1503

BAKER

LEVEL BOOK

No. 380F

Our Leather Bound Engineers Note Books are carried in the following rulings:

No. 380 LEVEL BOOK. Left and Right Hand Page the same as Left Hand Page of this Book.

No. 382 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 4 x 4 to the inch, Center Line Red.

No. 384 MINING TRANSIT BOOK. Left Hand Page as in this Book, Right Hand Page 8x8 to the inch, Center Line Red.

No. 385 FIELD BOOK. Left Hand Page as in this Book, Right Hand Page 8 vertical and 4 horizontal lines to the inch, Center Line Red.

We also carry the Note Books listed above, bound in extra strong Fabri-Hide (otherwise the same quality of book), which can be furnished at a somewhat lower price.

In ordering Fabri-Hide covered books, add the letter *"F"* to catalog number.

THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

X Sec. ~~Alley~~ on E. Side.
Mt. View Park. West of
Old City Boundary. 20' Wide
Boundary St.

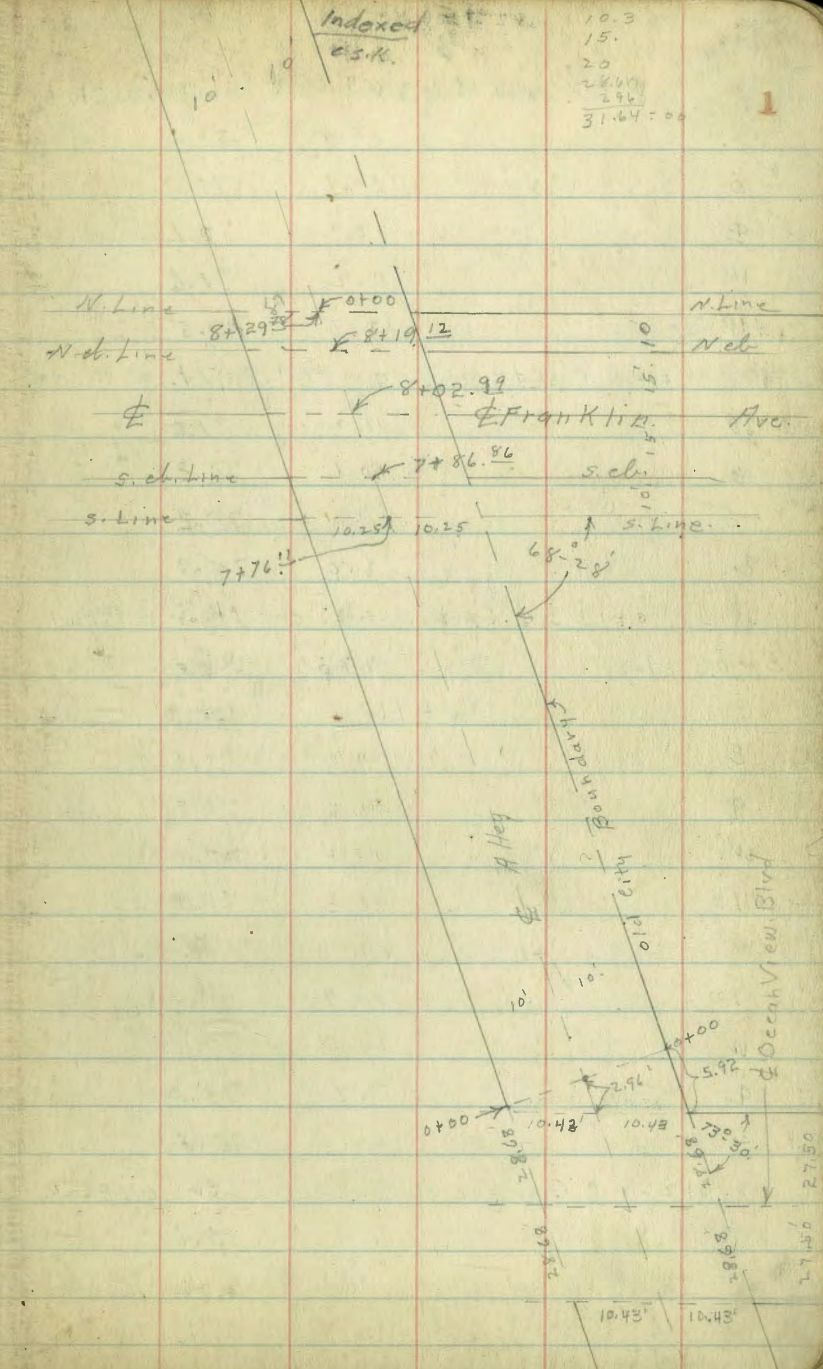
6-21-34
Miller
Walker
Bliss

N.W. 40th + Ocean View Blvd.

BM. 7' C.T.	0.57	82.75		82.18
	℄ Ocean View. Blvd.			
-10.43	℄ Pavmt.		14.44	68.31
E.	" "		14.20	68.55
℄ Alley	" "		14.09	68.66
W.	on "		13.95	68.80
+10.43	" "		13.83	68.92
	10.43' N. = N. Edge Pavmt. Produced West			
-10.43	on Pavmt.		13.93	68.82
W	N. edge Pavmt.		14.08	68.67
℄ Alley N. edge Pavmt.			14.17	68.58
E.	" " "		14.30	68.45
+10.43	" " "		14.47	68.28
	15' N of ℄ Parallel to Oceanview			
-10.43			14.6	68.2
E			14.5	68.3
℄			14.3	68.5
W			14.1	68.7
+10.43			14.0	68.8
	20' N. of ℄ Parallel to Ocean View			
-10.43			13.8	69.0
W.			12.3	70.5
℄			11.1	71.7
E			14.0	68.8
+10.43			14.0	68.8

Plotted

Indexed
E.S.K.



82.75

I

28.68' N. of ℄ = N. Line Ocean View Blvd

-10.43		10.9	71.9
E		10.9	71.9
℄		10.7	72.1
W		11.2	71.6
+10.43		12.3	70.5

31.64' N. of ℄ = 0+00 Plat. Page 1, at 90°-00

W		11.2	71.6
℄		10.6	72.2
+5		9.6	73.2
E.		8.0	74.8

0+13 = ℄ Garage on E. cmt. floor 0.8' Back

E - 0.8 floor		8.90	73.85

0+16

E		9.0	73.8
℄		9.3	73.5
W.		10.4	72.4
+10		11.3	71.5

0+21

-10		10.9	71.9
W		10.0	72.8
℄		7.7	75.1
E		6.4	76.4

0+26 = ℄ Garage on E. Dirt floor 0.6' Back

		4.4	76.4

82.75

0+40

~~Alley~~ W. of ~~Old~~ Boundary

Boundary St.

2

E		6.1	76.7
℄		7.2	75.6
W		8.2	74.6
+10		9.1	73.7

0+71

-10		7.3	75.5
W		5.5	77.3

+8.5 Pepper Tree 18" Diam

℄		4.3	78.5
E		3.8	79.0

1+00

E		3.5	79.3
℄		3.7	79.1
W.		4.2	78.6
+10		5.6	77.2

1+50

-10			4.1	78.7
W.			3.0	79.8
℄			2.1	80.7
+5			1.2	81.6
E			0.9	81.9
T.P.	10.93	92.05	1.63	81.12

2+00

E		6.9	85.2
℄		8.7	83.4
W		10.7	81.4
+10		12.2	79.9

92.05

2+50

-10.		10.3	81.8
W		8.5	83.6
+7		7.8	84.3
℄		6.8	85.3
E		5.0	87.1

2+75. Garage on E. line cmt. floor.

E Floor.		5.88	86.17
3'. W. End. cmt. Apron		6.20	85.85

2+88

E		6.2	85.9
℄		7.2	84.9
W		9.7	82.4
+10		11.0	81.1

3+00

-10		11.3	80.8
W		10.5	81.6
℄		10.0	82.1
E		8.1	84.0

3+25

E		8.0	84.1
+4		9.0	83.1
℄		10.1	82.0
W		10.9	81.2
+10		11.5	80.6

3+50 Garage on E. Line Dirt. floor.

-10		10.1	81.5
W.		9.8	82.3

92.05 ~~Alley W of old City~~ Boundary.
Boundary St.

3

℄		9.0	83.1
E. floor		8.0	84.1

3+65 Garage on E. line Wooden floor

-0.1		6.7	85.4
E		7.0	85.1
℄		8.0	84.1
W.		8.5.	83.6
+10.		9.1	83.0

3+96

-10		6.4	85.7
W.		5.5	86.6
℄		5.2	86.9
E.		4.5	87.6

4+02

7'. E. of ℄ old Cesspool top. caved in should be filled

4+05

E.				1.4	90.7
℄				1.5	90.6
+8				1.9	90.2
W.				2.6	89.5
+3				4.2	87.9
+10				4.7	87.4
T.P.		11.90	102.72	1.23	90.82

102.72

4+30 Garage on E. Line cmt. floor

E. floor	10.50	92.22
3' W. = End cmt. apron	10.76	91.96
4+38		
-10	10.1	92.6
W	10.7	92.0
℄	10.6	92.1
E.	10.6	92.1
4+50		
E	7.3	95.4
℄	8.0	94.7
W	8.0	94.7
+10	8.4	94.3
4+65		
-10	7.4	95.3
-5	7.0	95.7
W	5.5	97.2
℄	5.0	97.7
E	5.1	97.6

4+67 Garage on E. cmt. floor 0.3' Back.

E. -0.3 floor	4.70	98.02
4+78		
E	4.3	98.4
℄	4.0	98.7
W	4.1	98.6
+5	6.4	96.3
+10	6.4	96.3

~~Alley W of City Boundary~~

102.72 Boundary St.

5+00

-10	5.5	97.2
-5	5.5	97.2
W.	1.9	100.8
℄	1.2	101.5
E	1.6	101.1
5+50		
E	1.4	101.3
℄	1.3	101.4
W.	1.2	101.5
+5	4.2	98.5
+10	4.2	98.5
6+00		
-10	3.6	99.1
-3	3.6	99.1
W	2.2	100.5
+2	1.0	101.7
℄	0.6	102.1
E.	0.4	102.3
6+35		
E.	1.5	101.2
℄	1.5	101.2
+8	1.6	101.1
W	2.6	100.1
+10	3.0	99.7

		102.72		
		6+60		
-10			3.8	98.9
W			4.4	98.3
℄			5.7	97.0
E			5.9	96.8
+10			7.7	95.0
		6+80		
-10	in yard		10.5	92.2
-2	in yard		9.5	93.2
E			7.8	94.9
℄			6.2	96.5
W			4.8	97.9
+10			4.4	98.3
		6+85		
-10			4.4	98.3
W			5.2	97.5
℄			6.4	96.3
+4			7.7	95.0
+6			10.4	92.3
E			11.7	91.0
+1	in yard		12.5	90.2
+10	" "		14.5	88.2
		6+91		
-10	in yard		15.4	87.3
-1	" "		12.4	90.3
E			9.7	93.0
℄			7.8	94.9

		102.72	~~Alley W. of old City~~ Boundary	
			Boundary St.	5
W			6.2	96.5
+10			4.2	98.5
T.P.	6.08	98.45	10.35	92.37
		7+15		
-10			+0.5	99.0
W			2.0	96.5
℄			5.0	93.5
E			7.3	91.2
+1	in yard		9.6	88.9
+10	" "		10.3	88.2
		7+55		
-10	in yard		12.8	85.7
-2	" "		11.8	86.7
E			9.9	88.6
℄			7.5	91.0
W			4.3	94.2
+10			1.2	97.3
		7+65		
-10			5.5	93.0
W			7.5	91.0
℄			9.0	89.5
E			11.0	87.5
+4	in yard		13.3	85.2
+10			13.8	84.7

98.45

7+76.11 ℄ = S. Line Franklin Second St. Line

−10.75		15.0	83.5
E		14.4	84.1
℄		14.1	84.4
W		13.2	85.3
+10.75		12.3	86.2

℄ 7+86.86 = S. ch. Line

−10.75		13.4	85.1
W.		14.2	84.3
℄		14.8	83.7
E		15.0	83.5
+3	W. End cmt. ch.	15.2	83.3
+10.75	" "	15.46	82.99

℄ 8+02.89 on ℄ Franklin

−10.75		15.3	83.2
E		15.0	83.5
℄		14.5	84.0
W		13.9	84.6
+10.75		13.0	85.5

8+19.12 ℄ = N. ch. Line

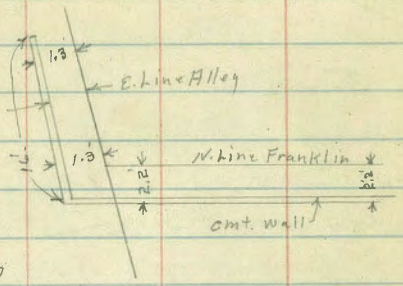
−10.75		12.6	85.9
W		13.5	85.0
℄		14.5	84.0
E		14.8	83.7
+0.5	W. End cmt. ch.	15.28	83.17
+10.75	" "	15.41	83.04

98.45

~~Alley W of City Boundary~~ Boundary St. 6

8+29.78 ℄ = N. Line Franklin Second St. Line = 0+00

−10.75		12.5	86.0
E.		12.4	86.1
+1.2	Top Wall	12.3	86.2
+1.3	Base "	13.7	84.8
℄		13.2	85.3
W		12.2	86.3
+10.75		11.4	87.1



0+30

−10		10.5	88.0
W.		10.7	87.8
℄		11.0	87.5
E.		10.1	88.4
+10		10.3	88.2

0+50

−10		5.0	93.5
E		5.2	93.3
℄		6.7	91.8
W		7.6	90.9
+10		8.3	90.2

98.45

0+65

-10			4.7	93.8
W			3.9	94.6
℄			1.7	96.8
E	In. yard.		1.0	97.5
T.P.	13.03	110.81	0.67	97.78

0+80

-10			14.3	96.5
W			13.0	97.8
℄			11.3	99.5
+9			10.6	100.2
E	In. yard		13.2	97.6
+10	" "		13.2	97.6

1+00

E			7.0	103.8
℄			7.4	103.4
W			7.3	103.5
+10			8.0	102.8

1+20

-10			5.5	105.3
W			5.1	105.7
℄			5.1	105.7
E.			5.3	105.5

1+50

E			4.0	106.8
℄			4.1	106.7
W			3.5	107.3

~~Bdry~~ N of old City Boundary

110.81 Boundary St. 7

+10			3.5	107.3

2+00

-10			2.4	108.4
W.			2.5	108.3
℄			2.4	108.4
E.			2.6	108.2

2+50

E			2.3	108.5
℄			1.8	109.0
W			1.5	109.3
+10			1.1	109.7
T.P.	6.20	115.50	1.51	109.30

3+00

-10			6.0	109.5
W.			6.5	109.0
℄			7.3	108.2
E.			7.6	107.9

3+50

E			7.0	108.5
℄			7.0	108.5
W			6.6	108.9
+10			6.6	108.9

3+94.

6' E. of ℄ Acacia Tree 8" Diam.

	115.50			
	4+00			
-10		5.9	109.6	
W		6.1	109.4	
℄		6.5	109.0	
E		6.7	108.8	
	4+50			
E		7.1	108.4	
℄		6.5	109.0	
W		5.9	109.6	
+10		5.5	110.0	
	4+76 13 = N. End. Mt. View Park.			
-10		4.9	110.6	
W = P.T.	N. line Alley E. " 40th St.	5.6	109.9	
℄		6.5	109.0	
E		6.7	108.8	
+10		6.9	108.6	
	5+15			
-10		5.4	110.1	
E		5.1	110.4	
℄		4.8	110.7	
W		4.3	111.2	
+10		4.1	111.4	
	5+20 1			
20' E. of ℄ = S. Edge Pavmt		5.45	110.05	Imperial Ave.
	5+24 6			
10' E. of ℄ = S. Edge Pav.		5.12	110.38	

~~Alley W. of Old City Boundary.~~ Boundary St 8

	115.50			
	5+27.1			
℄ = S. Edge pavmt.		4.91	110.59	
	5+31 e			
20' E. of ℄ on Pav.		5.42	110.08	
	5+34 2			
10' W. of ℄ = S. edge Pav		4.52	110.98	
	5+37 3			
10' E. of ℄ on Pav.		5.14	110.36	
	5+46 2			
20' W of ℄ = S. edge Pav.		4.05	111.45	
	5+46 7			
℄ on pav.		4.96	110.54	
	5+53 7			
10' W of ℄ on pav		4.36	111.14	
	5+65 3			
20' W of ℄ on Pav.		3.54	111.96	
T.P.	11.71	125.72	1.49	114.01
T.P.	1.34	125.62	1.44	124.28
B.M. B.P. S.E. 39th + Imperial		7.05	118.57 =	118.38

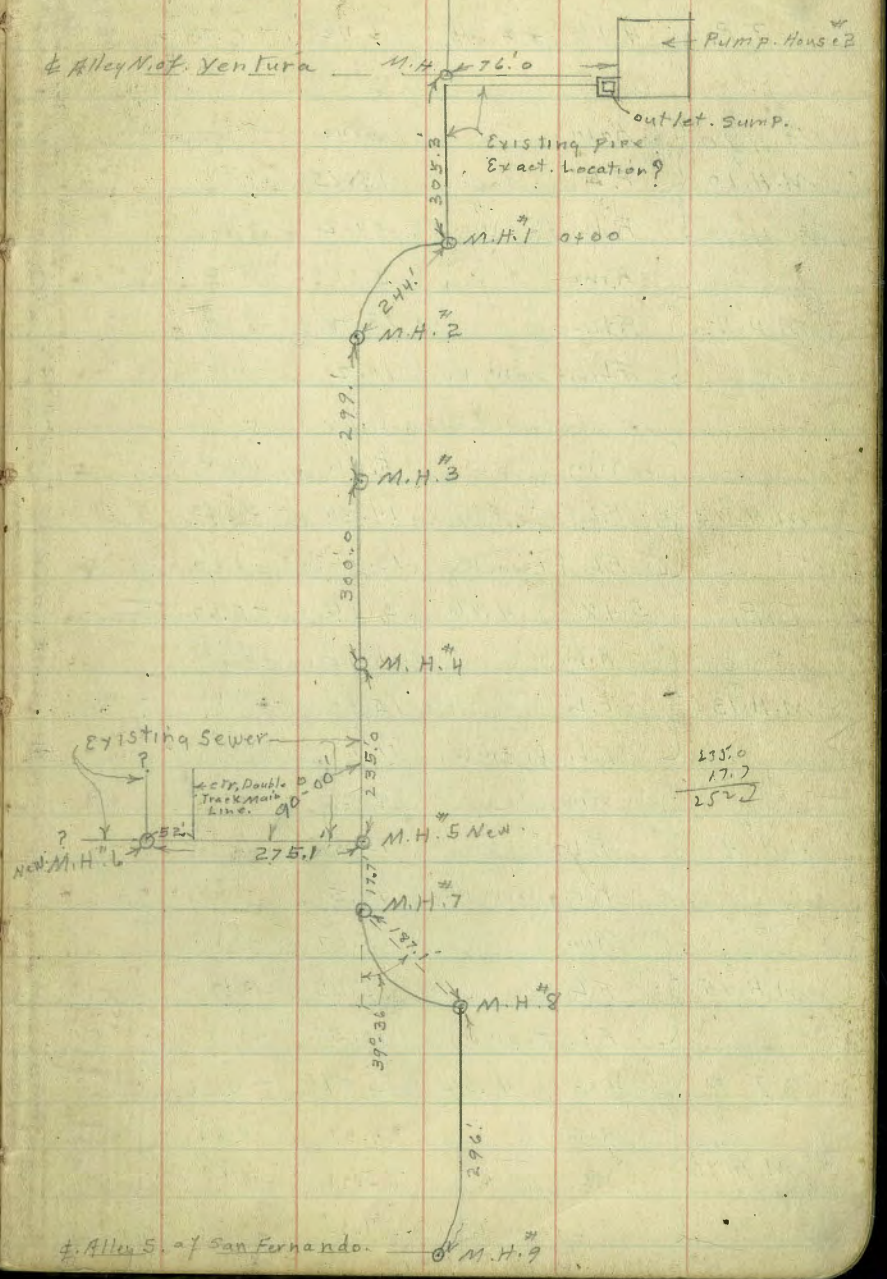
7-4-34
Miller
Walker

Levels on Mission Beach Sewer
Bay Side Lane.

B.M. B.P.	0.24	+7.75		+7.51	Ventura + 18.5 Sea Wall
T.P.	7.59	+5.88	9.46	-1.71	
S.W. Cor. M.H. Rim					
outlet Pump #2 = B.M.			6.98	-1.10	
F.L. outlet at Pump #2			11.02	-5.14	
M.H. #1 {at P.C. at N.W. End Bonita Bay.} Rim			5.96	-0.08	
F.L. M.H. #1 = 0+00.			12.82	-6.94	
M.H. #2 {at E.C. W. side Bonita Bay} Rim			4.77	+1.11	
F.L. M.H. #2 = 2+48.			12.97	-7.09	
T.P.	4.52	5.63	4.77	+1.11	
5+48 = M.H. #3 Rim			4.60	+1.03	
M.H. #3 F.L.			13.01	-7.38	
8+48 M.H. #4 Rim			4.63	+1.00	
M.H. #4 F.L.			13.57	-7.94	
T.P.	5.18	6.18	4.63	+1.00	
M.H. #5 Rim			5.10	+1.08	
New M.H. #5 F.L. W.N.+S.			14.50	-8.32	
West M.H. #6 Rim			5.60	+0.58	
of M.H. #5 M.H. #6 F.L.			11.80	-5.62	
(Plan 0+96) M.H. #7 {At B.C. S.W. Cor Bonita Bay.			5.08	+1.10	Rim
(11+00? Meas) M.H. #7 F.L.			14.53	-8.35	
M.H. #7 ground.			6.4	-0.22	
12+82 M.H. #8 at E.C. - Rim			5.10	+1.08	
M.H. #8 F.L.			14.91	-8.73	
M.H. #8 ground			7.0	-0.82	
M.H. #9 ℄ Alley S. of San Fernando. Rim			6.42	-0.24	
M.H. #9 F.L.			15.34	-9.16	
M.H. #9 F.L. from W.			12.4	-6.17	

Indexed
C.S.K.

9



T.P.	4.68	+4.44	6.42	−0.24
M.H.#10	Rim		5.42	−0.98
	F.L.		13.85	−9.41
	F.L. from W.		10.2	−5.76
M.H.#11	Rim		5.36	−0.92
	F.L.		13.98	−9.54
	F.L. from W.		10.2	−5.76
M.H.#12	Rim		5.06	−0.62
	F.L.		14.38	−9.94
	F.L. from W.		10.0	−5.56
T.P.	5.48	4.86	5.06	−0.62
M.H.#13	Rim		5.20	−0.34
	F.L.		15.30	−10.44
	F.L. from W.		11.2	−6.34
M.H.#14	Rim		5.20	−0.34
	F.L.		15.38	−10.52
	F.L. from W.		10.5	−5.64
M.H.#15	Rim		5.07	−0.21
	F.L.		15.65	−10.79
	F.L. From W.		10.5	−5.64
T P	4.53	4.32	5.07	−0.21
M.H.#16	Rim		4.57	−0.25
	F.L.		15.21	−10.89
	F.L. from W.		9.2	−4.88

10.12
3.4
10.8

San Fernando Pl

— ℄ Alley — ○ M.H.#9

204.8'

En Senada Ct.

℄ Alley ○ M.H.#10

199.8'

Dover Ct.

℄ Alley ○ M.H.#11

194.9'

Devon Ct.

℄ Alley ○ M.H.#12

204'

San Gabriel Pl.

℄ Alley ○ M.H.#13

185.2'

Deal Ct.

℄ Alley ○ M.H.#14

184.7'

Coronado Ct

℄ Alley ○ M.H.#15

190'

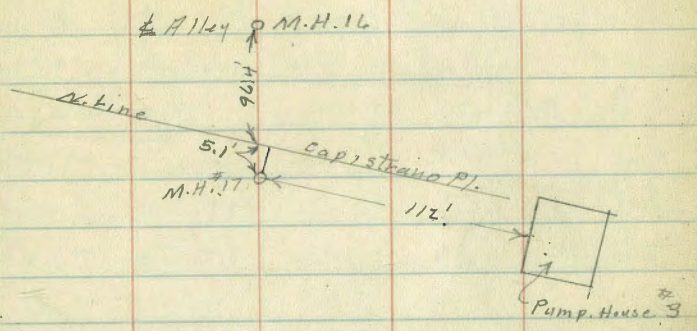
Cohassett Ct.

℄ Alley ○ M.H.#16

Capistrano Pl.

4.32

M.H. #17	Rim		3.79	+0.53	
	F.L.		15.32	-11.00	
Spk Pole N.E. Bayside Lane & Capistrano Pl.			2.56	+1.76	
T.P.	4.70	4.27	4.75	-0.43	B.P.S.E.M.B.C. Alley North of Capistrano
T.P.	5.84	4.35	5.76	-1.49	
T.P.	9.51	8.75	5.11	-0.76	
B.M. B.P. Top Seawall San Fernando			1.19	7.56	=7.57



Readings on Opsw Sewer Ditch at Mission Beach.

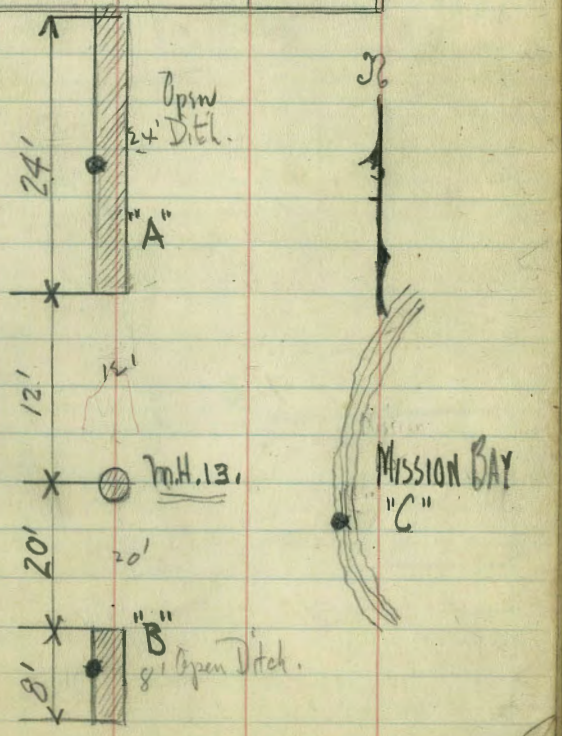
Bayside Lane Between San Gabriel Place & Deal Court.

Weather <lear - Sun Shining Sept. 11 1934. { Kenny. Henderson

Time	Ditch "A"	Ditch "B"	Bay "C"
9.30 AM	-7.52 ✓	-5.38 ✓	-3.53 ✓
10.03 AM	-7.425 ✓	-5.31 ✓	-3.33 ✓
10.30 "	-7.46 ✓	-5.255 ✓	-3.265 ✓
11.00 "	-7.395 ✓	-5.21 ✓	-3.19 ✓
11.30 "	-7.34 ✓	-5.155 ✓	-3.37
12 M	-7.35	-5.12	-3.70
12.30 PM	-7.36	-5.09	-4.06
1.00 P.M.	-7.38	-5.075	-4.4

Bottom "A" Ditch -9.95 ✓
Top 12"Pipe -8.55
Bottom Ditch "B" -7.41

High Water Time	High Water Height	Low Water Time	Low Water Height		High Tide
10.03 A.M.	5.7	3.47 A.M.	1.2 ✓		
10.34 P.M.	4.6	4.27 P.M.	0.8		
B.M. M.H.13 P.M.	4.93 ✓	* 4.59 ✓	-0.34 ✓		
		12.11	-7.52 ✓	Ditch A	9.30 AM
		9.97	-5.38 ✓	" B	" "
		9.12	-3.53 ✓	Bay C	" "
		12.015'	-7.425' ✓	A	10.03 AM (High Tide)
		9.90	-5.31 ✓	B	" " " "
		7.92	-3.33 ✓	Bay C	" " " "
		12.05'	-7.46 ✓	A	10.30 AM.
		9.845'	-5.255 ✓	B	" "
		7.855'	-3.265 ✓	C	" "
		11.985'	-7.395 ✓	A	11 A.M.
		9.80	-5.21 ✓	B	" "
		7.78	-3.19 ✓	C	" "



4.4.59

	11.93	-7.34 ✓	A
	9.745	-5.155 ✓	B
	7.96	-3.37 ✓	C
2.6 Bottom Ditch. 1.2 Pipe	11.94	-7.35 ✓	A
1.0 Bottom	9.71	-5.12 ✓	B
	8.29	-3.70 ✓	C
Owner says water in ditch is much lower at low tide.	11.95	-7.36 ✓	A
	9.68	-5.09 ✓	B
	8.15	-4.06 ✓	C
	11.97	-7.38 ✓	A
	9.665	-5.075 ✓	B
	8.99	-4.40	C.

11.50 A.M.

12 M.

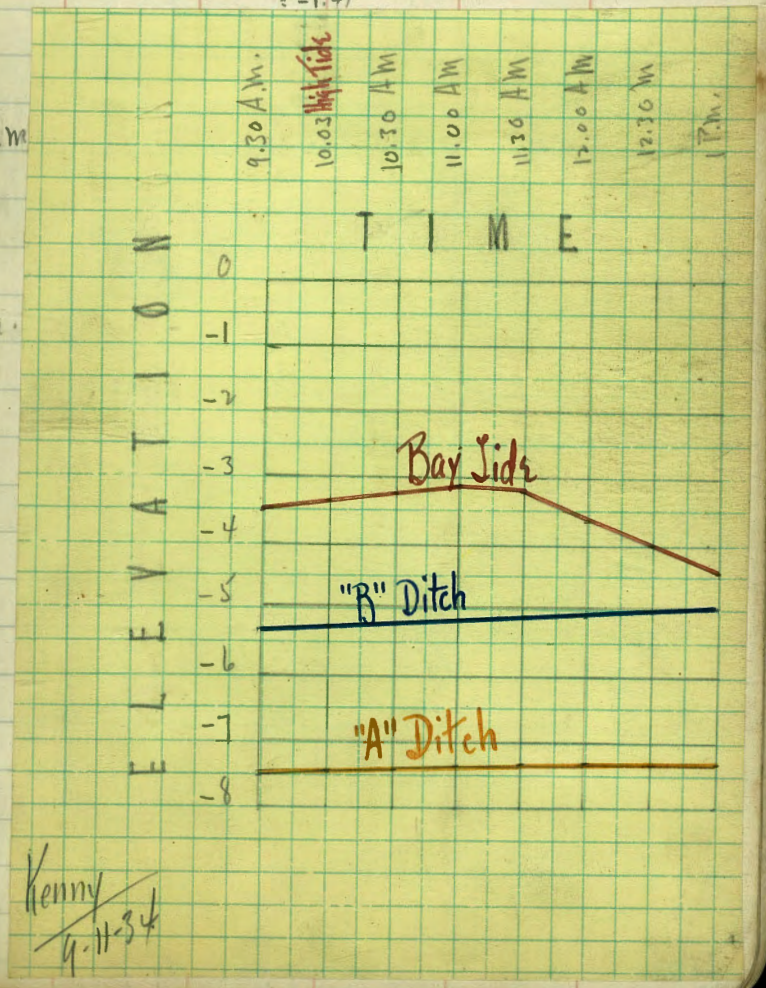
Botton Ditch = -9.95 Top Pipe = -8.55

" " = -7.41

1 P.M.

1.30 P.M.

2 P.M.



Kenny
4-11-34

Proposed Sewer Through Villa Lot 61
Chatsworth Terrace

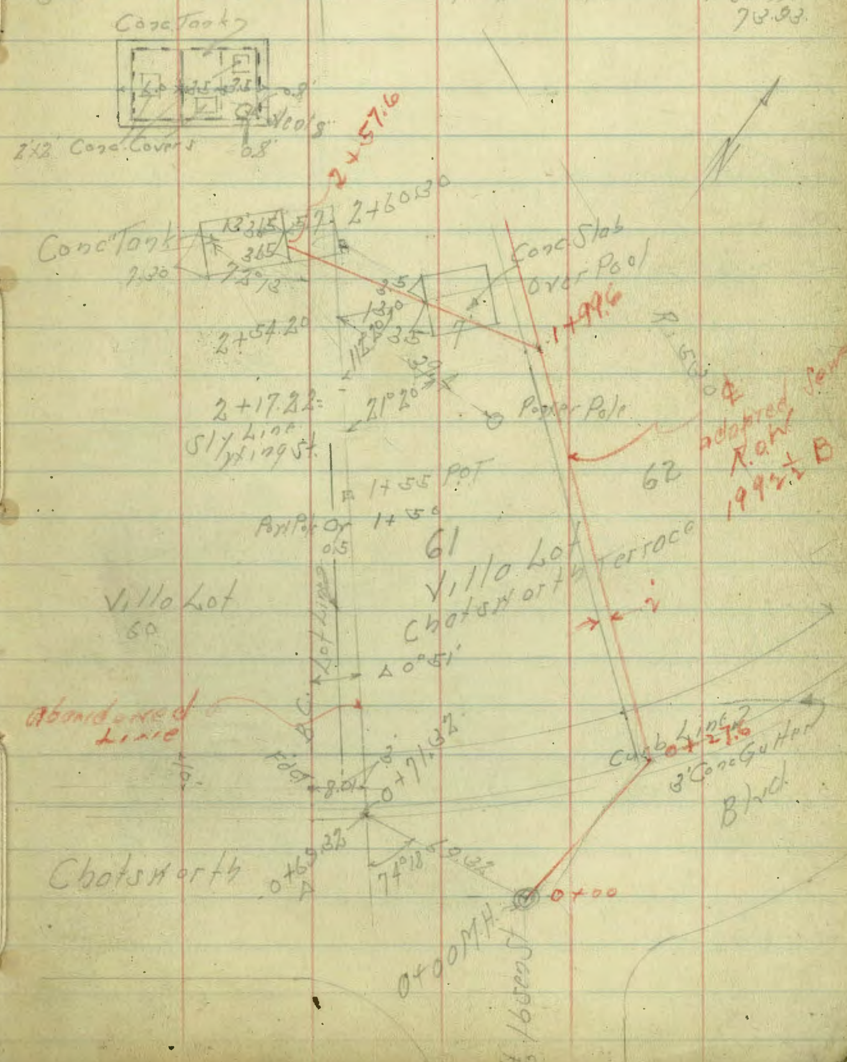
BM	7.90	81.83		73.93	S F B P Chatsworth + Sam...
0+00 Rim M.H. Chatsworth + 165th			3.47	78.36	
Flow Line			8.13	73.70	
0+34.6 on Paving			3.25	78.58	
0+69.32			3.40	78.43	
0+71.32 Gutter			3.56	78.27	
Top cb			2.57	79.26	
0+77.82 - Edge Walk			2.44	79.39	
1+0			1.2	80.6	
1+30			0.7	81.1	
1+50			1.2	80.6	
1+55	PoT on Slab		4.43	77.40	
TP	0.07	69.82	12.08	69.75	
1+75			7.4	62.4	
TP	0.27	58.33	11.76	58.06	
2+0			6.8	51.5	
2+17.22 = Sly Line Wing			11.0	47.3	
2+40			13.8	44.5	
2+54.2			13.4	44.9	
2+60.3			13.6	44.7	
Top Conc Slab			15.23	43.10	
Top Conc Tank			14.78	43.55	
Bottom " "			20.21	38.12	

Indexed
C.S.K.

10-12-34
Moore

58.33

TP	12.02	70.08	0.27	58.06	
TP	11.46	81.22	0.32	69.76	
BM			7.27	73.95	S F B P Chatsworth + Sam... 73.93



Grades Mission Beach Sewer Bayside Lane
From Pump House No 2 to Pump House #3

BM	6.65	5.55		-1.10	S.W. Cor. M H Rim outlet Pump #2 Page 9
0+10.13 Pump Ho #2				-3.27	8.82 / 6.65 c 2.17 on Rim
0+78.13 B.C. 8° Rad.				-3.37	8.92 / 6.81 c 2.31
0+90.70 E.C.				-3.39	8.94 / 6.62 c 2.32
1+0				-3.40	8.95 / 6.48 c 2.47
+50				-3.47	9.02 / 6.41 c 2.61
2+0				-3.54	9.09 / 5.37 c 3.72
+08 Top Pipe 2.64				-2.58	
+50				-3.62	9.17 / 4.66 c 4.52
3+0				-3.69	9.24 / 4.50 c 4.74
BM	7.23	6.13		-1.10	Pump Ho #2
+50				-3.76	9.89 / 4.86 c 5.03
+82.73 MH #1 B.C. 8 Parts c 32.78				-3.80	9.93 / 4.82 c 5.11
4+15.55 / ~~4+12.75~~		4°42.75' / ~~4°32~~		-3.84	9.97 / 4.76 c 5.21

S = .0014

Indexed C.S.K.

Oct. 25-34 Moore

		6.13 x			
4+48.36 / ~~4+44.47~~		9°25.5' / ~~9°04'~~		-3.88	10.01 / 4.68 c 5.33
4+81.18 / ~~4+75.79~~		14°08.25' / ~~13°36'~~		-3.93	10.06 / 4.59 c 5.47
5+14.00 / ~~5+06.81~~		18°51' / ~~18°08'~~		-3.97	10.10 / 4.38 c 5.72
5+46.82 / ~~5+37.83~~		23°33.75' / ~~22°40~~		-4.01	10.14 / 4.43 c 5.71
5+79.63 / ~~5+68.85~~		28°16.50' / ~~27°12~~		-4.05	10.18 / 4.63 c 5.55
6+12.45 / ~~5+99.87~~		32°59.25' / ~~31°44~~		-4.10	10.23 / 5.41 c 4.82
6+45.27 / 6+30.89 E.C. MH #2		37°42' / ~~36°16~~		-4.14	10.27 / 5.58 c 4.69
+50				out	
7+0				-4.21	10.34 / 5.35 c 4.99
+50				-4.28	10.41 / 5.69 c 4.72
TP	5.08	5.52	5.69	0.44	
8+0				-4.35	9.87 / 4.88 c 4.99
+50				-4.42	9.94 / 4.95 c 4.99
9+0				-4.49	10.01 / 4.89 c 5.12

S = .0014

Station					Rod	Elev.
		5.52 T				
9+44.20 = MH #3					o -4.55	10.07 4.96 c 5.11
+50					out	
10+0					-4.73	10.15 4.51 c 5.64
+50					-4.69	10.21 4.73 c 5.48
11+0				S = .00/366	-4.76	10.28 4.81 c 5.47
+50					-4.83	10.35 4.85 c 5.50
12+0					-4.90	10.42 4.84 c 5.58
+44.35 = MH #4					o -4.96	10.48 4.93 c 5.55
+50				out	-4.99	
13+0					-5.04	10.56 4.74 c 5.82
+50					-5.11	10.63 4.93 c 5.70
14+0				S = .00/400	-5.18	10.70 5.04 c 5.66
+50					-5.25	10.77 4.83 c 5.94

0.51
4.91
5.42 T
4.82
BM 0.60 B.P.E.Cb. opp New Pump House

Station						Pump. R.P.
BM		5.52				
TP				5.01	0.51	
14+79.6 = MH #5					-5.29	10.74
+97.20 MH #7 B.C. 6 Posts c 38.73					-5.31	10.76 5.06 c 5.70
15+31.01 / 15+13.65		6°36' / 6°27'			-5.35	10.80 4.36 c 6.44
+64.82 / +44.70		13°12' / 12°54'			-5.40	10.85 4.46 c 6.39
+98.63 / +75.76		19°48' / 19°21'			-5.44	10.89 4.37 c 6.52
16+32.44 / 16+06.82		26°24' / 25°47'			-5.48	10.93 4.32 c 6.61
+66.25 / +37.88		33°00' / 32°14'			-5.53	10.98 4.28 c 6.70
17+00.06 / +68.94 E.C. MH #8		39°36' / 38°41'			o -5.57	11.02 3.96 c 7.06
+50					-5.64	11.09 4.35 c 6.74
18+0					-5.71	11.16 4.62 c 6.54
+50				S = .00138	-5.78	11.23 4.83 c 6.40
TP	5.37	5.45	3.32		0.08	
19+0					-5.85	9.25 3.31 c 5.94
		3.40				

Δ = 02.86

19+09.60 B.C. 4 Parts 21.85 c 21.85				-5.86	9.26 / 3.50 c 5.76
+31.45	2°22′45″			-5.89	9.29 / 3.49 c 5.80
+53.30	4°45′30″		S=.00138	-5.92	9.32 / 3.35 c 5.97
+75.15	7°08′15″			-5.95	9.35 / 3.15 c 6.20
+97.00 E.C. MH #9	9°31′			-5.98	9.38 / 3.41 c 5.97
20+50				-6.05	9.45 / 4.28 c 5.17
21+0			S=.00125	-6.12	9.52 / 4.27 c 5.25
+50				-6.19	9.59 / 5.04 c 4.55
22+03.90 = MH #10				-6.26	9.66 / 4.46 c 5.20
+50				-6.33	9.73 / 4.73 c 5.00
23+0			S=.0014	-6.40	9.80 / 4.39 c 5.41
+50				-6.47	9.87 / 5.00 c 4.87
	3.40				

24+03.80 MH #11				-6.54	9.94 / 4.37 c 5.57
+50				-6.60	10.00 / 4.23 c 5.77
25+0			S=.00138	-6.67	10.07 / 3.87 c 6.20
TP	4.03	3.40	5.02	-0.63	
+50				-6.74	11.13 / 5.02 c 6.11
+98.75 = MH #12				-6.81	11.20 / 5.06 c 6.14
26+50				-6.88	11.27 / 4.52 c 6.75
27+0			S=.00137	-6.95	11.34 / 4.67 c 6.67
+50				-7.02	11.41 / 4.54 c 6.87
28+03.0 = M.H. #13				-7.09	11.48 / 4.02 c 7.46
+50				-7.15	11.54 / 4.74 c 6.80
29+0			S=.00137	-7.22	11.61 / 4.51 c 7.10
+50				-7.29	11.68 / 5.00 c 6.68
		4.39			

29+88.45 - MH 14				-7.34	11.73 4.71 C 7.02
30+0				-7.36	11.75 4.90 C 6.85
TP	5.15	4.39	4.84	-0.76	ST 06 30+50
+50				-7.43	11.51 4.84 C 6.67
31+0				-7.49	11.57 4.75 C 6.82
+50				-7.56	11.64 4.81 C 6.83
+75.3 = MH "15				-7.60	11.68 4.31 C 7.37
32+0				-7.63	11.71 4.44 C 7.27
+50				-7.70	11.78 4.62 C 7.16
32+0				-7.77	11.85 4.63 C 7.22
+50				-7.84	11.92 4.24 C 7.68
+66.8 = MH "16				-7.86	11.94 4.43 C 7.51
34+0				-7.91	11.99 3.97 C 8.02

S-00/139

S-00/136

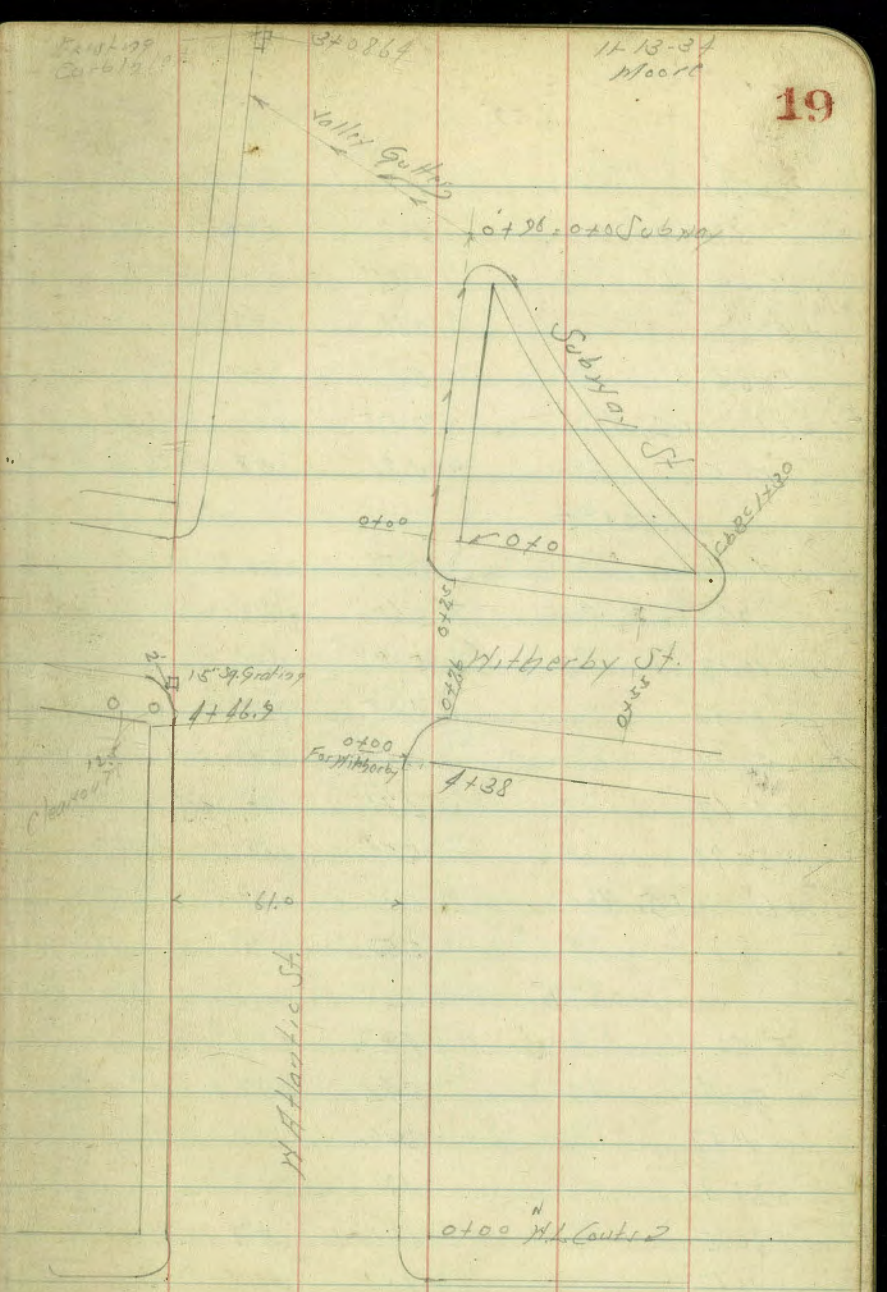
S-00/137

34+50				-7.97	12.05 3.38 C 8.67
+68.4 MH "17				-8.00	12.08 3.48 C 8.60
35+34.4				-8.07	12.15 3.82 C 8.33
+80.4 = Pump Hs #3				-8.15	12.23 3.17 C 9.06
BM	2.32	4.08		+1.76	Spk Pol. NE Bayside Lane Capistrano Pk.
MH "9				-5.48	
50' W of MH				-5.24	8.64 3.23 C 5.40
100' W of MH				-5.00	8.40 3.99 C 4.41
			340		

Cross Section W Atlantic St.
Coutts St to North

indexed
c.s.K.

B.M.	5.95	5.77		-0.18	S.W. Mon to Cb. Borgo & W Atlantic
TP	5.04	6.59	4.22	1.55	
	0+0 = N W.L. Coutts				
F. Cb Top			4.15	2.44	
Gutter			4.81	1.78	
+10.17			4.64	1.95	
+20.33			4.47	2.12	
+30.50 = ℄			4.33	2.26	
+40.67			4.63	1.96	
+50.84			4.96	1.63	
+61 = W Gutter			5.31	1.28	
W Cb Top			4.75	1.84	
0+25					
W Cb Top			4.72	1.87	
Gutter			5.45	1.14	
+10.17			5.10	1.49	
+20.33			4.76	1.83	
+30.50			4.43	2.16	
+40.67			4.60	1.99	
+50.84			4.86	1.73	
+61 = E Gutter			5.11	1.48	
E Cb Top			4.41	2.18	
0+50					
E Cb Top			4.53	2.06	
Gutter			5.25	1.34	



6.59

+10.17	491	1.68
+20.33	467	1.72
+30.50 - A	452	2.07
+40.67	486	1.73
+50.84	526	1.33
+61 = WGuHo	555	1.04
W Cb	481	1.78
0+25		
W Cb	484	1.73
WGuHo	560	0.99
+10.17	519	1.40
+20.33	485	1.74
+30.50	459	2.00
+40.67	471	1.88
+50.84	501	1.58
+61 = EGuHo	531	1.28
	459	2.00
1+0		
E Cb	472	1.87
GuHo	542	1.17
+10.17	516	1.49
+20.33	480	1.79
+30.50	471	1.88
+40.67	494	1.65
+50.84	520	1.39
+61.0 = WGuHo	558	1.01

6.59

W Cb Top	482	1.77
1+25		
W Cb Top	486	1.73
GuHo	556	1.03
+10.17	517	1.42
+20.33	500	1.59
+30.50	482	1.77
+40.67	490	1.69
+50.84	520	1.39
+61 = EGuHo	549	1.10
E Cb Top	480	1.79
1+50		
E Cb Top	482	1.77
GuHo	555	1.04
1 +10.17	524	1.35
2 +20.33	497	1.62
3 +30.50	490	1.69
4 +40.17	500	1.59
5 +50.84	535	1.34
6 +61 = WGuHo	558	1.01
W Cb Top	484	1.75
1+75		
W Cb Top	487	1.72
GuHo	556	1.03
1	528	1.31
2	508	1.51

6.59

3	4.90	1.69
4	5.00	1.59
5	5.32	1.27
6 = E Gutter	5.58	1.01
E Cb Top	4.87	1.72
2+10		
E Cb Top	4.94	1.65
Gutter	5.60	0.99
1	5.34	1.25
2	5.02	1.57
3	4.91	1.68
4	5.07	1.52
5	5.24	1.35
6 = W Gutter	5.54	1.04
W Cb Top	4.80	1.79
2+25		
W Cb Top	4.77	1.82
Gutter	5.50	1.09
1	5.23	1.36
2	5.05	1.54
3	4.97	1.62
4	5.12	1.47
5	5.56	1.09
6 = E Gutter	5.76	0.83
Cb Top	5.08	1.51

6.59

2+50		
E Cb Top	5.26	1.33
Gutter	5.93	0.66
1	5.59	1.00
2	5.22	1.37
3	5.08	1.51
4	5.13	1.46
5	5.26	1.33
6 = W Gutter	5.50	1.09
W Cb Top	4.76	1.83
2+75		
W Cb Top	4.80	1.79
Gutter	5.48	1.11
1	5.25	1.34
2	5.14	1.45
3	5.10	1.49
4	5.27	1.32
5	5.66	0.93
6 = E Gutter	6.01	0.58
E Cb Top	5.45	1.14
3+0		
E Cb Top	5.44	1.15
Gutter	6.05	0.54
1	5.67	0.92
2	5.27	1.32
3	5.06	1.53

659

4		5.13	1.46
5		5.21	1.38
6 = WGutter		5.49	1.10
WCb Top		4.78	1.81
	3+70		
WCb Top		4.84	1.75
Gutter		5.51	1.07
1		5.29	1.30
2		5.18	1.41
3		5.21	1.48
4		5.40	1.19
5		5.70	0.89
6 = EGutter		6.05	0.54
ECb Top		5.44	1.15
	3+90		
ECb Top		5.50	1.09
Gutter		6.12	0.46
1		5.73	0.86
2		5.35	1.24
3		5.17	1.42
4		5.17	1.42
5		5.33	1.26
6 = WGutter		5.53	1.06
WCb Top		4.88	1.71

659

	3+60		
WCb Top		4.84	1.75
Gutter		5.54	1.05
1		5.31	1.28
2		5.23	1.36
3		5.22	1.37
4		5.38	1.21
5		5.71	0.88
6 = EGutter		6.16	0.43
ECb Top		5.54	1.05
TP	4.87	5.90 5.56	1.03
	3+80		
ECb Top		4.87	1.03
Gutter		5.41	0.46
1		5.01	0.89
2		4.70	1.20
3		4.52	1.38
4		4.56	1.34
5		4.67	1.23
6 = WGutter		4.89	1.01
WCb Top		4.22	1.68
	4+0		
WCb Top			
Gutter in Drive		4.97	0.93
1		4.74	1.16
2		4.60	1.30

5.90

3	4.60	1.30
4	4.68	1.22
5	5.00	0.90
6 = E Gutter	5.40	0.50
E Cb Top	4.80	1.10
4+20		
E Cb Top	4.73	1.17
Gutter	5.30	0.60
1	4.91	0.99
2	4.68	1.22
3	4.60	1.30
4	4.62	1.28
5	4.81	1.09
6 = W Gutter in Dr	5.02	0.88
4+30		
W Cb	4.39	1.51
Gutter	5.06	0.84
1	4.80	1.10
2	4.62	1.28
3	4.60	1.30
4	4.68	1.22
5	4.97	0.93
6 = E Gutter	5.31	0.59
E Cb Top	4.78	1.12

5.90

4+38 = S.L. Hitherby on Diag.
4+46.9 on W

E Gutter	5.30	0.60
1	4.95	0.95
2	4.70	1.20
3	4.63	1.27
4	4.67	1.23
5	4.82	1.08
6 = W Gutter	5.07	0.83
Grating SW. Gutter	5.14	0.76
S Cb of Hitherby.		
W Gutter	5.11	0.79
1	4.93	0.97
2	4.81	1.09
3	4.71	1.19
4	4.80	1.10
5	5.06	0.84
6 = E Gutter	5.31	0.59
5'/+		
E Gutter	5.31	0.59
1	5.11	0.79
2	4.89	1.01
3	4.77	1.13
4	4.81	1.09
5	4.90	1.00
6 = W Gutter	5.08	0.82

5.90

H.L. Witherby

W Gutter	5.08	0.82
1	4.93	0.97
2	4.81	1.09
3	4.81	1.09
4	4.95	0.95
5	5.15	0.75
6 = E Gutter	5.36	0.54
W 1/4		
E Gutter	5.40	0.50
1	5.31	0.59
2	5.11	0.79
3	4.94	0.96
4	4.90	1.00
5	5.03	0.87
6 = W Gutter	5.17	0.77
W Curb		
W Gutter	5.32	0.58
1	5.08	0.82
2	5.00	0.90
3	4.99	0.91
4	5.20	0.70
5	5.36	0.54
6 = E Gutter	5.43	0.47

5.90

H.L. Witherby on Diag

E L on Conc. Dr.	4.95	0.95
+7 = Gutter	5.51	0.39
1	5.41	0.49
2	5.22	0.68
3	5.02	0.88
4	4.98	0.92
5	5.20	0.70
6 = W Gutter	5.39	0.51
0+20		
W Gutter in Dr.	5.41	0.49
1	5.16	0.74
2	5.03	0.87
3	5.03	0.87
4	5.27	0.63
5	5.50	0.40
6 = E Gutter	5.68	0.22
E L on Conc. Dr	5.04	0.86
0+40		
E L on Conc Dr	5.08	0.82
E Gutter	5.69	0.21
1	5.45	0.45
2	5.20	0.70
3	5.01	0.89
4	5.07	0.83
5	5.22	0.68

5.90

6 = W Gutter in Dr	5.49	0.41
0+60		
W Gutter in Dr.	5.51	0.39
1	5.20	0.70
2	5.10	0.80
3	5.01	0.89
4	5.10	0.80
5	5.37	0.53
6 = E Gutter	5.60	0.30
E Line on Conc. Dr.	5.10	0.80
0+75		
E L. on Conc. Dr.	4.95	0.95
+7 = E Gutter	5.50	0.40
1	5.33	0.57
2	5.09	0.81
3	4.98	0.92
4	5.08	0.82
5	5.21	0.69
6 = W Gutter in Dr.	5.57	0.33
0+96		
W C.L. Top	4.90	1.00
Gutter	5.62	0.28
1	5.32	0.58
2	5.12	0.78
3	5.06	0.84
4	5.18	0.72

5.90

5	5.41	0.49
6 = E Gutter	5.55	0.35
E.L. on Paving	5.40	0.50
1+08.94		
E.L.	5.10	0.80
C.L.	5.32	0.58
1	5.55	0.35
2	5.41	0.49
3	5.18	0.72
4	5.19	0.71
5	5.33	0.57
6 = W Gutter	5.64	0.26
W C.L.	4.91	0.99
1+21.88		
W Gutter	5.61	0.29
1	5.35	0.55
2	5.31	0.59
3	5.35	0.55
4	5.58	0.32
5	5.40	0.50
6 = E C.L.	5.05	0.85
+7 = E.L.	4.85	1.05
1+34.82		
E.L.	4.71	1.19
+7 = E C.L.	4.81	1.09
1	5.10	0.80

5.96

2	5.53	0.37
3	5.54	0.36
4	5.54	0.36
5	5.49	0.41
6 = W Gutter Dr	5.74	0.16
1+47.76		
W Gutter in Dr.	5.70	0.20
1	5.65	0.25
2	5.66	0.24
3	5.49	0.41
4	5.10	0.80
5	4.88	1.02
6 = EC6 L	4.69	1.21
7 = E.L.	4.62	1.28
1+60.70		
E.L	4.66	1.24
7 = EC6	4.51	1.39
1	4.68	1.22
2	4.95	0.95
3	5.25	0.65
4	5.65	0.25
5	5.78	0.12
6 = W Gutter	5.78	0.12
W EC6 Top	5.09	0.81

5.90

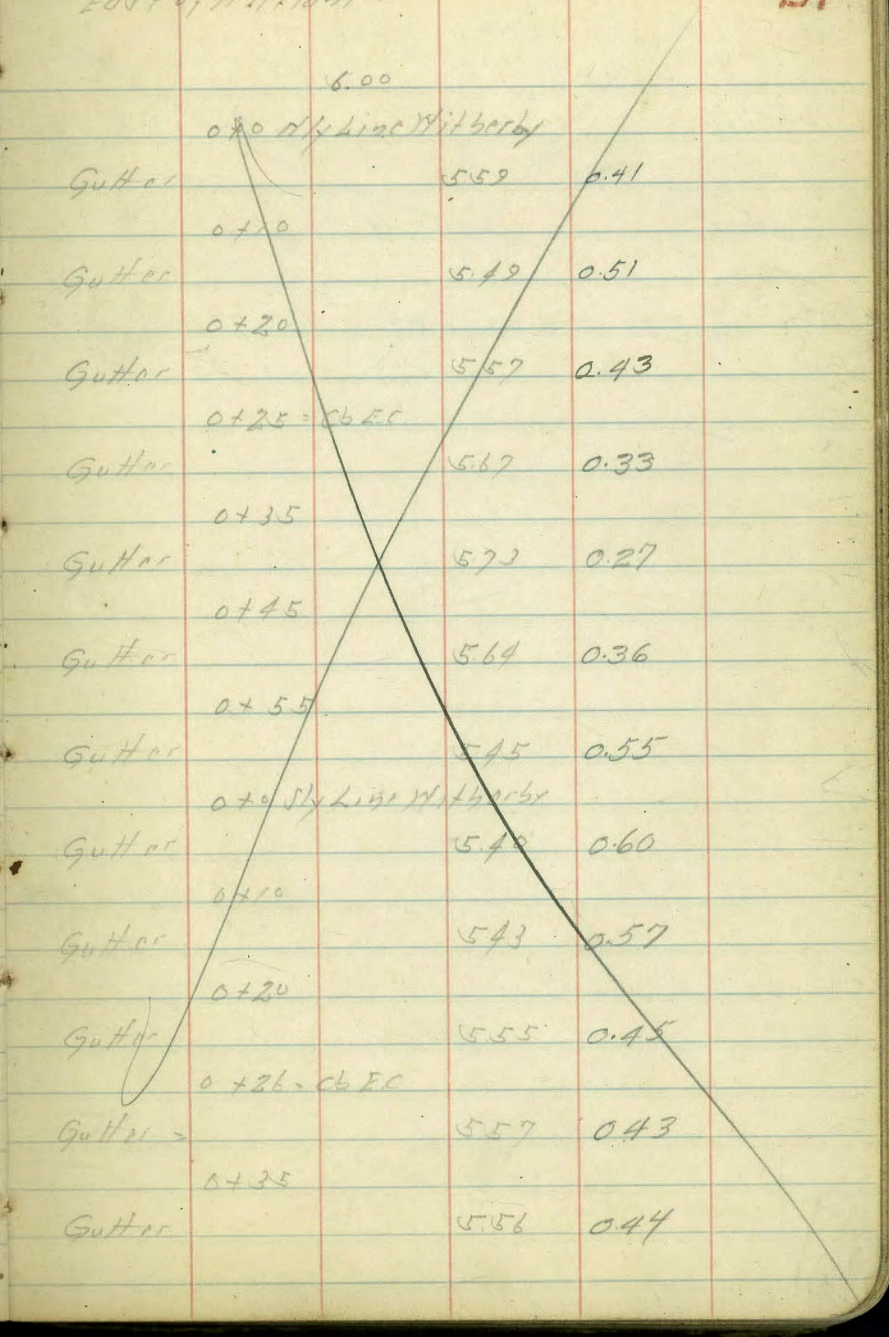
1+73.64		
W Gutter in Dr	5.80	0.10
1	5.76	0.14
2	5.34	0.56
3	5.12	0.78
1+98.64		
W Gutter in Dr	5.83	0.07
2+23.64		
W Gutter	5.90	0.0
2+48.64		
W Gutter	6.00	-0.10
2+73.64		
W Gutter	6.11	-0.21
2+98.64		
W Gutter	6.27	-0.37
3+08.64 = Existing Cb Inlet on Grating		
W Gutter on Grating	6.44	-0.54

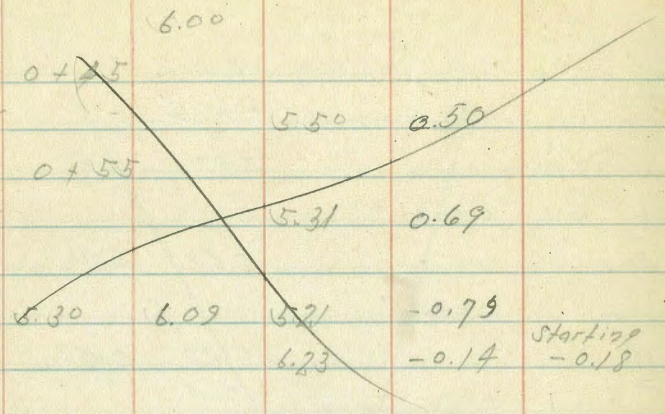
Levels Sly Gutter of Sabin Way St

		5.90 Bt. Ford		
	0+0 =	0+96 Atlantic		
	0+20			
Gutter			5.49	0.41
	0+40			
Gutter			5.43	0.47
	0+60			
Gutter			5.33	0.57
	0+80			
Gutter			5.35	0.55
	1+0			
Gutter			5.24	0.66
	1+20			
Gutter			4.96	0.94
	1+30 - CL BC			
Gutter			4.85	1.05
TP	4.41	6.00	4.31	1.59

Cross Section Withersby St
East of W. Atlantic

27





		6.00			
	0+25				
Gutter			5.50	0.50	
	0+55				
Gutter			5.31	0.69	
TP	6.30	6.09	5.71	-0.79	
BM			6.23	-0.14	Starting -0.18

Cross Section Witherby St.
East of E.L. Atlantic

BM	4.68	6.23		1.555
	0-966 on N = E.L. Atlantic			
	0+00 on S = E.L. Atlantic			
SCb-6.75=Existing Cb			5.23	1.00
Gutter			5.64	0.59
SCb Lip			5.66	0.52
¼			5.58	0.65
½			5.57	0.66
¼			5.64	0.59
NCb L			5.73	0.50
+3' = Existing Gutter			5.91	0.52
" Curb Top			5.24	0.99
0+00 on S				
NCb			5.30	0.93
Gutter			5.83	0.40
¼			5.56	0.67
½			5.45	0.78
¼			5.53	0.70
SCb L			5.72	0.51
+5.7 = Gutter			5.66	0.57
Existing Cb Top			5.23	1.00
0+20				
SCb Top			5.21	1.02
Gutter			5.79	0.44
¼			5.40	0.83
½			5.25	0.98

To Page 19

6.23

¼		5.42	0.81
Gutter		5.88	0.35
NCb		5.33	0.90
0+40			
NCb		5.02	1.21
Gutter		5.54	0.69
¼		5.12	1.11
½		4.99	1.24
¼		5.19	1.04
Gutter		5.59	0.64
SCb		5.01	1.22
0+60			
SCb		4.57	1.66
Gutter		5.19	1.04
¼		4.81	1.42
½		4.66	1.57
¼		4.77	1.46
Gutter		5.21	1.02
NCb = Face Post		4.71	1.62
0+80			
N.L.		4.81	1.42
NCb L		4.73	1.50
¼		4.54	1.69
½		4.45	1.78
¼		4.61	1.62
Gutter		5.01	1.22
SCb		4.10	1.83

Additional Sections
Atlantic St. N of Whitcomb

BM	414	5.69		1.55
		0+36		
10' E of	EL		4.80	0.89
27' E	"		4.29	1.40
40' E	"	"	4.61	1.08
56' E	"	" = Edge Pav.	5.22	0.47
		1+08.94		
18' E of	EL		4.41	1.28
33' E	"		4.53	1.16
48' E	"	" = Edge Pav.	5.00	0.69
		1+21.88		
11' E of	EL		4.45	1.24
26' E	"	"	4.55	1.14
40' E	"	" = Edge Pav.	4.82	0.87
		1+34.82		
4' E of	EL		4.47	1.22
18' E	"	"	4.70	0.99
33' E	"	" = Edge Pav.	4.96	0.73
		1+47.76		
12' E of	EL		4.74	0.95
26' E	"	" = Edge Pav.	5.08	0.61
		1+60.70		
6' E of	EL		4.64	1.05
20' E	"	" = Edge Pav.	5.02	0.67

TP Page 19

5.69

		1+73.64		
5' E of	EL		4.67	1.02
15' E	"	" = Edge Pav.	4.95	0.74
	EL		4.54	1.15
	EC6.2		4.36	1.33
	1		4.28	1.41
	2		4.58	1.11
		1+98.64		
	-6		5.02	0.67
	EL		4.85	0.84
	C6		4.60	1.09
	1	N 17	4.40	1.29
	2	W 33	4.47	1.22
	3	30.54 ℄	4.60	1.09
	4	40.67	4.86	0.83
	5	50.84	5.26	0.43
		2+23.64		
	EL		5.22	0.47
	+1.4	= Edge Edge Pav.	5.13	0.56
	C6		4.87	0.82
	1		4.62	1.07
	2		4.45	1.24
	3		4.62	1.07
	4		4.96	0.73
	5		5.36	0.33

5.69

	2+48.64		
E.L		4.50	1.19
+2 =		5.46	0.23
Cb = Edge Pav.		5.15	0.54
1		4.86	0.83
2		4.63	1.06
3		4.62	1.07
4		4.98	0.71
5		5.40	0.29
	2+73.64		
E.L		4.5	1.19
Cb		5.40	0.29
+4 = Edge Pav.		5.15	0.54
1		4.96	0.73
2		4.70	0.99
3		4.53	1.16
4		4.96	0.73
5		5.50	0.19
	2+98.64		
E.L		4.5	1.2
Cb		5.[illegible]	0.4
+5.8 = Edge Pav.		4.98	0.71
1		4.85	0.84
2		4.59	1.10
3		4.46	1.23
4		5.00	0.69

5.69

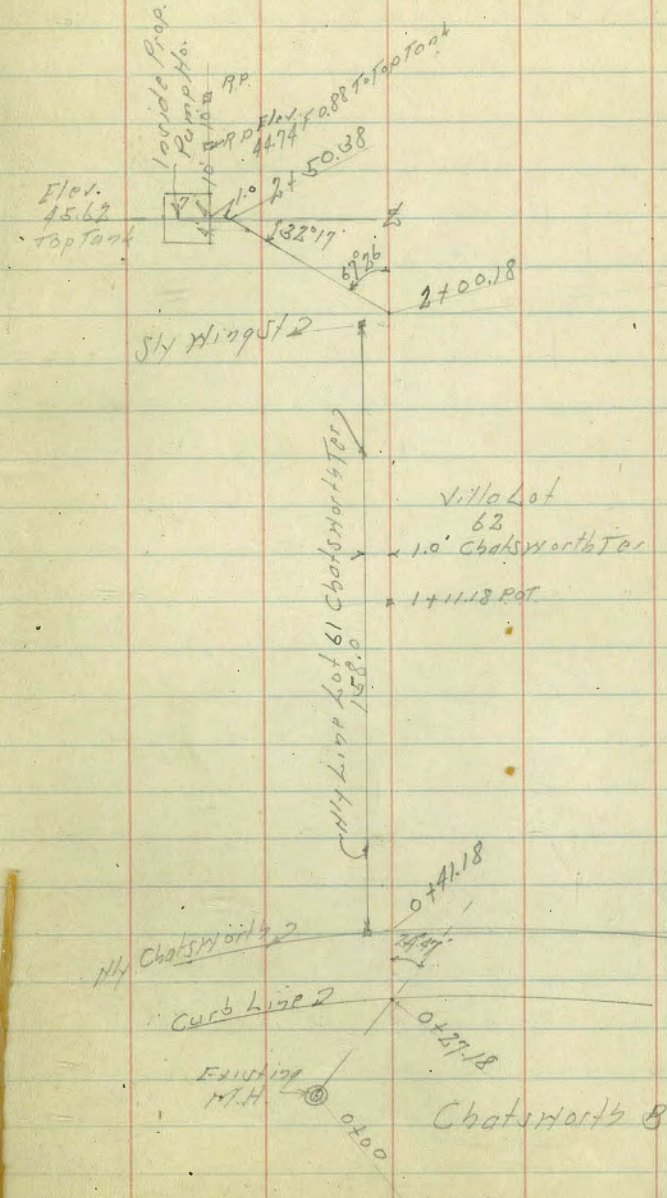
5		5.53	0.16
	3+08.64 = Existing Cb. Inlet on W		
E.L		4.8	0.9
Cb		5.34	-0.35
1		4.86	0.83
2		4.65	1.04
3		4.52	1.17
4		5.04	0.65
5		5.58	0.11
6 = W Gutter on Grading		6.24	-0.45
Flow Line Bot. Box		7.96	-2.27
Flow Line Existing Clean Out S.W Cor. Atlantic & Witherby		8.63	-2.94
Meet This From North Flow Line Existing Clean Out 12.5 W of W.L Atlantic		8.31	-2.62

Proposed Sewer Through Villa Lot 62
Chatsworth Terrace

Indexed
C.S.K.

12-7-64
Moore
Simson
Northern

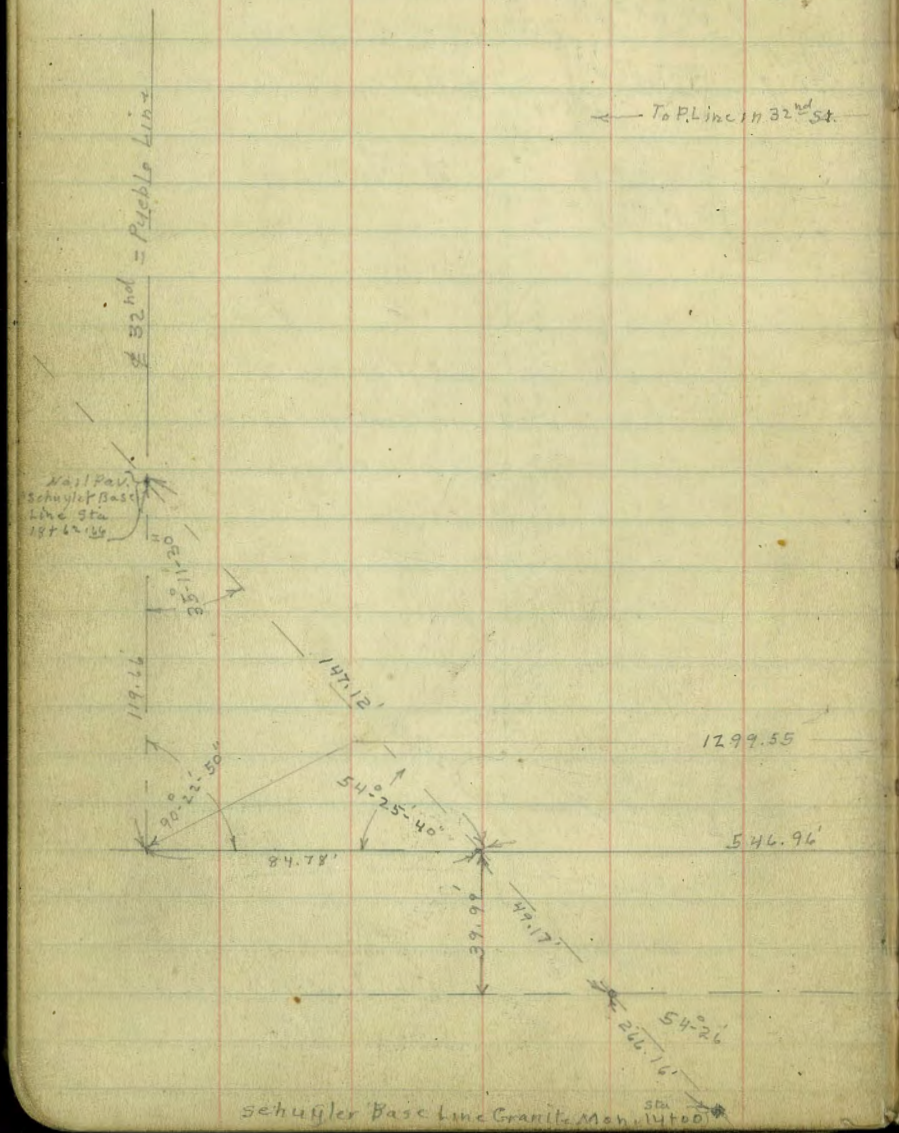
BM	7.83	81.76		78.93	S.E.B.P. Chatsworth & Jasmine
0+0	= Existing MH.		3.42	78.34	
+27.18	Δ Lt 24°47' Gutter		4.94	76.82	
	Top Cb.		3.95	77.81	
+33.78	= Nly Conc Walk		3.75	78.01	
+41.18	= Nly & Chatsworth		3.5	78.3	
+50			3.3	78.5	
1+0			1.6	80.2	
+12			1.5	80.3	
+20			6.5	75.3	
TP	0.23	69.44	12.55	69.21	
+30			1.7	67.7	
+40			8.2	61.2	
TP	0.22	57.02	12.64	56.80	
+60			3.6	53.4	
+80			9.4	47.6	
2+00.18	Δ Lt 67°26'		12.8	44.2	
+25			12.4	44.6	
+51.38	= Inside Prop. Pump Ho.		12.4	44.6	
BM			12.28	44.74	0.7 ft. N RP Hub Prop. Pump Ho.

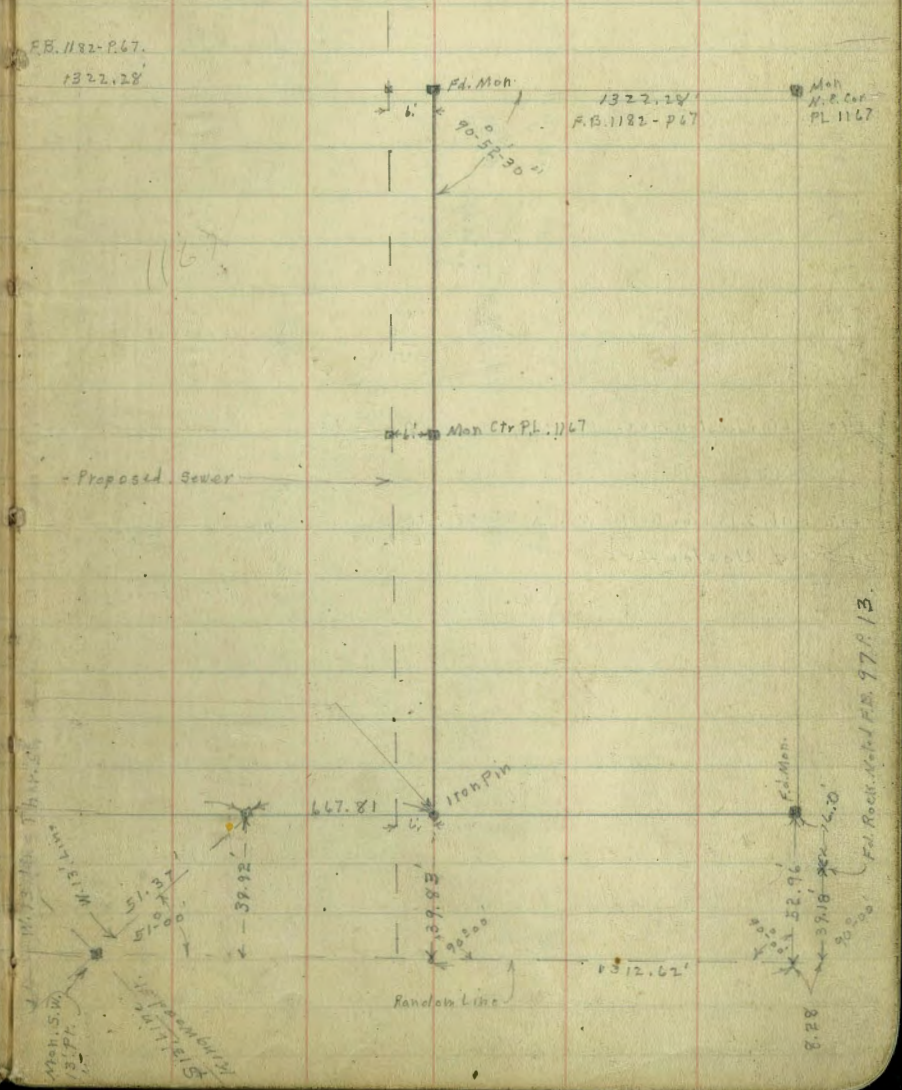


1-2-35
Miller
Walton
Bliss

Survey P.L. 1167. Indexed C.S.K.

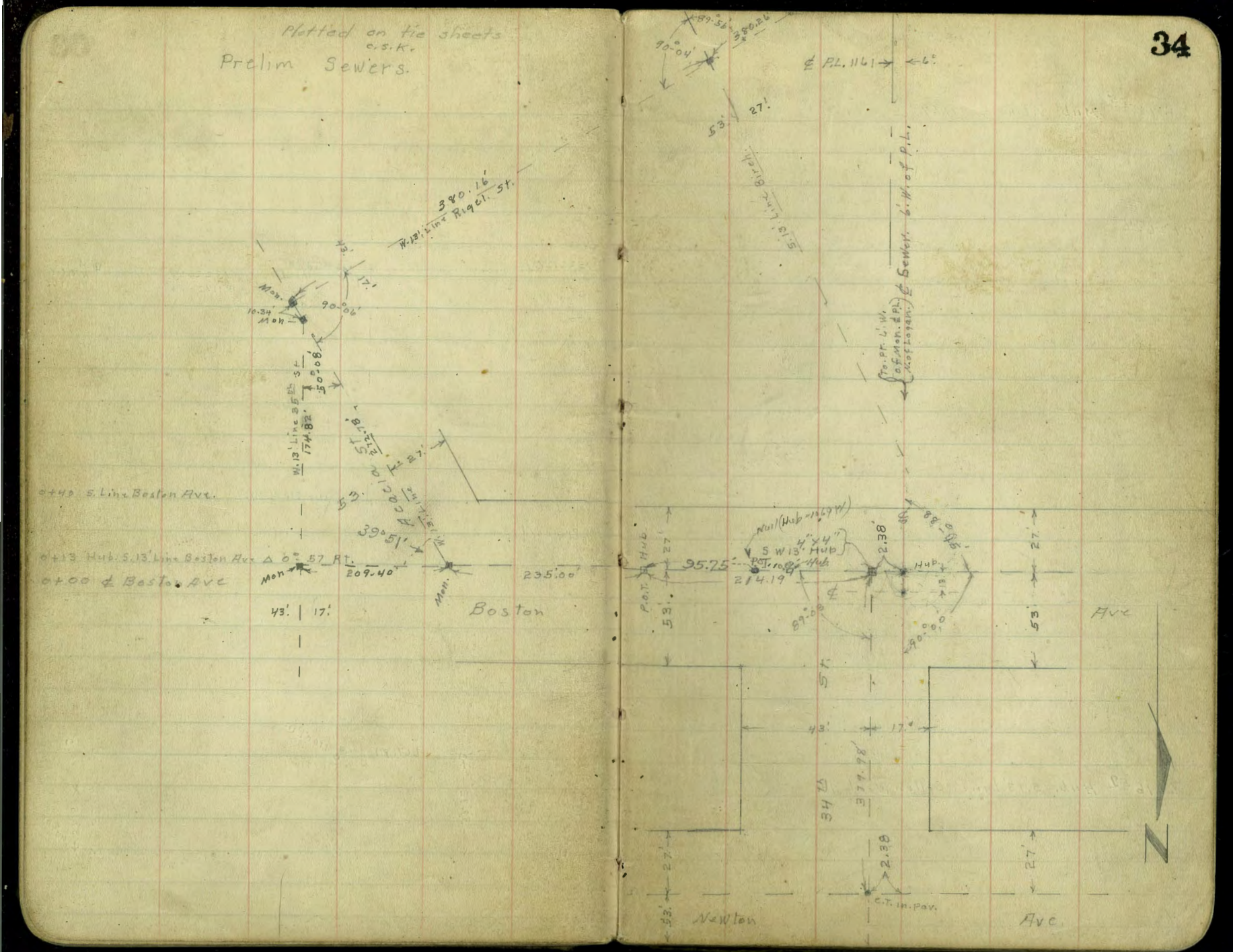
Plotted on the sheets. C.S.K. 1-13 52.94'





Plotted on tie sheets C.S.K.

Prelim Sewers.

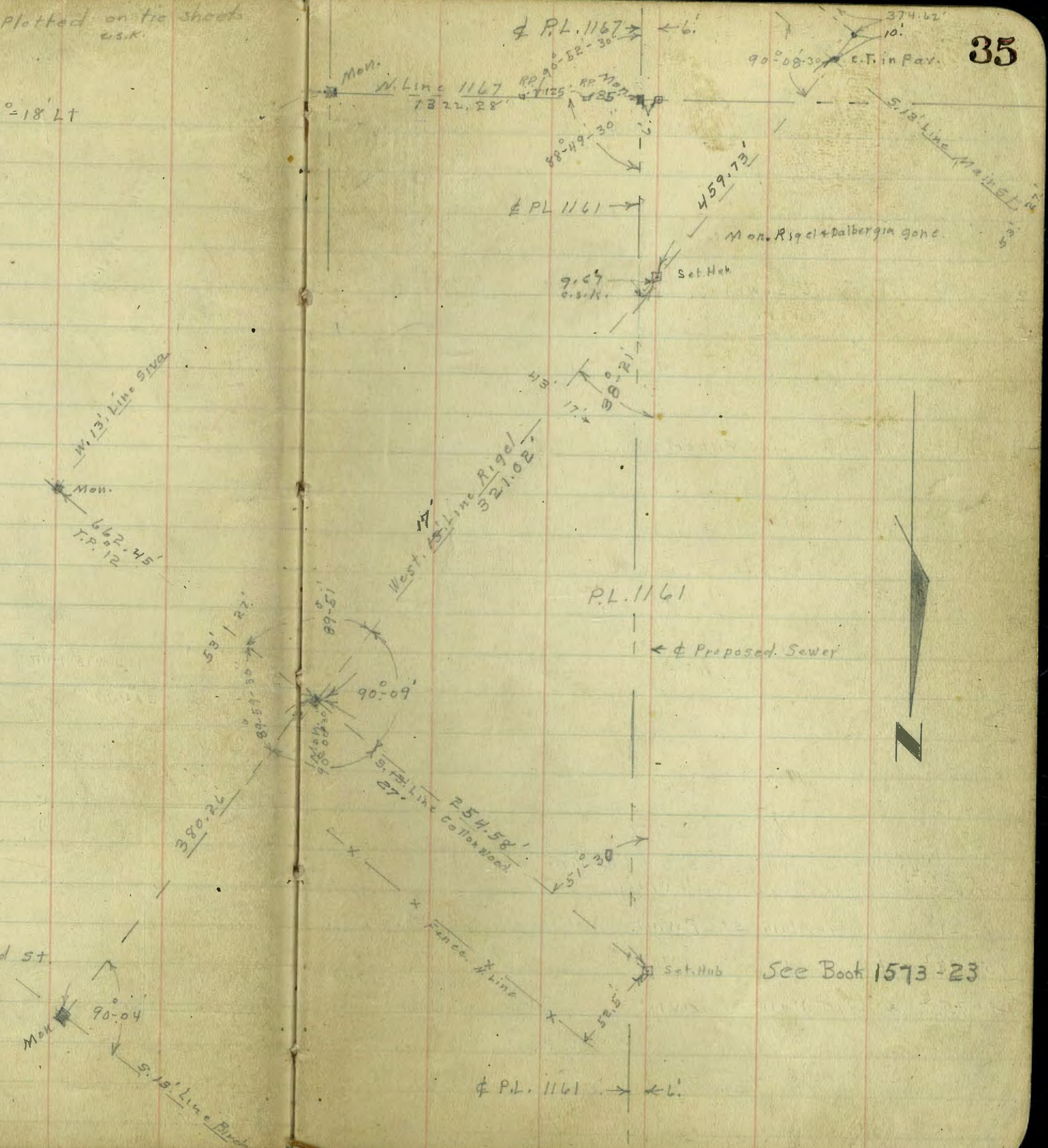


613.57 Plotted on tie sheets E.S.K.

12+98 55 Hub. N. Line P.L. 1167 ∠ 0°-18' Lt

10+26 74

6+16 59 Hub. S. 13' Line Cotton Wood St.



See Book 1573-23

Plotted on tie sheets C.S.K.

23+36.88 P.I. Ex. 8" Sewer in Alley

20+89.23 P.I. Ex. 16" Sewer

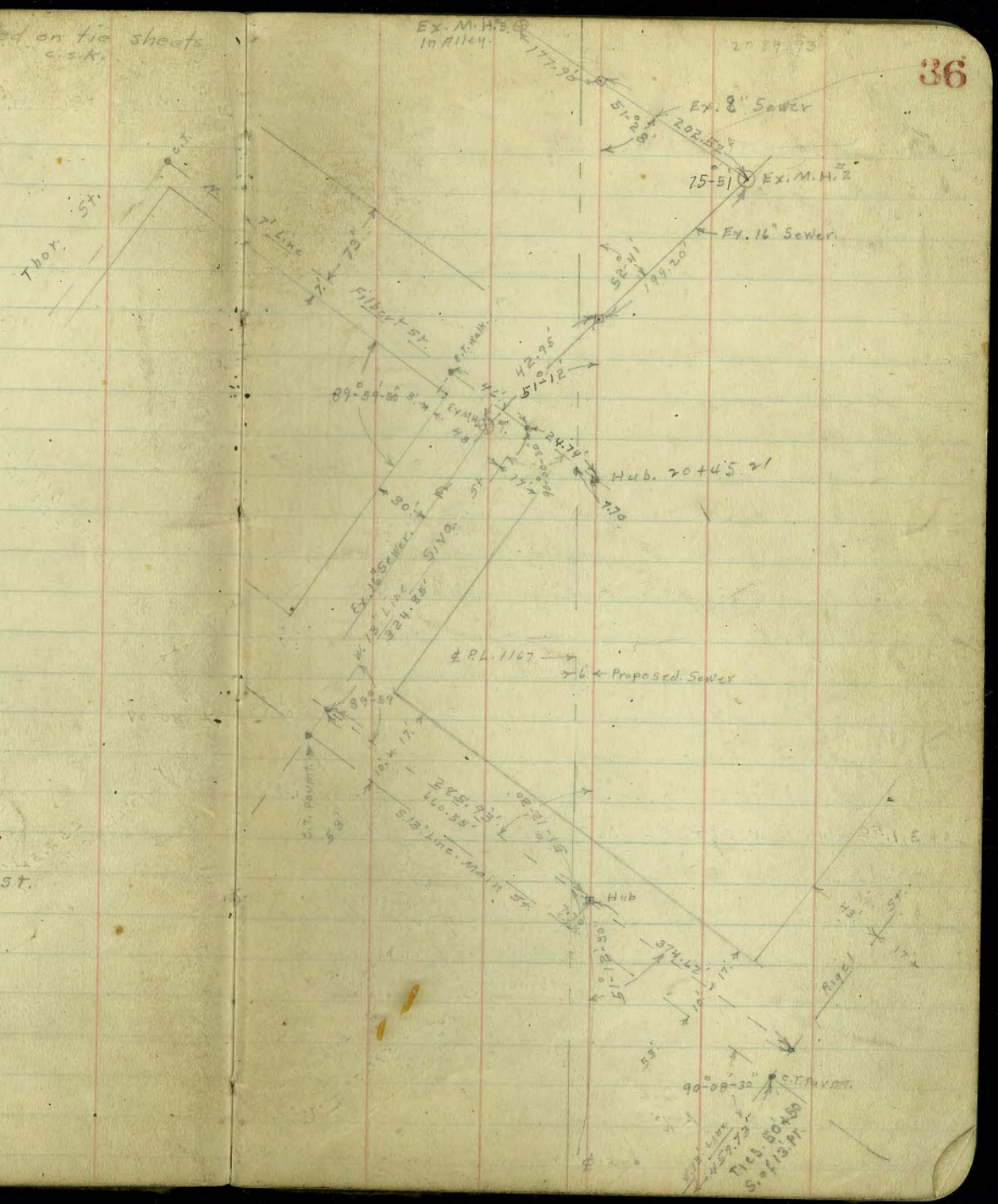
20+45.21 Hub. on N. 7' Line Filbert St.

16+28.40 P.I. offset Line 23' S. of ℄ Main St.

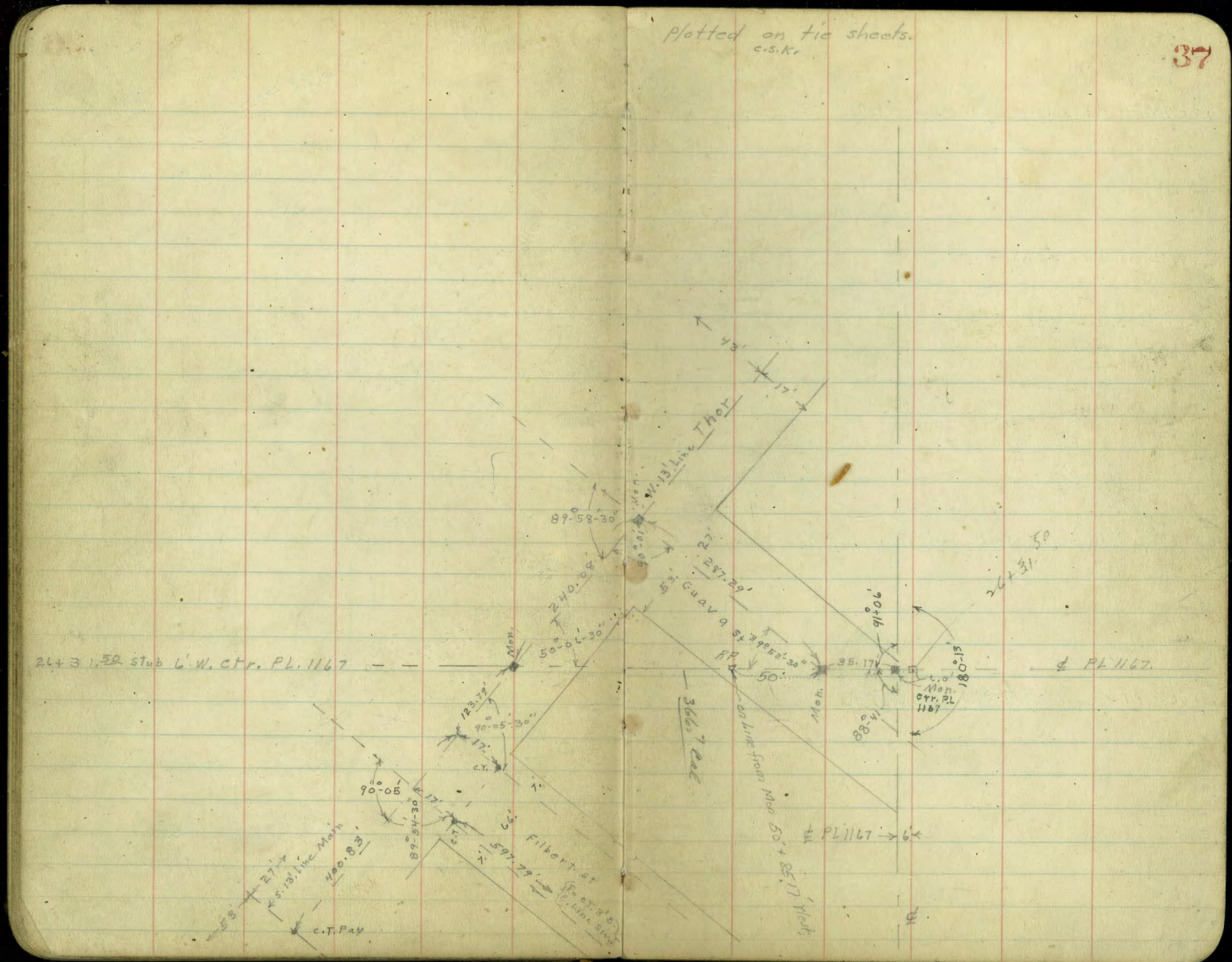
16+21.8 S. Edge Main St. Pavmt

15+98.2 ℄ " " "

15+75.6 N. Edge Main St. Pavmt



Plotted on tie sheets.
C.S.K.



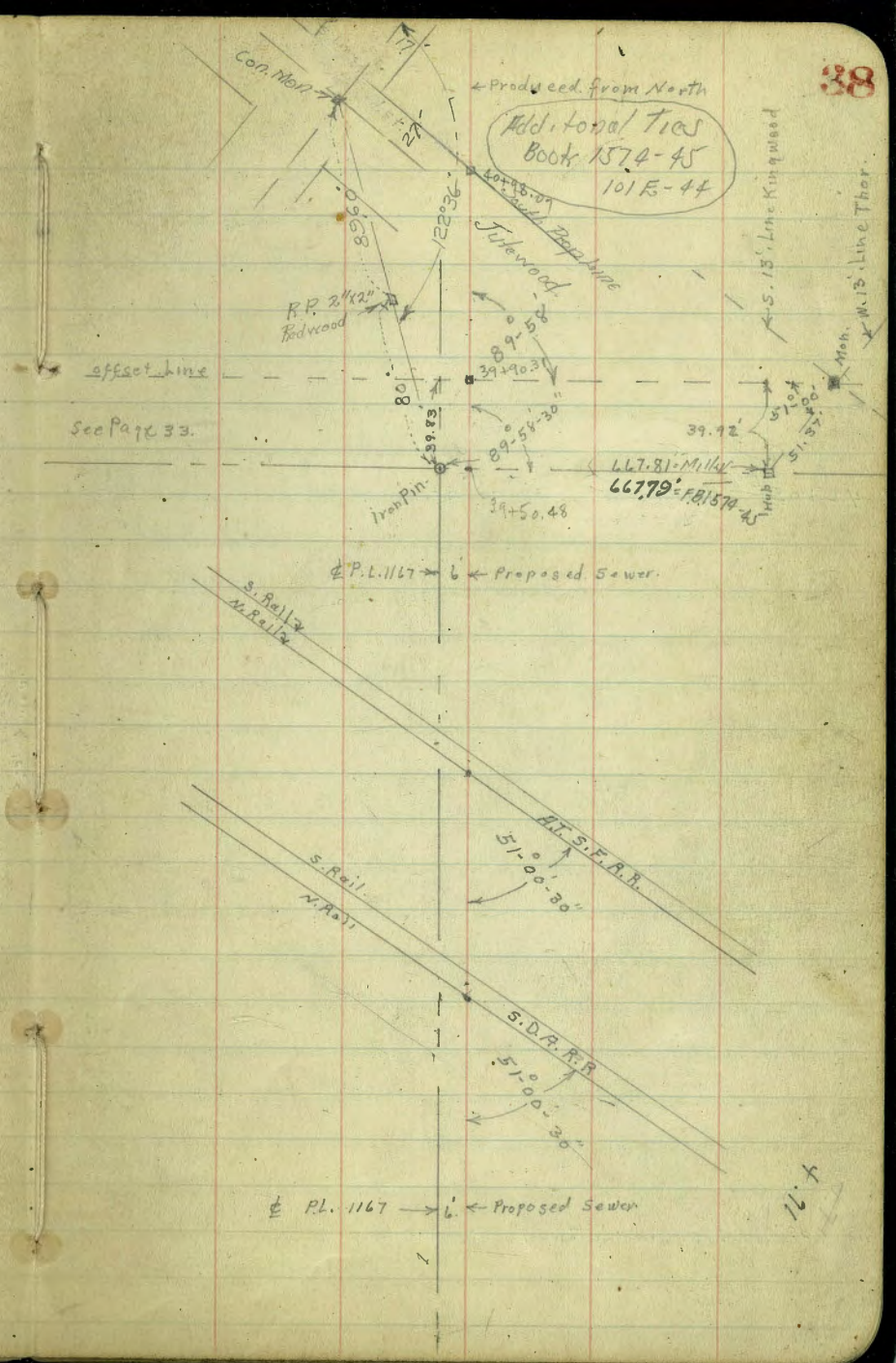
40+98.07 P.I. S. Line Jutewood St.

39+90.31 Stub on offset Line

39+50.48 S. Line P.L. 1167

38+75.47 P.I. Guage North Rail A.T.S.F.R.R.

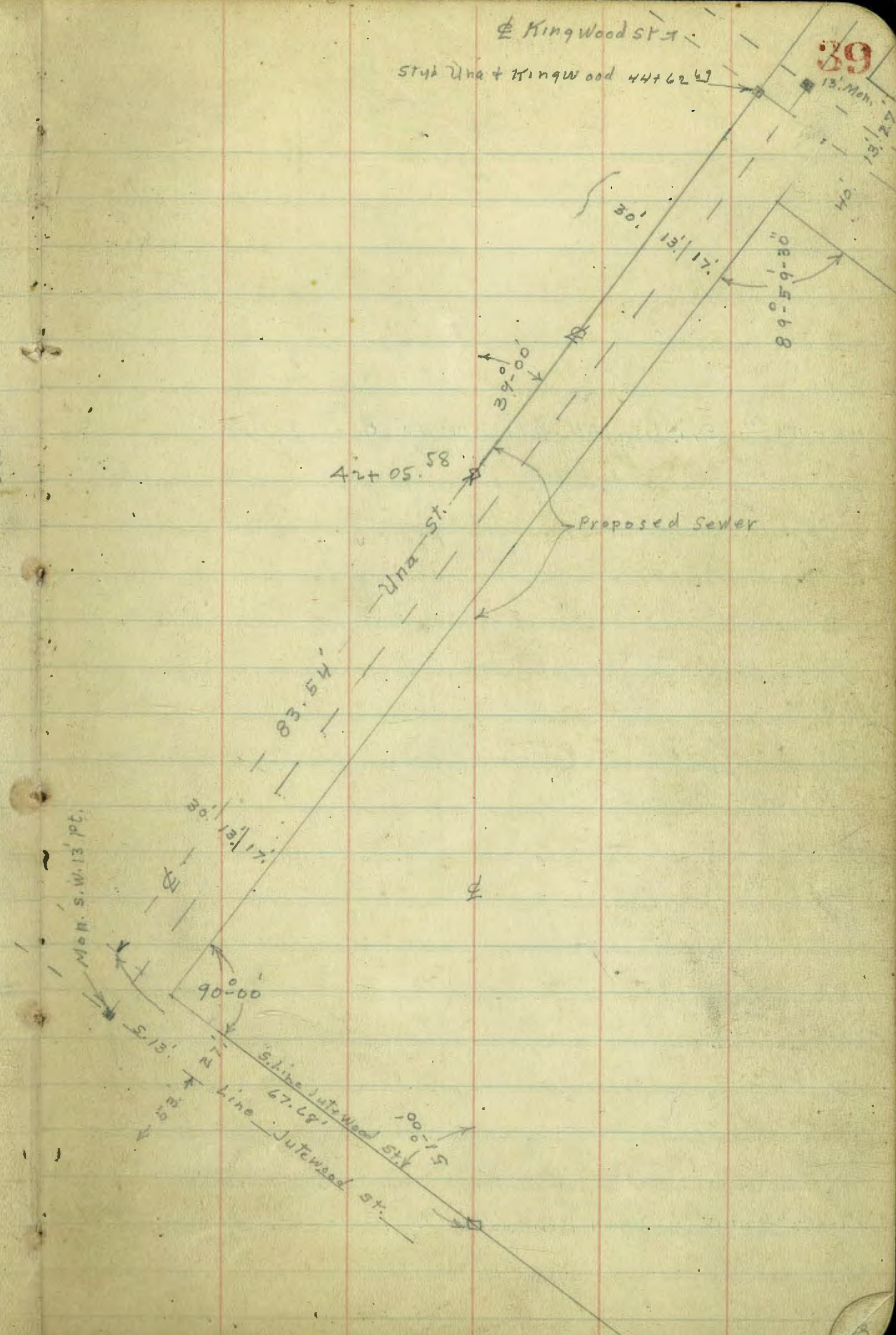
37+46.96 P.I. Guage North Rail S.D.A.R.R.



42+05 58 stub ℄ Una ∠ 39°-00' Rt.

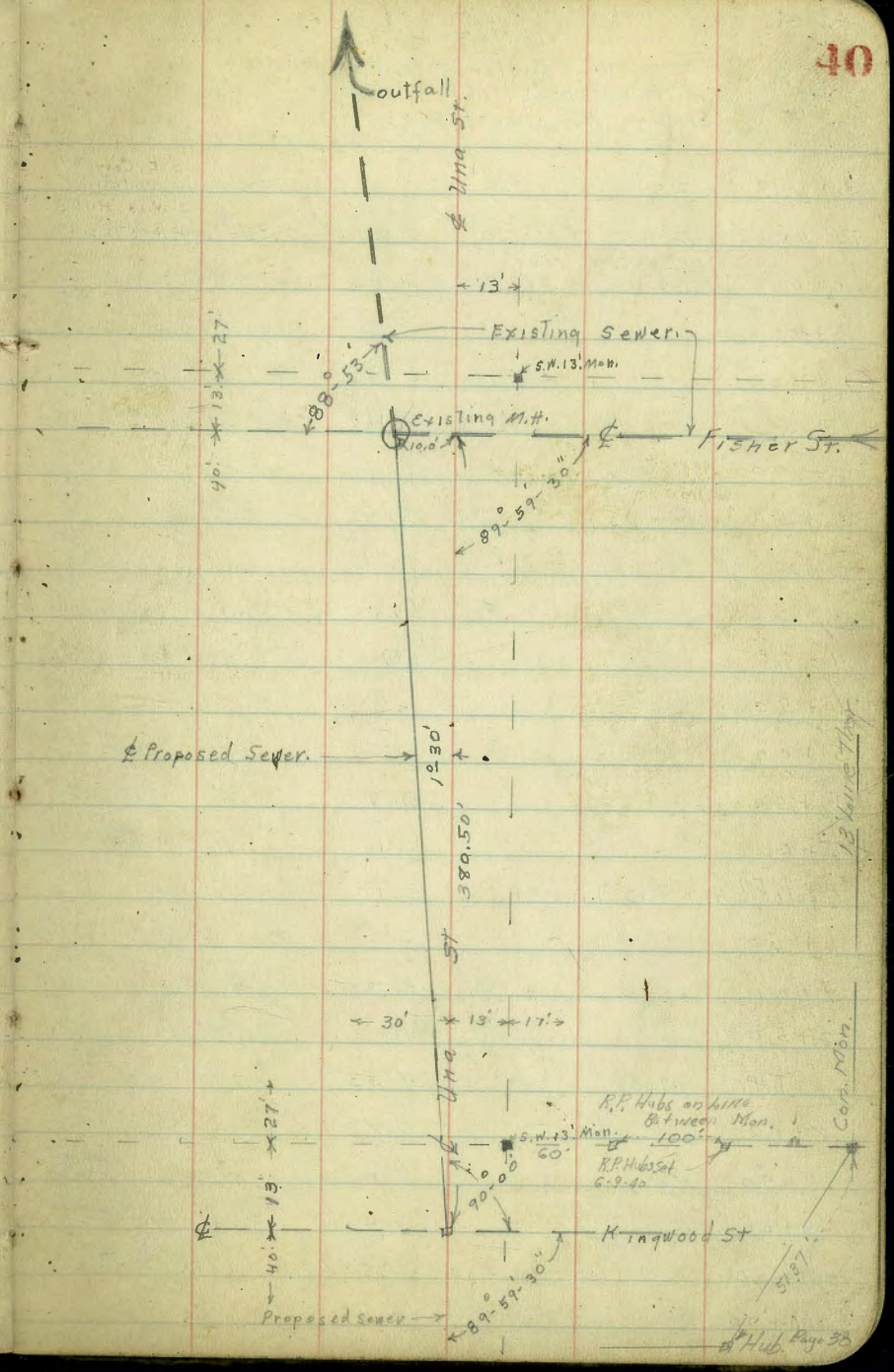
Angle 38° 06' R to MH
at Sta 48+43.3?
Calc HTN

40+98 02 P.I. S. Line Jutewood St. stub



48+43.32 Existing M.H. ℄ Fisher 10' E. of ℄ Una.

44+62.69 stub ℄ Una + Kingwood ∠ 1°-30' Lt.



Prelim. Sewer. C.L. of & of.
Pueblo Lots 1161 & 1167.
from 34th & Boston Ave to Blk 109.
Partition Map. P.L. 1168. Proposed
Sewage Treatment Plant.

B.M. B.P.	2.40	9.22 ✓		6.82	S.E. Cor 34th & National S.W. 13' Hub 34th & Boston
T.P. 4"x4"	5.95	6.30 ✓	8.87	0.35 ✓	
0+00 = { & Boston Ave 15.38' W. of & 34th St.			4.8	1.5 ✓	
0+50			5.8	0.5 ✓	
1+00			5.3	1.0 ✓	
1+50			5.6	0.7 ✓	
2+00			5.7	0.6 ✓	
2+50			5.5	0.8 ✓	
3+00			5.1	1.2 ✓	
3+50			5.8	0.5 ✓	
4+00			5.9	0.4 ✓	
4+50			6.0	0.3 ✓	
5+00			6.3	0.0 ✓	
5+50			5.9	0.4 ✓	
6+00			6.4	-0.1 ✓	
6+16.59 Hub S.13' Line Cottonwood			6.10	0.20 ✓	
6+50			6.0	0.3 ✓	
7+00			5.2	1.1 ✓	
7+50			4.0	2.3 ✓	
T.P.	7.38	9.15	4.53	1.77 ✓	
8+00			5.8	3.4 ✓	
8+50			6.0	3.2 ✓	
9+00			6.4	2.8 ✓	
9+50			6.5	2.7 ✓	
10+00			7.2	2.0 ✓	

9.15 ✓ Indexed C.S.K.

10+26.74 Hub. W.13' Line Rigel.	8.25	+0.90 ✓	
10+50	10.1	-0.9 ✓	
10+75	10.7	-1.5 ✓	
10+80 N.E Side Cut. Drainage Ditch	11.5	-2.3 ✓	
11+00	11.6	-2.4 -1.4 X	
11+06 S.W. Side Cut. Drainage Ditch	10.7	-1.5 ✓	
11+19 Top. Dyke.	1.4	+7.8 ✓	
11+23	5.1	4.1 ✓	
11+50	7.2	2.0 ✓	
12+00	7.8	1.4 ✓	
12+50	8.1	1.1 ✓	
12+98.55 Hub { S. Line P.L. 1161 N. Line P.L. 1167	8.18	0.97 ✓	
13+50	8.1	1.1 ✓	
14+00	8.2	1.0 ✓	
14+50	8.2	1.0 ✓	
15+00	8.4	0.8 ✓	
15+25	8.5	0.7 ✓	
15+50	7.1	2.1 ✓	
T.P. Hub 16+28.40 4.16 6.36 ✓	6.95	2.20 ✓	
15+75.5 N. Edge Main St. Pav	3.82	2.54 ✓	
15+98.7 & " " "	3.66	2.70 ✓	
16+21.8 S. " " " "	4.00	2.36 ✓	
16+28.40 Hub. on Line 3.3' S. & Main St.	4.16	2.20 ✓	
16+32	4.2	+2.2 ✓	
16+43	7.1	-0.7 ✓	
17+00	7.6	-1.2 ✓	

		6.36							
17+50			8.3	− 1.9					
18+00			8.0	− 1.6					
18+50			7.4	−1.0					
19+00			7.3	−0.9					
19+50			6.8	−0.4					
20+00			6.8	−0.4					
20+06			8.0	−1.6					
20+32			7.2	−0.8					
20+45 21	Hub. N.7' Line Filbert.		6.31	+0.05					
20+89 93	Hub. Ex. 16" Sewer.		5.[illegible]2	0.94					
Ex M.H.#1	42.95 to Lt of 20+89 93 on E. Line Filbert. St.		6.69	− 0.33	Top. M.H				
	" ℄ Siva.		15.61	−9.25	F.L.				
Ex. M.H#2	199.20' to Rt. of 20+89 93		6.78	− 0.42	Top. M.H.				
			16.34	− 9.98	F.L.				
21+00			5.1	1.3					
21+50			5.5	0.9					
21+78			6.1	0.3					
21+88			0.0	6.4					
T.P.	8.12	14.18	0.30	6.06					
22+00			6.5	7.7					
22+50			5.4	8.8					
23+00			5.1	9.1					
23+36 88	P.I. Ex 8" Sewer stub 1h. Alley.		5.70	8.48					
177.9' to Lt of 23+36 88	Ex. M.H.#3		6.42	7.76	Top. M.H.				
			20.47	− 6.29	F.L.				

Sewer. P.L.s 1167

				14.18					
23+50						5.1	9.1		
24+00						5.2	9.0		
24+50						4.8	9.4		
25+00						3.5	10.7		
25+25						2.9	11.3		
25+40						1.6	12.6		
25+50						1.9	12.3		
25+75						1.2	13.0		
TP			6.23	19.69		0.72	13.46		
26+00						5.4	14.3		
T.P.			6.01	21.94		3.76	15.93	Mon. Ctr. P.L. 1167.	
CHK. B.M. S.W. 13' Mon. Filbert + Thor.						11.77	10.17	= 10.18	
26+31.50	Hub 6' W. of Mon. ctr P.L. 1167					6.29	15.65		
26+50						6.0	15.9		
27+00						5.6	16.3		
27+50						5.5	16.4		
28+00						5.9	16.0		
28+50						6.2	15.7		
29+00						6.9	15.0		
29+50						6.7	15.2		
30+00						7.3	14.6		
30+50						8.1	13.8		
T.P.			0.50	14.81		7.63	14.31		
31+00						2.0	12.8		
+50						2.4	12.4		

		14.81			
32+00			2.6	12.2	✓
+50			3.4	11.4	✓
33+00			3.9	10.9	✓
+50			4.9	9.9	✓
34+00			5.4	9.4	✓
+50			6.0	8.8	✓
35+00			6.6	8.2	✓
+50			7.6	7.2	✓
36+00			8.1	6.7	✓
+32			9.0	5.8	✓
+50			7.3	7.5	✓
+57			10.2	4.6	✓
37+00			11.4	3.4	✓
+32			10.8	4.0	✓
+37			12.2	2.6	✓
+46			10.2	4.6	✓
+46.84	N. Rail S.D.A		9.57	5.24	✓
+62			12.0	2.8	✓
+70			9.5	5.3	✓
+85			10.6	4.2	✓
38+00			10.5	4.3	✓
+50			10.2	4.6	✓
+58			9.3	5.5	✓
+71			5.1	9.7	✓
+75.67	N. Rail A.T.S.F.		4.48	10.33	✓
+85			5.1	9.7	✓

		14.81		Sewer P.L. 1167.	
39+00			10.3	4.5	✓
T.P.		7.95	13.03	9.73	5.08 ✓
39+50.48	S. Line P.L. 1167			9.4	3.6 ✓
40+00				9.6	3.4 ✓
+50				9.5	3.5 ✓
+98.07	S. Line Jute wood stub			9.31	3.72 ✓
41+50				8.6	4.4 ✓
42+05.58	stub			7.83	5.20 ✓
42+50				5.2	7.8 ✓
43+00				4.6	8.4 ✓
+50				3.5	9.5 ✓
44+00				4.2	8.8 ✓
44+42.49	stub & Una + Kingwood			4.54	8.49 ✓
45+00				4.5	8.5 ✓
+10				4.9	8.1 ✓
+50				4.9	8.1 ✓
46+00				5.3	7.7 ✓
+50				5.4	7.6 ✓
47+00				5.8	7.2 ✓
+50				6.1	6.9 ✓
48+00				6.3	6.7 ✓
+50				6.5	6.5 ✓
48+43.32	E.X. MH.	10' E. & Una. & Fisher St.		6.9	6.1 ✓ ground.
48+43.22	" "			7.14	5.89 ✓ M.H. Rim.
48+43.32	" "	F.L.		12.81	−9.78 = −9.82 ✓ Cons. Notes
T.P. S.W. 13' M8h Una + Fisher		5.05	10.89	7.19	5.84 ✓

		10.89 ✓			
T.P. S.W. 13. Mon	2.73	8.13 ✓	5.49	5.40 ✓	Thorp Fisher
B.M. B.P.			595	2.18 ✓	S.W. 32nd Fisher 2.13

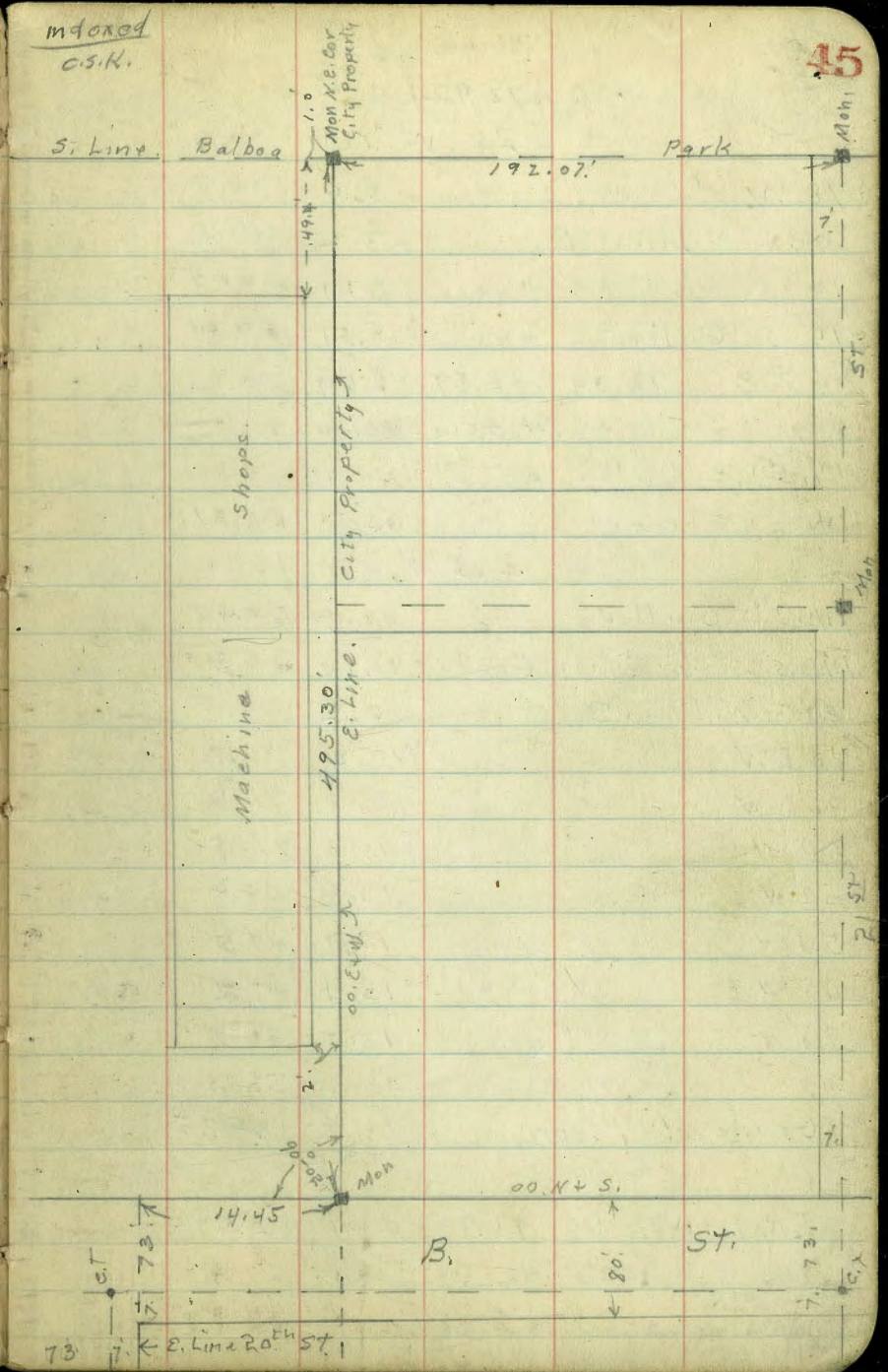
6-26-35
Milk
Weather
Bliss.

Contours Blk 12 Culver well
Area E. of City Barns.
0+00 N+S. = N. Line B. St.
0+00 E & W. = E. Line City Property.

BM. B.P.	0.96	71.19	70.23	S.E. 20th + B Sts.
76' W. = Existing asphalt Pavmt.				
300' N.		6.85	64.34	
250' N		7.31	63.88	
200' N		7.20	63.99	
175' N		6.70	64.49	
150' N		6.28	64.91	
100' N		5.82	65.37	
50' N.		5.38	65.81	
00 N = N Line B		4.60	66.59	
14' S. Gutter		4.97	66.22	
T.P.	2.69	72.92	0.96	70.23
52' W. = W. Side Machine Shops.				
Grade of floor			65.15	
28.5' W.				
14.5 = Gutter		5.52	67.40	
00 = N Line B.		5.09	67.83	
18' N.		5.00	67.92	
36' N		4.90	68.02	
52' N		5.36	67.56	
79' N S. End. Shops		4.10	66.9	
28' W.				
56' N.		5.4	67.5	
52 N		3.4	69.5	
36' N		3.0	69.9	

Indexed
C.S.K.

45



		72.92			
		28'. W. con			
18'. N				3.0	69.9
00 = N Line B				3.2	69.7
14'. S. cb				3.27	69.65
14' S Gutter				5.51	67.41
T.P.	12.34	82.57		2.69	70.23
		14.5'. W. = E. Line 20th			
14'. S. = Gutter				14.56	68.01
14'. " = cb.				12.36	70.21
		2.5' W.			
14'. S = Gutter				12.08	70.49
14' S = cb. Brk in Grade				11.60	70.97
00 = N. Line B.				10.2	72.4
18'. N				10.4	72.2
36'. N				10.8	71.8
50' N				11.3	71.3
52' N				13.8	68.8
54' N				15.1	67.5
65' N.				15.4	67.2
78' N. S. End. Shops.				15.7	66.9
		2'. W. = E. Side Shops			
Grade of floor.					65.35
T.P.	14.60	96.90		0.27	82.30

			96.90		
14'. S. of N. Line B. St. = N. cb. Line					
25'. E	Gutter			19.60	77.30
25. E	cmt. cb			19.26	77.54
50'. E.	Gutter			13.50	83.40
50'. E	cmt. cb			13.00	83.90
75'. E.	Gutter			7.30	89.60
75'. E	cmt. cb.			6.95	89.95
100 E.	Gutter			1.20	95.70
100' E.	cmt. cb			0.80	96.10
	0+00 = N. Line B.				
100'. E				0.8	96.1
75' "				7.2	89.7
50'. "				13.3	83.6
25'. "				19.3	77.6
13' E				22.4	74.1
00 E. & W.				24.4	72.5
	18'. N. of 00				
00 E & W.				24.5	72.4
25'. E				23.0	73.9
50'. E				20.3	76.6
75'. E				17.2	79.7
100' E				12.0	84.9
125' E				7.0	89.9
150' E.				2.0	94.9

96.90

30' N of 0+00

150' E.			7.6	89.3
125 E			13.3	83.6
100' E			16.0	80.9
75' E			17.8	79.1
50' E			20.6	76.3
25' E			22.0	74.9
0+00 E+W.			24.8	72.1
		45' N. of 00.		
0+00 E+W.			25.3	71.6
25' E			23.0	73.9
50' E			21.3	75.6
75' E			18.3	78.6
100' E			15.8	81.1
115' E			15.0	81.9
125' E			12.1	84.8
150' E.			7.7	89.2
		80' N. of 0+00		
150' E			0.0	96.9
125 E			10.0	86.9
100' E.			18.0	78.9
75' E			19.1	77.8
50' E			22.8	74.1
25 E			23.7	73.2
00 E+W.			25.7	71.2
T.P.	0.27	82.57	14.60	82.30
T.P.	12.38	86.07	8.88	73.69

86.07

140' N. of 00.

00 E+W			18.4	67.7
25' E			17.0	69.1
50' E			16.4	69.7
75' E			15.5	70.6
100' E			14.8	71.3
125' E			9.0	77.1
150' E.			2.0	84.1
175' E			+7.3	93.4
192' E =			+13.2	99.3
		200' N. of 00 = 200' N. of Line B.		
192' E =			+1.6	87.7
175' E			5.4	80.7
150' E			11.7	74.4
125' E.			16.6	69.5
100' E.			17.6	68.5
T.P.	4.54	78.23	12.38	73.69
75' E			10.7	67.5
50' E			11.0	67.2
25' E			12.2	66.0
00 E+W.			12.8	65.4
		250' N of 0+00		
0+00 E+W			12.7	65.5
25' E			12.9	65.3
50' E			12.8	65.4
75' E			12.0	66.2
100' E			11.5	66.7

78.23

125' E			11.2	67.0	
150' E			8.8	69.4	
175' E			5.0	73.2	
192' E			1.8	76.4	
	300' N. of 0+00 = S. Line A. St				
192' E			7.2	71.0	
175' E			9.1	69.1	
150' E			11.8	66.4	
125' E			12.0	66.2	
100' E			12.0	66.2	
75' E			12.0	66.2	
50' E			12.4	65.8	
25' E			12.5	65.7	
0.0 E+W			13.1	65.1	
T.P.	5.74	79.43	4.54	73.69	
orig BM			9.21	70.22	70.23

Xsec of Poe St Willow to 200' Ely.

70' wide 18' cbs 8.5 1/4 c

Moore 12-18-35

SWBP	9.59	187.38		177.79	Willow Poe
			0-10		
S Top cb.			8.78	178.60	
S gut			9.59	177.79	
cb pav.			8.70	178.68	
1/4 "			8.46	178.92	
C "			8.29	179.09	
1/4 "			8.15	179.23	
cb "			8.04	179.34	
N gut			8.23	179.15	
N Top cb			7.45	179.93	
			0+00 Ely Willow		
N			6.4	180.98	
+10 = Top end cb			7.30	180.08	
+10. = gut			8.07	179.31	
cb pav.			8.06	179.32	
1/4 "			8.17	179.26	
C "			8.25	179.13	
1/4 "			8.43	178.95	
cb "			8.67	178.71	
+8 gut			8.95	178.43	
+8 Top cb			8.20	179.18	
S			8.4	179.0	

indexed c.s.k.

187.38

			0+03		
S			3.7	183.7	
cb			2.8	184.6	
1/4			2.1	185.3	
+7			1.9	185.5	
C			8.0	179.4	
1/4			8.5	178.9	
cb			8.2	179.2	
N			5.0	182.4	
			0+25		
N			4.1	183.3	
+15			6.8	180.6	
cb			10.2	177.2	
1/4			10.3	177.1	
C			10.3	177.1	
+1			4.0	183.4	
1/4			4.3	183.1	
cb			5.0	182.4	
S			5.7	181.7	
			0+50		
S			11.4	176.0	
cb			10.5	176.9	
1/4			9.2	178.2	
C			8.8	178.6	
+1			12.6	174.8	
1/4			12.8	174.6	

		187.38		
N ob			12.3	175.1
+N			8.1	179.3
N			7.5	179.9
	0+60			
N			9.6	177.8
+13			9.7	177.7
ob			12.6	174.8
1/4			12.8	174.6
+7			12.4	175.0
C			10.6	176.8
1/4			11.8	175.6
ob			12.8	174.6
S			14.3	173.1
	0+85			
-10			21.7	165.7
S			21.4	166.2
cb			19.7	167.7
1/4			14.7	172.7
C			12.3	175.1
1/4			12.9	174.5
cb			12.9	174.5
N			11.1	176.3
+5			11.5	175.9
T.P.	1.33	175.68	13.03	174.35

		175.68		
	1+00			
-10			5.1	170.6
N			4.8	170.9
cb			2.8	172.9
1/4			3.8	171.9
C			4.4	171.5
1/4			8.5	167.2
cb			11.4	164.3
S			13.4	162.5
+14			14.7	161.0
	1+20			
-15			19.5	156.2
S			18.5	157.2
cb			16.3	159.4
1/4			15.8	159.7
C			14.5	161.2
1/4			12.7	163.0
cb			12.4	163.5
N			11.1	164.6
+10			10.5	165.2
	1+29 Top Cut To N			
-10			12.9	162.8
N			13.1	162.6
T.P.	0.88	163.78	12.78	162.90
cb			3.5	160.3
1/4			4.8	159.0

		163.78						163.78			
C			5.6	158.2		S + 20			20.3	143.5	
1/4			6.2	157.6		T.P.	0.92	151.63	13.07	150.71	
C6			6.9	156.9			1+85	Toe fill To N			
N			8.7	155.1		S - 20			16.2	135.4	
+20			9.9	153.9		S			14.1	137.5	
	1+35	Bot. Cut to N				C6			13.5	138.1	
S - 20			11.5	152.3		1/4			13.5	138.1	
S			10.1	153.7		C			13.7	137.9	
C6			8.6	155.2		1/4			12.7	138.9	
1/4			8.2	155.6		C6			12.1	139.5	
C			7.3	156.5		N			10.8	140.8	
1/4			6.2	157.6		+20			6.7	144.9	
C6			5.0	158.8		2+00					
+8			4.8	159.0		- 20			14.0	137.6	
N			7.0	156.8		N			15.7	135.9	
+50			7.1	156.7		C6			17.9	133.7	
	1+65	Shoulder fill To N.				1/4			18.8	132.8	
N - 50			7.4	156.4		C			19.0	132.6	
N			9.2	154.6		1/4			19.1	132.5	
+7			10.2	153.6		C6			19.8	131.8	
C6			15.5	148.3		S			20.5	131.1	
1/4			16.2	147.3		+20			20.7	130.9	
C			17.1	146.7		T.P.	12.76	163.47	0.92	150.71	
1/4			17.7	146.1		T.P.	12.51	175.74	0.24	163.23	
C6			18.3	145.5		T.P.	10.32	185.59	0.50	175.24	
S			19.3	144.5		check to BM			7.80	177.79	177.79

Xsec Alley 20' wide
Blk 25 Ft. Lorna Hts.
Between Santa Barbara & Guizot
Narragansett & Del Monte

Moore 12-20-27

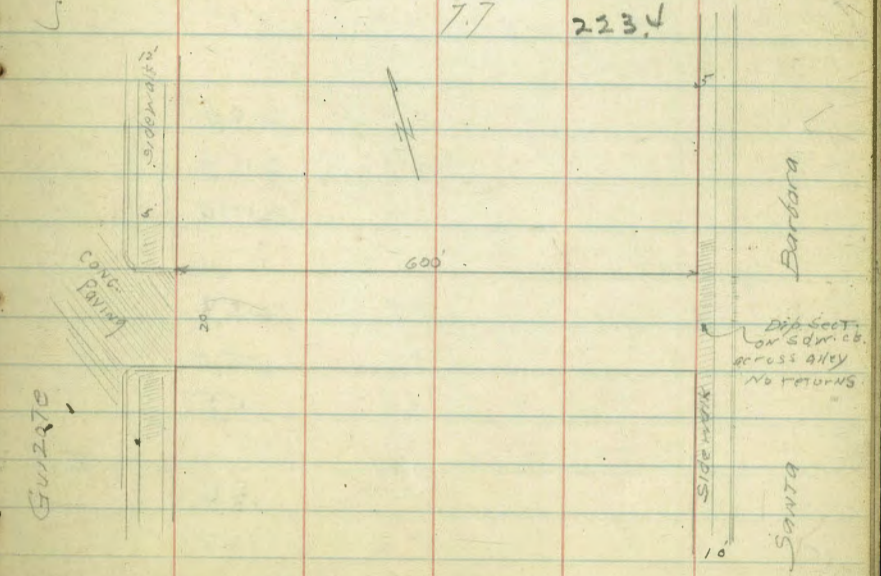
indexed
C.S.K.

NEBP	0/3	237.61'		237.48	Santa Barbara Del Monte
T.P.	2.98	231.08'	gut	228.10	
	0-10				
S	Top cb		2.40	228.68	
S	Conc. gut		3.42	27.66	
N	" "		4.62	26.46	
N	Top cb		3.62	27.46	
	00 = w/f Santa Barbara				
N	cen sdw		3.48	27.60	
C	" "		3.30	27.78	
S	" "		2.16	228.94	
	0+10				
S			1.34	229.6	
C			2.42	28.9	
N			3.0	28.1	
		+50			
N			3.90	27.2	
C			3.1	28.0	
S			2.3	28.8	
	1+00				
S			3.4	27.7	
C			4.0	27.1	
N			4.5	226.6	

231.08

1+50

N		5.7	225.4
C		5.2	25.9
S		4.7	26.4
	1+61		
S-20 Sing. garage	(1st floor)	3.10	~~28.0~~ 227.98
	2+00		
S		6.2	24.9
C		6.7	24.4
N		7.2	23.9
	2+50		
N		8.8	22.3
C		8.0	23.1
S		7.7	23.4



		231.08			
3+00					
S			9.5	221.6	
C			9.6	21.5	
N			9.9	21.2	
3+50					
N			11.6	19.5	
C			10.9	20.2	
S			10.7	20.4	
4+00					
S			12.6	18.5	
C			13.0	18.1	
N			13.4	217.7	
T.P.	1.39	219.33	13.14	217.94	
4+50					
N			3.3	216.0	
C			2.9	216.4	
S			2.3	217.0	
5+00					
S			3.9	215.4	
C			4.3	15.0	
N			4.8	14.5	
5+50					
N			5.9	13.4	
C			5.6	13.7	
S			5.3	214.0	

		219.33			
5+75					
S			5.6	213.7	
C			6.6	12.7	
N			6.6	212.7	
6+00 Ely Guizot					
N	Top cb		9.58	209.75	
N	pav		9.72	209.61	
C	pav		9.97	209.36	
S	pav		9.41	209.92	
S	Top cb		8.94	210.39	
TP	9.72	219.03	10.02	209.31	
check to SwBP Dolphin & Guizot			1.02	218.01	218.03

Plotted AEB

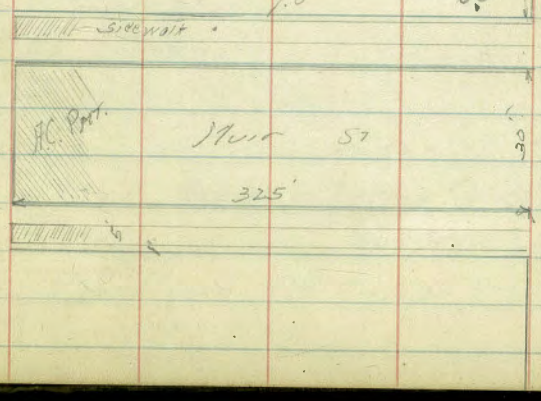
Levels on Main St. Paving — Moore 12-20-24

W of Abbott St.

NWBP	6.41	8.35		1.94	Main & Abbott
		3+00			
N Top cb			7.00	1.36	
N gutter pan			7.63	0.72	
1/4 "			7.73	0.82	
C "			7.71	0.84	
1/4 "			7.77	0.78	
S gutter "			7.72	0.63	
S Top cb			7.07	1.28	
		3+25 = Wly endparing			
S Top cb			7.15	1.20	
S gut pan			7.80	0.55	
1/4 "			7.85	0.50	
C "			7.90	0.45	
1/4 "			7.82	0.53	
N gut "			7.80	0.55	
N Top cb			7.07	1.28	
		3+50			
N cb			5.0	3.4	
1/4			5.2	3.2	
C			6.1	2.3	
1/4			7.3	1.1	
S cb			7.5	0.9	

Indexed C.S.K. — 8.35

	3+75		
S cb		7.6	0.8
1/4		7.6	0.8
+		7.6	0.8
C		6.2	2.2
1/4		4.9	3.5
N cb		3.9	4.5
	4+00		
N cb		6.8	1.6
1/4		7.2	1.2
C		7.9	0.5
1/4		7.8	0.6
S cb		7.6	0.8
	4+25 = High Tide line		
S cb		8.0	0.4
1/4		7.9	0.5
C		8.0	0.4
1/4		8.0	0.4
N cb		7.8	0.6



1-15-36
Miller
Walker
Bliss

X See Alley Blk 48 W.D. Herberts Add
E + W. Alley.

B.M. BP	3.96	371.68	367.72	S.W. El Cajon + 39th St.

10' W. of E. Line 39th St. = E. curb Line

S-25	Top. curb.	4.70	366.98
S-25	gutter pav	5.31	366.37
S.	" " "	4.62	367.06
S	Top. ck pav	5.18	366.50
℄	pav	5.05	366.63
+7.5=N	gutter pav	5.11	366.57
+7.5=N	Top. ck.	4.64	367.04
N+25	" "	4.57	367.11
N+25	gutter pav	5.10	366.58
N+50	" "	4.96	366.72

0+00 = E. Line 39th St.

N. E. End	Top. ck.	4.63	367.05
N. E. End.	pav	4.94	366.74
℄	" "	4.89	366.79
17.5=S	" "	4.77	366.91
17.5 S E	" Top. ck.	4.44	367.20

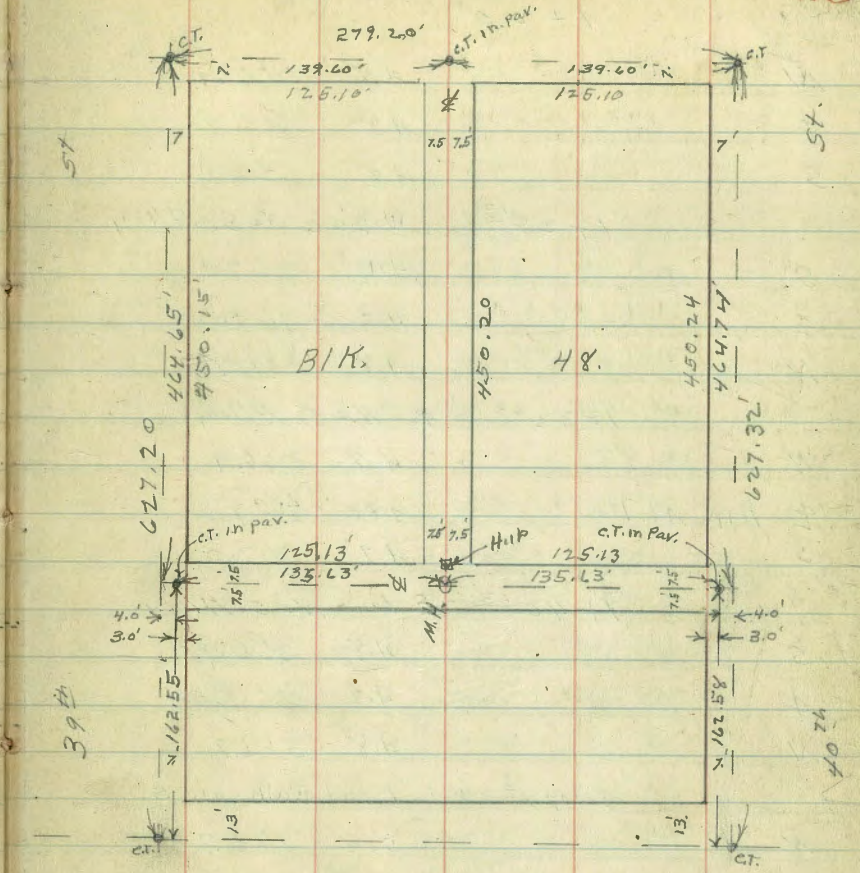
0+50

S		4.5	367.2
℄		4.5	367.2
N		4.5	367.2

Indexed
C.S.K.

Meade Ave

55



Recorded on Tie Prints Sheets 3572-73
FB - 918/42

(Naval - Cross Sections FB 1658 - P-77
Sept. 25-1945)

371.68

1+00

N		4.8	366.9
℄		4.8	366.9
S		4.8	366.9
	1+25 13 = W. Line N+S. Alley		
S		4.6	367.1
℄		4.7	367.0
N		4.8	366.9
	1+32 63 = ℄ N+S. Alley		
N		4.8	366.9
℄	Rim N. 11	4.80	366.9
S		4.7	367.0
	1+40 13 = E. Line N+S. Alley.		
S		4.8	366.9
℄		4.7	367.0
N		4.8	366.9
	1+77 3 = W. End cmt Walk on S.		
N		5.0	366.7
℄		5.1	366.6
S		4.9	366.8
T.P. = N. 4.94	371.60	5.02	366.66
+1.9 = N. Edge cmt. Walk		4.57	367.11
	2+00		
S-1.9 = N. Edge cmt. Walk.		4.59	367.01
S.		4.7	366.90
℄		4.8	366.80
N		4.8	366.8

371.60

2+41 40 = Beg. in cmt. walk on S

N		4.8	366.8
℄		5.0	366.6
+7.3	ground	4.7	366.9
+7.3	N. edge walk to E.	4.40	367.20
+7.5 = S	on walk	4.40	367.20
+1.8	N edge walk to E. W	4.36	367.24
	2+47.4 = E. End. cmt. walk on S.		
S.	on walk	4.30	367.30
+0.2	N. edge E. End. cmt. Walk	4.30	367.30
+0.2	ground	4.7	366.9
℄		5.0	366.6
N		4.8	366.8
	2+65 26 = W. Line 40 76 St.		
N	Top. c.b. W. End.	4.76	366.84
N	gutter Pav. " "	4.94	366.66
℄	" " "	5.14	366.46
S	" " " "	5.00	366.60
S	Top. cb. " "	4.91	366.69
	10' E = W. el. Line		
S-4.5	Top el	5.18	366.42
S-4.5	gutter Pav	5.74	365.86
S	" "	5.66	365.94
S	Top. el	5.09	366.51
℄	Pav	5.66	365.94
N	gutter "	5.66	365.94
N	Top. cl	5.05	366.55
N+45	" "	4.94	366.64
N+45	Gutter Pav.	5.55	366.05

371.60

N. + S. Alley

T.P.	5.70	372.61	4.69	366.91
	0+00 = N. Line ℄ W. Alley.			
E			4.7	366.9
℄			4.7	366.9
W.			4.7	366.9
	0+50			
W			6.0	366.6
℄			5.4	367.2
E			5.8	366.8
	0+75			
E			5.8	366.8
℄			5.8	366.8
W			5.9	366.7
	1+00			
W			5.4	367.2
℄			5.4	367.2
E			5.6	367.0
	1+15			
E			5.6	367.0
℄			5.2	367.4
W			5.2	367.4
	1+50			
W			5.7	366.9
℄			5.8	366.8
E			5.7	366.9

372.61

57

1+79.50 = S. End Double Garage on W emt. floor 3.0 Back

E		5.5	367.1
℄		5.6	367.0
W		5.4	367.2
+0.1	= E. edge emt. Apron	5.39	367.22
+3.8	= emt. floor	5.15	367.46
	1+98.50 = N. End. above garage		
W-3.0	emt. floor	5.05	367.56
W-0.1	E. edge emt. apron	5.36	367.24
W		5.3	367.3
℄		5.3	367.3
E		5.3	367.3
	2+00 = S. Edge emt. walk from W.		
5.3 W. of ℄	= {S. Edge / E. End} emt. walk	5.28	367.33
7.5 " " "	= W.	5.08	367.53
	2+02 = {N. Edge above walk / S. End. emt walk on W.		
W.	= N. edge above walk	5.08	367.53
+1.6	= E. edge S. End. emt. walk	5.20	367.41
	2+06.20 = {N. End. above walk. / S. " Double garage on W. emt. floor 0.6 Back		
W-0.6	emt. floor of Garage	4.90	367.71
W.	on emt. apron	4.94	367.67
+1.6	= E. Edge N. End. emt. walk	5.13	366.48
+3.2	= E. " S. " emt. apron	5.16	367.45
℄		5.0	367.6
E		5.0	367.6

372.61

2+24.50 {N. End. Double garage on W
{S. " cmt walk on W.

E		5.0	367.6
℄		5.0	367.6
+5.2' = E. Edge	{cmt. walk / cmt apron	5.14	367.47
W	apron & walk	4.87	367.74
+0.6 =	cmt. floor	4.82	367.79

2+29 = Jog in E. Edge of cmt. walk on W.

W =	E. edge of walk to N	4.65	367.96
W+2.6 =	E. Edge " to S.	4.88	367.73

2+45'

W =	E. Edge cmt. walk	4.64	367.95

2+48.3 = N. End. cmt. walk on W / S. " cmt. Steps + Porch on W 0.6' In Alley

W. on walk		4.62	367.99
+0.6' E. =	E. edge walk	4.62	367.99
℄		4.7	367.9
E,		4.9	367.7

2+57.5 = N. End cmt. Porch on W.

T.P.	5.12	373.18	4.55	368.06

2+65.4 = S. Edge cmt. walk on W.

1.6 E. of W. Line = {S. edge / E. End} Walk

2+69 =	{N. Edge Walk. on W.	5.14	368.02
	{S. End. Tripple Garage on W. cmt. floor		0.3' Back
	{S " " " E " "		7.2" "
E-7.2' =	cmt. floor	4.97	368.21
E-5.1' =	W. edge cmt. apron	5.15	368.03
E		5.3	367.9

373.18

58

℄		5.2	368.10
+6 =	{E. edge N. End walk. / E. edge cmt apron	5.16	368.02
W.	on cmt. apron	4.96	368.22
+0.3	cmt. floor	4.91	368.27

2+98 {N. End. Tripple garages on E + W. / {S. Side cmt. walk on W.

W-0.3	cmt. floor	4.98	368.20
W.	on cmt. apron.	5.04	368.14
+1.5' =	{E. Edge cmt. apron / E. End " walk.	5.14	368.04
℄		5.1	368.1
E		5.2	368.0
+5.1'		5.10	368.08
+7.2'		4.98	368.20

2+99.8 = W. Edge cmt. walk.

1.5' E. of W. = {E. End / N. Edge} Walk

		5.12	368.06

3+50

E-0.5 =	W. End ℄ cmt. Walk.	4.88	368.30	2' Wide
E		4.7	368.5	
℄		4.7	368.5	
W		4.9	368.3	
T.P.	5.04	373.39	4.83	368.35

3+86 = S. Side double garage on W. cmt floor 4.8 Back

W-4.8	cmt. floor.	4.57	368.82
W-1.4	E. Edge cmt. apron	4.80	368.59
W.		4.9	368.5

3+98 N. Side above garage

W-4.8	cmt. floor	4.50	368.89
W-1.4	E. edge cmt apron.	4.73	368.66
W		4.8	368.6
℄		4.9	368.5
E		4.8	368.6

4+02 = S. Side garage on E. cmt. floor 4' Back

E-4	= cmt. floor	4.22	369.17
E	= W. End cmt. apron	5.20	368.19
E. ground		4.9	368.5

4+10 = N. Side above garage

E-4.'	= cmt. floor	4.19	369.20
E,	= W. edge cmt. apron	5.10	368.29
E. ground		5.0	368.4

4+40

E		4.9	368.5
℄		4.8	368.6
W		4.8	368.6

4+50 = S. Line Meade Ave

W.	cmt. ch	S. End	4.79	368.60
W.	Pav	" "	4.97	368.42
℄	"	" "	5.16	368.23
E.	"	" "	4.99	368.40
E	cmt. ch.	" "	4.78	368.61

14' N. of S. Line = S. ch. Line

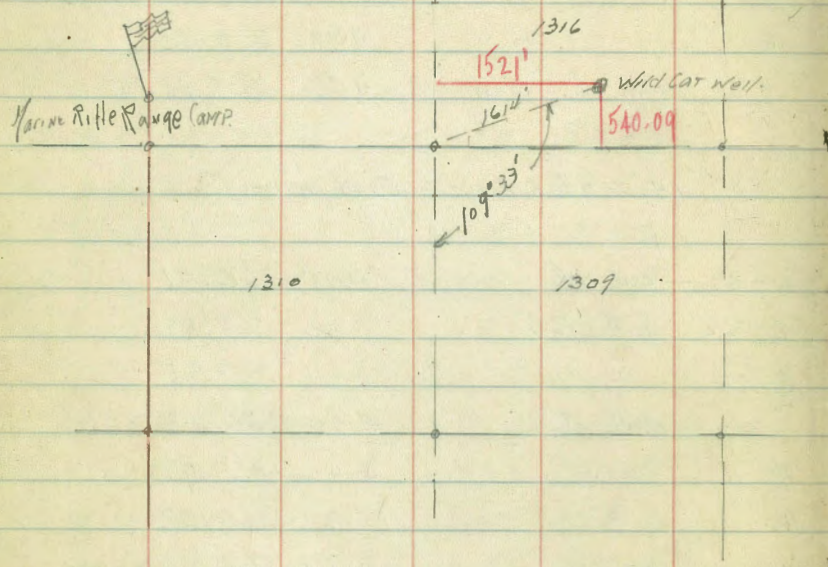
E-32,	cmt. ch		4.98	368.41
E-32'	gutter Pav		5.52	367.87
E.	" "		5.44	367.95
E	cmt. ch.		4.96	368.43
℄	pav.		5.42	367.97
W.	"		5.37	368.02
W	cmt. ch.		4.93	368.46
+32.	" "		4.84	368.55
+32	pav.		5.26	368.13
T.P.	5.55	372.60	6.34	367.05
Orig B.M.			4.87	367.73 = 367.72

Moore
3/20/26

Indexed
E.S.K.

60

Location of old casing of the J.P. Mills
Wild Cat Oil Well P.L. 1316



Moore, Sissan, Northern
3-20-86.

Levels & Location of Proposed 6' wide Path to Ocean from Spindrift Dr. S. of Spindrift Inn

				City Datum	
SE BP.	12.76	15.32		2.56	El Paso Grande Spindrift
T.P. C.T. 100' S	3.72	15.33	3.71	11.61	
0-10 = cb					
N			3.88	11.45	✓
S			3.62	11.71	✓
0-5.33 inside edge walk					
N			3.61	11.72	✓
S			3.32	12.01	✓
0+00					
N on R/W Hub			3.31	12.02	✓
S			2.9	12.4	✓
0+07					
2.4 N of NL Garage floor El.			3.3	12.0	✓
N			3.4	11.9	✓
S			2.6	12.7	✓
0+31					
2' N of NL ℄ of 4' wide window			0.5	14.8	✓ Window sill
N			5.0	10.3	✓
S			5.1	10.2	✓
0+40					
3' N of NL ℄ 3' wide window			0.10	15.2	✓ " "
N			4.4	10.9	✓
S			4.8	10.5	✓
0+46					
3' N of NL ℄ 4' wide window			+ 0.4	15.7	✓ " "

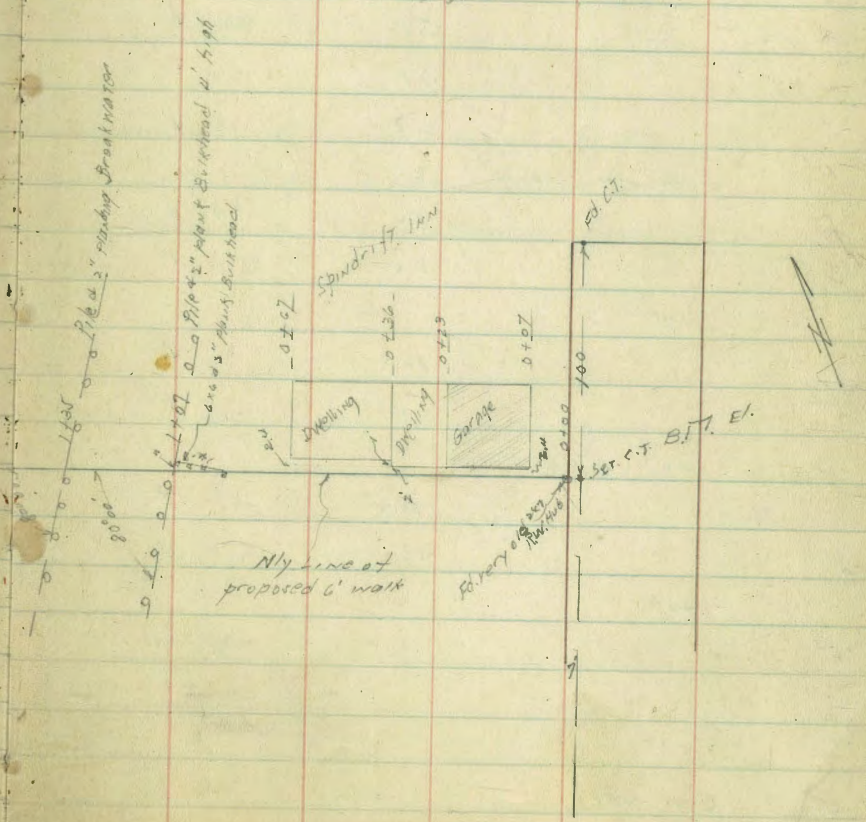
Indexed c.s.k.

N.33

Pencilled on TPS2179

0+46			
N	4.4	10.9	✓
S	4.9	10.4	✓
0+59			
2.5 N of NL ℄ of 4' Window	+ 0.4	15.7	✓ Window sill
N	4.5	10.8	✓
+2	2.9	12.4	✓
S	2.4	12.9	✓

Next page



15.33

0+67				
2.4 N = Wly Cor Dwelling	2.5	12.8	✓	Floor El.
" " " "	4.3	11.0	✓	Top 2x6 Mud Sill
N	4.1	11.2	✓	
+2	2.6	12.7	✓	
S	2.5	12.8	✓	
0+85				
N	5.0	10.3	✓	
+3	3.1	12.2	✓	
S	2.9	12.4	✓	
0+92 edge cliff				
N	8.4	6.9	✓	
S	4.2	11.1	✓	
0+95				
N	12.3	3.0	✓	
S	12.3	3.0	✓	
1+07 . 4' High Bulkhead				
N sand	16.3	-1.0	✓	
S "	16.3	-1.0	✓	
1+34				
N sand	18.6	-3.3	✓	
S "				
1+35				
℄ Top Breakwater	17.3	-2.0	✓	

15.33

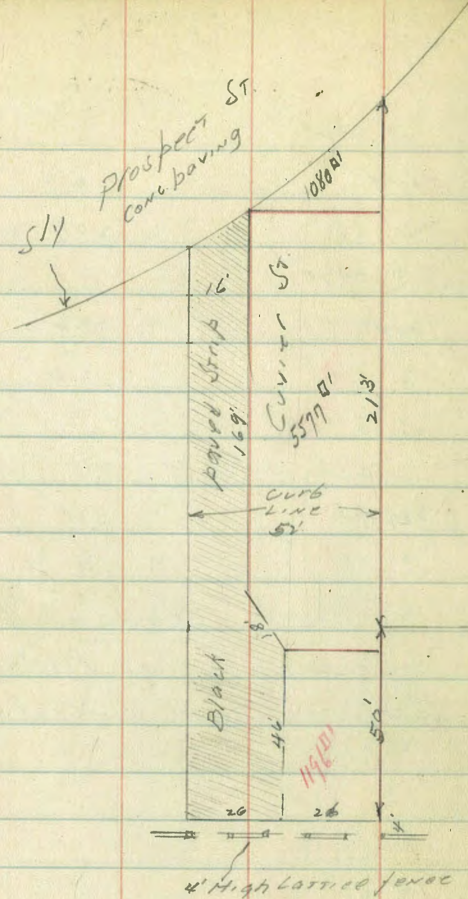
1+36					
N sand			20.4	-5.1	✓
S "			20.4	-5.1	✓
1+99.75					
N sand			21.6	-6.3	✓
S "			21.6	-6.3	✓
TP	2.15	13.77	3.71	11.62	
check to BM BP			11.21	2.56	2.56

Note! Grade of 6' path should be low enough so that "Peeping Toms" could not gaze into the windows of Spindrift Inn. Apmts.

indexed
C.S.R.

Meas. for area for
proposed paving on
Draper + Cuvier
Sly from Prospect

Moore
Sues
North.
3-30-36



1080
5577
1196
7853 □' ✓ = Total Area Unshaded Portion.

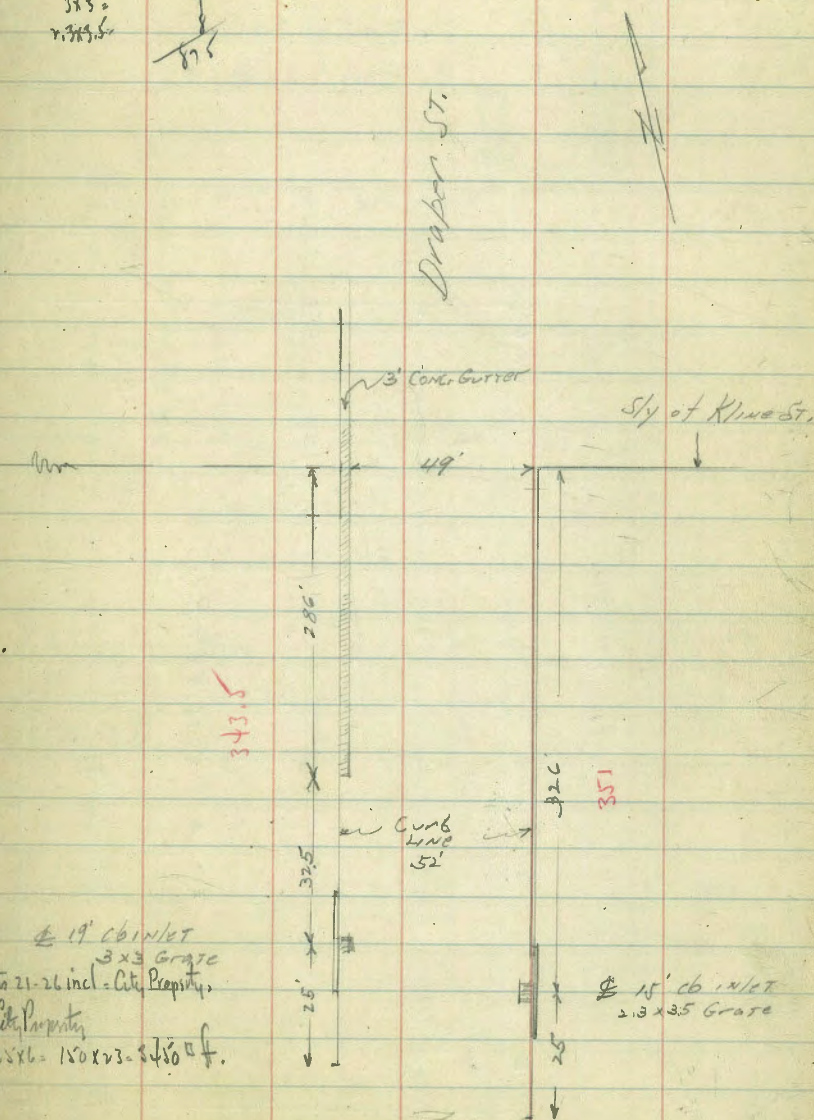
City Frontages

20×26 = 520
17×26 = 442
46×26 = 1196
111×26 = 2886
50×26 = 1300
Total = 6344

Deduct 286×3.
3×3 =
2.3×3.5

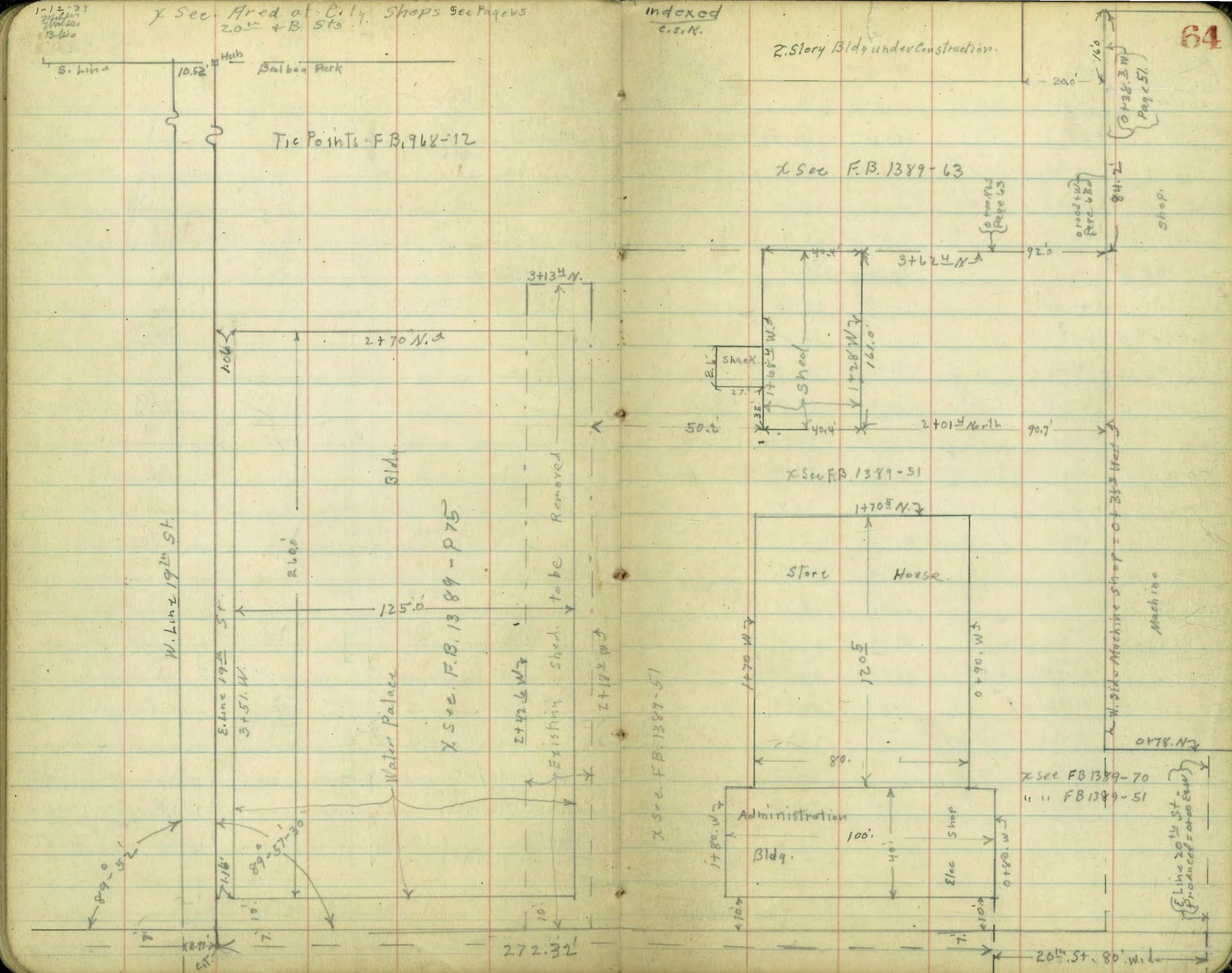
858
9
8
875

351×52 = 18,252
875
17377 □'



℄ 19' cb inlet
3×3 Grate
Lots 21-26 incl. = City Property.
City Property
25×6 = 150×23 = 3450 □ f.

℄ 15' cb inlet
2.3×3.5 Grate


1-12-27
x See Area at City Shops See Pages
20th + B. Sts.
Indexed
C.S.K.
S. Line
10.52
Hub
Balboa Park
Tie Points F.B. 968-12
2 Story Bldg under Construction.
20.0'
16.0'
0+38.3 W
Page 51
x See F.B. 1389-63
0+00 N&S
Page 63
0+00 E+W
Page 63
84.2'
Shop
3+13 N.
3+62 N.
92.0'
40.4'
2+70 N.
1.06'
Shack
8.6'
27.
1+68 W.
Shed
1+28 W.
161.0'
3.5'
50.2'
40.4'
2+01 North
90.7'
x See F.B. 1389-51
1+70 N.
Bldg.
Removed
x See F.B. 1389-P75
260.0'
Store House
125.0'
to be
W. Line 19th St.
E. Line 19th St.
3+51 W.
Water Palace
Existing Shed
2+42 W.
2+18 W.
x See F.B. 1389-51
1+70 W.
120.5'
0+90. W.
W. Side Machine Shop = 0+38.3 West
Machine
0+78. N.
80.
x See FB 1389-70
" " FB 1389-51
Administration
Bldg.
100'
40'
Elec Shop
1+80 W.
0+80 W.
89°-57'-30"
89°-52'
1.16'
10'
7'
10'
8.91'
272.32'
10'
7'
20th St. 80' wide
E. Line 20th St. (produced = 0+00 E&W)

B.M. B.P.	1.08	71.31		70.23	S.E. Cor 20th + B. Sta
T.P.	5.76	69.60	7.49	63.84	

0+38 3/4 W. = W. side Machine Shop.
Readings on pav. outside Shop. unless indicated

2+01.4 N. = floor		4.48	65.12
2+25 N		4.49	65.11
2+50 N		4.43	65.17
2+69.5 N		4.40	65.20
2+69.6 N		5.21	64.39
2+82 N		4.97	64.63
3+00 N		4.66	64.94
3+25 N		4.61	64.99
3+50 N		4.64	64.96
3+50 N floor,		4.40	65.20
	0+47 W.		
3+50 N		4.84	64.76
3+25 N		4.85	64.75
3+00 N		4.86	64.74
2+82 = W. Edge Ctr Valve Box. C.I. Lid.		4.88	64.72
2+69.6 N		5.31	64.29
2+69.5		5.31	64.29
2+50		5.33	64.27
2+25		5.44	64.16
2+01.4		5.46	64.14

69.60

0+60 W.

2+01.4 N		5.50	64.10
2+25 N		5.46	64.14
2+50 N		5.38	64.22
2+69.5 N		5.46	64.14
2+82 N		5.17	64.43
	0+44 N.		
3+50 N		5.18	64.42
3+25 N		5.16	64.44
3+00 N		5.30	64.30
2+82 N		5.22	64.38
2+69.5 N		5.57	64.03
2+50 N		5.74	63.86
2+25 N		5.77	63.83
2+01.4 N		5.66	63.94
T.P.	4.52	5.76	63.84
	0+90 W.		
2+01.4 N.		4.64	63.72
2+25 N		4.68	63.68
2+50 N		4.61	63.75
2+75 N		4.41	63.95
3+00 N		4.27	64.09
3+25 N		4.15	64.21
3+50 N		4.19	64.17

68.36

1+18 W

3+50 N			4.61	63.75
3+25 N			5.00	63.36
3+00 N			5.13	63.23
2+75 N			5.44	62.92
2+50 N			5.50	62.86
2+25 N			5.41	62.95
	1+28' W = E. Side Shed.			
2+25 N			5.76	62.60
2+50 N			5.57	62.79
2+75 N.			5.53	62.83
3+00 N			5.31	63.05
3+25 N.			4.94	63.42
3+50 N			4.65	63.71
	1+30 W. inside enclosed shed			
3+00 N.	floor		4.86	63.50
3+10 N	"		4.47	63.89
3+25 N	"		4.00	64.36
3+50 N	"		4.00	64.36
T.P.	3.29	67.13	4.52	63.84
	1+68½ W = W. side shed.			
2+20 N.			5.16	61.97
2+25 N			4.97	62.16
2+36 N			4.97	62.16

67.13

1+78 W.

2+36 N			4.80	62.33
2+25 N			4.69	62.44
2+20 N			5.10	62.03
	1+88 W			
2+20 N			4.40	62.53
2+25 N			4.60	62.53
2+36 N			4.64	62.49
	2+05 W.			
2+36 N			4.57	62.56
2+25 N.			4.63	62.50
	2+18 W = E. side shed.			
2+25 N			4.87	62.26
2+36 N.			4.55	62.58
	2+42 W. = W. side shed. inside.			
2+25 N.			4.80	62.33
T.P.	5.36	68.05	4.44	62.69
	2+42 W.			
2+50 N			5.0	63.0
2+75 N			4.6	63.4
3+00 N			4.5	63.5
3+13.4 N	N.W. cor shed inside		4.5	63.5

28.05

2+18 W = E. side Shed.

2+50 N	5.3	62.7
2+75 N	5.6	63.0
3+00 N	4.6	63.4
3+13½ N = N.E. Cor. shed	4.4	63.6
3+20 N. = W. edge of yard.	4.0	64.0

2+05. W.

3+41 N = W. edge of yard.	4.6	63.4
3+25 N	4.9	63.1
3+00 N	5.0	63.0
2+75. N	5.1	62.9
2+50 N	5.4	62.6

1+88 W

2+62 N	5.2	62.8
2+75 N	5.3	62.7
3+00 N	5.2	62.8
3+25 N	4.7	63.3
3+50 N	4.4	63.6

3+50 N	4.4	63.6
3+25 N	4.7	63.3
3+00 N	5.2	62.8
2+75 N	5.5	62.5
2+62 N.	5.6	62.4

Chk. Stub R.P. N.E. Cor. Water Palace	5.15	62.90 = 62.90

G-177.- P.55

1-15-37
Miller
Walker
Blue

X. See Area N. of B.St. 4W. of Existing Shed
See Plat. Page 64

BM	2.65	77.80	75.20
	0+00 = N. Line	B.St.	
3+51 W		12.0	
2+90 W		12.5	
2+43 W		12.2	
	0+50 N.		
2+43 W		11.6	
2+90 W		11.4	
3+51 W			
	1+00 N		
3+51 W			
2+90 W		11.3	
2+43 W		11.4	
	1+50 N		
2+43 W		10.8	
2+90 W		10.6	
3+51 W		10.7	
	1+58 N		
3+51 W		9.1	
3+48 W		10.7	
	1+80 N		
3+44 W		10.0	
3+51 W		6.7	
	2+00 N		
2+43 W		10.3	
2+58 W		10.3	
2+60 W		9.1	

	2+00 N. con	
2+90 W		10.1
3+40 W		9.6
3+44 W		6.0
3+51 W		5.3
	2+33 N	
3+51 W.		3.5
3+44 W		3.1
3+41 W		5.5
3+33 W		10.0
2+90 W		9.3
	2+40 N	
2+43 W		9.8
2+70 W		9.0
2+90 W		9.2
W		9.5
3+20 W		3.5
3+41 W		3.4
3+51 W		3.3
	2+65 N	
3+51 W		2.8
3+11 W		2.6
3+00 W		9.0
2+90 W		9.0
2+63 W		8.0
2+58 W		9.5
2+43 W		9.0

2+25 N.

2+43 W.	8.6
2+60 W.	9.0
2+64 W	4.8
2+77 W.	4.0
2+80 W	2.5
2+90 W	2.5
3+11 W	2.5
3+51 W.	2.5

2+85

2+43 W	5.0
2+46 W.	3.1
2+90 W.	2.4
3+40 W	1.7
3+51 W.	2.3

3+00 = S. Line A. St.

3+51 W.	1.9
3+45 W.	1.4
2+90 W.	2.0
2+48 W.	2.6
2+43 W	4.4

Moore
9-13-37

X sec alley 20' wide
Blk 4 Sub. Lot 7-17
" N Teralta
bet. Wabash & 34th - Polk & Orange

NW BP	8.88	375.54	366.66	33d & Orange
S/y Orange = 0 0				
W ob		4.92	370.62	
W par.		5.02	370.52	
C "		5.18	370.36	
E "		4.66	370.88	
E ob		4.58	370.96	
	0+20			
E		4.6	370.9	
C		4.8	370.7	
W		4.7	370.8	
	0+43			
W		5.2	370.3	
W-4 Sin. Gar. dirt		5.2	370.3	
	0+64			
W		5.3	370.2	
C		5.2	370.3	
E N edge cem. apron		4.88	370.66	
+3 " " " Gar. 3 car.		4.61	370.93	
	0+74			
-4 Sin gar. dirt		5.3	370.2	
W		5.3	370.2	
	0+89			
-3 S edge 3 car. gar floor (cem)		4.61	370.73	
E " " cem. apron		4.90	370.64	

Indexed C.S.K.

375.54

70

C			5.4	370.1	
W			5.5	370.0	
	1+00				
W			5.7	368.8	
C			5.8	369.7	
E			5.3	370.2	
T.P.	3.59	372.76	6.37	369.17	
	1+37				
E -3.5 E Sin gar. cem.			2.71	370.05	
E			3.2	369.6	
C			3.6	368.2	
W			3.3	369.5	
	1+45				
E -2.5 N edge double gar.			3.39	369.37	cem ft.
E -1 " " cem. apron			3.58	369.18	
	1+65				
W			3.8	369.0	
C			4.1	368.7	
E			3.7	369.1	
+1 S edge apron			3.69	369.07	
+2.5 " " double gar.			3.46	369.30	cem ft.
	2+00				
E			4.3	368.4	
C			4.5	368.3	

W		4.5	368.3	
	2+25			
-4	Sin. gar. cem.	4.83	367.93	
-4		4.83	367.93	
W		5.1	367.6	
C		5.1	367.6	
E		4.6	368.2	
	2+50			
E		5.4	367.4	
C		5.4	367.4	
W		5.6	368.2	
	2+81			
W		5.7	367.1	
C		5.7	367.1	
E		5.5	367.3	
+4	Sin gar. cem.	5.35	367.41	
	3+00			
E		6.0	366.8	
C		6.3	366.5	
W		6.5	366.3	
	3+13			
-4.5	Sin. gar. dirt	6.7	366.1	
W		6.7	366.1	
	3+37			
W		7.2	365.6	
C		7.1	365.7	

E			7.1	365.7	
+3	Sin. gar. dirt		7.2	365.6	
	3+46				
-4	Sin. gar. cem.		6.87	365.89	
E			7.3	365.5	
C			7.5	365.3	
W			7.6	365.2	
+1	" "	dirt	7.4	365.2	
	4+07				
W			8.2	364.6	
C			7.9	364.9	
E	Sin. gar. cem.		7.9	364.9	
	4+50				
E			8.8	364.0	
C			9.4	363.4	
W			9.5	363.3	
TP	2.54	365.83	9.47	368.29	
	4+80				
W			3.2	362.6	
C			2.6	363.2	
E			2.0	363.8	
+3	& double gar.		1.9	363.9	Level floor 18' wide
	5+07				
E			2.9	362.9	

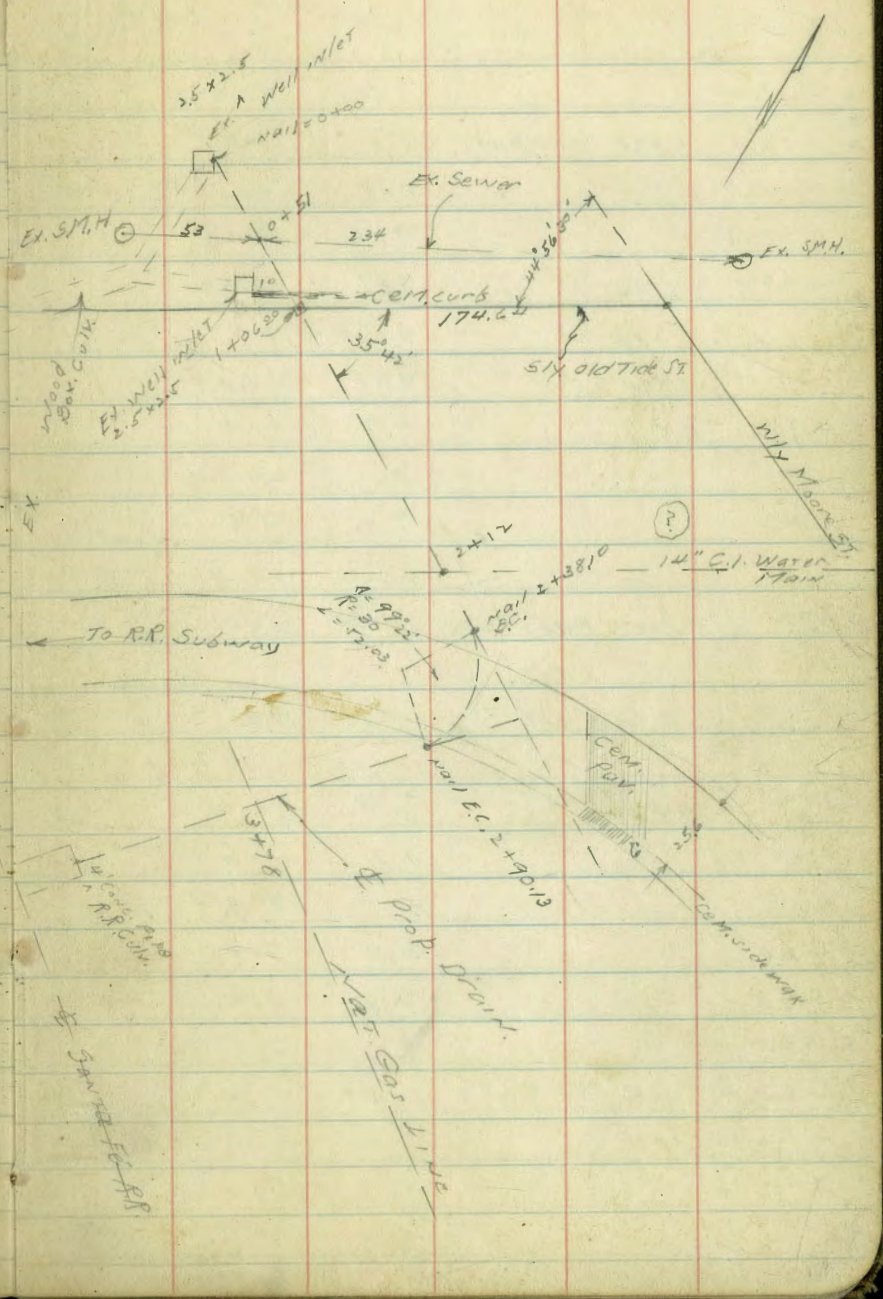
		365.83			
C			3.6	362.2	
W			3.4	362.4	
+7 E gar. dirt			4.4	361.4	South entrance
5+40					
W			5.4	360.4	
C			5.3	360.5	
E			4.3	361.5	
5+68.50 = N/y Polk Ave.					
E cb			5.72	360.4	
E pav.			6.05	359.78	
C "			6.42	359.41	
W "			6.46	359.37	
W cb			6.38	359.45	
T.P.	0.53	363.05	3.31	362.52	
T.P.	9.21	359.79	12.47	350.58	
check to NW BP	Switch Unit		0.98	358.81	358.86 / 0.05

Proposed Drain at Subway & Witherby St.

Moore & Sisson Northern 9-13-27

Indexed C.S.K.

BM BP in cb. W. side on Curve W of W.L. of Moore St.	0.37	28.10		27.73	Moore & Subway
T.P.	6.63	22.95	12.38	16.72	
El. F.L. S.M.H. on Moore St.			5.61	16.74	
					R.R. Curb
El. F.L. S.M.H. 287' W'ly from above MH			10.29	5.86	
0+00 F.L. of Ex. inlet			14.7	7.68	See p 75
" Top wooden Box			11.7	10.7	
0+37 N'ly edge old Pav.			9.8	12.6	
0+57 INT of Sewer			9.30	13.05	
0+89 Gutter Conc.			8.71	15.64	
" Top curb			7.28	15.07	
" 10' W'ly of above			FL of Box 14.24	8.11	
" " " Gutter			9.5	12.9	
" " " Top curb end			7.80	14.55	
1+00			7.5	14.9	
1+10			8.4	14.0	
1+50			8.3	14.1	
2+00			7.6	14.8	
2+12 on ground			7.5	14.9	
2+12 Top Water Main			12.88	9.47	Look up size
2+38.10 B.C.			6.0	16.4	

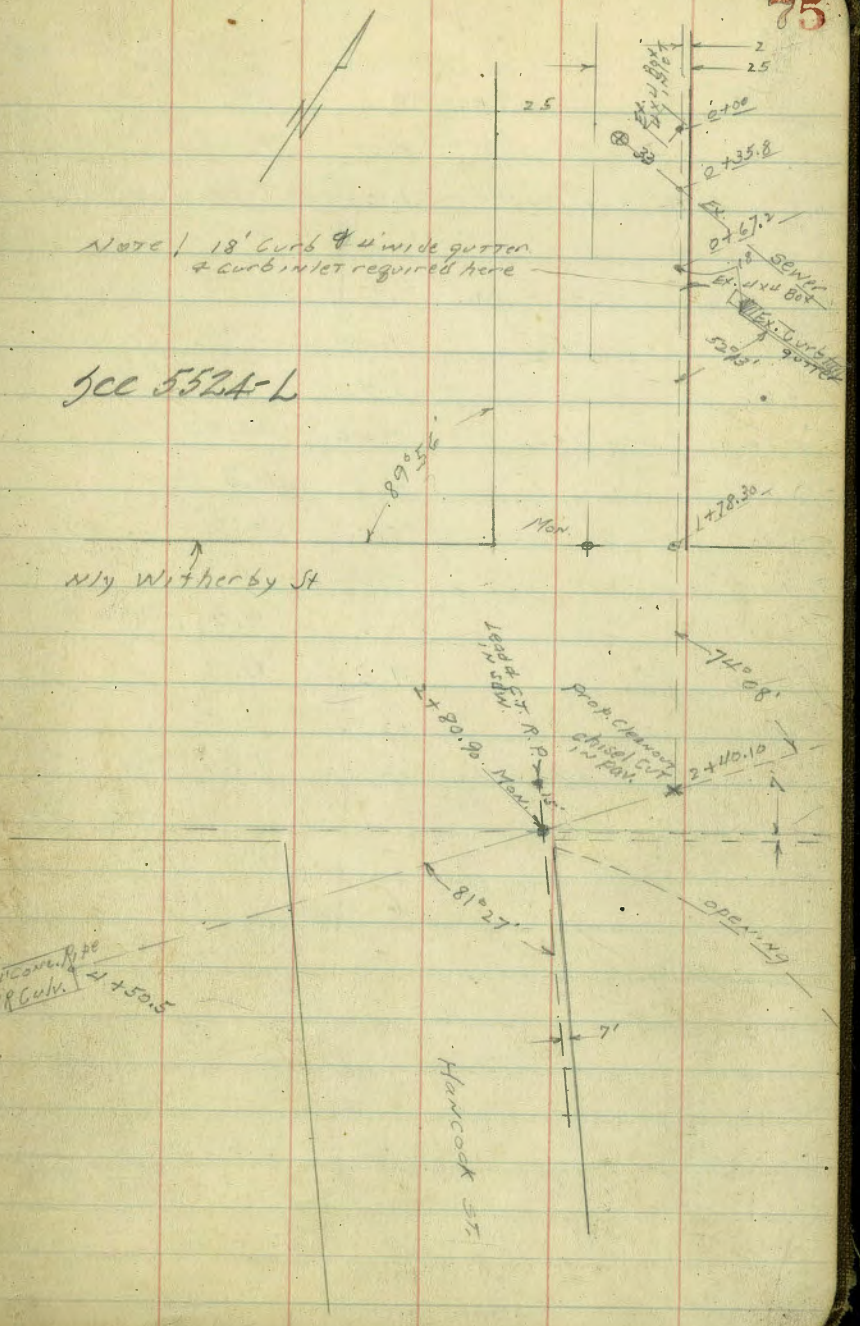


22.35

2 + 51.10		8.6	13.8	
2 + 52.5	edge Conc. pav.	8.8	13.6	
2 + 64.10	"	9.89	12.46	
2 + 77.10	"	9.64	12.69	
2 + 79.9	S gut "	9.87	12.48	
" "	Top cb	9.37	12.98	
2 + 88	Sedge Sdwk	9.83	12.52	
2 + 90.13	E.C.	9.1	13.3	
2 + 93		7.1	15.3	
3 + 00		7.3	15.1	
3 + 50		10.1	12.3	
3 + 78	Top Nat. gas Main	19.95	2.40	call Gas Co. for size
T.P.	0.06 11.71	10.70	11.65	
3 + 78	ground	0.7	11.0	
4 + 00		1.1	10.6	
4 + 25		2.5	9.2	
4 + 60		4.0	7.7	
4 + 80		7.8	3.9	
5 + 00		9.0	2.7	
5 + 36	FL. S. Fe RR. Culv.	10.35	1.36	

Moore Prop. Drain #2
10-2-37 Subway & Witherby

B.M. BP in ob. W. side Curve in ± Moore	0.32	28.05		27.73	Moore & Witherby
T.P.	0.14	15.86	12.33	15.72	
0+00 FL. 4'x4' Box Inlet			8.2	7.7	
" Top " "			6.1	9.8	
0+05			3.9	12.0	
0+28.8 N. edge Pav.			3.85	12.01	
0+35.8 INT. Ex. Sewer			3.63	12,23	on pav.
0+41.8 S edge Pav.			3.09	12.77	
0+67.± INT. of S curb			3.1	12.8	on ground
12' Left of 0+67.2 FL. 4'x4' Box End 4' wide			7.64	8.22	
18' " " " & gutter			3.02	9.84	
" " " " Top curb End			1.31	14.55	
24' " " " " "			1.08	14.78	
" " " " gutter			2.48	13.38	
34' " " " "			2.13	13.74	
" " " " Top curb			0.70	15.16	
1+00			3.6	12.3	
1+50			3.6	12.3	
1+78.30 on Stub			3.57	12.29	N'ly Witherby
2+00			2.9	13.0	
2+03 INT. waterline			5.0	10.9	on ground
2+10			7.4	8.5	
2+17.5 N. edge Subway Pav.			7.95	7.91	
2+40.10 = Δ 74°08' Proposed cleanout			7.91	7.95	on pav.



	15.86			
2+48	gutter pav	8.60	7.26	
"	" S/y Top curb	8.12	7.74	of Subway. Note! Build Curb inlet here
10' left 2+48	" "	7.30	8.56	
"	" " " gutter pav.	7.77	8.09	
2+60	S edge sidewalk	9.00	6.86	
2+68		8.9	7.0	
2+80.9	on 7' Mon	5.40	10.46	
2+85		4.6	11.3	
2+92	Int. Gas Line	5.7	10.2	on Top ground
3+00		5.2	10.7	
3+35		4.2	9.7	
3+70		9.6	6.3	
4+00		12.6	3.3	
4+50.5	F.L. 4" p. pipe Curb	14.52	1.34	

Drainage at Pacifie & Witherby.
See Plat Book 1521 - P. 78

B.M.	6.11	7.24	1.13	N. E. Witherby, Pacifie

See "A" at 90°-00 to Pacifie at Point "A"

N. Gutter at "A"	pav	6.72	0.52
+ 15.25	S = N. ½	"	6.34	0.86
+ 30.5	S = ℄ Pacifie		6.04	1.20
+ 45.25	S = S. ½		6.18	1.06
+ 61'	S = S. gutter Witherby		6.75	0.49

Levels from Point "B" To N½ End Concrete Box Culvert - in Kurts St. S. of Witherby.

0+00 = "B" gutter	Pavmt	6.74	0.50
0+50	"	6.25	0.99
1+00	"	5.70	1.54
+50	"	5.37	1.87
2+00	"	5.23	2.01
+50	"	5.34	1.90
3+00	"	5.35	1.39

See also G.B. 186, P. 64

3+50	4.4	2.6
4+00	4.5	2.7
+45	4.0	3.2
+50	2.5	4.7
+63	3.5	3.7
+64	8.4	-1.2
N½ End. Inlet 72"x24" Box. Culvert	8.62	-1.38

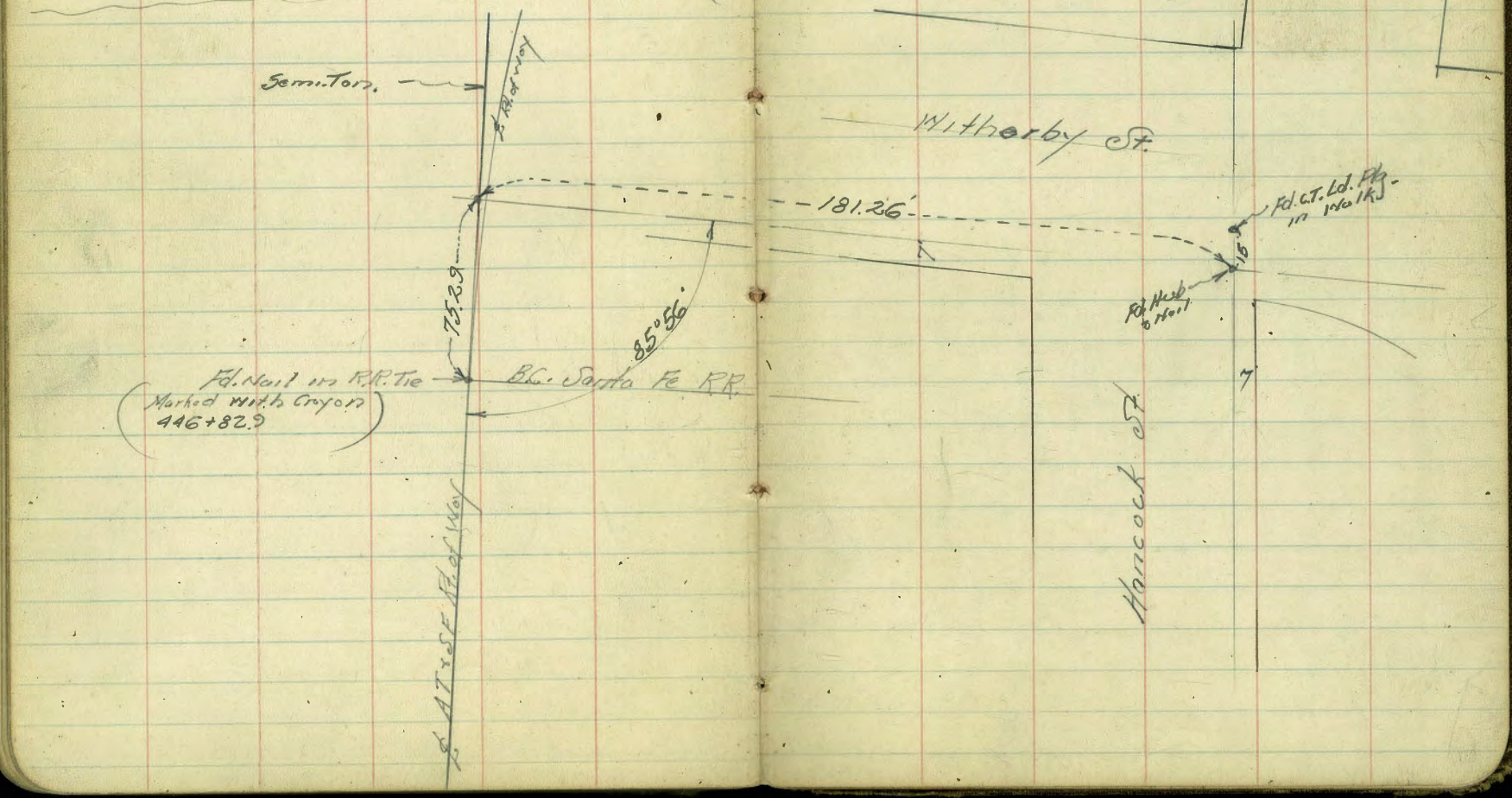
Ties To Santa Fe R.R. at Witherby St.

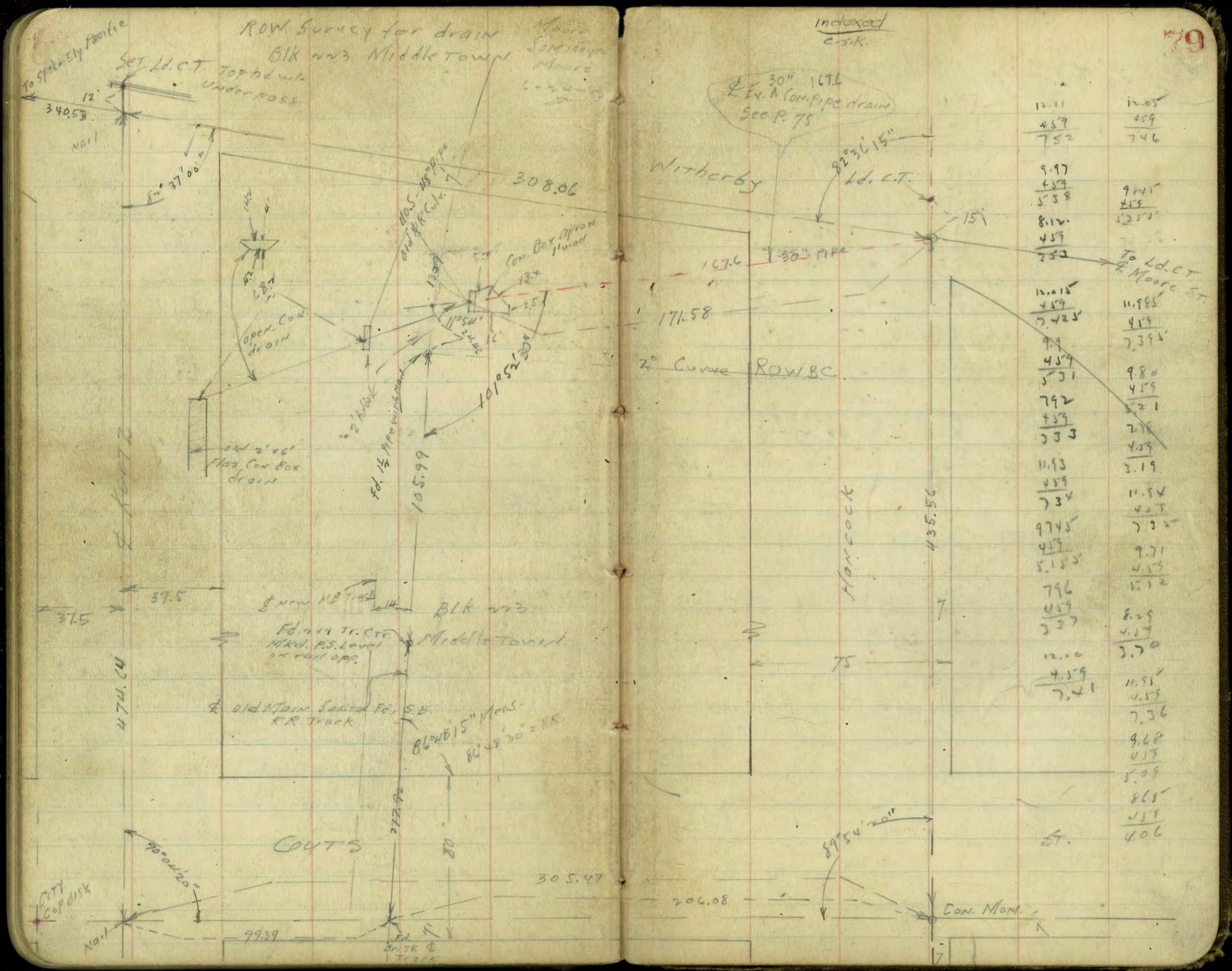
~~Σ Sewer levels on Vera St.~~

~~Yard~~

					S.E. Ret. Vera
B.M. Top Curb	1.53	19.56		18.05	& Dalbergia
T.P.	3.55	16.13	7.00	12.58	
T.P.			10.17	4.01	

Walker
Johnson
Pope
Crawford
4-26-09





12.11	11.05
4.59	4.59
7.52	7.46
9.97	9.945
4.59	4.59
5.38	5.355
8.12	
4.59	
3.53	
12.015	11.985
4.59	4.59
7.425	7.395
9.9	9.80
4.59	4.59
5.31	5.21
7.92	7.8
4.59	4.59
3.33	3.19
11.93	11.84
4.59	4.59
7.34	7.25
9.945	9.71
4.59	4.59
5.185	5.12
7.96	8.29
4.59	4.59
3.37	3.70
12.00	11.91
4.59	4.59
7.41	7.36
	9.68
	4.59
	5.09
	8.65
	4.59
	4.06

IMPROVED TABLES

AND

INFORMATION

Table VI (continued)
SINES, COSINES, TANGENTS, COTANGENTS (continued)

deg.	sin 0′	tan 0′	sin 10′	tan 10′	sin 20′	tan 20′	sin 30′	tan 30′	sin 40′	tan 40′	sin 50′	tan 50′	deg.
46	7193	1.0355	7214	1.0416	7234	1.0477	7254	1.0533	7274	1.0599	7294	1.0661	43
47	314	.0724	333	.0786	353	.0850	373	.0913	392	.0977	412	.1041	42
48	431	.1106	451	.1171	470	.1237	490	.1303	509	.1369	528	.1436	41
49	547	.1504	566	.1571	585	.1640	604	.1708	623	.1778	642	.1847	40
										1.2203			
50	660	1.1918	7679	1.1988	7698	1.2059	7716	1.2131	7735	.2647	7753	1.2276	39
51	771	.2349	790	.2423	808	.2497	826	.2572	844	.3111	862	.2723	38
52	880	.2799	898	.2876	916	.2954	934	.3032	951	.3597	969	.3190	37
53	986	.3270	8004	.3351	8021	.3452	8039	.3514	8056	.4106	8073	.3680	36
54	8090	.3764	107	.3848	124	.3934	141	.4019	158	.4641	175	.4193	35
55	192	.4281	208	.4370	225	.4460	241	.4550	258	.5204	274	.4733	34
56	290	.4826	307	.4919	323	.5013	339	.5108	355	.5798	371	.5301	33
57	387	.5399	403	.5497	418	.5597	434	.5697	450	.6426	465	.5900	32
58	480	.6003	496	.6107	511	.6212	526	.6319	542	.7090	557	.6534	31
59	572	.6643	587	.6753	601	.6864	616	.6977	631		646	.7205	30
60	660	1.7321	8675	1.7437	8689	1.7556	8704	1.7675	8718	1.7797	8732	1.7917	29
61	746	.8040	760	.8165	774	.8291	788	.8418	802	.8546	816	.8676	28
62	829	.8807	843	.8940	857	.9074	870	.9210	884	.9347	897	.9486	27
63	910	.9626	923	.9768	936	.9912	949	2.0057	962	2.0204	975	2.0353	26
64	988	2.0503	9001	2.0655	9013	2.0809	9026	.0965	9038	.1123	9051	.1283	25
65	9063	.1445	075	.1609	088	.1775	100	.1943	112	.2113	124	.2286	24
66	135	.2460	147	.2637	159	.2817	171	.2998	182	.3183	194	.3369	23
67	205	.3559	216	.3750	228	.3945	239	.4142	250	.4342	261	.4545	22
68	272	.4751	283	.4960	293	.5172	304	.5386	315	.5605	325	.5826	21
69	336	.6051	346	.6279	356	.6511	367	.6746	377	.6985	387	.7228	20
70	397	2.7475	9407	2.7725	9417	2.7980	9426	2.8239	9436	2.8502	9446	2.8770	19
71	455	.9042	465	.9319	474	.9600	483	.9887	492	3.0178	502	3.0475	18
72	511	3.0777	520	3.1084	528	3.1397	537	3.1716	546	.2041	555	.2371	17
73	563	.2709	572	.3052	580	.3402	588	.3759	596	.4124	605	.4495	16
74	613	.4874	621	.5261	628	.5656	636	.6059	644	.6470	652	.6891	15
75	659	.7321	667	.7760	674	.8208	681	.8657	689	.9136	696	.9617	14
76	703	4.0108	710	4.0611	717	4.1126	724	4.1653	730	4.2193	737	4.2747	13
77	744	.3315	750	.3897	757	.4494	763	.5107	769	.5736	775	.6382	12
78	781	.7046	787	.7729	793	.8430	799	.9152	805	.9894	811	5.0658	11
79	816	.1446	822	5.2257	827	5.3093	833	5.3955	838	5.4845	843	.5764	10
80	9848	5.6713	9853	5.7694	9858	5.8708	9863	5.9758	9868	6.0844	9872	6.1970	9
81	877	6.3138	881	6 4348	886	6.5606	890	6.6912	894	.8269	899	.9682	8
82	903	7.1154	907	7.2687	911	7.4287	914	7.5958	918	7.7704	922	7.9530	7
83	925	8.1443	929	8.3450	932	8.5555	936	8.7769	939	9.0098	942	9.2553	6
84	945	9.5144	948	9.7882	951	10.078	954	10.385	957	10.711	959	11.059	5
85	962	11.430	964	11.826	967	12.250	969	12.706	971	13.197	974	13.727	4
86	976	14.300	978	14.924	980	15.605	981	16.350	983	17.169	985	18.075	3
87	986	19.081	988	20.206	989	21.470	990	22.903	992	24.542	993	26.432	2
88	994	28.636	9995	31.242	9996	34.368	997	38.189	997	42.964	9998	49.104	1
89	9998	57.290	9999	68.750	9999	85.940	9999	114.58	1.000	171.88	1.000	343.77	0
deg.	60′ cos	60′ cot	50′ cos	50′ cot	40′ cos	40′ cot	30′ cos	30′ cot	20′ cos	30′ cot	10′ cos	10′ cot	deg.

TABLE VII
RODS IN FEET AND INCHES

Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches	Rods	Feet Inches
1	16—6	21	346—6	41	676—6	61	1006—6	81	1336—6
2	33—0	22	363—0	42	693—0	62	1023—0	82	1353—0
3	49—6	23	379—6	43	709—6	63	1039—6	83	1369—6
4	66—0	24	396—0	44	726—0	64	1056—0	84	1386—0
5	82—6	25	412—6	45	742—6	65	1072—6	85	1402—6
6	99—0	26	429—0	46	759—0	66	1089—0	86	1419—0
7	115—6	27	445—6	47	775—6	67	1105—6	87	1435—6
8	132—0	28	462—0	48	792—0	68	1122—0	88	1452—0
9	148—6	29	478—6	49	808—6	69	1138—6	89	1468—6
10	165—0	30	495—0	50	825—0	70	1155—0	90	1485—0
11	181—6	31	511—6	51	841—6	71	1171—6	91	1501—6
12	198—0	32	528—0	52	858—0	72	1188—0	92	1518—0
13	214—6	33	544—6	53	874—6	73	1204—6	93	1534—6
14	231—0	34	561—0	54	891—0	74	1221—0	94	1551—0
15	247—6	35	577—6	55	907—6	75	1237—6	95	1567—6
16	264—0	36	594—0	56	924—0	76	1254—0	96	1584—0
17	280—6	37	610—6	57	940—6	77	1270—6	97	1600—6
18	297—0	38	627—0	58	957—0	78	1287—0	98	1617—0
19	313—6	39	643—6	59	973—6	79	1303—6	99	1633—6
20	330—0	40	660—0	60	990—0	80	1320—0	100	1650—0

Table VIII
LINKS IN FEET AND INCHES

Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches	Links	Feet Inches
1	0– 7.92	18	11–10.56	35	23– 1.20	52	34– 3.84	69	45– 6 48	86	56– 9.12
2	1– 3.84	19	12– 6.48	36	23– 9.12	53	34–11.76	70	46– 2.40	87	57– 5.04
3	1–11.76	20	13– 2.40	37	24– 5.04	54	35– 7.68	71	46–10.32	88	58– 0.96
4	2– 7.68	21	13–10.32	38	25– 0.96	55	36– 3.60	72	47– 6.24	89	58– 8.88
5	3– 3.60	22	14– 6.24	39	25– 8.88	56	36–11.52	73	48– 2.16	90	59– 4.80
6	3–11.52	23	15– 2.16	40	26– 4.80	57	37– 7.44	74	48–10.08	91	60– 0.72
7	4– 7.44	24	15–10.08	41	27– 0.72	58	38– 3.36	75	49– 6.00	92	60– 8.64
8	5– 3.36	25	16– 6.00	42	27– 8.64	59	38–11.28	76	50– 1.92	93	61– 4.56
9	5–11.28	26	17– 1.92	43	28– 4.56	60	39– 7.20	77	50– 9.84	94	62– 0.48
10	6– 7.20	27	17– 9.84	44	29– 0.48	61	40– 3.12	78	51– 5.76	95	62– 8.40
11	7– 3.12	28	18– 5.76	45	29– 8.40	62	40–11.04	79	52– 1.68	96	63– 4.32
12	7–11.04	29	19– 1.68	46	30– 4.32	63	41– 6.96	80	52– 9.60	97	64– 0.24
13	8– 6.96	30	19– 9.60	47	31– 0.24	64	42– 2.88	81	53– 5.52	98	64– 8.16
14	9– 2.88	31	20– 5.52	48	31– 8.16	65	42–10.80	82	54– 1.44	99	65– 4.08
15	9–10.80	32	21– 1.44	49	32– 4.08	66	43– 6.72	83	54– 9.36	100	66– .000
16	10– 6.72	33	21– 9.36	50	33– 0.00	67	44– 2.64	84	55– 5.28	101	66 –7.92
17	11– 2.64	34	22– 5.28	51	33– 7.92	68	44–10.56	85	56– 1.20	102	67– 3.84

177°34'
88°47'

179-60
90-57
89-03

226.
4.52

76-42
38-21

89-59-30
180
140

714
15167
22.81

380.16
378.57
1.59

79.2
135
214.2

79°42
39°51

37462
285.93
660.55

12 36
2 2
14 56

276
134
410

SW 218.03

NE. 237.48 Del Monte

Muir Woods. NWBP 1.94

4.84
4.47
4.03

68.87
67.39
1.48
53
.95