2

LEVEL

F.B.17

17
Return to City Engineers Office
City Hall, San Diego, Cal.

MICROFILMED
DEC 2 1964

17
Return to City Engineers Office
City Hall, San Diego, Cal.

INDEX

Board of Education M.T. School	3 to 9 ~~3~~
S.H. St Car Co line for truck	10
S.H. Gas & Elec Light Co Must at 4th & Walnut.	11
South line of H.A.	14
S.H. Water Co. line to cemetery	15 - 46

X secs of Yard at Middle town School House

Mar. 23 1891

Sta	Rod	Elev	Sta	Rod	Elev	+	HO	−	Elev.
			(79.2)						Stats & Elev.
						9.18	79.23		70.05
A.0	7.2	72.0	A+20	6.0	73.2				
B.0	6.6	72.6	B+20	5.5	73.7				
C.0	6.3	72.9	C+20	4.6	74.6				
D.0	5.7	73.5	D+20	4.1	75.1				
E.0	5.3	73.9	E+20	3.7	75.5				
F	4.5	74.7	F+20	3.2	76.0				
G	4.2	75.0	G+20	3.0	76.2				
H	3.8	75.4	H+20	2.8	76.4				
I	3.4	75.8	I+20	2.4	76.8				
J	2.8	76.4	J+20	2.1	77.1				
K	2.6	76.6	K+20	1.4	77.8				

X Secs of Yard at Middletown School House.

			Sta	Rod	Elev		+	HI	−	Elev
			(79.20)							
A+40	5.3	73.9	A+60	4.7	74.5			79.23		
B+40	4.6	74.6	B+60	3.5	75.7					
C+40	3.7	75.5	C+55.3	2.8	76.4		Building,			
D+40	2.8	76.4		3.7	75.5		14' South to cor of Building, thence			
E+40	2.5	76.7		3.1	76.1		4.7 East to +60, (and 6.4 N B+60)			
F+40	2.0	77.2	D+40	2.8	76.4					
G+40	2.0	77.2		2.6	76.6	cor	Building 3.5 N. & 5.5 East of Sta D+40.			
H+40	1.9	77.3	D+55.3	2.3	76.9		7.6 East to cor in recess			
I+40	1.4	77.8	E+40	2.5	76.7					
J+40	1.2	78.0	E+45.5	2.2	77.0					
K+40	0.6	78.6	F+40	2.0	77.2					
			F+45.5	1.9	77.3		cor of Building			
#				(84.03)			6.50	84.03	1.70	77.53
				5.7	78.3		15.5 South G+60,			
				6.0	78.0		thence 5.4 West.			
				5.9	78.1		thence 3.7 South.		Step	
				5.1	78.9		thence 7.5 East			
				5.5	78.5		thence 3.7 North			
				4.95	79.08		top of S/ept			

X sect of Yard at Middletown School House

Sta	Rod	Elev	Sta	Rod	Elev
			(79.23) See page 3		
A+80	3.6	75.6			
B+80	2.7	76.5			
	2.3	76.9	6.4' north to Building from this Point 7.5' to cor of Building		
	2.2	77.0			
	2.7	76.5	7' from cor to angle in step		
	2.25	76.98	on lower front Step		
A.1	2.9				
	(84.03) See page 4				
G+60	5.7	78.3			
H+60	5.6	78.4			
I+60	5.3	78.7			
J+60	4.8	79.2			
K+60	4.5	79.5			
K+73.5	4.0	80.0			
	4.0	80.0			
	3.7	80.3			
J+80	4.0	80.0			
I+80	4.3	79.7			
H+80	4.5	79.5			
G+80	4.4	79.6			

Water closet.
thence South 15.5
thence 6.7' East
thence 4.4 South = J+80

X Secs of Yard at Middle School house

Sta	Rod	Elev	+	H I	−	Elev.
		84.03		84.03		
G+75.7	4.8	79.2	cor of Steps,			
F+75.7	4.7	79.3	thence 20' South to building			
#	87.45		6.16	87.45	2.74	81.29
G 1	6.9	80.6				
H 1	6.9	80.6				
I 1	6.9	80.6				
J 1	6.4	81.1				
	6.4	81.1	4.5 North to closet			
	5.30	82.2	4.5 N of Sta J 1+20 to closet, thence			
	5.2	82.3	8.8 to cor of closet.			
	4.3	83.2	thence 15.5 N to line K			
J 1+20	5.5	82.0				
I 1+20	6.1	81.4				
H 1+20	6.4	81.1				
G 1+20	6.4	81.1				
F 1+20	5.7	81.8				
	5.7	81.8	thence 4.0 West to cor of Step			
	5.7	81.8	thence 20' North to cor of Steps			
F 1+40	5.1	82.4				
	5.1	82.4	thence 1.3 west to Steps			
	5.6	81.9	Thence 9.0 North			Steps

X sect of Yard at Middle town School house

Sta	Rod	Elev	Sta	Rod	Elev	+	HI	−	Elev.
			(87.45)				87.45		
	5.8	81.7				thence 8.3 west		Step 2	
	5.6	81.9				thence South			
	5.27	82.18				top of Step			
G 1+40	5.7	81.8							
H 1+40	5.6	81.7							
I 1+40	5.3	82.2							
J 1+40	4.6	82.9	C 1+80	8.5	79.0				
K 1+40	3.8	83.7	D 1+80	7.5	80.0				
K 1+60	2.9	84.6	E 1+80	6.5	81.0				
J 1+60	3.8	83.7	F 1+80	5.8	81.7				
I 1+60	4.5	83.0	G 1+80	5.1	82.4				
H 1+60	5.0	82.5	H 1+80	4.4	83.1				
G 1+60	5.40	82.1	I 1+80	3.6	83.9				
F 1+60	5.9	81.6	J 1+80	2.8	84.7				
E 1+60	6.3	81.2	K 1+80	1.6	85.9				
D 1+60	7.5	80.0	K 1+95.7	1.5	86.0				
C 1+60	8.4	79.1	J 1+95.7	2.3	85.2				
B 1+60	9.9	77.6	I 1+95.7	3.1	84.4				
A 1+60	11.4	76.1	H 1+95.7	3.8	83.7				
A 1+80	11.2	76.3	G 1+95.7	4.7	82.8				
B 1+80	9.7	77.8	F 1+95.7	5.9	81.6				

Sta	Rod	Elev	Sta	Rod	Elev	+	HO	−	Elev
			87.5				87.45		
E1+95.7	6.9								
D1+95.7	7.9								
C1+95.7	8.7								
B1+95.7	9.9								
A1+95.7	11.2								
C1+42.7	8.4								
D1+42.7	7.3								
	7.3		3' north to cor thence						
	7.2		6.2 East to cor						
E1+49	6.1								
F1+49	5.6		cor of Building						
#			80.0			2.00	79.95	4.50	77.95
O.M. Elm & Winn								2.50	77.45
19.5 N. of									
A1+04.5	2.7					19			
B1+09	2.3					Bulding			
A1+20	4.5								
B1+20	2.6								
	1.9					N of B1+20			
	1.8					nce 4.7 West to curve			

	80.0			
A 1+40	4.2			
B 1+40	2.5			
	2.0			
	2.0			
	79.95			
	1.65	78.30	Sill	

9.5 N of B 1+40 thence
3.7' East to cor.
door 7.5 to centre from SE cor of
Building Sill has elev of 78.3

Line for track on 5th St from Juniper to Quince, for St Car Co.

Mar 31 1891

Hamlin transit
Hemsley } Chain
Williams
Oxton Stake

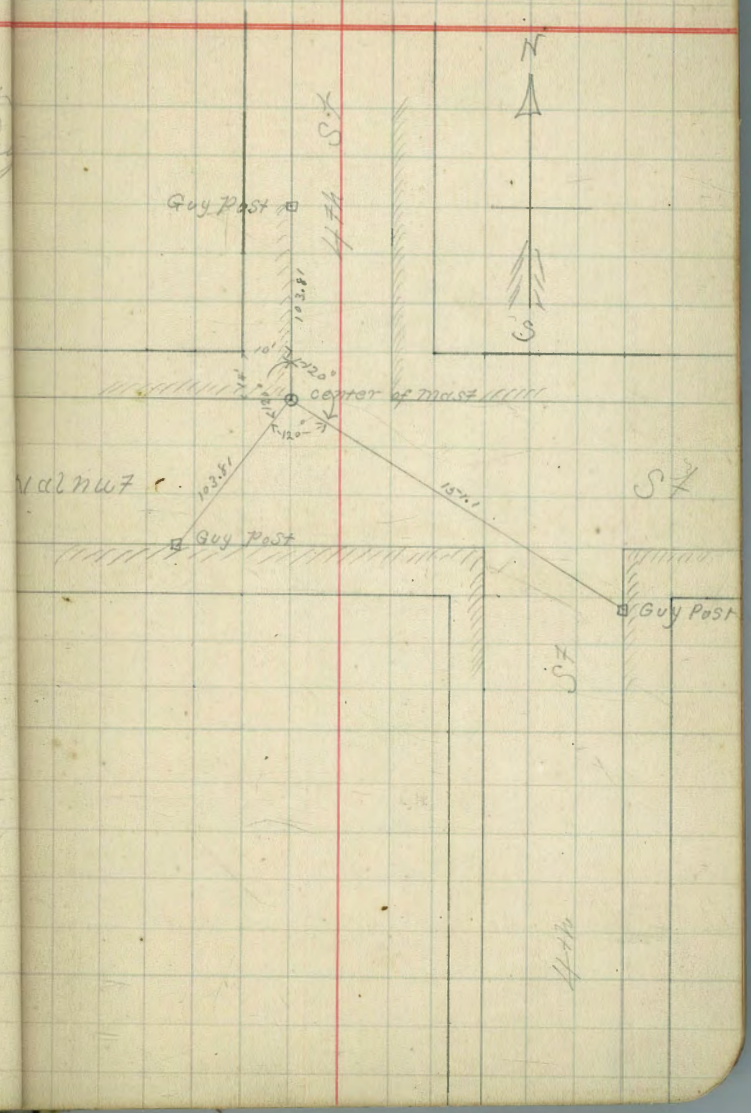
Sta	
3+80 = 0	North line of Laurel
+40	
3+02	2' North of South line of Laurel
+50	
2	
+50	
1	
+50	
3+80 = 0	North line of Kalmia
+40	
3	South line of Kalmia St
+50	
2	
+50	
1	
+50	
3+80 = 0	North line of Juniper St
+40	
3	South line of Juniper St

Center line of 5th St

Points for electric light mast for the S.L.G. Gas & Electric Ly Company

Monday May 18 1891

Hamlin
Allen
Williams
Hemsley



Measurements of cement walks laid
By Kelly in 6th St

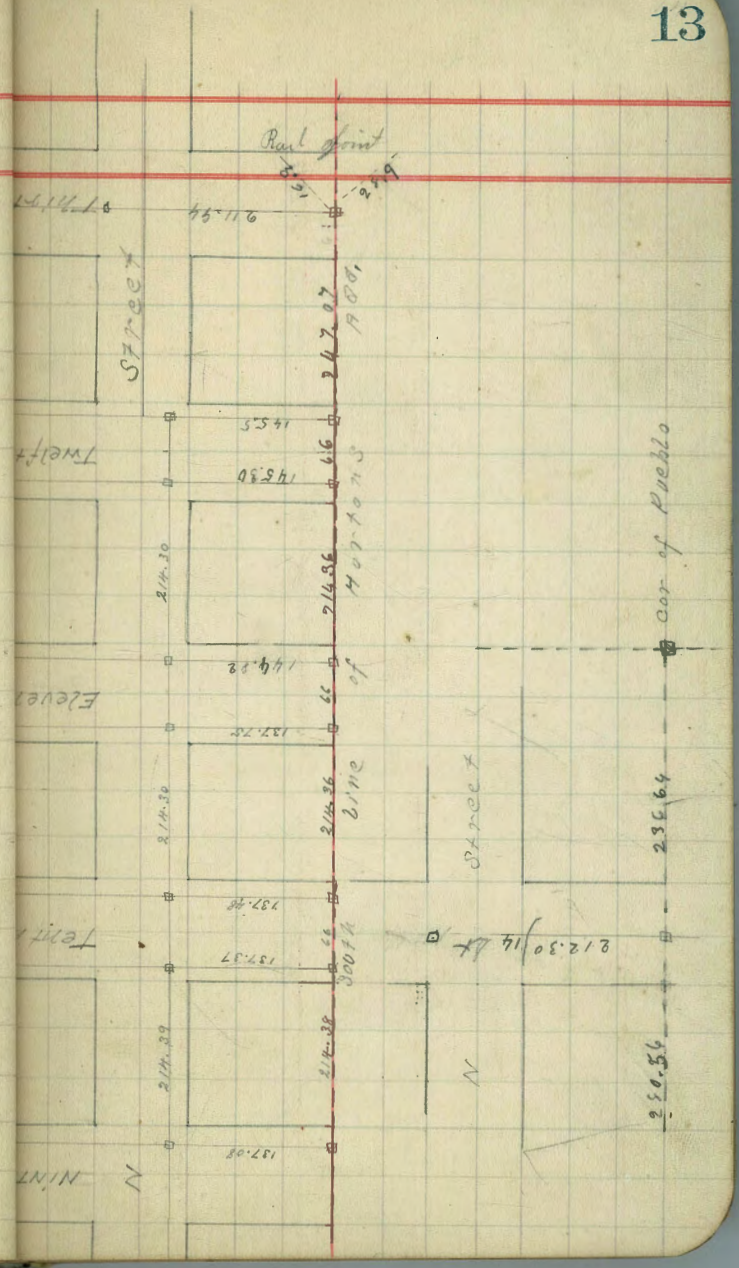
Lot L Blk 87 & N1/2 K Blk 87
Width 13.5'
Length 74.5'

Lot H N1/2
Width 13.5'
Length 25.1

N1/2 of Lot H. and 12' off S 1/2 Lot H
Width 13.5'
Length 37.0

Measurements along South
line of Hortons Add

Wednesday June 8 1891
Williams
Hensley
Eaton



Preliminary

June 5 - 1891

Pipe line to Cemetery

Sta	Angle	Course	M.C.
8			
7			
6			
+ 32	39° 41' L	~~N 89° 05' E~~ N 75° 25' E	
5			
4			
3			
2			
1			
0		351° 10' E S 65° E	

Begining at a point 10' South and 10' East the center of Grant Ave and South 26 St. Ran as follows Mag. Var (13° 50')

Preliminary

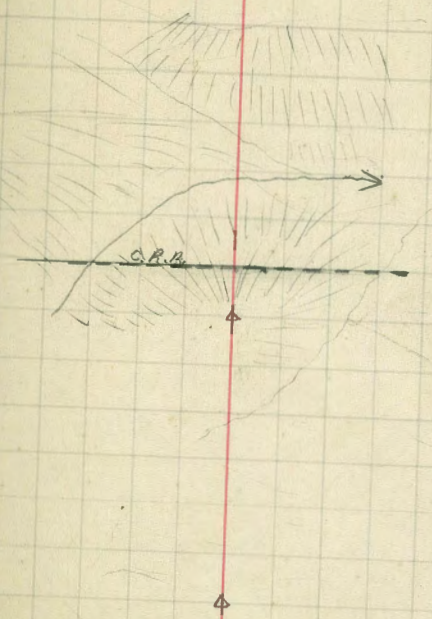
Pipe line to Cemetery

Sta	Angle	Course	M.C.				
19							
18							
+64							
17							
16							
15							
14							
13							
12							
11							
10							
9							

Preliminary

Pipe line to Cemetery

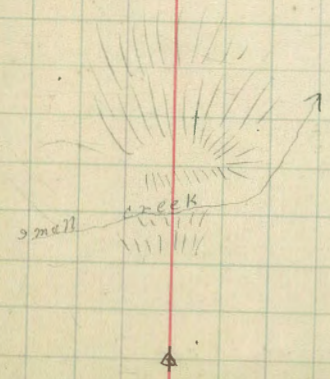
Sta	Angle	Course	M.C.		
29					
+25					
28					
27					
+77				bottom of creek	
26					
+86					
+60					
25					
24					
23					
+51					
22					
21					
20					



Preliminary

Pipe line to Cemetery

Sta	Angle	course	M. A.
41			
40			
	+25	East end of Bridge	
39			
38			
+87		West end of Bridge	
37			
36			
35			
34			
+00			
33			
32			
+50			
30			



Preliminary

Pipe line to Cemetery

Sta	Angle	Course	Br. C.		
52					
51					
50					
49					
48					
47					
46					
45					
44					
43					
42					

Preliminary

Pipe line to Cemetery

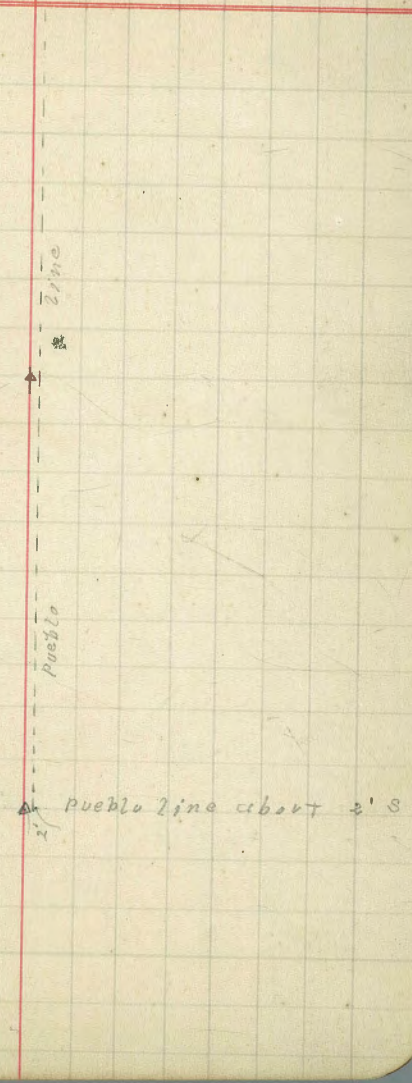
Sta	Angle	course	M.C.			
62						
61						
60						
59						
58						
57						
56						
55						
54						
53						
+41.3	90° 12' Left	N 1° 03' W	N 15° 0' W			

Point 19.3 South and 20' East of center of R & 85 ⅌ Sta.

Preliminary

Pipe line to cemetery

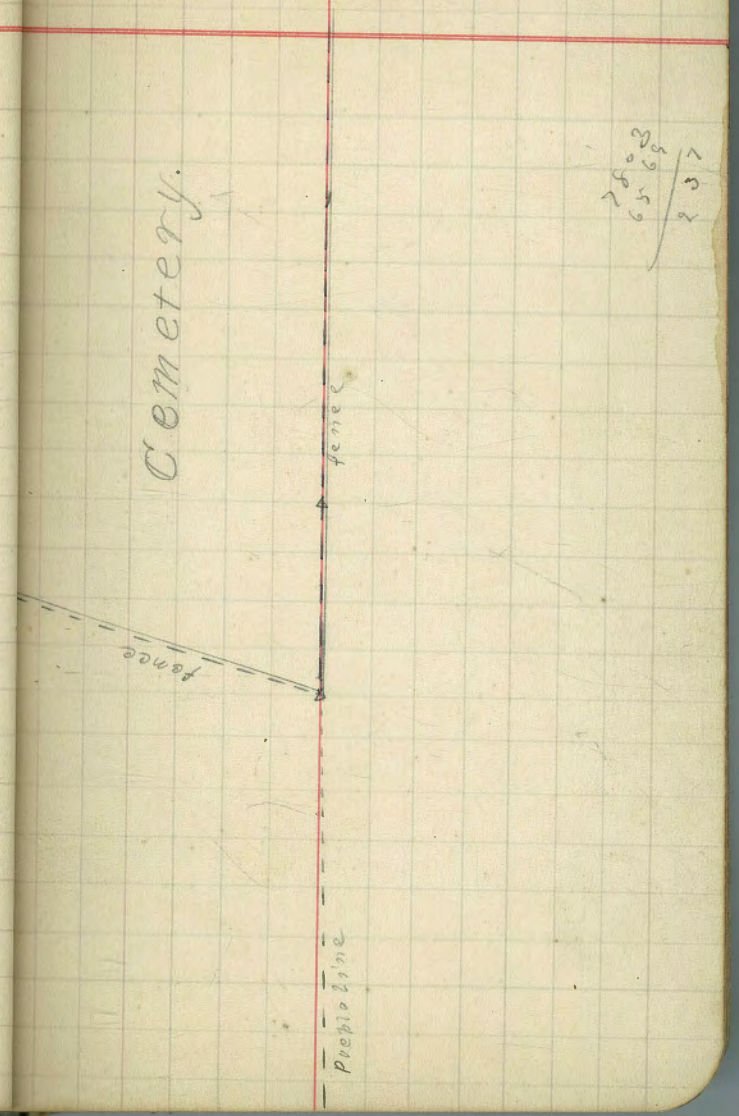
Sta	Angle	course	M.C.		
73					
72					
71					
70					
69					
68					
67					
66					
+69	90°45' R	N 89°42' E	N 75°40' E		
65					
64					
63					



Preliminary

Pipe line to Cemetery.

Sta	Angle	course	M.C.
84			
83			
82			
81			
80			
79			
78 +03	0° 17' L	N 89° 25' E	N 75° 25' E
77			
76			
75			
74			



78°03
65 69
237

Preliminary

Pipe line to Cemetery

Sta	Angle	course	M.C.			
+50						
89						
+13						
88						
87						
86						
85						

About the highest Point

East line 38th St

fence

Preliminary

June 6 1891

Hamlin Sevel
Hemsley Rod
Williams
Ostin

Sevels over pipe line to Cemetery

Sta	+	HI	-	Elev	B.M.
B.M.	1.35	96.72			95.37
B.M.			3.80		92.92
0			4.80	91.9	
+50			4.7	92.0	
1			6.1	90.6	
+50			7.6	89.1	
2			7.5	89.2	
+50			7.9	88.8	
3			8.0	88.7	
+50			7.7	89.0	
4			6.8	89.9	
+50			5.6	91.1	
5			5.0	91.7	
+52			5.5	91.2	
6			4.5	92.2	
+50			4.2	92.5	
7			5.40	91.3	
+50			4.2	92.5	
8 #	10.65	104.95	2.42	94.30	
+50			8.9	96.1	
9			7.1	97.9	

3 26 ℔ & Harrison
3 26 ℔ & Grant

Preliminary

Levels over Water pipe line to Cem

Sta	+	HI	−	Elev
+50		104.95	4.1	100.9
10			3.3	101.6
+50			3.7	101.2
11			5.1	99.8
+50			7.0	97.9
12			6.9	98.0
+50			7.0	97.9
13			7.1	97.8
+50			8.6	96.3
14 #	4.90	100.09	9.76	95.19
+50			4.8	95.3
15			4.3	95.8
+50			4.0	96.1
16			3.9	96.2
+50			4.1	96.0
17			3.6	96.5
+50			5.0	95.1
18			5.6	94.5
+50			7.9	92.2
19 #	0.78	90.13	10.74	89.35
B.M.			3.12	87.01

E. Cor 30th & R. Ave on Pkg.

Preliminary

Levels over Water pipe line to Cemetery

Sta	+	HI	−	Elev	
19+50		90.13	4.3	85.8	
20			7.5	82.6	
+50			9.9	80.2	
#	0.30	78.77	11.66	78.47	
21			2.6	76.2	
+50			6.0	72.8	
22			8.5	70.3	
+51#	0.28	67.57	11.48	67.29	
23			9.2	58.4	
#	1.03	56.83	11.77	55.80	
+50			2.7	54.1	
24			4.1	52.7	
+50			2.3	54.5	
25			0.7	56.1	
+50			2.2	54.6	
+75			5.0	51.8	
+78			10.4	46.4	
26 #	1.01	46.87	10.97	45.86	
B.M.			3.38	43.49	St & R S.E. cor on Scarf S Tube
+50			10.3	36.6	
+77			15.6	31.2	

Preliminary

Sevels over Water pipe line to Cemetery

Sta	+	HI	-	Elev.
27		46.87	10.4	36.5
+20			8.7	38.1
+43			9.9	37.0
+50			8.8	38.1
#	10.93	57.16	0.64	46.23
28			8.6	48.6
#	10.05	66.80	0.41	56.75
+35			8.6	58.2
+50			7.0	59.8
29			4.0	62.8
+50			0.7	66.1
#	5.43	71.58	0.65	66.15
30			3.1	68.5
+50			1.6	70.0
31			3.8	67.8
+50			9.3	62.3
32			15.5	56.1
+50			14.7	56.9
33			10.7	60.9
B.M.			5.44	66.14
+25			10.0	61.6

66.57
66.14
43

Preliminary

Levels over Pipe line to Cemetery

Sta	+	H.I.	−	Elev.	
		71.58			
#	0.98	60.96	11.60	59.98	
33+50			1.7	59.3	
34			8.1	52.9	
+50			12.4	48.5	on Fill dug Nat surface at 42.0 approx
#	0.07	49.44	11.59	49.37	
35			3.4	46.0	
+50			6.3	43.1	
36			9.6	39.8	
#	0.84	39.17	11.11	38.33	
+50			4.5	34.7	
37			8.6	30.6	
+20			10.2	29.0	
#	0.23	27.99	11.41	27.76	+A of B
+50			3.1	24.9	
+87			8.4	19.6	9.5 to creek Elev 10.1
38			8.4	"	13.0 " " " 6.6
+50			8.2	19.8	10.7 " " 9.1
39			8.2	19.8	10.2 " " 9.6
+25			9.2	18.8	9.4 " " 9.4
+50			11.2	16.8	
B.M.			6.09	21.90	on R Bridge East end of S railing cap tack
#	0.26	16.98	11.27	16.72	
~~B.M.~~					

Preliminary

Levels over Water pipe line to Cemetery

Sta	+	HI	−	Elev.	
40		16.98	4.0	13.0	
+50			3.5	13.5	
41			3.5	13.5	
+50			4.0	13.0	
42			4.5	12.5	
+50			4.4	12.6	
43			4.5	12.5	
+50			6.0	11.0	
44			3.7	13.3	
+50			3.5	13.5	
45			3.5	13.5	
+50			2.4	14.6	
#	11.39	26.99	1.38	15.60	
B.M.			9.17	17.82	Plg at cor S.E. 34 H & R
46			9.6	17.4	
+50			6.0	21.0	
47 #	10.29	36.05	1.23	25.76	
+50			3.9	32.1	
#	12.10	47.63	0.52	35.53	
48			9.0	38.6	
+50			5.1	42.5	

Preliminary

Levels over pipe line to cemetery

Sta	+	HI	−	Elev	
		47.63			
#	10.98	57.90	0.71	46.92	
49			8.3	49.6	
+50			0.2	57.7	
#	11.23	68.65	0.48	57.42	
50			5.3	63.4	
+50			1.8	66.9	
#	11.87	79.50	1.02	67.63	
51			9.1	70.4	
+50			6.5	73.0	
52			4.5	75.0	
+41.3			3.1	76.4	
B.M.			1.75	77.75	L.E. 35th & R. on Plug.
53			2.6	76.9	
+50			2.8	76.7	
54			3.2	76.3	
+50			4.5	75.0	
55			5.3	74.2	
+50			4.4	75.1	
56			5.2	74.3	
+50			6.2	73.3	
57 #	3.43	77.52	6.41	74.09	

Preliminary

Levels over Water pipe line to Cemetery

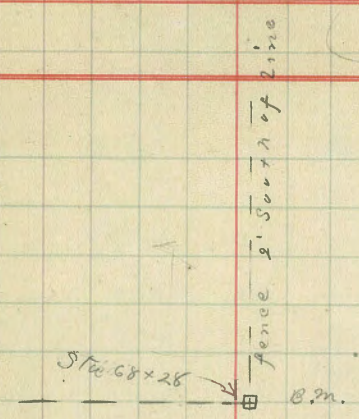
Sta	+	HI	−	Elev
57+50		77.52	2.9	74.6
58			2.6	74.9
+50			4.4	73.1
59			4.9	72.6
+50			4.8	72.7
60			5.2	72.3
+50			6.4	71.1
+90	Fence line			
61			4.3	73.2
+50			3.6	73.9
#	6.34	80.20	3.66	73.86
62			8.6	71.6
+50			10.0	70.2
63			8.7	71.5
+50			9.0	71.2
64			8.6	71.6
+50			8.5	71.7
65			7.4	72.8
+50			7.7	72.5
+69			6.8	73.4 +
66			5.4	74.4

cross fence at Sta 65+.67 thence run east 2' north of fence

Preliminary

Sewer over Water pipe line to Cemetery

Sta	+	BS	-	Elev
66				
+50		80.20	3.8	76.4
#	11.16	89.65	1.71	78.49
67			11.0	78.7
+50			8.6	81.1
68			5.8	83.9
+28	Fence line			
B.M.			3.25	86.40
+56			2.3	87.3
#	11.37	100.29	0.73	88.92
69			9.2	91.1
+50			4.3	96.0
#	5.38	104.54	1.13	99.16
70			3.6	100.9
+50			4.7	99.8
71			9.0	95.5
+50			13.0	91.5
+63			13.4	91.1
72			10.2	94.3
+50			7.4	97.1
73			5.7	98.8
+50			5.2	99.3



Spk in post at Sta 68+28

corner of fence

Preliminary

Levels over pipe line to cemetery

Sta	+	HI	-	Elev	
74		104.54	4.8	99.7	
+50			6.0	98.5	
75			5.6	98.9	
+50			6.5	98.0	
76			8.8	95.7	
+50			8.2	96.3	
77			6.5	98.0	
+50			5.6	98.9	
78			6.0	98.5	
B.M.#	6.36	105.23	5.67	98.97	Stk cor of cemetery fence
+50			6.4	98.8	
79			5.2	100.0	
+50			4.8	100.4	
80			3.5	101.7	
+50			7.4	97.8	
81			11.1	94.1	
+21			12.6	92.6	
+50			11.8	93.4	
82			9.4	95.8	
+50			8.6	96.6	
83 #	11.08	105.23	11.08	94.15	

Preliminary

Levels over pipe line to Cemetery

Sta	+	HI	−	Elev
83+50		105.28	10.8	95.4
84			7.5	97.7
+50			9.5	95.7
85			13.5	91.7
+50			10.9	94.3
86			10.6	94.6
+50			6.5	98.7
87			6.7	98.5
+50			3.6	101.6
#	11.15	116.04	0.34	104.89
88			9.4	106.6
+50			5.0	111.0
#	9.07	124.69	0.42	115.62
89			8.5	116.2
+50			6.0	118.7
B.M.			5.64	119.05
90			5.1	119.6
+50			4.7	120.0
91			4.8	119.9
+50			5.5	119.2
92			5.5	119.2

Preliminary

Levels on Pipe line to Cemetery

Sta	+	HO	−	Elev.	
92+50		124.69	4.5	120.2	
93			1.9	122.8	
#	6.32	129.73	1.26	123.41	
+50			3.4	124.3	
94			4.3	125.4	
+50			3.4	126.3	
+85			3.0	126.7	Highest point south side of R.R.
95			3.4	126.3	
+50			5.0	124.7	
96			6.3	123.4	
+50			6.4	123.6	
97			7.0	122.7	
+50			8.6	121.1	
98			10.5	119.2	
+17			10.6	119.1	S.E. cor of cemetery
B.M.			10.39	119.43	th S.E. cor of Cemetery on public line
			22.47	107.26	Concrete base of tank house
	10.22				
	12.25				
	22.47				

Preliminary line for Water June 8 1891
Pipe from 31 St & National to St & R St

Sta	Hf	course	M. C.			
9						
8						
+31				South line		
7						
6						
5						
4						
+49.0				South line of Olive St		
3 ⊙						
2						
1						
		N 0° 55' W	N. 14° 45' W.			
0 ⊙ Is a point 10' South & 10' East of the center of 31 St — St and Nat. Ave.						

Preliminary line for Water pipe from 31st & National to 1st & R St

Sta	Hef	Course	M.C.			
+02.5	89°58'R	N89°03'E	N75°25'E			
19						
18						
17						
16						
15						
+55				center of	S.H. & C.	R.R.
14						
13						
12						
+44 ⊙						
+11				South line of		
11						
10						

19 + 02.5 = 25 + 97.5 on R Street

Preliminary

Sta	+	H I	−	Elev	B.M.	
B.M.	8.61					31 St & Nat on Hydt
B.M.	5.68	81.04			75.36	31 St & Nat on cor of Whitneys Wall
0			7.9	73.1		10' South & 10' East of center of Nat
+50			6.7	74.3		& 31 Sts
1			5.5	75.5		
+50			4.5	76.5		
2			3.7	77.3		
+50			2.5	78.5		
3			2.8	78.2		
+49			4.3	76.7		South of Olive St
4			8.4	72.6		
#	0.89	73.52	8.41	72.63		
+29			2.0	71.5		North of Olive St
+50			4.0	69.5		
5			7.4	66.1		
+50			11.1	62.4		
#	0.20	61.79	11.93	61.59		
6			3.4	58.4		
+50			7.4	54.4		
#	0.56	50.32	12.03	49.76		
7			1.9	48.4		

Sta	+	HI	−	Elev	B.M.	
7+31		50.32	4.2	46.1		South line of P St
+50			6.7	43.6		
8			8.4	41.9		
+11			8.0	42.3		North line of P St
+25			8.1	42.2		
+30			14.0	36.3		Bottom of wash.
+36			6.9	43.4		
+50			6.4	43.9		
9			7.6	42.7		
+50			10.2	40.1		
10			12.5	37.8		
+50			13.0	37.3		
11 #	3.46	44.75	9.03	41.29	Use as B.M.	
+11			2.1	42.7		South line of
+50			0.4	44.4		
+86			2.7	42.1		
+91			0.4	44.4		North line of T St
12			2.2	42.4		
#	4.43	37.69	11.50	33.25		
+50			5.40	32.3		
13			12.4	25.3		

Sta	+	HI	−	Elev			
13+10		37.68	12.4	25.3			
+15			9.8	27.9			
+50			5.9	31.8			
14			1.9	35.8			
+42			0.2	37.5			West rail of S.B. & Coronada RR
+50			0.2	37.5			
#	8.03	45.16	0.55	37.13			
+68			7.2	38.0			East rail of S.B. & Coronada RR
+91			7.8	37.4			South line of
15			7.8	37.4	5' Left		38.7
+50			4.3	40.8			
+71			2.7	42.5			
16			1.7	43.5	8.5 "	4	41.1
+50			7.9	37.3			
17			10.4	34.8	8.5 "	2	42.4
+50			6.7	38.5			
18			0.1	45.1	9.0 "		
#	6.35	50.89	0.62	44.54			
+50			1.6	49.3			
19+025			4.6	46.3	9.0 "	29	48 0
B.M.			7.00	43.89	43.49		

B.M. 3 1 SL & R.

Sta	+	HI	−	Elev	

R St East of 35th St

Sta	+	HI	−	Elev
B M	2.66	80.41		77.75
53			3.0	77.4
+50			2.2	78.2
54			5.7	74.7
#	1.69	70.18	11.92	68.49
+50			3.9	66.3
55			15.0	55.2
+40			18.8	51.4
+50			18.5	51.7
56			13.9	56.3
+50			10.2	60.0
57			8.6	61.6
+50			6.7	63.5
58			3.4	66.8
+50			0.7	69.5
59			2.0	68.2
+50			5.6	64.6
#	1.48	61.30	10.36	59.82
60			2.0	59.3
+50			11.6	49.7
#	1.40	50.69	12.01	49.29

Sta	+	HI	−	Elev
61		50.69	5.6	45.1
+50			7.9	42.8
+90			12.7	38.0
62			10.3	40.4
+25			7.6	43.1
+50			3.0	47.7
#	10.70	60.55	0.84	49.85
63			8.6	52.0
+50			6.0	54.6
64			0.5	60.1
+50			1.2	59.4
65 #	11.83	72.23	0.15	60.40
+50			8.7	63.5
66			5.7	66.5
+50			4.5	67.7
67			1.6	70.6
+50			4.5	67.7
68			1.9	70.3
#	12.26	84.21	0.28	71.95
+50			6.8	77.4
69			2.4	81.8

Sta	+	HI	−	Elev.
		84.21		
#	9.10	93.10	0.21	84.00
+50			7.6	85.4
70			6.4	86.7
+50			9.1	84.0
71			10.4	82.7
+50			7.7	85.4
72			9.6	83.5
+25			11.5	81.6
+50			9.2	83.9
73			7.8	85.4
+50			3.5	89.6
74	11.58	104.64	0.04	93.06
+50			5.7	98.9
75 #	10.34	114.60	0.38	104.26
+50			7.9	106.7
76			8.4	106.2
+50			6.5	108.1
77			.51	109.5
+50			4.4	110.2
78			2.4	112.2
+20			2.1	112.5

Line on 38th St

Sta	+	HI	−	Elev.		
		114.60				
78+50			2.8	111.8		
B.M.			2.96	111.64		N.W. cor of 38th & R Ave. oak post
79			3.5	111.1		
+50			6.2	108.4		
80			8.2	106.4		
+50			10.9	103.7		
#	7.28	111.12	10.76	103.84		
81			10.6	100.5		
+50			11.8	99.3		
82			11.2	99.9		
+50			7.7	103.4		
83			4.7	106.4		
+50			3.0	108.1		
84			0.9	110.2		
+50			3.2	107.9		
85			7.0	104.1		
+50			9.0	102.1		
86			7.5	103.6		
+50			3.9	107.2		
#	11.93	122.90	0.15	110.97		

Sta	++	HI	-	Elev		
87		122.90	11.7	111.2		
+50			12.5	110.4		
88			11.5	111.4		
+50			10.8	112.1		
89			8.4	114.5		
+50			6.1	116.8		
90			4.4	118.5		
+50			4.5	118.4		
91			4.3	118.6		
+29			3.6	119.3		= 91+53 on line along cemetery fence.
#	6.44	124.99	4.35	118.55		Ht Sta 89+50.
B.M.			5.84	119.15		

Stu	+	20	-	Elu				

Sta	+	HO	−	Elev				

Sta	+	60	–	Elev.				

5th St. Track from South of Juniper
to North of Quince
1 2'x2' Box
6' Bank (wash)
South approach to Bridge (Cu
Univ Heights Standpipe 2'x3' Box
Fill 16'
near City Line - 4'x4' Box 16' Fa
300 East Bridge 18' Wash 20'x12'x10' (
Cut at Curve going into Wabash Carvin
washed in on North side
Wabash Ave Curve in cut; Track covered

B M 173.98 on Rlg on cemetery fence

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

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