BROCKLYN Heig

Dale St. - Vassar St to
No. line of So. Park Add.

Van Ness Ave.
Williams St.
Watkins St.
Horton St.
Vassar St.
} Park to Despar.

Watkins Dale to

LEVEL

223

F.B. 223

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

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

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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.

MICROFILMED
DEC 8 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
0		0		0		0	
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

223

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Table sho
runn

MINUT
1
2
3
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Angle	
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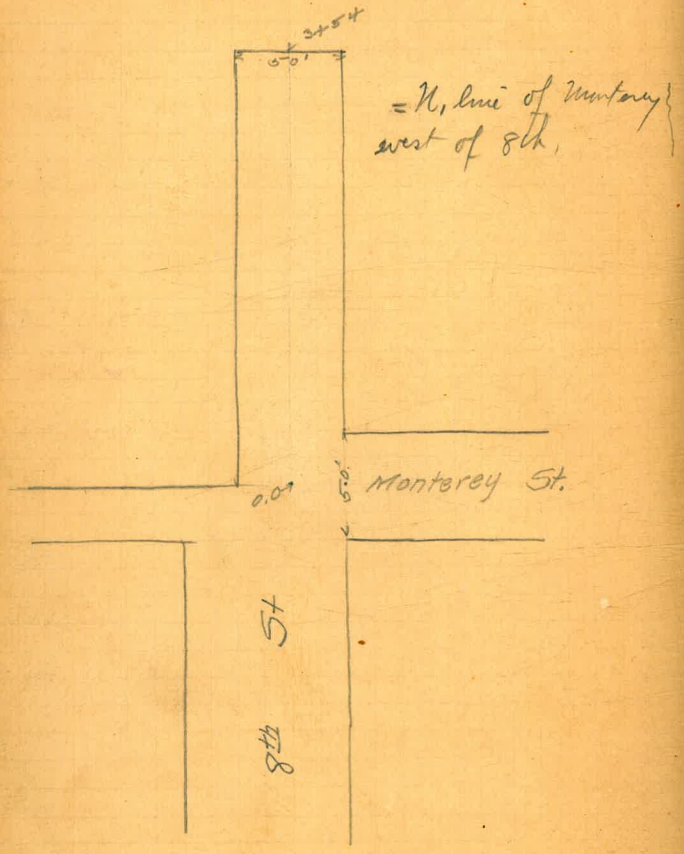
280.20 Watkins Sw. Spk.



Levels over Center Line of 8th St from Monterey to End of St. 9/5/05 { Davis, Burks, Haslam

1

POSTED

	3.95	288.20			284.25
T.P.	3.87	289.11	2.96		285.24
0			4.6		284.5
+25			4.5		284.6
+50			4.9		284.2
+75			4.8		284.3
1+00			4.2		284.9
+25			4.2		284.9
+50			4.5		284.6
+75			4.8		284.3
2+00			4.8		284.3
+25			4.5		284.6
+50			4.4		284.7
+75			4.6		284.5
3+00			4.8		284.3
+25			5.1		284.0
+54			5.6		283.5

Cross Section Dale St Vassar to No. Line So. Park

2

9/15/85 { Davis / Wilmore / Thomas

POSTED

	2.88	289.01		286.13
		So line Vassar		
E line		0.4	288.6	
Cb		1.1	287.9	
1/4		1.2	287.8	
C		1.5	287.5	
1/4		1.6	287.4	
Cb		1.8	287.2	
W Line		2.2	286.8	
		50' So Vas.		
W Line		3.0	286.0	
Cb		2.6	286.4	
1/4		2.0	287.0	
C		2.1	286.9	
1/4		1.9	287.1	
Cb		1.9	287.1	
E Line		1.3	287.7	

		100' So Vas		
E Line		2.4	286.6	
Cb		2.9	286.1	
1/4		2.8	286.2	
C		2.9	286.1	
1/4		3.3	285.7	
Cb		3.4	285.6	
W Line		3.5	285.5	
		150 So Vas		
W Line		3.8	285.2	
Cb		3.4	285.6	
1/4		3.8	285.2	
C		3.6	285.4	
1/4		3.5	285.5	
Cb		3.5	285.5	
E Line		3.1	285.9	

(289.01)

200' So Vas's.

E Line	3.9	285.1
Cb	4.6	284.4
¼	4.7	284.3
C	4.4	284.6
¼	4.4	284.6
Cb	4.3	284.7
W Line	4.4	284.6

200' So Vas

W Line	5.5	283.5
Cb	5.5	283.5
¼	5.3	283.7
C	5.3	283.7
¼	5.0	284.0
Cb	4.7	284.3
E Line	4.6	284.4

300 So: No line Horton

E Line	4.7	284.3
Cb	5.2	283.8
¼	5.3	283.7
C	5.3	283.7
¼	5.2	283.8
Cb	5.8	283.2
W Line	6.1	282.9

No Cb Horton

W Line	6.4	282.6
Cb	6.1	282.9
¼	5.7	283.3
C	5.5	283.5
¼	5.4	283.6
Cb	5.1	283.9
E Line	4.7	284.3

(289.01)

No ¼ Horton

E Line	4.8	284.1
Cb	5.1	283.9
¼	5.5	283.5
C	5.6	283.4
¼	5.9	283.1
Cb	6.3	282.7
W Line	6.6	282.4

Ctr Horton

W Line	6.7	282.3
Cb	6.4	282.6
¼	6.0	283.0
C	5.8	283.2
¼	5.5	283.5
Cb	5.1	283.9
E Line	5.0	284.0

So ¼ Horton

E Line	5.3	283.7
Cb	5.4	283.6
¼	5.7	283.3
C	6.1	282.9
¼	6.2	282.8
Cb	6.5	282.5
W Line	6.8	282.2

So Cb Horton

W Line	6.9	282.1
Cb	6.5	282.5
¼	6.4	282.6
C	6.1	282.9
¼	5.9	283.1
Cb	5.7	283.3
E Line	5.2	283.8

(289.01)

50 line Horton

E Line		5.3	283.7
Cb		5.8	283.2
¼		5.9	283.1
C		6.2	282.8
¼		6.7	282.3
Ct		6.8	282.2
W line		7.0	282.0

50' So Horton

W Line		8.1	280.9
Cb		7.6	281.4
¼		7.8	281.2
C		7.2	281.8
¼		7.0	282.0
Ct		6.9	282.1
E Line		6.5	282.5

100' So Horton

E Line		7.5	281.5
Cb		7.6	281.4
¼		8.0	281.0
C		8.5	280.5
¼		8.8	280.2
Ct		9.0	280.0
W line		9.4	279.6
T.P.	2.30	282.48	8.83	280.18

150' So Horton

W Line		4.1	278.4
Ct		3.8	278.7
¼		3.2	279.3
C		3.1	279.4
¼		2.8	279.7
Cb		2.1	280.4
E line		1.6	280.9

28248

200' So Horton

E line	2.3	280.2
Cb	3.0	279.5
¼	3.6	278.9
C	4.1	278.4
¼	4.2	278.2
Cb	4.3	278.2
W line	4.8	277.7

250' So Horton

W line	5.5	277.0
Cb	5.1	277.4
¼	4.8	277.7
C	4.5	278.0
¼	4.1	278.4
Cb	3.7	278.8
E line	3.6	278.9

300 So - No line Watkins

E line	4.4	278.1
Cb	4.5	278.0
¼	4.8	277.7
C	5.0	277.5
¼	5.5	277.0
Cb	5.8	276.7
W line	6.3	276.2

No Cb Wat

W line	6.4	276.1
Cb	6.0	276.5
¼	5.5	277.0
C	5.1	277.4
¼	5.0	277.5
Cb	4.8	277.7
E line	4.7	277.8

28248

No. ¼ Watline

E line	5.0	277.5
Cb	5.0	277.5
¼	5.1	277.4
C	5.4	277.1
¼	5.7	276.8
Cb	6.2	276.3
W line	6.8	275.7

Ctr Wat

W line	6.7	275.8
Cb	6.4	276.1
¼	6.1	276.4
C	5.7	276.8
¼	5.4	277.1
Cb	5.3	277.2
E line	5.1	277.4

So ¼ Wat

E line	5.3	277.2
Cb	5.7	276.8
¼	5.7	276.8
C	5.9	276.6
¼	6.4	276.1
Cb	6.7	275.8
W line	7.1	275.4

So. Cb Wat

W line	7.3	275.2
Cb	7.0	275.5
¼	6.7	275.8
C	6.3	276.2
¼	6.2	276.3
Cb	6.1	276.4
E line	5.8	276.7

282.48

So Line Wallens

E line	6.1	276.4
Cl	6.4	276.1
¼	6.6	275.9
C	6.6	275.9
¼	6.9	275.6
Cl	7.2	275.3
W line	7.5	274.9

50' So Wat

W line	8.9	273.6
Cl	8.6	273.9
¼	8.4	274.1
C	8.2	274.3
¼	8.2	274.3
Cl	8.1	274.4
E line	7.8	274.7

100' So Wat

E line	9.1	273.4
Cl	9.2	273.3
¼	9.4	273.1
C	9.8	272.7
¼	10.1	272.4
Cl	9.9	272.6
W line	10.2	272.3
T.P.	1.71	274.46
	9.73	272.75

125' So Wat

E line	1.8	272.7
Cl	1.9	272.6
¼	2.2	272.3
C	2.8	271.7
¼	2.8	271.7
Cl	2.9	271.6
W line	3.2	271.3

274.46

150' S. Watkins

W line	4.3	270,2
Cb	3.9	270,6
¼	4.0	270,5
C	3.8	270,7
¼	3.3	271,2
Cb	2.9	271,6
E line	2.3	272,2

175' S. Wat

E line	3,1	271,4
Cb	3.8	270,7
¼	4.3	270,2
C	4.6	269,9
¼	5.2	269,3
Cb	5,0	269,5
W line	5.2	269,3

200' S. Wat

W line	6.7	267,8
Cb	6.5	268,0
¼	5.9	268,6
C	4.9	269,6
¼	4.5	270,0
Cb	4,0	270,5
E line	3,2	271,3

225' S. Wat

E line	3.3	271,2
Cb	4.1	270,4
¼	4.7	269,8
C	5.6	268,9
¼	6.2	268,3
Cb	6,5	268,0
W line	7.9	266,6

27446

250' S. Watkins

W line	7.9	266.6
Cb	7.0	267.5
¼	6.4	268.1
C	5.6	268.9
¼	4.9	269.6
Cb	4.0	270.5
E line	3.3	271.2

275' S. Wat

E line	3.6	270.9
Cb	4.1	270.4
¼	4.7	269.8
C	5.4	269.1
¼	6.3	268.2
Cb	6.9	267.6
W line	7.6	266.9

300 = No. Line Williams

W line	7.5	267.0
Cb	6.7	267.8
¼	6.1	268.4
C	5.5	269.0
¼	5.0	269.5
Cb	4.5	270.0
E line	4.0	270.5

No Cb Will

E line	4.2	270.3
Cb	4.8	269.7
¼	5.2	269.3
C	5.6	268.9
¼	6.2	268.3
Cb	6.6	267.9
W line	7.4	267.1

01

274.46

No ¼ Williams

W-line	7.4	267.1
Cb	6.8	267.7
¼	6.4	268.1
C	5.8	268.7
¼	5.3	269.2
Cb	5.0	269.5
E-line	4.5	270.0

Ctr Williams

E-line	4.8	269.7
Cb	5.1	269.4
¼	5.4	269.1
C	6.0	268.5
¼	6.5	268.0
Cb	7.0	267.5
W-line	7.6	266.9

Note- Williams is 75' Wide

So ¼ Williams

W-line	7.8	266.7
Cb	7.1	267.4
¼	6.8	267.7
C	6.1	268.4
¼	5.6	268.9
Cb	5.3	269.2
E-line	4.8	269.7

So Cb. Williams

E-line	5.0	269.5
Cb	5.7	268.8
¼	6.1	268.4
C	6.4	268.1
¼	7.1	267.4
Cb	7.6	268.9
W-line	8.2	266.3

11

274.46

5. 1176 Williams

W line	8.5	266.0
Cb	7.8	266.7
¼	7.2	267.3
C	6.5	268.0
¼	6.3	268.2
Cb	5.8	268.7
E line	5.24	269.3

25' So Williams

E line	6.2	268.3
Cb	6.5	268.0
¼	7.0	267.5
C	7.6	266.9
¼	8.2	266.3
Cb	8.6	265.9
W line	9.2	265.3

50' So Williams

W line	10.2	264.3
Cb	9.5	265.0
¼	9.0	265.5
C	8.4	266.1
¼	7.7	266.8
Cb	7.1	267.4
E line	6.6	267.9

75' So Will

E line	7.2	267.3
Cb	7.9	266.6
¼	8.4	266.1
C	9.2	265.3
¼	9.8	264.7
Cb	10.5	264.0
W line	11.4	263.1
T.P.	2.70	266.22	10.94	263.52

26622

100' S. Williams

W line	4.5	261.7
Cb	3.6	262.6
¼	2.9	263.3
C	2.5	263.7
¼	1.5	264.7
Cb	0.6	265.6
E line	+0.2	26642

125' S. Will

E line	1.0	265.2
Cb	1.6	264.6
¼	2.7	263.5
C	3.6	262.6
¼	4.7	261.5
Cb	5.7	260.5
W line	6.8	259.4

150' S. Will

W line	8.1	258.1
Cb	7.3	258.9
¼	6.5	259.7
C	5.4	260.8
¼	4.1	262.1
Cb	2.7	263.5
E line	2.0	264.2

175' S. Will

E line	4.2	262.0
Cb	5.5	260.7
¼	6.6	259.6
C	8.1	258.1
¼	8.2	258.0
Cb	9.2	257.0
W line	10.4	255.8

26622

200 S. Williams

W line		13.0	253.2	
Cb		11.7	254.5	
¼		10.2	256.0	
C		9.2	257.0	
¼		8.9	257.3	
Cb		7.4	258.8	
E line		6.5	259.7	

225 S. Will

E line		8.5	257.7	
Cb		10.1	256.1	
¼		10.7	255.5	
C		11.3	254.9	
¾		12.9	253.3	
T.P	3.24	256.82	12.64	253.58
Cb			5.1	251.7
W line			5.9	250.9
10 W			6.9	249.9

250 S. Williams

15 W		10.8	246.0
W line		9.1	247.7
Cb		7.4	249.4
¼		5.7	251.1
C		4.5	252.3
¼		3.4	253.4
Cb		2.8	254.0
E line		1.4	255.4

275 S. Will

E line		1.8	255.0
Cb		4.2	252.6
¼		5.4	251.4
C		7.4	249.4
¼		9.7	247.1
Cb		10.3	246.5
W line		12.0	244.8
13 W		14.2	242.6
25 W		12.6	247.2

256.82

T.P	12.03	255.89	12.96		243.86

No. Line Van Ness

E line	1.8	x54.1
Cb	3.1	x52.8
¼	5.1	x50.8
C	7.1	x48.8
¼	9.0	x46.9
Cb	10.9	x45.0
W line	14.2	x41.7
10' W	14.0	x41.9
20' W	16.9	239.0

No Cb Van

14' W	17.1	x38.8
W line	13.8	x42.1
Cb	10.7	x45.2
¼	8.7	x47.2
C	6.7	x49.2
¼	5.0	x50.9
Cb	3.1	x52.8
E line	1.5	x54.4

Pig S.W Cor VanNess & Dale.

No ¼ Van

E line	1.4	x54.5
Cb	3.6	x52.3
¼	4.9	x51.0
C	6.9	x49.0
¼	9.0	x46.9
Cb	10.7	x45.2
W line	12.6	x43.3
15' W	15.7	x40.2

Ctr Van

15' W	14.4	x41.5
W line	12.6	x43.3
Cb	11.2	x44.7
¼	9.5	x46.4
C	7.0	x48.9
¼	4.9	x51.0
Cb	3.7	x52.2
E line	1.6	x54.3

255.89

50 4 Vans Near

E line		1.5	x54.4
Cl		3.4	x53.5
¼		5.4	x50.5
C		7.2	x48.7
¼		9.4	x46.5
Cl		10.9	x45.0
W line		12.7	x43.2
15' W		14.4	x41.5

50 Cl Van

15' W		14.1	x41.8
W line		12.5	x43.4
Cl		11.2	x44.7
¼		9.1	x46.8
C		7.3	x48.6
¼		5.7	x50.2
Cl		3.2	x52.7
E line		1.0	x54.9

50 line Van

E line		0.5	x55.4
Cl		2.9	x53.0
¼		4.8	x51.1
C		6.7	x49.2
¼		8.2	x47.7
Cl		10.1	x45.8
W line		12.1	x43.8
15 W		13.6	x42.3

25' 50 Van

15' W		11.6	x44.3
W line		10.1	x45.8
Cl		8.2	x47.7
¼		7.0	x48.9
C		5.4	x50.5
¼		3.9	x52.0
Cl		1,8	x54.1
T.P.	3.37	25918	0.08 255.81
E line			3.3 x55.9

259.18

50' So Van Ness

E line	2.3	256.9
Cb	3.8	255.4
1/4	5.6	253.6
C	7.5	251.7
1/4	8.9	250.3
Cb	10.4	248.8
W line	11.3	247.9
15 W	12.9	246.3

75' So Van

W line	10.4	248.8
Cb	9.4	249.8
1/4	8.3	250.9
C	7.0	252.2
1/4	5.2	254.0
Cb	3.8	254.4
E line	2.5	256.7

100' So Van

E line	3.2	256.0
Cb	4.2	255.0
1/4	5.2	254.0
C	6.5	252.7
1/4	8.0	251.2
Cb	8.9	250.3
W line	10.0	249.2

125' So Van

W line	10.3	248.9
Cb	9.2	250.0
1/4	8.0	251.2
C	7.0	252.2
1/4	5.9	253.3
Cb	4.9	254.3
E line	4.0	255.2

259.18

150' 50 Van Ness

E-line	5.3	x53.9
Cb	5.9	x53.3
¼	6.7	x52.5
C	7.7	x51.5
½	9.0	x50.2
Cb	9.9	x49.3
W line	11.0	x48.2

175' 50 Van

W line	11.8	x47.4
Cb	10.8	x48.4
¼	9.7	x49.5
C	8.9	x50.3
½	8.0	x51.2
Cb	7.2	x52.0
E line	6.5	x52.7

200' 50 Van

E line	7.1	x52.1
Cb	8.0	x51.2
¼	9.4	x49.8
C	10.2	x49.0
¼	11.1	x48.1
Cb	12.0	x47.2
W line	12.9	x46.3

225' 50 Van

W line	13.9	x45.3
Cb	13.1	x46.1
¼	12.2	x47.0
C	11.2	x48.0
¼	10.1	x49.1
Cb	9.2	x50.0
E line	8.6	x50.6

81 259.18

250'50 Van Ness

E line		9.2	x500	
Cb		9.7	x49.5	
¼		11.1	x48.1	
C		12.2	x47.0	
T.P	4.87 251.91	12.14		247.04
¼		5.6	x46.3	
Cb		6.2	x45.7	
W line		6.8	x45.1	

275'50 Van

W line	8.2	x43.7	
Cb	6.7	x45.2	
¼	6.2	x45.7	
C	5.9	x46.0	
¼	4.5	x47.4	
Cb	4.2	x47.7	
E line	3.0	x48.9	

300 = No line Choate

E line	3.8	x48.1
Cb	4.8	x47.1
¼	5.6	x46.3
C	5.9	x46.0
¼	6.4	x45.5
Cb	6.8	x45.1
W line	8.6	x43.3

North Choate

W line	8.9	x43.0
Cb	7.5	x44.4
¼	6.9	x45.0
C	6.8	x45.1
¼	6.0	x45.9
Cb	5.6	x46.3
E line	4.4	x47.5

25191

No ¼ Choate

E line	4.5	x47.4
Cb	5.7	x46.x
¼	6.4	x45.5
C	6.9	x45.0
½	7.5	x44.4
Cb	8.1	x43.8
W line	8.7	x43.x

Ctr Choate

W line	8.7	x43.x
Cb	8.4	x43.5
¼	7.9	x44.0
C	7.1	x44.8
½	6.4	x45.5
Cb	5.9	x46.0
E line	5.0	x46.9

So ¼ Choate

E line	5.8	x46.1
Cb	6.0	x45.9
½	6.7	x45.x
C	7.7	x44.x
¾	8.0	x43.9
Cb	8.9	x43.0
W line	8.8	x43.1

So Cb Choate

W line	9.9	x4x.0
Cb	8.9	x43.0
¼	8.4	x43.5
C	7.3	x44.6
½	7.0	x44.9
Cb	6.8	x45.1
E line	6.1	x45.8

251.91

20 line Choate

E line	5.8	x46.1
Cb	6.5	x45.4
¼	7.4	x44.5
C	7.6	x44.3
¼	8.4	x43.5
Cb	8.8	x43.1
W line	9.81	x42.1

25 'So Choate

W line	9.8	x42.1
Cb	9.1	x42.8
¼	8.7	x43.2
C	8.5	x43.4
¼	8.1	x43.8
Cb	7.2	x44.7
E line	6.3	x45.6

50 'So Choate

E line	6.6	x45.3
Cb	7.6	x44.3
¼	8.2	x43.7
C	8.9	x43.0
¼	9.3	x42.6
Cb	9.6	x42.3
W line	10.3	x41.6

75 'So Choate

W line	10.6	x41.3
Cb	10.4	x41.5
¼	9.2	x42.7
C	8.9	x43.0
¼	8.5	x43.4
Cb	7.5	x44.4
E line	6.7	x45.2

25191

100' S. Choate

E line		7.6	x44.3	
Cb		8.0	x43.9	
½		8.5	x43.4	
C		8.9	x43.0	
½		9.0	x42.9	
Cb		9.5	x42.4	
W line		11.2	x40.7	
T.P 5.33	245.41	11.83		240.08

125' S. Choate

W line		4.6	x40.8
Cb		3.7	x41.7
¼		3.1	x42.3
C		2.7	x42.7
¼		2.1	x43.3
Cb		1.6	x43.8
E line		1.6	x43.8

150' S. Choate

E line		1.4	x44.0
Cb		2.2	x43.2
¼		2.7	x42.7
C		2.8	x42.6
¼		3.4	x42.0
Cb		4.2	x41.2
W line		4.9	x40.5

175' S. Choate

W line		4.8	x40.6
Cb		4.3	x41.1
¼		3.8	x41.6
C		3.6	x41.8
¼		3.0	x42.4
Cb		2.2	x43.2
E line		1.7	x43.7

245.41

200' So Choate

E line	2.8	x42.6
Cb	3.0	x42.4
¼	3.2	x42.2
C	3.8	x41.6
¼	4.1	x41.3
Cb	4.6	x40.8
W line	5.2	x40.2

225' So Choate

W line	5.8	x39.6
Cb	4.5	x40.9
¼	4.2	x41.2
C	4.7	x40.7
¼	4.2	x41.2
Cb	3.4	x42.0
E line	3.1	x42.3

250' So Choate

E line	3.8	x41.6
Cb	4.2	x41.2
¼	4.5	x40.9
C	5.4	x40.0
¼	5.9	x39.5
Cb	6.3	x39.1
W line	6.7	x38.7

275' So Choate

W line	7.3	x38.1
Cb	7.3	x38.1
¼	6.2	x39.2
C	5.7	x39.7
¼	5.4	x40.0
Cb	4.8	x40.6
E line	4.4	x41.0

245.41

300 = No line Seamen

E line	5.2	240.2
Cb	5.6	239.8
1/4	6.2	239.2
C	6.3	239.1
1/4	7.3	238.1
Cb	7.7	237.7
W line	7.9	237.5

No Cb Seamen

W line	8.7	236.7
Cb	7.6	237.8
1/4	7.4	238.0
C	7.2	238.2
1/4	6.6	238.8
Cb	6.1	239.3
E line	5.6	239.8

No 1/4 Seaman

E line	6.1	239.3
Cb	6.5	238.9
1/4	7.0	238.4
C	7.5	237.9
1/4	7.8	237.6
Cb	8.2	237.2
W line	9.2	236.2

Ch. Seaman

W line	9.7	235.7
Cb	8.6	236.8
1/4	8.5	236.9
C	7.6	237.8
1/4	7.3	238.1
Cb	6.9	238.5
E line	6.7	238.7

245.41

So 1/4 Seaman

E line	7.4	238.0
Cb	7.8	237.6
1/4	7.5	237.9
C	7.6	237.8
1/4	8.8	236.6
Cb	9.0	236.4
W line	9.9	235.5

So Cb Seaman

W line	10.0	235.4
Cb	9.2	236.2
1/4	9.4	236.0
C	8.8	236.6
1/4	8.5	236.9
Cb	8.3	237.1
E line	8.0	237.4

So line Seaman

E line	9.0	236.4
Cb	9.0	236.4
1/4	9.2	236.2
C	9.5	235.9
1/4	9.8	235.6
Cb	10.3	235.1
W line	10.8	234.6

25' So Seaman

W line	12.2	233.2
Cb	11.8	233.6
1/4	11.4	234.0
C	11.1	234.3
1/4	10.8	234.6
Cb	10.7	234.7
E line	11.2	234.2

T.P	1.07	234.35	12.13	233.28

234.35

50' So Seaman

E line		3.0	231.4
Cb		2.3	232.1
1/4		2.4	232.0
C		2.7	231.7
1/4		3.0	231.4
Cb		3.3	231.1
W line		3.8	230.6

75' So Seaman

W line		6.1	228.3
Cb		5.8	228.6
1/4		5.7	228.7
C		5.5	228.9
1/4		5.5	228.9
Cb		5.7	228.7
E line		5.6	228.8

111 So of Seaman - No line So Park

E line			10.0	224.4	
Cb			9.6	224.8	
1/4			9.8	224.6	
C			10.0	224.4	
1/4			9.9	224.5	
Cb			9.4	225.0	
W line			9.2	225.2	
T.P.	2.08	225.43	11.00		223.35
B.M. Pkg N.E Cor Dale & Amherst			7.92		217.51

LEVELS OVER VAN NESS AVE.
(PARK AVE — FERN AVE)

NOV. 20, 1905

{COVERT WETMORE MOORE

		H.I.		
B.M.	0.02	230.92		230.90
	0.07	218.39	12.60	218.32
	0.12	205.75	12.76	205.63
0 = EAST LINE PARK AVE.				
+09-E				
+ 11-E				
+25-E				
+50 E				
	12.90	218.53	0.12	205.63
+50-E				
+75-E				
	12.90	231.22	0.21	218.32
1+0 E				
+50-E				
	10.27	241.17	0.32	230.90
2+0-E = WEST LINE BEAN				
+ 40 = CEN. BEAN				

N. L		CEN.		S. L	
HUB AT N.W. COR BEAN - VAN NESS					
7.0	198.7	9.1	196.6	11.1	194.6
				15.2	190.5
		13.1	192.6		
11.0	194.7	7.9	197.8	10.2	195.5
0.6	205.1			1.0	204.7
		10.0	208.5		
3.1	215.4	0.9	217.6	4.9	213.6
10.1	221.1	8.6	222.6	11.5	219.7
4.3	226.9	3.4	227.8	5.0	226.2
10.3	230.9	9.6	231.6	10.9	230.3
9.4	231.8	8.5	232.7	9.1	232.1

		241.17		
80-E = 0 =	EAST LINE	BEAN.		
50-E				
100-E				
150-E				
200-E =	WEST LINE	29 TH		
+40 =	CEN. LINE	29 TH.		
+80 = 0 =	EAST LINE	29 TH		
50-E				
70-E				
	4.33	234.36	11.14	230.03
100-E				
125-E				
150-E				
	12.86	246.62	0.60	233.76
50 E				
100 E				
115-E				

N. L		CEN.		S. L	
8.8	232.4	8.1	233.1	8.7	232.5
8.4	232.8	7.7	233.5	8.7	232.5
8.0	233.2	8.1	233.1	9.4	231.8
6.4	234.8	7.7	233.5	10.5	230.7
3.7	237.5	6.5	234.7	10.4	230.8
2.3	238.9	5.9	235.3	9.9	231.3
0.9	240.3	4.9	236.3	8.5	232.7
		2.5	238.7	8.9	232.3
				9.4	231.8
				13.1	221.3
				2.1	232.3
		6.2	228.2		
3.6	243.0				
1.8	244.8	8.7	237.9		
		9.5	237.1		

		246.62			
		2.84			
		243.78	- 243.86	S.W. DALE	
			1.08 ch.	V.N.	
150-E					
167-E					
175-E					
200-E = WEST LINE DALE.					
	12.33	258.80	0.15	246.47	
+40 = CENTER LINE DALE					
+80 = 0 = EAST LINE DALE.					
	12.61	271.04	0.37	258.43	
50-E					
100-E					
150-E					
200-E = WEST LINE 30TH					
+40 = CEN " "					
+80 = 0 = EAST " "					
50-E					
100-E					
150-E					

N.L.		C.L.		S.L.	
3.1	243.5			10.7	235.9
5.3	241.3				
10.2	236.4	8.2	238.4	5.9	240.7
4.9	241.7	3.4	243.2	3.0	243.6
10.4	248.4	10.2	248.6	8.7	250.1
4.8	254.0	4.6	254.2	3.5	255.3
9.5	261.5	9.0	262.0	9.5	261.5
4.4	266.6	5.5	265.5	6.6	264.4
2.9	268.1	4.2	266.8	5.8	265.2
2.6	268.4	3.7	267.3	4.8	266.2
2.0	269.0	3.1	267.9	3.4	267.6
1.5	269.5	2.4	268.6	3.2	267.8
1.4	269.6	2.0	269.0	3.3	267.7
1.8	269.2	2.6	268.4	3.3	267.7
3.0	268.0	4.0	267.0	5.2	265.8

		271.04			
200-E					
222-E	= WEST LINE	FERN			
252-E	= CEN "	"			
282-E	= EAST "	"			

WILLIAMS ST = 75' WIDE
(DESPARD - PARK)

	7.56	278.33	0.27	270.77
	EAST LINE	DESPARD		
	CEN. "	"		
0 =	WEST "	"		
8.5-W				
58.5W				
108.5W	= EAST LINE	30TH		
	CEN. "	"		
	WEST "	"		
50-W				
100-W				

N. L		C. L		S. L	
7.2	263.8	8.4	262.6	9.9	261.1
8.5	262.5	10.5	260.5	11.6	259.4
9.3	261.7	11.5	259.5	12.9	258.1
10.2	260.8	11.6	259.4	13.7	257.3
4.3	274.0	4.6	273.7	4.9	273.4
3.3	275.0	3.6	274.7	4.1	274.2
2.5	275.8	3.3	275.0	3.8	274.5
2.2	276.1	3.3	275.0	3.6	274.7
1.9	276.4	3.0	275.3	2.9	275.4
1.5	276.8	2.1	276.2	2.7	275.6
1.8	276.5	2.4	275.9	2.8	275.5
2.4	275.9	2.9	275.4	3.2	275.1
3.2	275.1	3.9	274.4	4.5	273.8
4.5	273.8	5.5	272.8	6.1	272.2

		278.33			
150-W					
200-W = EAST LINE DALE					
+40 = CEN " "					
+80 = 0 = WEST " "					
	0.02	265.39	12.96	265.37	
50-W					
100-W					
150-W					
163-W					
125-W					
200-W = EAST LINE 29TH					
+40 = CEN " "					
+80 = WEST " "					
	0.51	253.05	12.85	252.54	
180-W					
200-W = EAST LINE 29TH					
+28					

N.L		C.L		S.L	
6.3	272.0	7.2	271.1	7.7	270.6
8.0	270.3	8.7	269.6	9.2	269.1
9.4	268.9	9.9	268.4	10.5	267.8
11.6	266.7	11.5	266.8	12.5	265.8
1.8	263.6	1.1	264.3	1.5	263.9
5.6	259.8	4.9	260.6	4.0	261.4
8.3	257.1	9.7	255.7	7.5	257.9
		11.9	253.5		
8.2	257.2				
9.4	256.0			11.1	254.3
10.5	254.9				
12.2	253.2				
		8.8	244.2		
		10.6	242.4		
				2.1	250.9

		253.05			
+40 = CEN. LINE 29TH					
+72					
+80=0 FWEST LINE 29TH					
50-W					
100-W					
150-W					
	0.02	240.21	12.86	240.19	
200-W = EAST LINE BEAN					
+40 = CEN " "					
+80 = 0 = WEST " "					
50-W					
100-W					
150-W					
200-W = EAST LINE PARK AVE					230.91 230.90 .01
B.M.			9.30	230.91	
T.P.	1.06	231.36	9.91	230.30	
	0.18	218.89	12.65	218.71	

N.L		C.L		S.L	
		3.9	249.1	5.7	247.3
				20.7	232.3
		5.3	247.7	18.6	234.4
1.5	251.5	3.9	249.1	13.1	239.9
5.3	247.7	6.9	246.1	10.4	242.6
10.9	242.1	10.7	242.3	12.9	240.1
2.6	237.6	1.1	239.1	2.9	237.3
5.3	234.9	3.8	236.4	5.1	235.1
7.1	233.1	6.5	233.8	7.3	232.9
8.9	231.3	8.4	231.8	9.5	230.7
11.1	229.1	10.5	229.7	10.6	229.6
12.2	228.0	11.4	228.8	11.4	228.8
11.0	229.2	11.4	228.8	12.0	228.2

B.M. ON HUB AT N.W. BEAN & VAN. NESS

N.E. COR. OF STONE MON. AT PARK & WILLIAMS

					N. L		C. L		S. L	
	0.0	206.18	12.71	206.18						
	27.6	197.39	12.55	194.63						
WATKINS AVE (PARK — DESPAIR)										
HUB AT S.E. COR. {PARK WATKINS H.I. 197.39			8.61	188.78						
0 = EAST LINE PARK					0.8	196.6	7.2	190.2	8.6	188.8
15-E									12.3	185.1
25-E									6.7	190.7
WATKINS & VAN. N.E. HUB	12.74	209.32	0.81	196.58						
25-E					1.7	207.6	7.1	202.2		
50-E									4.3	205.0
	12.99	221.89	0.42	208.90						
50-E					7.3	214.6	6.4	215.5		
75-E					3.9	218.0	0.0	221.9	3.8	218.1
	12.72	234.57	0.04	221.85						
100-E					14.9	219.7	10.2	224.4	10.4	224.2
150-E					9.5	225.1	4.4	230.2	3.8	230.8

200-E = WEST LINE BEAN ST.				
	12.725	247.10	0.195	234.375
200-E = WEST LINE BEAN ST.				
+40 = CEN. " " "				
+80 = EAST " " "				
	12.70	259.39	0.41	246.69
+80 = 0 = EAST LINE BEAN ST.				
50-E.				
	12.12	271.19	0.32	259.07
100-E				
150-E				
200-E = WEST LINE 29TH ST.				
+40 = CEN " " "				
+80 = 0 = EAST " " "				
50-E				
	11.23	282.22	0.20	270.99
100-E				

N. L		C. L.		S. L.	
2.2	232.4				
		10.7	236.4	9.9	237.2
7.8	239.3	5.0	242.1	4.5	242.6
1.1	246.0				
		11.2	248.2	10.9	248.5
5.4	254.0	4.5	254.9	4.9	254.5
11.2	260.0	11.2	260.0	11.7	259.5
8.5	262.7	8.1	263.1	8.7	262.5
6.1	265.1	6.2	265.0	6.7	264.5
4.5	266.7	4.9	266.3	5.8	265.4
3.4	267.8	3.8	267.4	4.1	267.1
CRAZY	COW	1.7	269.5	2.4	268.8
9.9	272.3	10.4	271.8	11.2	271.0

		282.22			
150-E					
200-E = WEST LINE DALE					
+40-E = CEN " "					
+80-E = 0 = EAST " "					
50-E					
100-E					
150-E					
200-E = WEST LINE 30TH ST.					
+40 = CEN " " "					
+80 = 0 = EAST " " "					
50-E					
100-E					
108-E = WEST LINE DESPARD					
138-E = CEN " "					
168-E = EAST " "					
	6.42	288.51	0.13	282.09	

N.L		C.L		S.L	
7.8	274.4	8.5	273.7	9.5	272.7
6.4	276.1	6.6	275.6	7.4	274.8
4.8	277.4	5.5	276.7	6.5	275.7
4.2	278.0	4.8	277.4	5.9	276.3
3.8	278.4	4.5	277.7	5.2	277.0
2.6	279.6	3.7	278.5	4.0	278.2
2.1	280.1	2.9	279.3	3.3	278.9
1.6	280.6	2.4	279.8	2.7	279.5
1.3	280.9	1.7	280.5	1.9	280.3
0.8	281.4	1.4	280.8	1.8	280.4
2.3	279.9	2.2	280.0	2.2	280.0
5.1	277.1	5.3	276.9	4.9	277.3
5.2	277.0	5.9	276.3	5.4	276.8
7.0	275.2	7.0	275.2	7.1	275.1
7.1	275.1	7.5	274.7	8.0	274.2

TRINITY ST.
HORTON AVE
(DESPARD – PARK)

M.I.
288.51

0 = EAST LINE DESPARD.

30 CEN. " "

60=0=WEST " "

6.5 W.

56 E W

106 E W = EAST LINE 30TH

= CEN. " "

= WEST. " "

50-W

100-W

150-W

200-W = EAST LINE DALE

+40 = CEN " "

+80 = 0 = WEST " "

50-W

100-W

N.L		C.L		S.L	
7.3	281.2	7.8	280.7	8.3	280.2
5.7	282.6	6.7	281.8	7.2	281.3
4.5	284.0	5.1	283.4	5.3	283.2
4.0	284.5	4.8	283.7	4.9	283.6
1.9	286.6	3.3	285.2	3.6	284.9
2.0	286.5	3.0	285.5	2.9	285.6
2.5	286.0	2.8	285.7	3.9	284.6
2.9	285.6	3.5	285.0	3.6	284.9
3.1	285.4	4.0	284.5	4.1	284.4
3.6	284.9	4.4	284.1	4.6	283.9
3.7	284.8	4.0	284.5	4.5	284.0
4.2	284.3	4.5	284.0	4.9	283.6
4.8	283.7	5.3	283.2	5.7	282.8
5.7	282.8	6.2	282.3	6.7	281.8
7.5	281.0	7.8	280.7	8.3	280.2
10.0	278.5	9.9	278.6	10.3	278.2

					N.L		C.L		S.L	
	0.06	276.08	12.49	276.02						
150-W					2.2	273.9	2.6	273.5	2.7	273.4
180-W					5.9	270.2				
200-W	= EAST	LINE	29TH				7.7	268.4	6.9	269.2
+40	= CEN.	"	"				10.3	265.8	9.3	266.8
+80	= WEST	"	"				9.4	266.7	9.5	266.6
16-W.	OF 29TH				12.2	263.9				
50-W	OF 29TH				13.6	262.5	12.5	263.6	13.0	263.1
	0.48	263.66	12.90	263.18						
	EAST	LINE	29TH		1.8	261.9				
	WEST	"	29TH		1.3	262.4				
	0.59	251.51	12.74	250.92						
4' WEST OF CEN. LINE 29TH = BOTTOM OF GULLY					10.0	241.5				
	12.74	263.66	0.59	250.92						
	0.33	263.50	0.49	263.17						
100-W					6.0	257.5	5.5	258.0	5.9	257.6
15	0.01	250.51	13.00	250.50						

			250.51			N.L		C.L		S.L	
150-W						2.6	247.9	1.7	248.8	1.3	249.2
200-W = EAST LINE BEAN						13.0	237.5	11.2	239.3	9.5	241.0
	- 0.01	237.45	13.05	237.46		ON HUB AT N.E. COR BEAN & HORTON					
+40 = CEN. LINE BEAN						9.0	228.4	6.0	231.4	3.5	233.9
+80 = WEST "								14.0	223.4	8.9	228.5
50-W										11.3	226.4
100-W										13.3	224.1
150-W										14.8	222.6
	0.25	224.78	12.92	224.53							
+80 = 0 = WEST LINE BEAN						7.2	217.6				
50-W								5.9	218.9		
100-W								8.2	216.6		
150-W								10.2	214.6		
200-W = EAST LINE PARK										6.3	218.5
	0.445	212.485	12.74	212.04							
50 W						3.5	209.0				
100W						6.5	206.0				

10.9
5.9
16.8

212.485

150-W

200W = EAST LINE PARK.

LEVELS OVER VASSAR ST.
(PARK — DESPARD)

0 = EAST LINE PARK AVE

					N.L		C.L		S.L	
	12.745	221.37	3.86	208.625						
50-E					10.2	211.2	9.8	211.6	10.2	211.2
	13.10	234.28	0.19	221.18						
100-E					8.8	225.5	9.5	224.5	10.2	224.1
150-E							0.5	233.8	1.4	232.9
	12.62	246.78	0.12	234.16						
150-E					12.0	234.8				
200-E = WEST LINE BEAN					5.2	241.6	6.9	239.9	9.0	237.8
S.W. PLUG BEAN & VASSAR			9.02	237.76						
+40 = CEN. LINE BEAN							2.5	244.3	5.9	240.9
+80 = EAST " "									2.5	244.3

	10.70	257.28	0.20	246.58
	12.87	257.13	13.02	244.26
+40 =	CEN.	LINE	BEAN	
+80 = 0 =	EAST	LINE	BEAN	
50 E.				
100-E				
150-E				
	12.34	268.94	0.53	256.60
50 E				
100 E				
150-E				
200 E =	WEST	LINE	29TH	
+40 =	CEN	"	"	
+	13.02	281.81	0.15	268.79
200-E =	WEST	LINE	29TH	
+40 =	CEN	"	"	
+80 =	EAST	"	"	

N. L		C. L		S. L	
ON	PLUG AT	S. E COR.	BEAN &	VASSAR	
10.7	246.4				
5.2	251.9	8.0	249.1		
		1.9	255.2	11.0	246.1
				8.3	248.8
				3.1	254.0
9.5	259.4				
4.9	264.0	10.3	258.6		
3.3	265.6	7.8	261.1		
		2.3	266.6	7.9	261.0
				3.4	265.5
12.8	269.0				
10.1	271.7	12.1	269.7		
6.2	275.6	8.1	273.7	12.0	269.8

		281.81			
50 E.					
	12.53	293.58	0.76	281.05	-5
100 E					
150 E					
200 E	= WEST LINE	DALE			
+40	= CEN. "	"			
+80	= EAST "	"			
50-E					
100 E					
150-E					
200-E	WEST LINE	30TH			
+40	= CEN. "	"			
+80	= EAST "	"			
50 -E					
105-E	= WEST LINE	DESPARD			
135-E	CEN. "	"			
165-E	= EAST "	"			
CK. BM.			3.77	289.81	289.70 / .09 ck.

N.L		C.L.		S.L	
1.0	280.8	2.7	279.1	4.7	277.1
9.7	283.9	10.9	282.7	11.6	282.0
7.4	286.2	8.5	285.1	8.8	284.8
5.2	288.4	6.3	287.3	6.8	286.8
4.5	289.1	5.4	288.2	6.1	287.5
3.9	289.7	4.9	288.7	5.0	288.6
3.7	289.9	4.5	289.1	4.7	288.9
4.0	289.6	4.5	289.1	4.6	289.0
4.3	289.3	4.8	288.8	5.1	288.5
4.1	289.5	4.6	289.0	4.6	289.0
4.0	289.6	4.3	289.3	4.9	288.7
4.6	289.0	4.4	289.2	4.5	289.1
6.6	287.0	6.1	287.5	5.9	287.7
8.7	284.9	8.8	284.8	8.9	284.7
9.6	284.0	9.4	284.2	9.8	283.8
10.2	283.4	9.6	284.0	10.6	283.0

S.E. COR VASSAR & 30TH SPIKE IN FENCE POST

Seaman Ave.

(Bean - Park)

covert wetmore Moore (12/6/05

					S.L		C.L		N.L	
		6.98	220.40	213.42	HUB AT S.W. COR BEAN					
2+85.3	= W.L. PARK				2.4	218.0	2.4	218.0	2.5	217.9
2+45.3	= C.L. PARK				4.0	216.4	4.1	216.3	4.5	215.9
2+0	= E.L. PARK.				7.3	213.1	7.9	212.5	8.9	211.5
2+00		0.57	208.28	12.69 207.71						
1+60			207.18 11.25 218.43	218.4 8.9 209.5			7.0		7.1	201.2
1+50					3.5	204.8	7.0	201.3	12.4	195.9
1+40							10.7	197.6		
1+30					8.5	199.8	16.6	191.7		
1+20							14.5	193.8		
1+25					12.4	195.9			19.8	188.5
1+20					11.2	197.1				
1+15					7.4	200.9	11.2	197.1	14.7	193.6
1+0					3.0	205.3	6.7	201.6	13.8	194.5
0+80					+1.9	210.2			13.8	194.5
0+25							3.3	205.0		
0+75					+1.2	209.5	4.4	203.9	18.6	189.7
0+50	+ 25 = +1.9								20.7	187.6
0+35					0.6	207.7	12.6	195.7	9.8	198.5
0	= W.L. BEAN									

Watkins Ave. 1/31/06 Kalch Haslam Thomas Moore

Dale - Storey

POSTED

Bm.	5.80	286.00	280.20	SVV. 30" and Watkins

E line Dale

S	9.6	277.4
cb.	9.3	276.7
1/4	8.9	277.1
c	8.6	277.4
1/4	8.5	277.5
cb.	8.2	277.8
N	7.9	278.1

25' E of Dale

N	7.9	278.1
cb.	8.2	277.8
1/4	8.4	277.6
c	8.7	277.3
1/4	8.8	277.2
cb.	9.0	277.0
S.	9.2	276.8

286.0

50' E of Dale

S	8.8	277.2
cb.	8.7	277.3
1/4	8.5	277.5
c	8.3	277.7
1/4	7.3	278.7
cb.	7.3	278.7
N	7.4	278.6

75' E of Dale

N.	7.3	278.7
cb.	7.7	278.3
1/4	8.0	278.0
c	8.1	277.9
1/4	7.9	278.1
cb.	8.2	278.8
S	8.5	277.5

286.0

100' E of Dale

S	7.7	278.3
cb	7.5	278.5
1/4	6.9	279.1
c	7.5	278.5
1/4	7.1	278.9
cb	7.1	278.9
N	6.3	279.7

125' E of Dale

N	5.9	280.1
cb	6.7	279.3
1/4	6.7	279.3
c	6.9	279.1
1/4	7.3	278.7
cb	7.3	278.7
S	7.5	278.5

286.0

150' E of Dale

S	7.1	278.9
cb	6.9	279.1
1/4	7.0	279.0
c	6.5	279.5
1/4	6.4	279.6
cb	6.0	280.0
N	5.8	280.2

175' E of Dale

N	5.6	280.4
cb	5.8	280.2
1/4	6.0	280.0
c	6.2	279.8
1/4	6.0	280.0
cb	6.2	279.8
S	6.8	279.2

286.0

200' E of Dale = W Line 30th

S		6.4	279.6
ab		6.2	279.8
1/4		6.3	279.7
C		6.2	279.8
1/4		6.6	280.4
ab		5.8	280.2
N		6.2	280.8

E Line 30th

N		4.6	281.4 Hub
ab		4.7	281.3
1/4		5.0	281.0
C		5.1	280.9
1/4		5.3	280.7
ab		5.4	280.6
S		5.6	280.4

286.0

25' E of 30th

S		5.6	280.4
ab		5.5	280.5
1/4		5.3	280.7
C		5.3	280.7
1/4		5.3	280.7
ab		5.0	281.0
N		4.8	281.2

50' E of 30th

N		5.9	280.1
ab		6.1	279.9
1/4		6.1	279.9
C		6.0	280.0
1/4		5.9	280.1
ab		5.9	280.1
S		6.0	280.0

286.0

75' E of 30th

S	7.0	279.0
cb.	7.2	278.8
1/4	7.3	278.7
c	7.3	278.7
1/4	7.5	278.5
cb	7.5	278.5
N	7.3	278.7

100' E of 30th

N	5.8	277.2
cb.	9.1	276.9
1/4	9.2	276.8
c	9.0	277.0
1/4	8.7	277.3
cb	8.6	277.4
S	8.6	277.4

Note - Despard St = 66' wide

286.0

108' E of 30th = W line Despard

S	9.1	276.9
cb	9.4	276.6
1/4	9.4	276.6
c	9.6	276.4
1/4	9.6	276.4
cb.	9.7	276.3
N	9.0	277.0

W cb. Despard -

N -	9.4	276.6
cb.	9.9	276.1
1/4	10.0	276.0
c	10.1	275.9
1/4	10.0	276.0
cb.	10.1	275.9
S	9.8	276.2

286.0

W 1/4 Despard

S	10.6	275.4
ch	10.6	275.4
1/4	10.7	275.3
c	10.6	275.4
1/4	10.5	275.5
ch	10.5	275.5
N	10.3	275.7

Cr. Despard.

N	10.4	275.6
ch	10.5	275.5
1/4	10.6	275.4
c	10.7	275.3
1/4	10.7	275.3
ch	10.7	275.3
S	10.8	275.2

386.0

E 1/4 Despard.

S	10.8	275.2
ch	10.7	275.3
1/4	11.1	274.9
c	10.8	275.2
1/4	11.0	275.0
ch	10.5	275.5
N	10.5	275.5

E ch. Despard.

N	10.5	275.5
ch	10.9	275.1
1/4	11.1	274.9
c	11.2	274.8
1/4	11.2	274.8
ch	11.3	274.7
S	11.6	274.4

286.0

E Line Despard.

S			11.6	274.4
ab			11.7	274.3
1/4			11.6	274.4
⊙			11.2	274.8
1/4			11.2	274.8
ab.			11.1	274.9
N			10.9	275.1
T.P.	0.22	275.22	11 00	276.0

25' E of Despard

N.			0.~~4~~	274.8
ab.			0.7	274.5
1/4			0.8	274.4
c			0.9	274.3
1/4			1.1	274.1
ab.			1.4	273.8
S			1.6	273.6

275.22

50' E of Despard-

S			2.0	273.2
ab			1.8	273.4
1/4			1.7	273.5
S			1.3	273.9
1/4			1.1	274.1
~~ab.~~			0.8	274.4
N.			0.5	274.7

75' E of Despard-

N.			2.1	273.1
ab.			2.2	273.0
1/4			2.4	272.8
c			2.6	272.6
1/4			2.9	272.3
ab.			2.8	272.4
S			2.7	272.5

275.22

100' E of Despard

S			4.9	270.3
cb.			6.1	269.1
1/4			6.4	268.8
C			6.1	269.1
1/4			5.9	269.3
ab.			6.0	269.2
N.			6.2	269.0

125' E of Despard.

N.			13.2	262.0
cb.			11.7	263.5
1/4			10.7	264.5
C			9.4	265.8
1/4			9.8	265.4
ab.			8.9	266.3
S			7.4	267.8
T.P.	0.41	268.46	7.17	268.05

268.45

150' E of Despard

S			3.4	265.1
cb.			5.1	263.4
1/4			7.2	261.3
C			10.4	258.1
1/4			9.3	259.2
ab.			13.0	255.5
N.			16.7	251.8

162' E of Despard

N.			18.3	250.2
cb.			18.4	250.1
1/4			14.0	254.5
C			13.3	255.2
1/4			10.1	258.4
ab.			7.5	261.0
S			3.0	265.5
T.P.	4.17	266.73	11.89	256.56

260.73

175' E of Despard.

S	0.0	260.7
cb.	2.3	258.4
1/4	6.1	254.6
C	8.7	252.0
1/4	10.9	249.8
cb	12.6	248.1
N	7.8	252.9

200' E of Despard.

N	1.9	258.8
cb	6.4	254.3
1/4	10.6	250.1
C	13.5	247.2
1/4	11.9	248.8
cb	8.9	251.8
S	5.6	255.1

260.73

325' E of Despard.

S	12.4	248.3
cb	13.7	247.0
1/4	14.9	245.8
C	10.7	250.0
1/4	4.9	255.8
cb.	+0.2	260.9
N	+3.5	264.2

245' E of Despard

N	+0.6	261.3
cb	+3.5	264.2
1/4	0.4	260.3
C	5.7	255.0
1/4	10.9	249.8
cb	15.5	245.2
S	16.9	243.8

260.73

250' E of Despard.

N.			+5.5	266.2
d.			+3.7	264.4
1/4			0 0	260.7
C			4.8	255.9
1/4			9.8	250.9
d.			12.9	247.8
S			16.4	244.3

275' E of Despard.

S			11.2	249.5
d.			12.5	248.2
1/4			12.8	247.9
C			9.7	251.0
1/4			6.4	254.3
T.P.	3.07	257.90	3.90	254.83
d.			+0.8	258.7
N			+1.0	258.9

257.90

290' E of Despard.

N			3.6	254.3
d.			5.5	252.4
1/4			8.0	249.9
C			7.6	250.3
1/4			5.2	252.7
d.			4.1	254.8
S			3.1	254.8

300' E of Despard.

N.			3.2	254.7
d.			7.1	250.8
1/4			5.3	252.6
C			3.2	254.7
1/4			1.7	256.2
d.			0.6	257.3
T.P.	9.72	267.43	0.19	257.71
S			9.5	257.9

267.43

325' E of Despard.

S.			4.2	263.2
cb.			2.9	264.5
1/4			2.6	264.8
c			3.2	264.2
1/4			5.1	262.3
cb.			7.6	259.8
N.			11.2	256.2
TP	11.35	277.06	1.72	265.71

350' E of Despard.

S			10.0	267.1
cb.			9.3	267.8
1/4			8.6	268.5
c			7.9	269.2
1/4			7.4	269.7
cb.			8.6	268.5
N			12.4	264.7

277.06

375' E of Despard.

N.			4.9	272.2
cb			4.3	272.8
1/4			4.6	272.5
c			5.0	272.1
1/4			5.4	271.7
cb			5.8	271.3
S			6.3	270.5

400' E of Despard.

S			4.6	272.5
cb			4.4	272.7
1/4			4.1	273.0
c			3.6	273.5
1/4			3.4	273.7
cb.			3.3	273.8
N.			3.0	274.1

		277.0 C		
T.R	7.51	281.85	272	274.34

425' E of Despard.

N	6.7	275.2
cb	7.0	274.9
1/a	7.5	274.4
C	7.7	274.2
1/a	7.5	274.4
cb	7.5	274.4
S	8.4	273.5

450' E of Despard.

S	7.9	274.0
cb.	7.5	274.5
1/a	7.3	274.6
C	7.1	274.8
1/a	6.9	275.0
cb	6.4	275.5
N.	5.7	276.2

281.85

475' E of Despard.

N	5.7	276.2
cb	5.8	276.1
1/a	6.1	275.8
C	6.3	275.6
1/a	6.5	275.4
cb	6.8	275.1
S	7.0	274.9

500' E of Despard.

S	6.6	275.3
cb.	6.2	275.7
1/a	6.0	275.9
C	5.7	276.2
1/a	5.3	276.6
cb.	5.4	276.5
N	4.9	277.0

281.85

525' E of Despard

N	4.3	277.6
cb	4.8	277.1
1/4	5.2	276.7
c	5.2	276.7
1/4	5.4	276.5
cb	5.5	276.4
S	5.9	276.0

550 E of Despard.

S	5.3	276.6
cb	4.9	277.0
1/4	4.9	277.0
c	4.9	277.0
1/4	4.6	277.3
cb	4.3	277.6
N	4.1	277.8

281.85

575 E of Despard.

N	3.7	278.2
cb	3.9	278.0
1/4	4.4	277.5
c	4.4	277.5
1/4	4.6	277.3
cb	4.8	277.1
S	4.9	277.0

597' E of Despard = W. line of storey

S	4.7	277.2
cb	4.9	277.5
1/4	4.2	277.7
c	3.9	278.0
1/4	3.7	278.2
cb	3.5	278.4
N	3.21	278.64 Hub

281.85

W Cb. Storey.

N	3.3	278.6
cb	3.4	278.5
1/4	3.6	278.3
c	3.6	278.3
1/4	4.1	277.8
cb	4.3	277.6
S	4.6	277.3

W 1/4 Storey

S	4.2	277.7
cb	4.0	277.9
1/4	3.9	278.0
c	3.6	278.3
1/4	3.2	278.7
cb	3.2	278.7
N	2.9	279.0

281.85

Cr. Storey

N	2.6	279.3
cb	3.0	278.9
1/4	3.2	278.7
c	3.5	278.4
1/4	3.7	278.2
cb	3.8	278.1
S	4.0	277.9

E 1/4 Storey

S	3.9	278.0
cb	3.6	278.3
1/4	3.4	278.5
c	3.1	278.8
1/4	3.0	278.9
cb	2.7	279.2
N	2.2	279.7

		281.85			
	E Cb Storey				
N			2.3	279.6	
cb			2.7	279.2	
1/4			2.9	279.0	
c			3.0	278.9	
1/4			3.4	278.5	
cb			3.5	278.4	
S			3.8	278.1	
	E Line Storey				
S			3.5	278.4	
cb			3.3	278.6	
1/4			3.0	278.9	
c			3.0	278.9	
1/4			2.8	279.1	
cb			2.5	279.4	
N			2.26	279.59	Hub

2/1/06. {Hatch, Brooks, Moore}

	8.53	287.17		278.64	{NW Hub Storey}
	25' E of Storey				
N			7.3	279.9	
cb			7.6	279.6	
1/4			7.6	279.6	
c			7.9	279.3	
1/4			7.9	279.3	
cb			7.7	279.5	
S			7.8	279.4	
	50' E of Storey				
S			8.0	279.2	
cb			7.6	279.6	
1/4			7.5	279.7	
c			7.2	280.0	
1/4			7.1	280.1	
cb			6.7	280.5	
N			6.7	280.5	

287.17

75' E of Storey

N	6.3	280.9
db.	6.5	280.7
1/4	6.8	280.4
d	6.8	280.4
1/4	7.0	280.2
db.	7.4	279.8
S	7.5	279.7

100' E of Storey

S	7.2	280.0
db.	6.6	280.6
1/4	6.4	280.8
d	6.4	280.8
1/4	6.3	280.9
db	6.1	281.1
N	6.0	281.2

287.17

125' E of Storey

N.	5.6	281.6
db.	5.8	281.4
1/4	6.0	281.2
d	6.3	280.9
1/4	6.4	280.8
db.	6.6	280.6
S	6.8	280.4

150' E of Storey

S	6.5	280.7
db	6.4	280.8
1/4	6.1	281.1
d	5.9	281.3
1/4	5.6	281.6
db.	5.4	281.8
N	5.4	281.8

28717

175' E of Storey

N	5.0	282.2
d.	5.3	281.9
1/4	5.6	281.6
C	5.7	281.5
1/4	5.9	281.3
d.	6.0	281.2
S	6.3	280.9

200' E of Storey

S	5.9	281.3
d.	5.9	281.3
1/4	5.7	281.5
C	5.2	282.0
1/4	4.9	282.3
d.	5.0	282.2
N	5.0	282.2

28717

225' E of Storey

N	4.6	282.6
d.	4.8	282.4
1/4	4.9	282.3
C	5.1	282.1
1/4	5.3	281.9
d.	5.6	281.6
S	5.7	281.5

250' E of Storey

S	5.6	281.6
d.	5.3	281.9
1/4	5.0	282.2
C	4.9	282.3
1/4	4.6	282.6
d.	4.7	282.5
N	4.6	282.6

287.17

275'

N	4.3	282.9
db	4.6	282.6
1/4	4.5	282.7
c	4.7	282.5
1/4	5.0	282.2
db	5.1	282.1
S	5.1	282.1

300'

S	4.7	282.5
db	4.9	282.3
1/4	4.8	282.4
c	4.8	282.4
1/4	4.7	282.5
db	4.5	282.7
N	4.4	282.8

287.17

325

N	4.7	282.5
db	4.5	282.7
1/4	4.7	282.5
c	4.8	282.4
1/4	4.7	282.5
db	4.9	282.3
S	4.9	282.3

350

S	5.0	282.2
db	4.9	282.3
1/4	4.8	282.4
c	4.6	282.6
1/4	4.6	282.6
db	4.6	282.6
N	4.7	282.5

28717

375

N	4.6	282.6
ob	4.6	282.6
1/4	4.8	282.4
c	4.9	282.3
1/4	5.0	282.2
ob	4.9	282.3
S	5.0	282.2

400

S	5.3	281.9
ob	5.1	282.1
1/4	5.2	282.0
c	5.1	282.1
1/4	5.1	282.1
ob	5.1	282.1
N	4.9	282.3

28717

425

N	5.2	282.0
ob	5.2	282.0
1/4	5.2	282.0
c	5.1	282.1
1/4	5.3	281.9
ob	5.4	281.8
S	5.6	281.6

450

S	5.8	281.4
ob	5.3	281.9
1/4	4.6	282.6
c	5.2	282.0
1/4	5.4	281.8
ob	4.8	282.4
N	4.3	282.9

287.17

4 7 5

N	5.3	281.9
ab.	5.6	281.6
1/4	5.8	281.4
a	5.9	281.3
1/4	5.6	281.6
ab.	5.8	281.4
S	5.5	281.7
S-O-O		
S	5.6	281.6
ab.	6.0	281.2
1/4	5.7	281.5
c	5.1	282.1
1/4	4.6	282.6
ab.	4.9	282.3
N.	5.2	282.0

287.17

5 2 5

N	5.4	281.8
ab.	5.3	281.9
1/4	5.3	281.9
c	5.6	281.6
1/4	5.7	281.5
ab.	5.5	281.7
S	5.6	281.6
S-S-O		
S	5.4	281.8
ab	5.3	281.9
1/4	5.3	281.9
c	5.4	281.8
1/4	5.4	281.8
ab.	5.4	281.8
N.	5.2	282.0

POSTED

287.17

5-7/5-

N	5.0		282.2
cb.	5.0		282.2
1/4	5.2		282.0
c	5.2		282.0
1/4	5.2		282.0
cb.	5.2		282.0
S	5.1		282.1
600' E of Storey = W. Line 32			
S	4.96	282.21	Hub
cb	5.0		282.2
1/4	5.1		282.1
c	5.1		282.1
1/4	5.0		282.2
cb.	5.0		282.2
N	5.17	2820	Hub

11/30/26
Moore

Cross Section of Wildwood Road = 60' wide, 10' cbs, 10' 1/4s
At Redonda St = 46' wide, 5' s/w, 9' 1/4s

NEBP	12.68	182.86		170.18	Chatsworth Wildwood
TP	12.58	195.44	0.0	182.86	
TP	12.63	208.07	0.0	195.44	
TP	12.99	221.06	0.0	208.07	
TP	12.88	233.94	0.0	221.06	
TP	12.4	223.13	12.05	221.89	
TP	0.20	210.17	13.16	209.97	

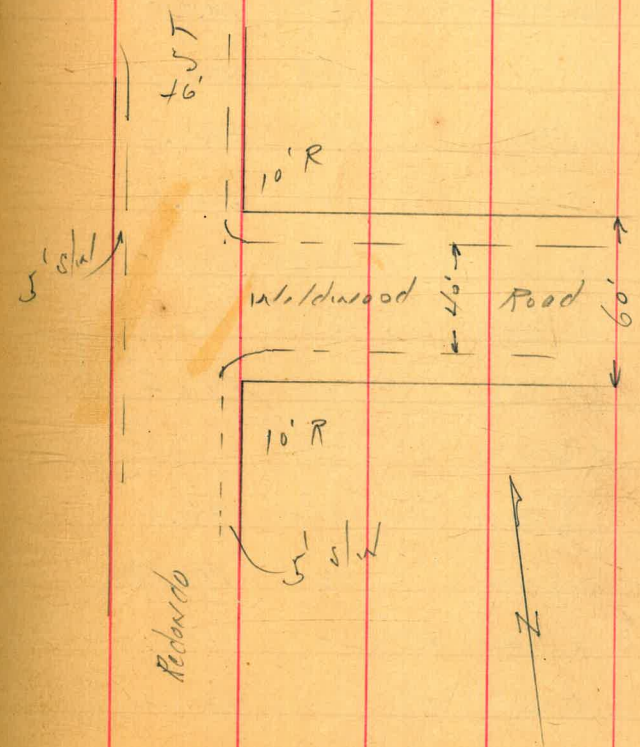
75' E of Redondo = 0+00

S			7.8	202.4
cb	top cem.		7.92	202.3
gut	" "		8.98	201.19
1/s			8.2	202.2
c			7.5	202.7
1/4			7.2	203.0
gut	" "		7.45	202.72
cb	" "		6.45	203.72

210.17

N

6.1



2101.7

0+75

N			8.5	201.7
cb	top conc		8.90	201.3
gut	" "		9.N	200.7N
1/4			9.8	200.4
C			10.1	200.1
1/4			10.9	199.3
gut	" "		11.8N	198.3S
cb	" "		10.8L	199.33
S			10.8	199.4

0+50

S			14.N	196.0
cb	top conc		13.18	196.99
gut	" "		14.1	196.0
1/4			13.N	197.0
C			12.5	197.7
1/4			12.0	198.4

2101.7 W/ Elmwood

gut	top conc		12.1	198.1
cb	" "		11.10	199.1
N			10.7	199.5
TP	1.8N	199.19	12.80	197.37

0+75 = EL Redondo

N			1.9	197.3
cb			2.3	196.9
1/4			2.8	196.4
C			3.5	195.7
1/4			4.N	195.0
cb			4.6	194.6
S			5.4	193.8

E cb

S			5.3	193.9
cb			5.0	194.N
1/4			4.4	194.8
C			3.5	195.4

1919

1/4		3.3	195.9
cb		2.6	196.6
N		2.6	196.6
	E 1/4		
N		3.3	195.9
cb		3.5	195.7
1/4		3.N	195.8
c		4.6	194.6
1/4		5.N	194.0
cb		5.6	193.6
S		6.N	193.0
	1/4 + 6		
S		8.5	190.7
cb		8.1	191.1
1/4		7.7	191.5
c		7.N	194.0
1/4		6.7	194.5

1919 Wildwood

65

cb		6.6	194.6
N		6.6	194.6
	E		
N		6.7	194.5
cb		6.8	194.4
1/4		6.9	194.3
c		7.2	191.9
1/4		7.8	191.4
cb		8.1	191.0
S		8.6	190.6
	W 1/4		
S		9.N	190.0
cb		8.8	190.4
1/4		8.5	190.7
c		8.1	191.1
1/4		7.5	191.4
cb		7.7	191.5

1999

Wildwood

^/		7.4	191.8
	w/gutter		
^/		8.7	190.5
cb		8.7	190.5
1/4		9.0	190.2
c		9.3	189.9
1/4		9.4	189.8
cb		9.9	189.3
S		10.3	188.9
	w/cb		
S	top cb	9.58	189.61
E	" "	8.69	190.50
^/	" "	8.13	191.06

3101.7
12.80
197.37
1.82
199.19
12.68
186.51
0.05
186.56
12.85
173.71
0.19
173.90
9.99
163.91

OK.

EE.	Degrees.
ep.	
.31	89
.05	88
.80	87
.54	86
.28	85
.02	84
.75	83
.49	82
.21	81
.93	80
.65	79
.36	78
.07	77
.77	76
.46	75
.14	74
.82	73
.49	72
.14	71
.79	70
.43	69
.06	68
.67	67
.27	66
.87	65
.44	64
.01	63
.56	62
.10	61
.62	60
.13	59
.62	58
.10	57
.56	56
.00	55
.42	54
.83	53
.22	52
.59	51
.94	50
.28	49
.59	48
.88	47
.15	46
.40	45
Lat.	Degrees.
REE.	

Materials,

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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28 40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60 53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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