

948

F.B. 948

LEVEL BOOK.

No. 410

IND

1196
150

MICROFILMED

DEC 16 1964

See page 48

32
63
95

76
47
59

Prel. Seiver

Nov. 14/14

Hebels
Allen
Bunker

Cullen's Westland
Terrace.

Hillside Street (center)
to about 50' so. of Laurel at

from 126' no. of Juniper
East.

2

Sta.		H.I.	Rod	Elev.
0+00	M.H. 126' no.	205.17	12.52	192.65
+33	9' juniper bottom of canyon		14.4	190.8
+50	↓		13.1	192.1
+71			6.2	199.0
J.P.	12.94	<u>217.76</u>	0.35	204.82
+100			12.2	205.6
J.P.	13.12	<u>230.40</u>	0.48	217.28
+150			10.9	219.5
+200			1.7	228.7
J.P.	12.65	<u>242.55</u>	0.50	227.70
+250			8.6	234.0
+300			0.2	242.4
J.P.	13.05	<u>255.36</u>	0.24	242.31
+350			3.4	252.0
J.P.	11.86	<u>266.36</u>	0.86	254.50
+400			6.6	259.8
+50			0.4	266.0
J.P.	6.17	<u>272.41</u>	0.12	266.24
+75	J.S. h.s.		2.70	269.66

Sheet 19

Hillside Street from 25'
to Sta. 3+50 So. of Juniper

So. of Juniper on East

Stas	H.I.	Rod Elev.
0+00 hub dead end	208.28	205.76
+50 25' So. of Juniper		198.3
1+00 ✓		197.1
+38		205.7
+50		203.1
2+00		198.8
+25 m.H. low point		196.20
+50		196.3
3+00		200.5
+50 dead end. about 55.7 from no. hub.		203.7

Sheet 19

Cross line from lot line 100' East (Sta 7+75) to.
 Sta. 2+25 on center Hillside street

4

Sta		H.I.	Rod Elev.
0+00	71°48'18" bearing north 18345 on lot line East of Gregory M.H. Sta 7+75	7.78	175.67
+47	on lot line 100' east of Gregory.	9.7	173.8
+50		6.7	176.8
+57		3.3	180.1
1+00		5.3	191.0
+128	M.H. Sta 2+25 on Hillside st.	0.06	196.20

Sheet 19

Canyon line from sta 11+00 on lot line 100' East of
 Gregory, to sta 7+84 near Laurel

5

Sta	H.I.	Rod Elev.	Sta.	H.I.	Rod Elev.
0+00	29°34'R line 100' east Gregory M.H. Sta 11+00 on lot line 100' east of Gregory	9.30 185.67	4+00	203.76	4.8 199.0
+35		11.1 183.7	+06		5.8 198.0
+50		10.5 184.5	+50		2.0 201.8
1+00		7.1 187.7	J.P. 5+00	11.71 214.26	1.21 202.55 9.6 204.7
+50		6.1 188.9	+50		9.3 205.0
+67		7.3 187.7	+69		10.6 203.7
2+00		2.3 192.2	6+00		7.5 206.8
+01.9	1°32'R M.H. Sta. 0+00 on Hill ident.	2.32 192.65	+12	35°46'L M.H. Junction of Chemist to east.	7.03 207.23
+24		13.2 190.6	+50		5.0 209.3
+50		10.0 193.8	7+00		4.6 209.7
+75		9.0 194.8	+11		5.1 209.2
+79		10.6 193.2	J.P. +50	11.21 225.24	0.23 214.03 14.4 210.8
3+00		9.6 194.2	+71		13.8 211.4
+40	10°55'R M.H.	7.20 196.6	+84	85°32'R M.H. Junction of canyon to east	11.6 213.6
+50		7.2 196.6	8+00		11.3 213.9
+57		7.9 195.9	+28		9.2 216.0
+92		4.7 199.1	+53	M.H. Center alley Sta. 2+50	3.18 222.06

Sheet 19

alley line bet. Hillside St. & Commercial Ave.
 north of purple fence 43' north of so. end of alley to sta 2+65

6

Sta		Ht.	Rod	Clev.
0+00	M.H. 43' north of south end of alley bet. Hillside & Commercial	226.66	8.06	218.6
+12			12.1	214.6
J.P.		12.84	1.05	225.61
+50		238.45	13.8	224.7
+90			2.1	236.4
1+00			1.0	237.5
+15	dead end south		0.9	237.6
J.P.		5.71	0.32	238.13
+95	hub dead end north	243.84	6.45	237.4
2+00			6.8	237.0
+50	M.H. bottom of canyon	225.24	3.19	222.1
+61			5.9	219.3
+65	dead end.		4.3	220.9

Sheet 19

camp line from Sta 6+12
to east. to sta.

on main canyon line

Sta		HI	Rock	Elev.
0+00	87°57' R back sight down canyon mt. sta. 6+12	214.26	7.03	207.2
+24	on canyon line		9.1	205.2
+44	↓		6.6	207.7
+50			5.7	208.6
J.P. 1+00	12.87	226.66	0.47	213.79
			11.2	215.5
+254	26°51' L mt. central valley		8.06	218.6
+50	bet. Hillside + commonwealth sta 0+00		7.5	219.2
+63			8.5	218.2
2+00			2.0	224.7
J.P. +50	12.64	239.07	0.23	226.43
			7.9	231.2
+75			9.3	229.5
3+00	22°47' R mt.		6.15	232.9
J.P. +50	13.01	251.76	0.32	238.75
			9.3	242.5
+76			5.9	245.7
+78			1.2	250.6
J.P. +85	4.91	253.51	1.16	250.60
	dead end line.		2.91	252.6

Sheet 19

Juniper street from 210' East Commonwealth

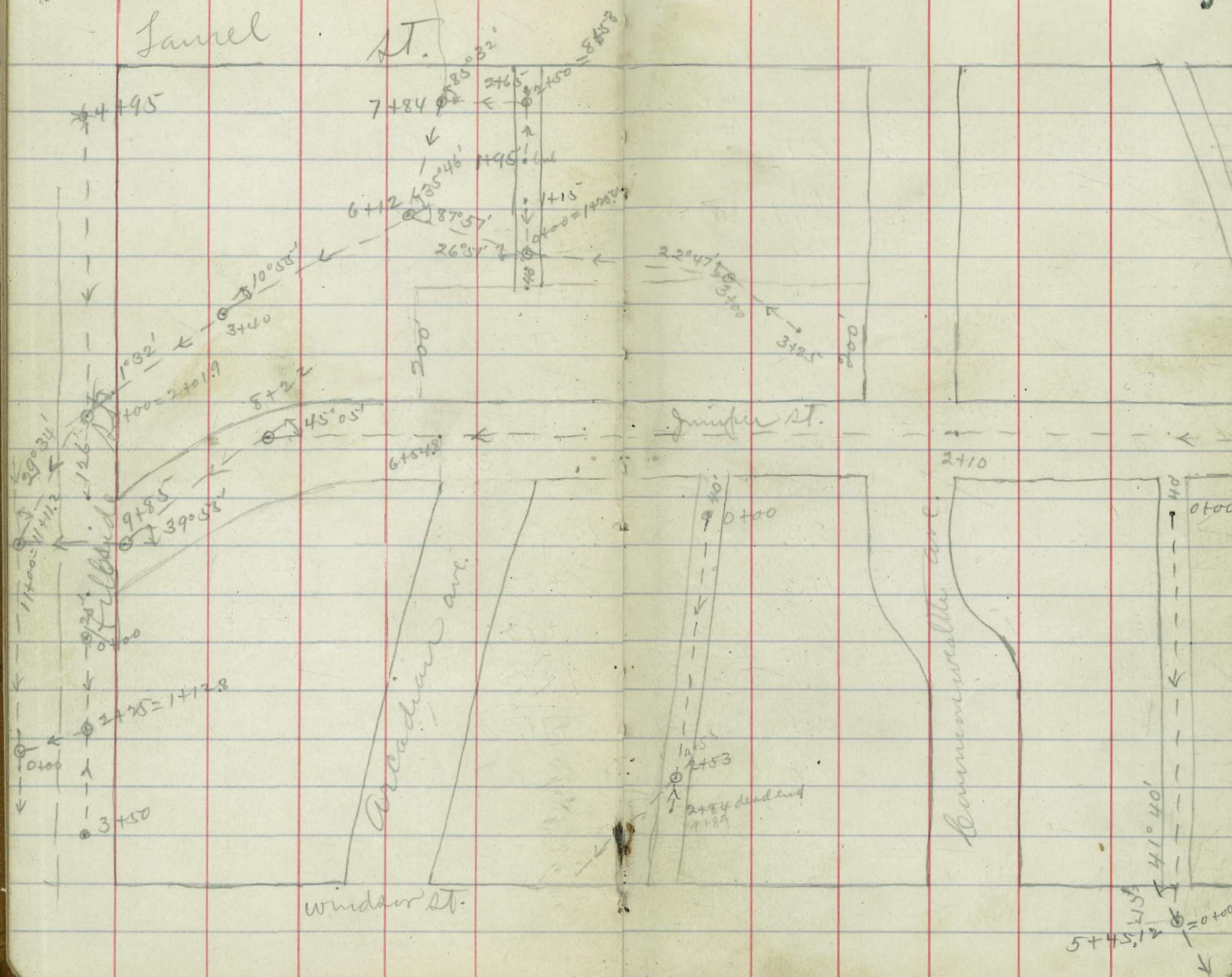
to bottom of canyon Sta. 11+00 on lot line East of Gregory.

Sta.	H.T.	Rod Elev.	Sta.	H.T.	Rod Elev.
0+00	not less than 3' deep 275.50 hub. Sta. 210' east of Commonwealth	4.71 270.79	7+00	256.87	7.1 249.8
+50		2.4 273.1	+50	244.29	0.9 243.4
1+00		2.9 272.6	8+00		7.7 236.6
+50		4.9 270.6	+22	45° 05' L M.H. in Juniper	10.67 233.62
2+00		6.9 268.6	+50	231.65	2.3 229.4
+10	East line of Commonwealth	7.1 268.4	9+00		10.3 221.4
+50		7.6 267.9	+50	219.80	6.0 213.8
3+00	268.05	0.3 267.8	+85	39° 55' R M.H. in Juniper	10.18 209.62
+50		1.4 266.7	10+00	208.28	5.0 203.3
4+00		3.3 264.8	+50	195.67	4.2 191.5
+50		5.4 262.7	+93	195.67	12.0 183.7
5+00		6.0 262.1	11+00		10.9 184.8
+50		7.0 261.1	+11.2	M.H. Sta 11+00 on lot line 100' East of Gregory.	10.00 185.67
6+00		8.4 259.7			
+25		9.6 258.5			
+50		1.2 255.7			
+54.8	even with west Chase of arcadium	1.9 255.0			

Sheet 20

Lancel ST.

ST.



Broadway ave.

Window ST.

Juniper ST.

Cannonwell ave.

5+45.12

2+45 dead end

2710

0+00

40

0+00

2+53

1+55

4+195

7+84

6+112

9+55

2+45

3+50

8032

2+65

2+50

1+15

1+15

22°47'

3+25

3+40

1°32'

2+01.9

5+22

45°05'

6+54.8

39°34'

126'

11412

39°55'

11400

11412

2+25 = 1+12.8

0+00

2+24

1+29

2+53

1+55

41°40'

5+45.12

0+00

alley line bet. Commonwealth ave. & Arcadian St.

10

40' 50" from Juniper South to Sta. 4+84

Sta.	H.I.	Rod	Elev.	Sta	H.I.	Rod	Elev.
0+00	0.13	261.71	261.58	4+53	216.14	10.22	205.92
		4.49	257.22				
+50		11.0	250.7	+68		11.8	204.3
J.P.		12.94	248.77				
1+00	-0.01	248.76	248.77	+84		7.2	208.9
		4.7	244.1				
+35		9.3	239.5				
+50		15.0	233.8				
+68		16.7	232.1				
J.P.	0.74	236.76	236.02				
2+00		3.1	233.7				
+27		6.3	230.5				
+50		6.3	230.5				
+82		11.2	225.6				
3+00		10.0	226.8				
J.P.	0.67	224.37	223.70				
+42		2.7	221.7				
+50		2.7	221.7				
+83		8.0	216.4				
4+00		8.3	216.1				
J.P.	3.86	216.14	212.28				
+36		14.9	201.2				
+50		10.5	206.6				

Sheet 19

506
21
577
584
93
00
33

alley line bet. Commonwealth

ave. + Pleasant St. from 40'

11

So. Juniper to center Windsor

Sta.	H-I.	Rod	Elev.
0+00	about 7' deep sub dead end	3.17	273.53
		0.77	272.76
+50	40' So. Juniper about 8' deep.	1.5	272.0
1+00	↓	4.1	269.4
+50		6.1	267.4
2+00	about 6' deep.	7.4	266.1
+50		8.9	264.6
3+00		10.7	262.8
J.P.	1.24	261.94	12.83
+50	about 6' deep.	2.6	259.3
+88		6.8	255.1
4+00	about 9' deep.	5.8	256.1
+15		6.6	255.3
J.P.	- 0.03	248.92	12.99
+50	about 7' deep.	3.1	245.8
+68		6.7	242.2
J.P.	0.22	236.21	12.93
5+00		5.5	230.7
J.P.	0.97	224.76	12.42
+30.09	70.8 line Windsor	6.53	218.2
+45.12	M.H. center of Windsor	3.22	221.5

Sheet 20

Windsor street from 155'.
 Pentucket to bottom of

East of center of
 canyon west.

Sta.		Ht. Rod	Elev.
0+00	about 5' deep hub dead end	<u>265.98</u>	1.55 264.43
+50	155' East of center of Pentucket		0.7 265.3
1+00			3.9 262.1
+50			9.4 256.6
+55	M.H. center of Pentucket		10.14 255.84
+68			12.1 253.9
J.P.	0.30	<u>253.49</u>	12.79 253.19
2+00			13.0 240.5
J.P.	0.03	<u>241.13</u>	12.39 241.10
+16	M.H. bottom of canyon		10.75 230.38

Sheet 20

Pentucket Street from

center of Windsor

North to Sta 3+50

Sta	Sta.		Hts	Rod	Elev.
0+	0+00	M.K. Sta. 1+50 on Windsor St	<u>265.98</u>	10.14	255.8
+	+50			8.4	257.6
1+	1+00			6.6	259.4
+	+50		<u>272.74</u>	9.6	263.1
+	2+00			6.3	266.4
+	+50			3.9	268.8
2+	3+00			2.5	270.2
+	+50	F.S. hub.		2.38	270.36

Sheet 20

Camp line from sta 2+16
 to junction of camp to south

in center of Windsor
 west

14

Sta	Sight west on HI	Road Elev.	
0+00	52° 53' ^{0.32} Windsor M.H. Sta 2+16 241.13	10.75	230.38
J.P. +26	in center of Windsor	13.03	228.10
		2.4	226.0
+35		7.6	220.8
+50		10.0	218.4
J.P. +81	1.86 217.49	12.79	215.63
		5.1	212.4
+92		10.5	207.0
+96	M.H. Junction with camp from Sta. 5+46.72 in alley line	8.00	209.49

Sheet 20

Campfire line from Sta.
South + west.

5+45.12 at alley + Windsor

14/✓

Sta	H.I.	Rod Elev.
0+00	41°40' L backright north M.H. Sta. 5+45.12	3.22 221.54
+35	in alley line + Windsor	5.7 219.1
+50		10.4 214.4
+76	81°54'	9.0 215.7
J.P.	1.8 + 213.65	12.92 211.84
1+00		12.3 211.4
+07.9	38°30' R M.H. = Sta 0+96	4.12 209.53
+15	on campfire line N. east.	3.2 210.5
+35		6.5 207.2
+50		5.0 208.7
+70		10.0 203.7
2+00		8.0 205.7
+20		11.3 202.4
J.P.	3.14 204.24	12.55 201.10
+50		2.8 201.4
+69	24°45' R M.H.	4.39 199.7
+82		5.9 198.3
3+00		5.2 199.0
+23		10.6 193.6

Sheet 21

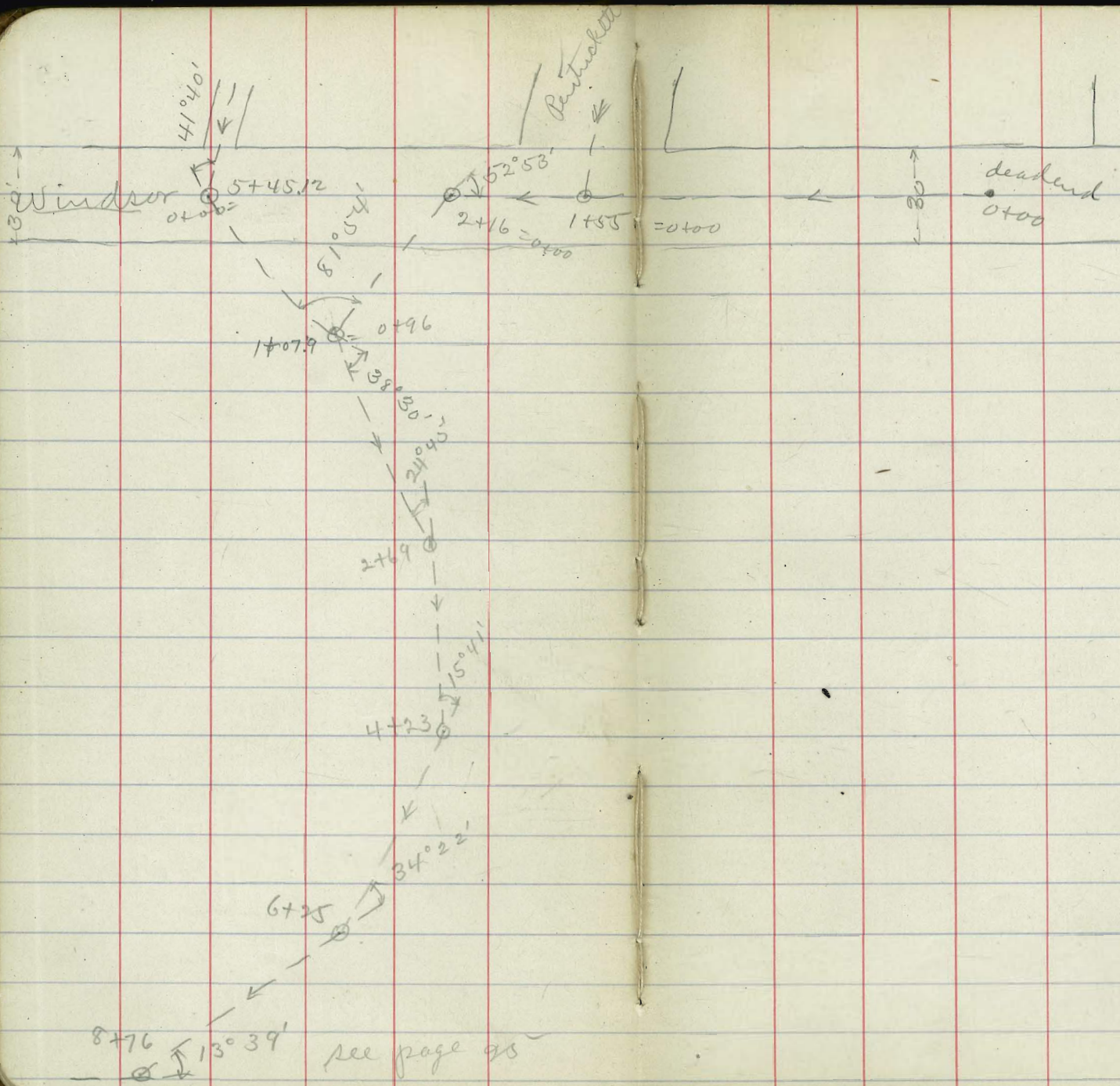
Sta	H.I.	Rod Elev.
3+33	204.24	11.1 193.1
+50		9.6 194.6
+63		12.0 192.2
+74		10.6 193.6
J.P.	2.13 193.83	12.54 191.70
+84		3.2 190.6
4+00		4.4 189.4
+23	15°41' R M.H.	3.50 190.2
+31		6.2 187.6
+39		4.7 189.1
+50		5.8 188.0
+58		7.8 186.0
5+00		9.0 184.8
+32		9.5 184.3
+43		12.0 181.8
+50		9.6 184.2
+61		8.8 185.0
+88		15.3 178.5
6+00		12.6 181.2

cont. from page 14

15

Sta		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
6+25	34° 22' R M.H.	193.83	11.78	182.05	10+50		172.16	12.8	159.4
J.P. +50	0.03	182.08	5.4	176.7	J.P. +100	1.11	160.33	12.94	159.22
+65			5.8	176.3	+42	M.H. side		3.9	156.4
+90			4.8	177.3	+50	Canyon		6.72	153.61
7+00			5.8	176.3	+81			7.1	153.2
+19			8.9	173.2	12+00			10.3	150.0
+35			7.6	174.5	+22			8.1	152.2
+50			9.4	172.7	+50			6.6	153.7
+60			11.2	170.9	13+00			9.3	151.0
8+00			11.7	170.4	+30	M.H. main		13.8	146.5
J.P. +37	2.72	172.16	12.64	169.44		Canyon		11.27	149.06
+50			4.9	167.3					
+76	13° 39' R M.H.		3.2	169.0					
9+00			4.21	168.0					
+40			6.9	165.3					
+50			9.2	163.0					
10+00			8.2	164.0					
			11.1	161.1					

city limits

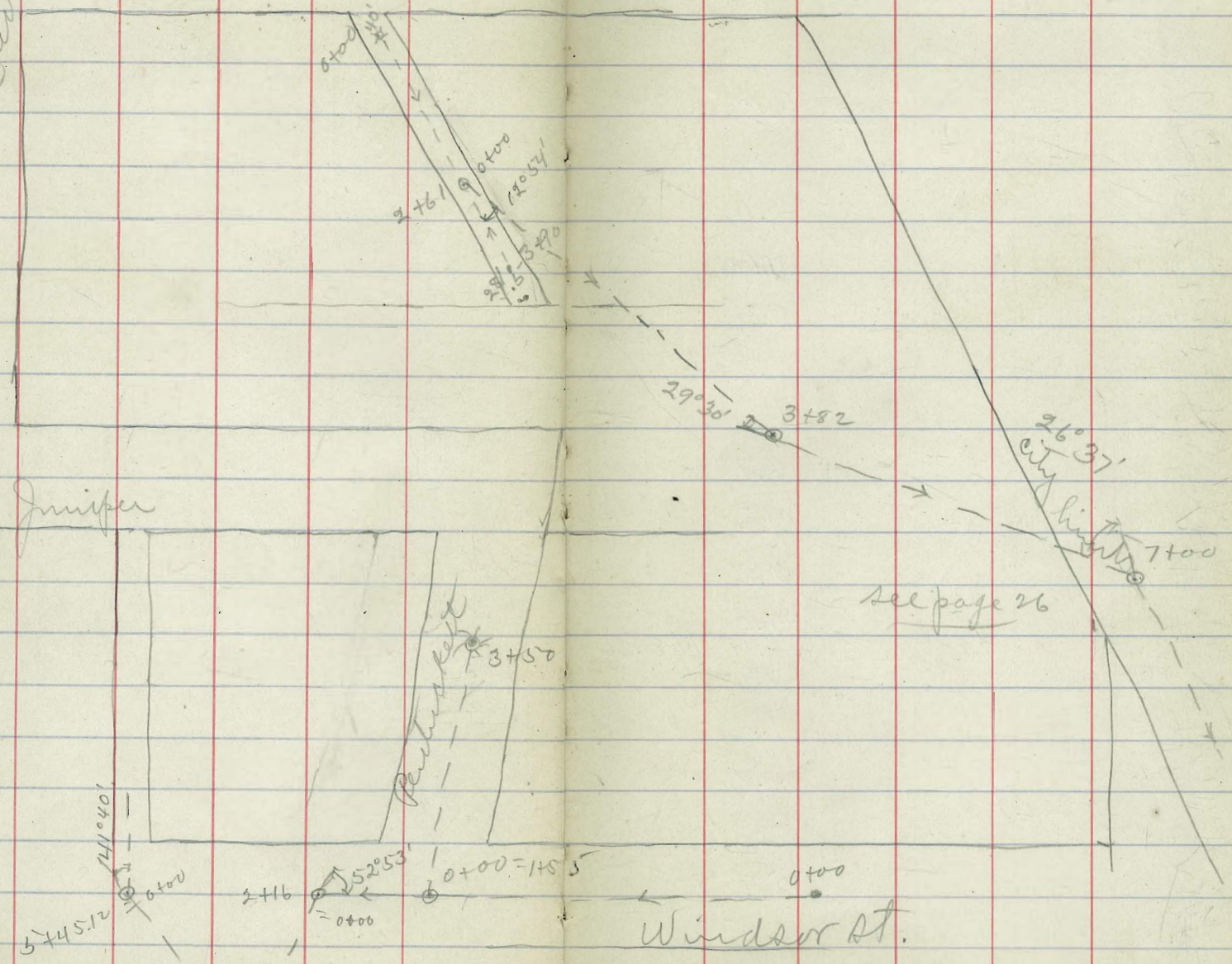


261
387
643.50

Commonwealth Ave

Lamel

Juniper



Can you line from Sta.
to Sta. 4+5.3 in alley line

11+42 on line on page 15
page 10

Sta.	H.I.	Rod	Elev.
0+00	76°17' L M.H. Sta 11+42 in line page 15	160.33	6.72 153.61
+08			9.2 151.1
+50			4.9 155.4
J.P. 1+00	10.05 169.07	131	159.02
			11.6 157.5
+50			9.8 159.3
+68			9.6 159.5
2+00			5.6 163.5
+34			6.7 162.4
+50			4.3 164.8
+75			1.8 167.3
3+00			4.0 165.1
J.P. +50	9.90 178.26	0.71	168.36
			7.8 170.5
+63			9.6 168.7
+90			3.7 174.6
4+00	16°33' L M.H.		5.03 173.2
+09			5.9 172.4
+50			3.5 174.8

Sheet 20

Sta.	H.I.	Rod	Elev.
J.P. 5+00	6.83 184.38	0.71	177.55
			5.3 179.1
+08			4.76 179.6
+50			2.8 181.6
J.P. +85	10.00 193.62	0.76	183.62
			8.2 185.4
6+00			9.7 183.9
+13			10.7 182.9
+44	27°49' R M.H.		6.11 187.5
+50			4.8 188.8
7+00			1.6 192.0
J.P. +27	12.83 205.89	0.56	193.06
			5.2 200.7
+50			10.7 195.2
8+00			2.0 203.9
+07			-0.03 205.92

M.H. Sta 4+5.3
in alley line
page 10

alley line bet. Cummings + Boundary from

19

40' SO. of + to Sta 3+90 NO. of jumps.

Sta.		H.I.	Rod	Elev.
J.P.	12.40	285.16		272.76
0+00	F.I. Ho. So. of		-0.14	285.30
+50	St. 0.		3.8	281.4
1+00			14.0	271.2
J.P.	0.71	272.77	13.10	272.06
+50			8.3	264.5
J.P.	0.18	260.01	12.94	259.83
+75			4.0	256.0
2+00			6.9	253.1
+15	hub.		5.53	254.5
+50			7.5	252.5
+61	M.H. Botany		10.17	249.8
+76	camp		9.8	250.2
3+00			6.0	254.0
+50			8.0	252.0
+90	dedd end 28.5 from so. end of alley.		7.67	252.3

Sheet 20

Learym line from Sta
Commonwealth ave. + Bunker
Canyon

Sta	H.I.	Rod	Elev.
0+00	2600.0	10.17	249.5
+40		10.6	249.4
+50		12.4	247.6
J.P.	0.05 247.09	12.97	247.04
1+00		6.8	240.2
+30		16.3	230.5
+50		12.5	234.6
J.P.	0.25 234.46	12.88	234.21
2+00		9.3	225.2
+05		10.7	223.8
+50		11.0	223.5
J.P.	0.20 221.66	13.00	221.46
+80		5.1	216.6
3+00		3.4	218.3
+10		1.6	220.1
+50		10.0	211.7
+82	29°30' L	9.03	212.6
J.P.	0.63 209.44	12.85	209.31
4+00		1.9	207.5
+50		6.3	203.1
+71		7.6	201.8

Sheet 22

2+61 on alley line bet.
North + east to main

20

Sta	H.I.	Rod	Elev.
2+87	20944	6.3	203.1
3+00		8.4	201.0
+15		11.4	198.0
+41		12.7	196.7
+50		11.7	197.7
J.P.	1.44 197.81	13.07	196.37
+79		3.2	194.6
5+00		2.4	195.4
+13		2.0	195.8
+50		4.2	193.6
7+00	26°37' R	9.95	187.9
+30		13.4	184.4
+50		13.0	184.9
J.P.	1.70 186.42	13.09	184.72
+61		2.9	183.5
8+00		4.4	182.0
+50		7.2	179.2
9+00		10.8	175.6
+50		12.7	173.7

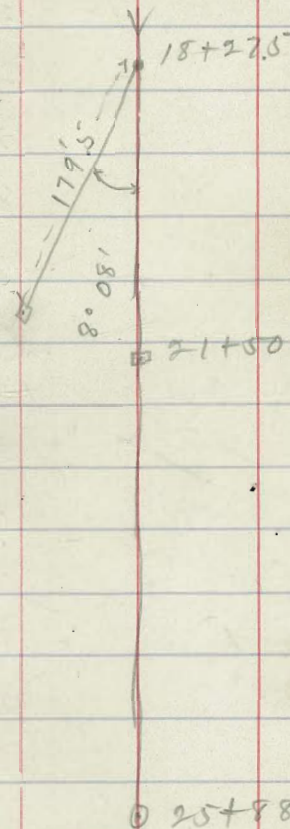
Cont. from page 20

Sta		H.T.	Rod	Elev.	Sta		H.T.	Rod	Elev.
9+58	18°48' R M.H.	<u>186.42</u>	13.14	173.2	14+50		<u>161.44</u>	13.2	148.2
J.P. 10+00	0.90	<u>174.18</u>	5.8	168.4	*15+00			12.7	148.7
+25			7.4	166.8	J.P. +50	0.03	<u>148.47</u>	13.00	148.44
+50			4.6	169.6	+50			3.8	144.7
11+00			9.3	164.9	16+00			5.0	143.5
+50			10.8	163.4	+36			8.5	140.0
+56			13.0	161.2	+50			7.1	141.4
+80			10.4	163.8	17+00			8.7	139.8
12+00			13.5	160.9	+50	M.H. side draw		9.43	139.04
J.P. +25	0.16	<u>161.44</u>	12.90	161.28	18+00			10.2	138.3
+50			0.9	160.5	+275	J.P. 121	<u>136.94</u>	12.74	135.73
+77			2.2	159.2	+33			2.1	134.8
13+00			5.7	155.9	+50			6.0	130.9
+06			5.8	155.6	+65			6.6	130.3
+50			7.8	153.6	+75			4.5	132.4
+81			8.2	153.2	19+00			6.5	130.4
14+00			10.3	151.1	+28			10.4	126.5
			10.6	150.8	+50			8.6	128.3
					20+00			10.0	126.9

cont. from page 21.

Sta.	H.T.	Rod Elev.	
20+50	<u>136.94</u>	12.2	124.7
J.P.	0.21	<u>124.19</u>	123.98
21+00		2.9	121.3
+50	hub.	3.95	120.2
22+00		6.4	117.8
+50		9.0	115.2
23+00		11.3	112.9
+50		13.2	111.0
J.P.	1.25	<u>112.53</u>	111.28
24+00		3.3	109.2
+50		4.7	107.8
25+00		5.8	106.7
+50		7.0	105.5
+88	M.H. McCain Carpenter from University of	7.22	105.31

4" x 4" post SE. cor. lot 8



Leisure line from sta 3+68 on
 & south of Hwy. to sta. 13+30 page

lot line 100' East of Gregory
 15 + on south to sta. 10+96

23

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
0+00	33°29' L backsight M.H. Sta. 3+68	167.24	2.19 165.05	6+00	154.45	5.9	148.6
+50	in lot line 100' East of Gregory		5.3 161.9	+50		8.2	146.3
1+00			7.1 160.1	J.P. 22°40' R 245'	147.62	9.28	145.17
+50			8.5 158.7	+90 M.H.		2.61	145.01
2+00			11.4 155.8	7+00		2.7	144.9
+50			12.5 154.7	+43		5.6	142.0
+60			12.5 154.7	+50		8.3	139.3
+75			9.0 158.2	+61		6.5	141.1
3+00			10.1 157.1	8+00		6.9	140.7
+38			10.2 157.0	+28		10.2	137.4
+50	2°09' L M.H.		8.65 158.6	+48		10.2	137.4
4+00			12.1 155.1	+50		9.4	138.2
J.P. +50	0.20 154.45		12.99 154.25	+60		7.6	140.0
+56			4.3 150.2	9+00		8.9	138.7
+76			5.5 149.0	+50		11.3	136.3
5+00			4.5 150.0	+70		13.1	134.5
+46.7	14°55' R M.H. Sta. 13+30 on Page 15		5.50 148.95	10+00		11.5	136.1
				J.P. 10.43 144.98		13.07	134.55
				+50		11.4	133.6
				+96	M.H. common line to west.	13.35	131.63

Sheet 21

Leaving line to west from Sta.
Sta. 2+75 on lot line 100'

10+96 on page 23 to
East of Gregory.

24

Sta.	H.S.	Rod	Elev.
0+00	68°59' L foresight north M.H. Sta. 10+96	13.35	131.63
+26	Page 23	16.3	128.7
+50	✓	12.1	132.9
1+00		9.1	135.9
+16		10.6	134.4
+50		6.1	138.7
2+00		5.7	139.3
+20		6.5	138.5
+50		3.3	141.7
+89		3.6	141.4
3+00		2.2	142.8
+14		1.4	143.6
+16		2.6	142.4
J.P.	21°27' R 9.58 153.29	1.24	143.74
+53	M.H. Sta 2+75	5.13	148.16

lot line 100'
East of Gregory

Sheet 21

148.22

Hawthorn

3+68 @ 100

85°29'

3+50

14°55'

13+30

5+46.7

22°46'

6+90

Grape

Gregory

Fir

21°27'

2+75

3+53

68°59'

10+96

27°44' 6+44

see below

16°18' 5+08

116°33'

4+00

see page 16

8+76

13°39'

0+00

76°17'

11+42

8+07

4+53 in alley
line page 10

6+44

27°49'

see above

see page 17
26°37'
7400

15481
18°45'
9458

see page 22
25488

lot line East of Ingalls from
Palo alto to Sta. 6+00 near

10' so. of north line of
city limits

27

Sta.		H.I.	Rod	Elev.
0+00	M.H. 10' 20'	94.01	10.74	83.27
+10	of north line of Palo alto		7.1	86.9
J.P.	12.84	106.61	0.24	93.77
+50	12.65	118.99	0.27	106.34
J.P.	12.80	131.52	0.27	118.72
1+00	about 8' deep.		0.6	130.9
J.P.	13.01	144.31	0.22	131.30
+50	✓		4.5	139.8
J.P.	12.92	157.12	0.11	144.20
2+00			10.0	147.1
+50			4.7	152.4
3+00	not less than 8' deep		2.1	155.0
J.P.	12.00	168.53	0.59	156.53
+50			10.3	158.2
4+00			6.2	162.3
+50			2.4	166.1
J.P.	12.24	180.24	0.53	168.00
5+00	about 5' deep.		9.3	170.9
+50			2.2	178.0
J.P.	about 6' deep 9.03	188.91	0.36	179.88
6+00	hub dead end.		2.08	186.8

Sheet 23

Center of Ingalls Street
of Palo Alto to Sta 9+00.

from 10' so. of north line
near City limits

28

Sta		H.I.	Rod Elev.
0+00	M.H. 10' so. of	<u>112.99</u>	12.24 100.75
+50	no. line of		1.4 111.6
J.P.	palo alto.	11.69	0.01 112.98
+80		<u>124.67</u>	9.5 115.2
1+00			9.7 115.0
+50			9.0 115.7
2+00			11.3 113.4
+50			14.0 110.7
+86	mt. bottom of		9.80 114.87
3+00	campfire		6.7 118.0
J.P.		12.84	0.33 124.34
+50			7.1 130.1
J.P.		13.09	0.45 136.73
4+00			8.9 140.9
J.P.		12.73	0.48 149.34
+50			11.6 150.5
J.P.		12.85	0.27 161.80
5+00			13.1 161.6
+50			6.1 168.6
6+00			0.5 174.2
J.P.		12.63	0.02 174.63
+50			4.3 183.0
J.P.		12.80	0.03 187.23
7+00			9.2 190.8

out out ?

Sheet 28

Sta		H.I.	Rod Elev.
7+52.5	no. line of	<u>200.03</u>	1.8 198.2
J.P.	Beech	212.31	0.22 199.81
8+00			9.2 203.1
+50			5.5 206.8
9+00	hub deadend		3.56 208.75

lot line bet. Ingalls + Bay
line of palo alto to sta 14+74.5

View from 10+20 of north
about center of date

29

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.		
0+00	M.H. 10' 20.920	12.83	135.05	J.P.	12.87	0.00	185.21		
+50	line of palo alto	4.2	143.7	8+50		10.4	187.7		
J.P.	12.98	160.78	147.80	9+00		5.1	193.0		
1+00		8.3	152.5	J.P.	7.88	0.00	198.08		
+50		4.0	156.8	+50		7.1	198.9		
2+00		2.2	158.6	10+00	hub dead end.	2.10	203.9		
J.P.	12.42	173.00	160.58	+50	dead end	3.7	202.3		
+50		12.6	160.4	11+00		10.2	195.8		
3+00	Sheet 23	9.1	163.9	J.P.	0.93	193.78	13.11	192.85	
+50		6.3	166.7	+345	no. line cedar	5.0	188.8		
4+00		5.0	168.0	+50		7.4	186.4		
+50		3.2	169.8	J.P.	0.38	181.21	12.95	180.83	
5+00			1.7	171.3	12+00		2.9	178.3	
J.P.		13.10	185.21	172.11	+50		10.6	170.6	
+50			13.8	171.4	J.P.	0.73	169.28	12.66	168.55
6+00			13.3	171.9	+04		7.2	162.1	
+50			11.1	174.1	+50		8.2	161.1	
7+00			8.6	176.6	J.P.	0.60	156.95	11.0	158.3
+50		6.4	178.8	14+00		12.93	156.35		
8+00		3.3	181.9	+50		2.4	154.6		
				+74.5	center date sheet	7.79	149.16		

Bay View from 10' so. of no.

Sta. 17+75 near city limits

Sta. H.I. Rod Elev.

0+00 M.H. 10' so. of 137.62 13.07 124.55
 J.P. 12.69 13.0.29 0.02 137.60
 +50 no. line of Palo Alto 11.7 138.6

1+00 ✓ 2.6 147.7
 J.P. 13.02 163.32 -0.01 150.30
 +50 9.5 153.8

2+00 3.3 160.0
 J.P. 12.73 176.04 0.01 163.31
 +50 8.2 167.8

+80 4.3 171.7

3+00 0.0 176.0
 J.P. 12.68 188.71 0.01 176.03

+50 4.1 184.6
 J.P. 13.05 201.23 0.53 188.19

4+00 12.6 188.6

+50 11.1 190.1

5+00 10.5 190.7

+50 10.1 191.1

6+00 10.6 190.6

+50 dead end just 8.4 192.8

7+00 so. of Beech 4.2 197.0

+25 hub 3.13 198.1

8+00 dead end 1.2 200.0
 north

Sheet 24

line of Palo Alto. to

30

Sta. H.I. Rod Elev.

8+50 206.23 2.8 198.4

9+00 5.5 195.7

+15 7.8 193.4

J.P. 0.35 189.04 12.54 188.69

+50 8.4 180.6

+73 16.5 172.5

10+00 7.5 181.5

J.P. 0.10 176.17 12.97 176.07

+50 3.2 173.0

11+00 11.5 164.7

J.P. 0.04 163.21 13.00 163.17

+36 no. line of Cedar St. 3.6 159.6

+50 6.2 157.0

12+00 12.0 151.2

J.P. 0.72 150.83 13.10 150.11

+50 6.1 144.7

13+00 11.0 139.8

+50 12.0 138.8

J.P. 0.65 138.57 12.97 137.86

14+00 3.2 135.3

+12 5.7 132.8

J.P. 0.70 126.50 12.71 125.80

+50 4.2 122.3

levit. from page 30

Sta.		H.I.	Rod	Elev.
14+76	m.H. about center	126.50	11.04	115.46
J.P.	Date	0.53	114.29	12.74
15+00				6.8
J.P.		4.13	108.77	12.65
+25			5.8	100.0
+50			7.2	98.6
16+00			6.1	99.7
+35			9.5	96.3
+50			7.6	98.2
17+00			4.3	101.5
+50			3.6	102.2
+75	m.H. nearly limits		3.53	102.24

center date from center
to lot line east of Bay

of Bay View
line

32

Sta.		H.T.	Rod Elev.
0 + 00	M.H. center	<u>125.59</u>	10.09 115.50
+50	Bay View + date	<u>144.25</u>	11.9 132.4
+60	↓		7.2 137.1
1 + 00		<u>156.95</u>	13.4 143.6
+39.9	M.H. lot line east of Bay View		7.79 149.16

Sheet 22

13.03
143.92 J.P.
0.33
144.25 H.E.
12.89
137.36 J.P.
0.26 H.F.
131.62 H.F.
12.91
118.71 J.P.
6.88
125.59 H.E.

Lot line bet. Bay View +
line of Palo Alto to sta 23+30

Sta		H.I.	Rod	Elev.
0+00	M.H. 10' to gno.	160.04	12.68	147.36
+50	line of Palo Alto		11.2	148.8
1+00	↓		7.9	152.1
+50			4.9	155.1
2+00			0.7	159.3
J.P.	12.68	172.71	0.01	160.03
+50	about 7' deep		7.8	164.9
+75	dead end		5.8	167.2
3+00			2.6	170.1
J.P.	5.66	178.37	0.00	172.71
+50	dead end		2.7	175.7
4+00	hub dead end		2.02	176.4
+50			5.6	172.8
5+00			9.6	168.8
+50			11.8	166.6
6+00	about 2' deep		12.5	165.9
+50			10.0	168.4
7+00			6.8	171.6
+50			5.6	172.8
8+00			8.4	170.0

Sheet 25

McClellan from 10' S.W. of no.
no. of Fir

33

Sta		H.I.	Rod	Elev.
J.P.	0.63	165.92	13.08	165.29
8+50			5.4	160.5
9+00			13.0	152.9
J.P.	1.24	154.22	12.94	152.98
+50			8.2	146.0
10+00			10.7	143.6
J.P.	0.49	141.75	12.96	141.26
+50			2.8	139.0
11+00			7.1	134.7
+38.5	no. line cedar.		8.2	133.6
+50			8.2	133.6
12+00			10.0	131.8
+50			10.6	131.2
J.P.	0.25	128.94	13.05	128.69
+50	0.25	116.62	12.59	116.37
			2.9	113.7
13+00			12.1	104.5
J.P.	5.27	109.01	12.88	103.74
+16			7.7	101.3
+29			12.2	96.8
+50			14.4	94.6
+80			13.2	95.8
14+00	about 2' deep		15.5	93.5

Cont. from page 33

Sta	H.I.	Rod	Elev.	Sta	H.I.	Rod	Elev.
14+14	<u>109.01</u>	11.6	97.4	21+00	<u>134.30</u>	3.0	131.3
+50		11.3	97.7	J.P. +50	12.92 12.50	0.07 137.96	134.23 147.11
15+00		11.0	98.0	J.P. 22+00	13.08	<u>173.05</u>	148.4 159.97
+50		10.3	98.7	+50		10.0	168.1
16+00		10.1	98.9	+69.2	no line	1.9	171.2
+50		9.4	99.6	J.P. 23+00	12.08	<u>185.13</u>	0.4 172.7 0.00 173.05
+57.5	M.H. bottom of canyon	9.27	99.74	+30	hub. dead end.	6.8	178.3
17+00		9.1	99.7			2.78	182.35
+50		8.3	100.7				
18+00		5.9	103.1				
J.P. +50	12.45 <u>121.55</u>	-0.09	109.10				
		13.3	108.3				
19+00		9.8	111.8				
+50		6.8	114.8				
J.P. 20+00	13.08 <u>134.30</u>	0.33	121.22				
		10.8	123.5				
+40		5.0	127.3				
+50		5.6	128.7				
+70	M.H. Sidedraw to west	6.93	127.37				

174.25
172.5
175

Center McClellan Street from
Palo Alto to Sta 25+30.

10' 20" of north line of

35

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
0+00	M.H. 10' 20" line of Palo Alto	179.42	12.64	166.78	7+50		138.56	7.8	130.8
+50			10.4	169.0	8+00			10.5	128.1
1+00	↓		8.3	171.1	J.P.	1.26	126.90	12.92	125.64
+50			5.7	174.3	+50			2.7	124.2
2+00			2.5	176.9	9+00			4.9	122.0
J.P.	9.03	187.36	1.09	178.33	+50			5.3	121.6
+50			6.0	181.4	10+00			4.7	122.2
+75	hub dead end.		4.59	182.77	+50			5.7	121.2
3+00		Sheet 26	3.8	183.6	11+00			7.2	119.7
+50			2.8	184.6	+40	no. line cedar.		8.2	118.7
4+00	dead end.		4.9	182.5	+50			9.4	117.5
+50			9.8	177.6	+78			10.5	116.4
J.P.	0.77	178.20	12.93	174.43	J.P.	0.59	114.34	13.15	113.70
5+00			5.3	169.9	12+00			5.7	108.6
J.P.	0.15	162.29	13.06	162.14				12.5	101.8
+50			0.8	161.5	+20			12.46	101.88
J.P.	0.09	149.36	13.02	149.27	J.P.	2.29	104.17	13.6	90.6
6+00			1.6	147.8	+35				
J.P.	2.08	138.56	12.88	136.48	+44			11.2	93.0
+50			9.6	129.0	+50			11.2	93.0
+59			13.3	125.3	13+00			12.3	91.9
7+00			9.1	129.5					

Cont. from page 35

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
13+14	about 2 ^{deep} bottom	104.17	12.9	91.3	J.P. 20+50	1149	178.25	0.15	166.76
+19			9.3	94.9	+60			1.5	176.8
+50			9.0	95.2				0.36	177.89
14+00			9.4	94.8	21+00			5.3	173.0
+50			9.0	95.2	J.P. north 5.68	173.65	10.28	10.6	167.97
15+00			7.9	96.3	+50				163.1
+37	M.H. bottom canyon		7.24	96.93	+71			13.62	160.08
+50			7.0	97.2	+76			16.5	157.2
16+00			6.2	98.0	22+00			3.3	170.4
+50			0.9	103.3	J.P. +50	18.15 12.55	186.80 199.75	0.00 0.20	173.65 156.60
J.P. 17+00	12.86	117.09	-0.06	104.23	+63			8.2	191.0
+50			6.4	110.7	J.P. +70	13.09	212.24	2.2	197.0
+50			2.4	114.7				0.00	199.15
J.P. 18+00	11.68	128.77	0.00	117.09	+70			12.8	199.4
+50			8.8	120.0	23+00			4.1	208.1
J.P. 19+00	12.60	141.37	0.00	128.77	J.P. +50	12.52	224.76	0.00	212.24
+50			0.8	128.0				7.5	217.3
J.P. 20+00	12.84	154.21	0.00	141.37	24+00			1.8	223.0
+50			4.7	149.5	J.P. +50	5.46	229.10	1.12	223.64
J.P. 20+00	12.91	166.91	0.21	154.00				2.9	226.2
			1.2	165.7	25+00			4.1	225.0
					+30			7.30	221.8

Maine Campfire hill from
to center 36th St. Sta 56+07

Sta 25+88 on page 22

37

Sta.	H.I.	Rod Elev.
0+00 M.H. = Sta. 25+88 +50 on page 22	106.09	0.78 105.31
1+00 +35 city limits		2.5 103.6
+37.3 M.H. 2' west of city limits,		2.8 103.3
+50		2.83 103.26
30°34' R		2.8 103.3
2+01 M.H. Sta 17+75 +50 Page 31		3.77 102.32
3+00		4.7 101.4
+50		5.2 100.9
+81.5 M.H. Sta. 16+57.5 on page 34		5.6 100.5
4+00		6.26 99.83
+50		6.6 99.5
5+00		7.7 98.4
+50		8.4 97.7
+67 M.H. Sta 15+37 on page 36		9.0 97.1
6+00		9.10 96.99
+50		9.3 96.8
		10.0 96.1

Sheet 23

Sta.	H.I.	Rod Elev.
7+00	106.09	10.8 95.3
+50		11.2 94.9
+52.3 M.H. Sta 14+78 on page 38		11.25 94.84
8+00		11.8 94.3
+50		12.5 93.6
9+00		12.7 93.4
+333 M.H. Sta 56+07 on center 36 th St.		12.97 93.12

99.83
9.0
109.10

94.84
6.4
107.33

Lot line bet, McClellan + 36th St. from 390' north

38

of Palo Alto. to Sta. 32+00

Sta.	H.I.	Rod Elev.	Sta.	H.I.	Rod Elev.
4+00	hub dead end 0.50 172.65	10.13 162.62	10+00	1.7 110.7	
+50	390' north 0.50 160.06	13.09 139.56	+50	4.5 182.77 2.35 107.9	
5+00	Palo Alto. 0.44 148.03	12.97 147.09	11+00	5.6 185.12 12.87 106.8	
+50	0.71 135.67	12.3 135.7	+43.2	3.8 172.65 108.6	north line of Cedar.
6+00	1.14 128.79	12.2 123.5	+50	6.5 105.9	
	1.56 112.41	13.02 122.65	J.P. +66	0.54 101.19 11.76 100.15	
+27		3.6 108.8	+66	4.4 96.8	
+43		1.9 110.5	+80	12.9 88.3	about 2' deep.
+50		7.5 104.9	12+00	11.0 90.2	
7+00		8.5 103.9	+20	11.2 90.0	
+33		7.5 104.9	+22	9.8 91.4	
+50		3.5 108.9	+50	10.0 91.2	
+68		4.1 108.3	13+00	8.6 92.6	
+87		8.8 103.6	+50	8.0 93.2	
8+00		3.9 108.5	14+00	6.6 94.6	
+50		2.4 110.0	+17.8	6.49 94.70	M.H. bottom of canyon
9+00		1.9 110.5	+50	5.7 95.5	
+50		2.1 110.3	15+00	2.2 99.0	
		2.0 110.4			

Sheet 27

cont. from page 38.

39

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.	
J.P. 15+50	13.00	<u>114.18</u>	0.08 9.6	101.58 104.6	23+19	<u>215.37</u>	12.78 202.59	
16+00			3.8	110.4	M.H. Bottomley draw. 12.74	0.35 227.76	0.35 215.02	
J.P. +50	13.14	<u>127.32</u>	0.00 10.6	114.18 116.7	+48		9.9 217.9	
17+00			2.6	124.7	+50		8.7 219.1	
J.P. +50	12.67	<u>139.99</u>	0.00 6.0	127.32 134.0	J.P. 24+00	12.32 <u>240.08</u>	0.00 12.1	227.76 228.0
+62			4.3	135.7	+50		5.5 234.6	
J.P. 18+00	12.61	<u>152.50</u>	0.10 0.7	139.89 151.8	25+00		2.8 237.3	
J.P. +50	12.82 12.70	<u>165.31</u> <u>178.81</u>	0.01 0.00	152.49 165.31	+40	hub dead end	3.40 236.7	
J.P. 19+00	12.73	<u>190.72</u>	0.02 0.3	177.99 190.4	J.P. 26+75	Shape Street 0.87 227.59	12.86 12.1	227.22 215.5
J.P. +50	12.63	<u>203.25</u>	0.60 4.9	190.62 198.4	J.P. 27+00	dead end 0.70 215.40	12.89 8.0	214.70 207.4
20+00	12.13	<u>215.37</u>	0.01 11.5	203.24 203.9	+14		11.1 204.3	
+50			7.7	207.7	J.P. +38	0.35 202.79	12.96 3.2	202.44 199.6
21+00			5.8	209.6	+50		8.2 194.6	
+50			4.7	210.7	+62	M.H. Bottomley draw.	12.68 190.11	
+75			4.75	210.62	+90	draw.	21.0 181.8	
22+735			5.1	210.3	28+00		17.5 185.3	
no. line in					J.P. +50	12.89 <u>215.07</u>	0.61 8.9	202.18 206.2

cont. from page 39

Sta.		H.I.	Rod	Elev.
J.P.	13.03	<u>228.00</u>	0.10	214.97
29+00			0.9	227.1
J.P.	12.75	<u>240.75</u>	0.00	228.00
+50			1.9	238.9
J.P.	11.04	<u>251.58</u>	0.21	240.54
30+00			6.2	245.4
+50			4.2	247.4
31+00			0.0	246.6
+50			8.0	248.6
32+00	about 2' deep. limb dead end.		11.09	239.99

Side Canyon from sta.

Page 34 to sta. 23+19

Sta.

H.I. Rod Elev.

Sta.		H.I.	Rod	Elev.
0+00	54°23' L back sight in m.H. Sta. 20+70	134.30	6.93	127.37
J.P.		122.2	147.15	0.07 134.23
+50	m page 37		12.0	135.25
+59			11.5	135.7
J.P.		13.09	160.20	0.04 147.11
1+00			12.1	148.1
+34			7.3	152.9
+50			5.9	154.3
J.P.	10°36' R 11.73	171.65	0.28	159.92
+70.2	m.H. Sta. 21+71		11.61	160.04
2+00	m page 36		8.4	163.3
+30			3.2	168.5
J.P.		13.10	184.74	0.01 171.64
+50			10.1	174.6
+75			4.2	180.5
J.P.		12.46	197.20	0.00 184.74
3+00			7.8	189.4
+18			3.0	194.2
J.P.		6.53	203.73	0.00 197.20
+50			5.6	198.1
+69.8	m.H. Sta. 23+19		1.11	202.62
	m page 39.			

Sheet 24

20+70 in lot line

m page 39

Sewer line 2' west of City

Main Canyon line page 37

Sta		H.I.	Rod	Elev.
0+00	M.H. Sta. 14373 on page 37	115.14	11.88	103.26
+50			11.9	103.2
1+00	↓		10.5	104.6
+50			7.1	108.0
2+00			3.5	111.6
+50			0.6	114.5
J.P.	13.09	128.04	0.19	114.95
3+00			12.4	115.6
+50			9.2	118.8
J.P.	12.73	140.66	0.21	127.83
4+00			11.5	129.1
J.P.	12.57	152.96	0.17	140.39
+50			6.7	146.3
J.P.	12.99	165.92	0.03	152.93
5+00			3.3	162.6
J.P.	13.02	178.70	0.24	165.68
+50			0.0	178.7
J.P.	13.31	191.53	0.48	178.22
+80			5.8	185.7
6+00			3.6	187.9
+50	hub dead end North		1.18	190.35
+83.4	S.W. lot 8			
7+00	+2' east			

Sheet 28

Limits from Sta. 14373 on

to Sta

Sta.		H.I.	Rod	Elev.
7+00	dead end north	191.53	0.9	190.6
+50			2.0	189.5
8+00			2.4	189.1
+0345	min. pueblator 2' east of line		3.68	187.9
+50	13' line drop		4.8	186.7
+75			8.8	182.7
J.P.	0.27	178.94	12.86	178.67
9+00			4.2	174.7
+09			8.6	170.3
J.P.	165	167.81	12.78	166.16
+21			4.1	163.7
+31	M.H. bottom of canyon		11.13	156.7
+40			16.0	151.8
+50			9.5	158.3
J.P.		191.03		
10+00			5.0	186.0
J.P.	12.96	203.70	0.29	190.74
+40			5.2	198.5
+50			3.2	200.5
J.P.	13.03	216.27	0.46	203.24
11+00			7.3	209.0
+35			1.6	214.7

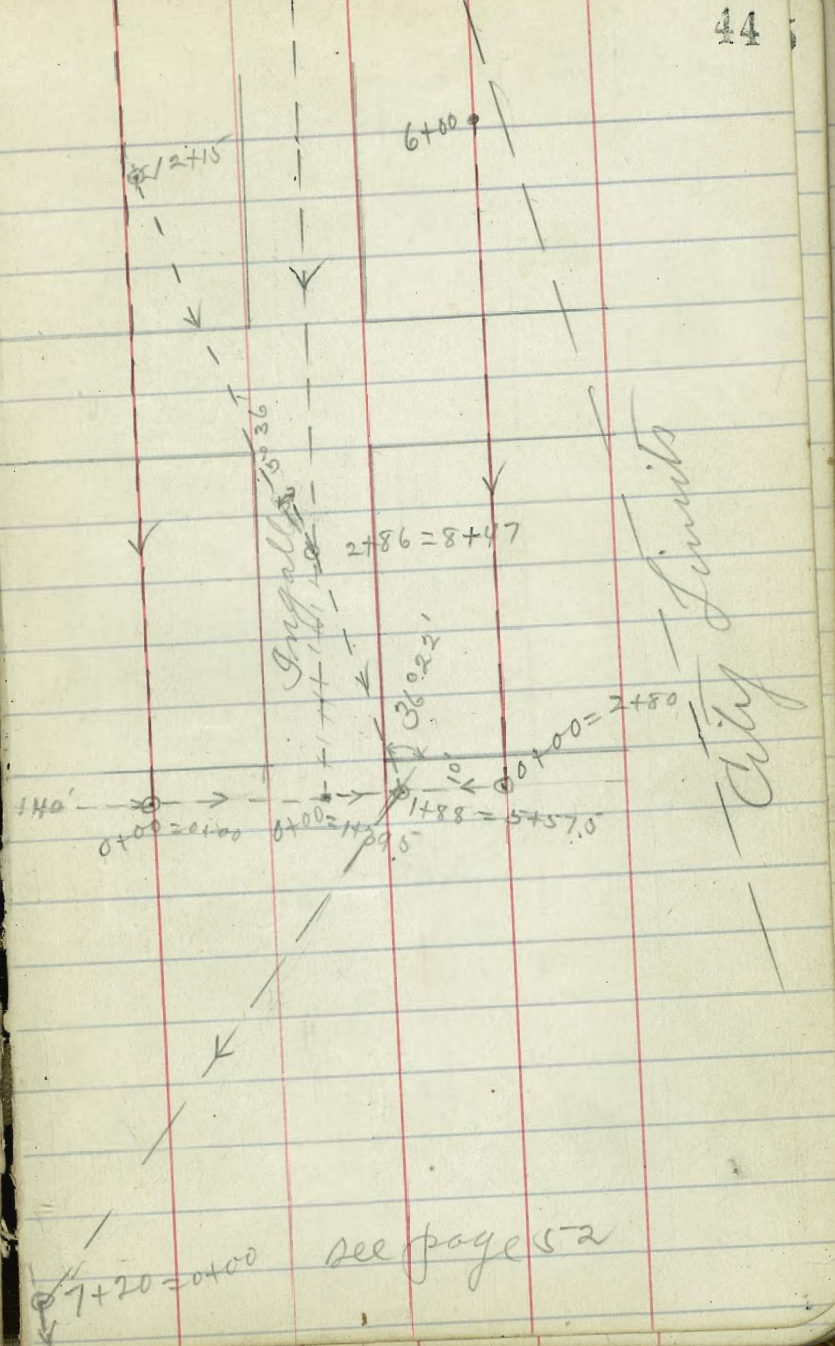
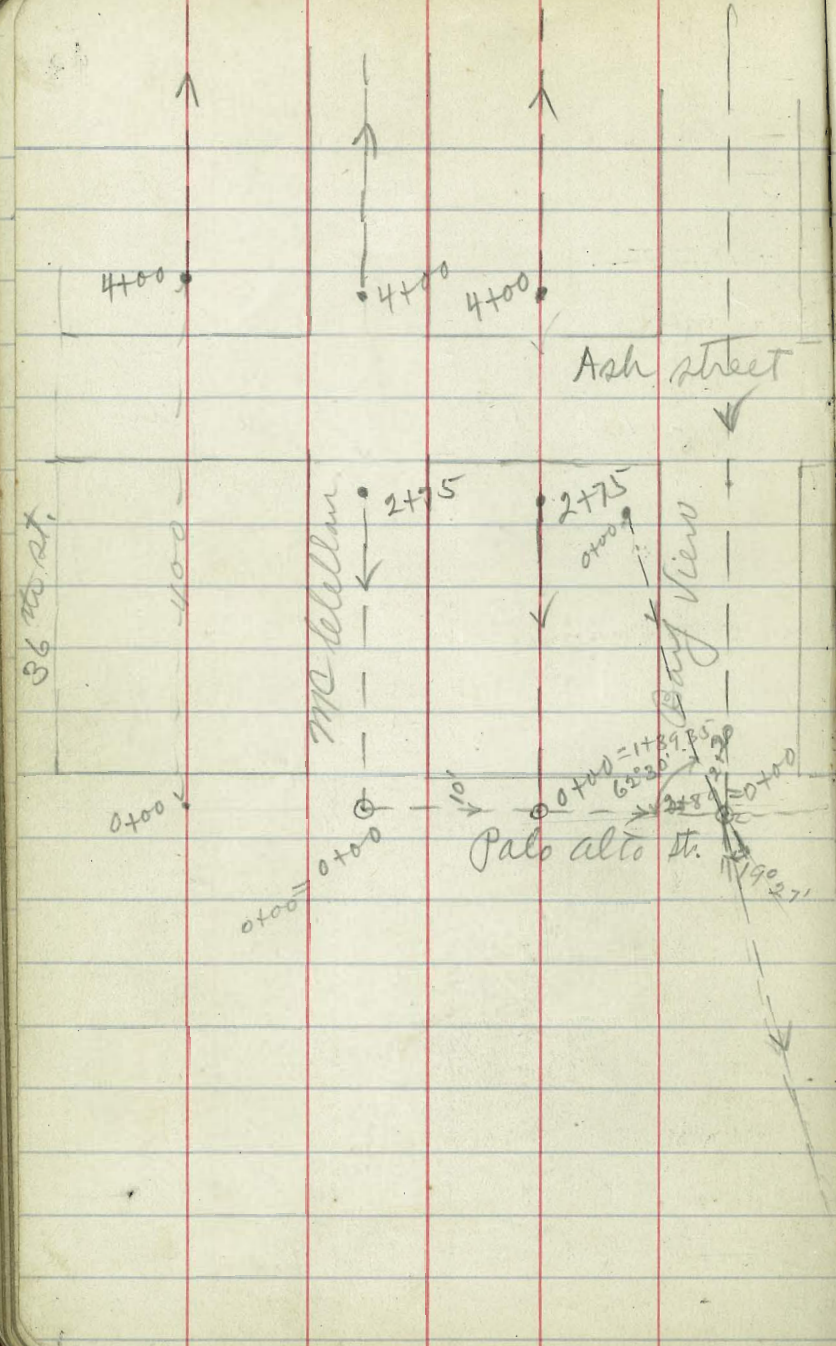
cont. from page 42

Sta.	H.I.	Rod	Elev.
J.P. 11+50	12.92	228.56	0.63 215.64 12.2 216.4
+94.6		max 40' 13' line of McCallan	8.39 220.2
+95.88		max 40' 13' line	
12+00		Haroldson	7.9 220.7
+50			4.1 224.5
13+00			1.4 227.2
J.P. +50	13.01	240.66	0.91 227.65 12.3 228.4
14+00			10.5 230.2
+50			9.1 231.6
15+00			7.5 233.2
+50			6.1 234.6
+57.4		max so. line	6.38 234.3
16+00		Cullen add. produced to city limits	4.1 236.6
+50			2.5 238.2
17+00			0.5 240.2
J.P. +50	5.93	246.58	0.01 240.65 5.1 241.5
18+00			3.4 243.2
+50		hub dead end	2.55 244.0

Sta.	H.I.	Rod	Elev.
18+46.6		hub.	

19+26 max. west line Choate's
add. produced to city
limits

246.59
12.56
259.15 H.I.
0.55
258.60 J.P.
10.98
269.58 H.I.
5.16
264.42



7+20 = 0+00 see page 52

14+78

14+76
Leate St.

14+74.5

11+43.2

11+40

11+38.5
Cedar St.
11+36

11+34.5

Edwards Street

McClellan

Bay View St.
8+00

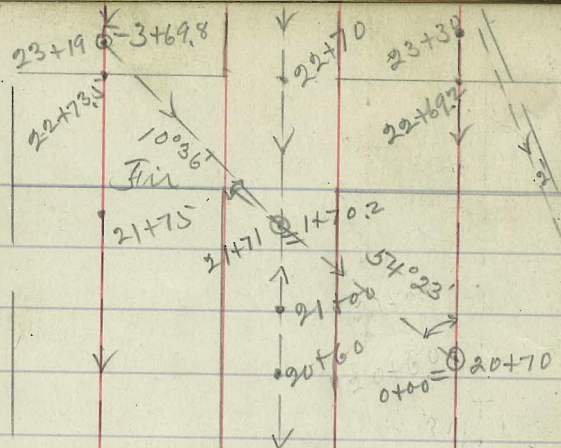
10+50
10+00

9+00

Buch St.

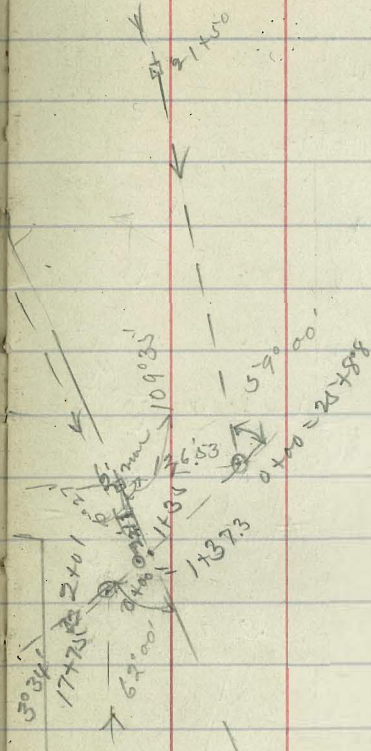
6+50

Ingalls



Elin

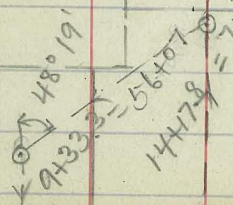
So. 13' line



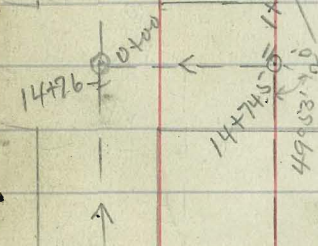
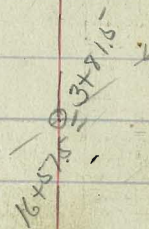
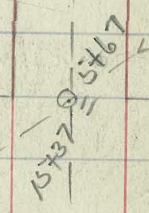
City limits

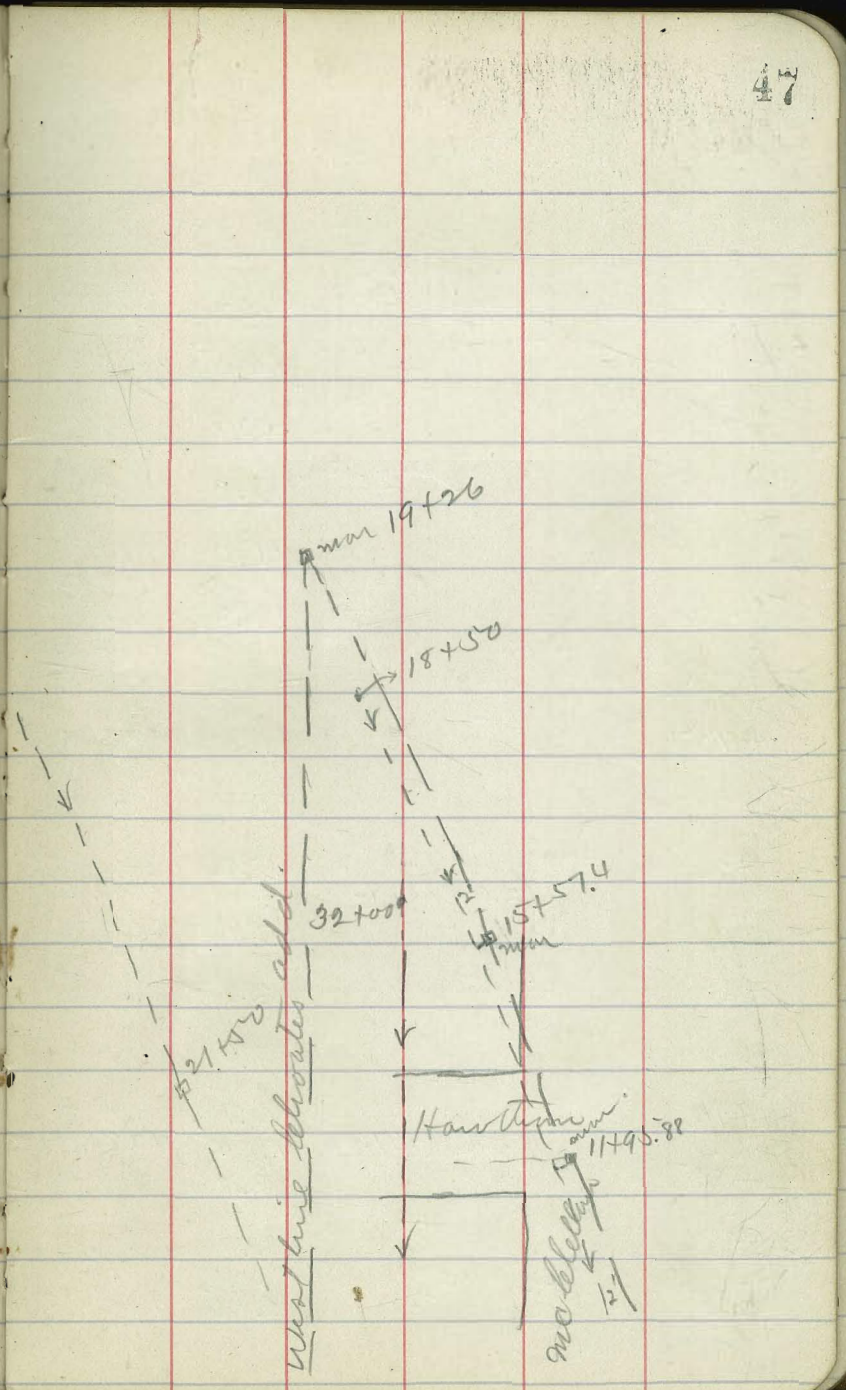
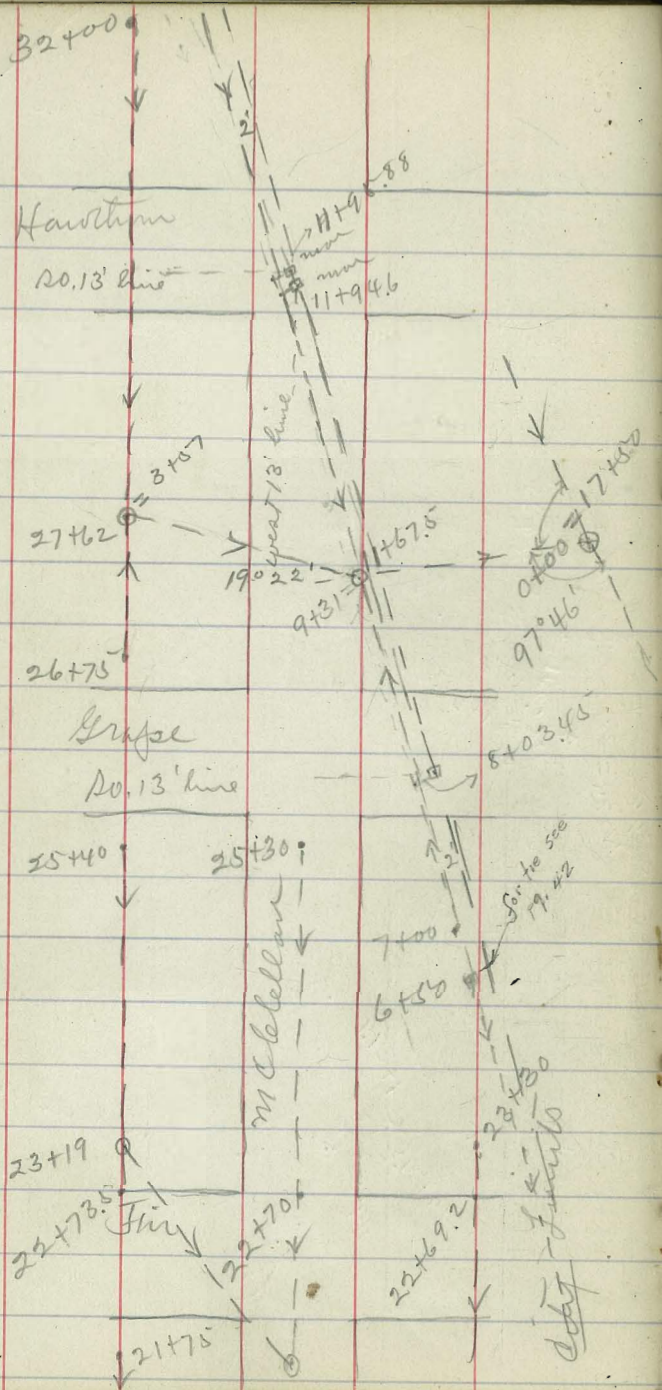
So. 13' line Date

36 m 25



Date





begin line from sta. 17+50
on lot line page 39

on page 21 to Sta 27+62

48

Sta.	H.I.	Rod Elev.
0+00	97°46' R foresight south M.H. = 17+50 m <u>145.90</u>	6.86 139.04
+18	Page 21	10.5 135.4
+50	↓	5.1 140.8
+85	<u>155.72</u>	11.0 144.7
1+00		11.0 144.7
+50	<u>167.81</u>	13.3 154.5
+67.5	19°22' R M.H. Sta. 9+31	11.13 156.7
+95	on page 42	11.8 156.0
2+00		10.7 157.1
+20		5.6 162.2
J.P. +32	12.60 <u>179.41</u>	1.00 166.81
+50		17.1 162.3
3+00		12.1 167.3
+12		7.6 171.8
J.P. +35	12.76 <u>191.03</u>	6.7 172.7
J.P. +50		1.14 178.27
		7.1 183.9
		2.1 188.9
+57	M.H. Sta 27+62 on page 39	0.80 190.18

Sheet 25

72.88
154.93 J.P.
0.79
155.72 H.L.
12.04
143.68 J.P.
2.22
145.90

East + west line 10' south of
from center of Mc Clellan to

North line of Palo Alto.
lot line 0+00 east of Ingalls.

49

Sta.		H.I.	Rod	Elev.
0+00	m.H. Sta 0+00	12.71 170.87	4.09	158.16 166.78
+50	Page 35		11.1	159.8
J.P.		0.04	157.92	12.99 137.88
1+00	↓		5.5	152.4
+39.35	m.H. Sta. 0+00		10.56	147.36
+50	Page 33		12.9	145.0
J.P.		0.89	145.85	12.96 144.96
2+00			9.5	136.4
J.P.		0.26	133.18	12.93 132.92
+28			4.0	129.2
+50			14.1	119.1
+58			19.4	113.8
+80	m.H. Sta. 0+00		8.63	124.55
	Page 30			
0+00	m.H. Sta 0+00	145.85	10.80	135.05
J.P.	Page 29	0.65	135.70	
+50			8.3	132.4
+81	↓		7.2	128.5
J.P.		0.49	123.24	12.95 122.75
1+00			2.7	120.5
J.P.		0.00	110.35	12.89 110.35
+39.5	Sub Sta. 0+00		9.60	100.75
J.P.		0.21	97.65	12.91 97.44
+50	Page 28		1.5	96.2

Sheet 24

about 13' deep.

Sta.		H.I.	Rod	Elev.
J.P.		74.7		94.01 86.54
1+88	m.H. Bottom		11.44	82.57
+40	of canyon		12.2	81.8
2+00			10.3	83.7
+20			5.2	88.8
+50			6.5	87.5
+80	m.H. Sta 0+00		10.74	83.27
	Page 27			

Leanyur line from Sta 0+00
Sta 2+80 center of Bay View & on

North + South through
Smiths to Sta. 30+75
Book 370 page 48

50

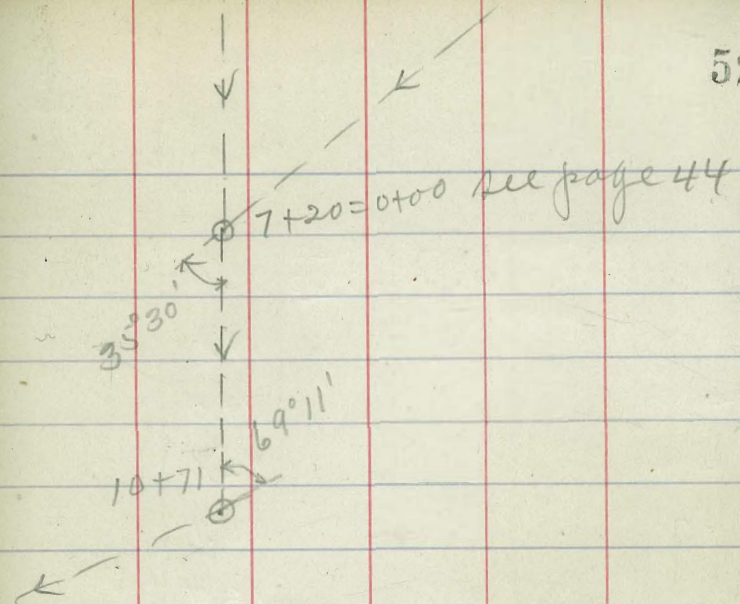
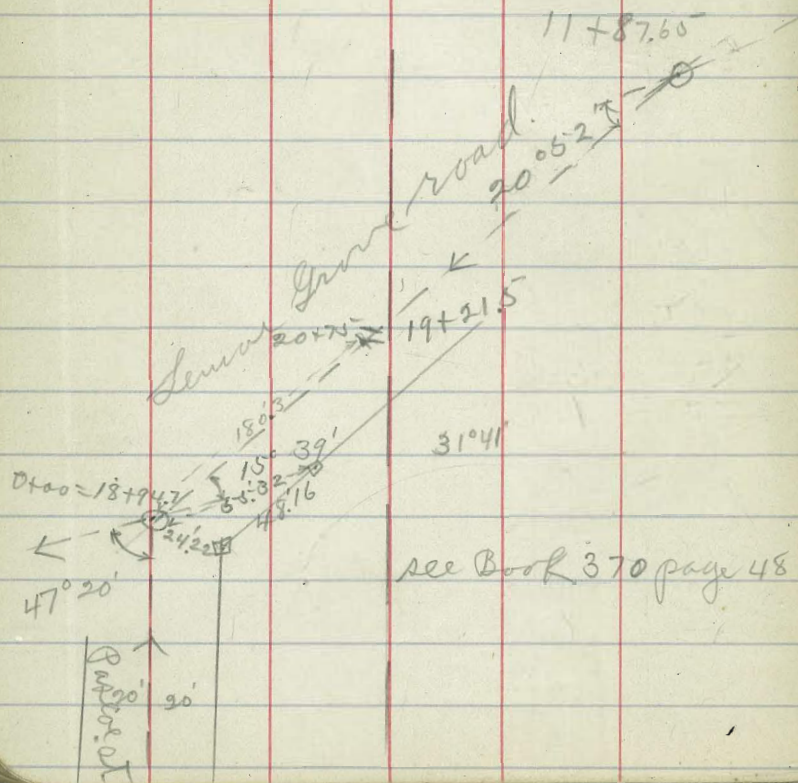
Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
0+00	154.89	1.44	153.5	5+42	0.87	74.73	73.86
+50	147.90	6.6	141.3	+50		3.3	71.4
+71		11.6	136.2	+57		7.0	67.7
1+00		11.8	136.1	+68		7.0	67.2
+50	136.14	3.4	132.7	6+00		16.6	58.1
2+00		9.9	126.2	+11		18.0	56.7
+20	19° 27' R M.H. Sta 0+00	11.59	124.55	+20		16.3	58.4
J.P. +50	center of Bay View	9.1	116.2	+50		11.6	63.1
J.P. +66	0.02 112.24	13.03	112.22	+66		13.9	60.8
+86		2.2	110.0	+68		14.6	60.1
3+00		10.6	101.6	+68		12.0	62.7
J.P. +30	0.30 99.64	10.2	102.0	7+00		12.5	62.2
+50		12.90	99.34	+20		11.76	62.97
4+00		3.2	96.4	J.P. +50		4.5	63.0
+50		4.8	94.8			4.6	62.9
4+00		9.0	90.6	8+00		4.6	62.9
+50		11.1	88.5	+50		4.4	63.1
J.P. +80	0.38 86.92	13.10	86.54	9+00		5.0	62.5
5+00		5.5	81.4	+50		6.0	61.5
		12.3	74.6				

Sheet 29

M.H. Junction of
Leanyur lines
449 67.46

cont. from page 50

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
9+88	<u>67.46</u>	7.0	60.5	16+50	<u>67.46</u>	7.6	59.9
+92		9.0	58.5	17+00		7.9	59.6
10+00		6.9	60.6	+50		8.0	59.5
+50		5.9	61.6	18+00		8.3	59.2
+71	69°11' R M.H. Linnar Grove Blvd.	4.43	63.03	+50		8.7	58.8
11+00		4.2	63.3	19+00		9.4	58.1
+50		4.4	63.1	+21.5	#Sta. 20+75 Book 370 Page 48	9.6	57.9
+87.68	20°52' L M.H. Linnar Blvd.	5.41	62.1				
12+00		5.0	62.5			57.71	
+50		4.2	63.3				
13+00		4.3	63.2				
+50		4.8	62.7				
14+00		5.5	62.0				
+50		6.3	61.2				
15+00		6.7	60.8				
+50		7.0	60.5				
16+00		7.2	60.3				



Sample line from sta
 To sta. 12+15 near Birch St.

7+20 page 50
 Feb. 4/15
 H. Childs
 W. Kerr
 53

Sta.	H.I.	Rod Elev.
0+00	35°30' R foresight north M.H. = Sta 7+20 74.73 Page 50	11.76 62.97
+50		11.1 63.6
1+00		11.0 63.7
+50		12.6 62.1
+86		15.1 59.6
2+00		12.4 62.3
+24		12.3 62.4
+37		9.3 65.4
+50		4.2 70.5
+66		4.7 70.0
+77		9.6 65.1
3+00		10.1 64.6
+50		7.5 67.2
J.P. 4+00	13.08 84.55	3.26 71.47
		12.2 72.4
+37		2.3 82.3
+50		2.2 82.4

Sheet 28

Sta.	H.I.	Rod Elev.
5+00	84.55	1.0 83.6
J.P. +50	11.17 95.16	0.56 83.99 12.2 83.0
+575	36°22' L M.H. = Sta 1488 page 49	12.61 82.55
6+00 J.P. +50	12.59 107.75	6.0 89.2 0.00 95.16 11.8 96.0
+75		7.0 100.8
7+00		6.4 101.4
+50 J.P. 8+00	13.06 120.81	4.0 103.8 0.00 107.75 11.0 109.8
+47	M.H. = Sta.	5.97 114.84
+50 J.P. 9+00	2+86 page 44 11.76 132.57	5.7 115.1 0.00 120.81 13.0 119.6
+50		5.2 127.4
+69		4.8 127.8
+74 J.P. 10+00	12.76 143.12	2.2 130.4 0.21 132.36 12.5 132.6
+50		6.3 138.8

cont. from page 53

Sta.		H.I.	Rod Elev.
J.P. 11+00	13.01	<u>158.13</u>	0.00 145.12 12.8 145.3
+50			8.0 150.1
J.P. 12+00	9.24	<u>164.81</u>	3.3 154.8 2.56 155.57
+15 hrb. F.S.			6.18 158.63

2/17/16 Dunkle
Shaw
Bunker

UP3.5

Levels for Proposed sewer according to sketch
on opp page using sta 7+84 (page 9) as 0+0

B.M. 10.98 224.62 213.64

0+0 = Sta 7+84 $124^{\circ}41'$ 11.0 213.6

+2.5 11.0 Thorn St 213.6

+31 12.3 212.3

+50 10.7 213.9

+65⁴ = S.L. Laurel 9.6 215.0

1 8.3 216.3

+50 5.8 218.8

+91 4.7 219.9

2 5.8 218.8

+10 4.8 219.8

+25 3.5 221.1

+35 3.5 221.1

+45 4.1 220.5

+50 3.8 220.8

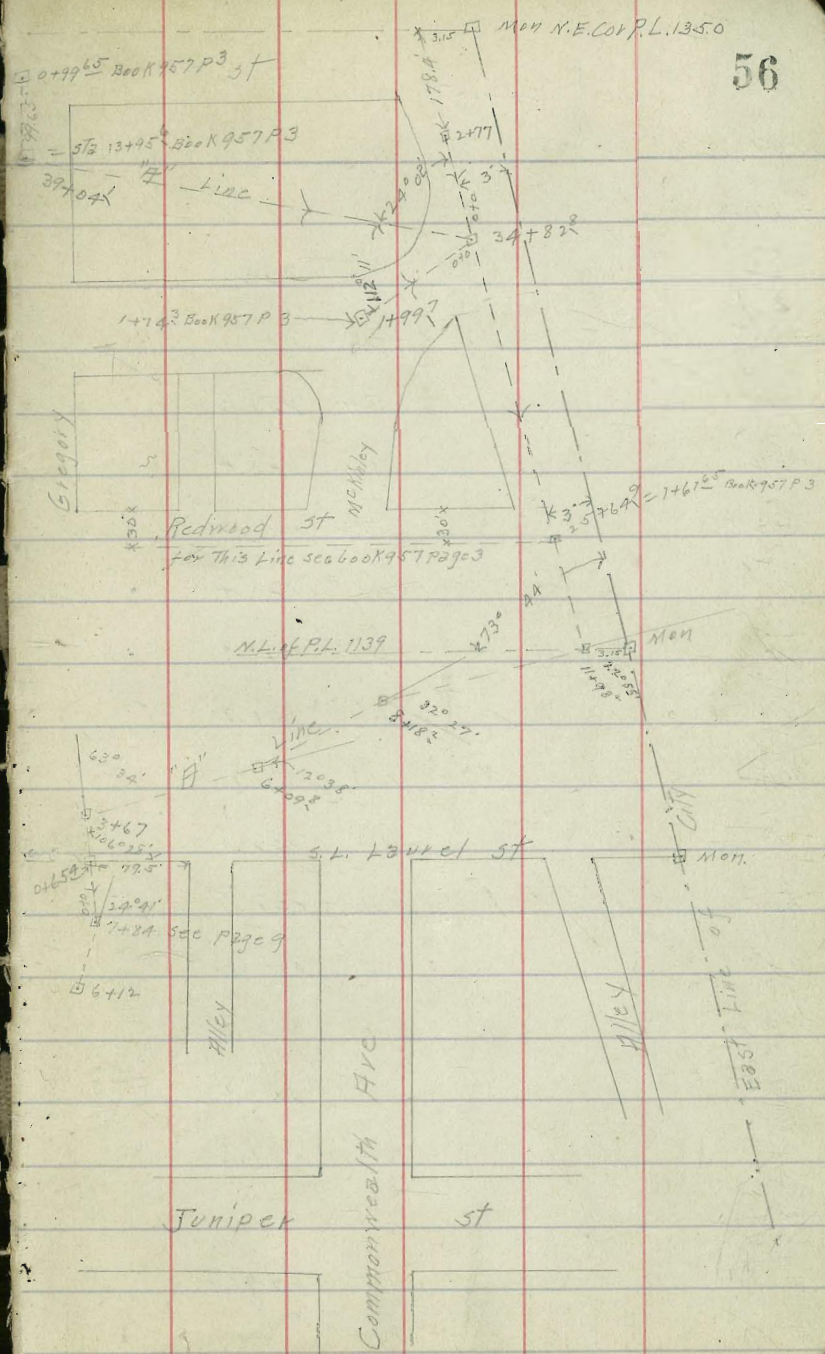
3 0.2 224.4

T.P. 8.14 232.65 0.11 224.51

+50 5.5 229.2

Hillside St

56



		232.65								
3+67	R 63°34'		4.7	228.0		+39		13.0	239.7	
+79			7.1	225.6		+50		13.0	239.7	
+82			8.8	223.9		7		10.0	242.7	
+85			7.6	225.1		+07		9.3	243.4	
4			5.4	227.3		+26		6.5	246.2	
+21			4.3	228.4		+50		4.7	248.0	
+27			5.2	227.5		+59	5	5.4	247.3	
+50			4.3	228.4		+63		5.6	247.1	
+73			2.8	229.9		+77		5.2	247.5	
+83			1.4	231.3		8		2.5	250.2	
T.P.	12.14	243.62	1.17	231.48		+18 ² R	32°27'	11.37	251.32	
5			10.8	232.8		+25	11.34	262.66	11.8	250.9
+15			11.1	232.5		+40		11.0	251.7	
+30			8.8	234.8		+45		10.3	252.4	
+50			5.6	238.0		+50		9.3	253.4	
+25			3.6	240.0		+62		8.2	254.5	
6			2.3	241.3		+72		8.2	254.5	
+09 ⁸	L 12°38'		2.5	241.1		+95		6.6	256.1	
+28			1.9	241.7		9		5.6	257.1	
T.P.	11.00	252.69	1.93	241.69						

		262.66				306.06			
9441			2.3	260.4			5.6	300.5	
+50			0.3	262.4			5.2	300.9	
T.P.	12.67	275.21	0.12	262.54	+50		5.1	301.0	
+65			11.1	264.1	15		5.3	300.8	
+75			5.1	270.1	+50		5.3	300.8	
T.P.	12.31	287.36	0.14	275.05	16		5.7	300.4	
10			10.2	277.2	+50		6.4	299.7	
+08			7.6	279.8	17		7.5	298.6	
+25			4.9	282.5	+50		8.8	297.3	
+50			1.2	286.2	18		10.2	295.9	
T.P.	11.93	299.25	0.04	287.32	+50		11.6	294.5	
+75			9.9	289.4	T.P.	5.65	300.24	11.47	294.59
11			7.2	292.1	19		6.4	293.8	
+50			2.2	297.1	+50		6.5	293.7	
T.P.	7.08	306.06	0.27	298.98	20		6.2	294.0	
+98 ²			6.6	299.5	+50		6.2	294.0	
12			6.6	299.5	21		7.5	292.7	
+50			6.3	299.8	+50		9.7	290.5	
13			5.7	300.4	T.P.	0.28	288.03	12.49	287.75

		288.03		
2240			2.7	285.3
+40			9.4	278.6
+43			9.9	278.1
T.P.	0.23	275.75	12.51	275.52
+50			1.0	274.8
+63			7.3	268.5
T.P.	0.00	263.05	12.70	263.05
+75			1.7	261.4
+88			7.8	255.3
+95			9.9	253.2
23			8.5	254.6
+12			3.8	259.3
T.P.	12.16	274.98	0.23	262.82
+25			9.7	265.3
+37			4.3	270.7
T.P.	12.26	286.94	0.30	274.68
+50			11.8	275.1
+59			9.5	277.4
+63			7.7	279.2

		286.94		
23475			5.3	281.6
+95			2.2	284.9
44			1.9	285.0
T.P.	9.60	295.92	0.62	286.32
+50			7.8	288.1
25			6.1	289.8
+50			4.6	291.3
+64 ⁹	= 30.5. of N.L. Redwood		3.8	292.1
+75			3.5	292.4
26			4.7	291.2
+50			5.0	290.9
27			5.7	290.2
+50			5.9	290.0
28			6.0	289.9
+50			5.9	290.0
29			5.7	290.2
+40			5.9	290.0
+50			6.5	289.4
T.P.	1.33	290.81	6.44	289.48

290.81

296.32

30+0		3.7	287.1
+50		3.3	287.5
31		4.6	286.7
+50		5.7	285.1
32		7.8	283.0
+50	3cut O.K.	12.1	278.7
33		11.7	279.1
+50		10.7	280.1
+70		10.6	280.2
+88		9.0	281.8
34		9.3	281.5
+25		10.0	280.8
+28		6.7	284.1
+47		0.2	290.6
T.P.	5.87	296.32	0.36 290.45
+50		5.2	291.1
+70		5.1	291.2
+82 ⁸	L 24° 02'	8.05	288.27
35		12.1	284.2

35+05		13.8	282.5
+50		12.5	283.8
+68		12.3	284.0
36		9.5	286.8
+17		7.7	288.6
+28		11.1	285.2
+35		9.5	286.8
+50		8.4	287.9
+68		8.0	288.3
+71		9.3	287.0
+7A		8.0	288.3
37		6.3	290.0
+50		5.4	290.9
+88		3.7	292.6
38		2.6	293.7
+50		2.3	294.0
T.P.	12.35	306.78	1.89 294.43
+67		11.4	295.4
+80		6.3	300.5
39		6.1	300.7

+04 = Gregory

6.36 300.4

Levels 3' west of City Line on Boundary
 St from Sta 34+82³ page 56 north for 277'
 sketch page 56

B.M.	12.08	300.35	288.27
0+0=Sta 34+82 ³ Trunk Line	12.1	288.3	
+25	13.6	286.8	
+50	11.8	288.6	
1	4.7	295.7	
+50	1.4	299.0	
T.P.	8.24	307.87	0.72 299.63
2	6.3	301.6	
+50	4.4	303.5	
+77	3.2	304.7	

Levels - McKinley St from Sta 34+82³ page 56
 in Southwesterly direction for 199.7' to old Sta 1+74.3³ in
 book 957 page 3 (sketch page 56) 61

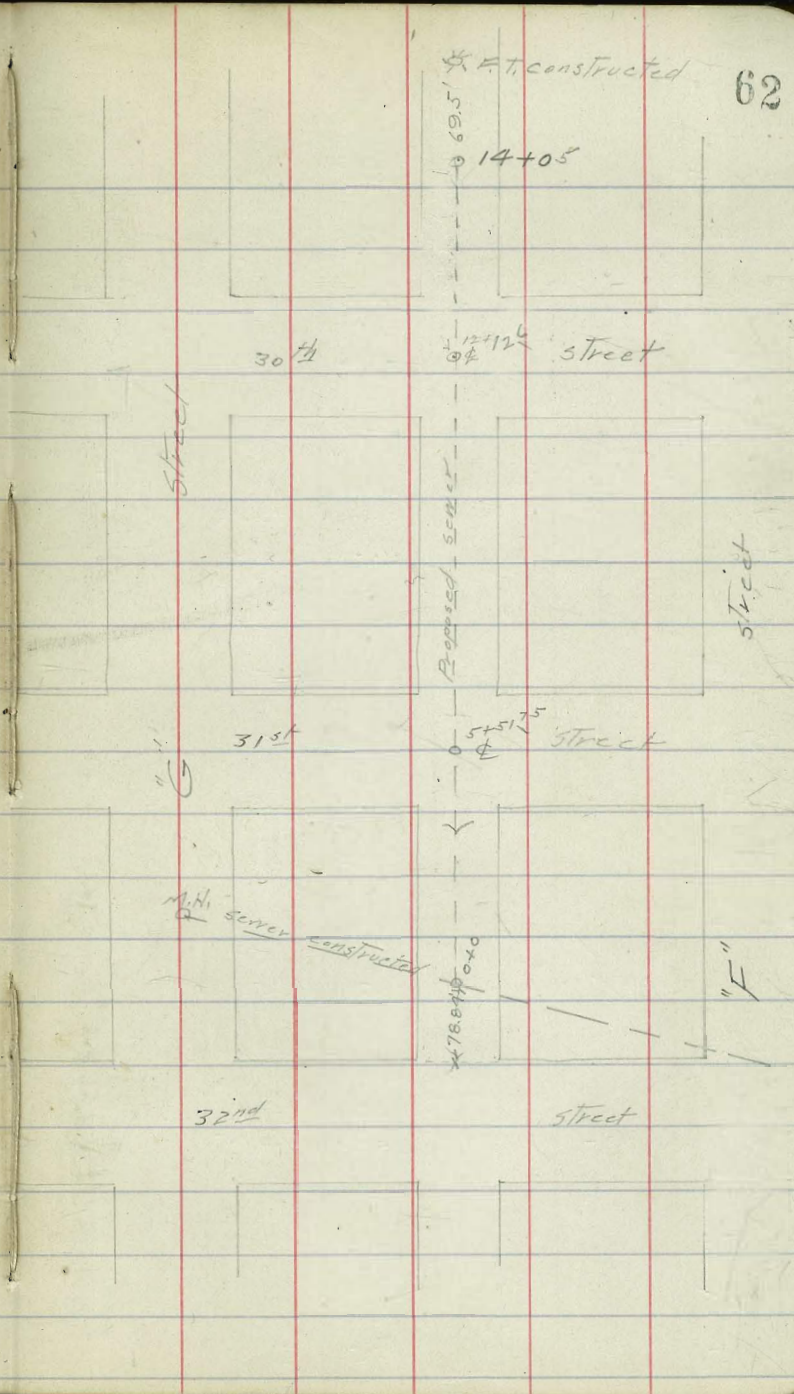
B.M.	12.53	300.80	288.27
0+0=Sta 34+82 ³	12.5	288.3	
+07	14.3	286.5	
+27	2.9	291.9	
+50	7.4	293.4	
1	3.5	297.3	
T.P.	9.92	309.97	0.75 300.05
+50	8.7	301.3	
+99.7	4.5	305.5	

Preliminary sewer - see sketch opp. page
 Duntle
 Gregory
 Moore
 Shan

* F.T. constructed

62

B.M., S.W. Man 32" F"				94.16
B.M.	6.78	100.94		
0+0			11.6	89.3
+25			9.9	91.0
+50			7.5	93.4
+80			3.9	97.0
1			2.6	98.3
+25			0.6	100.3
T.P.	13.07	113.57	0.44	100.50
+50			10.2	103.4
+75			8.2	105.4
2			6.4	107.2
+25			4.3	109.3
+50			2.3	111.3
T.P.	12.92	125.83	0.66	112.91
+75			12.1	113.7
3+0			9.0	116.8
+25			4.8	121.0
+50			0.2	125.6
T.P.	12.95	138.54	0.24	125.59
+56			10.8	127.7
+75			6.8	131.7
4	cut 7'		1.1	137.4
T.P.	11.33	149.54	0.23	138.31



149.54

4+25			8.5	140.7
+50			6.4	143.1
+75			4.8	144.7
5	cut 8'		4.2	145.3
+25			2.9	146.6
+57.25	310'		1.6	147.9
T.P.	11.54	160.61	0.44	149.10
+75			11.2	149.4
6			9.3	151.3
+25			4.9	155.7
+50			3.6	157.0
+75			4.9	155.7
7			6.2	154.4
+25			6.0	154.6
+50	cut 17'		5.6	155.0
+75			2.2	157.4
8			0.9	159.7
T.P.	7.32	167.47	0.46	160.15
+25			5.3	162.2
+50			4.6	162.9
+75			7.3	160.2
+95			9.5	157.6

167.47

9+0			9.2	152.3
+15			6.7	160.3
+25			6.1	161.4
+50			6.5	161.0
+75			6.7	160.8
10+0			6.3	161.2
+25	cut 19'		7.1	160.4
+50			8.6	158.9
+75			10.3	157.2
11			13.8	153.7
+25	cut 13		17.0	150.5
+40			13.6	153.9
+50			9.7	157.8
+60			7.7	159.6
+75			7.9	159.6
12	cut 5'		7.6	159.9
+126	307 1/2 ft		7.6	159.9
+25			7.8	159.7
+50			7.3	160.2

167.97

12+75

6.0

161.5

13+0 cut 5'

5.8

161.7

+25

5.9

161.7

+50

5.9

161.7

+75

6.1

161.4

14+05 = End cut 7'

5.4

162.1

sewer & Alley between F & G streets from point
 on existing sewer (which is 350' W of W.L. 30th St) east
 for 300' to N.H. 50' W of W.L. 30th St

Station	+R	H.I	-R	Elev	grade	cut
13. M. S. Brass Plg 30th St				166.99		
	2.26	169.25				
0+0			10.7	153.7	153.15	5.6
+25			7.50	161.75	153.47	8.3 ✓
+50			6.23	163.02	153.79	9.2 ✓
+75			5.04	164.21	154.11	10.1 ✓
1			4.27	164.98	154.43	10.6 ✓
+25			4.42	164.83	154.75	10.1 ✓
+50			5.56	163.69	155.07	8.6 ✓
+75			6.35	162.90	155.40	7.5 ✓
2 -			7.59	161.66	155.72	5.9 ✓
+50.			7.48	161.77	156.36	5.4 ✓
3+0 N.H. 50' W of W.L. 30th St			7.38	161.87	157.00	4.9 ✓

1/19/18 Dunkle
 Shaw
 Bunker

66.38	66.38	66.38	66.38	66.38	66.38	66.38	65
53.97	53.77	54.11	54.43	54.75	55.07	55.07	
12.91	12.59	12.27	11.95	11.63	11.31	11.31	
161.75	161.66	161.66	161.66	161.66	161.66	161.66	66.38
4.63	4.95	4.95	4.95	4.95	4.95	4.95	55.40
166.287	166.117	166.117	166.117	166.117	166.117	166.117	10.98

Profile - Sheet B-8

Sec 467-68

Levels along lot line bet Arctic & Cal. from ϕ Grapes to ϕ Walnut
 to ϕ Nutmeg to original E. Line California to ϕ Walnut

31.71

66

L	+	H1	-	E10r				
	0.65	44.67		44.02	SW Grapes & India	800- N. Line Ivy	8.5	23.2
	5.61	39.53	10.75	32.92		9	6.6	25.1
000 = ϕ Grapes			1.28	24.7		+02	8.1	23.6
+40			1.44	25.1		10	9.2	22.5
1			9.8	29.7		11 - S. Line Juniper	8.5	23.2
2			10.8	28.7		+40 ϕ	8.9	22.8
T.P.	3.02	33.90	8.65	40.88		+80 N. Line Juniper	8.5	23.2
3			7.7	26.2		+83	6.6	25.1
+40 - S. Line Hawthorn			9.6	24.3		12	6.7	25.0
+54			10.24	23.7		13	6.0	25.7
			11.30	22.6				
ϕ +80			10.5	23.4		T.P.	4.65	30.61
			11.50	22.4			5.75	25.96
4+06			10.86	23.0		14	5.1	25.5
+17			10.2	23.7		+60	12.4	18.2
+21			7.8	26.1		+90	2.8	8.8
+65			8.1	25.8		15+10	2.33	7.3
5			10.7	23.2		+45	8.8	21.8
T.P.	6.07	31.71	8.26	25.14		16+16	4.6	26.0
6+20			7.0	24.7		+20	10.1	20.5
7+20 = S Line Ivy			9.6	22.1		+60	12.4	18.2

		30.61		
16+80			12.0	18.6
+90			4.4	26.2
17			3.6	27.0
+05			10.3	20.3
T.P.	1.61	21.92	3.30	27.31
18+60 = S. Line Laurel			12.2	16.7
19+40 N " "			8.7	20.2
20			10.8	18.1
T.P.	4.95	22.22	11.65	17.27
21			7.2	15.0
22			9.6	12.6
23			10.6	11.6
24			10.6	11.6
25			3.7	18.5
T.P.	6.85	29.01	0.06	22.16
26+20 = SL Nutmeg			4.6	24.4
+60 ♀ "			2.3	26.7
27+60 = ♀ Nutmeg + Old E.L. Cal.			9.6	19.4
T.P.	11.75	33.14	7.62	21.39

Spk Pole Calt Nutmeg.

		33.14		
28			12.5	20.6
29			7.5	25.6
30			2.1	31.0
T.P.	9.77	41.65	1.26	31.88
+40.5 = ♀ Olive			7.8	33.9
31			6.7	35.0
32			4.7	37.0
33			3.4	38.3
+21 = ♀ Palm			3.8	37.9
+40			2.2	39.5
34			9.1	32.6
35			8.1	33.6
36			8.3	33.4
T.P.	4.19	42.29	3.55	38.10
37+01 = ♀ Quince			5.9	36.4
38			7.6	34.7
39			5.0	37.3
40			5.3	37.0
+81 = ♀ Redwood			4.1	37.6

41			47	37.6	
42			56	36.7	
43			57	36.6	
T.P.	1.20	37.28	627	36.02	✓
44			10	36.3	
+24			16	35.7	
+34			77	29.6	
+61-♀ Spruce			80	28.9	
45			21	35.2	
46			60	31.3	
47			86	28.7	
48			107	26.6	
+41-♂ Sassafras			120	25.3	
T.P.	0.41	26.72	1097	26.81	✓
49			21	24.6	
50			37	23.0	
51			82	18.5	
52			111	15.6	
+21-♂ Thorn			122	14.5	

53			146	12.1	
54			156	14.1	
55			103	16.4	
+61-♀ Upas	1		92	17.5	
T.P.	789	30.09	452	22.20	✓
57			117	18.4	
58			100	20.1	
59			88	21.3	
+45			64	23.7	
+81-♂ Vine			36	26.5	
60			39	26.2	
61			43	25.8	
62			49	25.2	
63			28	27.3	
+61-♂ Walnut			22	27.9	
T.P.			382	26.27	✓ More Calif Walnut.

Levels over Arctic St. Grape to Nutmeg
for proposed sewer. 15' E of W. L. of St

$\frac{12}{10}$ Darr's
Roane
 $\frac{18}{18}$ Sherrin

36.18

69

	0.69	44.91	44.02	BM. 145 W. Grape 12.12.10
T.P.	2.70	36.98	10.43	34.28 ✓
0+00 = Grape			4.7	32.3
1			2.5	34.5
2			3.9	33.1
3			5.0	32.0
+80 = Hawthorn			5.9	31.1 ✓
4			6.8	30.2
5			8.0	29.0
6			9.0	29.0
7			9.9	28.1
+60 = Ivy			8.6	28.4
T.P.	7.21	36.18	8.01	28.97 ✓
8			7.5	28.7
9			6.1	30.1
10			8.4	27.8
11			7.0	29.2
+40 = Juniper			6.4	29.8
12			7.0	29.2

13			5.4	30.8
14			5.8	30.4
+75			5.8	30.4
15+10			2.9	7.2
+61			5.7	30.5
16			6.6	29.6
T.P.	7.66	37.19	6.65	29.53 ✓
17			7.8	29.4
18			6.2	31.0
19 = Laurel			5.0	32.2
20			6.8	30.4
21			9.1	28.1
22			10.3	26.9
23			9.7	27.5
24			7.7	29.5
T.P.	11.17	40.75	7.61	29.58 ✓
25			8.0	32.8
26			2.1	38.1
+10 = Nutmeg			0.1	40.7

Levels over $\frac{1}{2}$ Beardsley from Alley 50 of R.R. Ave to $\frac{1}{2}$ Colton - on $\frac{1}{2}$ Colton to $\frac{1}{2}$ Sigbee - on $\frac{1}{2}$ Sigbee to $\frac{1}{2}$ Newton on $\frac{1}{2}$ Newton to middle of block bet Sigbee & 16th thence along middle of blocks to $\frac{1}{2}$ Logan Ave

$\frac{12}{11}$ } Davis
Roche
 $\frac{18}{18}$ } Sherwin

17.43

	0.50	28.38		2788 - BM. Pt. at NW Newton & Beardsley	13		9.1	8.3	
T.P.	0.03	16.46	11.95	1643	✓	12	7.1	10.3	
Station $\frac{1}{2}$ Alley 50 of R.R. Ave. & Sankers			12.9	3.6		15	5.1	12.3	
1			12.3	4.2		16	4.9	12.5	
2			11.0	5.5		17	4.9	12.5	
3			10.1	6.4		18	3.7	13.7	
4			7.6	8.9		19	2.9	14.5	
5			5.1	11.4		+90 = $\frac{1}{2}$ Newton	14	16.0	
+70 = $\frac{1}{2}$ Colton			36	12.9		T.P. 3.41	18.75	2.09	15.34 ✓
6			4.4	12.1		20+20 = W. Sigbee	34	15.4	
T.P.	5.72	17.42	4.76	11.70	✓	21	5.0	13.8	
7			3.3	14.1		22	7.3	11.5	
8			5.0	12.4		23	9.5	9.3	
9			5.9	11.5		+20	10.0	8.8	
10			7.4	10.0		+5.9	9.4	9.4	
11			9.2	8.2		+6.2	5.2	13.6	
12			10.7	6.7		24	5.0	13.8	
+30			11.7	5.7		25	5.4	13.4	
T.P.	9.51	17.43	9.50	7.92	✓	26	7.0	11.8	

18.75

27- ϕ Noll			5.5	13.3	
+40			53.9 60.9	14.9 17.9	
T.P.	1016	24.21	470	14.05	✓
T.P.	706	29.40	187	22.34	✓
28+80			58	23.6	
29			53	24.1	
+60			71	22.3	
T.P.	2.52	19.90	1199	17.11	✓
30			69	13.0	
+54 = sock Logan			5.5	14.4	
+54 Cnttr			62	13.7	
+80- ϕ Logan			5.1	14.8	✓

12/22/23

Sewer Construction
 to Bancroft St
 from 150' N. of N.L. of Maple St
 to 260' S. of 32' ✓

49
 135
 504
 5014

72

Present	447	303.07	298.60	BP. 311.32 nd Lvl
M.N. of Bancroft St 150' N. of N.L. of Maple St = 0+00	2.14	304.14	1.37	301.70
				287.5
0+47.5		10.63	293.51	287.87
				+5.64
0+95		11.08	293.06	288.25
				+4.81
1+42.5		10.77	293.37	288.62
				+4.75
1+90 = M.N. of Maple		9.18	294.96	289.0
				+5.96
2+40		6.34	297.80	290.0
				+7.80
2+90		4.77	299.37	291.0
				+8.37
3+40		3.29	300.85	292.0
				+8.85
3+90		2.03	302.11	293.0
				+9.11
4+40		2.23	301.91	294.0
				+7.91
4+90 = DE		2.77	301.37	295.0
				+6.37
T.P.	4.62	300.73	8.03	296.11

12/22/23

sewer construction
 & Bancroft
 from 40' S. of S. L. of Laurel St
 to 250' S. of - - - Juniper St

73

30073 from page 72

DE. 40' S. of
S.L. Laurel St
= D+00

	523	295.50	288.5	+7.00
0+50	637	294.36	288.17	+6.19
1+00	739	293.34	287.83	+5.51
1+50	773	293.00	287.5	+5.50
2+00	647	294.26	287.17	+7.09
2+50	634	294.39	286.84	+7.55
3+00 = M.H. & Kalmia	768	293.05	286.51	+6.54
3+50	517	295.36	286.18	+9.38
4+0	464	296.09	285.84	+10.25
4+50	475	295.98	285.51	+10.47
5+00	542	95.31	285.18	+10.13
5+50	470	95.93	284.95	+11.03
6+00	495	95.78	284.52	+11.26
6+40	524	95.49	284.26	+11.23
6+80 = M.H. & Juniper	618	94.55	284.0	+10.55
7+00	684	93.89	284.10	+9.79
+50	722	93.51	284.36	+9.15
8+00	779	92.96	284.62	+8.34
8+50	886	91.87	284.88	+6.99

300.73

17
20
2500

74

9+00 1017 29056 285.13 +5.43

+50 1198 88.75 285.39 +3.86

50 Not
+70 D.E. by St. 1275 8998 285.5 +2.48

12/24/23

Sewer Construction
 & Juniper St
 from E. of Bancroft St to
 31' W. of E.L. of 32nd St
 thence on a line 27.6 E of 9nd
 parallel to the W.L. of 32nd St
 to DE 50' N of N.L. of 1st

M.H. Sta	230	96.85	94.55	286.6	284.0	
0+00						
+50		1.70	95.15	283.53	+11.62	
1		2.41	94.44	283.07	+11.37	
+50		3.14	93.71	282.61	+11.10	
2		3.80	93.55	282.15	+11.40	
+50		4.00	92.85	281.69	+11.16	
+71	M.H. 27.6 E of W.L. 32nd		4.32	92.53	281.5	+11.03
3		5.22	91.63	281.20	+10.43	
+50		6.94	89.91	280.68	+9.23	
4		9.22	87.63	280.16	+7.47	
+50		11.83	85.02	279.65	+5.37	
+63.5	M.H. 27.6 4.35	89.00	12.20	84.65	279.5	+5.15
5+12.3		6.00	83.00	279.75	+3.25	
5+61	DE 25.9 W. of E.L. of 32nd 0.50' N of N.L. of 1st		7.07	81.93	280.0	+1.93

12/27/23

Sewer Construction
to Alley between Ivy & Juniper
from a line 27.6' E. of W.L. 32nd
to present sewer 57' W. of W.L. of 32nd

76

M.H. Sta 4+63.5 page 75

20+00

19.00 from page 75

2795

0+423

4.53

8447

279.25

+5.22

0+846 = present DE

4.67

8433

279.0

+5.33

W E Bliss
 Duermit
 Jacobson
 Kiernan
 Jan 10, 1929
 BM SW 34
 Vestar Main

Levels in Pond North of
 Main Between Woden Sama

H.I.
 10 31

77

	+	H	-	Elev
	1.06	17.69		16.63

T.P.	3.31	12.73	8.27	9.92
------	------	-------	------	------

Rods				
#1			9.6	3.1

#2			9.5	3.2
----	--	--	-----	-----

#3			9.0	3.7
----	--	--	-----	-----

#4			9.2	3.5
----	--	--	-----	-----

#5			8.4	4.3
----	--	--	-----	-----

#6			8.2	4.5
----	--	--	-----	-----

T.P.	5.03	10.31	7.45	5.28
------	------	-------	------	------

Flow line				
#1			7.97	2.84

#2			7.99	2.86
----	--	--	------	------

#3			8.20	2.11
----	--	--	------	------

Water Su			5.6	4.71
----------	--	--	-----	------

#1			5.1	5.2
----	--	--	-----	-----

#2			5.9	4.9
----	--	--	-----	-----

#3			5.7	4.6
----	--	--	-----	-----

Top Grate			4.4	5.9
-----------	--	--	-----	-----

Flow			7.0	3.3
------	--	--	-----	-----

Flow			7.0	3.3
------	--	--	-----	-----

on Ground 100'S.			8.5	1.8
---------------------	--	--	-----	-----

set RR Sp. Pole. N.V.V.
 1/2 1929

4.6 0.7

3.63 6.68

Bill Bliss
 Joe Overmit
 J. Jacobszon
 1/30/29

Location of Curb Inlet and
 Armo steel culvert on Udal Street
 East of Warrington Ocean Beach District

343
 903
 1226
 78

8M. SE
 BPV. flare: 1.64 97.99 96.35

East End Rough Concrete Gutter 9.29

West End " " " 9.59

ctr of Cb Inlet flow. 10:07

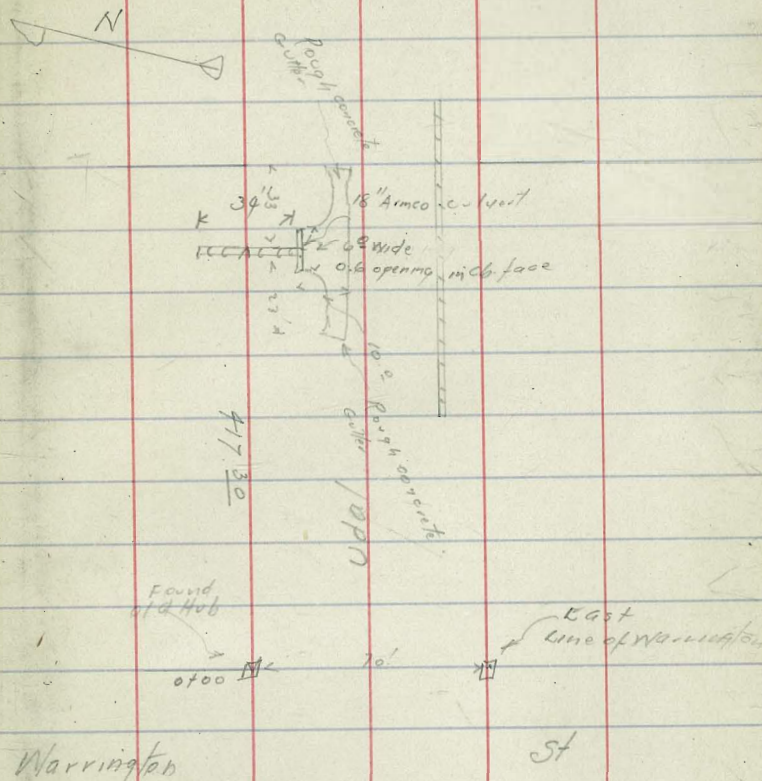
ctr 18" Armo. Flowline 12.96

T.P. 4.83 89.83 12.99 85.00

Flowline 18" Armo. pipe outlet 13.46

T.P. 11.77 99.17 2.43 87.90

check on
 starting BM 282 96.35



$$\begin{array}{r} 322.5 \\ 60.0 \\ \hline 382.5 \\ 15.0 \\ \hline 397.50 \end{array}$$

$$\begin{array}{r} 477.00 \\ 397.50 \\ \hline 79.50 \\ 166.99 \end{array}$$

S.E. Cor. 30th & F.

$$\begin{array}{r} 167.97 \\ 0.50 \\ \hline 166.87 \end{array}$$

$$\begin{array}{r} 12.3 \\ 5.0 \\ \hline 7.0 \end{array}$$

$$\begin{array}{r} 136^{\circ} 13' \\ 240^{\circ} 00' \\ \hline 112^{\circ} 11' \end{array}$$

.01039 | 100.00

100 | .01039

.01039 | 2.00006 192.5

$$\begin{array}{r} 9410 \\ 9351 \\ 2590 \\ 2078 \\ 5120 \\ \hline 5195 \end{array}$$

$$\begin{array}{r} 271 \\ 1945 \\ \hline 4635 \end{array}$$

$$\begin{array}{r} 1125 \\ 885 \\ \hline 240 \end{array}$$

$$\begin{array}{r} 306.78 \\ 6.29 \\ \hline 300.49 \\ 12.06 \end{array}$$

$$\begin{array}{r} 1060 \\ 1985 \\ \hline 1182.6 \\ 223 \end{array}$$

$$\begin{array}{r} 11.50 \\ 37.60 \\ \hline 20 \\ 12.07 \end{array}$$

$$\begin{array}{r} 550 \\ 14.75 \\ \hline 561.75 \end{array}$$

$$\begin{array}{r} 1125 \overline{) 6750} \\ \underline{6750} \\ 0 \end{array}$$

$$\begin{array}{r} 340 \\ 11325 \\ \hline 14725 \end{array}$$

$$\begin{array}{r} 9.00 \\ 557.5 \\ 342.5 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 6.75 \\ 1.44 \\ \hline 5.31 \end{array}$$

$$\begin{array}{r} .6 \\ 240 \\ \hline 1.440 \end{array}$$

$$\begin{array}{r} 655 \\ 6 \\ \hline 3930 \end{array}$$

$$\begin{array}{r} 295.92 \\ 4.7 \\ \hline 291.2 \end{array}$$

$$\begin{array}{r} 348 \\ .6 \\ \hline 2088 \end{array}$$

$$\begin{array}{r} 531 \\ 37 \\ \hline 492 \end{array}$$

$$\begin{array}{r} 295.92 \\ 5.8 \\ \hline 290.0 \end{array}$$

$$\begin{array}{r} 32.50 \\ 12.00 \\ \hline 20.50 \end{array}$$

$$\begin{array}{r} 75-2.5 \\ 460 \end{array}$$

$$\begin{array}{r} 290.0 \quad 23.19 \\ \hline 22735 \\ 278.7 \quad 2050 \quad 455 \\ \hline 219.5 \end{array}$$

$$\begin{array}{r} 292 \end{array}$$

$$\begin{array}{r} 1207.6 \\ 551.7 \\ \hline 656.4 \end{array}$$

$$\begin{array}{r} 21.00 \end{array}$$

$$\begin{array}{r} 25735 \\ 80 \\ \hline 26535 \\ 300 \end{array}$$

$$\begin{array}{r} 22+70 \\ 60 \\ \hline 23.30 \end{array}$$

$$\begin{array}{r} 275.00 \\ 5 \\ \hline 267 \end{array}$$

$$\begin{array}{r} 2540 \\ 130 \\ \hline 2670 \end{array}$$

$$\begin{array}{r} 37.6 \\ 20.0 \\ \hline 57.6 \end{array}$$

$$\begin{array}{r} 299.00 \\ 267 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 2953.5 \\ 80 \\ \hline 3033.5 \\ 175 \\ \hline 3208.5 \end{array}$$

$$\begin{array}{r} 535 \\ 165 \end{array}$$

$$\begin{array}{r} 37.6 \\ 20.0 \\ \hline 57.6 \end{array}$$

$$\begin{array}{r} 1292.5 \\ 551.7 \\ \hline 651.0 \end{array}$$

$$\begin{array}{r} 89 \quad 55 \\ 16 \quad 07 \\ \hline 73 \quad 48 \end{array}$$

$$\begin{array}{r} 865.4 \\ 597.5 \\ \hline 267.9 \end{array}$$

$$\begin{array}{r} 37.6 \\ 20.0 \\ \hline 57.6 \end{array}$$

$$\begin{array}{r} 1207.6 \\ 551.7 \\ \hline 656.0 \end{array}$$

90.0
 114.0
 113.85
 22.785

700 11400 - 185.67
 480 5+30 - 169.85
 270

196.20
 0.06
 196.26
 58.205 176.86 HI-
 12.98
 50 24.3 183.28 SP
 0.17
 7.962 183.45 HI-F

10.00
 195.67 HI
 0.21
 195.46 J.P.
 12.82
 208.28 HI
 0.08
 208.20 J.P.X
 11.60
 219.80 HI
 0.42
 219.38 J.P.
 12.27
 231.65 HI
 0.13
 231.52 J.P.
 12.75
 244.27
 0.30
 244.09 J.P.
 12.78
 256.87 HI
 0.29
 256.58 J.P.
 11.47
 268.05 HI
 0.17
 267.88 J.P.
 7.62
 275.50 HI

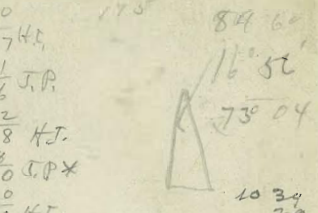
1.95
 270.79
 272.74 HI
 12.83
 259.91 J.P.
 6.07
 265.98 HI

647
 Alloys. 261.58 J.P.X

68.46
 80
 27.45

1476
 290
 1766

340
 108.9
 33.5
 519.5
 34.17
 348.63



X = 59351
 2078
 30134
 1198
 274.60
 207030

1.6989705
 9.9807505
 7.7182195

52.266
 8
 418.128
 41.8
 460.0

662
 40
 26480
 2270
 270
 2540
 517
 10260

376
 200
 576
 735
 760
 460
 938
 292

150
 12.7
 13.73
 311.67
 360
 621.07
 126
 495
 1150
 376
 20
 12076
 150
 576
 1207.6
 153.52
 323.1
 75.89
 17.00
 330
 323.5
 7384
 7130

14.65
 148
 13.17
 13.48
 7.82
 141.30
 13.01
 13.62
 348.5
 481.5
 655
 896.5
 271.10
 15.5
 15.50
 323.6
 60
 383.6
 210
 593.6
 660
 655.6
 557.5
 650
 1207.5
 1130
 14650
 1130
 3380
 130
 120
 2600
 130
 156

155
 183.48
 7.82
 141.30
 401
 79.5
 307
 500.00
 42132
 305.0
 112
 264
 132
 132
 14784

12343
 3546
 88
 87057
 1584
 1130
 250
 880
 138
 1018

1130
 14650
 1130
 3380
 130
 120
 2600
 130
 156

130
 112
 260
 130
 130
 130
 1456

