40

F.B. 40

FIELD BOOK.

360 N.

40

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Cross sections for Street car tracks on 5th St. B. St. to Univ. ave.

West	center	East	Sta	+	HO	—	Elev.

Cross sections for Street car tracks on 5th Street B to Univ ave

West		Center		East	
		(63.95)			
10.20	53.75	10.20	53.75	10.30	53.65
9.8	54.1	9.6	54.8	9.7	54.2
9.3	54.6	9.2	54.7	9.2	54.7
8.0	55.9	8.0	55.9	7.9	56.0
6.3	57.6	6.0	57.9	6.1	57.8
4.0	59.9	3.7	60.2	3.8	60.1
2.2	61.7	1.9	62.0	2.0	61.9
		(74.83)			
11.2	63.6	10.9	63.9	11.0	63.8
9.5	65.3	9.1	65.7	9.2	65.6
8.4	66.4	8.0	66.8	8.1	66.7
7.4	67.4	6.7	68.1	6.8	68.0
5.8	69.0	5.1	69.7	5.5	69.3
4.2	70.6	3.9	70.9	4.1	70.7
3.0	71.8	2.7	72.1	2.9	71.9
1.7	73.1	1.2	73.6	1.6	73.2
		(84.73)			
9.9	74.8	9.6	75.1	10.0	74.7
8.1	76.6	8.1	76.6	8.1	76.6

Sta	+	HI	−	Elev
3	8.35	63.95		55.60.0
3+40	11.29	74.83	0.41	63.54
0				
0+50				
1				
1+50				
2				
+50				
3	B.M 5 and A		7.14	67.69
+40	a St			
0				
+50				
1				
+50				
2	10.71	84.73	0.81	74.02
+50				
3	South Line Ash			
	B.M		7.07	77.66

Cross Sections for Street car tracks on 5th Street from B to Union ave

West		Center		East	
		(84.73)			
6.9	77.8	6.7	78.0	6.6	78.1
5.4	79.3	5.3	79.4	5.1	79.6
3.1	81.6	3.0	81.7	2.8	81.9
0.3	84.4	0.4	(95.42) 84.3	0.3	84.4
2.4	87.2	2.2	87.4	2.2	87.4
5.7	89.9	5.4	90.2	5.4	90.2
3.3	92.3	2.9	92.7	3.2	92.4
0.5	95.1	0.2	(109.19) 95.4	0.3	95.3
12.4	96.8	12.4	96.8	12.3	96.9
11.1	98.1	11.1	98.1	10.8	98.4
6.8	100.4	8.4	100.8	8.4	100.6
5.9	103.3	5.7	103.5	5.6	103.6
3.0	106.2	2.6	(120.75) 106.6	2.6	106.6
11.2	109.5	11.1	109.6	11.1	109.6
8.2	112.5	8.0	112.7	7.8	112.9
5.2	115.5	5.1	115.6	5.1	115.4
3.8	116.9	3.8	116.9	3.7	117.0

Sta	+	H.I.	−	Elev
40				
0				
+50				
1	11.66	95.42	0.77	83.96
+50				
2				
+50				
3	6.75	102.17	0.20	95.42
3+40	5.31	109.19	1.29	100.88
0				
+50				
1				
+50				
2	11.88	120.75	0.32	108.87
+50				
3	South Line Cedar			
+40				
B.M.			4.38	116.37

Cross sections for Street cen. track on 5th St from B to Univ ave

West		Center		East	
			(120.75)		
2.4	118.3	2.4	118.3	2.5	118.2
0.4	120.3	0.2	120.5	0.3	120.4
			(132.11)		
10.0	122.1	9.8	122.3	9.6	122.5
8.1	124.0	7.9	124.2	7.8	124.3
6.0	126.1	5.9	126.2	5.8	126.3
4.0	128.1	3.8	128.3	3.9	128.2
2.1	130.0	1.6	130.5	1.9	130.2
0.9	131.2	0.9	131.2	0.8	131.3
			(141.15)		
9.0	132.1	9.1	132.0	9.1	132.0
8.2	132.9	8.2	132.9	8.2	132.9
7.2	133.9	7.3	133.8	7.4	133.7
6.5	134.6	6.4	134.7	6.5	134.6
5.5	135.6	5.7	135.4	5.8	135.3
4.8	136.3	4.8	136.3	4.7	136.4
3.9	137.2	3.9	137.2	3.6	137.5
3.2	137.9	2.9	138.2	2.6	138.5
1.7	139.4	1.2	139.9	1.0	140.1
			(151.90)		
10.4	141.3	10.1	141.8	10.0	141.9
8.3	143.6	7.7	144.2	8.1	143.8

Sta	+	Hi	−	E
0				
+50				
1	11.92	132.11	0.56	120.19
+50				
2				
+50				
3				
+40	Center Line Date			
0	9.90	141.15	0.86	131.25
0+50	B.M		7.40	133.75
1				
+50				
2				
+50				
3	South Line Elm			
+40				
0	11.73	151.88	1.00	140.15
0+50				
1				

West		Center (151.90)		East	
5.7	146.2	5.3	146.6	5.6	146.3
3.1	148.8	2.5	149.4 (162.40)	2.8	149.1
11.2	151.6	10.8	152.0	11.2	151.6
8.6	154.2	8.4	154.4	8.5	154.3
4.7	154.1	6.6	156.2	6.4	156.4
4.4	158.4	4.5	158.3	4.4	158.4
1.8	161.0	1.6	161.2 (173.98 1740)	1.7	161.1
10.6	163.4	10.2	163.8	10.2	163.8
7.7	166.3	7.4	166.4	7.6	166.4
4.3	169.7	4.6	169.4	4.4	169.6
2.0	172.0	2.0	172.0 (185.20)	2.0	172.0
10.8	174.4	10.4	17.48	10.7	174.5
8.7	176.5	8.6	176.6	8.9	176.3
7.0	178.2	6.7	178.5	6.8	178.4
4.8	180.6	4.3	1809	4.6	180.6
1.9	183.3	1.7	183.5 (196.40)	1.8	183.4
10.6	186.0	10.4	186.2	10.5	186.1
8.1	188.5	7.9	188.7	7.7	188.9

Sta	+	75	−	E
		151.88		
1+50				
2	11.73	162.80	0.81	151.07
150				
3	South Line Fir			
140				
0	BM		2.44	160.36 (160.28)
0+50	11.87	173.98	0.69	162.11
1				
5				
2				
150	12.0	185.22	0.76	173.22
3	South Line grape			(174.83)
3+40			1.26	174.96
0				
0+50	11.9	196.62	0.50	184.72
1				
150				
2				

West		Center		East	
			196.62		
5.5	191.1	5.2	191.4	5.0	191.6
2.6	194.8	1.9	194.7	2.0	194.6
			205.50		
9.3	196.2	9.2	196.3	9.2	196.3
7.6	197.9	7.3	198.2	7.5	198.0
5.5	200.0	5.0	200.5	5.1	200.4
2.6	202.9	2.5	203.0	2.6	202.9
0.4	205.1	0.1	205.4	0.1	205.4
			217.10		
9.6	207.5	9.3	207.8	9.2	207.9
7.5	209.6	6.9	210.2	7.0	210.1
5.0	212.1	4.4	212.7	4.1	213.0
2.7	214.4	2.8	214.3	2.2	214.9
1.2	215.9	0.8	216.3	0.5	216.6
			227.50		
9.4	218.1	9.0	218.5	8.9	218.6
7.2	220.3	6.8	220.7	6.8	220.7
4.6	222.9	4.2	223.3	4.2	223.3
1.5	226.0	1.3	226.2	1.3	226.2
			235.90		
7.1	228.8	6.9	229.0	6.9	229.0
4.9	231.0	4.7	231.2	4.4	231.5

Sta	+	Hi	−	E
		196.62		
2+50				
3	South Line Hawthorn			
	6.21	200.53	2.30	194.32
3+40			1.71	198.82
0	6.78	205.50		198.72
+50				
1				
+50	11.87	217.06	0.31	205.19
2				
+50				
3	South Line Ivey		1.26	215.80
+40				
0				
0+50	11.60	227.52	1.14	215.92
1			0.55	
+50				
2				
+50	8.94	235.91	0.55	226.97
3	South Line Jump			
			7.77	228.14

West		Center (235.91)		East	
4.0	231.9	3.4	232.5	3.4	232.5
3.2	232.7	2.5	233.4	2.7	233.2
2.1	233.8	1.4	234.5	1.4	234.5
1.5	234.4	0.7	235.2 (246.28)	0.7	235.2
11.6	234.6	10.9	235.3	11.0	235.2
9.8	234.4	9.3	236.9	9.1	237.1
7.9	238.3	7.4	238.8	7.5	238.7
5.7	240.5	5.4	240.8	5.7	240.5
4.7	241.5	4.0	242.2	3.9	242.3
3.8	242.4	3.1	243.1	3.2	243.0
2.6	243.6	1.9	244.3	2.0	244.2
1.3	244.9	0.6	245.6 (254.58)	0.9	245.3
8.0	246.5	7.1	247.4	7.8	246.7
6.9	247.4	6.2	248.3	6.4	248.1
6.2	248.3	5.3	249.2	5.7	248.8
4.9	249.6	4.1	250.4	4.5	250.0
4.1	250.4	3.3	251.2	3.6	250.9
3.1	251.4	2.5	252.0	2.8	251.7

Sta	+	Hi (235.91)	−	E
3+40				
0				
0+50				
1	11.91	246.96	0.85	235.06
+50				
2				
+50				
3	South Line Halima		4.44	242.52
+40				
0				
0+50				
1				
0+50	7.89	254.52	0.33	246.63
2				
+50				
3	South Line Laurel			
+40				
0				
B.M.			1.52	253.00

West		Center		East	
		25450			
1.9	252.6	1.2	253.3	1.5	253.0
0.6	253.9	0.1	254.4	0.1	254.4
		24270			
8.1	254.6	7.5	256.2	7.6	256.1
7.1	255.6	6.7	256.0	6.4	256.3
6.3	256.4	5.7	257.0	5.8	256.9
5.3	257.4	4.8	257.9	5.2	257.5
4.9	257.8	4.5	258.2	4.7	258.0
4.3	258.4	4.0	258.7	4.2	258.5
3.7	259.0	3.3	259.4	3.4	259.3
3.0	259.7	2.4	260.3	2.6	260.1
2.1	260.6	1.6	261.1	1.9	260.8
1.5	261.2	0.9	261.8	1.0	261.7
		27250			
10.7	261.8	9.8	262.7	9.9	262.6
9.3	263.2	8.6	263.9	9.9	262.6
8.3	264.2	7.7	264.8	8.0	264.5
7.5	265.0	6.8	265.7	6.7	265.8
4.3	266.2	5.6	266.9	5.8	266.7
5.1	267.4	4.7	268.2	4.3	268.2
4.1	268.4	3.7	269.3	3.2	269.3

Sta	+	H.I.	−	E
		254.52		
0+50				
1				
	8.96	262.66	0.8	253.72
1+50				
2				
2+50				
3	South Line Maple			
3+40				
0 BM			4.60	258.06
0+50				
1				
1+50				
2				
	11.23	272.49	1.42	261.26
2+50				
3+30	South Line Nutmeg		5.73	263.76
3+40				
0				
0+50				
1				
1+50				

West		Centre (272.60)		East	
3.1	269.4	2.5	270.0	2.5	270.0
2.2	270.3	1.5	271.0	1.6	270.9
1.5	271.0	0.6	271.9	0.9	271.6
		(279.78)			
2.5	271.2	7.6	272.1	7.7	272.0
8.3	271.4	7.4	272.3	7.5	272.2
7.7	272.0	7.0	272.7	7.1	272.6
7.2	272.5	6.5	273.2	6.6	273.1
6.4	273.3	5.8	273.9	6.1	273.6
5.4	274.3	5.0	274.6	5.1	274.6
4.6	275.1	4.0	275.7	4.3	275.4
4.1	275.6	3.2	276.5	3.5	276.2
3.4	276.3	2.8	276.9	3.0	276.7
2.9	276.8	2.5	277.2	2.8	276.9
2.5	277.2	1.9	277.8	2.3	277.4
2.4	277.3	1.5	278.2	2.0	277.7
1.7	278.0	1.0	278.7	1.6	278.1
		(284.78)			
4.3	278.4	5.5	279.2	4.1	278.6
5.9	278.8	5.2	279.5	5.8	278.8
5.3	279.4	4.5	280.2	5.3	279.4

Sat	+	Ht.	−	E
		272.49		
2				
2150				
3	South Line Olive		1.18	271.31
+40	8.37	279.68		271.31
0				
0+50				
1				
+50				
2				
+50				
3	B.M. Palm St		2.49	277.19
+40				
0				
0+50				
1				
+50	6.04	284.68	1.04	278.64
2				
+50				
3	Quince St		5.30	279.38

West		Center (284.08)		East	
5.2	279.5	4.4	280.3	5.0	279.7
4.6	280.1	4.2	280.5	4.5	280.2
4.6	280.1	4.1	280.6	4.2	280.5
4.5	280.2	3.8	280.9	4.0	280.7
4.3	280.4	3.6	281.1	3.6	281.1
4.0	280.7	3.4	281.3	3.6	281.1
3.8	280.9	3.1	281.4	3.4	281.3
3.6	281.1	2.9	281.6	3.2	281.5
		(286.18)			
4.9	281.2	4.2	281.9	4.4	281.7
4.7	281.4	4.0	282.1	4.3	281.8
4.6	281.5	4.0	282.1	4.3	281.8
4.4	281.3	4.1	282.0	4.1	282.0
4.6	281.3	4.2	281.9	4.2	281.9
4.7	281.4	4.1	282.0	4.1	282.0
4.5	281.6	4.2	281.9	4.3	281.8
4.8	281.3	4.3	281.8	4.4	281.7
		(285.5)			
4.3	281.8	3.9	281.6	4.0	281.5
4.9	280.6	4.1	281.4	4.3	281.2
5.1	280.4	4.4	281.1	4.6	280.9

Sat	+	HI	−	E
		284.68		
3+40				
0				
+50				
1				
+50				
2				
+50				
3	Redwood St			
#	BM			
+40	4.11	280.57	231	281.97
0				
+50				
1				
+50				
2				
+50				
3 #	Spruce 2.14	285.46	2.16	283.32
+40				
0				
+50				

West		center		East	
			285.50		
5.4	280.1	4.6	280.9	4.6	280.9
5.4	279.9	5.1	280.4	5.0	280.5
5.8	279.7	5.3	280.2	5.3	280.2
5.6	279.9	5.5	280.0	5.3	280.2
5.6	279.7	5.4	280.1	5.2	280.3
5.3	280.2	4.9	280.6	4.8	280.7
5.0	280.5	4.3	281.2	4.2	281.3
			290.10		
8.7	281.4	8.3	281.9	8.0	282.1
8.0	282.1	7.5	282.4	7.1	283.0
6.8	283.3	6.3	283.8	6.1	284.0
5.7	284.4	5.1	285.0	5.1	285.0
4.9	285.2	4.4	285.7	4.2	285.9
4.2	285.9	3.7	286.4	3.5	286.6
4.0	286.1	3.4	286.7	3.3	286.8
3.6	286.5	3.2	286.9	3.2	286.9
			290.9		
4.2	286.7	3.8	287.1	3.7	287.2
4.0	286.9	3.7	287.2	3.5	287.4

Sta	+	Fi	−	G
9		285.46		
9+50				
2				
2+50				
3		Thorn		
3+50				
0	B.M. 7.11	290.11	2.48	283.00
0+50				
1				
1+50				
2				
2+50				
3				
3+50				
4+48				
0	North Line Texas		2.23	287.96 / 287.88
0+2.	2.89	290.55		287.66
0+50				
1				

West		Center		East	
		(290.9)			
4.2	286.7	3.7	287.2	3.5	287.4
4.2	286.7	3.9	287.0	3.8	287.1
4.1	286.8	4.0	286.9	3.9	287.0
4.7	286.2	4.6	286.3	4.2	286.7
5.3	285.6	5.0	285.9	4.4	286.5
6.9	284.0	6.8	284.1	5.5	285.4
7.5	283.4	7.3	283.6	6.0	284.9
8.3	282.6	7.9	283.0	6.6	284.3
8.9	282.0	8.6	282.3	7.0	283.9
8.9	282.0	9.0	281.9	7.6	283.3
		(286.6)			
4.9	281.7	5.1	281.5	3.8	282.8
5.7	280.9	5.6	281.0	4.2	282.4
5.9	280.7	5.6	281.0	5.2	281.4
5.7	280.8	5.5	281.1	5.5	281.1
5.5	281.1	5.5	281.1	5.6	281.0
5.7	280.9	5.6	281.0	6.0	280.6
5.9	280.7	5.9	280.7	6.2	280.4

Sta	+	Ft	-	Elev
		290.85		
1+50				
2				
2+12.5	South line of Walnut St			
+32.5	Center of Walnut			
0	North line of Walnut			
+50		8' East	6.8	284.1
1		8 "	7.4	283.5
+50		8 "	8.2	282.7
2		8 "	9.2	281.7
+50		8' "	9.4	281.5
#	4.55	286.58	8.82	282.03
3		6' East	5.6	279.0
+50		6' "	6.0	280.6
4				
+50				
5				
+50				
6				
B.M. 5th & Broadway			6.37	280.21

West		center		East	
		(286.6)			
6.3	280.3	6.0	280.6	6.6	280.0
6.3	280.3	7.3	279.3	7.0	279.6
9.9	276.7	10.3	276.3	7.9	278.7
		(276.3)			
1.2	175.1	3.4	272.9	- 1.5	264.6
		(265.8)			
4.2	261.6	6.0	259.8	9.0	256.8
15.0	250.8	15.0	250.8	15.0	250.8
3.8	260.0	3.6	262.2	4.6	261.2
		(284.1)			
9.6	274.5	8.9	275.2	7.5	276.6
7.0	277.1	6.9	277.2	4.7	279.4
5.2	278.9	5.4	278.7	3.3	280.8
4.9	279.2	4.8	279.3	3.1	281.0
3.7	280.4	3.6	280.5	3.7	281.4
2.8	281.3	2.6	281.4	2.1	282.0

sat	+	HI	-	E
		286.58		
6+30	center of Brookfield			
0				
	+ 50			
#	1.08	276.33	11.33	275.25
1	on bridge brace — marked			
#	0.36	265.80	10.89	265.44
	+ 50			
	+ 82	Bottom of curve		
2				
#	11.52	275.90	1.42	264.38
#	9.44	284.13	1.21	274.69
	+ 50			
3	5' East	6.4		277.7
	+ 50	5' "	5.3	279.8
4	5' "	4.8		280.3
	+ 50	4' "	3.6	280.5
5	5' "	3.7		280.4
#	7.84	290.23	1.74	282.39

West		Cent.		East	
		(290.2)			
7.6	282.6	7.4	282.8	7.8	282.4
4.5	285.7	5.0	285.2	6.7	283.5
3.1	287.1	3.4	286.8	6.6	283.6
4.3	285.9	4.0	286.2	6.5	283.7
4.8	285.4	5.1	285.1	6.2	284.0
4.6	285.6	5.0	285.2	5.0	285.2
4.4	285.4	4.8	285.4	4.8	285.4
3.0	287.2	3.8	286.4	4.5	285.7
3.8	286.4	3.5	286.7	3.5	286.7
1.9	288.3	3.0	286.2	3.5	286.7
3.1	287.1	2.7	287.5	2.3	287.9
2.7	287.5	2.5	287.7	1.7	288.5
		(295.4)			
6.3	289.1	6.6	288.8	7.1	288.3
6.2	289.2	6.7	288.7	6.8	288.6
6.5	288.9	6.5	288.9	6.0	289.4
6.3	289.1	6.4	289.0	6.1	289.3

sta	+	Hi	−	E
		290.23		
5+50				
6				
6+30	Thornton St			
B.M.			1.19	286.04
0				
+50		4' West	3.9	286.3
1				
+50		3' West	3.8	286.4
2		3' "	2.6	288.6
+50				
3				
+50				
4				
#	6.82	295.42	1.60	288.60
150				
5				
+50				
6				

West		Center		East	
		295.4			
6.5	288.9	5.6	289.8	5.8	289.6
6.6	288.8	6.3	289.1	5.6	289.8
6.7	288.7	6.7	288.7	6.3	289.1
6.9	288.5	6.9	288.5	6.8	288.6
6.9	288.5	6.9	288.5	6.6	288.8
6.7	288.7	6.6	288.8	6.0	289.4
6.6	288.8	6.7	288.7	6.4	289.0
6.4	289.0	6.2	289.2	5.5	289.9
4.4	291.0	5.1	290.3	6.5	288.9
4.8	290.6	4.2	291.2	3.3	292.1
5.2	290.2	4.4	291.0	5.1	290.3

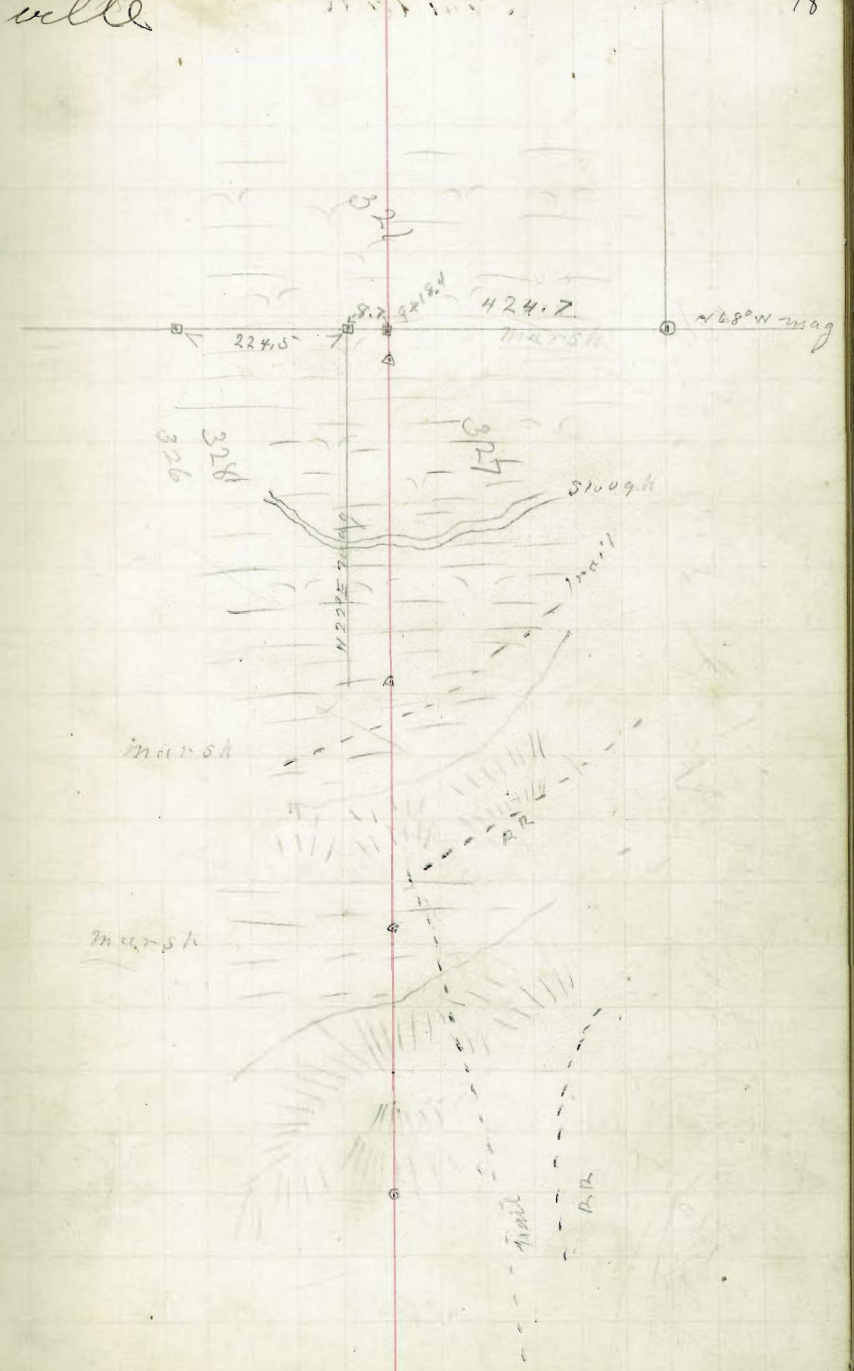
5th & Univ ave.

Sta	+	H.I.	−	Elev
		295.42		
6+30	Robinson St			
0				
B.M.				
+50				
1				
+50				
2				
+50				
3				
+50	1' East 6.2	289.2	3' West 3.3	292.1
4				
+16	South line of Univ ave.			
B.M.		5.48		289.94

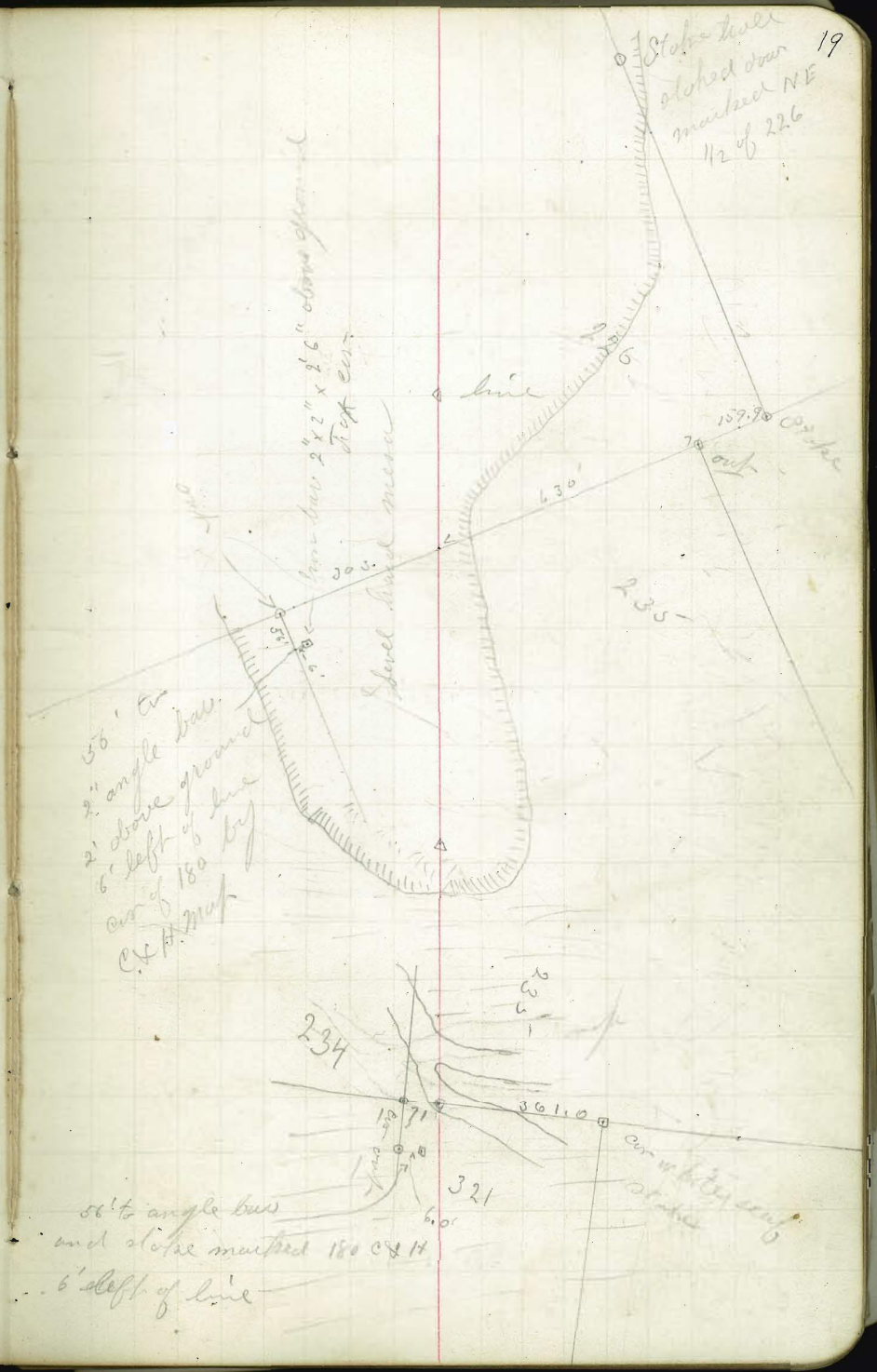
Road from Middletown to Rose-ville

Station	Def	Course	M.C.
12			
11			
10 +20 +18.4	line bet		
9	5° 35' R	S 46° 50' W	S 27° 40 W
8			
7 +52	Slough		
6			
5			
4 +16.7			
4 +16.7'	90° 0' L	S 35° 15' W	S 22° 05' W
3			
2 +55	top of slight rise		
1			
0		N 54° 45' W	N 68° 05' W

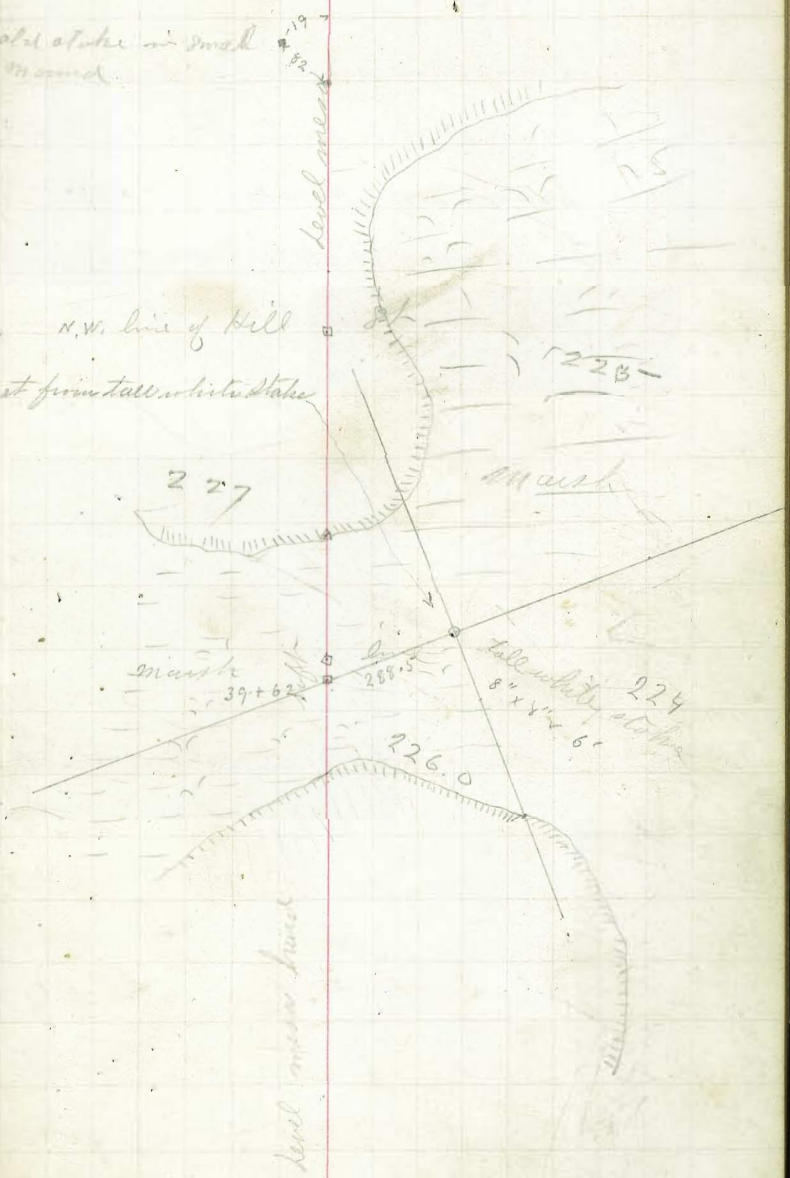
Station 0' is the center of Seasterly line of old town



Station	Bef	Course	M. C.
31			
30			
29			
28			S42° 50' W
27			
26			
+50 line bet 226 & 235			
25			
24			
23			
22			
21			
+30			
20	15° 15' Rt	356° 05' W	S42° 45' W
19			
18			
17			
+70			
16 +81 line bet 235 & 321			
+75			
15			
14			
13		S46° 50' W	



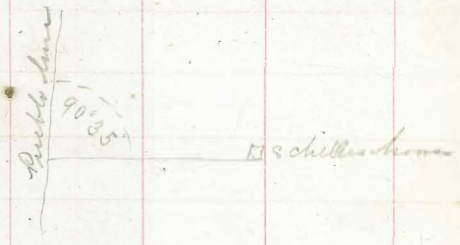
Station	Bef	Course	M.C.
50			
49			
48			
47			
46			
45 +62	at I		
44	at Station 44 + 1.5 intersect line Bet Pts 227-225		221 feet from tall white stake
43			
42 +98	69°05	N54°50'W	N67°0'W
41 +69			
40 +95			
39 +62	line Bet 224 & 226		S43°50'W
38			
37			
36			
35			
34			
33			
32		S56°05'W	



Sta — Mag. Bearing of ditch N 22° W

From Iron pin on Cor Schillers lot
Drain at 800 ft Center ditch at 1135 intersect
proposed road, at Station 62+90.5 at 1359 ft
pueblo line at station 567 ft from Pueblo
Cor. Angle with pueblo line 90°35'

+22
63
62
61
60
59
58
57
56
55
54
53
52
+41.7
51



At station 57+21.5 Intersect Pueblo Line

Bet Pueblo lots 225 ~~ — 223.30 feet from Cor to 225

S.E. line of Green St

Check of B.M.'s on 5th St from 18 to Avenue Ave

Sta	+	HI	−	Elev	chk.	
B.M.	5.64	54.42		48.78		5th & 18 St's
B.M.#	2.96	57.38	0.0	54.42	54.42	5th & C St's S.E. N hinge of hyd dr
B.M.			1.81	55.57	55.60	5th & B
#	8.43	62.87	2.94	54.44		
#	8.87	70.29	1.45	61.42		
B.M.			2.63	67.66		5th & A
#	8.93	77.20	1.32	68.97		
B.M.			0.27	77.63		5th & Park
#	10.97	88.35	0.52	77.38		
#	11.15	98.88	0.62	87.73		
#	10.59	108.07	1.40	97.48		
B.M.			7.25	100.82	100.80	5th & Beech St
#	11.84	119.15	0.76	107.31		
B.M.			3.00	116.15		Ave Cedar S.E. of hyd
#	11.92	129.56	1.51	117.64		
#	9.65	138.33	0.88	128.68		
B.M.			4.65	133.68		5th & Butler N.E. nozzle of hyd dr
B.M.#	11.29	149.26	0.36	137.97		5th & Elm S.E. plug tee
#	11.95	160.61	0.70	148.56		

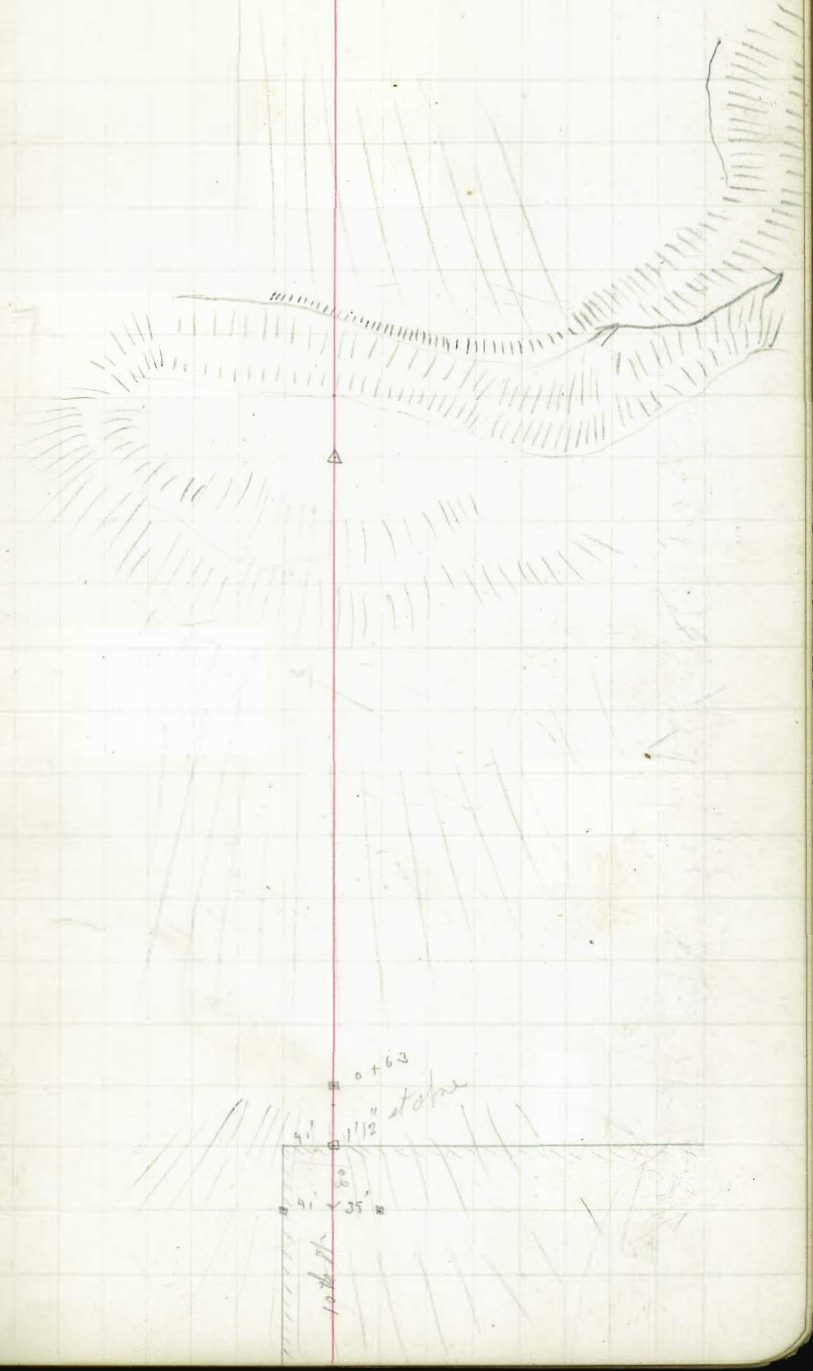
Sta	+	HI	−	Elev	chk	
		160.51				
B.M. #	11.87	172.14	0.24	160.27		5th & Pine N.E. N hinge of hydt
#	11.88	183.52	0.50	171.64		5th & Maple S.E. S/k tel
B.M.			8.65	174.87		
#	11.99	194.82	0.69	182.83		
#	11.67	206.15	0.34	194.48		
B.M.			7.41	198.74	198.76	6th & Hawthorn S.E.
#	11.93	218.01	0.07	206.08		
B.M.			2.20	215.81		6th & Ivy S.E. N hinge of hydt
#	11.89	229.27	0.63	217.38		
#	9.07	238.06	0.28	228.99		
B.M.			9.88	228.18		6th & Juniper St. S.E. of k tel
#	10.82	248.28	0.60	237.46		
B.M.			5.92	242.36		6th & Palmira St. S.E. of k tel
#	8.73	256.91	0.10	248.18		
B.M.			3.84	253.07		6th & Laurel St.
#	7.68	264.85	0.24	256.67		
B.M.			6.21	258.14		6th & Maple N.W. of k 6" from Cur-
B.M.#	9.70	273.51	0.54	263.81		6th & Nutmeg S.E. of k tel

Sta	+	HI	−	Elev	Clk	
		273.51				
B.M. #	8.01	279.39	2.13	271.38		5th & Olive S.E. spk tel
B.M. ☐	6.52	283.76	2.15	277.24		5th & Palm SW nozzle of hydt.
B.M.			4.28	279.48		5th & Quince S.E. spk 6" from cor.
B.M. #	3.70	285.79	1.67	282.09		5th & Redwood spk 3' East of SE cor. of SE cor.
B.M.			2.33	283.46		5th & Spence St cap tack top of surf stake 3' East
B.M. #	9.50	290.16	5.13	280.66		5th & Thorn spk 3' East of S.E. cor.
B.M.			2.22	287.94		5th & W/as

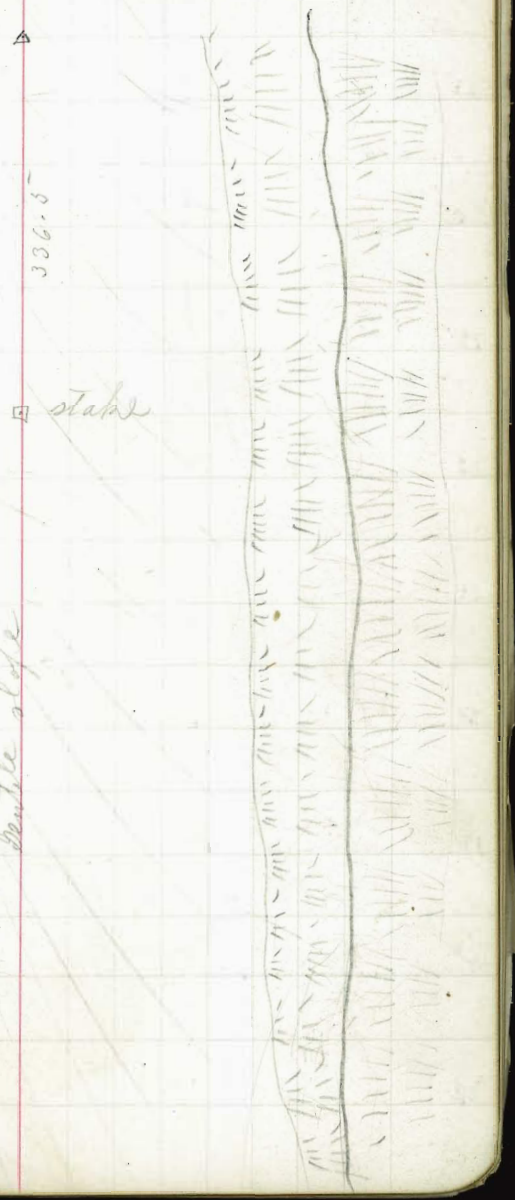
Survey of a portion of 1128

Station	Def	Course	Vert Angle	Rod	Hist
7					
6					
+41.5			+1° 0'	1114	1115
5					
4					
3					
2					
1					
+63		N 29° 35' W Mag	+4° 10'	4.80	478.5
0					

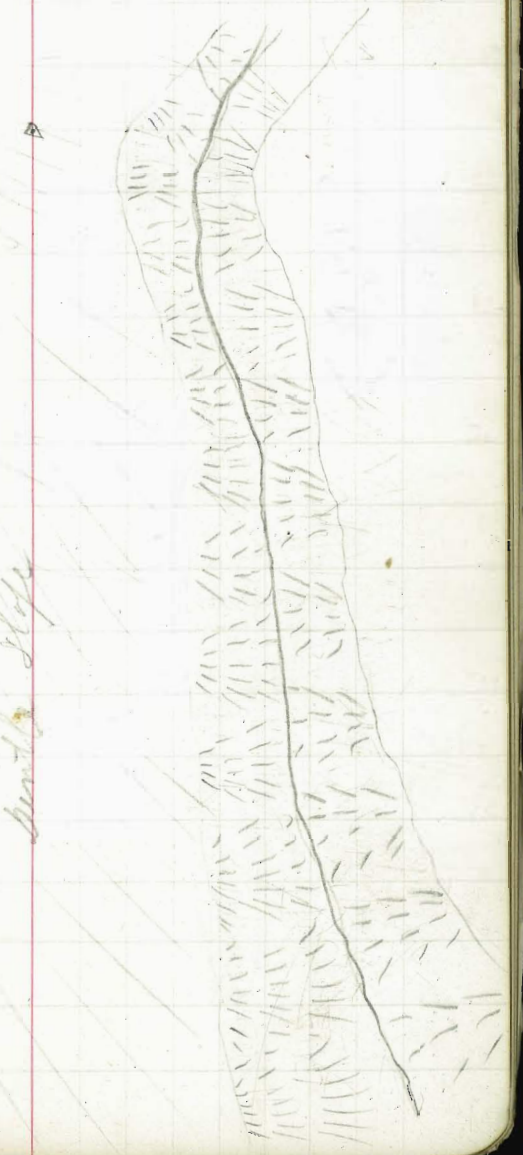
Note all these Cors were of to wards moved 27.5 East
Intermediate point were not moved



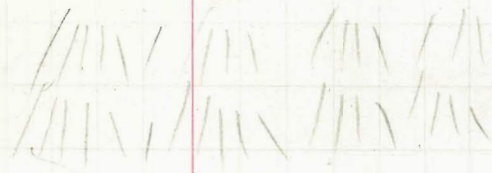
Sta	Ref	Course	Vert Angle	Rod	Hor't
+56.5			+4° 0'	8.02	799
16					
15					
14					
+25					
13					
12					
11					
10					
9					
8					



Station	Bf	Course	Vert Angle	Rod	Dist.
25					
+ 5-8.5			+0° 0'	1.86	185.5
24					
23					
22					
21					
20					
19					
18					
17					



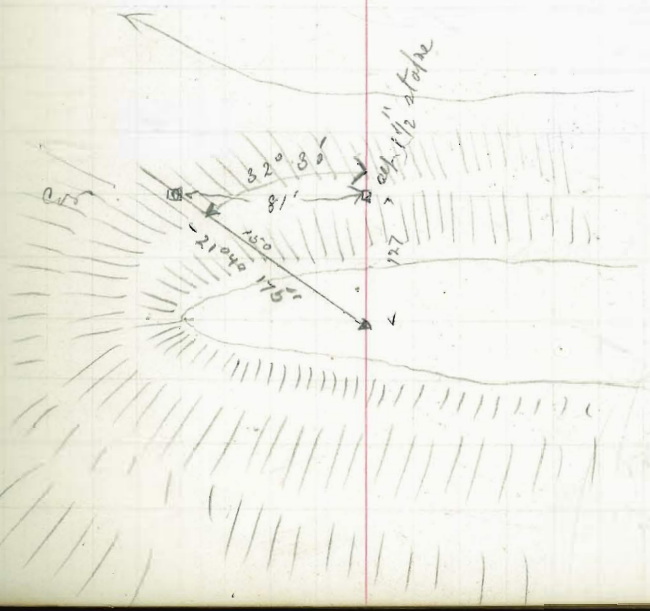
Sta	Hef	Course	Vert A	Rod	Dist
35					
34					
33					
32					
31					
30					
29					
+42			−1° 0′	8.92	893
28					
27	561°25′ W				
+40	90° 0′ W		+1° 30′	2.01	202
26					



Scall flat in bottom of canon

90
32 30
57 30

127
37 35
3 65 2



+ .62

38

+ 35

37

36

Se cor of blk 6' is at point of
hill flat bottom of canon terraced
on N line to 150' N of Ill St
top of hill at Ill St
Small canon 100' S of Dakota ave,
thence slight rise to

Levels over B. line for water pipe on Point Loma May 23 1892

Hamlin Level
Shaw Rod

Sta	+	HI	−	Elev
B.M.	5.8	204.1		198.3
0			3.3	200.8
1			10.0	194.1
2			7.1	197.0
3			4.7	199.4
4 #	8.00	208.3	3.8	200.3
5			6.1	202.2
6			3.0	205.3
#	12.4	220.1	0.6	207.7
7			9.2	210.9
8			6.0	214.1
9			2.9	217.2
+ 25	2.5	219.7	2.9	217.2
10			4.2	215.5
11			7.5	212.2
12			8.4	211.3
13			8.5	211.2
14			5.7	214.0
15			5.0	214.7

Sta 146

Sta	+	HD	−	Elev
15+25		219.7	6.2	213.5
16			8.4	211.3
17 #	2.00	209.6	12.1	207.6
18			6.1	203.5
19	0.3	188.0	11.9	197.7
20			4.8	193.2
21			8.8	189.2
#	1.0	187.4	10.6	186.4
22			2.5	184.9
23			7.0	180.4
24			9.8	177.6
25			6.4	181.0
26			7.2	180.2
#	1.2	177.0	11.0	175.8
27			7.0	170.0
#	0.7	165.7	12.0	165.0
28 #	0.1	153.3	12.5	153.2
29			8.3	145.0
#	0.6	142.0	11.9	141.7

Sta	+	HD	−	Elev
30		142.8	6.6	135.4
31 #	0.4	130.0	12.4	129.6
32			8.0	122.0
#	0.1	117.8	12.3	117.7
33			1.4	116.4
34			6.5	111.3
35 #	0.9	106.7	12.0	105.8
36			6.4	100.3
37 #	0.12	94.9	12.0	94.7
38			6.7	88.2
39			9.4	85.5
#	.018	84.1	11.6	83.3
40			4.4	79.7
41			7.9	76.2
42			9.7	74.4
#	7.5	80.4	11.2	72.9
43			10.0	70.4
60			12.0	68.4
44			9.3	71.1

Sta	+	HI	−	Elev	
		80.4			
#	10.9	90.8	0.5	79.5	
45			9.2	81.6	
#	10.9	101.5	6.2	90.6	
46			9.3	92.2	
47			1.4	100.1	
48 #	9.0	109.2	1.3	100.2	
49			9.5	99.7	
50			7.7	101.5	
51			5.9	103.3	
512			1.7	107.5	chip
Bm			0.6	108.6	108.3

Sta 90+15 on A line

2 171.2
173.3
43.9

Finishing stakes on 25th St bet E & F for Grading May 25th 1892 Hamlin Williams Shaw. 36

Street level across

Sta	+	HI	Grade	Rod	Elev	
B.M.	6.75	183.78			177.03	cop. tack top of fence post N.W. cor.
	5.21	186.10	2.89	180.89		
3+40			180.00			Center line of F St
0 ×			180.50	5.60 ✓	×	
+50			181.00	5.10 ✓		
1			181.50	4.60 ✓		
+50			182.00	4.10 ✓		
2			182.50	3.60 ✓		
+50			183.00	3.10 ✓		
3 ×			183.50	2.60 ✓	×	South line of E St
#	9.71	193.21		2.60	183.50	
B.M.				5.06	188.15	25th & C St.

D 184.79 S.E. s/k plug.

C 188.39 S.E. s/k Plug.

15/24

check levels over BM's 16 th & H to 25 th & G

Sta	+	HI	-	Elev		
B.M.	7.19	44.80		37.61		16 th & H St.
#	11.08	55.80	0.08	44.72		
#	11.48	66.36	0.92	54.88		
B.M. #	11.33	77.48	0.21	66.15		19 th & H S.W. of k tel
#	11.69	89.17	0.00	77.48		
B.M.			3.12	86.05	86.07	20 th & H S.W. E hinge hyd
#	11.78	100.40	0.55	88.62		
#	11.77	111.81	0.36	100.04		
#	11.21	122.06	0.96	110.85		
B.M.			3.88	118.18	118.20	22nd & H S.E. cap top of car Post
#	11.87	133.13	0.80	121.26		
#	11.56	143.82	0.87	132.26		
#	11.96	155.13	0.65	143.17		
#	11.93	166.73	0.33	154.80		
#	11.42	177.40	0.75	165.98		25 th & G.
B.M. #	8.73	185.83	0.30	177.10		
		180.50				
		5.33				

Finishing stakes on F St 300'

Sta	North Grade	North Rod	South Grade	South Rod
B.M.		(184.19)		
3	175.00	9.19	174.00	10.19
+50	175.92	8.27	175.00	9.19
4	176.83	7.36	176.00	8.19
+50	177.75	6.44	177.00	7.19
5	178.67	5.52	178.00	6.19
+50	179.58	4.61	179.00	5.19
6	180.50	3.69	180.0	4.19
#				
+50	180.50		180.0	
0	180.50	3.69	180.0	4.19

West of 25th St

+	H.I.	−	Elev
8.87	185.97		177.10

300' West of 25th St.

3.08	184.19	4.81	181.16

West line of 25th

1.11	180.84	4.46	179.73

Centre of 25th St.

			(172.23)
25th St E.		8.61	172.23

East line of 25th

Levels for S.H. car cut tracks on 5th St from W/ar to Wnio

Sta	+	HI	−	Elev	
B.M.	2.72	290.48		287.96	
0			4.97	285.71	
+50			6.70	283.98	
1			7.16	283.52	
+50			7.75	282.93	
2			8.45	282.23	
#					
+50	4.31	286.14	8.83	281.85	
3			4.67	281.49	
+50			5.23	280.93	
4			5.28	280.88	
+50			5.10	281.06	
5			5.02	281.14	
+50			5.23	280.93	
4			5.35	280.81	
+30			5.56	280.60	
B.M			5.93	280.23	280.19
0			6.67	279.49	
#					
0+50	0.72	277.30	9.58	276.58	
1			4.87	272.43	
+50					

5th & W/ar

North Line Ferry

Brooks

North Line Brooks

Botow gulch

Sta	+	HI	−	Elev	
		277.30			
#	3.51	270.29	10.52	266.78	
2			11.50	258.79	
#	11.42	280.84	0.87	269.42	
2+50			5.64	275.20	
3 #	9.84	267.25	3.43	277.41	
3+50			8.40	278.85	
4			7.87	279.38	
+50			6.86	280.39	
5			6.01	281.24	
+50			4.24	283.01	
± 6	6.78	292.14	1.89	285.36	
B.M.			6.06	286.08	286.07
6+30			5.29	286.85	
0			5.83	286.31	
+50			7.00	285.14	
1			6.82	285.32	
+50			6.81	285.33	
2			5.35	286.79	
+50			5.83	286.31	

T Thornton

North Line T Thornton

Sta	+	HI	−	Elev	
		292.14			
3			4.90	287.24	
#					
+50	6.47	293.98	4.63	287.51	
4			6.23	287.75	
+50			5.15	288.83	
5			5.20	288.78	
+50			5.02	288.96	
6			4.82	289.16	
4+30			4.02	289.96	
0			4.76	289.22	North Line Robison
+50			5.13	288.85	
#					
1	5.47	294.07	5.38	288.60	
+50			5.53	288.54	
2			5.22	288.85	
+50			5.29	288.78	
3			4.70	289.37	
+50			4.51	289.56	Old Rail Road Bed
+54			2.05	292.02	Top of bank
4			2.78	291.29	
4+16			2.95	291.12	
BM			4.11	289.96	289.99 University Ave

Water pipe line in P.L. 1208 Rrelim.

Sta	Dist	Vert	Diff of Level	Elev
38+71				185.7
30+26	845'	-3°45'	-55.3	241.0
29+42	84'	+1°50'	+2.7	238.3
18+84	1058	+4°28'	+82.6'	155.7
17+78	106	+8°16'	+15.4	140.3
Sta 8	978	+1°11'	+20.5	119.8
	6.21	+7°07'	+77.5	119.8
	898	+2°42'	+42.3	42.3

← to sea level

(work to get elev at Sta 8)

8
7
6
5
4
3
2
1
0

North

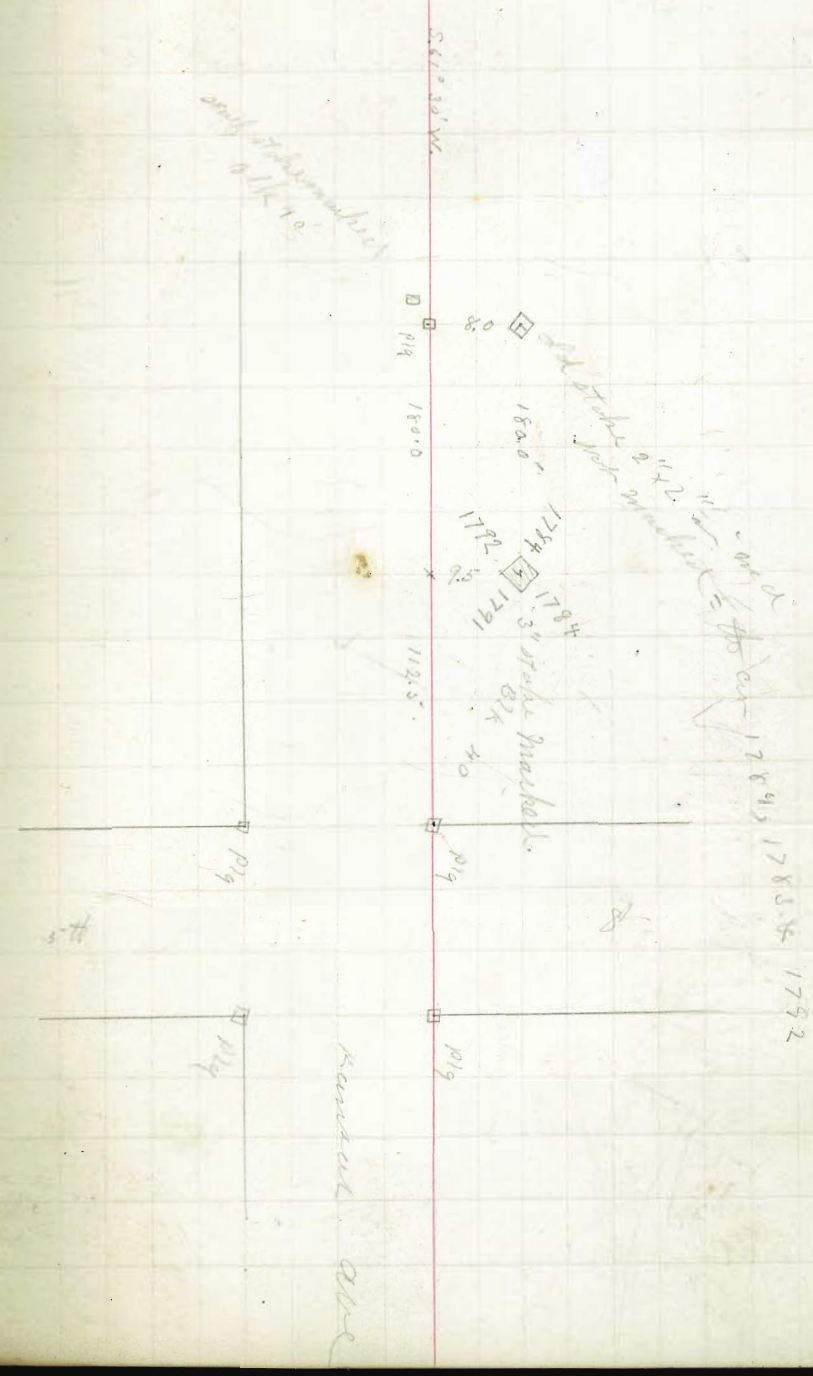
Sta 0 is a point in the center of a short unnamed st West of Bay St and on the North line of B.St.

Between sta's 30+26 and 38+71 there is a canon about 100' below sta 38+71. Estimated dist to mesa ahead on line 1200' - Elev 360, canon about 75' deep just beyond sta 38+71

Sketch showing connection of the [illegible] of 1784, 1791, & 1792 with cor of 5th & Kansas ave Pacific Beach

180	
112.5	
292.5	
500.0	= Blk 39
80.0	= Sixth St
500.0	= Blk 38
80.0	= 7th St
500.0	Blk 37
80.0	8th St
500.0	Blk 36
2532.5	
80.0	
2612.5	

2640
2612.5
27.5



Station	Course	Vert. Angle	Rod	Dist.
14				
11+80				
7+71				
6+60				
5+44.0				
0	N 67.45 W	+3° 10'		

Sta 0 is a plug at the N.W. cor of Loma Vista Hts

add all courses are magnetic

N 67° 45' W

wash 10' wide about 8' deep

◇ ply & witness marked 6+60

◇ stake marked S.E. 206

◇ Plg N.W. cor of Loma Vista Hts

N.W. cor of 206

North Easterly line of P.L. 201

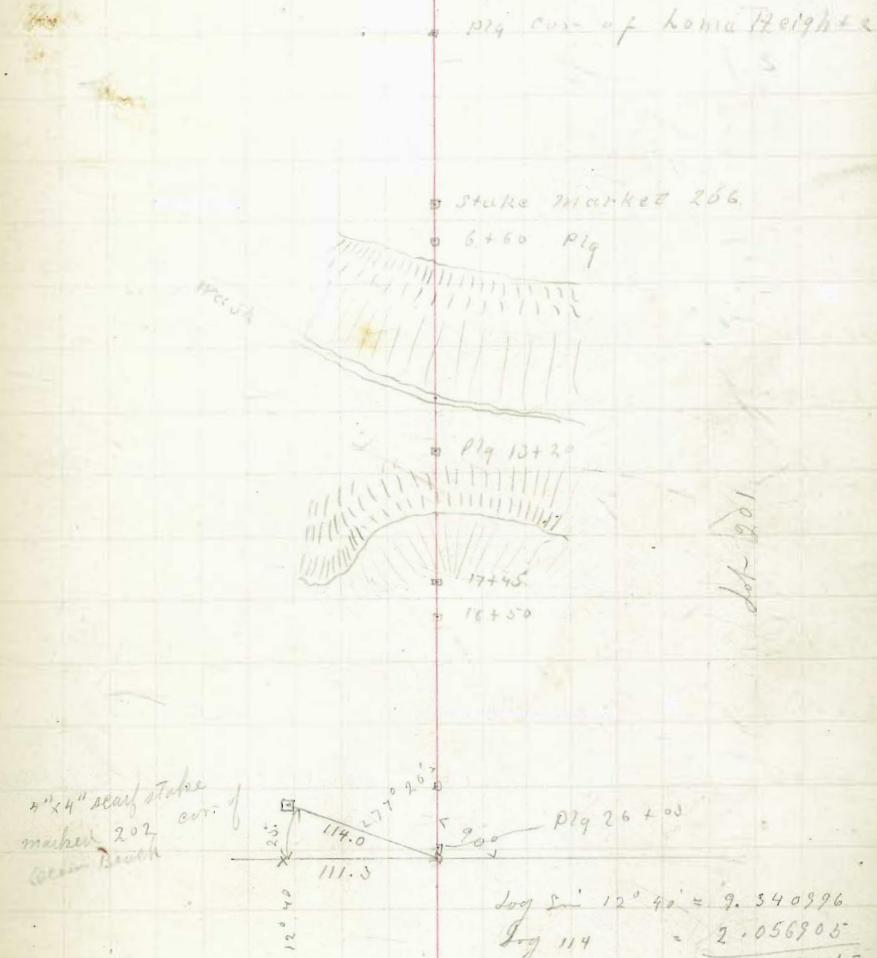
June 15 1892

Hamlin
Shaw
Hamlin
Van Hook

Stations

0	Begun at a plug at the Northerly cor of Loma Heights Ad B.S. along the N. Easterly Bound of said add to
	It and found magnetic bearing of said line N 67° 45' W thence 544.5 to a scarf stake
544.5	marked S.E. 206.
660.0	set plug and witness marked 6+60
7+71.	top of ridge abrupt slop ahead
1180	Bottom of canon wash 10' wide 6' deep
13+20	set plug & witness marked 13+20
1500	top of steep slope
17+45	set plg & witness marked 14+45 (114 206)
18+50	Line top of flat hill
18+67	Mound (?) on line white flat stake 2' north
2400	plug line
26+05	Easterly line of Ocean Beach
26+30 = 0	set plug

2030
1980
650



12° 40'
77 20
90 00

Log Sin 12° 40' = 9.340996
Log 114 = 2.056905
1.397901 =
(25.)

Log Cos 12° 40' = 9.989300
Log 114 = 2.056905
2.046205 =
111.3

North westerly line of 201

Station	Course	angle	Rod	Dist.
	Set up at a point on the North Easterly line (produced) of 201, 25' North westerly from the westerly cor of said 201			
	B.S. to Sta 2400 on line (Mag course S 22° 30' W)			
	turned 90° Rad as follows			
6+60	⊙ set stake & witness marked 6+60			
10+80	trail to ocean Beach			
13+20	⊙ flag & witness marked 13+20			
+72	scrub stake 17' to left not marked also foot of small hill			
14+50	⊙ line top of hill			
19+80				
25+42	4" scrub stake marked 202 10.5 left			
26+40	set stake marked cor 201 (26+40			
	turned 90° to left			

2640
2542
98

Southwesterly line of 201

Station	
0	Run along the southwesterly
	line of 201 S67° 30' E mag
6+60	stake marked 6+60
8	set line plug
13+20	" " "

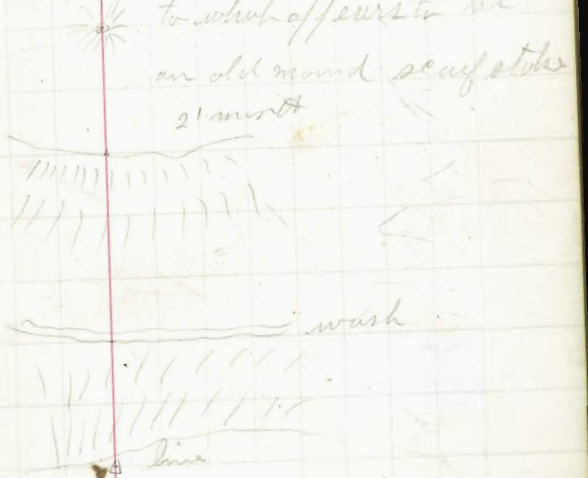
Station	Course	Angle	Rod	Dist

for Crespin & Jennings

Survey of the S.E. 1/4 of P.L. 206

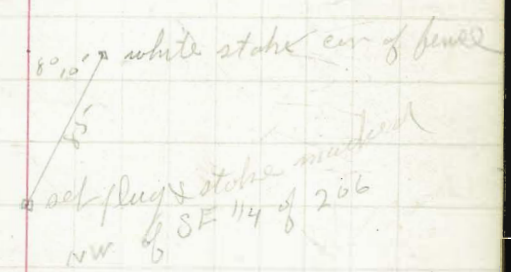
Sta	Bef	Course
600		
400		
200		
13+22 = 0	90° R.	
9+53		
635		
1+26.5		
0		

Sta 0 is the cor common to Pueblo lots 206, 207, 201, thence run N 67° 30' W Mag.
(all courses are Mag)



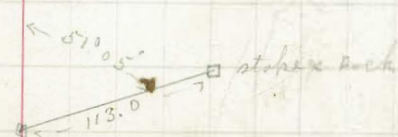
Sta	Bef	course	
6+60			
600 top of hill			
450			foot of hill
0	90° Rngts		
13+20 = 0			
9+43			
8+63			
6+60			

stake marked 10 A.



ocean beach ---------- RH

trail to ocean beach ----------



13+20

6+60

13+20 = 0

Stake S.E. 1/4 2nd

stake marked 10 ft

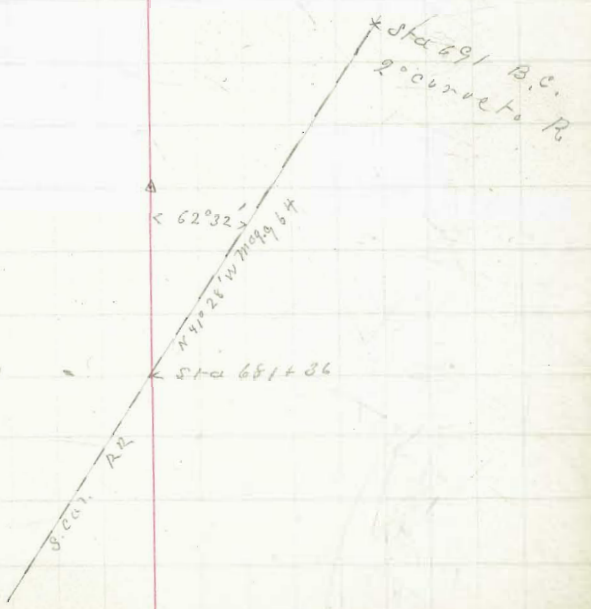
stake marked N.W. N.E. of S.E. 1/4 2nd

Station	Course	Vert Angle	Rod	Dist
14+53				
13+10'		0.0	1.42	143
5+74.6		-1° 40'	7.35	735.4
0	S 75° 30' W	-1° 30'	5.74	574.6

1310
143
1453

1449
1310
139

old mound (?) could not find stone

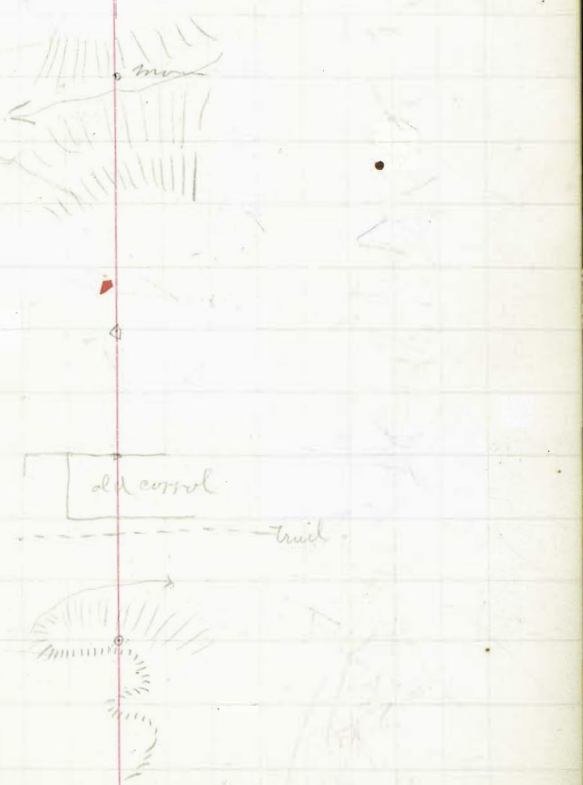


Line bet Pueblo lots A & B by Hassel

Sta	M.C. Course	vert angle	Rod	Hist
31+78.6				
27+98	355° 0' W	− 2° 0'	3.80	380.6
23+06		+2° 20'	4.92	491.0
6+55		0.0	16.50	165
5+60				
0	S 61° 0' W	− 3° 0'	6.56	655.0

Sta 0 is point which appears to be a mound with a stone buried, located from Topography shown on map with which it seems to agree perfectly

Map of Pueblo Farm (1788 Pascua) 53



Line bet Lots H & B Rose farm

Sta	M.C.	Vert Angle	Rod	Dist
31+96				
25+35	S 49° 50' E mag 184.5 to N.E. cor of 1 by house S 28° W " 224.5 to cor of stable			
22+45	N 60° 30' E	+2° 40'	8.52	851.3
11+98		0.0	10.46	1047
3+80.6		-2° 30'	8.18	817.4
0	N 60° 45' E	+1° 40'	3.80	380.6

2245
290
2535

851.3
561
290.

dist 1453 west of sta 681+36 on cal. S. R.R.

South line of 196

0

6 + 60

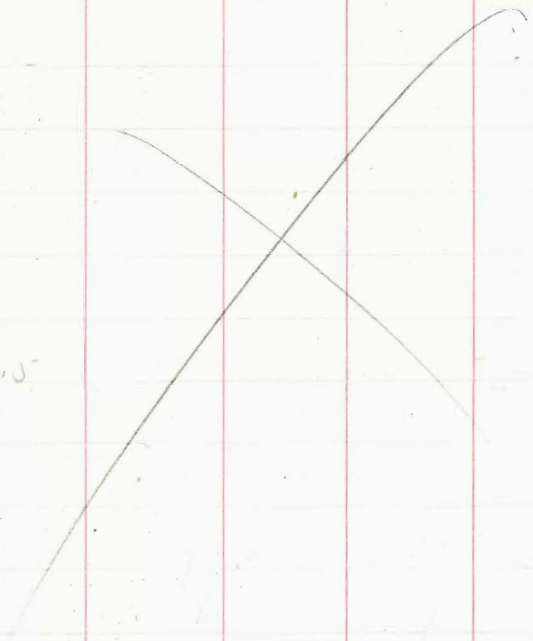
13 + 20

+ 31

14 + 42.5

19 + 80

25 + 76.6



116.3' to cor of
Alan Beach marker
2 195

Survey of South line of P.L. 196

25 + 76.6

19 + 80

14 + 42.5

13 + 31

13 + 20

660'

+14.5

0 (N 67° 45' W)

Sta 0 is a stake marked 191 on East & South marking on north split off All Bearings Mag.

June 23 1892

Hamlin transit
Shaw
Van Hook } chain
Hamlin Stake

900

Plg & witness marked 25 + 76.6 — 116.3 — 6" square scarf stake marked L195 — cor of Ocean Beach

offset 89.4 N — Plg & witness

stake marked

stake marked 196 on N
191 on South

offset 59.7 N — Plg & witness

offset 29.8 N — Plg & witness

water pipe

O.K.

Survey of East line of 196.

27+20

26+40

19+80

13+20

+60
11+20

8+10

6+60
6

3+50

0 N 22° 30' E

Begun at the S.E. cor of 196 B.S. along South line of 196 90°. L. Mc. N 22° 30' E

1730 192.7 S 66° 15' E 63.5

seal stake SW cor Lemo H.

57' N 67° 10' W 192.7 S 66° 15' E

Stake marked NW 197

Plug & witness

Plug & witness

Plug & witness

canon

Stake & witness

canon

North line of P.L. 196

2622
23.82
240

26 + 22

24 + 85

23 + 82

16 + 20 line

1320 to old 1½ cut marked 196 on S side 10' south of line

0 N 67° 10' W

Begun at a stake marked NW 197

stake marked 195
(12.5 N of line)

wash

16.5 to S.E. [illegible]

West Line of 196

26+46

25+25

19+80

1320

6+60

0 N22°35'W

Sta 0 is a stake marked 195 on NW, the cor of Ocean Beach

Cats for St Car Co on 5th St from North of Palm to North of Walnut

July 12 1892 Hamlin & Party

Sta	+	HI	−	Elev	Grade	Cut	
B.M.	6.42	283.66		277.24			5th & Palm
0 ×			6.67	276.99	276.75	+ 0.24	North line of Palm
1			6.20	277.46	277.33	+ 0.13 ✓	
2			5.16	278.50	277.92	+ 0.58 ✓	
3 ×			4.08	279.58	278.50	+ 1.08 ✓	South of Quince
B.M.			4.16	279.50			5th & Quince
0 ×			3.85	279.81	278.50	+ 1.31 ✓	North of Quince
1			3.40	280.26	278.83	+ 1.43 ✓	
2			2.85	280.81	279.17	+ 1.64 ✓	
3 # ×	4.95	286.11	2.50	281.16	279.50	+ 1.66 ✓	South of Redwood
B.M.			4.01	282.10			5th & Redwood
0 ×			4.69	281.42	279.50	+ 1.92 ✓	North of Redwood
1			4.79	281.32	279.83	+ 1.49 ✓	
2			4.58	281.53	280.17	+ 1.36 ✓	
3 ×			4.67	281.44	280.50	+ 0.94 ✓	South of Spruce
0 ×			5.38	280.73	280.50	+ 0.23 ✓	North of Spruce
1			5.78	280.33	280.92	− 0.59 ✓	
2 #	9.78	289.59	6.30	279.81	281.33	− 1.52 ✓	
3 ×			9.70	279.89	281.75	− 1.86 ✓	South line of Thorn

Sta	+	HI	−	Elev	Grade	cut	
B.M.		289.59	8.93	280.66			
0	X		8.94	280.65	282.25	− 1.60	North line of Thorne
1			7.20	282.39	283.33	− 0.94	
2			4.82	284.77	284.42	+ 0.35	
3	X		3.36	286.23	285.50	+ 0.73	South line of W/ar
B.M.			1.63	287.96			5th & W/ar
0	X		2.90	286.69	285.50	+ 1.19	North of W/ar
1			2.83	286.76	284.91	+ 1.85	
+70	X	X	2.45	286.74	284.50	+ 2.24	South line of Walnut
2+50 = C	X	X	3.97	285.62	284.00	+ 1.62	North " " "

Poles on Arctic St S.H. Elec St RY Aug 16 1897 Hamlin & Party.

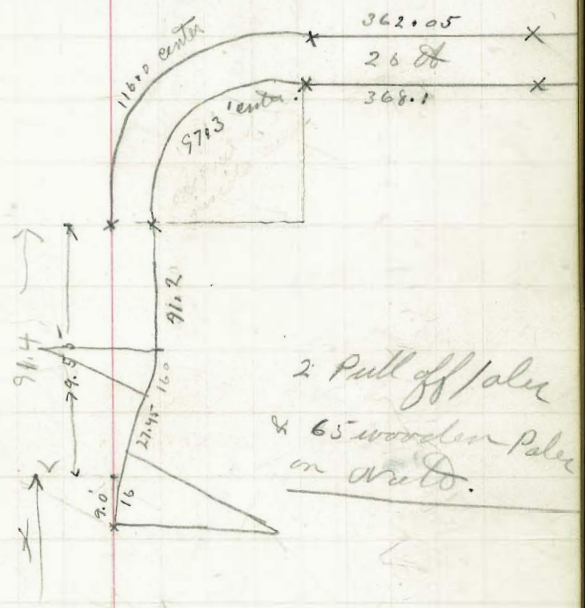
Sta	West Rod & Elev	West Grade	West Cut	East Rod & Elev	East Grade	East Cut	+	BS	−	Elev
			(7.75)				2.81	7.75		4.94
0		0.5			0.5		N Line of H St			
	7.60			7.47						
+ 18	0.15	0.65	5.5	0.28	0.7	5.6				
	6.40			5.70						
1+40	1.35	1.66	5.7	2.05	2.1	6.0				
	6.00			5.43						
2+60	1.75	2.66	5.1	2.32	3.5	4.8				
3		Gra 3.0			Gra 4.0		South line of G St.			
0		Gra 3.0			Gra 4.0		North " " " "			
	4.44			3.28						
+ 2	3.31	3.0	6.0	4.47	4.0	6.2				
	4.43			3.43						
1	3.32	3.8	5.5	4.32	4.5	5.8				
	3.23			3.20						
2	4.52	4.7	5.8	4.35	5.0	5.3				
	2.30			2.42						
3	5.45	5.5	6.0	5.33	5.5	5.8	South line of F St			
#			(11.88)				6.55	11.88	2.42	5.33
0		5.5		[illegible]	5.5		BM Arctic & F		4.34	7.54
	6.52			6.10						
+ 30	5.36	5.6	5.8	5.78	5.7	6.0				
	5.85			5.57						
1+34.8	6.03	6.2	5.8	6.31	6.6	5.7				
	5.31			5.43						
1+95.2	6.57	6.5	6.0	6.45	7.1	5.4				
	4.91			4.52						
3	6.97	7.0	6.0	7.36	7.5	5.8	South line of E St			
	5.27	6.61	4.7				Pull off pole 50' N of Arctic			
0		7.0			7.5		North line of E St			

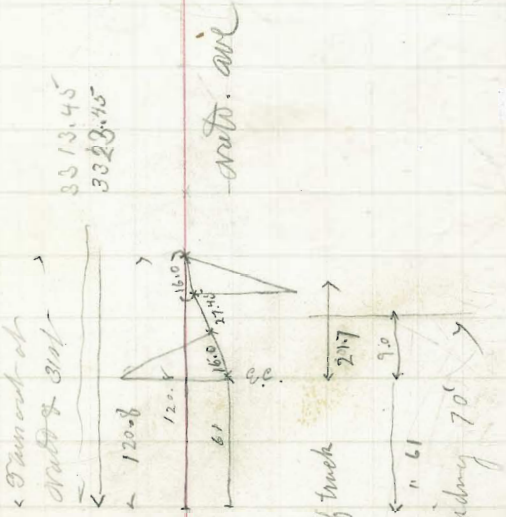
Sta	West Rod & Elev	Grade	cut (11.88)	East Rod & Elev	Grade	cut + 10 − Elev (11.88)
	3.71			3.36		
0+46	8.17	7.4	6.7	8.52	8.0	6.5
	3.08			2.40		
1+67	8.80	8.4	6.4	9.48	9.4	6.3
	2.57			0.90		
2+88	9.31	9.4	5.9	10.98	10.4	6.6
	2.46			1.04		
3	8.42	9.5	5.9	10.84	10.5	6.3

South line of 1881

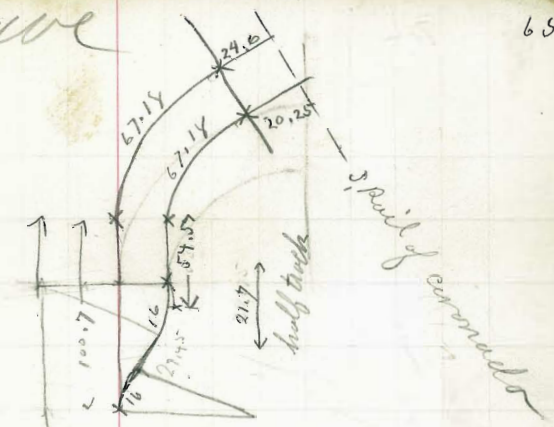
Natl & 26th St

2 Pull off Poles
9 Wooden Poles on 26th.





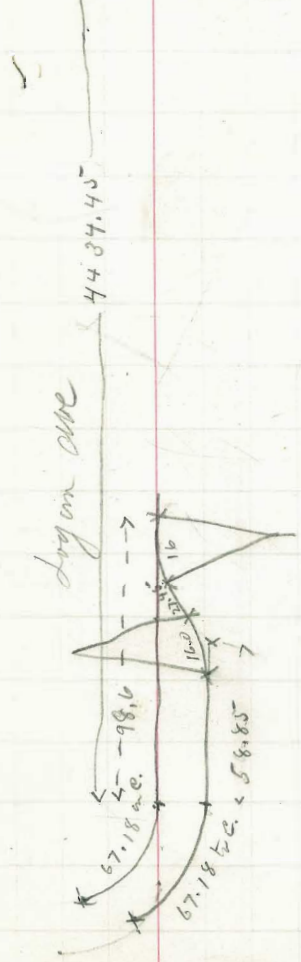
Logan Ave



79 Wooden Poles

1 Pulloff Pole

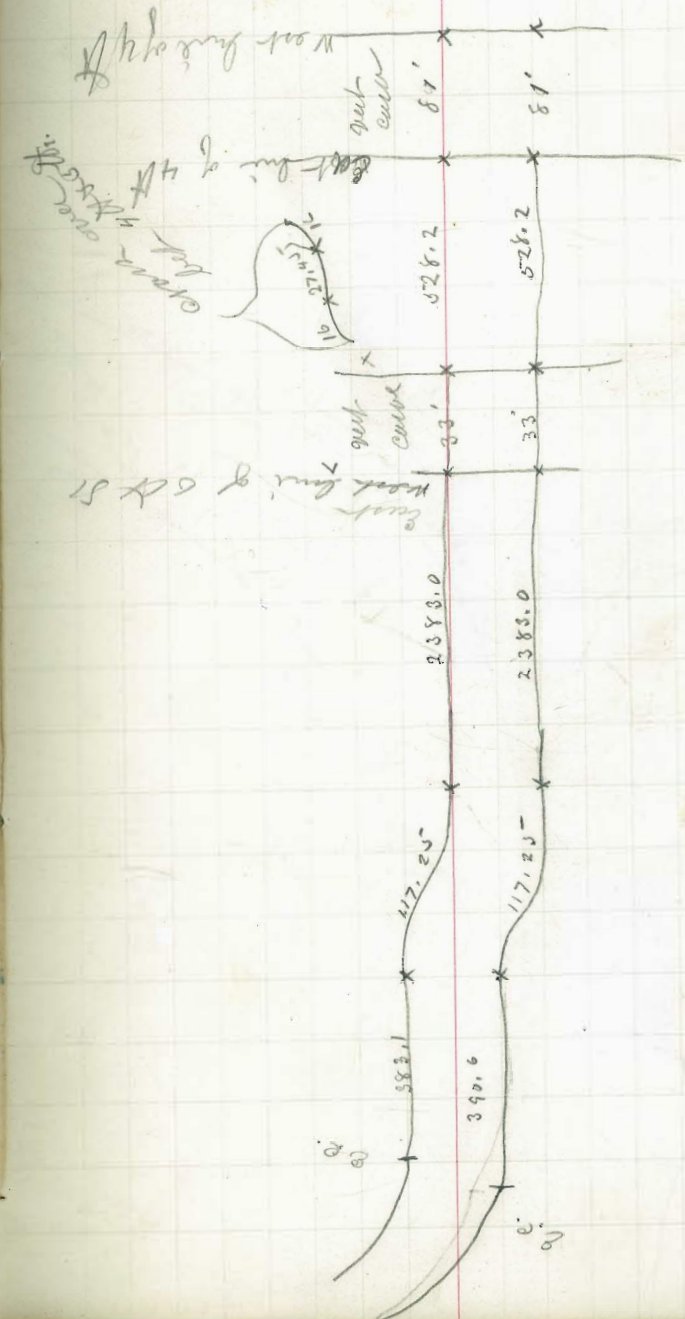
on Logan to NSL.



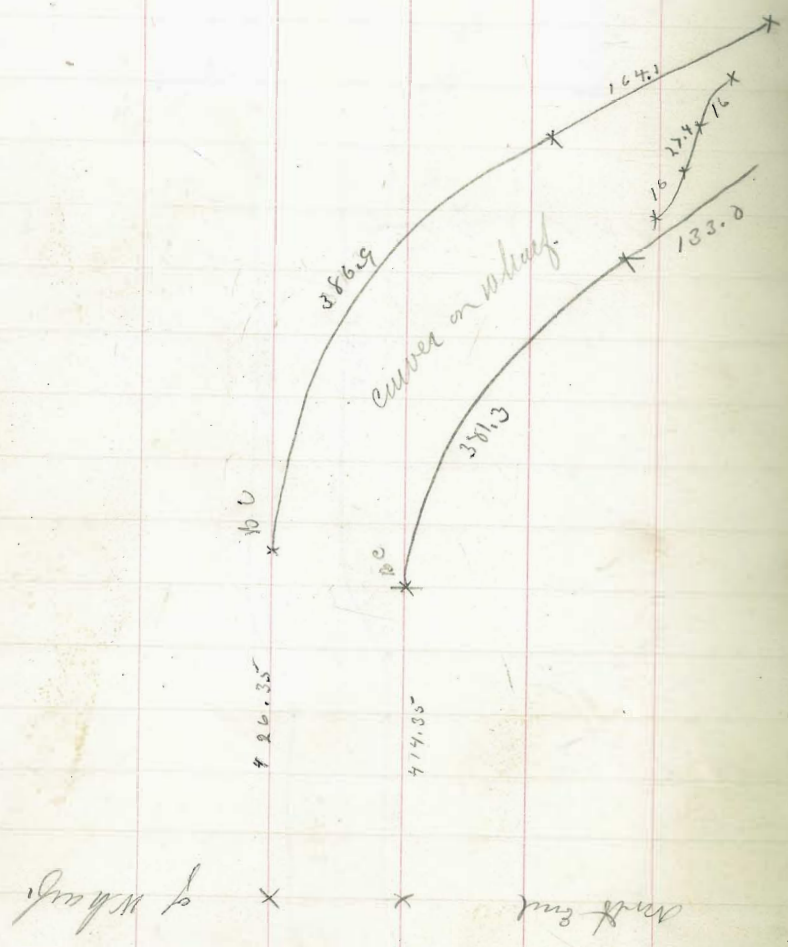
168th St

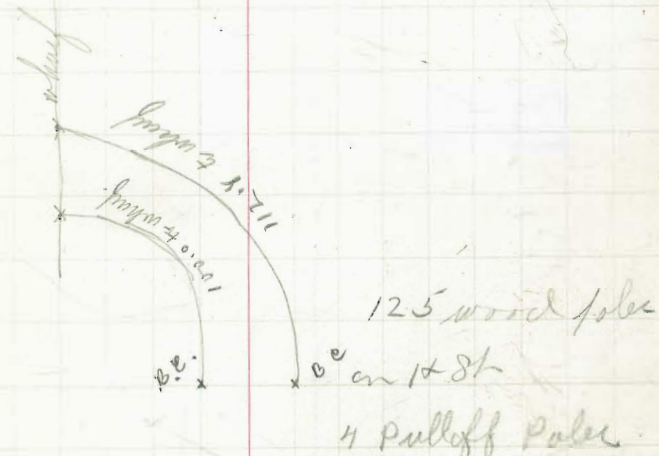
39 wooden
Pelicon
168th St

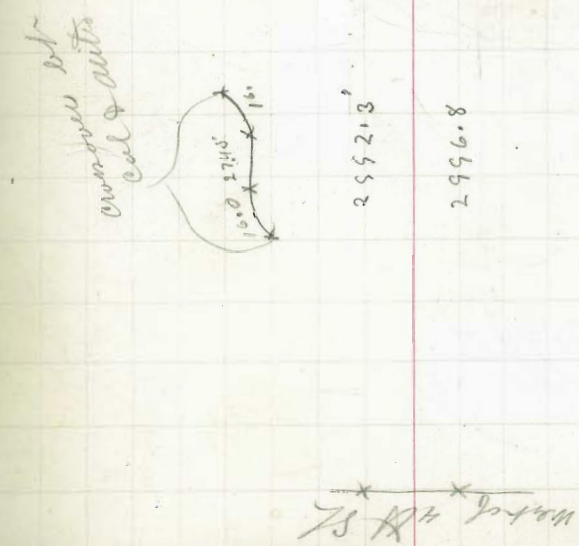
H Street.

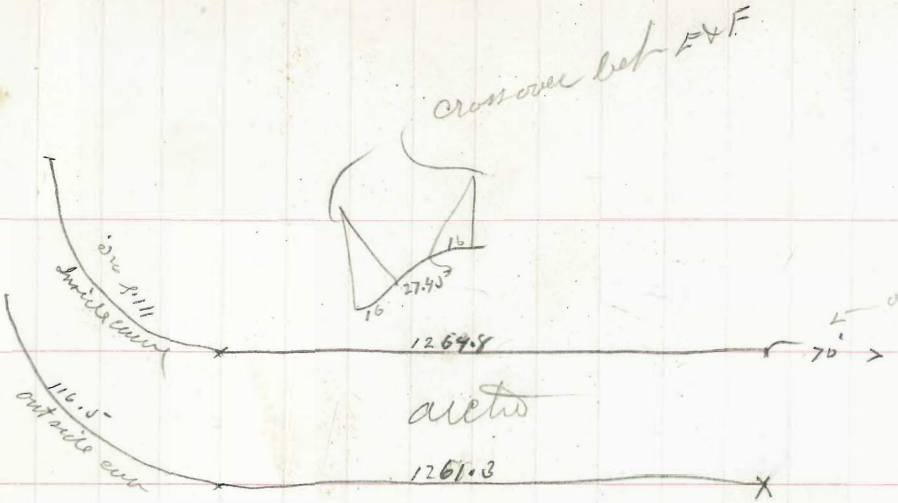

West line of 4th
East line of 4th
East
West line of 6th St
vert curve
vert curve
81'
81'
528.2
528.2
33'
33'
2383.0
2383.0
117.25
117.25
383.1
390.6
16
27.45

On Santa Fe Wharf.









On arctic Sp.

(curve on arctic R 100'. straight track 23.)

Track into carhouse
104.5 curve
23.5 tang.

82 poles in arctic

472

On B. St. 215 Laid.

5th St. L to B.

5th St B to Union

Crossover bet Palm & Quince

11037.5' from B to Union ave

5 Pulloff Poles

280 Wood Poles

Crossover bet Union & Robinson

Total number of Poles checked

Location	Wood	Wood in concrete	Iron
Natt ave.		65.0	2
26th	2	7.0	2
Logan.	2	77.0	1
16th	2	37.0	
H St	6	119.0	4
Arctic	2	30.0	
5th		280.0	5
	14.0	615.0	14

Feb 20th Capps

Survey of Wagon Road across flat to Roseville following Hamlin Survey

Stat	M.B	Def Angle
0+0	N68°W	
1+00		
50		
2+00		
50		
3+00		
4+00		
+16.7	S22°W	90°L
4+85		
5+00		
6+00		
+42		
7+00		
8+00		
9+00		
+18.4	S27°30'W	5°35'R
20+30	S42°45'W	15°15'R
41+98	N68°W	R69°5'

S 0+0 is Sheet Centre in Wetherby Sheet at at S W Cr Old Town

Thence N 68° W Mag to S 4+16.7

Bottom Ravine

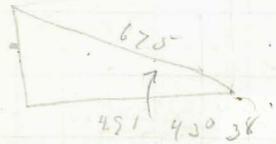
Old Tom Scott R.R

Sta	Course	Dist angle	Dist	Dist
			2729	
2	N 24° 0 W		10.72	10.73
1	N 3° 45' E	0 0	12.28	12.24

12.24

(N 25° 45' W)

Bearing	Dist	N	S	E	W
N 3° 45' E	1228	1227		80.5	
N 28° W	1072	945			502.0
		2172		80.5	502.0
					80.5
					421.5



Sta	course	Vert angle	Rod	Dist	
54+51.5'					
43+72		−13° 0'	11.36	1079.5	to R.R.
39+84		−19° 40'	4.37	3.88.0	
39+41		0.0	42	.43	
23+05.2		+2° 30'	16.36	16 36	
11+79.5		−2° 10'	11.26	1125.7	
5+30		+3° 0'	6.50	649.5	
0	N61°30'E	+2° 0'	5.29	5.30	

Sta 0 is the N.E. cor of acres on the west side of 1785; 0 is 1221' dist from the N.W. cor of 1785 all courses are Mag

650
580
1180

2640
1221
1419
1180
239

1419
2640
4059
3984
75

Begun at a point 18+67.2'
from cor of Loma Heights on
N Easterly line of 201 B Sta
Sta 13+20 Turnel 90° to Right

200 Line point

400 Line "

600 " "

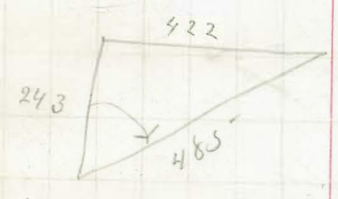
(N 29° 30' E ☐ 24° 25')
40° to R (28° 05')

0.0 672
933
1605
792
2397

Hip (S 75° W true course
(28° 30')

396
2
792

2640
2397
243



14.5 to [illegible]

N 29° 10' W

660 stake

1320 stake

1331 stake old

1442.5 stake

3° 15'

116.5

2306
452
2798

1320
1065
255

1651
655
2306

3201
2798
403

747' S 60° 30' W to moved

QC

180

Sta 13+72 scarf stake

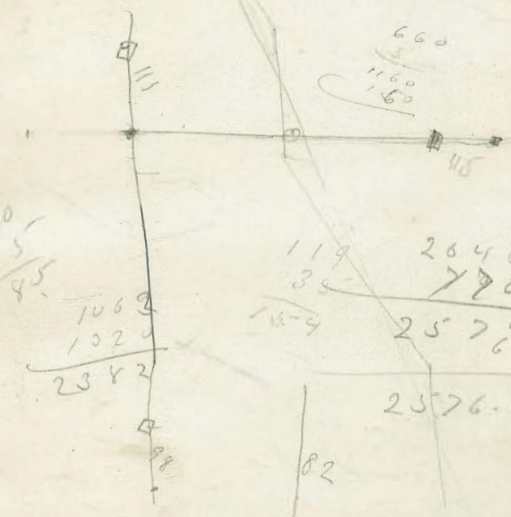
17' to left

116
90.6
15.4

marked

196 on North & 191 on south

old



660
3
1160
160

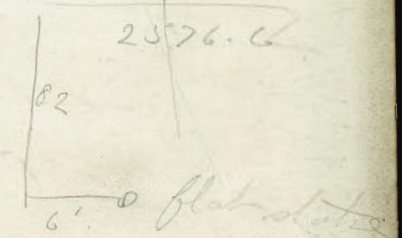
1320
1065
2385

1062
1320
2382

119
35
15.4

2640
770
2570
6.6

2576.6



1320 old ~~stake~~ move 6.3 N to stake

10 south of line cor of O.B.

(16+20 line)

10+65 — 16.5 N to 20.2

11+65 — Bank

1302 Stake 195 12.5 north

S 22 30' W

18+50

10+50

Return to City Engineers Office
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