/4			
E			6.1	285.2
cb.			6.7	284.6
	5 cb.			
E			6.4	284.9
	N 1/4			
E			4,8	286.5
cb			5,9	285.9
1/4			6,5	284.8
C			7,5	283.8
1/4			8,8	282.5
cb			10,5	280.8
W			12,5	278.8

291.28

N cb.

W	11.2	280.1
cb	9.3	282.0
1/4	7.8	283.5
C	6.8	284.5
1/4	5.7	285.6
cb	4.8	286.5
E	4.3	287.0
	N L. Kalmia	
E	3.9	287.4
cb	4,4	286.9
1/4	5.2	286.1
C	6,1	285.2
1/4	6.7	284.6
cb	8.3	283.0
W	10.4	280.9
	25' N	
W	9.0	282.3
cb	7.1	284.2
1/4	6.1	285.2
C	5.2	286.1
1/4	4,2	287.1
cb	3.7	287.6
E	3.2	288.1

29.1.28

50' N of Kalmia

E	2.7	288.6
cb	3,2	288.1
1/a	3,8	287.5
c	4,6	286.7
1/a	5,6	285.7
cb	6,6	284.7
W	8.2	283.1

75' N

W	7,5	283.8
cb	6,0	285.3
1/a	4.9	286.4
c	4,1	287.2
1/a	3,5	287.8
cb	2.9	288.4
E	2.4	288.9

100' N

E	2,5	288.8
cb	3,0	288.3
1/a	3,5	287.8
c	4,4	286.9
1/a	4,9	286.4
cb	6,2	285.1
W	7,6	283.7

29.1.28

125' N

W	7.9	283.4
cb	6.3	285.0
1/a	5.4	285.9
c	4.8	286.5
1/a	4.2	287.1
cb	3.6	287.7
E	3.0	288.3

150' N

E	3,5	287.8
cb	4.1	287.2
1/a	4,5	286.8
c	5.4	285.9
1/a	6.4	284.9
cb	7.5	283.8
W	8.5	282.8

175' N

W	9.0	282.3
cb	8.0	283.3
1/a	7.2	284.1
c	6.2	285.1
1/a	5.4	285.9
cb	4.5	286.8
E	3.5	287.8

29128

200' N of Kalmia

E	4.3	287.0
cb	5.1	286.2
1/4	6.0	285.3
c	6.7	284.6
1/4	8.0	283.3
cb	8.7	282.6
W	9.5	281.8

225' N

W	10.9	280.4
cb	9.9	281.4
1/4	9.1	282.2
c	8.0	283.3
1/4	7.1	284.2
cb	6.2	285.1
E	5.1	286.2

250' N

E	6.3	285.0
cb	7.3	284.0
1/4	8.2	283.1
c	9.2	282.1
1/4	10.1	281.2
cb	11.4	279.9
W	12.8	278.5

29128

TP	5.73	285.05	12.16	279.12

275 N. of Kalmia

W	10.9	274.2
cb	8.5	276.6
1/4	7.1	278.0
c	5.2	279.9
1/4	3.8	281.3
cb	2.7	282.4
E	1.5	283.6

300' N. = SL Laurel

E	4.1	281.0
cb	5.9	279.2
1/4	7.7	277.4
c	9.5	275.6
1/4	11.6	273.5
cb	13.5	271.6
W	16.0	269.1

TP	12.83	295.74	2.14	282.91	
			2.35	293.39	292.405

POSTED

POSTED

Cross-Section of Union St - Redwood to Palm.

6/9/08 (Davis, Donnan, Coltath.)

	12.58	204.95		192.37	B.M. Hut - Ctr Norton and Quince
T.P.	9.74	214.32	0.37	204.58	
		So. line Redwood			
E			3.6	210.7	
ct			4.5	209.8	
⅞			5.1	209.2	
c			6.0	208.3	
¼			6.9	207.4	
ct			7.8	206.5	
W			8.3	206.0	
		25' So			
W			6.7	207.6	
ct			6.2	208.1	
⅞			5.3	209.0	
c			4.7	209.6	
¼			4.2	210.1	
ct			3.3	211.0	
+10			2.6	211.7	
E			1.9	212.4	

POSTED

	50' So	
E	1.0	213.3
+2	1.7	212.6
ct	2.3	212.0
⅞	3.1	211.2
c	3.9	210.5
¼	4.4	209.9
ct	5.4	208.9
W	6.2	208.1
	75' So	
W	5.8	208.5
ct	5.1	209.2
⅞	4.0	210.3
c	3.3	211.1
¼	2.6	211.7
ct	1.7	212.6
E	0.8	213.5

214.32

100'So. of Redwood

E	0.8	213.5
ct	1.6	212.7
¼	2.5	211.8
c	3.3	211.0
¼	4.5	208.8
ct	5.3	209.0
W	6.3	208.0

125'So.

W	6.3	208.0
ct	5.1	209.2
¼	3.9	210.4
c	3.2	211.1
¼	2.5	211.8
ct	1.5	212.8
E	0.8	213.5

150'So.

E	0.8	213.5
ct	1.8	212.5
¼	2.3	212.0
c	3.2	211.1
¼	4.3	210.0
ct	5.4	208.9
W	6.5	207.8

175'So.

W	6.9	207.4
ct	5.9	208.4
¼	4.9	209.4
c	3.7	210.6
¼	2.8	211.5
ct	2.4	211.9
E	1.1	213.1

200'So.

E	1.4	212.9
+3	2.2	212.1
ct	2.6	211.7
¼	3.1	211.3
c	4.1	210.2
¼	5.2	209.1
ct	6.5	207.8
W	7.7	206.7

225'So.

W	8.2	206.1
ct	6.7	207.6
¼	5.5	208.8
c	5.1	209.2
¼	4.3	210.0
ct	3.2	211.1
+10	2.5	211.8
E	1.6	212.7

214.32

250 So. of Redwood

E		2.1	212.1
ch		3.5	210.8
¼		4.6	209.7
c		5.3	209.0
¼		5.8	208.5
ch		6.8	207.5
W		8.2	206.1

275 So.

W		8.6	205.7
ch		7.3	207.0
¼		6.6	207.7
c		5.7	208.6
¼		4.9	208.4
ch		3.7	210.6
E +10		3.0 2.1	211.3 212.2

300 So = No line Quince

E +2		3.1 3.5	211.2 210.8
ch		4.4	209.9
¼		5.4	208.9
c		6.5	207.8
¼		6.8	207.5
ch		7.9	206.4
W		9.0	205.3
T.P.	4.49	209.73	9.08	205.24

No. ch Quince

W	4.7	205.0
ch	4.5	205.2
¼	3.3	206.4
c	2.2	207.5
¼	1.4	208.3
ch	1.0	208.7
E	0.3	209.4

No. ¼

E	1.1	208.6
ch	1.3	208.4
¼	2.0	207.7
c	2.9	206.8
¼	3.8	205.9
ch	5.0	204.7
W	5.5	204.2

Ctr

W	6.1	203.6
ch	5.5	204.2
¼	4.3	205.4
c	3.5	206.4
¼	2.9	206.8
ch	2.2	207.5
E	1.9	207.8

209.73

So ¼ Quince

E	2.8	206.9
cl	3.2	206.5
¼	3.8	205.9
c	4.7	205.0
½	5.0	204.7
cl	6.3	203.4
W	7.1	202.6

So cl.

W	8.2	201.7
cl	6.9	202.8
¼	6.2	203.5
c	5.2	204.5
½	4.8	204.9
cl	4.4	205.3
E	3.4	206.3

So. Inn Quince.

E	3.7	206.0
cl	4.9	204.8
¼	5.5	204.2
c	6.3	203.4
½	7.3	202.4
cl	8.3	201.4
W	9.8	199.9

25' So

W	12.6	197.1
cl	11.4	198.3
½	10.0	199.7
c	8.8	200.9
½	7.8	201.9
cl	7.3	202.4
+10	6.2	203.5
E	5.6	204.1

50' So

E	7.5	202.2
+6	9.2	200.5
cl	9.8	199.9
¼	10.9	198.8
C	12.2	197.3

75' So

E	10.1	199.6
+3	11.7	198.0
cl	12.4	197.3

TP 0.69 197.90 12.50 197.20

50' So

W ½	1.6	196.3
cl	2.8	195.1
W	3.7	194.2
20 W	5.6	192.3

197.90

75' So of Quinco

25 W of W.L.	11.0	186.9
W.L.	8.0	189.9
Cl.	6.3	191.6
1/4	4.8	194.1
C	2.6	193.3
1/4	2.3	195.6

100' So

E	+0.3	198.2
+3	1.4	196.5
Cl.	1.5	196.4
+4	1.7	196.2
1/4	4.8	193.1
C	6.8	193.1
1/4	8.6	189.3
Cl	10.5	187.4
W.	12.4	185.5
25 W	15.8	182.1

125' So

25 W	18.7	179.2
W	14.6	183.3
Cl.	12.7	185.2
1/4	10.5	187.4
C	7.4	190.5
1/4	5.1	192.8
+3	4.7	193.2
+11	1.5	
Cl.	1.6	196.3
+9	1.5	196.4
E	0.2	197.7

150' So

E	1.0	196.9
Cl.	1.3	196.6
+8	4.4	193.5
1/4	5.3	192.6
C	7.1	190.8
1/4	10.2	187.7
Cl	13.2	184.7
W	14.9	183.0
25 W	20.0	177.9

175' So

25 W	18.0	179.9
W	13.7	184.2
Cl.	11.9	186.0
1/4	9.2	188.5
C	5.3	192.6
1/4	3.8	194.1
Cl	0.9	197.0
E	0.0	197.9

200' So

E. Cl	0.6	197.3
1/4	1.6	196.3
C	4.0	193.9
1/4	6.2	191.7
Cl	8.7	189.2
W	11.3	186.6
25 W	15.7	182.2

197.90

225 So. of Quince

25' W			10.9	187.0
wl			6.9	191.0
cl			5.3	192.6
¼			3.3	194.6
c			0.9	197.0
¼			0.6	197.3
TP	4.33	201.60	0.63	197.27
		200' So		
E			3.4	198.2
		225' So		
cl			4.2	197.4
¼			3.8	197.8
E			3.3	198.3
		250 So		
E			2.3	199.3
¼			3.0	198.6
cl			3.5	198.1
¼			4.0	197.6
c			4.9	196.7
¼			5.1	196.5
c			5.8	195.8
W			6.9	194.7
25' W			9.8	191.8

275 So.

W	5.0	196.6
cl	5.1	196.5
¼	4.3	197.3
c	3.7	197.9
¼	3.3	198.3
cl	3.1	198.5
E	2.5	199.1
	300 So. N.L. Palm	
E	2.6	199.0
cl	3.0	198.6
¼	2.8	198.8
c	3.2	198.4
¼	3.4	198.2
cl	3.3	198.3
W	3.8	197.8
	N. cl	
W	3.5	198.1
cl	3.2	198.4
¼	3.2	198.4
c	3.1	198.5
¼	2.9	198.7
cl	3.4	198.2
E	3.3	198.3

201.60

No. ¼ Palm

E	4.1	197.5
ct	3.4	198.2
¼	3.3	198.3
c	3.2	198.4
¼	3.2	198.4
ct	2.8	198.8
W	3.5	198.1

Ctr

W	2.6	199.0
ct	2.9	198.7
¼	3.1	198.5
c	3.2	198.4
¼	3.4	198.2
ct	4.1	197.5
E	5.0	196.6

So ¼

E	6.5	195.1
ct	5.3	196.3
¼	4.2	197.4
c	3.5	198.1
¼	3.2	198.4
ct	2.6	199.0
W	2.7	198.9

So Ct

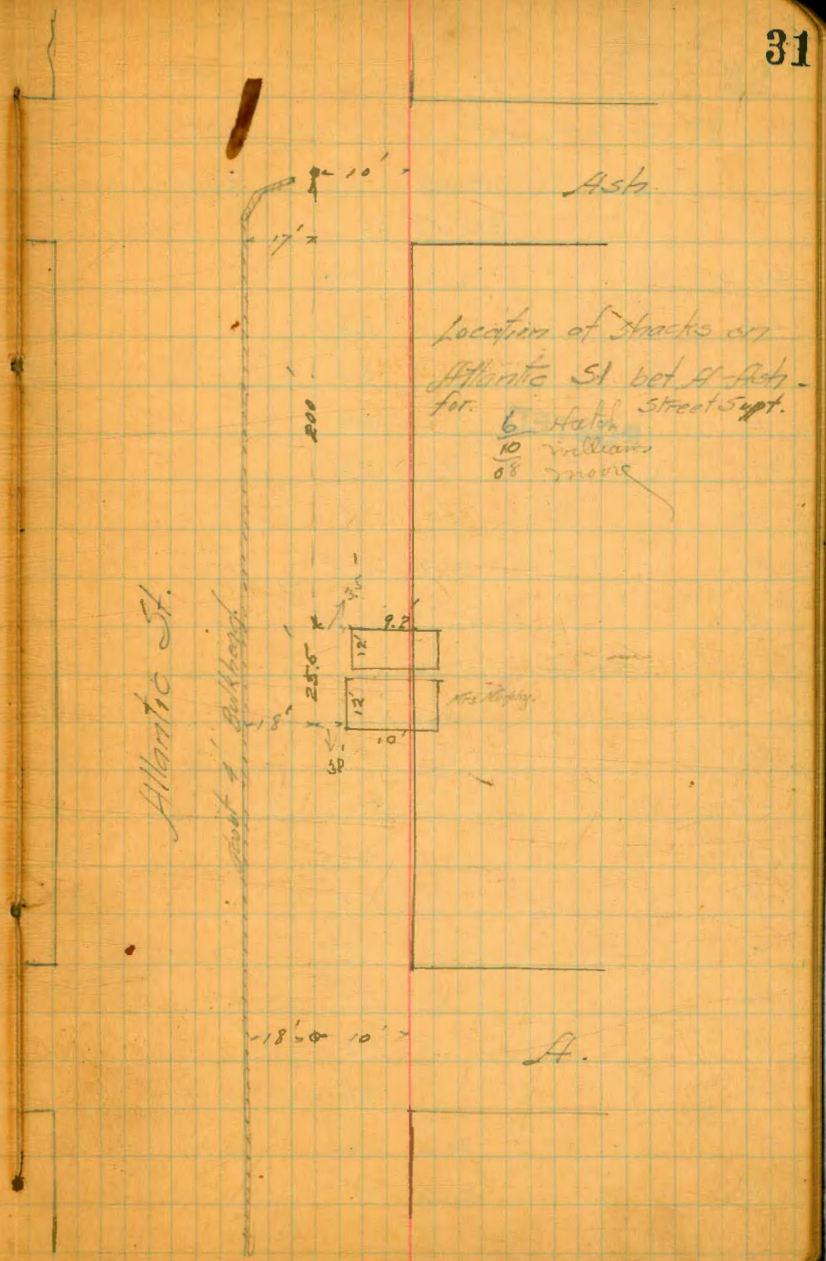
W	2.8	198.8
ct	3.0	198.6
¼	3.6	198.0
c	4.3	197.3
¼	5.2	196.4
ct	6.6	195.0
E	7.7	193.9

So line Palm

E	9.2	192.4
ct	7.6	194.0
¼	6.6	195.0
c	5.3	196.3
¼	4.4	197.2
ct	3.6	198.0
W	3.2	198.4

POSTED

Rep. B of W
June 11 08



6/17 (Hatch)
08 (Williams)
(Moore)

Cross sections Evans St.
M to North end

BM C.T.	690' SW 7 Pt.	69.85 26th M.		62.95
	9.21	75.44	3.62	66.23
		N.L. M. St.		
W			7.7	
+4'			8.6	
cb.			9.0	
1/4			8.9	
c			8.2	
1/4			7.8	
cb			5.8	
E.			5.9	
	25' N			
E			5.6	
cb.			5.6	
+5			5.5	
+6			7.0	
1/4			8.2	
c			8.5	
1/4			9.0	
cb.			8.5	
+1'			7.6	
+6			6.6	
W.			6.5	

POSTED

75.44

50' N

W	7.5
cb.	6.8
1/4	6.5
+3'	6.7
+4'	7.4
c	8.1
1/4	7.8
cb	7.7
E	7.5

75' N

E	6.5
cb.	6.2
1/4	6.8
c	7.7
1/4	7.9
+9'	8.0
+11'	7.0
cb.	7.0
W	7.1

100' N

W	6.4
cb.	6.3
+9'	7.7

7544

1/4	7.6
C	7.0
1/4	6.5
cb	6.4
E	6.0
125' N.	
E	6.4
cb	6.5
1/4	6.5
c	6.7
1/4	6.7
cb	6.8
W	6.6
150' N	
W	4.7
cb	4.9
1/4	5.4
c	6.3
1/4	6.4
cb	6.4
E	6.2
175' N	
E	5.3
cb.	5.4

7544

1/4	5.1
C	4.9
1/4	4.8
cb	4.3
W	3.9
200' N.	
W	3.2
cb	3.5
1/4	3.5
c	3.7
1/4	3.8
cb	4.1
E	4.1
225' N	
E	2.9
cb	3.1
1/4	2.6
c	2.3
1/4	2.7
cb	2.8
W	2.8
250' N.	
W	2.1
cb.	1.6

		75.44		
1/4			2.1	
C			2.0	
1/4			2.0	
Cb			2.4	
E			2.3	
	275' N.			
E			1.6	
Cb			1.7	
1/4			1.4	
C			1.3	
1/4			1.4	
Cb			1.4	
W			2.0	
	300' N = S L. St.			
W			0.7	
Cb.			0.6	
1/4			0.9	
C			0.8	
1/4			0.7.	
Cb			0.6	
E			1.0	
T.P.	11.27	86.19	0.52	74.92

	86.19
	S Cb L. St.
E	11.3
Cb	11.1
1/4	11.2
C	11.5
1/4	11.1
Cb	10.9
W	10.9
	S 1/4 L. St
W	10.6
Cb	10.7
1/4	10.9
C	11.0
1/4	11.3
Cb	11.2
E	10.7
	C L. St.
E	10.9
Cb	11.0
1/4	11.0
C	10.6
1/4	10.7
Cb	10.5
W	10.4

POSTED

86.19

N 1/4 L. St.

W	10.3	
cb	10.1	
1/4	10.0	
c	10.3	
1/4	10.6	
cb	10.8	
E	10.9	

N cb. L. St.

E	10.3	
cb.	10.0	
1/4	10.0	
c	9.5	
1/4	9.3	
cb	9.5	
W	9.2	

N 2 L. St.

W	8.6	77.6
cb	9.0	77.2
1/4	9.0	-
c	9.2	77.0
1/4	9.7	
cb	9.1	
E	8.9	77.3

86.19

25' N. of L.

E	8.1	78.1
cb.	8.5	
1/4	9.3	
c	8.3	77.9
1/4	8.0	
cb	8.3	
W	7.9	78.3

50 N.

W	6.8	79.4
cb	7.0	
1/4	6.9	
c	7.2	79.0
1/4	8.8	
cb	7.1	
E	6.9	79.3

75' N.

E	6.7	79.5
cb	6.6	
1/4	7.0	
c	5.8	80.4
1/4	5.8	
cb	6.0	
W	5.6	80.6

86.19

100' N. of L.

W	4.1	82.1
cb	4.5	
1/4	4.3	
C	4.8	81.4
1/4	4.6	
cb	5.0	
E	5.3	80.9

125' N.

E	3.3	82.9
cb	3.1	
1/4	3.2	
C	3.2	83.0
1/4	3.1	
cb	3.0	
W	3.0	83.2

150' N.

W	1.2	85.0
cb	1.7	
1/4	1.7	
C	1.8	84.4
1/4	1.7	
cb	1.6	
E	1.8	84.4

86.19

160' N. - N. side of Alley

E	1.2	85.0
cb	1.1	
1/4	0.7	
C	0.7	85.5
1/4	1.0	
cb	0.8	
W	0.9	85.3

TP.	12.92	95.33	0.78	85.41
	6.77	104.93	0.17	98.16
			3.99	100.94

POSTED

Crosssections Curlew from Thorn to Palm

SE 7 tack 1st Upas.	2.75	261.72		258.97
	5.30	255.02	12.00	249.72
	3.49	246.83	11.68	243.34
BM. SW Cor. Thorn-Curlew. ½" Pipe			7.81	239.02

NL Thorn.

E		0.8	246.0
cb		1.5	245.3
1/4		2.0	244.8
c		3.0	243.8
1/4		4.0	242.8
cb		6.0	240.8
W		7.2	239.6

NCl Thorn

W		7.4	239.4
cb		5.8	241.0
1/4		4.2	242.6
c		3.0	243.8
1/4		2.2	244.6
cb		1.7	245.1
E		1.1	245.7

N1/4 Thorn

E		1.4	245.4
cb		1.9	245.9
1/4		2.5	244.3

POSTED

6/19/08 (Hatch, Williams, Moore)

246.83
~~261.83~~

c		3.1	243.7
1/4		4.7	242.1
cb		6.0	240.8
W		7.4	239.4

Centre Thorn

W		7.5	239.3
cb		6.2	240.6
1/4		4.9	241.9
c		3.6	243.2
1/4		2.6	244.2
cb		1.9	244.9
E		1.7	245.1

S1/4 Thorn.

E		1.7	245.1
cb		2.3	244.5
1/4		3.0	243.8
c		3.9	242.9
1/4		5.4	241.4
cb		6.4	240.2
W		7.7	239.1

SCl Thorn.

W		7.9	238.9
cb		6.4	240.4
1/4		5.4	241.4

	246.83 ~~264.83~~		
C		4.3	242.5
1/4		3.4	243.4
cl		2.6	244.2
E		1.7	245.1
	SL Thorn.		
E		2.2	244.6
cl		3.0	243.8
1/4		4.0	242.8
C		4.9	241.9
1/4		5.8	241.0
cl		6.7	240.1
W		7.8	239.0
	25' S		
W		8.2	238.6
cl		7.1	239.7
1/4		6.4	240.4
C		5.9	240.9
1/4		4.8	242.0
cl		3.9	242.9
E		2.7	244.1
	50' S		
E		3.5	243.3
cl		4.5	242.3
1/4		5.5	241.3

	246.83 ~~264.83~~		
C		6.6	240.2
1/4		7.4	239.4
cl		8.4	238.4
W		9.0	237.8
	75' S		
W		10.3	236.5
cl		9.4	237.4
1/4		8.5	238.3
C		7.8	239.0
1/4		6.9	240.4
cl		5.5	241.3
E		4.0	242.8
	100' S		
E		5.1	241.7
cl		6.7	240.1
1/4		7.7	239.1
C		8.4	238.2
1/4		9.5	237.3
cl		10.5	236.3
W		11.5	235.3
	125' S		
W		13.3	233.5
cl		11.9	234.9
1/4		10.9	235.9

	246.83 ~~264.13~~		
c		10.0	236.8
l/a		9.0	237.8
cb		8.4	238.4
E		6.6	240.2
	150' S		
E		8.3	238.5
cb		9.3	237.5
l/a		10.5	236.3
c		11.5	235.3
l/a		12.9	233.9
	175' S		
c		13.2	233.6
l/a		12.2	234.6
cb		11.0	235.8
E		10.0	236.8
	200' S		
E		11.3	235.5
cb		12.6	234.2
l/a		14.2	232.6
	225' S		
E		12.3	234.5
TP	0.03	233.79 ~~237.79~~ 13.07	233.76 ~~231.76~~

	238.79 ~~237.79~~		
	150' S		
cb		1.1	232.7
W		2.8	231.0
	175' S		
W		5.0	228.8
cb		3.7	230.1
l/a		1.6	232.2
	200' S		
W		7.8	226.0
cb		6.3	227.5
l/a		4.8	229.0
c		3.0	230.8
	225' S		
W		10.6	223.2
cb		8.3	225.5
l/a		6.9	226.9
c		5.1	228.7
l/a		2.4	231.4
cb		0.7	233.1
	250' S		
E		0.2	233.6
cb		2.5	231.3
l/a		5.3	228.5
c		7.2	226.6

POSTED

	233.79 ~~251.79~~		
1/4		9.7	224.1
cb		11.6	222.2
W		13.4	220.4
	275 S.		
E		1.3	232.5
cb		4.5	229.3
1/4		6.7	227.1
c		9.6	224.2
1/4		12.7	221.1
	300's = NL. Spruce		
E.		3.7	230.1
cb.		6.9	226.9
1/4		9.6	224.2
c		12.0	221.8
	N Cb. Spruce		
E		5.3	228.5
cb		8.6	225.2
1/4		11.3	222.5
	N 1/4 Spruce		
E		6.6	227.2
cb		9.5	224.3
1/4		12.6	221.2

		233.79 ~~251.79~~		
		Cr. Spruce.		
1/4			13.6	220.2
cb			10.5	223.3
E			7.6	226.2
		S 1/4 Spruce.		
E			8.5	225.3
cb			11.0	222.8
		S cb. Spruce		
E			9.1	224.7
cb			10.7	223.1
		SL Spruce		
E			10.2	223.6
cb.			11.2	222.6
T.P.	10.26	223.17 ~~244.17~~	10.88	222.41 ~~240.91~~
		375's of Thorn		
W			6.7	216.5
cb			4.4	218.8
		300's = NL Spruce		
W			9.9	213.2
cb			7.2	216.0
1/4			4.8	218.4
		N. Cb. Spruce		
W			12.1	211.1
cb			9.1	214.1

POSTED

223.17

1/4	6.5	216.7
c	3.4	219.8
N 1/4 Spruce		
W	13.2	210.0
cb	10.3	212.9
1/4	7.7	215.5
c	4.3	218.9
On Spruce		
C	5.8	217.4
W 1/4	9.1	214.1
W cb.	12.1	211.1
W	15.0	208.2
S 1/4 Spruce		
W cb.	13.5	209.7
1/4	20.5	202.7
c	7.3	215.9
1/4	3.9	219.3
S cb. Spruce		
E 1/4	4.0	219.2
c	8.8	214.4
1/4	12.3	210.9
S2 Spruce		
E 1/4	6.5	216.7
c	11.0	212.2

223.17

W 1/4	13.6	209.6
25 ft of Spruce		
E	2.5	220.7
cb.	3.0	220.2
+6	7.0	216.2
1/4	9.5	213.7
c	13.3	210.0
50 ft		
1/4	12.5	210.5
+9	9.7	213.5
cb	4.5	218.5
E	5.0	218.3
75 ft.		
E	7.0	216.3
cb.	6.7	216.5
+6	12.0	211.3
100 ft		
E	9.1	214.1
cb.	8.9	214.3
+6	14.0	209.2
125 ft		
E	10.5	212.7
cb	10.7	212.5

223.17
~~211.87~~

150 S

E	11.8	211.4
cb.	12.0	211.2

175 S

E	12.7	210.5
cb.	12.7	210.5

200 S

E	13.3	210.0
cb.	13.2	210.1
Tel. .15	211.87 ~~211.87~~ 12.95	210.72 ~~225.72~~

5 1/4 Spruce

W	5.8	206.1

5 cb. Spruce

W	6.5	205.4
cb.	3.4	208.5

5 h. Spruce

W	8.6	203.3
cb.	4.4	207.5
13 m. Nail in top of which 3x3 sw cor Spruce - Cutler -	7.35	~~[illegible]~~ 204.02

25 S

W	12.3	199.7
cb	8.0	203.9
1/4	4.4	207.5

211.87
7.85
204.02

211.87
~~211.87~~

50 S

c	5.0	206.9
W 1/4	7.7	204.2
W cb.	11.1	200.8

75 S.

E 1/4	3.3	208.6
c	6.1	205.8
1/4	10.0	201.9
W cb.	12.6	199.3

100 S.

E 1/4	5.0	206.9
c	8.0	203.9
1/4	12.4	199.5

125 S.

W 1/4	13.7	198.2
c	9.3	202.6
1/4	6.7	205.2
+ 9'	4.3	207.6

150 S

E Ch + 4'	5.6	206.3
1/4	7.0	203.3
c	11.3	200.6

175 S

E Ch + 2'	5.1	206.8

POSTED

211.87
~~219.87~~

1/4	8.7	203.2
C	12.7	199.2
200's		
E cb + 5'	6.4	205.5
1/4	9.6	202.3
C	13.5	198.4
225's		
C	12.5	199.4
1/4	9.8	202.1
+ 8'	7.5	204.4
cb	5.0	206.9
+ 10	2.3	209.6
E	2.3	209.6
250's		
E	1.9	210.0
+11	1.9	210.0
cb	4.7	207.2
+4	8.7	203.2
1/4	9.7	202.2
C	12.8	199.1
275's		
1/4	10.7	201.2
+7	7.9	204.0
cb.	3.7	208.2
+3'	1.4	210.5

211.87
~~219.87~~

E		1.5	210.4
300's = W. Redwood			
E		0.4	211.5
cb.		0.8	211.1
1/4		9.3	202.6
W cb. Redwood.			
E		0.0	211.9
TP. 1.26	202.33 ~~220.33~~	12.80	201.07 ~~219.07~~
50's of Spruce			
W		6.2	196.1
75's			
W		8.4	193.9
100's			
W.		10.3	192.0
cb.		6.6	195.7
125's			
W		10.6	191.7
cb.		7.0	195.3
150's			
W		12.5	189.8
cb		8.9	193.9
1/4		5.2	197.1

		202.33 ~~220.33~~		
	175' S			
W 1/4			5.9	196.4
cb			9.1	193.2
W			13.5	189.8
	200' S			
W			14.2	188.1
cb			8.6	193.7
1/4			6.5	195.8
	225' S			
W			14.7	187.6
cb			10.1	192.2
1/4			7.3	195.0
	250 S.			
W			15.2	187.1
cb			10.8	191.5
1/4			6.8	195.5
BM	0.11	204.13		204.02
	275 S	POSTED		
W			17.4	186.7
cb			12.6	191.5
1/4			10.6	193.5
c			7.6	196.5
	300' S = N L Redwood			
W			17.8	186.3

7/16/08 Hatch Moore Churchman

		204.13		
cb			14.0	190.1
1/4			11.0	193.1
c			7.0	197.1
	N Cb Redwood			
W			16.5	187.6
cb			13.9	190.2
1/4			10.6	193.5
c			6.7	197.4
	N 1/4			
c			5.8	198.3
1/4			9.7	194.4
cb			13.2	190.9
W			16.1	188.0
	Cr.			
W			15.5	188.6
cb			12.1	192.0
1/4			8.0	196.1
c			4.9	199.2
	S 1/4			
5' E of C			1.4	202.7
c			3.5	200.6
1/4			7.4	196.7
cb			11.4	192.7
W			14.9	189.2

POSTED

204.13

5 Cb. Redwood

W		14.1	190.0
cb		9.9	194.2
1/a		6.2	197.9
C		2.4	201.7

5 L Redwood

C		0.3	203.8
1/a		5.3	198.8
cb		8.8	195.3
W		12.6	191.5

2 5's of Redwood

W		10.1	194.0
cb		6.6	197.5
1/a		2.2	201.9

POSTED

50' S

cb		3.7	200.4
W		6.6	197.5

75' S.

W		4.6	199.5

100' S.

W		0.1	204.0
T.P.	11.94	215.78 0.29	203.84

215.78

N. cb. Redwood

E cb.	4.5	211.3
+6'	4.7	211.1
1/a	10.4	205.4

N/a

1/a	8.4	207.4
+5'	4.5	211.3
cb	4.5	211.3
E	4.1	211.7

C

E	4.2	211.6
cb.	4.6	211.2
+9'	5.2	210.6
1/a	7.7	208.1

S/4

1/a	7.4	208.4
+3'	5.4	210.4
cb	4.8	211.0
E	4.0	211.8

5 cb

E	3.2	212.6
cb	5.0	210.8
+10'	5.6	210.2
1/a	7.2	208.6

POSTED

		215.78		
		St Redwood		
1/4			5.9	209.9
cb			3.8	212.0
E			0.5	215.3
		25's of Redwood		
E cb.			1.1	214.7
1/4			4.8	211.0
c			9.4	206.4
		50's		
w 1/4			9.5	206.2
c			5.6	210.2
E 1/4			1.1	214.7
		75's		
c			3.1	212.7
w 1/4			6.5	209.2
w cb			10.6	205.2
		100's		
w cb			7.9	207.9
1/4			5.2	210.6
c			2.4	213.4
		125's		
E cb.			4.2	211.6
1/4			6.5	209.3
c			9.9	205.9

POSTED

		215.78		
1/4			10.9	204.9
cb			10.0	205.8
W			10.4	205.4
TP	11.97	226.49	1.56	214.22
		25's		
E			6.9	219.3
		50's		
E			4.8	221.4
cb			9.3	216.9
		75's		
E			2.9	223.3
cb			5.0	221.2
1/4			9.3	216.9
		100's		
E			1.6	224.6
cb			4.8	221.8
1/4			9.5	216.7
		125's		
E			1.7	213.5
TP.	0.06	314.28	11.97	214.22
TP	0.37	202.96	1.69	202.59
		150's		
E			0.1	202.9
cb.			1.2	200.8

POSTED

	202.96		
1/4		3.9	199.1
c		6,2	196.8
1/4		6,1	196.9
cb.		3.8	199.2
W		2,1	200.9
	175' S		
W		4.4	198.6
cb		9.4	193.6
1/4		12,3	190.7
c		14.7	188.3
1/4		14,7	188.3
cb		14.0	189.0
E		13.4	189.6
	200' S		
W		5.2	197.8
cb.		11.5	191.5
	225' S		
W		3,3	199.7
Cb.		11.0	192.0
	250' S		
W		0.9	202.1
cb		8,8	194.2
	275' S		
W cb.		5.1	197.9

	202.96		
	300' S = N.L. Quince		
W cb.		4.8	198.2
T.P. 0.16	191.15	11.97	190.99
	200' S		
E		12.1	179.1
cb		12.2	179.0
1/4		11.1	180.1
c		8.8	182.4
1/4		5.3	185.9
	225' S		
W 1/4		5.2	186.0
c		9,3	181.9
E 1/4		13.5	177.7
	250' S		
W 1/4		5.4	185.8
C		12.0	177.2
	275' S		
W 1/4		4.4	186.8
C		10.8	180.4
	300' S		
W 1/4		3.9	187.3
C		9.2	182.0

191.15

N ch. Quince

W 1/4		2.4	188.8
C		9.3	181.9

N 1/4

W 1/4		+0.45	191.6
C		8.0	183.2
E 1/4		13.7	177.5

C.

E 1/4		12.8	178.4
C		5.6	185.6

S 1/4

C		3.2	188.0
E 1/4		11.4	179.8

S ch.

E 1/4		6.3	184.9
C		0.2	191.0

S.E. Quince

E 1/4		2.0	189.2
ch.		8.0	183.2

25's of Quince

E		7.0	184.2
T.P.	0.70	180.91	10.94	180.21

180.91

225's

E		9.6	171.3
ch.		8.3	172.6

250's

1/4		6.3	174.6
ch.		9.7	171.2
E		13.7	167.2

275's

E		16.0	164.9
ch		11.7	169.2
1/4		7.0	173.9

300's.

E		16.2	164.7
ch		10.9	170.0
1/4		5.2	175.7

N ch Quince

E		14.9	166.0
ch		10.1	170.8
1/4		5.3	175.6

N 1/4.

ch		9.8	171.1
E		15.2	165.7

C

E		15.5	165.4
ch.		9.2	171.7

180.91

S 1/4 Quince

E	14.0	166.9
cb.	8,3	172.6

S cb.

E	11,0	179.9
cb.	4.1	176.8

SL. Quince

E	6.4	174.5
T.P. 1,60 205.44		203.84

POSTED 275' S of Redwood

W	1.7	203.7

300' " " " .

W	3.3	202.1

N cb Quince

W	5.2	200.2
cb	6.0	199.4
+5'	7.6	197.8

POSTED

N 1/4 Quince

W	6.4	199.0
cb	5.2	200.2
+2	5.4	200.0

C. Quince

W	7.5	197.9
cb	6.9	198.5
14	11,3	194.1

205.44

S 1/4 Quince

W	9.3	196.1
cb	8.0	197.4
+6'	7.9	197.5
1/4	9.8	195.6

S cb Quince

W	10.6	194.8
cb	9,9	195.5
1/4	10,1	195.3

SL Quince

W	12.3	193.1
cb	12.0	195.4
1/4	11.7	193.7
C	12.5	192.9
BM/old plug near BW Cor Quince & Curlew with scribed guard stake. 0.09 193.37	12.16	193.28 (193.29)

25' S of Quince

POSTED

W	3.5	189.9
cb	1.8	190.6
1/4	2.9	190.5
C	3.1	190.3
1/4	4.3	189.1
cb	6.6	186.8

	193.37		
	50' S. of Quince		
E		10.2	183.2
cb		7.8	185.6
1/4		6.8	186.6
c		6.0	187.4
1/4		5.2	187.8
cb		6.2	187.2
W		7.1	186.3
POSTED	75' S.		
W		10.8	182.6
cb		10.0	183.4
1/4		9.3	184.1
c		9.2	184.2
1/4		9.9	183.5
cb		11.6	181.8
E		13.6	179.8
TP.	0.07	181.18	12.26	181.11
	100 S		
E		5.7	175.5
cb		3.3	177.9
1/4		1.8	179.4
c		1.4	179.8
1/4		1.4	179.8
cb.		1.6	179.6
W		2.2	179.0

	181.18		
	125' S of Quince		
W		5.6	175.6
cb		5.4	175.8
1/4		5.9	175.3
c		6.8	174.4
1/4		8.1	173.1
cb		9.2	172.0
E		10.8	170.4
	150' S		
E		14.4	166.8
cb		12.9	168.3
1/4		12.1	169.1
c		11.1	170.0
1/4		10.7	170.0
cb		9.6	171.6
W		9.2	172.0
TP.	0.16	169.37	12.27	169.11
	175' S		
W		0.7	168.6
cb		1.1	168.2
1/4		2.1	167.2
c		2.8	166.5
1/4		3.8	165.5
cb		5.3	164.0
E		7.1	162.2

169.27
200's of Quince

E			11.6	157.7
cb			9.5	159.8
1/4			7.8	161.5
c			6.6	162.7
1/4			5.1	164.2
cb			4.2	165.1
W			3.8	165.5
	225's			
W			6.4	162.9
cb	POSTED		7.8	161.5
1/4			8.8	160.5
c			10.2	159.1
1/4			11.6	157.7
cb			13.2	156.1
E			15.8	153.5
	250's			
c			13.1	156.2
1/4			11.1	158.2
cb			10.1	159.2
W			8.8	160.5
	275's			
W			11.1	158.2
cb			12.4	156.9
T.P.	0.07	158.77	10.57	158.70

158.77

1/4	4.4	154.4
c	6.9	151.9
1/4	9.4	149.4
cb	11.7	147.1
E	14.2	144.6
250's		
E	9.3	149.5
cb	6.4	152.4
1/4	4.3	154.5
300's = N.L. Palm		
W	4.6	154.2
cb	7.1	151.7
1/4	9.3	149.5
c	12.4	146.4
N cb Palm		
c	14.0	144.8
1/4	12.0	146.8
cb	9.4	149.4
W	6.3	152.5
N 1/4		
W	7.5	151.3
cb	10.7	148.1
1/4	14.2	144.6

158.77

C Palm —

cb		12.3	146.5
W		8.5	150.3
	S 1/4		
W		9.5	149.3
cb.		13.8	145.0
	S cb.		
W		11.0	147.8
	S 1. Palm		
W		12.8	146.0
T.P.	1.59	148.83 11.53	147.24
	N 1/4 Palm.		
1/a		4.3	144.5
cb.		6.8	142.0
E		9.6	139.2
	N cb		
E		13.9	134.9
cb		10.6	138.2
1/4		7.8	141.0
	N 1/4 Palm —		
C		6.7	142.1
E 1/4		10.3	138.5
E cl.		14.0	134.8

POSTED

148.83

Cr Palm —

W 1/a		6.4	142.4
C		9.8	139.0
1/a		13.6	135.3
	S 1/4 Palm —		
C		11.6	137.2
W 1/4		6.9	141.9
	S cb.		
W cb.		5.0	143.8
1/4		9.5	139.5
C.		13.6	135.2
	S line Palm —		
W 1/a		11.5	137.3
cb		6.6	142.2
T.P.	0.56	138.07 11.32	137.51
C		4.8	133.3
1/4		8.1	130.0
cb		13.1	125.0
	S cb		
E cl		11.8	126.3
1/4		6.6	131.5
	S 1/4		
E 1/a		4.5	133.6
cb.		8.9	129.2
E		13.5	124.6

		138.07		
		C Palm.		
E			10.4	127.7
cb			5.9	132.2
		N¼ Palm.		
E			6.8	131.3
TP	2.61	131.30	9.38	128.69
		5 cb Palm.		
E			11.0	120.3
		5h. Palm		
E			12.7	118.6

POSTED

9/24/05 Hatch Profile Falcon St.
Moore Horton Ave & Brooks St.
Chinchman

(Platted 3/9/09 Whittaker)

	1.42	205.44		
BM Outlet Spruce				204.02
	0.02	192.92	12.54	192.90
	0.59	181.33	12.15	180.74
	0.29	169.29	12.33	169.00
	0.17	156.61	12.85	156.44
	0.93	143.98	13.06	143.55
		W. L. Falcon.		
Cor Horton 67.45 of Quince			10.90	133.08
	0.41	133.49		133.08
50' S of Quince			1.6	131.9
25 " "			4.4	129.1
SL "			4.4	129.1
+20			5.6	127.9
+40 Cr "			8.5	125.0
NL "			13.3	120.2
TP	0.97	121.50	12.96	120.53
+20			4.0	119.5
+50			3.9	117.6
+70			5.0	116.5
1			7.2	114.3
+15			7.2	114.3
+50			11.5	110.0
TP	10.80	120.43	11.87	109.63
+65			12.2	108.2

		120.43		
+90			16.1	104.3
3			15.0	105.4
+50			12.0	108.4
+75			11.5	108.9
SL Redwood			14.0	106.4
+15			14.2	106.2
+40 Cr "			9.8	110.6
NL "			2.1	118.3 118.33
+50			1.1	119.3
+75			1.3	119.1
4			4.8	115.6
+25			8.9	111.5
+30			14.4	106.0
+50			13.5	106.9
+90			13.4	107.0
2			14.5	109.9
+25			2.0	118.4
TP	12.51	132.67	0.27	120.16
+50			9.3	123.4
SL Spruce			1.0	131.7
TP	12.85	145.44	0.08	132.57
+40 Cr			8.6	136.8
NL			1.2	144.2
T.P.	13.0	153.53	0.21	145.23

		153.58		
+15			6.6	146.9
+50			3.9	149.6
+60			2.0	151.5
1			0.1	153.4
+25			0.1	153.4
+50			4.6	148.9
+80			8.5	145.0
2			12.3	141.2
+10			10.2	143.3
+25			4.1	149.4
TP	12.95	166.16	0.32	153.21
+50			8.2	158.0
+75			1.5	164.7
T.P.	13.05	179.11	0.10	166.06
SL.	Thorn.		10.8	168.3
0			5.6	173.5
NL	"		0.1	179.0
T.P.	6.62	185.53	0.20	178.91
+50			2.0	183.5
1			1.2	184.3
+25			2.5	183.0
+50			6.4	179.1
+60			8.5	177.0
+75			13.1	172.4

		185.53		
T.P.	0.92	179.19	12.76	172.77
2			9.1	164.1
+25			17.0	156.8
+50			9.0	164.8
T.P.	11.93	185.10	0.02	173.17
+75			11.0	174.1
T.P.	12.61	197.48	0.23	184.87
SL	Upas		10.7	186.8
Cr	"		2.6	194.9
T.P.	12.99	210.91	0.06	197.42
NL	"		9.3	201.1
+50			3.7	206.7
PL.	Hub.		1.1	209.30

East Line Falcon.

		210.81			
Pl.			11.8	198.6	
50' N of Upas.			12.4	198.0	
TP	0.22	197.72	12.91	197.50	
NL Upas.			4.2	193.5	
+20			6.7	191.0	
+40 Cr "			9.7	188.0	
+60			12.7	185.0	
BM Iron pin 6' sw of sw Cor Upas-Falcon-	0.54	187.57	11.05	186.67	old elev. 186.74
SL Upas			7.0	180.5	
TP	1.20	175.83	12.88	174.63	
+25			3.0	172.8	
TP	0.14	163.09	12.88	162.95	
+50			1.8	161.3	
+75			12.0	151.1	
+85			18.4	144.7	
1			20.3	142.8	
+25			11.4	151.7	
+50			3.2	159.8	
TP	12.52	175.92	0.19	162.90	
+70			7.7	167.7	
2			2.2	173.2	
TP	1.48	175.81	1.09	174.33	
+50			2.1	173.7	
NL Thorn			5.6	170.2	

		175.81			
Cr Thorn			10.0	165.8	
BM Hub SW Cor Falcon Thorn			7.42	168.39	old elev 168.455
TP	0.51	163.35	12.94	162.87	
SL Thorn			2.0	161.4	
+25			6.2	157.2	
+50			11.8	151.6	
TP	1.52	152.29	12.61	150.77	
+75			6.6	145.7	
1			14.2	138.1	
TP	2.17	141.44	13.02	139.27	
+25			10.8	130.6	
+40			19.3	122.1	
+75			7.8	133.6	
2			9.4	132.0	
TP	0.07	128.59	12.92	128.52	
+20			0.1	128.5	
+50			7.0	121.6	
+75			10.8	117.8	
TP	1.28	117.53	12.24	116.25	
NL Spruce			5.0	112.5	
+20			8.2	109.3	
Cr "			10.2	107.3	
SL "			7.37	103.8	
TP	0.27	104.59	12.72	104.32	

		105.08		
+50			5.5	99.6
1			7.2	97.9
+50			7.0	98.1
2			9.2	95.9
+30			11.8	93.3
+50			11.2	93.9
+80			11.5	93.6
Nt Redwood			13.2	91.9
T.P.	2.58	94.95	12.71	92.37
Cr	"		4.8	90.1
SL	"		6.2	88.7
+50			8.9	86.0
+70			12.6	82.3
1			17.0	77.9
+25			15.6	79.3
+45			9.0	85.9
+50			8.5	86.4
+75			6.7	88.2
2			3.4	91.5
T.P.	12.79	106.87	0.87	94.08
+50			9.6	97.3
+75			7.5	99.4
Nt. Quincy			7.2	99.7
Cr.			7.6	99.3

		106.87				
SL	Hub.		3.01		103.86	103.850
+25			3.0	103.9		
+50			1.3	105.6		
T.P.	11.82	118.29	0.40		106.47	
+75			10.4	107.9		
+90			10.0	108.3		
1			12.4	105.9		
+30			19.6	98.7		
+50			15.8	102.5		
+60			11.4	106.9		
+76	Horton Ave		9.5	108.8		
T.P.	12.59	127.63	3.24		115.05	

Centre Line Falcon

	1	127.63			
Horton Ave	122	S of Quince	12.4	114.2	
107 S. of Quince			8.5	119.1	
87 " " "			5.1	122.5	
67 " " "			5.3	122.3	
50 " " "			8.0	119.6	
SL of Quince			12.6	115.0	
T.P.	7.44	133.92	1.15	126.48	
T.P.			0.86	133.06	Check. 133.08
T.P.	3.86	118.91		115.05	
Cr.	Quince		9.4	109.5	
NL.	"		11.6	107.3	
+25			9.8	109.1	
+50			13.8	105.1	
T.P.	0.31	106.34	12.88	106.03	
1			8.0	98.3	
+50			10.3	96.0	
2			11.2	95.1	
+50			13.0	93.3	
SL	Redwood		11.6	94.7	
Cr	"		6.7	99.6	
+20			2.6	103.7	
NL.	"		0.8	105.5	
T.P.	12.58	117.58	1.34	105.00	

		117.58			
+50			10.1	107.5	
+85			12.4	105.2	
1			17.0	100.6	
+50			16.4	101.2	
+85			14.0	103.6	
2			11.2	106.4	
+50			6.8	110.8	
SL Spruce			1.0	116.6	
T.P.	13.00	129.67	0.91		116.67
Cr	"		6.2	123.5	
NL.	"		0.5	129.2	
T.P.	12.73	141.40	1.00		128.67
+50			3.8	137.6	
T.P.	7.66	148.84	0.22		141.18
1			5.1	143.7	
+25			4.1	144.7	
+50			9.1	139.7	
+75			17.0	131.8	
2			8.0	140.8	
T.P.	12.97	161.32	0.49		148.35
+50			2.1	159.2	
T.P.	12.92	173.67	0.57		160.75

Continued on P. 61

Cross Section of Maryland St from No line of Meade to 100' So. of Silme Meade 9/26/01 { Davis, Donnay, Williams

0.91	346.29		345.38	BM NW
6.37	341.41	11.25	325.04	Grade Stake

No line Meade

E	2.4
Ct	3.0
1/4	4.2
c	4.5
1/4	5.3
Ct	6.0
W	6.6

No Ct.

W	7.6
Ct	6.6
1/4	6.3
c	5.4
1/4	5.1
Ct	4.4
E	5.6

+8

E	7.0
Ct	5.6
1/4	5.7
c	6.1
1/4	7.0
Ct	7.3
W	8.2

Book 353

Cleveland Rd Meade. Spk tel pole

N.E. Ct Md. & Meade

No. 1/4 Meade

W	9.4
Ct	7.8
1/4	6.8
c	6.2
1/4	5.6
Ct	6.0
E	7.3

Ctr

E	6.8
Ct	6.2
1/4	5.5
c	5.2
1/4	5.4
Ct	6.8
+7	8.4
W.	9.1

So. 1/4

8' W of W.L. Too slope	10.4
W	8.2
+6	5.8
Ct	4.2
1/4	4.0
c	3.6
1/4	4.3
+5	5.4
Ct	6.4
E	7.2

341.41

So. Ch. Meado

E	7.7
Ch.	5.5
½	3.7
C	2.8
½	2.8
Ch.	2.3
W	6.5
8' W. Toe slop	11.4

So line Meado

2 W. Toe Slope	10.6
W. line	9.4
Ch	2.6
½	2.4
C	2.9
½	2.7
+10	3.0
Ch	3.9
E	6.9

25' So. of Meado

4' E	8.1
E. line	5.7
+4	3.3
Ch	2.8
½	1.1

Ctr	1.5
½	1.0
Ch	1.7
+6	4.7
W. line	10.1
3' W. Toe slope	12.1

T.P. 962 344.66 637 355.04

50 So. of Meado

4' E. Toe slope	12.4
E line	10.0

Continued from P. 58

		173.67		
SL Thorn			7.7	166.0
Cr "			2.8	170.9
T.P.	12.25	184.88	1.04	172.63
NL "			9.2	175.7
+50			5.2	179.7
			5.2	179.7
+25			7.8	177.1
+00			13.4	171.5
T.P.	0.85	173.33	12.39	172.49
+75			9.9	163.5
T.P.	0.80	162.08	12.09	161.28
2+25			13.3	148.8
T.P.	12.17	173.45	0.80	161.28
+75			0.6	172.9
T.P.	13.03	186.23	0.25	173.20
SL Upas			3.0	183.2
T.P.	13.07	199.14	0.16	186.07
BM check,			12.45	186.69
Cr Upas			8.4	190.7
NL "			1.9	197.2
T.P.	10.53	209.43	0.24	198.90
50' N.			6.7	202.7
Pl.			5.0	204.4

Posted

Profile Falcon St.
Pueblo Line to Brooks St.

W	C	E	±	HI	Elev.
				209.43	
341" S of Willow = PL.					
311					
300					
TP			-12.41 +1.40	198.42	197.02
275					
TP			-12.96 +0.25	185.71	185.46
250					
225					
TP			-13.08 +0.02	172.65	172.63
208	220				
	216				
200					
175					
150					
140					
125					
112					
100					
75					
TP			-12.89 +0.48	160.24	159.76
50	125	150	175		
25	100				
	75				

Posted

W		C		E	
0.0	209.4	5.1	204.3	10.6	198.8
1.5	207.9	—		—	
6.7	202.7	8.3	201.1	14.0	195.4
9.0	189.4	8.5	189.9	10.5	187.9
6.7	179.0	7.8	177.9	8.7	177.0
14.5	171.2	18.2	167.5	19.7	166.0
6.3	166.4	6.8	165.9	—	
		11.2	161.5		
11.2	161.5	11.2	161.5	17.2	155.5
10.8	161.9	12.6	160.1		
10.8	161.8	16.7	156.0		
{10.8}	161.9				
{8.5}	164.2				
8.2	164.5				
{9.4}	163.3				
{13.8}	158.9				
14.7	158.0				
17.0	155.7				
8.9	151.3	10.1	150.1	12.8	147.4
12.7	147.5	13.6	146.6		
		18.3	141.9		

P

W	Cr	E		HI	
				160.24	
TP			-12.77 +0.85	148.35	147.47
		150			
		125			
		100			
		75			
	50				
	25				
St. Willow					
0	0				
Cr Willow					
N.L. "					
25' N of willow					
30'					
	70	70			
	75	80			
		100			
T.P.			-10.84 +0.27	137.78	137.51
	15' N of St. willow	30' S of St. willow			
		25' S. "			
		50' S. "			
TP			+13.10	161.22	148.12
75' N.	100	110			
		125			
TP			-0.79 +12.91	173.34	160.43
100'					

148.35
0.23
148.12

W		Cr		E	
				7.8	140.6
				9.5	138.9
				13.6	134.8
				15.5	132.9
		11.2	137.2		
		13.1	135.3		
6.1	142.3	16.4	132.0	14.0	134.4
11.2	137.2	14.0	134.4	7.8	140.6
10.3	138.1	9.6	138.8	2.0	146.4
10.7	137.5	8.5	139.9	0.6	147.8
6.1	142.3	6.2	142.2	4.6	143.8
		(5.0)	143.4		
		1.8	147.2	8.2	140.2
		0.0	148.4	1.8	146.6
				1.1	147.3
		9.5	128.3	11.3	126.5
				9.3	128.5
				8.4	129.4
10.6	150.6	3.4	147.6	(13.5)	147.7
				6.8	154.4
				4.2	157.0
13.1	160.2				

				173.84	
125	125	150			
TP			-0.65 +12.57	185.26	172.69
150	150	175			
175	175	200			
TP			-0.31 +13.08	198.03	184.95
200	200	225			
225	225				
TP			-0.36 +12.80	210.47	197.67
250					
275					
300 SL Brush + TP			-0.79 +3.39	213.07	209.68

4.1	181.2	5.2	180.1	8.8	176.5
7.2	178.1	7.4	177.9	11.6	173.7
1.3	184.0	3.2	182.1	4.1	181.2
8.5	189.5	9.4	188.6	8.9	189.1
3.5	194.5	1.6	196.4		
11.2	199.3	8.9	201.6	14.7	195.8
7.6	202.9	3.8	206.7	9.6	200.9
4.4	206.1	+0.9	211.4		
				6.37	Hub. 206.70

Proposed change in Sewer
from 32nd & F to 32 & I also up

Dec 12/08 { Childs, Barber, Rogers

H 290'

Sta			H.I.	Rod	Elev.
T.P.		12.52	93.76		81.24
0+00	Center 32nd & F			-0.1	93.9
+50				2.6	91.2
1+00				6.3	87.5
+50				9.3	84.5
2+00				11.7	82.1
+50				11.9	81.9
3+00				13.2	80.6
+50				14.2	79.6
+80	Center G.			15.2	78.6
4+00				15.0	78.8
+50				14.0	79.8
5+00				12.3	81.5
+50				10.0	83.8
6+50				10.2	83.6
7+50				11.0	82.8
+70	center H			10.89	82.87
T.P.		4.69	87.56		
8+00				5.0	82.6
9+00				5.2	82.4
10+00				6.3	81.3
11+00				6.3	81.3
+60	Center I.			6.4	81.2

POSTED

B.N.1. 32nd & G 3 nails in running board

H Street

Sta.		H.I. 87.56	Elev.
0+00 =		4.7	82.9
7+70	in opposite page		
1+00		3.5	84.1
2+00		1.1	86.5
+90		-0.2	87.8

POSTED

Levels for Slope E side of Curlew Olive to Palm
25' E of E line of Curlew

	1010	9339		83.29	Sewer [illegible] 24' S of [illegible] Olive & Curlew
N line Olive			8.6	84.8	
5' N of "			11.2	82.2	
25' N " "			11.3	82.1	
50' " " "			10.9	82.5	
75' " " "			(10.2 / 4.8)	(83.2 / 89.6)	
100' " " "			3.2	90.2	
125' " " "			2.7	90.7	
150' " " "			2.3	91.1	
TP	678	9767	2.50	90.89	
150' - 20' R			6.5	91.2	
150 - 20 L			6.9	90.8	
175' N of Olive			6.0	91.7	
175 - 10' R			6.2	91.5	
175 - 20 L Level E out of Cent					
200' N of Olive			5.6	92.1	
200' - 4' R			5.5 / 1.8	92.2 / 95.9	
200 - 18' R			0.0	97.7	
200 - L Level 50' E of Cent					
225' N of Olive			5.5	92.2	
225 - L Level 50' E of Cent					
250			6.5	91.2	
250 - 10 R Vert Bank			5.3	92.4	
250' - L Level 50' E				[illegible]	

9767

265' N of Olive	5.8	91.9
265' - 11 R Vert Bank	4.8	92.9
275' N of Olive	4.8	92.9
275' - L Level 40' E		
300 N - S L Palm		110.0
S L of Palm 25' E	5.1	92.6

Blough
Dorman
Feb 1 [illegible]
12.24.29

X of Curlew St (80') N L of Olive to
to S line of Palm St

12.24 95.5-3 83.29 Sewer Stat 24.8 S of Mon Olive + Curlew

N line of Olive St

25' E of E L		84.8
19' E of E L	13.8	81.7
E L +15'	14.0 14.0	81.5 81.5
bl	9.6	85.9
4 +9'	8.1 9.0	87.4 86.5
b	6.2	89.3
4	4.0	91.5
bl	1.2	94.3
W L		

25' N of Olive St

25' E of E L		82.1
E line +5	13.6 13.8	81.9 81.7
bl	18.4	77.1
4	8.0	87.5
b	3.8	91.7
4		

50' N of Olive St

25' E of E L 5 " " "		82.5
E line	12.2 7.4	88.1
bl +75'	7.0 7.0	88.5 88.5
4	3.7	91.8
b		

75' N of Olive St

50' E of E L		83.2
25' E of E L		(83.2 89.6)
E line +11	6.1 6.4	89.4 89.7
bl	1.3	94.2

100' N of Olive St

30' E of E L (same 40' E)	(12.0 5.2)	83.5 89.9
25' E " "		90.2
2' E " "	5.5	90.0
TP 1216 10757	0.18	95.35

N line of Olive

W L	9.5	98.0

25' N of Olive

W L	4.9	102.6
bl	9.0	98.5
4	12.1	95.4

50' N of Olive

W L	—	
bl	3.7	103.8
4	8.0	99.5
b	12.2	95.3

75' N of Olive

E 1/4	10.0	97.5
b	6.3	101.2
W 1/4	2.4	105.1

		10751		
	100'	n of	Olive	
E Sin			15.2	92.3
+4 +5			14.0	93.5
bb			12.0	95.5
			9.2	98.3
7			4.5	103.0
b			0.0	107.5
	125'	n of	Olive	
25' E of	E L			90.7
13' E of	E L		17.0	90.5
E Sin			10.0	97.5
bb			4.2	103.3
	150'	n of	Olive	
25' E of	E L			91.1
5' E "	" "			91.2
E Sin			7.0	100.5
T P	12.23	11945	0.29	107.22
	50'	n of	Olive	
W L			9.9	109.6
	75'	n of	Olive	
W L			3.6	115.9
bb			8.9	110.6
	100'	n of	Olive	
b			12.1	107.4
W 1/4			7.6	111.9
bb			2.9	116.6
+ w				

		11945		Curlew
	125'	n of	Olive	
E 1/4			12.0	107.5
b			6.7	112.8
W 1/4			1.9	117.6
	150'	n of	Olive	
E bb			12.7	106.8
E 1/4			6.7	112.8
b			1.3	118.2
	175'	n of	Olive	
25' E of E L				
15' E of "				
E Sin			15.8	103.7
bb			9.5	110.0
E 1/4			3.8	115.7
	200'	n of	Olive	
25' E of E L			b	
E Sin			13.6	105.9
E bb			7.0	112.5
E 1/4			1.4	118.1

119.45

	225'	n of	Olive	
25'	E of E L			92.2
6'	E of " "		13.3	106.2
E L			11.3	108.2
E bk			5.0	114.5
	250'	n of	Olive	
25'	E of E L			91.2
12'	E of E L		18.4	101.1
9'	E " E L		12.0	107.5
E L			9.0	110.5
TP	12.45	131.66	0.24	119.21
	100'	n of	Olive	
W L			9.9	121.8
	125'	n of	Olive	
W L			4.5	127.2
W bk			9.6	122.1
	150'	n of	Olive	
W 1/4			9.4	122.3
W bk			4.2	127.5
	175'	n of	Olive	
center			10.5	121.2
W 1/4			5.4	126.3
W bk			0.4	131.3

131.66

Curlew

69

	200'	n of	Olive
center		7.4	124.3
W 1/4		2.2	129.5
	225'	n of	Olive
E 1/4		10.4	121.3
center		4.6	127.1
W 1/4		0.0	131.7
	250'	n of	Olive
E bk		15.0	116.7
E 1/4		9.2	122.5
cent		3.3	128.4
	275'	n of	Olive St
25' E of E L			92.9
9' E " "		21.0	110.7
E line		17.4	114.3
E bk		11.2	120.5
E 1/4		7.0	124.7
cent		1.6	130.1
50' E of 300' n = S L			Palm St
33 E " C L		23.1	92.6 108.6
25' E of E L		21.2	110.0
16 " " "		20.1	111.6
E L		13.2	118.5
E bk		7.1	124.6
E 1/4		2.1	129.6
TP	12.88	142.42	1.12	130.54

		143.42		
	150'	n of	Olive	
W L			12.1	131.3
	175'	n of	Olive	
W L			9.0	134.4
	200'	n of	Olive	
W L			6.5	138.9
W bb			9.9	133.5
	225'	n of	Olive	
W L			4.0	139.4
W bb			8.5	134.9
	250'	n of	Olive	
W L			2.0	141.4
W bb			6.0	137.4
W y			9.9	133.5
	275'	n of	Olive	
W L				
W bb			3.1	140.3
W y			7.3	136.1
	300' = S L of Palm			
W L				
W bb			1.2	142.2
W y			6.0	137.4
b			10.2	133.2
T P	8.02	150.61	0.83	149.59

150.61

	275'	n of	Olive	
W L			6.5	144.1
	300' n = S L of		~~Olive~~ Palm	
W L			4.7	145.9

12 Clough
24 Donnan
10 Tetzpatrick

Levels for Slope West side of Curlew from S line of Red wood to N line of Spruce

	0.62			199.51	Mon Cent Red Wood & Curlew
	1.28	187.98	12.81	186.20	
		S line of Red wood			
20' w			2.8	185.2	
40' w			8.5	179.5	
		Center of Red wood			
20' w			6.1	181.9	
40' w			12.4	175.6	
		N S of Red wood			
20' w			7.8	180.2	
40' w			12.5	175.5	
		25' n of Red wood			
20' w			7.4	180.6	
40' w			13.6	174.4	
		50' n of Red wood			
20' w			6.7	181.3	
40' w			12.0	176.0	
		75' n of Red wood			
20' w			6.0	182.0	
40' w			11.0	177.0	
		100' n of Red wood			
20' w			5.5	182.5	
40' w			11.0	187.0	

187.98

		125' n of Red wood		
20' w			4.5	183.5
40' w			9.7	178.3
		150' n of Red wood		
20' w			3.8	184.2
40' w			8.2	179.8
		175' n of Red wood		
20' w			3.3	184.7
40 w			6.8	181.2
T.P.	12.77	197.95	2.80	185.18
		200' n of Red wood		
20' w			11.7	186.3
40' w			15.2	182.8
		225' n of Red wood		
20' w			9.5	188.5
40' w			12.9	185.1
		250' n of Red wood		
20' w			6.5	193.5
40' w			11.1	186.9
		275' n of Red wood		
20' w			4.0	194.0
40' w			8.1	189.9
		300' n = S line of Spruce		
20' w			0.4	197.6
40' w			4.7	193.3
	13.01	210.75	0.21	197.74

210.75

Center of Spruce

20' W	6.9	203.9
40' W	11.3	199.5

R of Spruce

20' W	2.0	208.8
40' W	4.5	206.3

5 Clough
20
15

X Sec of Curlew St (80) for Profile

Olive to Nutmeg

13.07	75.48		62.41	mon. Cent. Eagle & Hartley
11.58	85.54	1.52	73.96	
12.46	96.55	1.45	84.09	7 of Ridge
8.49	104.08	0.96	95.59	mon. Cent. Dove & Nutmeg
1		2.30	101.78	
0.38	104.01	0.45	103.63 +	Pit
.46	91.82	12.65	91.36	
9.50	93.50	7.83	84.00	mon. Cent. Olive & Curlew

Center of Olive St.

E	11.7
C	9.50
W	1.1

S. Line of Olive St

W	5.6
C	11.0
E	11.3

25' S of Olive

E	5.6
C	13.2
W	7.6

50' S of Olive

W	10.8
C	13.3
E	0.0

62.41
13.07
75.48
1.52
73.96
11.58
85.54
1.45
84.09
12.46
96.55
.96
95.59
8.49
104.08
.45
103.63
.38
104.01
12.65
91.36
.46
91.82
7.83
84.00
9.50
93.50

104.08
2.30
101.78

88.0

9350

	75'	S of	Olin	
W L			13,2	
C			13,8	
	100'	S of	Olin	
W L			13,2	
C			14,4	
	125	S of	Olin	
W L			11,8	
C			14,7	
	150'	S of	Olin	
W L			11,8	
	175'	S of	Olin	
W L			8,8	
	200	S of	Olin	
W L			4,7	
	225'	S of	Olin	
W L			1,0	
TP	12,95	105,92	0,53	9297
	250'	S of	Olin	
W L			11,2	
	275'	S of	Olin	
W L			9,4	
	300'	S = W L	Nutmeg at (80)	
W L			8,4	

9350
53
9297
12,95
105,92

		105.92		
	50'	S of	Cline	
E line			8.7	
	75'	S of	Cline	
E			6.3	
	100'	S of	Cline	
E			3.5	
	150'	S of	Cline	
center			11.0	
	175'	S of	Cline	
center			8.4	
	200'	S of	Cline	
center			0.6	
TP	12.93	118.55	0.30	105.62
	125'	S of	Cline	
E line			9.6	
	150'	S of	Cline	
E			6.1	
	175'	S of	Cline	
E			4.0	
	225'	S of	Cline	
center			7.5	
	250'	S of	Cline	
center			7.0	
	275'	S of	Cline	
center			3.7	

105.84
.30
105.62
12.93
118.55

11855

	300'	S = N S of Nutmeg			
Center			5,0		
TP	11.46	129.37	0.64	117.91	
	200'	S of Olive			
E Line			8,5		
	225'	S of Olive			
E			2,7		
	250'	S of Olive			
E			0,5		
	275'	S of Olive			
E			0,0		
	300'	S = N S of Nutmeg			
E			1,00		
TP	0.62	117.42	12.57	116.80	
	0.64	107.66	10.40	107.02	
				63	TPP
			4.00	103.66	73

118.55
.64
117.91
11.46
129.37
12.57
116.80
.62
117.42
10.40
107.02
.64
107.66
4.00
103.66

#948

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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	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