Level Notes.

South Park Addition.

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142

F.B. 142

142

Table showing the [142] *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

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OCT 7 1964

TABLE FOR RUNNING ON SLOPES.

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

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

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Book no. 142.

date.

name.

Sta	BS	HI	FS	Elev	BM
					191.46
	8.81	200.27			
TP			667	193.60	
	1.99	195.59			
TP			10.72	184.87	
	13.7	186.24			
			488	181.36	181.36
TP			639	179.85	
	4.48	184.33			
TP			1.97	182.36	
	11.03^5	193.39^5			
TP			0.99	192.40^5	
	10.74	203.14^5			
TP			2.50	200.64^5	
	5.45	206.09^5			
TP			153	204.56^5	
	9.73	214.29^5			
TP			800	206.29^5	
	5.28	211.57^5			
TP			0.86	210.71^5	
	10.46^5	221.18			
TP			11.77^5	209.40^5	

Spike in Elec Light mast Srv Cor 25th & C.

Cement Post Nrv Cor 24th & C (check) none on SE Cor

Top Hydrant NE Cor 25 and B

Copy of Field Notes of
Survey made for the
Bartlett Estate Company
by V. T. Rowan
in March & April 1904.

Profile of A Street

28th St. to 31st St.

Sta	BS	HI	FS	Elev	B.M.
T.P.				209.40	
	2.46	211.86			
TP			6.12	205.74	
	10.56	216.30			
TP			1.16	215.14	
	8.13	223.27			
			3.90	219.37	Blk Stake S.E. Cor Amherst + Park St (BM)
			5.25	218.02	" " " " Dartmouth + Park St. (BM)
TP			9.70	213.56	" " N.E. Harvard + Park St (BM)
	5.72	219.28			
			7.94	211.34	Granite Stone S.E. Cor Park (BM)
0 M			10.40	208.88	N.E Cor. 28th St.
0+50 N			9.20	210.08	
1+00 N			10.30	208.98	
1+50 N			10.50	208.78	
0.5			11.70	207.58	S.E. Cor. 28th St.

Profile A Street Cor

Sta.	B.S.	H.I.	FS	Elev	BM
0+50 S			11.10	208.18	
1+00 S			11.70	207.58	
1+50 S			12.30	206.98	
T.P.			10.50	208.78	
	142	210.20			
2+00 S			310	207.10	
2+50 S			410	206.10	
3+00 S			5.20	205.00	
		210.20			
3+50 S			8.20	202.00	
2+00 N			2.00	208.20	
2+50 N			2.70	207.50	
3+00 N			4.00	206.20	
			5.40	204.80	Hard pan Sta 3
3+50 N			7.80	202.40	
			7.30	202.90	Spike in post NE Cor. 29th & A Street BM
T.P.			11.91	198.29	

Profile of A Street Con

Sta	BS	H.S.	FS	Elev	BM
	0.97	199.26			
4+00 N			5.60	193.66	
4+10 N			8.90	190.36	Edge of steep Arroya
4+00 S			6.30	192.96	
T.P			11.52	187.74	
	0.00	187.74			
4+50 S			12.10	175.64	
4+70 S			17.30	170.44	Bottom of Arroya Course South
5+00 S			13.70	174.04	
5+20 S			6.00	181.74	Top Bench
5+50 S			7.10	180.64	
5+60 S			6.30	181.44	S.W. Cor 29th & A
6+20 S			4.20	183.54	S.E. " " " "
			2.50	185.24	Cropping of sandstone Sta 6+30
6+50 S			6.30	181.44	Bottom Arroya Course S.W.
7+00 S			2.50	185.24	
		187.74			

19829
745
20574

Profile of A Street Continued

Sta	BS	HI	FS	Elev	BM	
4+50 N			15.10	172.64		Bottom of Arroya Course South
5+00 N			2.80	184.94		Very rocky and croppings of sandstone 195.25
T.P.			0.54	187.20		
	10.87	198.07				
5+50 N			1.90	196.17		
T.P. 5+60 N			0.24	197.83		N.W. Cor 29th & A
	7.95	205.78				7.95
			8.40	197.38		Hole to hard pan 8.40
6+20 N			3.10	202.68		N.E. Cor 29th 3.10
			4.00	201.78		Hole to hard pan 4.00
			2.82	202.96	202.90	check N E Cor 29th (BM) Spike in post
			10.40	195.38		South of 6+20 N 40'
6+50 N			2.80	202.98		
			11.00	194.78		40' South
7+00 N			4.20	201.58		
			10.50	195.28		35' South

Profile of A Street Continued

Sta.	B.S.	H.I.	F.S.	Elev	Rem
7+50 N			2.60	203.18	
			6.00	199.78	25' South
8+00 N			0.20	205.58	
T.P.			11.46	194.32	
	3.26	197.58			
		197.58			
			15.20	182.38	10' North of Sta 7+00 S Bottom Arroya Course S.W.
7+50 S			2.70	194.88	
			11.80	185.78	30' North of Sta 7+50 S Bottom Arroya
			10.10	187.18	40' North of Sta 8+00 S Bottom Arroya
T.P.			1.27	196.31	
	10.95	207.26			
8+00 S			4.00	203.26	
			4.60	202.66	10' South of Sta 8 North Edge of steep bank
8+50 N			6.70	200.56	Top sandstone croppings
			12.50	194.76	10' South of Sta 8+50 North bottom Arroya

Profile of A Street Continued

Sta	B.S.	H I	F S	Elev	B.M.	
8+75 N			13.50	193.76		Crosses Arroyo (bottom)
9+00 N			4.30	202.96		
			4.27	202.99	202.90.5	Spik in post
	11.43	214.33.5				
9+50 N			0.60	213.73		
8+50 S			4.70	209.63		
T P			0.60	213.73.5		
	11.85	225.58.5				
9+00 S			9.50	216.08		
9+50 S			6.50	219.08		
10 S.			4.40	221.18		
10+50 S.			2.60	222.98		
10+00 N			6.40	219.18		
		225.58.5				
10+50 N			3.30	222.28		
11+00 N			1.50	224.08		

Profile of H Street Continued

Sta	BS	HI	FS	Elev	BM
T.P			1.54	224.04	
	9.00	233.04			
11+50 N			8.10	224.94	
12+00 N			6.90	226.14	
12+20 N			6.30	226.74	N.W. Cor 30th Street.
12+80 N			5.00	228.04	N.E. Cor 30th Street
13+00 N			4.90	228.14	
13+50 N.			5.10	227.94	
14+00 N			4.00	229.04	
14+50 N			3.50	229.54	
15+00 N.			3.70	229.34	
			4.40	228.64	Hole to hand pan
15+50 N			4.80	228.24	
16+00 N			10.90	222.14	
11+00 S			8.80	224.24	
11+50 S			8.10	224.94	

Profile of A Street Continued

Sta	BS	HI	FS.	Elev	BM
12+00 S			7.50	225.54	
12+20 S			7.00	226.04	S.W. Cor 30th Street
12+80 S			6.50	226.54	S.E. Cor 30 Street
13+00 S			6.00	227.04	
		233.04			
13+50 S			5.60	227.44	
14+00 S			5.10	227.94	
14+50 S			4.90	228.14	
15+00 S			5.20	227.84	
15+50 S			5.70	227.34	
TP			10.95	222.09	
			3.89	229.15	Top Blk. Stake N.E Cor. Fern's south line prop (Bm)
	3.69	225.78			
16 S			4.80	220.98	
16+50 S			13.30	212.48	
16+65 S			16.80	208.98	bottom of draw

Profile of A Street Continued

Sta	BS	H.I.	FS	Elev	B.M.
17+00 S			14.40	211.38	
17+50 S			10.50	215.28	
18+00 S			8.80	216.98	
18+50 S			4.40	221.38	
18+80 S			2.40	223.38	
16+50 N			12.50	213.38	
16+60 N			14.10	211.68	
17+00 N			9.30	216.48	
17+50			5.90	219.88	
18+00			4.00	221.78	
18+50			2.70	223.08	
18+80			1.80	223.98	
		225.78			
			6.42	225.36	
			8.53	217.25	

S.W. Cor 31st St.

bottom of drain

N.W. Cor 31st Street

(B.M.) Blk stake N.W. Cor Hyde & S. line Trad

(B.M.) Blk stake N.E. Cor Grove & S. line Trad

Profile of Harvard Street

Sta	BS	HI	FS	Elev	Bm
					213.56
	3.05	216.61			
0+00 46 N			3.05	213.56	
0+50 N			1.70	214.91	
1+00 N			2.00	214.61	
1+50 N			2.90	213.17	
2+00 50 N			3.60	213.01	
0+00 S			3.60	213.01	
0+50 S			2.60	214.01	
1+00 S			2.70	213.91	
1+50 S			3.50	213.21	
2+00 96 S			3.80	212.81	
2+80 96 S			6.58	210.13	
2+80 50 N			6.80	209.81	
3+00 N			7.80	208.81	
3+50 N.			11.60	205.01	

Park to Hyde

Blk stake N.E Cor Harvard & Park Street

N.E. Cor Park

N.W. Cor Bean

SE Cor Park Ave.

SW Cor Bean

Blk stake S.E. Cor Harvard & Bean (Bm)

NE Cor Harvard & Bean

Profile of Harvard Street Continued

Sta	BS	HI	FS	Elev	BM
3+00 S			7.20	209.41	
3+50 S			10.50	206.11	
T.P			11.53	205.08	
	0.26	205.34			
4+00 S			7.20	198.14	
			1.45	203.89	SE Cor 29th & Cliff St. Blk Stake (BM)
4+00 N			5.90	199.44	
		205.34			
T.P.			11.15	194.19	
	2.00	196.19			
4+50 N			11.70	184.49	
4+55 N			13.00	183.19	Bottom Arroya
4+81 N			7.33	188.86	N.W. Howard & Cliff
5+10 N			6.90	189.29	Bottom Arroya Course West
4+50 S			12.50	183.69	
4+60 S			15.00	181.19	Bottom Arroya Course South

Profile of Harvard Street

Sta.	B.S	HI	FS	Elev	BM
4+81.46 S			6.20	189.99	
T.P.			2.18	194.01	
	11.85	205.86			
5+00 S			8.80	197.06	
			10.90	194.96	
5+6.46 S			1.98	203.88	
5+40 N			4.60	201.26	
			8.00	197.86	
			11.98	193.88	
			7.30	198.56	
5+61 N			2.70	203.16	
			6.20	199.66	
			10.30	195.56	
			5.90	199.96	
		205.86			
6+00 N			1.70	204.16	

Continued

S.W. Cor Cliff + Howard

Break of Steep incline

60' North of Sta. 5 Edge of Arroya

S.E. Cor 29th + Howard BM

Top of Bank

20' South of 5+40 N

25' South of 5+40 N Bottom Arroya

30' South of 5+40 N. Bottom Arroya

N.E. Cor 29th + Howard

20' S 5+61 N Edge small Arroya

25' S 5+61 N Bottom

30' S 5+61 N Top

Profile of Harvard St Continued

Sta	BS	HI	FS	Elev	BM	
			1.98	203.88	203.89	Check on Block Stake S.E. Cor Cliff
	11.91	215.80				
6+50 N			9.20	206.60		
7+00 N			6.40	209.40		
7+50 N			3.00	212.80		
7+61.50 N			2.00	213.80		N.W. Cor Dale & Harvard
6+00 S			9.60	206.20		
6+50 S			7.80	208.00		
7+00 S			6.00	209.80		
7+50 S			3.50	212.30		
7+61.96 S			2.80	213.00		S.W. Cor Dale & Harvard
T.P.			1.66	214.14		
	11.95	226.09				
8+41.96 S			8.40	217.69		S.E. Cor Dale & Harvard
			9.60	216.49		Hole to Hard pan
8+50 S			7.90	218.19		

Profile Harvard St

Continued

Sta	BS	HI	FS	Elev	BM
9+00 S			4.70	221.39	
9+50 S			2.70	223.39	
8+41.50 N			6.30	219.79	Jr.E. Cor Dale & Harvard
8+50 N			6.00	220.09	
4 9+00 N			3.60	222.49	
9+50 N			2.00	224.09	
4		226.09			
TP			1.20	224.89	
	9.47	234.36			
10+00 N			9.10	225.26	
4 10+42 N			7.40	226.96	Jr W Cor Ella or 30 & Harvard
4 11+22 N			4.70	229.66	Jr E Cor Ella or 30 & Harvard
4			5.90	228.46	Hole to Hard pan (Adobe)
5 11+50 N			4.40	229.96	
4 12+00 N			2.80	231.56	
4 10+00 S			9.60	224.76	

Profile of Harvard Street Continued

Sta	BS	HI	FS	Elev	BM	
10+42.46 S			8.10	226.26		S.W. Cor Ella or 30 & Harvard
11+41.72 S			5.50	228.86		S.E Cor Ella or 30 & Harvard
11+50 S			4.80	229.56		
12+00 S			3.50	230.86		
TP			2.29^{5}	232.06^{5}		
	7.86^{5}	239.93				
12+50 S			8.00	231.93		
13+00 S			7.10	232.83		
13+22.96 S			6.70	233.23		SW Cor Fern & Harvard
14+02.96 S			5.40	234.53		SE " " " "
14+50 S			4.50	235.43		
15+00 S			4.70	235.23		
15+50 S			5.00	234.93		
16+00 S			8.40	231.53		
		239.93				
16+03.46 S			8.40	231.53		SW Cor Grove & Howard

Harvard Street Continued

Sta	BS	HI	FS	Elev	BM
12+50 N			7.00	232.93	
13+00 N			5.70	234.23	
13+22.50 N			5.20	234.73	N.W Cor Fern or 30th & Harvard
14+02.50 N			4.00	235.93	N.E Cor Fern or 30th & Harvard BM
			5.40	234.53	Hole Bottom Adobe
14+50 N			3.90	236.03	
15+00 N			3.70	236.23	
15+50 N			4.00	235.93	
			4.70	235.23	Hole to Hard pan
16+03 N			5.80	234.13	N.W. Cor Grove & Harvard
TP			5.81	234.12	Blk Stake N.W Cor Grove & Harvard (BM)
	3.17^{5}	237.29^{5}			
16+83 N			6.70	230.59	N E Cor Grove
17+00 N			6.90	230.39	
17+50 N			6.20	231.09	
18+00 N			5.20	232.09	
18+50 N			2.90	234.39	

Profile Harvard Street

Sta	BS	HI	FS	Elev	BM
18+83.50N			1.21	235.98	
16+83.46S			8.30	228.99	
17+00S			8.50	228.79	
17+50S			7.50	229.79	
18+00S			6.20	231.09	
18+83.96S			1.30	235.99	
		237.29			
			11.92	225.37	225.36

Continued

N.W. Cor Hyde BM

S.E. Cor Grove

SE Cor Hyde

check

Blk stake N.W. Cor. Harvard & Hyde (Bm)

Profile Levels on Dartmouth Street Hyde to Park

Sta	B.S	H I	F S	Elev	
				235.98	Blk Stake N.W. Cor Hyde & Harvard
	5.52	241.50			
18+83.96 S			8.86	232.64	SW Cor Hyde & Dartmouth (Bm)
18+50 S			7.70	233.80	
18+00 S			6.00	235.50	
17+50 S			4.70	236.80	
17+00 S			3.40	238.10	
18+83.50 N			10.73	230.77	NW Cor Hyde & Dartmouth
18+50 N			8.20	233.30	
18+00 N			6.20	235.30	
17.50 N			5.30	236.20	
			5.20	236.30	Hole 17+20 N to Hard pan
17+00 N			4.90	236.60	
T P			3.95	237.55	
	2.52	240.08			
16+83 N			4.10	235.98	NE Cor Grave Soil Very Rock

Dartmouth Street Continued

Sta	BS	HI	FS	Elev	Rm	
16+03 N			10.10	229.98	229.98	NW Cor Grove on Blk stake (Bm)
15+50 N			9.90	230.18		
15+00 N			5.90	234.18		
14+50 N			5.80	234.28		
14+02.50 N			6.20	233.88		NE Cor Ferm
13+22.50 N			8.02	232.06		NW Cor Ferm (Bm) Blk Stake
16+83.46 S			2.40	237.68		SE Cor Grove
16+03.46 S			8.00	232.08		SW Cor. Grove
		240.08				
			9.60	230.48		Hole 15+60 bottom
			8.30	231.78		Hole 15+60 Top
15+50 S			7.80	232.28		
15+00 S			4.90	235.18		
14+50 S			5.10	234.98		
14+02.96 S			5.70	234.38		S.E. Cor Ferm St
			7.30	232.78		Hole to Hard pan

Dartmouth Street Continued

Sta	BS	HI	FS	Elev	BM
13+22.96 S			7.35	232.73	SW Cor Fern St
TP			8.02	232.06	
	2.49	234.55			
13+00 S			2.40	232.15	
12+50 S			3.60	230.95	
12+00 S			5.70	228.85	
11+50 S			8.50	226.05	
11+22.46 S			9.70	224.85	SE Cor Ella Street
10+42.46 S			11.27	223.28	SW Cor Ella Street Blk stake (BM)
13+00 N			3.10	231.45	
12+50 N			4.70	229.85	
12+00 N			7.30	227.25	
11+50 N			10.50	224.05	
11+22 N			11.60	222.95	NE Cor Ella
10+42 N			14.10	220.45	NW Cor Ella
		234.55			

Dartmouth Street Continued

Sta	BS	HI	FS	Elev	Bm
TP			11.27	223.28	
	0.77	224.05			
10+00 N			4.80	219.25	
9+50 N			6.20	217.85	
9+00 N			7.40	216.65	
8+50 N			7.70	216.35	
8+41.50 N			7.70	216.35	NE Cor Dale
7+61.50 N			9.07	214.98	NW Cor Dale (B.M) Blk Stake
7+50 N			9.80	214.25	
7+00 N			12.60	211.45	
10+00 S			2.00	222.05	
9+50 S			5.00	219.05	
9+00 S			5.90	218.15	
8+50 S			6.00	218.05	
8+41.96 S			6.40	217.65	SE Cor Dale & Dartmouth
			8.10	215.95	Hole to Hard pan

Dartmouth Street Continued

Sta	BS	HI	FS	Elev	BM
7+61.96S			8.30	215.75	SW Cor Dale
7+50S			8.50	215.55	
7+00S			11.60	212.45	
T.P			11.25	212.80	
	0.40	213.20			
6+50S			3.70	209.50	
6+00S			6.10	207.10	
		213.20			
5+61.46S			6.70	206.50	S.E Cor 29½
4+81.46S			8.96	204.24	SW Cor 29½ Blk stake (BM)
4+50S			12.20	201.00	
4+00S			18.00	195.20	Bottom Draw Course South
3+50S			9.00	204.20	
6+50N			2.60	210.60	
6+00N			3.80	209.40	
5+61.N			5.70	207.50	N.E. Cor 29½

Dartmouth Street Continued

Sta	BS	HI	TS	Elev	BM	
			7.20	206.00		Hole to Hard pan
4+81 N			10.10	203.10		NW Cor 29th
4+50 N			12.70	200.50		
4+10 N			16.00	197.20		Bottom of Arroya Course South
4+00 N			15.50	197.70		
3+50 N			9.00	204.20		
TP			11.38	201.82^{5}		
	1185	213.67^{5}				
3+00 N			7.50	206.17		
2+80.50 N			6.40	207.27		NE Cor Bean
3+00 S			6.10	207.57		
2+80.96 S			5.06	208.61		SE Cor Bean Bik stake (BM)
2+00.96 S			2.90	210.77		
			3.80	209.87		Hole to Hard pan
		213.67				
TP			1.57^{5}	212.09^{5}		

Dartmouth Street Continued

Sta	BS	HI	FS	Elev	B.M
	7.77	219.86^{5}			
1+50 S			8.40	211.46	
1+00 S			7.00	212.86	
0+50 S			3.50	216.36	
0+00.46 S			1.77	218.09^{5}	218.02
2+00.50 N			9.30	210.56	
1+50 N			7.90	211.96	
1+00 N			6.80	213.06	
0+50 N			3.60	216.26	
0+00 N			1.15	218.71^{5}	
			3.00	216.86	

- SE Cor Park St. & Dartmouth CBM
N.W. Cor Bean

- NE Cor Park St. & Dartmouth Blk stake
Hole to Hard pan

Profile of Amherst St

Sta	BS	HI	FS	Elev	B.M.
					219.37
	2.67 r	222.04 r			
0+00.46 S			2.67 r	219.37	
0+50 S			5.10	216.94	
1+00 S			6.00	216.04	
1+50 S			7.20	214.84	
2+00.96 S			8.50	213.54	
			9.70	212.34	
2+80.96 S			9.20	212.84	
3+00 S			9.40	212.64	
3+50 S			10.00	212.04	
			1.70	220.34	
			3.50	218.54	
0+00 N			2.50	219.54	
0+50 N			3.50	218.54	
1+00 N			4.70	217.34	

Park to Hyde

Blk Stak S.E. Cor Amherst & Park

S.E. Cor Park & Amherst

S.W. Cor Bean

Hole to Hard pan

S.E. Cor Bean

Cente Amherst at Park Top Hole

" " " " Bottom hard pan

N.E Cor Park

Profile of Amherst Street Continued

Sta	BS	HI	FS	Elev	Bm
1+50 N			5.60	216.44	
2+00.50 N			5.71	216.33	NW Cor Bean Top Blk stake (Bm)
2+80.50 N			7.40	214.64	NE Cor Bean
3+00 N			7.80	214.24	
3+50 N.			8.00	214.04	
TP			7.90	214.14^{5}	
	9.58	223.72^{5}			
		223.72^{5}			
4+00 N			9.10	214.62	
4+50 N			8.60	215.12	
4+81.50 N			7.90	215.82	NW. Cor 29th
5+61.50 N			3.18	220.54	NE Cor 29th Block stake (Bm)
6+00 N			2.60	221.12	
6+50 N			3.00	220.72	
7+00 N			3.80	219.92	
7+50 N			5.50	218.22	

Profile of Amherst street Continued

Sta	BS	HI	FS	Elev	BM
7+61.50 N			5.70	218.02	NW Cor Dale & Amherst (BM)
4+00 S			12.00	211.72	
4+50 S			11.90	211.82	
4+81.46 S			11.50	212.22	S.W. Cor. 2nd Street
5+61.46 S			9.60	214.12	S.E. Cor 2nd Street
6+00 S			8.40	215.32	
6+50 S			8.80	214.92	
7+00 S			8.60	215.12	
T.P			5.70	218.02	
	8.41	226.43			
7+61.96 S			14.00	212.43	S.W. Cor Dale
8+41.96 S			8.40	218.03	S.E. Cor Dale
			9.30	217.13	Hole to hard pan
8+50 S			8.10	218.33	
		226.43			
9+00 S			6.00	220.43	

Profile of Amherst Street

Sta	BS	HI	FS	Elev	BM
9+50 S			4.50	221.93	
10+00 S			3.70	222.73	
10+42.46 S			3.05	223.38	
8+41.50 N			8.93	217.50	
9+00 N			6.80	219.63	
9+50 N			5.60	220.83	
10+00 N			5.00	221.43	
10+42 N			4.10	222.33	
11+22 N			3.18	223.25	
			4.10	222.33	
11+50 N			2.80	223.63	
12+00 N			2.10	224.33	
12+50 N			1.80	225.13	
13+00 N			0.60	226.83	
TP			0.95	225.47	
	7.70	233.17			

Continued

SW Cor Ella & Amherst St.

NE Cor Dale & Amherst St.

N.W Cor Ella

NE Cor Ella & Amherst (BM)

Hole to hard pan

Profile of Amherst Street Continued

Sta	BS	HI	FS	Elev.	Bm
13+22.50 N			7.00	226.17	NW Cor Fern
14+02.50 N			6.13	227.05	NE Cor Fern (B m)
14+50 N			5.90	227.27	
15+00 N			6.90	226.27	
15+50 N			8.50	224.67	
		233.17			
16+03 N			10.60	222.57	NW Cor Grove
16+83 N			6.05	227.12	NE Cor Grove (B.m)
17+00 N			5.10	228.07	
17+50 N			3.90	229.27	
18+00 N			5.10	228.07	
11+22.46 S			8.60	224.57	SE Cor Ella
11+50 S			8.20	224.97	
12+00 S			7.60	225.57	
12+50 S			6.90	226.27	
13+00 S			6.10	227.07	

Profile of Amherst Street Continued.

Sta	BS	HI	FS	Elev	Bm
13+22.96S			5.80	227.37	S.W. Cor Pern
14+02.96S			4.50	228.67	SE Cor Pern
14+50S			4.30	228.87	
15+00S			5.10	228.07	
15+50S			7.90	225.27	
16+03.46S			8.25	224.92	S.W. Cor Grove
16+83.46S			5.13	228.04	SE Cor Grove (BM)
TP			5.13	228.04	
	5.60	233.64			
17+00S			4.80	228.84	
17+50S			2.60	231.04	
18+00S			3.00	230.64	
		233.64			
18+50S			5.30	228.34	
18+83.96S			11.20	222.44	S.W. Cor Hyde St. down to dupp cañon
18+50 BV			12.20	221.44	

Profile of Amherst Street

Sta	BS	HI	FS	Elev	BM
18+83.50 K			20.00	213.6 V	
T.P.			5.60	228.0 V	
	9.7 V	237.78			
			6.88	230.89	

Continued

N.W Cor Wyde St Down to dupp cañon

Check on N W Cor Dartmouth & Grove

Profile of Hyde Street Dartmouth to H Street

Sta	BS.	HI	TS	Elev	BM
					232.65 Bix stake SW cor. Dartmouth & Hyde
	9.01	241.65			
7+60.63 W			9.01	232.64	SW cor Dartmouth
8+00 W			7.40	234.25	
8+50 W			6.00	235.65	
9+00 W			4.70	236.95	
9+50 W			4.10	237.55	
10+00 W			5.10	236.55	
10+50 W			5.70	235.95	
10+61.26 W			5.72	235.93	NW Cor Harvard & Hyde
11+41.26 W			5.70	235.95	SW Cor Harvard & Hyde
11+50 W			6.20	235.45	
12+00 W			9.30	232.35	
7+61.08 E			7.20	234.45	S.E. Cor Dartmouth
8+00 E			6.00	235.65	
8+50 E			5.70	236.55	

Profile of Hyde Street Continued

Sta	BS	HI	FS	Elev	Bm
9+00 E			3.60	238.05	
9+50 E			3.50	238.15	
10+00 E			3.90	237.75	
10+50 E			4.40	237.25	
10+61.71 E			4.30	237.35	NE Cor Harvard
11+41.71 E			5.50	236.15	SE Cor Harvard
11+50 E			5.70	235.95	
12+00 E			6.80	234.85	
		241.65			
TP			8.23	233.42	
	0.96	234.38			
12+50 E			1.30	233.08	
13+00 E			2.60	231.78	
13+50 E			5.30	229.08	
14+00 E			6.90	227.48	
14+42.34 E			7.90	226.48	SE Cor Hyde + Spine Tract

Profile of Hyde Street Continued Dartmouth to S line of Tract

Sta	BS	HI	FS	Elev	Brg	
12+50 W			3.30	231.08		
13+00 W			4.10	230.28		
13+50 W			5.40	228.98		
14+00 W			7.30	227.08		
14+41.26 W			9.02	225.36	225.36	Bm SW lot stake, S.W. Cor Hyde & S line Tract

Profile of Grove Street

Sta	BS	HI	FS	Elev.	BM
					217.25
	11.92	229.17			
14+42.34 E			11.92	217.25	
14+00 E			9.20	219.97	
13+50 E			8.00	221.17	
13+00 E			5.40	223.77	
12+50 E			3.00	226.17	
12+00 E			1.60	227.57	
14+41.89 W			3.50	225.67	
14+00 W			2.90	226.27	
13+50 W			1.60	227.57	
13+00 W			0.30	228.87	
T.P.			0.47	228.70	
	10.41	239.11			
11+50 E			10.40	228.71	
11+41.77 E			10.20	228.91	

South line to North line Tract

Blk stake NE Cor Grove & S. line of Tract

N.E Cor Grove & S line Tract

N W Cor Grove & S line of Tract

SE Cor. Grove & Harvard.

Profile of Grove Street

Continued

Sta	BS	HI	FS	Elev	BM	
10+61.71 E			8.60	230.51		NE Cor Grove & Harvard
10+50 E			8.10	231.01		
10+00 E			6.70	232.41		
9+50 E			4.60	234.51		
9+00 E			3.80	235.31		
8+50 E			2.90	236.21		
8+10 E			1.50	237.61		Top ground at hole
			2.20	236.91		Bottom to hard pan
		239.11				
8+00 E			1.30	237.81		
12+50 W			10.10	229.01		
12+00 W			9.20	229.91		
11+50 W			8.30	230.81		
11+41.26 W			8.00	231.11		SW Cor Harvard
10+61.26 W			5.00	234.11		SW Cor Harvard
10+50 W			4.70	234.41		

Profile of Grove Street

Sta	BS	HI	FS	Elev	BM
10+00 W			3.60	235.51	
9+50 W			2.50	236.61	
9+00 W			2.40	236.71	
			3.30	235.81	
8+50 W			2.70	236.41	
TP			3.21	235.89	
	3.19	239.08			
8+00 W			4.80	234.28	
7+61.26 W			6.80	232.28	
6+80.63 W			9.10	229.98	
6+50 W			9.60	229.48	
6+00 W			10.30	228.78	
5+50 W			10.70	228.38	
5+00 W			11.40	227.68	
4+50 W			11.90	227.18	
4+00 W			13.70	225.38	

Continued

Bottom hole hard pan (Adobe)

SW Cor Grove & Dartmouth

NW Cor Dartmouth check on (BM)

Grove Street Continued

Sta	BS	HI	FS	Elev	Bm	
		239.085				
7+61.08 E			1.40	237.68		S.E. Cor Dartmouth
6+81.08 E			3.10	235.98		N E Cor Dartmouth
6+50 E			4.20	234.88		Very Stony
6+00 E			6.00	233.08		
5+50 E			7.70	231.38		
5+00 E			8.70	230.38		
			10.00	229.08		Hole to hard pan
4+50 E			9.80	229.28		
4+00 E			10.60	228.48		
3+80.45 E			11.00	228.08	228.04	S.E. Cor Amherst & Grove (Bm)
TP			11.74	227.34		
	4.45	231.79				
3+80 W			6.83	224.96		
			3.72	228.07	228.04	S E Cor Amherst & Grove Bm
						Street continues down into the Arroya

Profile of Fern Street Seaman to South Line of Tract
{Note East side of this street going North is on good grade}

Sta	BS	HI	FS	Elev	BM
					227.04[5]
	9.28	236.32[5]			
0+00 W			1.70	234.62	
0+50 W			5.90	230.42	
1+00 W			9.00	227.32	
1+15.93 W			9.90	226.42	
1+50 W			11.40	224.92	
2+00 W			12.20	224.12	
2+50 W			11.10	225.22	
3+00 W			10.10	226.22	
3+80 W			9.00	227.32	
4+00 W			8.80	227.52	
4+50 W			8.00	228.32	
5+00 W			6.60	229.72	
5+50 W			5.60	230.72	
6+00 W			4.70	231.62	

SW Cor Seaman 60' St.

North Line of Tract

NW Cor Amherst

SW Cor Amherst

Profile of Avon Street Continued

Sta	BS	HI	FS	Elev	BM	
0+00.45 E			5.00	231.32		SE Cor Seamans 60' St
0+50 E			7.60	228.72		
1+00 E			9.60	226.72		
1+16.65 E			10.00	226.32		North Line of Tract
1+50 E			11.00	225.32		
2+00 E			11.40	224.92		
2+50 E			10.40	225.92		
		236.32				
3+00.45 E			9.30	227.02		N.E Cor Amherst St.
3+80.45 E			7.60	228.72		SE Cor Amherst St.
4+00 E			7.50	228.82		
4+50 E			6.70	229.62		
5+00 E			4.90	231.42		
5+50 E			3.50	232.82		
TP			9.28	227.04		
	10.83	237.87				

Profile of Fern or 30th St Continued

Sta	BS	HI	FS	Elev	BM	
6+00 E			4.40	233.47		
6+50 E			4.60	233.27		
6+81.08 E			4.10	233.77		NE Cor Dartmouth St
7+61.08 E			3.60	234.27		SE Cor Dartmouth St
6+50 W			5.90	231.97		
6+81.09 W			5.88	231.99	232.06	NW Cor Fern & Dartmouth (BM)
7+61.09 W			5.20	232.67		SW Cor Fern & Dartmouth
TP			2.05	235.82		
	4.03	239.85				
8 W			6.70	233.15		
8+50 W			5.40	234.45		
9+00 W			5.10	234.75		
9+50 W			5.10	234.75		
10+00 W			5.00	234.85		
10+50 W			5.20	234.65		

Profile of Fern Street Continued

Sta	BS	HI	FS	Elev	BM
		239.85			
10+61.26W			5.30	234.55	
11+41.26W			6.70	233.15	
11+50 W			6.70	233.15	
12+00 W			7.30	232.55	
12+50 W			8.10	231.75	
13+00 W			9.20	230.55	
13+50 W			9.80	230.05	
14+00 W			9.90	230.95	
14+41.89W			10.90	229.95	
8+00 E			4.90	234.95	
8+50 E			4.00	235.85	
9+00 E			3.50	236.35	
9+50 E			3.40	236.45	
10+00 E			3.70	236.15	
10+50 E			4.10	235.75	

NW Cor Harvard

SW Cor Harvard

NW Cor Fern or 30th & S. Lincoln Tract

Profile of Fern St. Continued

Sta	BS	HI	FS	Elev	Bm	
10+61.71 E			4.00	235.85	235.93	(Bm) SE Cor Harvard
11+41.71 E			5.20	234.65		SE Cor Harvard
11+50 E			5.20	234.65		
12+00 E			5.80	234.05		
12+50 E			7.00	232.85		
13+00 E			7.90	231.95		
13+50 E			8.90	230.95		
		239.85				
14+00 E			9.50	230.35		
TP			9.98	229.86		
	1.12	230.99				
14+42.34 E			1.87	229.12	229.15	SE Cor Fern or 30th Street & St. Line (Bm) Check

Profile of Ella St S. line to

Sta	B.S.	HI	FS	Elev	BM 229.15	
	1.87	231.02				Blk stake N.E. Cor turn r S. line
14+42.34E			11.73	219.29		Blk stake N.E. Cor Ella & S line
14+00E			11.60	219.42		
13+50E			8.40	222.62		
13+00E			5.10	225.92		
12+50E			4.10	226.92		
12+00E			3.10	227.92		
14+41.89W			15.50	215.72		Ind of street South N W Cor S line
14+20W			19.10	211.92		S. Edge of small narrow draw
[illegible]			25.00	206.02		Bottom of " " " Ends about 30' East
14+00W			15.60	215.42		North Edge " " " Sandstone cropping 2' lower
13+50W			10.50	220.52		
13+00W			6.90	224.12		
12+50W			5.80	225.22		
12+00W			5.30	225.72		
TP			4.50	226.52		

Profile of Ella Street

Sta	BS	HI	FS	Elev	Brn	
	6.88	233.40				
11+50 W			6.90	226.50		
11+41.26 W			7.15	226.25		SW Cor Harvard (Brn)
10+61.26 W			6.50	226.90		NW Cor Harvard
10+50 W			6.50	226.90		
10+00 W			6.50	226.90		
		233.40				
9+50 W			6.30	227.10		
9+00 W			6.20	227.20		
8+50 W			6.40	227.00		
8+00 W			7.50	225.90		
7+61.08 W			10.12	223.28	223.28	SW Cor Dartmouth (Brn)
11+50 E			4.70	228.70		
11+41.72 E			4.60	228.80		S.E. Cor Harvard
10+61.72 E			3.70	229.70		NE Cor Harvard
			5.00	228.40		Hole to Hard pan

Continued

Profile of Ella Street

Continued

Sta	BS	HI	FS	Elev	BM	
10+50 E			4.00	229.40		
10+00 E			4.00	229.40		
9+50 E			4.00	229.40		
9+00 E			4.30	229.10		
8+50 E			4.30	229.10		
			5.70	227.70		Hole to hard pan
8+00 E			6.40	227.00		
7+61.08 E			8.60	224.80		SE Cor Dartmouth
TP			10.12	223.28		
	6.26	229.54				
6+81.08 E			6.60	222.94		NE Cor Dartmouth
6+50 E			6.50	223.04		
6+00 E			5.60	223.94		
		229.54				
5+50 E			3.30	226.24		
5+25 E			2.90	226.64		

Profile of Ella Street — Continued

Sta	BS	HI	FS	Elev	BM
			4.30	225.24	
5+00 E			2.70	226.84	
4+50 E			3.90	225.64	
4+00 E			4.80	224.74	
3+80.55 E			5.00	224.54	
3+00.55 E			6.275	223.27	223.275
2+50 E			7.00	222.54	
2+00 E			7.40	222.14	
1+50 E			6.00	223.54	
6+81.08 W			9.10	220.44	
6+50 W			8.80	220.74	
6+00 W			7.60	221.94	
5+50 W			5.40	224.14	
5+00 W			4.90	224.64	
4+50 W			5.10	224.44	
4+00 W			5.50	224.04	

Hole to hard pan (Adobe)

SE Cor Amherst

SE Cor Amherst CBM

NW Cor Dartmouth

Profile of Ella Street Continued

Sta	BS	HI	FS	Elev	Rmk
3+80 W			5.86	223.68	SW Cor Amherst
3+00 W			7.21	222.33	NW Cor Amherst
2+50 W			7.90	221.64	
2+00 W			7.90	221.64	
		229.54			
TP			7.92	221.62	
	11.19	232.81			
1+50 W			9.90	222.91	
1+14.32 W			7.70	225.11	N line of prop
1+00 W			7.00	225.81	
0+50 W			2.00	230.81	
1+15.12 E			7.50	225.31	N line of prop
1+00 E			6.50	226.31	
0+50 E			2.00	230.81	
TP			0.61	232.19	
	11.57	243.77			

Profile/Ella Street

Sta	BS	HI	FS	Elev	Bm
0+00.45 E			7.50	236.27	
0+00 W			6.50	237.27	
TP			1.00	242.77	
	11.95	254.72			
10+61.31 W			11.50	243.22	
10+50 W			10.70	244.02	
10+00 W			8.40	246.32	
9+50 W			6.00	248.72	
9+00 W			4.40	250.32	
8+50 W			2.10	252.62	
8+00 W			0.60	254.12	
		254.72			
10+61.35 E			10.60	244.12	
10+50 E			9.80	244.92	
10+00 E			6.90	247.82	
9+50 E			4.70	250.02	

Continued

SE Cor Seaman St = 11+41.85

SW Cor " " 11+41.91

NW Cor Seaman

NE Cor Seaman

Profile of Ella Street

Sta	BS	HI	FS	Elev	Rm
9+00 E			2.60	252.12	
8+50 E			0.80	253.92	
T.P.			0.58	254.14	
	10.36	264.50			
8+00 E			9.00	255.50	
7+60.72 E			7.50	257.00	
6+80.72 E			4.70	259.80	
			3.95	260.55	
6+50 E			4.00	260.50	
6+00 E			2.40	262.10	
5+50 E			1.00	263.50	
7+61.07 W			9.30	255.20	
6+80.98 W			6.80	257.70	
6+50 W			6.40	258.10	
6+00 W			3.70	260.80	
5+50 W			3.00	261.50	

Continued

SE Cor Choate St

NE Cor Choat St

Spike in Cor Fence NE Cor Choate (BM)

SW Cor Choate

NW Cor Choate

Profile of Ella Street Continued

Sta	B.S	HI	FS	Elev	
5+00W			1.00	263.50	
TP			0.71	263.79	
	10.78	274.57			
		274.57			
4+50W			9.60	264.97	
4+00W			8.60	265.97	
3+80W			8.40	266.17	SW Cor Vanness Ave
3+00W			6.10	268.47	NW Cor Vanness Ave
2+50W			5.20	269.37	
2+00W			3.30	271.27	
1+50W			2.40	272.17	
1+00W			1.30	273.27	
5+00E			9.70	264.87	
4+50E			8.60	265.97	
4+00E			7.40	267.17	
3+80.5E			6.70	267.87	SE Cor Vanness

Profile of Ella Street

Sta	B.S	HI	FS	Elev	Bm
3+00.37 E			5.00	269.57	
2+50 E			4.00	270.57	
2+00 E			2.90	271.67	
1+50 E			1.50	273.07	
1+00 E			0.40	274.17	
TP			0.895	273.68	
	9.04	282.72			
0+50 E			7.50	275.22	
0+00 E			7.00	275.72	
			6.67	276.05	
		282.72			
0+50 W			8.60	274.12	
0+00 W			7.58	275.14	
TP			2.50	280.22	
	286.	283.08			
			6.33	276.75	

Continued

NE Cor Yanness

SE Cor Williams St

Bm spike in cor. fence SE Cor Ella & Williams

SW Cor Williams & Ella on Hub

Spike in cor fence NW Cor Dale & Watkins

Profile of Dale Street Watkins to Southline of South Park Tract

Sta	BS	HI	FS	Elev	BM 276.75	
	1.92	278.67				spike in fence NW cor Dale & Watkins
Sta 0 W			3.80	274.87		SW Cor Watkins & Dale St
0+50 W			5.20	273.47		
1+00 W			6.50	272.17		
1+50 W			8.50	270.17		
2+00 W			10.90	267.77		
2+50 W			12.00	266.67		
3+00 W			11.70	266.97		NW Cor Williams Ave & Dale
3+75.23 W			12.80	265.87		SW Cor Williams Ave & Dale
0+00 E			2.40	276.27		SW. Cor Watkins & Dale
0+50 E			4.00	274.67		
1+00 E			5.40	273.27		
1+50 E			6.60	272.07		
2+00 E			7.50	271.17		
2+50 E			7.60	271.07		
3+00 E			8.60	270.07		NE Cor Williams Ave & Dale

Dale Street Continued

Sta	BS	HI	FS	Elev	Brn
34+75.22 E			9.70	268.97	
TP			10.14	268.53	
	1.56	270.09			
4+00 E			1.80	268.29	
4+50 E			3.00	267.09	
5+00 E			5.00	265.09	
5+50 E			8.20	261.89	
		270.09			
6+00 E			12.40	257.69	
4+00 W			4.90	265.19	
4+50 W			6.90	263.19	
5+00 W			10.00	260.09	
5+50 W			14.70	255.39	
TP			10.92	259.16	
	0.60	259.76			
6+00 W			8.80	250.96	

S.E. Cor Williams Ave & Dale

Dale Street Continued

Sta	BS	HI	FS	Elev	BM
6+50 W			15.00	244.76	
6+74.9 W			18.10	241.66	NW Cor Vanness Ave
7+55.26 W			16.10	243.66	SW Cor Vanness Ave
8+00 W			12.50	247.26	
8+50 W			10.80	248.96	
9+00 W			11.60	248.16	
6+50 E			4.80	254.96	
6+75.22 E			4.80	254.96	NE Cor Vanness Ave
7+55.35 E			4.40	255.36	SE Cor Vanness Ave
8+00 E			3.40	256.36	
8+50 E			3.70	256.06	
9+00 E			5.60	254.16	
9+50 E			7.60	252.16	
T.P.			9.63	250.13	
	0.16	250.29			
		250.29			

Dale Street Continued

Sta	BS	HI	FS	Elev	Bm
10+00 E			0.10	250.19	
10+55.35 E			2.20	248.09	NE Cor Choate
11+35.35 E			4.50	245.79	SE Cor Choate
11+50 E			4.30	245.99	
12+00 E			5.50	244.79	
12+50 E			6.20	244.09	
13+00 E			6.40	243.89	
13+50 E			7.90	242.39	
14+00 E			9.00	241.29	
14+366.5 E			10.20	240.09	NE Cor Seaman
10+00 W			5.30	244.99	
10+50 W			7.00	243.29	
10+55.85 W			7.00	243.29	NW Cor Choate
11+35.85 W			8.20	242.09	SW Cor Choate
11+50 W			8.40	242.19	
12+00 W			9.30	240.99	

Dale Street Continued

Sta	BS	HI	FS	Elev	BM
~~12+00W~~			~~9.30~~	~~240.99~~	
12+50W			9.30	240.99	
13+00W			9.80	240.49	
13+50W			10.80	239.49	
14+00W			12.10	238.19	
TP			11.28	239.01	
	167	240.68			
		240.68			
14+36.47W			3.30	237.38	
0+00=					
15+14.46W			6.10	234.58	
0+50W			10.10	230.58	
1+00W			14.80	225.88	
0+00 45 E=					
15+15.09E			4.30	236.38	
0+50E			9.40	231.28	
1+00E			14.80	225.88	
TP			11.64	229.04	

NW Cor Seaman & Dale

= 0+00 SW Cor Seaman & Dale

= 0+00 45 SE Cor Seaman

Dale Street Continued

Sta	BS	HI	FS	Elev	Bm	
	2.53	231.57				
1+13.61 E			7.20	224.37		N Line of Tract
1+50 E			8.50	223.07		
2+00 E			10.50	221.07		
2+50 E			12.00	219.57		
1+12.75 W			6.30	225.27		N Line of Tract
1+50 W			8.00	223.57		
2+00 W			9.30	222.27		
2+50 W			11.60	219.97		
TP			10.93	220.64		
	2.88	223.52				
3+00 W			5.60	217.91	218.02	(Bm) N.W. Cor Amherst & Dale
3+80 W			11.03	212.49		S W Cor Amherst
4+00 W			10.30	213.22		
					218.02	(Bm) N W Cor. Amherst & Dale

Dale Street Continued

	Sta	BS	HI	FS	Elev	BM	
		5.60	223.62				
1	4+50 W			10.40	213.22		
1	5+00 W			10.20	213.42		
2	5+50 W			9.00	214.62		
2	6+00 W			9.80	213.82		
1	6+50 W			10.40	213.22		
1	6+81.09 W			8.68	214.94	214.98	SW Cor Dartmouth & Dale (BM)
2	7+61.09 W			7.90	215.72		SW " " " "
2	8+00 W			6.30	217.32		
1	8+50 W			4.30	219.32		
	3+00 45 E			6.20	217.42		NE Cor Amherst
	3+80.45 E			5.70	217.92		SE Cor Amherst
				6.50	217.12		Hole to hard pan
1	4+00 E			6.00	217.62		
	4+50 E			6.20	217.42		
	5+00 E			6.10	217.52		

Dale Street Continued

Sta	BS	HI	FS	Elev	BM
5+50 E			5.90	217.72	
6+00 E			6.80	216.82	
6+50 E			7.90	215.72	
6+81.09 E			7.20	216.42	NE Cor Dartmouth SE
7+61.09 E			6.10	217.52	
			7.50	216.12	Hole to hard pan
8+00 E			4.50	219.12	
		223.62.5			
8+50 E			1.50	222.12	
T P			4.05	219.57	
	3.96	223.53			
(8+00 E)			1.80	221.73	
9+00 E			1.00	222.53	
			2.30	221.23	Hole to hard pan
9+50 E			2.00	221.53	
10+00 E			4.00	219.53	

Dale Street Continued

Sta	BS	HI	FS	Elev	Bm	
10+50 E			4.00	219.53		
10+61.71 E			3.75	219.78		N E Cor Harvard
11+41.71 E			5.90	217.63		S E " "
			7.10	216.43		Adobe Hard pan
11+50 E			6.20	217.33		
12+00 E			6.80	216.73		
12+50 E			7.20	216.33		
13+00 E			7.30	216.23		
13+50 E			8.50	215.03		
14+00 E			9.50	214.03		
14+42.39 E			10.10	213.43		S. line prop. Blk. Stake
9+00 W			3.70	219.83		
9+50 W			4.50	219.03		
10+00 W			7.20	216.33		
10+50 W			9.90	213.63		

Dale Street Continued

Sta	BS	HI	FS	Elev	BM
		223.53			
10+61.72 W			9.80	213.73	NW Harvard
11+41.72 W			10.60	212.93	SW Harvard
11+50 W			10.80	212.73	
12+00 W			12.10	211.43	
12+50 W			12.85	210.68	
13+00 W			12.30	211.23	
13+50 W			12.30	211.23	
14+00 W			13.10	210.43	
14+41.92 W			14.10	209.43	S. Lima Tract
TP			10.22	213.30	
	0.58	213.88			
			11.00	202.88	202.90 spike in post NE Cor 29th & H St.

Profile of 29th Street So

Sta	BS	HI	FS	Elev	BM
					202.90
	6.47	209.37			
14+42.34 E			11.60	197.77	
14+00 E			10.00	199.37	
13+50 E			10.80	198.57	
			11.30	198.07	198.07
TP			11.47	197.90	
	5.56	203.46			
			14.10	189.36	
			12.50	190.96	
			12.00	191.46	
13+00 E			17.00	186.46	
			16.00	187.46	
12+70 E			4.90	198.56	
12+50 E			2.50	200.96	
			11.40	192.06	

Line prop to Seaman St.

Spike in post NE Cor 29th & H Street (BM

S Line of prop

(BM) an stone across drain to pick up

Blk stake at sta 14+42.34 E

40' West of Sta 14+42.34 E Descend to Arroya

" " " " 14 " " " "

25' " " " 13+50 " " " "

Bottom of Arroya Course SW

50 West of Sta 13+00 Ridge bet Arroya

Top of Arroya

50' West of 12+70 Edge of Arroya

7th Street Continued

Sta	BS	HI	FS	Elev		
			9.80	193.66		50' West of 12x50 Edge of Arroya
TP			11.60	191.86		
	0.77	192.63				
14+41.89W			17.40	175.23		S. Line of Street Bottom Arroya
14+00W			15.35	177.28		
13+50W			15.10	177.53		About junction of Arroyas
13+00W			12.50	180.13		Bottom Arroya
		192.63				
12+50W			7.00	185.63		
					195.07	BM on Stone continued.
	9.10	207.17				
12+00E			2.50	204.67		
11+50E			2.80	204.37		
11+41.71E			3.31	203.86	203.88	SE Cor Harvard (BM)
11+00E			7.00	200.17		Top of Ditch
10+95E			11.50	195.67		Bottom

29th Street Continued

Sta	BS	HI	FS	Elev	Bm	
10+90 E			7.00	200.17		
10+61.71 E			4.00	203.17		SE Cor Harvard
10+00 E			1.00	206.17		
9+50 E			0.00	207.17		
			0.80	206.37		Hole to hard pan
12+00 W			13.30	193.87		Edge of Arroya
11+50 W			16.90	190.27		
11+41.72 W			17.30	189.87		SW Cor Harvard in West Slope
			10.10	197.07		15' East top of bank
10+61.71 W			19.00	188.17		NW Cor Harvard Edge of small arroya Course West West slope of large arroya
			12.80	194.37		15 E Top of Bank
10+50 W			21.00	186.17		Bottom Small draw
10+50 W			19.00	188.17		
10+00 W			12.00	195.17		On sandstone
			8.20	198.97		10' East of 10+00
		207.17				

9th Street Continued

Sta	BS	HI	FS	Elev	BM	
9+50 W			7.90	199.27		on West Slope
			6.20	200.97		5' East of 9+50 W. Top of bank
9+00 W			7.00	200.17		
			5.70	201.47		5' East of 9+00 W
8+50 W			4.60	202.57		
8+40 W			5.10	202.07		Edge of Small Arroya
8+25 W			12.00	195.17		Bottom " " "
8+00 W			5.90	201.27		Top of " "
7+61.08 W			2.96	204.21	204.24	S.W. Cor Dartmouth BM
6+61.08 W			4.10	203.07		N.W. " "
6+50 W			7.00	200.17		Bottom Small Arroya
6+00 W			1.80	205.37		
TP			2.96	204.21		
	8.75	212.95				
9+00 E			6.50	206.45		
8+50 E			6.70	206.25		

29th Street Continued

Sta	BS	Hi.	FS	Elev	Bm
8+00 E			7.30	205.65	
7+85 E			7.50	205.45	Top Small Arroya
7+80 E			10.00	202.95	Bottom "
7+75 E			7.50	205.45	Top
7+61.68 E			6.50	206.45	S.E Cor Dartmouth
6+81.68 E			5.40	207.55	
			6.90	206.05	Hole to Hard pan
		212.95			
6+50 E			6.00	206.95	
6+25 E			6.00	206.95	Edge of Arroya
6+00 E			7.90	205.05	
5+50 E			10.50	202.45	Bottom of Arroya
5+00 E			4.90	208.05	Top " "
4+50 E			2.20	210.75	
4+00 E			0.00	212.95	
5+50 W			4.70	208.25	

29th Street Continued

Sta	B.S	Ht	F.S	Elev	B.M.
5+00 W			3.70	209.25	
4+50 W			2.40	210.55	
4+00 W			1.50	211.45	
3+80 W			0.78	212.17	SW Cor Amherst St.
T.P			0.78	212.17	
	11.99	224.16			
3+00 W			8.40	215.76	N.W. Cor. Amherst St.
2+50 W			7.20	216.96	
2+30 W			5.60	218.56	
1+50 W			5.00	219.16	
			3.50	220.66	N Line prop.
1+00 W			3.10	221.06	
0+50 W			3.60	220.56	
0+00 W			4.60	219.56	SW Cor Seaman
		224.16			
3+80.45 E			10.10	214.06	S.E. Cor Amherst

29th Street Continued

Sta	BS	HI	FS	Elev	BM	
3+00.4r			3.62	220.54	220.54	NE Cor Amherst (US MM) (Check)
2+50 E			2.60	221.56		
2+00 E			1.30	222.86		
1+50 E			0.20	223.96		
TP			2.69	221.47r		
	V-84	227.31r				
			4.10	223.21		Hole to hard pan 1+50 E
			2.90	224.41		N Line prop E
1+00 E			2.90	224.41		
0+50 E			4.60	222.71		
0+00.4r E			4.00	223.31		SE Cor Stromans St.

Profile of Bean Street

Sta	BS	HI	FS	Elev	BM
					216.33
	3.22	219.55			
0+00W			12.70	206.85	
0+50W			6.10	213.45	
1+00W			5.70	213.85	
1+09.85W			6.00	213.55	
1+50W			6.00	213.55	
2+00W			4.70	214.85	
2+50W			2.90	216.65	
3+00W			3.30	216.25	
0+00.46E			15.20	204.35	
0+50E			8.70	207.85	
1+00E			5.00	214.55	
			4.60	214.95	
1+50E			4.00	215.55	
2+00E			4.00	215.55	

Seaman St. to S line prop.

Top Blk Stake NW Cor Bean & Amherst BM

SW Cor Seaman

N. Line Prop.

NW Cor Amherst

SE Cor Seaman in Canon Rough

N ⊥ line prop

Bean Street Continued

Sta	BS	HI	FS	Elev	BM
2+50 E			4.20	215.37	
3+00.46 E			5.00	214.57	
T.P			3.22	216.33	
	0.14	216.47			
3+80.46 E			3.70	212.77	
4+00 E			4.30	212.17	
4+50 E			5.60	210.87	
5+00 E			7.30	209.17	
		216.47			
5+50 E			8.40	208.07	
6+00 E			8.80	207.67	
6+50 E			9.50	206.97	
6+81.09 E			9.30	207.17	N.E Cor Dartmouth
3+80 W			3.20	213.27	S.W " Fairhaven
			4.20	212.27	
4+00 W			3.70	212.77	

Bean Street Continued

Sta	BS	HI	FS	Elev	Bm	
4+50 W			4.50	211.97		
5+00 W			5.90	210.57		
5+50 W			5.90	210.57		
6+00 W			5.90	210.57		
6+50 W			6.40	210.07		
6+80.63 W			6.30	210.17		NW Cor Dartmouth
7+60.63 W			5.70	210.77		SW " Dartmouth
			6.70	209.77		Hole to hard pan
TP			6.29	210.18		
	6.21	216.39				
8+00 W			5.50	210.89		
8+50 W			4.30	212.09		
9+00 W			3.40	212.99		
9+50 W			4.00	212.39		
10+00 W			3.60	212.79		
10+50 W			3.90	212.49		

Bean Street. Continued

Sta	BS	HI	FS	Elev	Bm	
		216.39				
10+61.26W			3.40	212.99		NW Cor. Harvard
11+41.26W			3.90	212.49		SW Cor. Harvard
			5.70	210.69		Hole to hard pan
11+50W			3.90	212.49		
12+00W			4.30	212.09		
12+50W			4.60	211.79		
13+00W			4.90	211.49		
13+50W			5.40	210.99		
14+00W			6.00	210.39		
14+41.89W			6.40	209.99		South Line prop
			7.90	208.49		Hole to hard pan
7+61.09E			7.81	208.58	208.60	SE Cor Dartmouth (B.M.)
8+00E			7.70	208.69		
8+50E			7.20	209.19		
9+00E			6.60	209.79		

Bean Street Continued

Sta	BS	HI	FS	Elev	Bm	
9+50 E			6.50	209.89		
10+00 E			6.30	210.09		
10+50 E			6.50	209.89		
10+61.72 E			6.60	209.79		TP E Cor Bean + Harrard
11+41.72 E			6.29	210.10	210.13	SE " " " " (Bm)
11+50 E		(?)	6.50	(210.39) 209.89		
12+00 E			6.00	(210.39)		
12+50 E			6.50	209.89		
		216.39				
13+00 E			6.90	209.49		
13+50 E			7.00	209.39		
14+00 E			7.10	209.29		
14+42.35 E			7.70	208.69		South Line prop
			5.06	211.32	211.34	Stone S.E Cor City Park

Park Street Profile

Sta	BS	HI	FS	Elev	Bm
					211.34
	7.69	219.03			
14+41.45			8.00	211.03	
14+00 W			7.50	211.53	
13+50 W			6.30	212.73	
13+00 W			6.20	212.83	
12+50 W			6.50	212.53	
12+00 W			7.50	211.53	
11+50 W			8.30	210.73	
11+00 W			8.10	210.93	
10+50 W			6.90	212.13	
10+00 W			5.00	214.03	
9+50 W			4.00	215.03	
14+42.35 E			8.00	211.03	
			9.10	209.93	
14+00 E			6.60	212.43	
13+50 E			5.60	213.43	
13+00 E			4.40	214.63	
12+50 E			5.50	213.53	
			4.40	214.63	
12+00 E			5.30	213.73	
11+50			6.00	213.03	
11+41.72 E			6.10	212.93	
		219.03			
10+61.72 E			5.46	213.57	212.56
10+50 E			5.30	213.73	
10+00 E			4.20	214.83	
TP			4.49	214.54	
	8.45	222.99			
9+50 E			6.90	216.09	
			8.90	214.09	
9+00 E			6.30	216.69	

78th to Seaman St

Bm Stone SE Cor City Park

SE Cor City Park

South Line of Track & Street

Hole to hard pan

Hole to hard pan

SE Cor Harvard

W E Cor Harvard (Bm)

Hole to hard pan

Park Street Continued

Sta	BS	HI	FS	Elev	BM	
8+50 E			5.90	217.09		
8+00 E			5.20	217.79		
7+61.09 E			4.95	218.05		SE Cor Dartmouth (B M)
6+81.09 E			4.40	218.59		NE " "
			6.20	216.79		Hole to hard pan
6+50 E			4.30	218.69		
6+00 E			4.40	218.59		
5+50 E			4.50	218.49		
5+00 E			4.20	218.79		
4+50 E			3.20	219.79		
9+00 W			7.30	215.69		
8+50 W			6.80	216.19		
8+00 W			6.50	216.49		
7+50 W			5.80	217.19		
7+00 W			5.70	217.29		
		222.99				
6+50 W			6.80	216.19		
6+00 W			5.90	217.09		
5+50 W			4.90	218.09		
5+00 W			3.50	219.49		
TP			3.59	219.40		
	4.27	223.67				
4+50 E			4.30	219.37		
4+00 E			4.30	219.37		
3+80.46 E			4.27	219.40		SE Cor Amherst
3+30 E			3.50	220.17		Top Ground
			5.00	218.67		Hole to hard pan
3+00.46 E			4.10	219.57		N.E. Cor Amherst
2+50 E			4.90	218.77		
2+00 E			6.50	217.17		
1+50 E			8.00	215.67		
1+09.06 E			8.60	215.07		N. Line of prop
1+00 E			8.90	214.77		

Park Street Continued

Sta	BS	HI	FS	Elev	Bm
0+50 E			9.70	213.97	
0+00.46 E			10.40	213.27	
4+50 W			2.90	220.77	
4+00 W			2.40	221.27	
3+50 W			1.90	221.77	
3+00 W			1.80	221.87	
		223.67 5			
2+50 W			3.20	220.47	
2+00 W			4.60	219.07	
1+50 W			5.90	217.77	
1+00 W			6.20	217.47	
0+50 W			6.10	217.57	
0+00 W			5.60	218.07	
			4.28 5	219.39	219.37

SE Cor Seaman St

Opp ⊙ Line Seaman St.
check on Blk Stake SE Cor Amherst
Note from This Sta it starts to go down
a deep Cañon

Profile of 28th St Park or So

Sta	BS	HI	FS	Elev	BM
					211.34
	213	213.48			
0+00 W			2.60	210.88	
0+50 W			4.30	209.18	
0+99.50 W			6.00	207.48	
1+79.50 W			9.20	204.28	
2+00 W			10.40	203.08	
2+50 W			12.10	201.38	
0+00 E			3.00	211.48	
0+50 E			4.00	209.48	
0+97.50 E			4.70	208.78	
1+77.50 E			6.00	207.48	
			7.20	206.28	
2+00 E			6.80	206.68	
2+50 E			9.40	204.08	
3+00 E			13.10	200.38	
T.P.			11.54	201.94	
	1.73	203.67			
3+17.50 E			5.00	198.67	
3+37.50 E			6.30	197.37	
3+50 E			5.90	197.77	
4+00 E			3.00	200.67	
4+50 E			2.30	201.37	
4+77.50 E			2.60	201.07	
		203.67			
			2.61	201.06	201.10
			6.44	197.23	
3+00 W			6.00	197.67	
3+17.50 W			8.00	195.67	
3+37.50 W			11.00	192.67	
3+50 W			12.80	190.87	
3+70 W			17.50	186.17	
4+00 W			13.80	189.87	
4+50 W			10.00	193.67	
4+77.50 W			9.80	193.87	

Line of Prop to B Street

Stone S E Cor Park City

N W Cor at Park St

N W Cor H + 28th St

S W " " " "

N E Cor at S Line prop

N E Cor H + 28th

S E " " "

Hole to Hard pan

North Side of H Way

S " " "

N E Cor B + 28 198.00 Grade

City stake with Blue Kiel on Top

City spike in fence 50' South of B St on 28th E Side

N. Side H Way

S " "

N W Cor B + 28th St Grade 198.00 City

Profile of 29th Street from So Line So. park Tract to B St.

Sta	BS	HI	FS	Elev	BM	
					202.90⁵	Spike in post NE Cor A Street + 29th
	6.47	209.37⁵				
0+00E			2.40	206.97		NE Cor 29th + S Line South Park Tract
			3.60	205.77		Hole to Hard pan
0+50E			3.80	205.57		
0+85.20E			6.80	202.57		
			7.60	201.77		Hole to hard pan
1+00E			8.80	200.57		
1+65E			18.50	190.87		to Steep incline
0+00W			7.50	201.87		NW Cor 29th + S. Line Park Tract
			9.00	200.37		Hole to Hard pan
0+50W			9.20	200.17		
0+86.40W			11.00	198.37		
			12.00	197.37		hole to hard pan
TP			10.92	198.45⁵		Stone (BM) Tem-
	274⁵	201.20				
1+66+40W			19.00	182.20		SW cor 29th + A Street Steep incline to sml arroya
1+65.20E			17.50	183.70		SE Cor 29th " "
TP			11.57	189.63		
	0.42	190.05				
1+80E			11.30	178.75		Bottom of Arroya
2+00E			4.80	185.25		
1+75W			16.70	173.35		Bottom of Arroya
2+00W			9.50	180.55		
		190.05				
TP			2.54	187.51		
	10.44	197.95				
2+50W			6.80	191.15		
3+00W			8.10	189.85		
3+05.20W			8.20	189.75		Alley N. Side
3+25.20W			8.70	189.25		" S "
3+50W			9.50	188.45		
4+00W			9.60	188.35		

29th Street Continued

Sta	BS	HI	TS	Elev	BM	
4+50 W			11.00	186.95		
4+65.20 W			12.60	185.35		S.W Cor B St & 29th
TP			2.49	195.46		
	9.67	205.13				
			6.68	198.45	198.45	BM Stone
			2.23	202.90	202.95	B.M. spike in post
2+50 E			4.90	200.23		
3+05.20 E			3.70	201.43		N Side of alley
3+25.20 E			4.00	201.13		S " " "
3+50. E			4.50	200.63		
4+00 E			5.10	200.03		
4+50 E			6.70	198.43		
4+65.20 E			8.00	197.13		N E Cor B & 29th St 197.00 at City Grade
TP			4.44	200.69	200.69	Top Lathe 50' north of N E Cor B & 29 marked B.M.
				200.69		
	10.19	210.89				
TP			0.71	210.18		
	11.78	221.96				
			3.66	218.30		BM Top of S nut of stop cock Center of B Street West Line of 30th

Profile of 30th St. B Street to South line

Sta	BS	HI	FS	Elev	BM
					218.30
	11.86	230.16			
4+53.40W			11.20	218.96	
4+00W			8.90	221.26	
3+50W			6.80	223.36	
3+13.40W			6.40	223.76	
2+93.40W			6.10	224.06	
2+50W			5.20	224.96	
2+00W			5.00	225.16	
1+53.40W			4.10	226.06	
0+73.40W			3.40	226.76	
0+00W			3.30	226.86	
4+54.60E			8.50	221.66	
4+00E			7.40	222.76	
3+50E			6.30	223.86	
3+13.40E			6.20	223.96	
2+93.40E			5.50	224.66	
2+50E			5.10	225.06	
2+00E			4.10	226.06	
1+53.40E			3.50	226.66	
0+73.40E			2.10	228.06	
0+01.20E			1.10	229.06	
			0.98	229.18	229.15

B M Stop cock water main in B Street

N.W Cor B & 30th Street. Grade City 218.0

S Side Alley
N. " "

S W Cor 30th & H
N. W " " "
S. Line South Park Track
N E Cor B St & 30th

S. Side of Alley
N. Side of Alley

S E cor 30th & H
N E. Cor 30th & H
S. Line of S. Park Track
B M Bickham E side Fence S Line Track

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

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

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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