Sewer Levels
Lexington
& alleys.

F.B. 567

KEUFFEL & ESSER CO.

DRAWING MATERIALS
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NEW YORK.

CHICAGO. SAN FRANCISCO. ST. LOUIS.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

"Copyright, 1895, by Keuffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
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10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
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21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
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34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

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EAST SAN DIEGO CAL.
62

Sewer Profiles
alley & Sts

East of Sisson —

West of East of ESTRELLA AVE

Indexed to date Feb 25, 1918
Card " " " Mar 21, 1918

ENGINEERING DEPARTMENT.
CITY OF EAST SAN DIEGO
CALIFORNIA.

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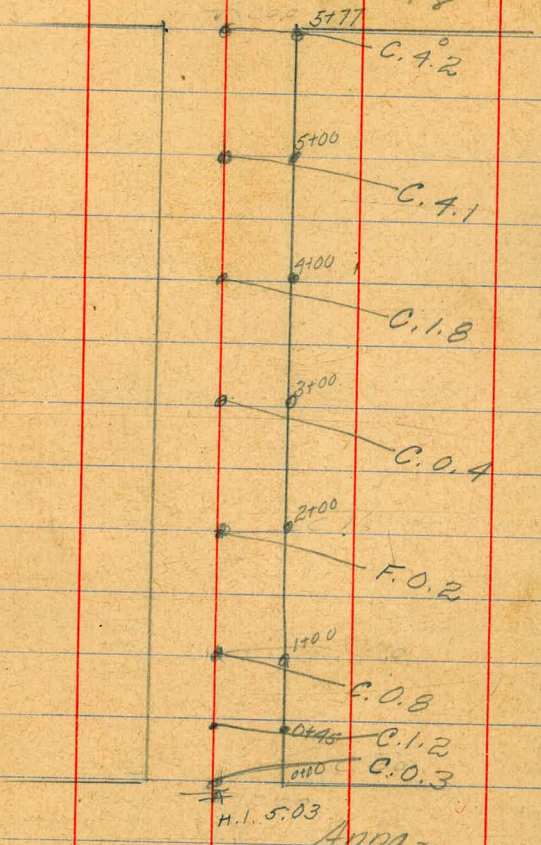
Alley- between - Fairmount - and Paul y.

A.H. Graf
L. Knudtson
8/19/14

Curb grade = 359.4

Orange

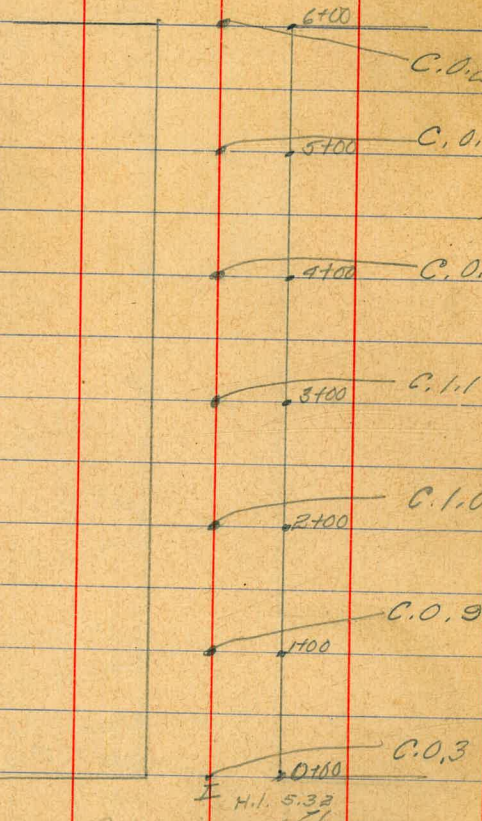


Anna -

Curb grade = 359.2

Alley bet. Fairmount + Pauly

Curb grade = 359.55



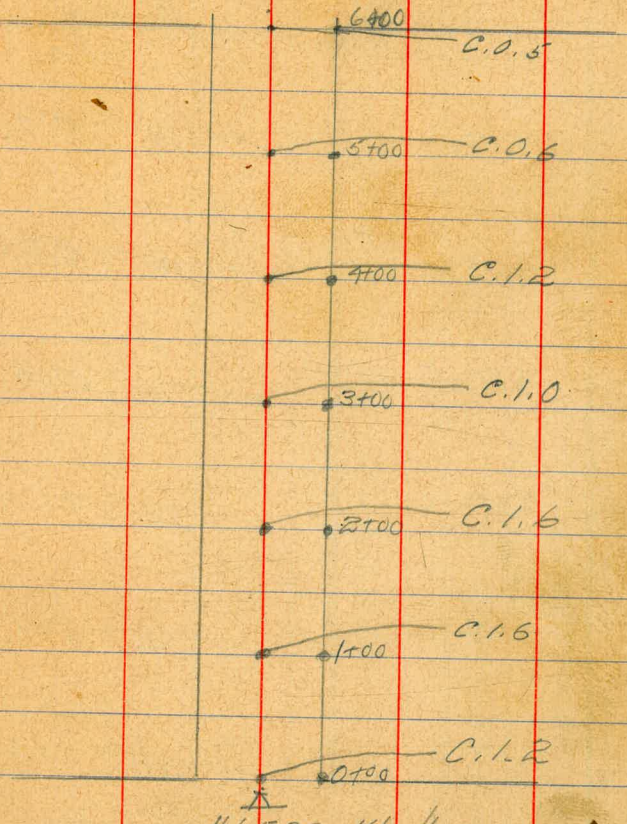
Steiner

Curb grade = 359.45

Alley bet. Fairmount + Pauly

Curb grade = 358.9

Steiner

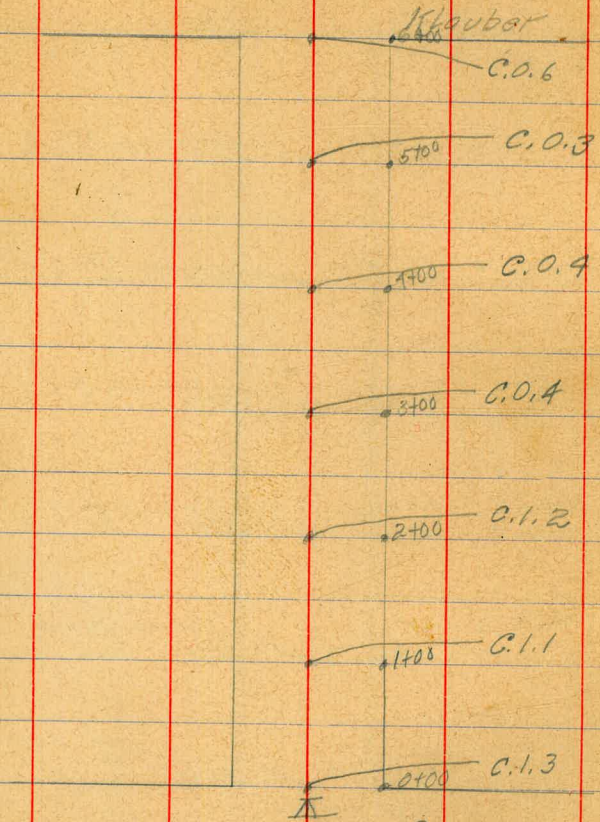


H.I. 5.29 Klauber

Curb grade = 354.5

Alley bet Fairmount & Pauly

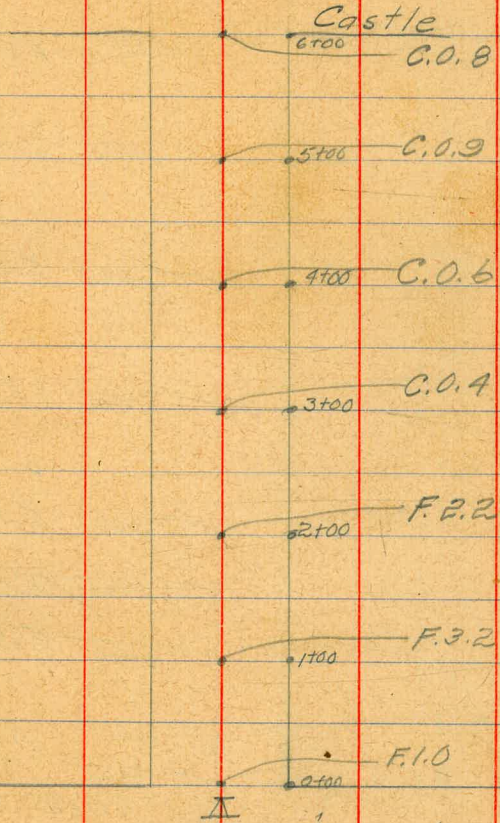
Curb grade = 339.0



H.I. 5.00 Castle

Curb grade 338.6

Curb grade = 347.9

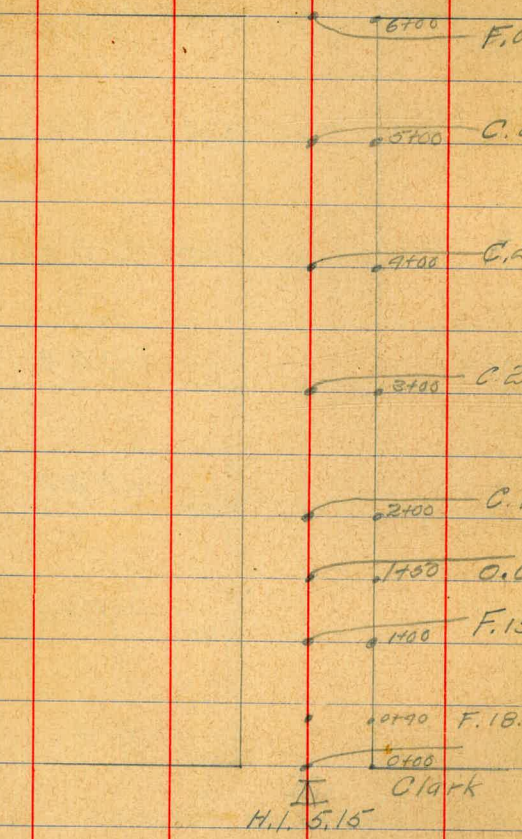


H.I. 4.92 Howard

Curb grade = 340.15

Alley bet Fairmount & Pauly

Curb grade = 332.9



H.I. 5.15

Curb grade = 325.95

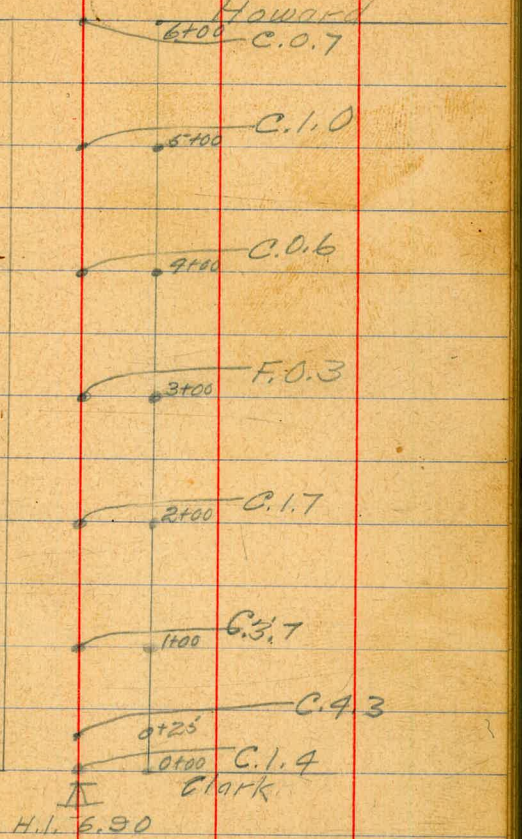
332.0
317.0

480

Alley bet Pauly & Van Dyke

47

Curb grade = 336.2



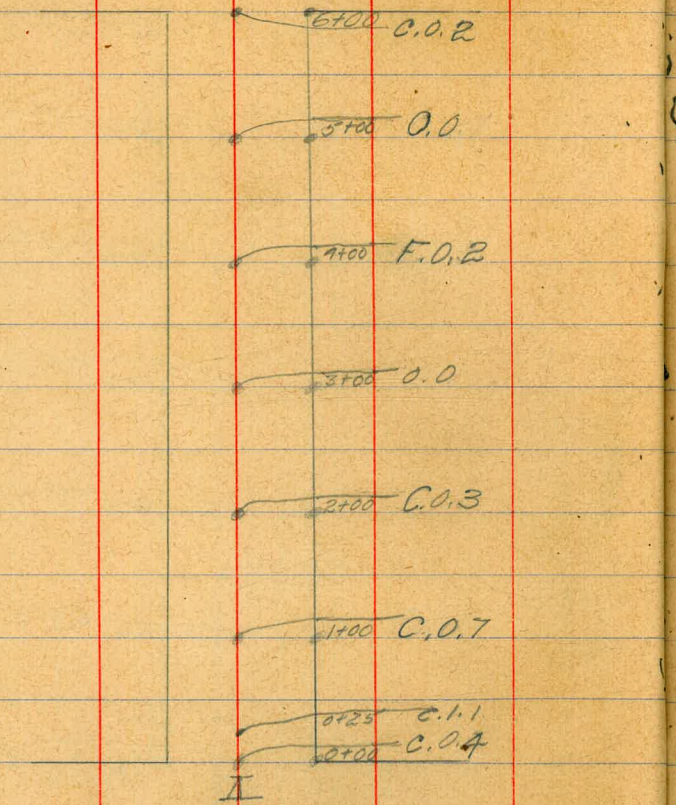
H.I. 6.90

Curb grade = (323.03) 325.0

Alley bet Pauly & Van Dyke

A. H. Graft
L. Knudtson
8/15/19

Curb grade = 346.15
Castle



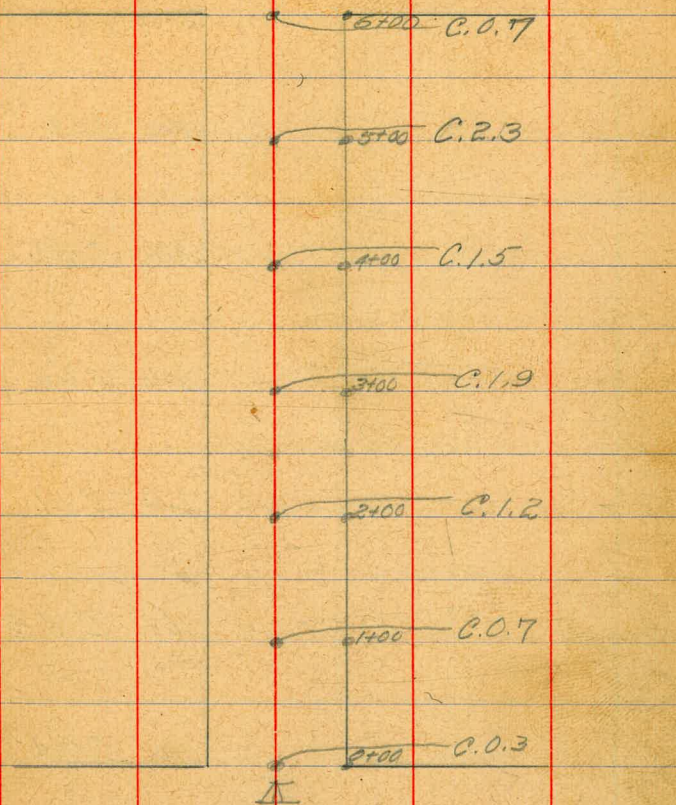
H.I. = 5.41 Howard

Curb grade = 338.6

Alley bet Pauly & Van Dyke

5

Curb grade = 343.6
Klauber

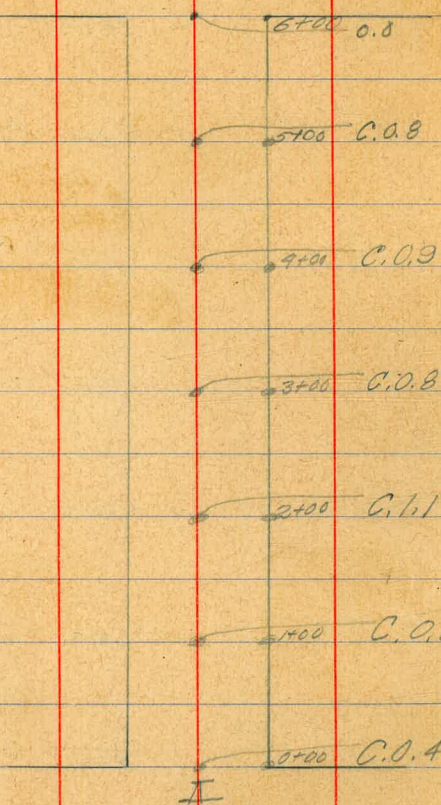


H.I. = 5.28 Castle

Curb grade = 346.55

Alley bet Pauly & Van Dyke

Curb grade = 359.9
Steiner

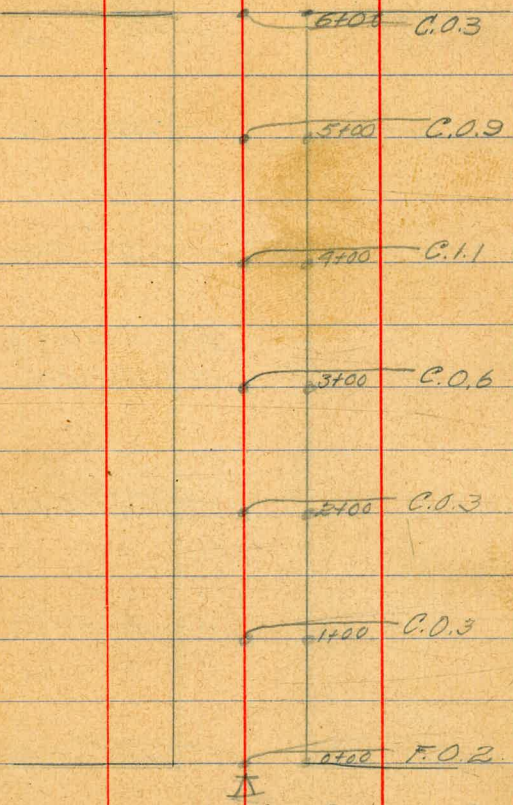


H.I. = 5.37 Klauber

Curb grade = 354.0

Alley bet Pauly & Van Dyke

Curb grade = 361.25
Anna

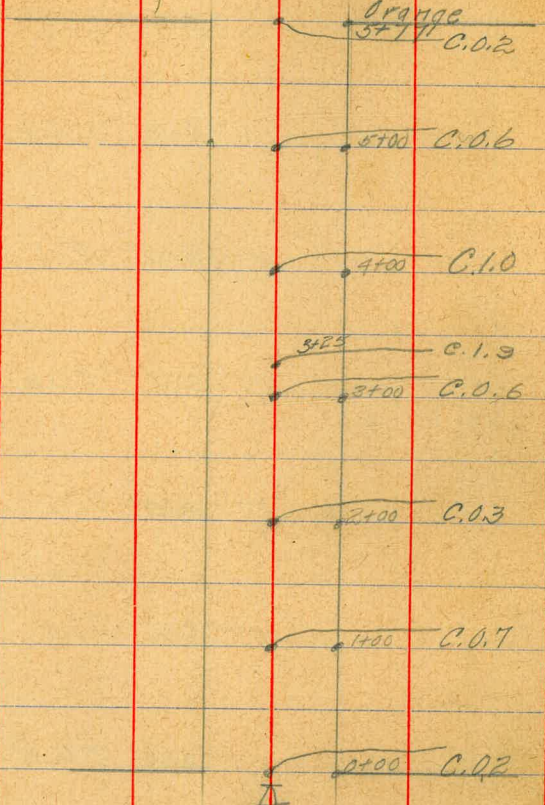


H.I. = 4.92 Steiner

Curb grade = 338.7

Alley bet Van Dyke + Paul

Curb grade = 360.75

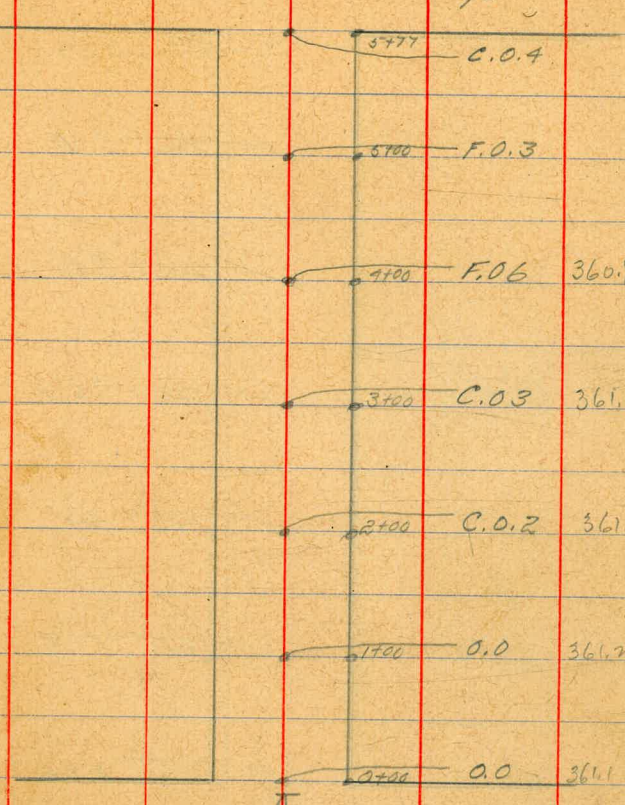


H.I. 5.14 Anna

Curb grade = 361.0

Alley bet Van Dyke + Copeland

Curb grade = 361.6



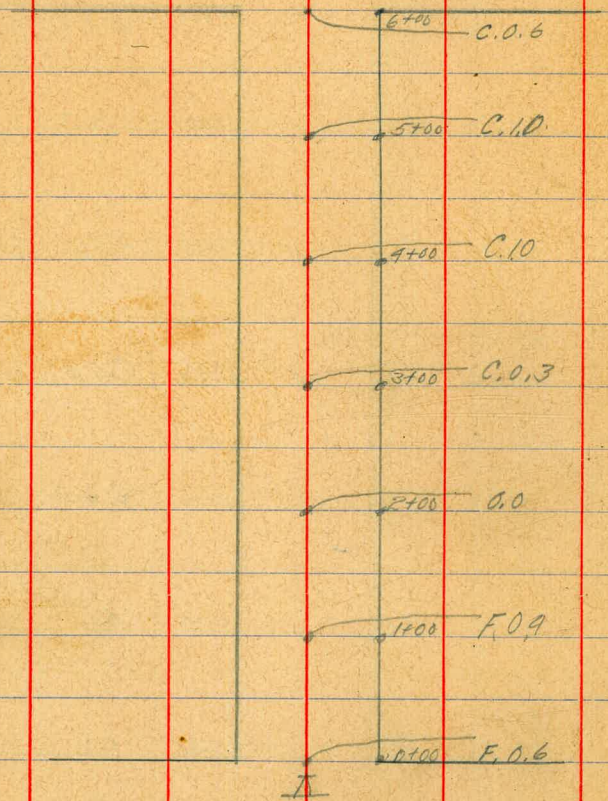
H.I. 5.03 Anna

Curb grade = 361.1

Alley bet Van Dyke & Copeland

Curb grade = 360.95

Anna



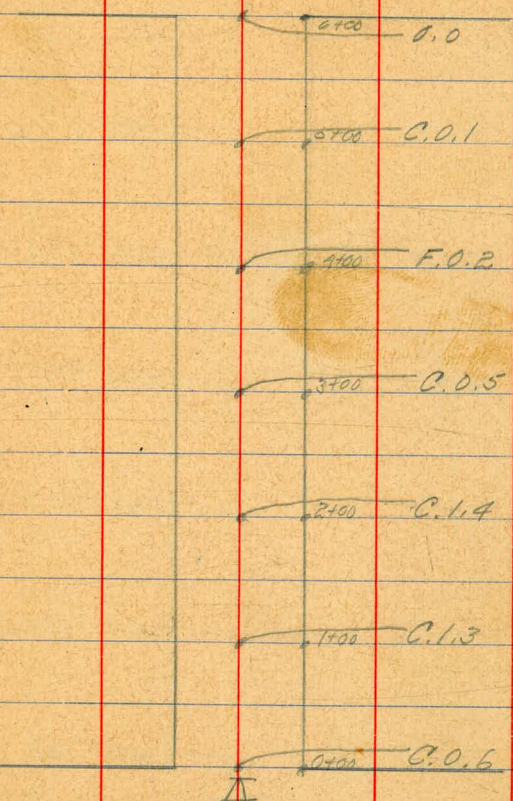
H.I. = 4.61 Steiner

Curb grade = 357.50

Alley bet Van Dyke & Copeland

Curb grade = 357.2

Steiner



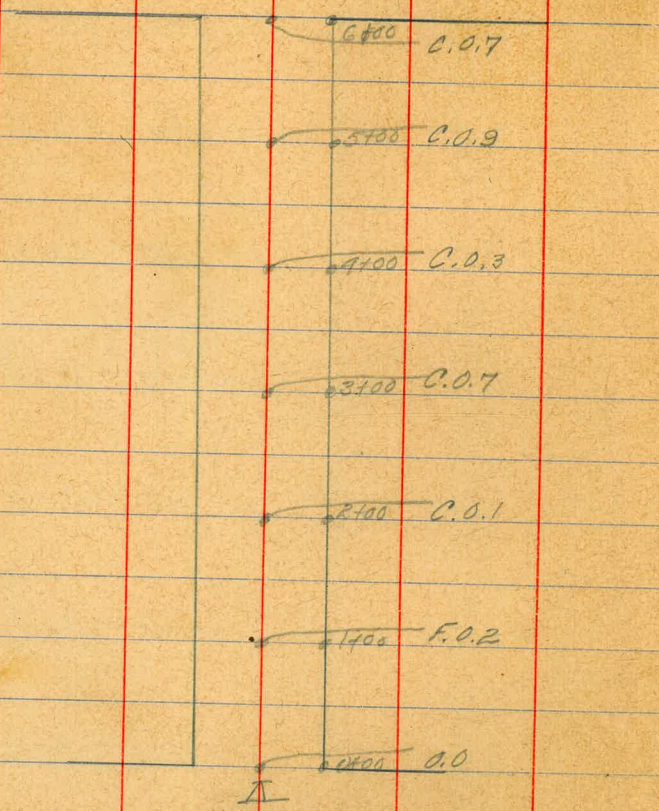
H.I. = 5.30 Klauber

Curb grade = 353.65

Alley bet VanDyke + Copeland

Curb grade = 333.3

Alauber



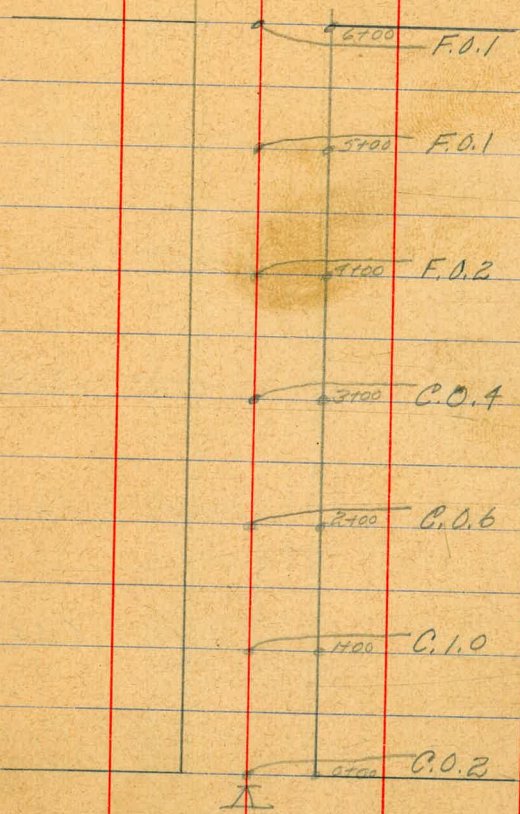
H.I. = 5.07 Castle

Curb grade = 343.8

Alley bet Van Dyke + Copeland.

Curb grade = 343.95

Castle



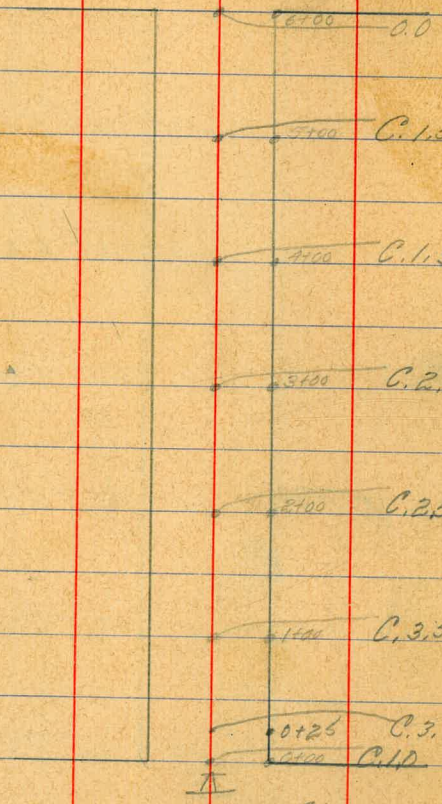
H.I. = 5.30 Howard

Curb grade = 335.9

Alley bet Van Dyke & Copeland

Curb grade = 335.45

Howard



H.I. = 6.77 Clark

Curb grade = 323.35

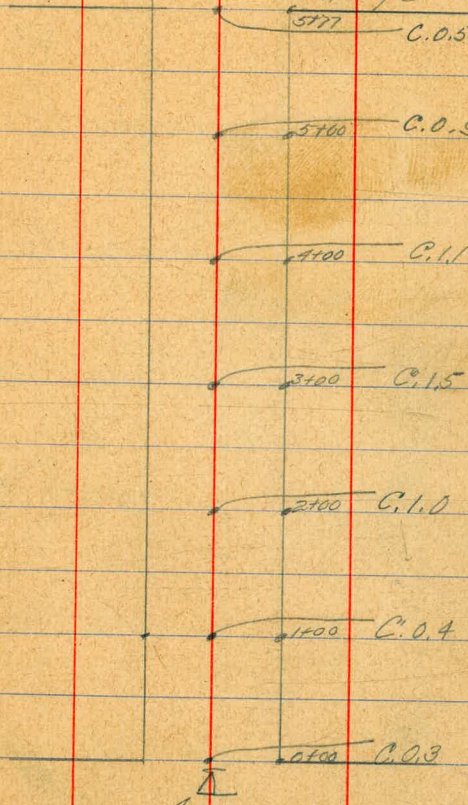
Shoulder 322.85 (USM)

Alley bet Reed & Bradt

Curb grade = 362.25

Anna Orange

A.H. Graft
L. Knudtson
8/17/14



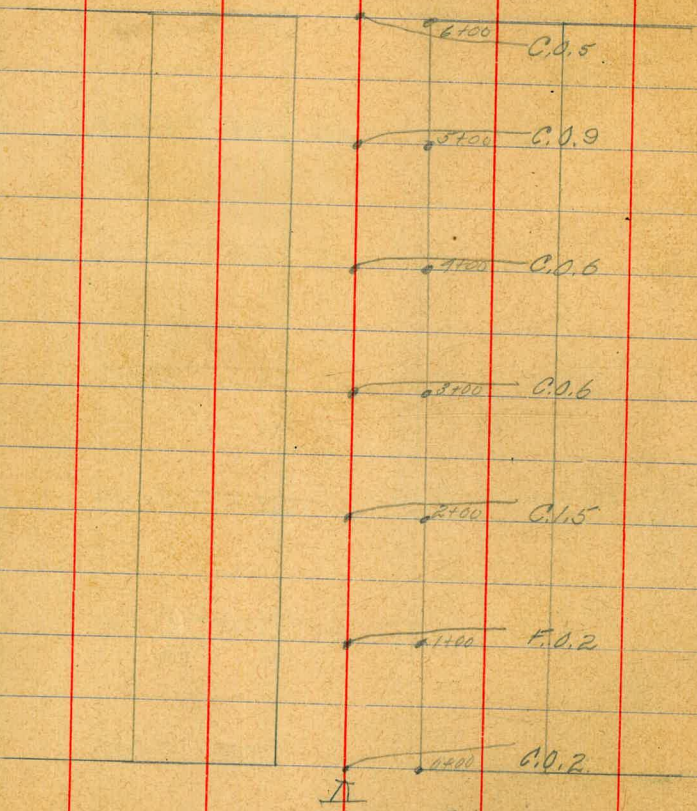
Anna H.I. 4.88

Curb grade = 362.05

Alley bet Reed + Bradt

Anna

Curb grade = 361.85



H.I. = 5.17 Steiner

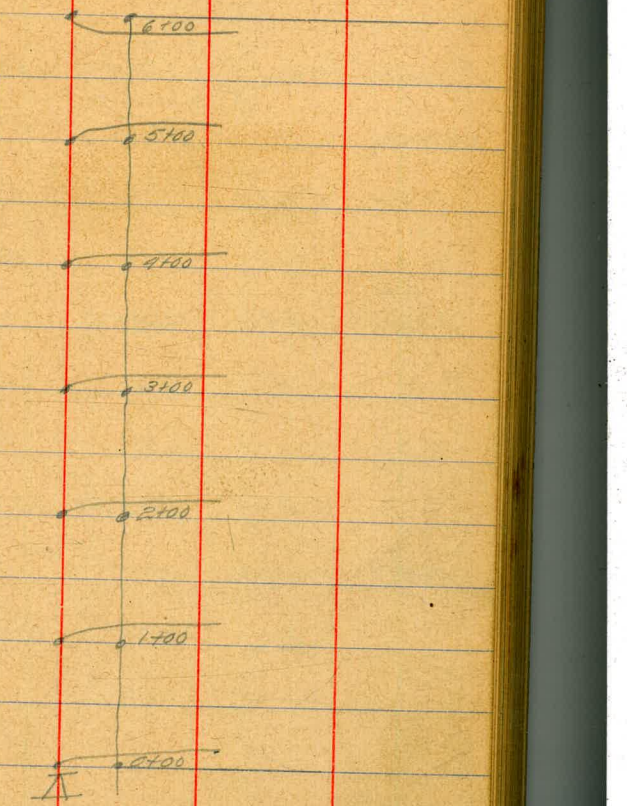
Curb grade = 356.3

H.I. was obtained by reading rods on the curbs at Reed + Bradt

Bradt	2.77
Reed.	7.57

Alley bet Reed + Bradt.

Curb grade: 353.8 Steiner



H.I. = Klauber

Curb grade = 342.55

Grade for center of alley was obtained by reading rods at S.E Cor Bradt +

S.W. Cor. Reed	
S.E. Bradt	= 3.26
S.W. Reed	= 8.01
Rod for Alley	= 5.25

Alley bet. Pauly & Fairmt
So. of Clark.

	0.93	330.90		329.97	BM Spk in light pole Sn Fairmt & Clark.
S. Line Clark. Top Curb. E of alley.			5.5	325.4	Top curb E of ¢
= 0+00			5.6	325.3	ground
1+00			8.3	322.6	
2+00			15.6	315.3	
T.P.			12.66	318.24	
2+95	0.92	319.16	14.2	305.1	
3+00			15.0	304.2	
T.P.			12.95	306.21	
3+10	2.41	308.62	9.0	299.6	Bottom conjng
3+47.0	= intersection of Lexington Line.		3.9	304.7	= 2+28 on Lexington
			12.49	296.13	Hub Lex = 296.08 3+28.6

Alley bet. Pauly and
Van Dyke - So. of Clark

		330.90			
S. Line Clark - Top Curb E of alley.			6.2	324.7	curb
0+00			5.2	325.7	ground
1+00			5.1	325.8	
2+00			7.3	323.6	
3+00			10.0	320.9	
4+00			14.2	316.7	
T.P.			12.66	318.24	rock
5+00	0.92	319.16	14.2	305.0	
			12.95	306.21	
+35	2.41	308.62	11.8	296.8	
T.P.			12.99	295.63	
6+00	0.96	296.59	9.1	287.5	
+30			12.5	284.1	bottom of Nash 10' wide
Road Xing 7+00			10.7	285.9	
+25			11.5	285.1	
T.P.			12.43	284.16	fcg
7+85	0.19	284.35	9.1	275.2	

alley - bet. Pauly & VanDyke
So of Clark -
(cont'd)

8+00		284.35	13.3	271.0	
T.P.	Not used -		12.77	271.58	Stake
8+28.	end of alley -		19.	265.2	Sta 8+28 & elevation = 265.5

alley bet. VanDyke and Copeland -
So of Clark -

	7.65	325.89		318.24	T.P.
5. Line Clark - 0+00			2.56	323.33	top curb - E of E alley -
0+00			2.1	323.8	ground -
+50			1.8	324.1	
1+00			3.8	322.1	
2+00			6.7	319.2	
3+00			9.4	316.5	
4+00			11.3	314.6	
T.P.			12.89	313.00	
5+00	1.19	314.19	2.4	311.8	
6+00			5.4	308.8	
+5. Line Centre			9.0	305.2	
7+00			9.7	304.5	
			12.98	301.21	
8+00	1.32	302.53	4.4	298.1	
9+00	T.P.		12.71	289.82	T.P.
	1.12	290.94			

Alley bet Van Dyke and Copeland –
Line So. of Clark – (contd)

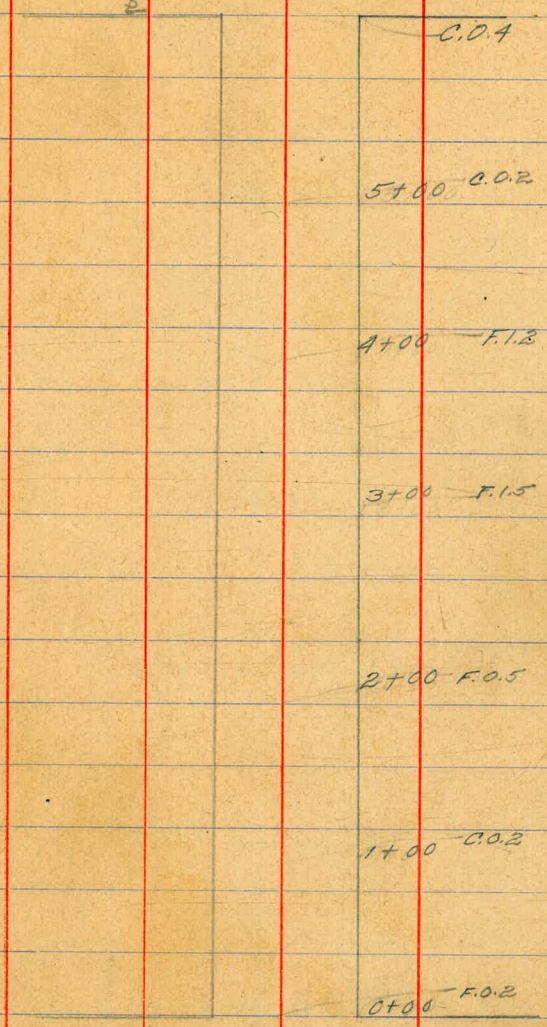
10+00		290.94	12.3	278.6	
T.P.			13.00	277.94	
11+00	113	279.07	9.1	270.0	
T.P.			12.53	266.54	rock –
12+00	0.47	267.01	3.3	263.7	
12+20.7			4.6	262.4	hub –
+35			7.8	259.2	
Sleep	break –				
T.P.			13.02	253.99	stone
+65	0.40 ↓	254.39	12.6	241.8	bottom was
12+97.0	end of alley –		11.1	243.3	ground – 14+47 – Lexington

Alley bet Fairmount + Colonial

14

Grat II
Hyatt
Beach
11/25/14

Anna
Curb grade = 356.5



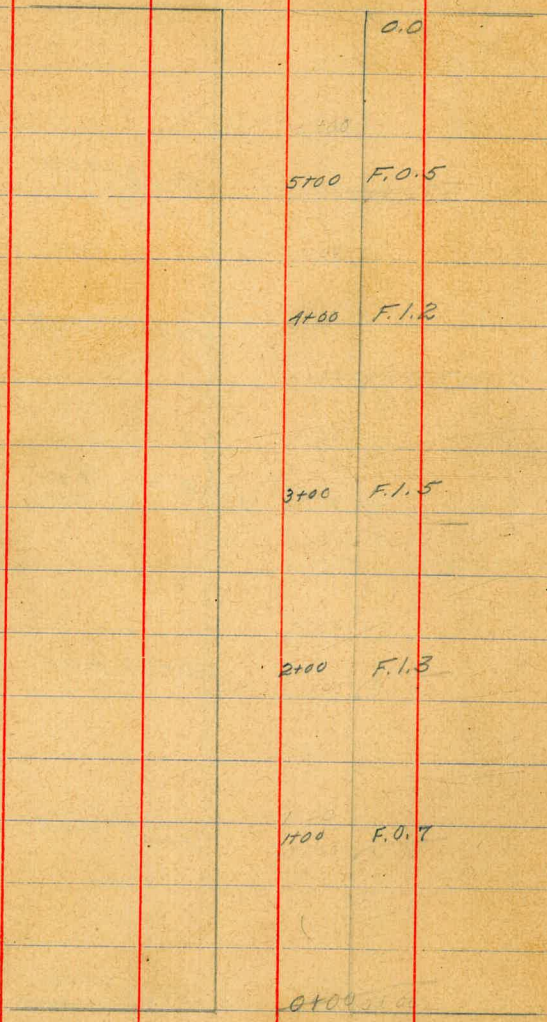
H.I. = 5.00

University Curb grade = 358.2

Alley bet Fairmount + Colonial

Orange

Curb grade = 358.2



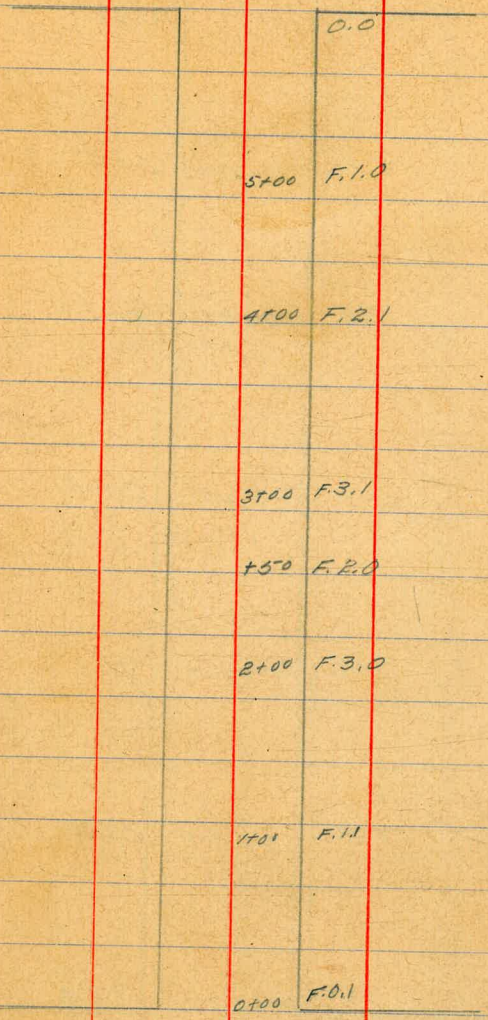
H.I. = 5.26

Anna Curb grade = 355.7

Alley bet Colonial + Highland

Anna

Curb grade = 353.55



University H.I. = 5.15

Curb grade = 354.86

Alley bet Colonial + Highland

Curb grade = 356.15

Orange

	C.0.2
5+00	C.0.5
4+00	F.0.1
3+00	C.0.5
2+00	C.1.1
1+00	C.1.2
0+00	C.0.8

Anna H.I. = 5.62

Curb grade = 353.75

Alley bet Colonial + Highland

El Cajon Curb grade = 355.7

	C.1.3
5+00	C.1.3
4+00	00
3+00	C.1.2
2+00	C.1.5
1+00	C.2.0
0+00	C.0.5

Orange H.I. = 5.56

Curb grade = 356.3

Alley bet Highland + Cabrillo

El Cajon

Curb grade = 356.85

	C.1.3
6+00	C.2.0
5+00	C.1.9
4+00	C.1.8
3+00	C.2.5
2+00	C.1.9
1+00	C.2.0
0+00	0.0

Orange H.I. 5.36

Curb grade = 353.15

Alley bet Highland + Cabrillo

Orange

Curb grade = 353.15

	F.0.2
5+00	F.0.A
4+00	F.1.1
4+00	
3+00	F.1.8
2+00	F.1.7
1+00	F.1.1
0+00	0.0

Anna H.I. = 5.20

Curb grade = 353.55

Alley bet Highland + Cabrillo

Anna Curb grade = 353.75

	C.0.3
5+00	C.1.2
4+00	C.1.0
3+00	C.1.0
2+22	C.2.0
2+00	C.0.8
1+00	F.1.3
0+00	F0.2

H.I = 5.00

University Curb grade = 350.55

Alley bet Cabrillo + Chamoune

Anna Curb grade = 351.75

18

	C.0.0
5+00	C.2.6
4+00	C.4.3
3+00	C.4.6
2+00	C.4.3
1+00	C.4.2
+50	C.3.4
0+00	C.0.5

H.I. = 5.57

University Curb grade: 351.5

Alley bet Cabrillo + Chamoune

Orange = Curb grade = 351.4

	C.0.6
+63	C.2.2
5+00	C.1.1
4+00	0.0
3+00	F.0.9
2+00	F.1.2
1+00	F.1.0
0+00	C.0.4

Anna H.I. = 5.40

Curb grade = 351.45

Alley bet Cabrillo + Chamoune

El Cajon Curb grade = 357.05.

S.A.H. Graf
G.F. Hyatt
Beach
11/25/14

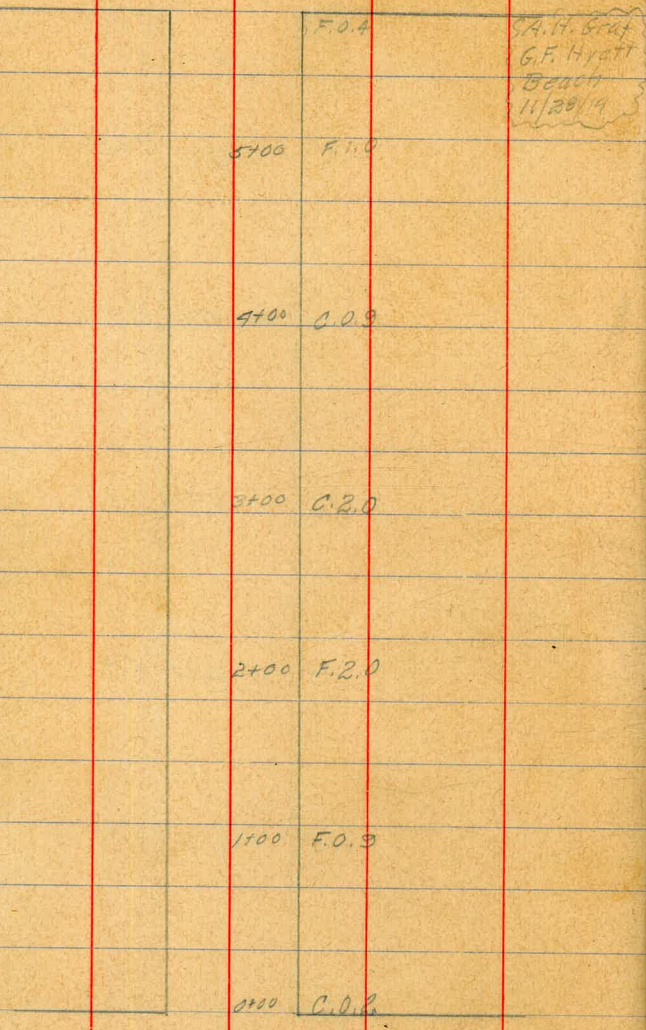
	C.0.8
6+00	C.1.2
5+00	C.0.5
4+00	C.0.1
3+00	C.0.7
2+00	C.1.1
1+00	0.1.4
0+00	C.0.3

H.I. = 5.57

Orange - Curb grade = 351.75

Alley bet Chamonie + Mentone

Anna Curb grade = 348.6

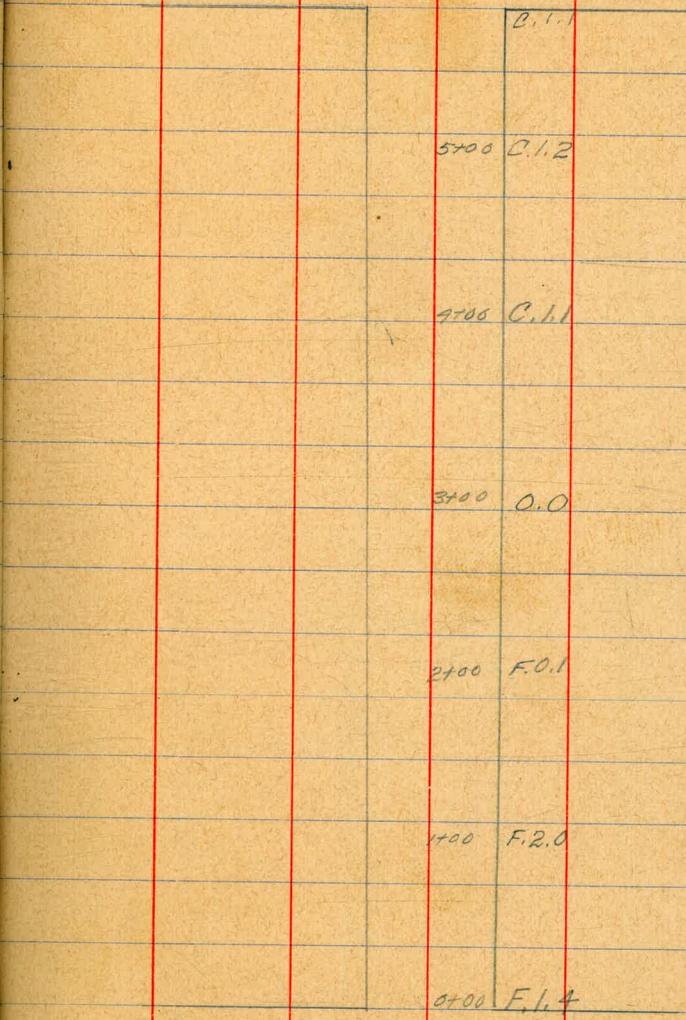


H.I. = 5.00

University Curb grade 352.3

Alley bet Chamonie + Mentone

Orange Curb grade = 352.6



H.I. = 3.90

Anna Curb grade: 348.9

Alley bet Chamoune + Mentone

El Cajon Curb grade = 354.2

	C.0.3
7+00	C.2.0
6+00	C.1.8
5+00	C.2.0
4+00	C.2.0
3+00	C.1.9
2+00	C.2.3
1+00	C.2.2
0+00	C.1.1

H.I. = 5.60

Orange Curb grade - 353.0

Plotted by E.F.F. Feb 21, 16.

Alley Levels. Alley between Sierra & Euclid.

Roads revised by H.H.S. Feb 17-1916

Sta	+	H.I.	−	Elev	
B.M.				344.98	Brass plug SW Euclid & Cajon
S.L. Cajon					
0+00	6.76	351.74	5.7	346.0	
1			6.1	345.6	
2			6.0	345.7	
3			5.0	346.7	
4			4.7	347.0	
5			3.9	347.8	
6			3.2	348.5	
7			3.6	348.1	
T.P.			1.58	350.16	
8	8.60	358.76	7.6	351.2	
9			5.1	353.7	
N.L. Orange					
+49.3			4.3	354.5	
		Orange			
S.L. Orange					
0+00			4.0	354.8	
1			4.1	354.7	
2			5.0	353.8	
3			5.6	353.2	
4			6.6	352.2	

Plotted by E.F.F. Feb 21, 16

Cont. Inverted −

Feb. 17-1916 48 - Grat Hyatt

Roads revised by H.H.S. Feb 17-1916

Sta	+	H.I.	−	Elev	
5		358.76	8.1	350.7	
+74			12.2	346.6	
N.L. Anna					
+77			13.5	345.3	
					B.M. N.W. Euclid & Anna
	ANNA		8.06	350.70	S.B. 350.60
S.L. Anna					
0+00	0.65	351.25	9.2	342.1	
0+30			12.2	339.1	
2+35			12.6	338.7	
2+67			8.3	343.0	
3			6.6	344.7	
4			5.0	346.3	
5			5.3	346.0	
+96			6.0	345.3	
N.L. Union Ave					
5+98.35			10.0	341.3	
T.P.			13.00	338.25	
0+78	3.75	342.00	10.6	331.4	
0+95			11.8	330.2	
1			13.1	328.9	
1+07			11.3	330.7	
2			5.6	336.4	

Plotted by G.F.H. Feb 21/16. Levels in ℄ Alley bet Sierra & Euclid. Rods reduced by A.H.G. 2/21/16

Sta	+	HI	−	Elev	
BM				340.63	Brass Plug KM Euclid & Univ
0+00	4.75	345.38	4.6	340.8	SL. Univ.
0+01			2.1	343.3	
+60 ⊼			4.8	340.6	
+80			9.1	334.3	
T.P.			12.90	332.48	
1	3.50	335.98	10.6	325.4	
+10			13.5	322.5	
+30			10.5	325.5	
+65 ↓			8.7	327.3	
2			5.0	331.0	
T.P. 2+28			0.85	335.13	
2+45	11.60	346.73	4.5	342.2	
3			2.5	344.2	
4			3.1	343.6	
5			5.1	341.6	
NL Klauber 6+00.2			6.0	340.7	
℄ Klauber			6.5	340.2	
S.L Klauber 0+00			9.4	337.3	

Plotted by G.F.H. Feb 21/16. Contd. Rods reduced by A.H.G. 2/21/16. Feb 18-1916 4B-Grat Hyatt

Sta	+	HI	−	Elev	
1		346.73	9.0	337.7	
+32			8.3	338.4	
2			4.0	342.7	
T.P.			1.11	345.62	
2+65	4.00	349.62	2.6	347.0	
3			3.0	346.6	
4			4.5	345.1	
5			5.7	343.9	
+50			6.0	343.6	
5+73 NL Castle			6.1	343.5	
5+84.26 Check			5.9	343.7	
BM			9.54	SB 340.01 340.08	Pipe SW Roselawn & Castle

Plotted by G.F.H. Feb 2, 16.

Levels in Q Alley between Menlo & Sierra

Reduced by H.H. 6/2/16

Sta	+	HI	−	Elev	
BM				347.15	Brass Plug SW Sierra Co/m
SL Co/m 0+00	12.20	359.35	9.9	349.5	
0+05			8.9	350.5	
1			4.4	355.0	
+18			3.1	356.3	
2			0.8	358.6	
T.P.			0.58	358.77	
3	3.70	362.47	3.9	358.6	
4			3.9	358.6	
5			5.6	356.9	
6			6.7	355.8	
7			8.6	353.9	
8			9.6	352.9	
NL Orange +91.6			10.4	352.1	
T.P.		Orange	10.20	352.27	
SL Orange 0+00	2.50	354.77	3.6	351.2	
1			4.6	350.2	
2			5.6	349.2	
3			7.7	347.1	

Plotted by G.F.H. Feb 2, 16

Contd

Feb 18-1916
Rods reduced by J.H.S. 2/18/16

Sta	+	HI	−	Elev
3+20		354.77	8.2	346.6
4			11.5	343.3
4+79			11.9	342.9
5 N.L Anna			10.6	344.2
+77			9.2	345.6
C Anna			9.0	345.8
6+10			9.8	345.0
6+13 SL Anna			8.3	346.5
0+00			8.0	346.8
T.P.			8.18	346.59
1	5.87	352.46	4.7	347.8
+95			5.2	347.3
2			4.8	347.7
+43			4.2	348.3
3			5.3	347.2
4			7.4	345.1
+50			8.3	349.2
+90			10.7	341.8
5			10.2	342.3

Cont'd Plotted by G.F.H. Feb 21, 16. Alley bet Menlo & Stella Rods reduced by A.H.G. 2/21/16

Sta	+	HI	−	Elev	
5+15		352.46	9.3	343.2	
+65			9.2	343.3	
N.L. University +98.35			10.1	342.4	
T.P.			10.22	342.24	
Check BM	6.18	348.42	5.29	SB343.08 343.13	B.P. NW Menlo & Univ
SL Univ Ave 0+00	8.50	351.58	9.8	341.8	
1			7.7	343.9	
+60			6.1	345.5	
2			6.1	345.5	
3			5.3	346.3	
+60			4.0	347.6	
4			4.0	347.6	
5			2.7	348.9	
+25			2.2	349.4	
NL Klauber 6+00.2			4.3	347.3	
+24			5.6	345.0	
+70			5.9	345.7	
SL Klauber 0+00			5.4	346.2	
T.P			5.40	346.18	

Plotted by G.F.H. Feb 21/16. Feb 18-1916 Rods reduced by A.H.G. 2/21/16

Sta	+				
0+35	1.90	348.08	1.2	346.9	
1			2.6	345.5	
2			4.4	343.7	
3			5.1	343.0	
4			6.6	341.5	
5			7.5	340.6	
+45			7.7	340.4	
N.L. Castle +85.2			9.0	339.1	
T.P.			5.07	343.01	
Check BM	8.54	351.55	2.56	SB348.97 348.99	Pipe SW Menlo & Castle

Plotted by G.S.H. Feb 21/16.

Levels on L Alley bet Mewhinney & Menlo

Feb 19/16 Ingram Gulf

Rods reduced by H+G 2½'s

BP NW Menlo & Orange

Sta	+	HI	−	Elev
B.M.				349.29
SL orange 0+00	7.02	356.29	5.4	350.9
1			6.4	349.9
+80			6.7	349.6
2			6.0	350.3
+60			6.2	350.1
3			5.4	350.9
+45			4.3	352.0
4			3.8	352.5
+50			2.9	353.4
+65			2.7	353.6
5			3.8	352.5
NL Anna +71			6.1	350.2
+85			6.3	349.6
6			6.2	350.1
+10			7.1	349.2
SL Anna 0+00			7.3	349.0
T.P.			7.00	349.29
1	3.64	352.93	6.7	346.2

Plotted by G.S.H. Feb 21/16.

Rods reduced by H+G 2½'s

26

Sta	+	HI	−	Elev	
2		352.93	10.2	342.7	
+45			8.0	344.9	
+90			9.3	343.6	
3			8.8	344.1	
+45			6.8	346.1	
4			7.0	345.9	
5			5.5	347.4	
+95			4.6	348.3	
NL Anna +98.35			5.7	347.2	
T.P.			1.93	351.00	
Check B.M.	6.24	357.24	6.14	5B 351.18 351.10	Brass Plug NW Mewhinney & Anna P.M.
SL Anna 0+00	5.75	356.93	10.2	346.7	
+02			7.7	349.2	
+80			9.3	347.6	
1			9.0	347.9	
2			6.5	350.4	
3			4.6	352.3	
+50			5.2	351.7	
4			6.6	350.3	

Contd

Alleyber Menlo & Menlo
Plotted by G.F.H.
Feb 21/16.

Rods reduced
by A.H.E. 2/21/16

Sta	+	HI	-	Elev	
5		356.93	10.5	346.4	
+45			12.3	344.6	
NL Klauber					
6+00.2			12.6	344.3	
T.P.			12.40	344.53	
℄ Klauber					
6+40	7.48	352.01	8.8	343.2	
SL Klauber					
0+00			8.7	343.3	
0+80			9.1	342.9	
1			9.5	342.5	
1+25			8.4	343.6	
2			7.8	344.2	
+40			7.1	344.9	
3			9.1	342.9	
+35			10.0	342.0	
+55			11.3	340.7	
4			11.9	340.1	
5			9.3	342.7	
+50			6.0	346.0	
NL Castle					
+85.98			5.2	346.8	
Check				SB 348.97	Pipe SW.
BM.			3.00	349.01	Menlo & Castle

Plotted by G.F.H. Feb 2/16. Levels on ℄ Alley bet Chamonne & Mentone 4S-1 Ave Feb 18 Grdf 1916

Sta	+	HI	−	Elev	
BM				353.62	Brass plug NW Chamonne & Chur
SL Univ 0+00	3.85	357.47	5.3	352.2	
0+40			3.3	354.2	
1			4.7	352.8	
2			8.5	349.0	
+50			9.9	347.6	
3			10.7	346.8	
+65			11.0	346.5	
4			12.2	345.3	
+13			12.6	344.9	
5			12.6	344.9	
NL Klauber 6+00.2			10.6	346.9	
T.P.			10.47	347.00	
SL Klauber 0+00	6.38	353.38	7.1	346.3	
+01			3.2	350.2	
1			2.6	350.8	
2			3.0	350.4	
+50			3.7	349.7	
3			5.4	348.0	

Plotted by G.F.H. Feb 2/16. Continued Rods reduced by A.H.G. 2/21/16

Sta	+	HI	−	Elev	
4		353.38	7.9	345.5	
5			9.3	344.1	
+65			9.1	344.3	
NL Castle +86.85			9.6	343.8	
T.P.			9.75	343.63	
Check BM	5.20	348.83	7.75	SB341.01 341.08	BP NW Chaur & Castle

Plotted by G.F.H. Feb 21-16. Levels on Cabrillo & Chanslor. T. 46-Bay of Mouth Feb 19-1916

Sta	+	HI	−	Elev	
B.M.				349.58	B.P. NW Cabrillo & Chsl
SL Chsl					
0+00	3.62	353.20	2.5	350.7	
1			5.1	348.1	
2			5.4	347.8	
+20			4.8	348.4	
3			5.6	347.6	
+16			5.3	347.9	
+50			4.2	349.0	
4			2.2	351.0	
+20			1.0	352.2	
+65			1.5	351.7	
5			2.8	350.4	
+60			4.4	349.8	
+85			5.3	347.9	
NL Klamath					
0+00			5.2	348.0 Klamath	
SL Klamath					
0+00			5.8	347.4	
T.P.			5.70	347.50	
1	3.50	351.00	5.1	345.9	
+75			4.6	346.4	

Contd Plotted by G.F.H. Feb 21-16. Rods reduced by A.H.G. 2/21/16

Sta	+	HI	−	Elev	
2		351.00	.48	346.2	
+45			4.5	346.5	
3			5.2	345.8	
+35			4.7	346.3	
4			6.2	344.8	
+55			6.1	344.9	
5			8.5	342.5	
N.L. Castle.					
196.33			9.2	341.8 Castle	
S.L. Castle.					
0+00			9.2	341.8	
Check				S.B. 342.95	Brass plug N.W. Cabrillo & Castle
B.M.			7.96	(343.04)	
0+50	1.91	344.86	8.4	336.5	
1			10.6	334.3	
+50			11.7	333.2	
+70			9.6	335.3	
2			9.4	335.5	
+40			8.6	336.3	
3			9.1	335.8	
4			8.1	336.8	
+60			6.0	338.9	

Plotted Levels & Alley 30 ft
Aug 27 Cabrillo + Channing (Contd)
Reduced

Sta.	+	H.I	−	Elev.	
5		344.86	5.4	339.5	
T.P.			5.36	339.50	
+55	8.87	348.37	7.5	340.9	
N.L. Howard					
6+00.32			11.6	336.8	
				Howard	
S.L. Howard					
0+00			11.9	336.5	
+50			6.1	342.3	
1			5.1	343.3	
2			4.9	343.5	
+50			5.2	343.2	
3			6.4	342.0	
4			7.2	341.2	
5			8.3	340.1	
+80			8.7	339.7	
N.L. Clark					
6+01.3			10.0	338.4	
T.P.			10.12	338.25	Clark
S.L. Clark		S.B. 340.88			
0+00	2.58	(340.83)	3.4	337.5	
+10			2.5	338.4	
1			3.6	337.3	
2			4.2	336.7	

Contd. Plotted by F.H. Feb 21/16. Rods reduced by J.H.G. 2/21/16.

Sta	+	H.I	−	Elev	
		B.B 340.88			
3		(340.83)	5.0	335.9	
4			5.8	335.1	
5			7.0	333.9	
+75			7.7	333.2	
N.L. Centre					
6+00			10.3	330.6	
Check				S.B. 330.13	Iron pipe N.E. Cor. Lot 6 & Centre
B.M.			10.75	(330.09)	
S.L. Centre	15' Alley				
0+00	5.97	336.05	5.9	330.2	
+20			4.8	331.3	
1			7.0	329.1	
2			9.6	326.5	
3			12.0	324.1	
T.P.			11.97	324.08	
4	1.20	325.28	3.6	321.7	
5			6.3	319.0	
+50			8.0	317.3	
N.L. Chatham					
6+00.13			10.8	314.5	
Check				S.B. 314.41	Iron pipe E of Sta 3+00 S of Centre of Cabrillo
B.M.			10.89	(314.39)	

Levels & Alley Bet Highland & Cabrillo

Plotted by G.F.H. Feb 21/16.

Grat Hyatt Feb. 19, 1916

Sta.	+	H.I.	−	Elev.	
B.M.				352.28	Brass plug N.W. Highland & University
S.L. University					
0+00	5.00	357.28	7.0	350.3	
+25			7.7	349.6	
+85			5.3	352.0	
1			5.2	352.1	
+75			4.9	352.4	
2			5.3	352.0	
+20			4.8	352.5	
3			6.3	351.0	
4			7.6	349.7	
+45			7.4	349.9	
T.P.			7.24	350.04	
5	5.00	355.04	5.7	349.3	
+15			4.7	350.3	
+85			4.9	350.1	
N.L. Klauber 6+00			5.5	349.5	Klauber
S.L. Klauber 0+00			5.7	349.3	
+45			5.2	349.8	
1			6.1	348.9	

Plotted by G.F.H. Feb 21/16.

Rods reduced by A.H.G. 2/21/16

Sta.	+	H.I.	−	Elev.	
1+90		355.04	6.1	348.9	
2			6.7	348.3	
3			7.0	348.0	
+50			7.1	347.9	
4			6.6	348.4	
T.P.			6.44	348.60	
5	6.95	S.B. 355.46 (355.55)	6.7	348.8	
+80			6.3	349.2	
N.L. Castle +96.33			6.9	348.6	Castle
Check B.M.			1.96	S.B. 353.50 (353.59)	
S.L. Castle 0+00			6.7	348.8	
+20			5.2	350.3	
1			4.7	350.8	
2			3.8	351.7	
3			4.0	351.5	
4			4.0	351.5	
T.P.			3.90	351.56	
5	3.92	S.B. 355.60 (355.48)	4.9	350.7	
+80			5.8	349.8	

Plotted by G.F.H. Feb 28/16. Sta.	Levels ℄ Alley Bet. Cabrillo +	Highland	(Cont'd)	Rods reduced by G.F.H. Feb 28/16.	
	+	H.I.	−	Elev	
N.L. Howard 6+00.32		SB 355.60 355.48	7.1	348.5	
			7.60	S.B. 348.00 347.80	Curb stake N.E. Cabrillo & Howard
		Fe 623 - 4d. Gray Ryan			
B.M.				347.07	Pipe NE Cabrillo Howard
SL Howard 0+00	4.80	351.87	3.7	348.2	
1			5.3	346.6	
2			6.1	345.8	
3			7.1	344.8	
4			8.6	343.3	
5			10.3	341.6	
+95			12.1	339.85	
NL Clark 6+01.3					
	Clark		12.6	339.3	
T.P.			12.57	339.30	
SL Clark 0+00	0.62	339.92	1.4	338.5	
1			3.2	336.7	
2			5.2	334.7	
3			6.7	333.2	
4			7.6	332.3	
5			9.4	330.5	

Cont'd		Plotted by G.F.H. Feb 28/16.		Rods reduced by G.F.H. Feb 28/16.	
Sta	+	HI	−	Elev	
5+95		339.92	12.0	327.9	
T.P.			11.24	328.68	
NL Center 6+00	5.30	333.98	8.5	325.5	
Check - BM			3.86	SB 330.13 330.12	Pipe NE Cabrillo & Center

Plotted by [illegible] Feb. 23, 16. Levelled by Colonial & Highland Feb. 28, 16. Checked by G.S.H. Feb. 29, 16. Ford-Hyde-Co. Feb. 23, 1916

Sta	+	H.I.	−	Elev	
B.M. S.L. University				356.68	Brass Plug N.W. Cor. Colonial & University
0+00	3.29	359.97	4.6	355.4	
+10			3.8	356.2	
1			4.5	355.5	
+50			4.6	355.4	
2			5.2	354.8	
+30			5.1	354.9	
3			6.0	354.0	
4			7.0	353.0	
5			7.1	352.9	
+10			6.6	353.4	
+40			7.0	353.0	
+65			6.2	353.8	
+90			6.1	353.9	
N.L. Klauber 6+00			6.7	353.3	
			6.62	353.35	
T.P. S.L. Klauber 0+00	6.51	359.86	7.1	352.8	
+05			5.9	354.0	
1			5.5	354.4	

Continued Plotted by G.S.H. Feb. 23, 16.

Sta	+	H.I.	−	Elev	
2		359.86	5.2	354.7	
+75			4.6	355.3	
3			4.5	355.4	
4			5.0	354.9	
5			5.6	354.3	
N.L. Castle 5+96.33			6.4	353.5	
T.P. Chuck			6.61	353.25	
B.M. S.L. Castle	2.99	356.24	2.76	S.B. 353.50 (353.48)	Brass plug N.W. Highland & Castle
0+00			3.1	353.1	
1			3.9	352.3	
2			4.3	351.9	
3			5.8	350.4	
4			7.2	349.0	
450			7.7	348.5	
5			9.1	347.1	
N.L. Howard 6+00.28			10.5	345.7	
T.P.			10.58	345.66	
0+00	0.08	345.74	0.6	345.1	
+05			1.5	344.2	

Plotted Levels & Riley Bet
by G.F.H. Colonial + Highland (Cont'd)
Feb 28/16.

Sta.	+	H.I.	−	Elev.
1		345.74	3.0	342.7
2			4.9	340.8
+35			5.8	339.9
3			5.3	340.4
4			5.4	340.3
5			7.1	338.6
+25			7.6	338.1
N.L. Clark 6+01.3			10.6	335.1
T.P.			10.62	335.12
0+00	2.07	337.19	3.7	333.5
+60			10.8	326.4
+80			11.0	326.2
1			8.9	328.3
+45			4.8	332.4
2			4.0	333.2
3			6.2	331.0
4			9.7	327.5
T.P.			12.31	324.88
+50	3.46	328.34	6.8	321.5

(Cont'd) Rods reduced by G.F.H. Feb 28/16. Graf Hyatt Feb 23, 1916

Sta.	+	H.I.	−	Elev.	
4+60		328.34	8.6	319.7	
+90			11.9	316.4	
5			13.0	315.3	
+15			14.9	313.4	
+20			16.3	312.0	
+30			14.7	313.6	
+50			12.1	316.2	
+85			12.2	316.1	
N.L. Centre 6+00			13.8	314.5	
T.P.			5.26	323.08	
Check B.M.	8.39	331.47	1.45	S.B. 330.12 (330.02)	Iron pipe N.E. Centre & Cabrillo

Levelled E Alley bet Fairmount & Colonial Rods reduced Feb 23, 1916 by GFH.
Plotted by [illegible] Leaf Hyatt Feb 28, 16.

Sta	+	HI	−	Elev	
B.M SL Unit.				356.68	BP NW Unit & Colonial
0+00	5.38	362.06	4.8	357.3	
1			4.9	357.2	
+85			4.6	357.5	
2			5.2	356.9	
3			5.6	356.5	
+30			4.9	357.2	
4			5.2	356.9	
+30			4.4	357.7	
+50			5.3	356.8	
+75			4.2	357.9	
5			5.6	356.5	
+50 NL Klauber			5.6	356.5	
6+00	Klauber		6.6	355.5	
T.P. SL Klauber			6.50	355.56	
0+00	3.80	359.36	4.4	355.0	
+70			4.0	355.4	
1			4.6	354.8	
2			4.8	354.6	

Cont'd

Rods reduced by GFH. Feb 28, 16.

Sta	+	HI	−	Elev	
3		359.36	5.3	354.1	
4			6.1	353.3	
5			6.8	352.6	
NL Castle 5+96.33 SL Castle	Castle		7.7	351.7	
0+00			8.7	350.7	
T.P. Check			9.07	350.29 OK.	
B.M.	+ on T.P.		10.22	349.14	BP NW Fairmount & Castle
1+00	1.20	351.49	2.8	348.7	
2			3.9	347.6	
3			5.2	346.3	
4			6.3	345.2	
5			6.9	344.6	
+75 NL Howard			7.1	344.4	
6+80.21	Howard		8.5	343.0	
0+00			9.4	342.1	
0+10			9.1	342.4	
1			10.1	341.4	
2			11.0	340.5	
T.P.			10.80	340.69	

Plotted by G.F.H. Mar 1, 16. Continued Alley Lot Fairmount & Colonial Feb 24-16 Rods reduced by G.F.H. Feb 28, 16

Sta	+	HI	−	Elev	
3	065	341.34	1.8	339.5	
4			3.0	338.3	
5			4.2	337.1	
+50			5.4	335.9	
NL Clark 6+01.3			7.5	333.8	
SL Clark 0+00			9.4	331.9	
Check B.M.	No Good		9.85	SB 329.97 331.49 NG	Spike Pole SW Clark & Fairmont
" B.M.			7.33	SB 333.98 334.01	Spike Pole SW Colonial & Clark
Top Curb			8.26	SB 333.00 333.08	Top Curb " "
0+10			12.7	328.6	
+80			12.6	328.7	
1			13.0	328.3	
+45			13.8	327.5	
2			13.2	328.1	
T.P.			12.96	328.38	
3	125	329.63	2.7	326.9	
4			5.5	324.1	
5			8.7	320.9	
+75			10.3	319.3	

Rods reduced by G.F.H. Feb 28, 16.

Sta	+	HI	−	Elev	
+95		329.63	13.4	316.2	
T.P.			12.49	317.14	
NL Center 6+00	−0.45 Center	316.69	3.4	313.3	
SL Center 0+00			5.3	311.4	
0+02			1.1	315.6	
+30			−1.4	318.1	
1			0.1	316.6	
2			1.8	314.9	
3			3.3	313.4	
4			5.5	311.2	
5			7.3	309.4	
+90			10.9	305.8	
NL Chatham 6+00			10.8	305.9	
Top Curb			13.68	303.00 SB 30301	NW Colonial & Chatham

Roads reduced by G.F.H. Feb 28, 16. Plotted by G.F.H. Mar 1, 16.

Levels on ℄ Alley between Fairmount & Colonial from 451' N of NL Orange to NL Orange

Feb 24, 16 4d Graf. Hyatt

Sta	+	HI	−	Elev.	
BM 451 N of NL Orange −				358.43	B.P. N.W. Colonial & Orange
0+00	5.27	363.70	9.4	354.3	
1			9.0	354.7	
2			7.2	356.5	
3			5.8	357.9	
4			5.3	358.4	
NL Orange +51 4+50			5.4	358.3	

Levels on ℄ Alley bet Pauly & Fairmount Cafon to Orange −

Sta	+	HI	−	Elev.	
BM SL Cafon −				352.00	B.P. SW Cafon & Fairmount
0+00	10.96	362.96	11.1	351.9	
1			10.2	352.8	
+30			9.6	353.4	
+60			7.7	355.3	
2			8.1	354.9	
+45			8.0	355.0	
+75			6.6	356.4	
3			7.	356.0	
4			5.3	357.7	
5			3.8	359.2	

Continued −

Sta	+	HI	−	Elev.	
6		362.96	1.7	361.3	
NL Orange +07			3.4	359.6	
Check BM			4.64	SB 358.36 358.32	B.P. NW Fairmount & Orange

Sewer Levels Lexington Ave.

	H.I.		El.		
				329.97	BM Spike in pole SN Corr Clarks Fairmt.
	0.34	330.31	2.71	327.60	
0+00.			10.32	319.99	
T.P.			12.29	318.02	
1+00	1.84	319.86	8.1	311.7	
2+00 45+97.25			14.2	305.6	
+28			15.0	304.8	
T.P.			12.60	307.26	
3+00 T.P. +88.6	1.63	308.89	5.7	303.2	
			12.81	296.08	
4+00	2.80	298.88	5.0	293.3	
+27			10.4	288.4	
+33			13.6	285.2	
+40			12.0	286.8	
5+00			13.3	285.5	
+15 ℄ Pauly Ave					
+35			17.3	281.5	
T.P.			12.73	286.15	
	0.30	286.45			

N S

check on curb - ℄ produced - easterly -

hub. Sta 0+00

Stone.

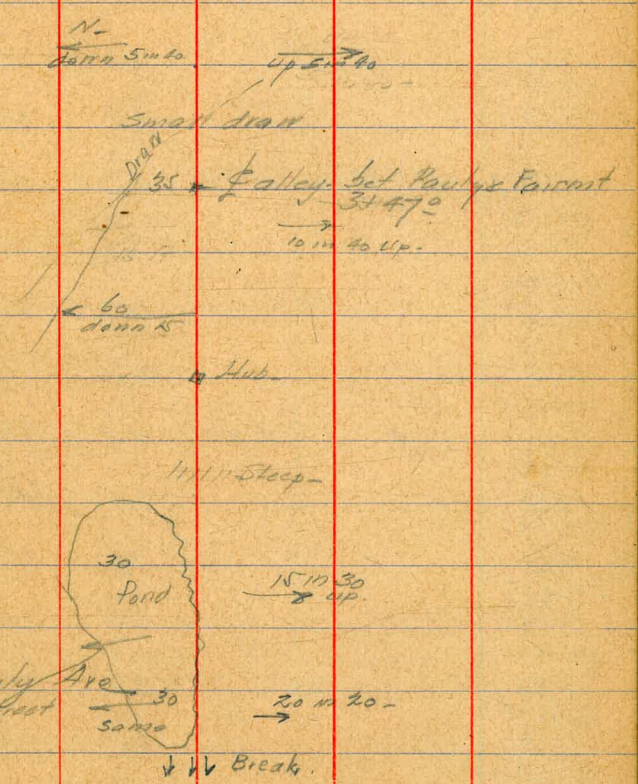
Lath -

Stone -

P.I.

Lath -

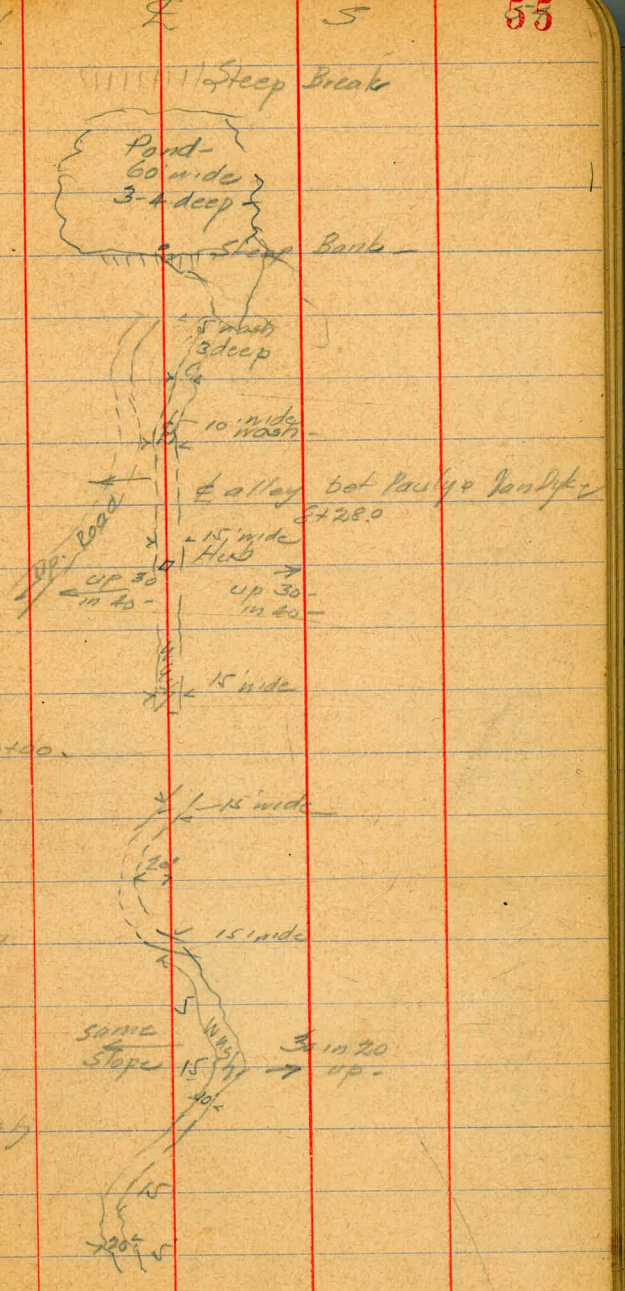
Stone



Sewer Profile Lexington

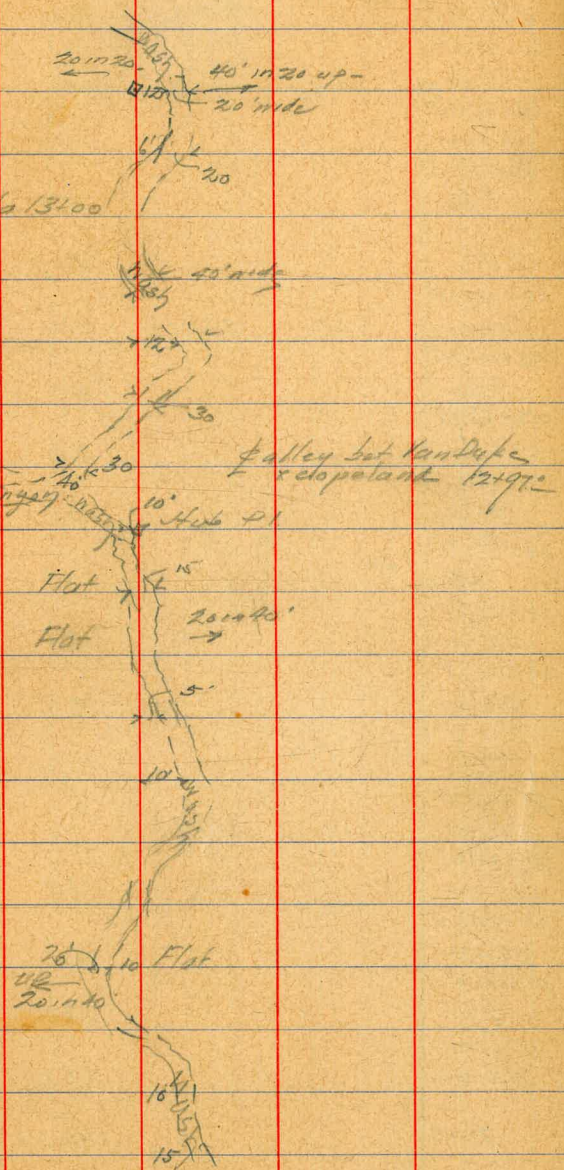
5+43		286.45	12.3	274.1
+50			15.0	271.4
			17.8	268.6
6+43			12.8	273.6
T.P.			12.81	273.64
7+00	1.33	271.97	2.5	272.4
8+00			9.2	265.7
39+97.25				
8+28.0			9.8	265.1
+82.86	= 39+42.39	New Sta.	11.5	263.4
39+25.25				
9+00			11.0	263.9
38+25.25				
10+00			13.0	259.9
T.P.			12.76	262.81
38+05.25				
10+20	1.18	263.39	4.5	258.9
37+75.25				
+50			2.0	261.4
37+35.25				
+90			7.6	255.7
37+25.25				
11+00			5.4	258.0
37+05.25				
+20			5.7	257.6
36+85.25				
+40			10.2	253.1
36+50.25				
+75			10.1	253.3
36+25.25				
12+00			11.7	251.7

Note: Station written in above are those with 0+00 = 45+25.25



Sewer Profile Lexington Ave.

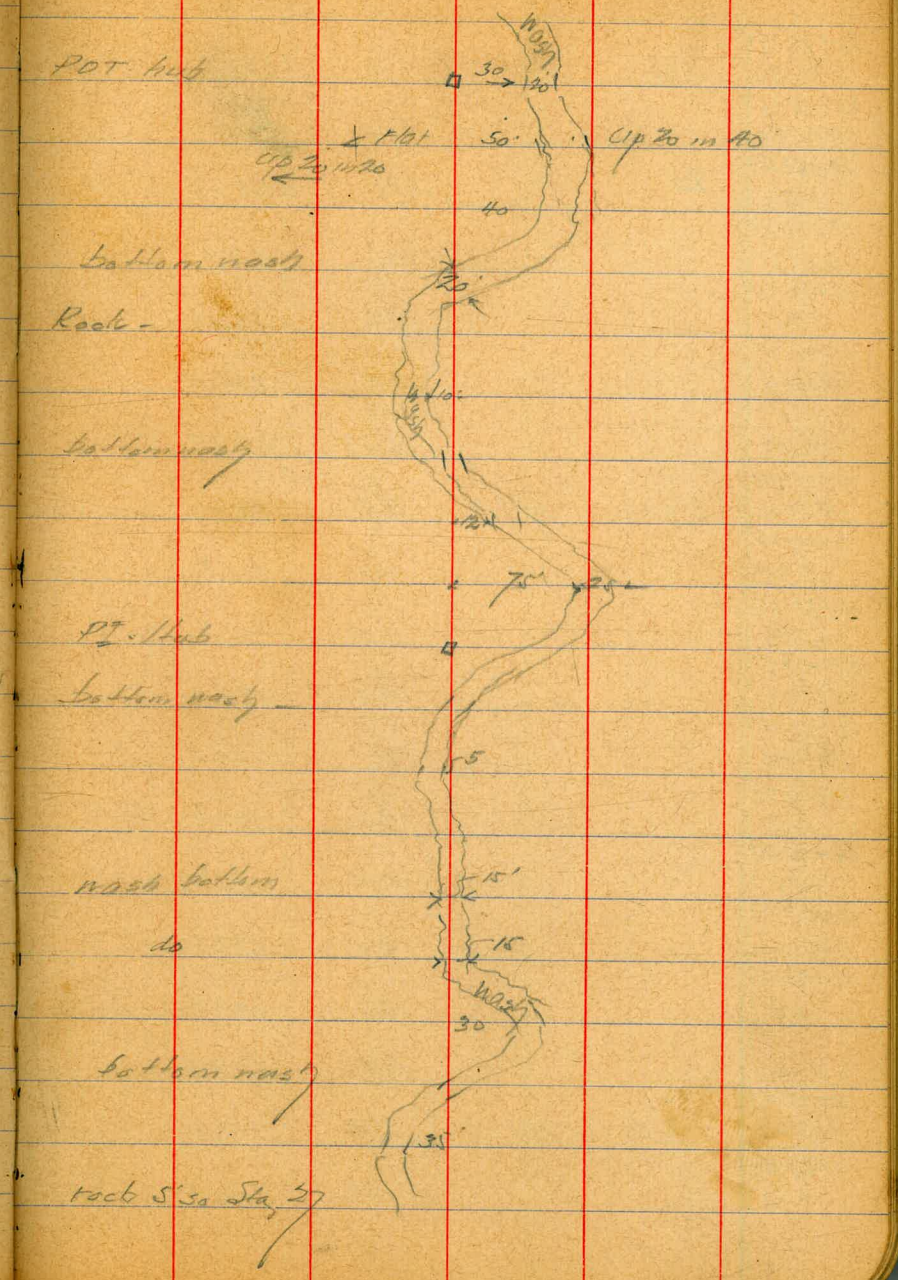
36+00.25 12+25		263.39	13.6	249.7	Bottom nash
✓ 35+64.93 +60.32	△		9.92	253.47	P.I. hub
35+25.25 13+00			14.7	248.7	
T.P.			12.89	250.50	Rock 25 So. Sta 13+00
34+90.25 13+35	0.95	251.45	5.6	245.8	bottom nash
34+25.25 14+00			8.2	243.2	
34+00.25 +25			9.6	241.0	bottom nash
33+78.25 14+47.0			8.29	243.16	Lath
33+47.83 +77.42	△		10.28	241.17	Hub P.I.
33+35.25 +90			13.5	237.9	bottom nash
15+00 33+25.25			13.5	237.9	do
15+40 32+85.25			14.2	237.2	bottom nash
32+70.25 +55			13.2	238.2	
32+25.25 16+00			15.2	236.2	
T.P.			12.77	238.68	peg 10 N. 15+50.
31+95.25 16+30	2.13	240.81	6.0	234.8	bottom nash
31+85.25 +40			5.8	235.0	
31+70.25 +55			6.8	234.0	bottom nash
31+50.25 +75			3.5	237.3	
31+25.25 17+00			3.1	237.7	



Sewer Profile Lexington

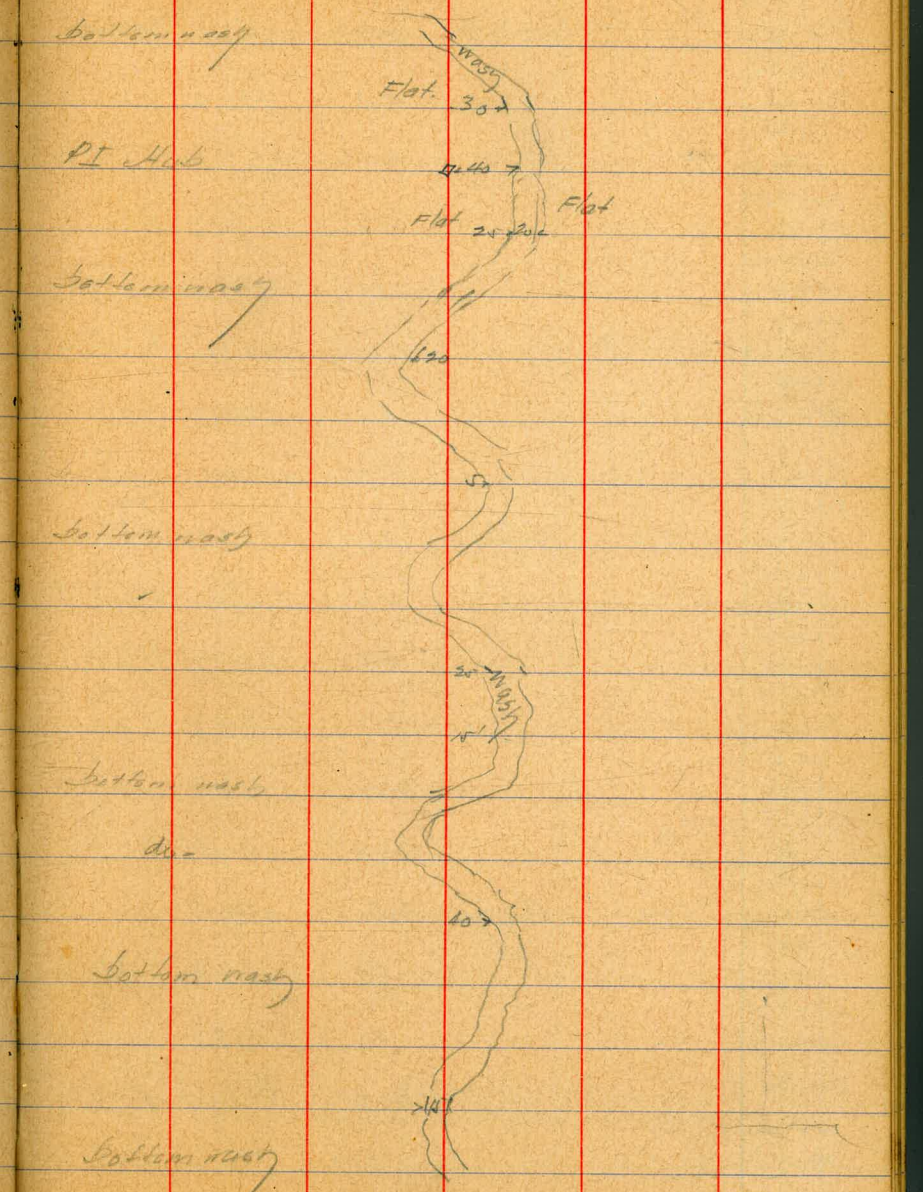
31+11.45				
17+13.8	△	240.81	34.8	237.33
30+25.25				
18+00			6.5	234.3
29+25.25				
19+00			11.0	229.8
28+95.25				
+30			13.0	227.8
T.P.			12.07	228.74
28+25.25				
20+00	148	230.92	3.4	226.8
28+05.25				
+20			4.7	225.5
27+85.25				
+40			3.2	227.0
27+25.25				
21+00			4.6	225.6
26+89.45				
+40.8	△		6.65	223.57
26+25.25				
22+00			13.0	217.2
25+25.25				
23+00			13.2	217.0
T.P.			12.70	217.52
24+25.25				
24+00	202	219.54	7.0	212.5
23+25.25				
25+00			8.2	211.3
22+25.25				
26+00			9.6	209.9
21+50.25				
+75			13.3	206.2
21+25.25				
27+00			12.4	207.1
T.P.			12.28	207.26

N E S



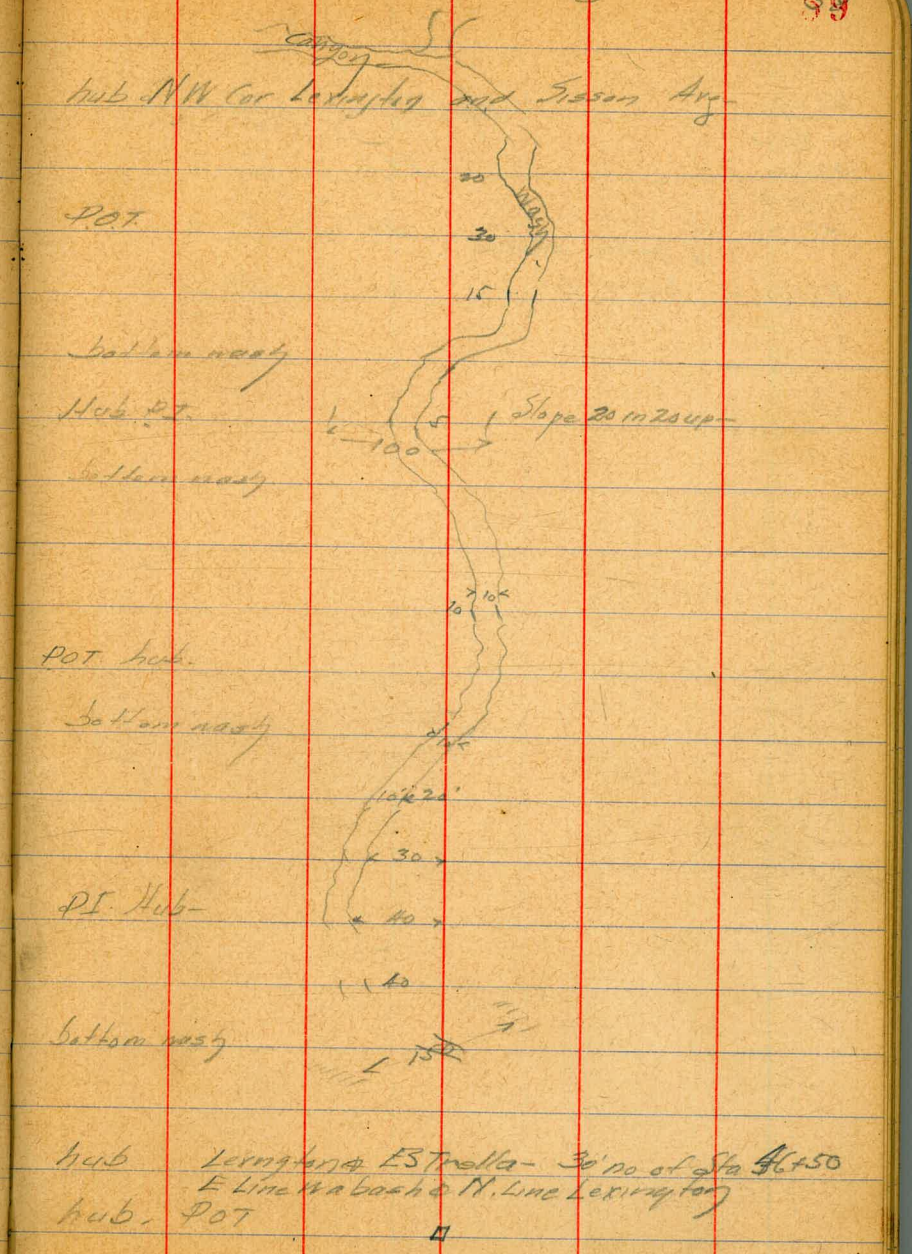
Sewer Problem. Lexington

				207.26
20+55.25 27+70	1.86	209.12	5.8	203.3
20+25.25 28+00			5.0	204.1
19+63.64 +61.61	△		5.98	203.14
19+25.25 29+00			7.2	201.9
18+80.25 +45			11.2	197.9
18+25.25 30+00			10.5	198.6
T.P.			12.89	196.23
17+25.25 31+00	0.23	196.46	2.00	194.5
17+00.25 +25			4.0	192.5
16+45.25 +80			6.0	190.5
16+25.25 32+00			4.3	192.2
15+25.25 33+00			7.6	188.9
15+10.25 +15			9.1	187.4
14+75.25 +50			10.2	186.3
14+25.25 34+00			9.0	187.5
13+50.25 +75			13.6	182.9
T.P.			12.98	183.48
13+25.25 35+00	2.32	185.80	2.4	183.4
12+65.25 +60			4.3	181.5



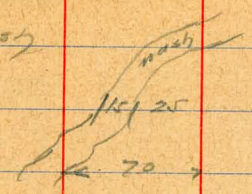
Sewer Profile Lexington

?					
(17+10.25)					
36+15		185.80	2.78	183.02	B.M.
12+25.25					
36+00			2.9	182.9	
11+85.25					
+40.0	△		4.04	181.76	
11+25.25					
37+00			5.8	180.0	
10+25.25					
38+00			10.5	175.3	
9+64.0					
+61.25			10.70	175.10	
9+25.25					
39+00			12.7	173.1	
T.P.			12.96	172.84	
8+25.25					
40+00	213	174.97	2.6	172.4	
7+25.25					
41+00			5.5	169.97	
6+90.25					
+35			8.7	166.3	
6+25.25					
42+00			7.5	167.5	
5+25.25					
43+00			10.3	164.7	
4+27.25					
43+98.	PI △				
T.P.			12.31	162.66	
3+25.25					
45+00	341	166.07	6.6	159.5	
2+75.25					
+30			9.2	156.9	
2+25.25					
46+00			9.0	157.1	
			3.08	162.99	B.M.
1+81.13					
46+44.2	P.O.T.		7.041	155.66	



1+35.25					
46+90		166.07	14.60	151.5	
1+25.25					
47+00			12.5	153.6	
0+25.25					
48+00			13.6	152.5	
	= 0+00 = Newsta.				
48+25.25	End of Line		13.05	153.07	

bottom mash



Sewer Levels
Lexington Avenue.

344.35	Spk in pole E of Fairmount at alley-Hanna
329.97	BM S W Cor Fairmount & Clark Spk in pole

Moore
9-14-39

Indexed
C.S.K.

62

Alley X Sec 20' wide

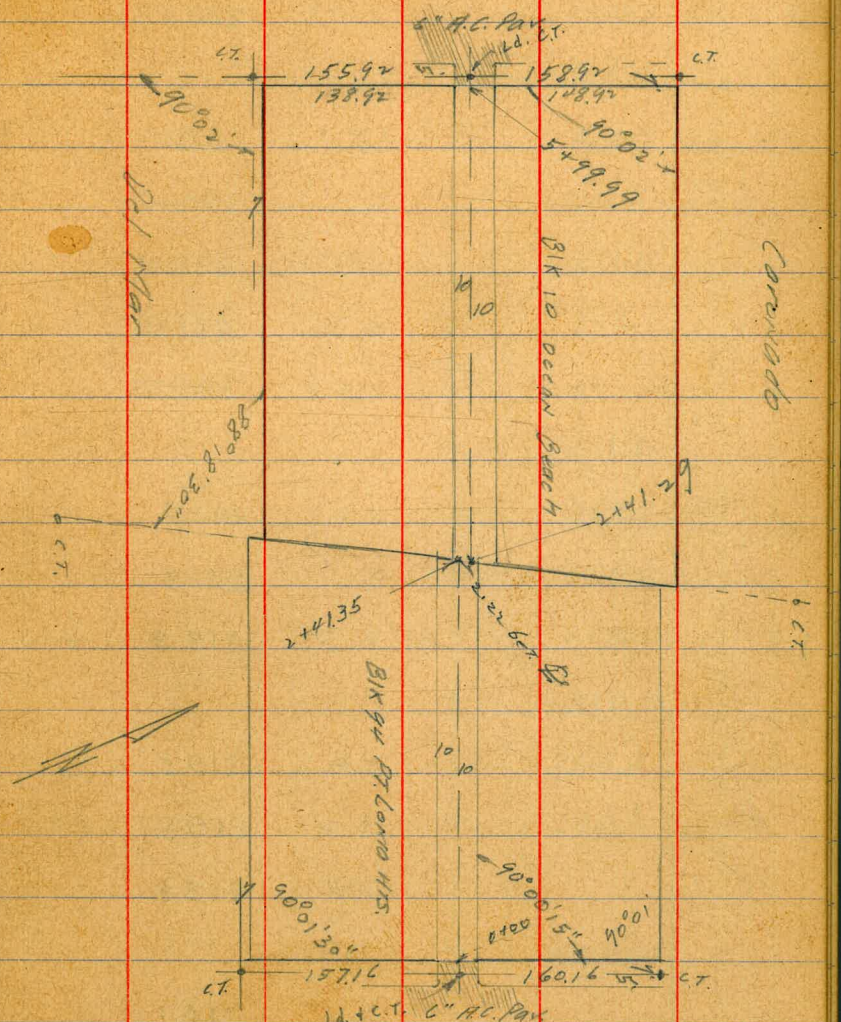
Blk 10 Ocean Beach

" 94 Pt. Loma Hts

SWBP	10.29	228.32 ✓		218.03	Del Monte Guizot
T.P.	10.99	233.94 ✓	5.37	222.95	
SWK cb P.C. Coronado Guizot			3.90	230.04	
10' S of SW Coronado					
T.P.	0.28	222.58 ✓	11.64	222.30	Top cb N.L. end alley Return
	0-12 W/y cb Guizot				
N	Pav.		0.81	221.77	
C	"		1.55	221.03	
S	"		2.46	220.12	
	0-07				
S cb	Top		2.01	220.57	
S Pav			2.24	220.32	
C "	Ld + C.T.		1.45	221.13	
N "			0.73	221.85	
N cb	Top		0.41	222.17	
	0-04				
N cb	Top		0.35	222.23	
N Pav.			0.47	221.91	

Reduced & plotted on Profile 2788
Sept-15-1939 CEH

Froude



		222.58		
C Pav			1.43	221.15
S "			2.11	220.47
S CB	TOP		1.96	220.62
0+00 W/y Guide				
S CL	TOP		1.87	220.71
S Pav			2.1	220.47
C "			1.57	221.01
N "			0.78	221.80
N CB	TOP		0.28	222.30
	0+10			
N			1.4	221.2
C			2.1	220.5
S			2.7	219.9
	0+20			
S			3.6	219.0
C			3.0	219.6
N			2.8	219.8
	0+50			
N			6.5	216.1
C			4.0	216.6

		222.58		
S			6.3	216.3
	0+75			
-20			9.4	213.2
S			8.2	214.4
C			7.7	214.9
+6			10.5	212.1
N			10.8	211.8
+20			9.5	213.1
	0+95			
-20			11.4	211.2
N			14.5	208.1
C			14.6	208.0
+8			14.6	208.0
S			12.4	210.2
+10			8.8	213.8
+20			10.1	212.5
T.P.	0.44	210.46 ✓	12.56	210.02
	1+30			
S -20			5.8	204.7

		210.46			
−15			6.8	203.7	
S			6.3	204.2	
C			6.5	204.0	
N			4.6	205.9	
+20			0.0	210.5	
	1+55				
−20			4.1	206.4	
N			7.9	202.6	
C			10.0	200.5	
S			11.2	299.3	
+20			12.4	298.1	
T.P.	0.12	197.93	12.65	197.81	
	1+80				
−20			3.6	194.3	
S			3.0	194.9	
C			2.4	195.5	
N			1.4	196.5	
+20			0.5	197.4	

		197.93			
	2+10				
−20			5.3	192.6	
N			6.4	191.5	
C			7.2	190.7	
S			6.7	191.2	
+20			7.0	190.9	
	2+41.35 & 2+41.29			= Add. Line Pueblo Line	
−20			10.3	187.6	
S			11.2	186.7	
C	on most Sly Hub		11.26	186.67	2"x2" RW
N			10.7	187.2	
+10			13.8	184.1	
+20			14.2	183.7	
T.P.	0.21	185.44	12.70	185.23	
	2+70				
−20			7.2	178.2	
N			3.5	181.9	
C			2.5	182.9	

		185.44			
S			1.5	183.9	
+20			1.0	184.4	
	2+93				
−20			9.5	175.9	
S			8.8	176.6	
C			8.8	176.6	
N			9.0	176.4	
+20			10.0	175.4	
	3+10				
−20			10.9	174.5	
N			11.1	174.3	
C			10.9	174.5	
S			10.9	174.5	
+20			11.4	174.0	
+50			10.3	175.1	
+60			10.0	175.4	
+75	Top Sisson Lot		5.0	180.4	
	3+40				
−55	Top Sisson Lot		5.0	180.4	
−40	Toe fill		12.5	172.9	

		185.44			
S			12.5	172.9	
C			12.7	172.7	
N			12.1	173.3	
+50			9.5	175.9	
+100			3.0	172.4	
	3+85				
−60			7.4	178.0	
−45			12.0	173.4	
N			13.0	172.4	
C			13.3	172.1	
S			13.5	171.9	
+30	Center of Lake which overflows		14.0	171.4	Wly over sidewalk and curb
+80			13.2	172.2	on N.E. Cor. Del Mar + Froude
	4+10				
−50			11.8	173.6	
−25			10.2	175.2	
S			11.7	173.7	
C			12.0	173.4	
N			10.5	174.9	
+25			11.3	174.1	

		185.44		
N +60			10.0	175.4
N +75			4.4	181.0
	4+25			
-25			10.3	175.1
-8			9.6	175.8
N			8.0	177.4
C			8.2	177.2
+5			8.2	177.2
S			5.0	180.4
+20			5.1	180.3
	4+40			
-20			+2.5	187.9
-10			+4.5	189.9
S			0.0	185.4
C			1.7	183.7
N			6.3	179.1
+20			8.4	177.0
	4+41			
-20			8.4	177.0
N			8.2	177.2

		185.44		
C			7.6	177.8
S			+1.5	186.9
+10			+10.0	195.4
+20			+4.0	189.4
T.P.	12.07	196.33 ✓	1.13	184.31
	4+55			
-15			2.1	194.2
S			3.1	193.2
C			8.6	187.7
N			11.4	184.9
+20			17.6	178.7
	4+65			
-20			14.4	181.7
N			7.2	189.1
C			1.6	194.9
S			1.9	194.4
+15			2.5	193.8

		196.33		
	4+76			
-15			2.6	193.7
S			2.8	193.5
C			1.3	195.0
N			1.6	194.7
+5			7.0	189.3
+15			10.3	186.0
	4+85			
-15			7.6	188.9
N			3.6	192.7
C			4.0	192.3
S			5.1	191.2
+15			5.6	190.7
	5+05			
-15			5.6	190.9
S			2.9	193.4
C			2.7	193.6
N			2.1	194.2
+15			1.0	195.3

		196.33		
	5+35			
-10			3.6	192.7
N			3.9	192.4
C			4.5	191.8
S			4.7	191.6
+10			5.6	190.9
	5+65			
-10			6.3	190.0
S			5.2	191.1
C			4.5	191.8
N			3.6	192.7
+10			3.0	193.3
	5+97			
N			6.5	189.8
C			7.9	188.4
S			8.2	188.1
T.P.	3.15	187.47	12.01	184.37

187.47

5+99.99 Fly Froude

S Top cb	5.19	182.28	
S Pav.	5.32	182.15	
C "	4.85	182.62	
N "	4.13	183.34	
N Top cb	3.80	183.67	

12' W½ E cb Line Froude

N Pav.	4.36	183.11	
C "	5.11	182.36	
S "	5.88	181.59	
Coronado + Froude S.E. Cor cb P.C. 10' S of S.L.	5.27	182.20 ✓	Top
opposite ↓ SW cb PC 10' S of S.L.	6.20	181.27 ✓	

187.47

T.P.	0.38	180.43	7.42	180.05	
T.P.	0.45	167.81	13.07	167.36	
T.P.	0.12	155.39	12.54	155.27	
T.P.	0.73	143.46	12.66	142.73	
T.P.	0.46	131.26	12.66	130.80	
T.P.	0.15	118.77	12.66	118.62	
T.P.	1.34	107.24	12.89	105.88	
S.E. Top Hyd. Coronado + Ebers		9.08	98.16 ✓		97.97 / 0.19
Con. Mon. BP S.W. cor. Coronado + Ebers		11.62	95.62 ✓		95.42 / 0.20

Feb/23-1940
From Time Sheet

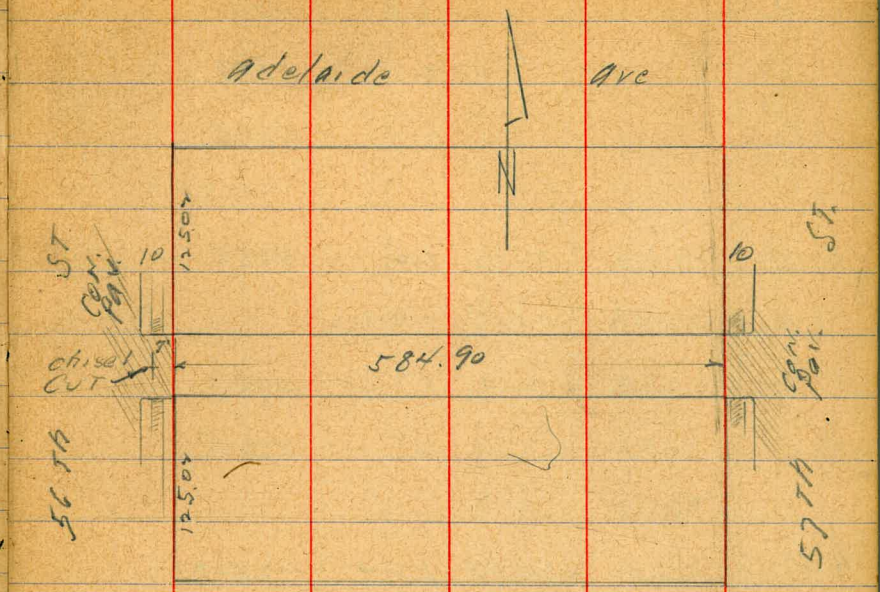
INDEXED
EFB

698

1/sec alley 20 wide

Blk 2 Monte Mar Vista

NE BP	0.06	437.83		437.77	El Cajon 56 Th
T.P.	2.53	428.04	12.36	425.49	
NW C.T.	56 Th Adelaide		2.97	425.05 GM	424.89 0.16
	0+10 = E 56 Th				
N	Pav		5.30	422.72	
S	"		5.00	422.58	
	0+0				
S	cb		4.76	423.26	
S	Pav		5.04	423.00	
C	"		5.05	422.99	
N	"		4.79	423.25	
N	cb		4.55	423.49	
	0+05				
N			5.2	424.80	
+			4.0	424.0	
C			4.2	423.8	



		428.02			
+5			3.9	424.1	
+7			2.3	425.7	
S			2.2	425.8	
S			1.2	426.8	
+ 0.8	Tel. P.	10"			
C			1.7	426.3	
N			1.5	426.5	
T.P.	12.05	438.98	1.09	426.93	
0+50					
N			10.8	428.2	
C			10.8	428.2	
S			10.9	428.1	
0+75					
S			9.1	429.9	
C			8.9	430.9	
N			9.0	430.0	

		438.98			
0+98	S +0.8	12" P.P.			
1+06					
−8.8	WL 4 car gar.		6.12	432.86	CCM
−5.9	"	apron	6.22	432.76	"
S			6.6	432.4	
C			6.9	432.1	
N			7.2	431.8	
1+45					
N			4.6	434.4	
C			4.6	434.4	
S			5.1	433.9	
+5.9	EL apron		6.15	432.83	"
+8.8	" 4 car gar.		6.03	432.95	"
1+75					
S			3.4	435.6	
C			2.8	436.2	
N			2.9	436.1	
2+95	S +0.6	12" P.P.			

438.98

	2+00				
N			1.4	437.9	
C			1.5	437.5	
S			1.5	437.5	
TP	4.56	445.36	0.18	438.80	
	2+50				
S			5.6	439.8	
C			5.8	439.6	
N			5.4	439.8	
	2+92				
N			5.0	440.4	
C			5.4	439.8	
	2+94 12" PP.				
S			5.4	440.0	
	3+25				
S-10			7.0	438.4	
S			6.7	438.7	
C			6.4	438.8	

445.36

N		4.7	440.7	
	3+50			
N		6.4	439.0	
C		7.8	437.6	
S		8.4	437.0	
+5		8.8	436.6	
	3+89			
-10		11.8	433.6	
S		10.7	434.7	
	+04 12" PP			
C		9.1	436.3	
N beg. Rockwall		6.0	439.4	ground
N Top " "		2.75	442.61	
	4+19			
-7 W.L gar. conc.		2.94	442.42	W. entrance from Adelaide
N Top wall		3.6	441.74	
N Bot "		7.1	438.3	garage entrance
N ground		5.3	440.1	
C		8.9	436.5	

		445.36			
S			10.2	435.2	
+10			11.0	434.4	
	4+38				
-10			11.4	434.0	
S			10.1	435.3	
C			8.7	436.7	
N	ground		6.1	439.1	
N	E.L. gar.	Cl.	3.27	442.09	cem. Cl. end rock wall
	4+60				
N			6.7	438.2	
C			8.8	436.6	
+7			8.9	436.5	
S			10.6	434.8	
+10			12.0	433.4	
	4+87	S + 0.4	12° PP		
	5+00				
-10			10.5	434.8	
S			9.7	435.7	
C			8.0	437.4	

		445.36			
N			7.0	438.4	
	5+36				
N	Top beg. Rock wall		5.30	440.06	
N			6.7	438.7	
C			8.7	436.6	
S			9.6	435.8	
+10			10.5	434.9	
	5+79				
-10			12.3	433.1	
S			10.5	434.9	
C			8.8	436.6	
N			7.4	438.0	
N	Top end wall		5.74	439.62	B.C. Lt.
T.P.	414	441.76	7.74	437.62	
	5+84.90	WL	57 TB		
N.	cb		5.59	436.17	
N	pav		6.14	435.62	

	441.76		
C	Pav.	7.35	434.41
S	"	8.86	432.90
S	c6	8.78	432.98
	W c6 57th		
S	Pav.	9.50	432.26
C	"	7.88	433.88
N	"	6.20	435.56

Please check to Profile.

4+87 to 5+30

10 century Plants in alley on North

B.M.s

Fairmt & Clark	329.97	SW Cor.	Spk in pole.
Copeland & Honard	335.82	SW. Cor.	" " "
Conklin Chatham -	292.89	Reg N.E	Cor.
Bradt. Honard -	329.24	Spike	in green phone pole. N of N. Line Honard between Reed & Bradt.
Chatham Sisson.	306.34	E of Sisson -	No. line Chatham Spk in pole.
Wilson Honard -	326.68	N.L. Honard	at alley bet Wilson & Story - Spk in pole.

ENGINEERING DEPARTMENT,
CITY OF EAST SAN DIEGO.
CALIFORNIA.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MADE IN GERMANY.