East San Diego

Cross Sections.

Book No. 9.

FIELD BOOK

385

F.B. 19

OFFICE OF THE CITY ENGINEER
EAST SAN DIEGO CAL.

MICROFILMED
DEC 2 1964

19

Pages

Reed

Bradt

61 - Storey - (Part Storey in L.B. 10)

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Culvert Steiner Bradt 48

East San Diego
Copeland Ave. Cross-Sec.

Sta	+S	H.I.	-S.	El.
	9.35	351.86		342.51
S. line Castle			9.50	42.4
E 40			8.50	43.4
W 40			8.60	43.3
Int.			9.10	42.8
E 40			8.90	43.0
W 40			8.60	43.3
0+00			8.00	43.9
E 18			8.60	43.3
20			8.20	43.7
40			8.40	43.5
W 18			9.00	42.9
20			8.70	43.2
40			8.80	43.1
0+50			7.40	44.5
E 18			8.20	43.7
20			7.60	44.3
40			7.50	43.4 ~~43.6~~
W 18			8.20	43.7
20			7.80	44.1
40			7.80	44.1

Use Elevations
Book 8

2/13/13 3

Hagerty
Fisher
Keep Fair.

B.M. S.W. Cor.
Copeland & Castle.

N.B. No Curb or
Walk in.

Int. Castle & Copeland

N. Line Castle

Copeland Ave. (Cont)

Sta.	+S	H.I.	-S	El.
1+00		35.86	6.90	34.50
E 18			7.60	44.3
20			7.00	44.9
40			6.80	45.1
W 18			7.70	44.2
20			7.30	44.6
40			7.20	44.7
1+50			6.10	45.8
E 18			6.70	45.2
20			6.00	45.9
40			6.10	45.8
W 18			6.90	45.0
20			6.40	45.5
40			6.30	45.6
			~~55~~	
2+00			5.50	46.4
E 18			6.00	45.9
20			5.60	46.3
40			5.50	46.4
W 18			6.30	45.6
20			5.80	46.1
40			5.70	46.2

New Elevations
Book 8

Copeland Ave (Cont)

	+S	H.I.	-S	El.
2+50		351.86	4.8	347.1
E 18			5.4	46.5
20			4.8	47.1
40			4.8	47.1
W 18			5.6	46.3 ~~46.5~~
20			5.1	46.8
40			5.0	46.9
3+00			4.0	47.9
E 18			4.8	47.1
20			4.2	47.7
40			3.8	48.1
W 18			5.1	46.8
20			4.7	47.2
40			4.6	47.3
3+50			3.0	48.9
E 18			4.1	47.8
20			3.4	48.5
40			3.2	48.7
W 18			4.0	47.9
20			3.5	48.4
40			3.7	48.2

Copeland St. (Cont)

	+S	H.I.	-S	El
				349.1
4+00		351.86	2.80	~~349.9~~
E 18			3.40	48.5
20			2.90	49.0
40			2.60	49.3
W 18			3.50	48.4
20			3.30	48.6
40			3.20	48.7
4+50			1.50	50.4
E 18			2.20	49.7
20			1.50	50.4
40			1.30	50.6
W 18			2.90	49.0
20			2.40	49.5
W 40			2.40	49.5
5+00			0.80	51.1
E 18			1.40	50.5
20			0.90	51.0
40			0.70	51.2
W 18			1.60	50.3
20			1.30	50.6
40			1.30	50.6
T.P.	10.07	361.01	0.92	350.94

Copeland St. (Cont)

	+S	H.I.	-S	El.	
		361.01 = ~~360.01~~ =			
5+50			9.00	~~354.0~~	352.0
E 18			9.50	~~50.5~~	51.5
20			8.80	~~51.2~~	52.2
40			8.80	~~51.2~~	52.2
W 18			10.20	~~49.8~~	50.8
20			9.60	~~50.4~~	51.4
40			9.50	~~50.5~~	51.5
6+00			9.00	~~51.0~~	52.0
E 18			8.70	~~51.3~~	52.3
20			8.20	~~51.8~~	52.8
40			7.80	~~52.2~~	53.2
W 18			9.20	~~50.8~~	51.8
20			8.80	~~51.2~~	52.2
40			8.60	~~51.4~~	52.4
6+40			7.30	~~52.7~~	53.7
E 18			8.10	~~51.9~~	52.9
20			7.60	~~52.4~~	53.4
40			7.30	~~52.7~~	53.7
W 18			8.50	~~51.5~~	52.5
20			7.90	~~52.1~~	53.1
40			8.40	~~51.6~~	52.6

(2.) N Line Klauber St

Int Klauber x Cope

Copeland St. (Cont)

	+	H.I.	-S	El.	
6+80 = 0+00		361.01 ~~360.01~~	7.00	~~353.0~~	354.0
E 18			7.50	~~52.5~~	53.5
20			7.20	~~52.8~~	53.8
40			6.80	~~53.2~~	54.2
W 18			7.90	~~52.1~~	53.1
20			7.40	~~52.6~~	53.6
40			7.60	~~52.4~~	53.4
0+50			6.50	~~53.5~~	54.5
E 18			7.30	~~52.7~~	53.7
20			6.90	~~53.1~~	54.1
40			6.70	~~53.3~~	54.3
W 18			7.50	~~52.5~~	53.5
20			7.20	~~52.8~~	53.8
40			7.20	~~52.8~~	53.8
1+00			6.40	54.6	54.6
E 18			7.00	~~53.0~~	54.0
20			6.50	~~53.5~~	54.5
40			6.30	~~52.7~~	54.7
W 18			7.20	~~52.4~~	53.8
20			6.90	~~53.1~~	54.1
40			6.70	~~53.3~~	54.3

Int. N. Line Klauber

Copeland St (Cont)

	+S	H.I.	-S	E.I.	
		361.01 ~~360.01~~			
1+50			5.90	~~54.1~~	355.1
E 18			6.60	~~53.4~~	54.4
20			6.10	~~53.9~~	54.9
40			6.30	~~53.7~~	54.7
W 18			6.70	~~53.3~~	54.3
20			6.50	~~53.5~~	54.5
40			6.20	~~53.8~~	54.8
2+00			6.00	~~54.0~~	55.0
E 18			6.60	~~53.4~~	54.4
20			6.00	~~54.0~~	55.0
40			5.90	~~54.1~~	55.1
W 18			6.90	~~53.1~~	54.1
20			6.60	~~53.4~~	54.4
40			6.20	~~53.8~~	54.8
2+50			5.50	~~54.5~~	55.5
E 18			6.20	~~53.8~~	54.8
20			5.50	~~54.5~~	55.5
40			5.60	~~54.4~~	55.4
W 18			6.50	~~53.5~~	54.5
20			6.00	~~54.0~~	55.0
40			6.10	~~53.9~~	54.9

Copeland St. (Cont)

	+S	H.I.	-S	El.	
		361.01 ~~360.01~~			
3+00			5.30	~~54.7~~	355.7
E 18			6.00	~~54.0~~	55.0
20			5.40	~~54.6~~	55.6
40			5.40	~~54.6~~	55.6
W 18			6.30	~~53.7~~	54.7
20			5.70	~~54.3~~	55.3
40			6.00	~~54.0~~	55.0
3+50			5.00	~~55.0~~	56.0
E 18			5.80	~~54.2~~	55.2
20			5.20	~~54.8~~	55.8
40			5.40	~~54.6~~	55.6
W 18			6.00	~~54.0~~	55.0
20			5.60	~~54.4~~	55.4
40			5.70	~~54.3~~	55.3
4+00			5.00	~~55.0~~	56.0
E 18			5.90	~~54.1~~	55.1
20			5.10	~~54.9~~	55.9
40			5.10	~~54.9~~	55.9
W 18			6.00	~~54.0~~	55.0
20			5.50	~~54.5~~	55.5
40			5.70	~~54.3~~	55.3

Copeland St. (Cont)

Sta	+S	H.I.	-S	El.	
		361.01 ~~360.01~~			
4+50			4.90	~~55.1~~	356.1
E Curb			5.14	~~54.87~~	55.9
Cut			5.90	~~54.1~~	55.1
40			5.00	~~55.0~~	56.0
W Cut			5.50	~~54.5~~	55.5
Curb			5.17	~~54.84~~	55.8
40			5.00	~~55.0~~	56.0
5+00			4.80	~~55.2~~	56.2
E 16			5.60	~~54.4~~	55.4
20			5.10	~~54.9~~	55.9
40			5.10	~~54.9~~	55.9
W 18			5.50	~~54.5~~	55.5
Curb			5.10	~~54.9~~	55.9
40			5.10	~~54.9~~	55.9
5+50			4.40	~~55.6~~	56.6
E 18			5.50	~~54.5~~	55.5
20			5.00	~~55.0~~	56.0
40			4.80	~~55.2~~	56.2
W 18			5.40	~~54.6~~	55.6
20			4.80	~~55.2~~	56.2
40			5.00	~~55.0~~	56.0

N.B. Curb in for 60' each side of street.

Copeland St. (Cont)

	+S	H.I.	−S	El.		
6+00		361.01	4.30	~~57.7~~	356.7	S. line University
E18			5.00	56.0		
20			4.50	56.5		
40			4.50	56.5		
W18			5.20	55.8		
20			4.60	56.4		
40			4.60	56.4		
6+40			4.10	56.9		Int. & Uni. & Cope.
E 40			3.90	57.1		
W 40			4.50	56.5		
6+80			3.80	57.2		N. Line Uni.
E 18			4.30	56.7		
20			3.90	57.1		
40			3.70	57.3		
W 40			4.10	56.9		
B.M.	3.[illegible]		3.74	357.27		

N.B. N. side of Copeland not graded N. of University N.E. Cor. Uni. & Copeland Spk. in Tel. Pole. El. 357.16

2/3/13

Hagerty
Fisher
Keep Fair

Conklin St.

	+S.	H.I.	-S	El.	Refer to Sheet. 32	
	6.03	337.12		331.09		BM S.W. Cor. Conklin + Howard El. 331.09
S Line Howard			6.90	330.2	330.5	S. line Howard
E 40			7.60	29.5		
W 40			6.80	30.3	330.5	
℄ Howard			6.70	30.4		℄ Howard
E 40			7.10	30.0	330.75	
W 40			6.50	30.6		
0+00			6.30	30.8		N. Line Howard
E 40			6.70	30.4	331.0	
W 40			6.40	30.7	331.0	
0+50			5.70	31.4	331.46	N.B. Conklin Ave not Graded here
E 40			6.60	30.5		
W 40			5.90	31.2		
1+00			5.60	31.5	331.97	
E 40			6.10	31.0		
W 40			5.30	31.8		
1+50			5.10	32.0	332.37	
E 40			5.20	31.9		
W 40			4.80	32.3		

Conklin Ave (Cont)

	+S	H.I.	-S	El.	
1+80		337.12	4.30	332.8	332.64
E40			5.10	32.0	
W40			4.60	32.5	
2+00			4.60	32.5	332.83
E40			4.60	32.5	
W40			4.60	32.5	
2+50			4.10	33.0	333.29
E40			3.60	33.5	
W40			3.50	33.6	
3+00			2.70	34.4	333.75
E40			2.60	34.5	
W40			3.10	34.0	
3+50			2.30	34.8	334.21
E40			2.00	35.1	
W40			2.70	34.4	
4+00			0.30	36.8	334.67
E40			0.30	36.8	
W40			1.80	35.3	
T.P.	11.87	347.29	1.70	335.42	

Conklin Ave (Cont.)

	+S	H.I.	-S	El.		
4+50		347.29	9.60	337.7	335.12	
E40			8.60	338.7		
W40			10.90	36.4		
5+00			8.80	38.5	335.58	
E40			8.00	39.3		
W40			9.90	37.4		
5+50			7.60	39.7	336.04	
E40			7.00	40.3		
W40			9.10	38.2		
6+00			7.30	40.0		S. Line Castle
E40			7.00	40.3	336.5	
W40			9.40	38.9	336.5	
6+40			6.40	40.5		℄ Castle & Conklin
E40			6.20	41.1	336.75	
W40			8.50	39.3		
6+80 = 0+00			6.70	40.6		N. Line Castle
E40			5.80	41.5	337.0	
W40			7.40	39.5	337.0	
B.M.			8.00	39.3		S.W. Cor Castle & Conk Spk in Post

Conklin Ave (Cont)

	+S	H.I.	-S	El.		
0+50		347.29	5.40	341.9		337.21
E40			5.00	342.3		
W40			8.00	~~335.3~~	339.3	
1+00			6.20	341.1		337.42
E40			4.70	~~300.3~~	342.6	
W40			7.10	340.2		
1+50			5.70	41.6		337.62
E40			4.80	~~41.5~~	42.5	
W40			6.70	40.6		
2+00			5.00	42.3		337.83
E40			4.10	43.2		
W40			6.70	40.6		
2+50			4.90	42.4		338.04
E40			4.00	43.3		
W40			6.60	40.7		
3+00			5.00	42.3		338.25
E40			3.50	43.8		
W40			7.50	39.8		

Conklin Ave (Cont)

	+S	H.I.	-S	El.		
3+50		347.29	7.00	340.3	338.46	
E40			3.70	43.6		
W40			15.00	32.3		
4+00			7.40	39.9	338.67	
E40			4.40	42.9		
W40			18.00	29.3		
4+50			7.50	39.8	338.87	
E40			5.50	41.8		
W40			13.60	33.7		
T.P.	2.78	344.76	5.31	341.98		
5+00			9.10	35.7	339.08	
E40			4.20	40.6		
W38			15.10	29.7		
W40			19.10	25.7		
W60			19.6	25.2		Bottom at wash
5+50			10.20	34.6	339.29	
E40			6.7	38.1		
W15			13.5	31.3		
T.P.	0.16	332.27	12.65	332.11		

Conklin Ave (Cont.)

	+S	H.I.	-S	El.		
		332.27				
5+50					339.29	
W20	Road		4.9	327.4		
35			4.9	27.4		
40			7.2	25.1		
60			12.7	19.6		
6+00			7.1	25.2		
E15			6.0	26.3		
E40			2.4	29.9	339.5	
W25			5.8	26.5		
W40			8.5	23.8	339.5	
W60			13.8	18.5		Bottom of Wash
B.M.			7.86	324.41		Spk in SW Cor. Klauber & Conklin
6+40			9.5	22.8	339.75	℄ Klauber
E40			7.6	24.7		
W40			11.6	20.7		
W50			14.4	17.9		Bottom of Wash
6+55			13.4	18.9	332.84	" " "
E40			9.8	22.5		Same 60' out
W40			9.7	22.6		
55			7.7	24.6		

Conklin Ave. (Cont)

	+S	H.I.	-S	El.		
6+65		332.27	8.4	323.9	339.86	
E60			11.6	20.7		
E40			11.6	20.7		
W15			4.0	28.3		
W40			4.6	27.7		
W55			3.3	29.0		
6+40 = 0+00			4.0	28.3	340.0	N. Line Klauber.
E40			7.4	24.9		Same out 60' E.
T.P.	11.04	343.20	0.11	332.16		
0+00						
W.40			6.8	36.4	340.0	
0+15			7.1	36.1	340.35	
E 15			8.0	35.2		
40			12.0	31.2		
W 40			2.4	40.8		
0+35			2.4	40.8	340.81	
E 40			4.1	39.1		
W 40			0.0	43.2		
T.P	13.29	356.47	0.02	343.18		

Conklin Ave (Cont)

	+S	H.I.	-S	El.		
0+50		356.47	13.4	43.1	341.17	N.B. Conklin Ave Graded from Klauber to Univer.
E 28			14.6	41.9		
30			14.0	42.5		
40			14.3	42.2		
W 28			13.3	43.2		
30			12.4	44.1		
40			12.0	44.5		
1+00			11.0	45.5	342.33	
E 28			12.2	44.3		
30			11.7	44.8		
40			11.9	44.6		
W 28			11.3	45.2		
30			10.5	46.0		
40			10.2	46.3		
1+50			9.9	46.6	343.50	
E 28			10.8	45.7		
30			10.4	46.1		
40			10.6	45.9		
W 28			9.8	46.7		
30			9.4	47.1		
40			9.1	47.4		

Conklin Ave. (Cont.)

	+S	H.I.	−S	El.	
2+00		356.47	8.9	47.6	344.66
E 28			9.6	46.9	
30			9.2	47.3	
40			9.4	47.1	
W 28			8.8	47.7	
30			8.1	48.4	
40			7.7	48.8	
2+50			7.7	48.8	345.83
E 28			8.6	47.9	
30			8.0	48.5	
40			8.1	48.4	
W 28			8.1	48.4	
30			7.3	49.2	
40			7.3	49.2	
3+00			6.3	50.2	347.00
E 28			7.2	49.3	
30			6.7	49.8	
40			6.8	49.7	
W Gut			7.1	49.4	
Curb			6.50	49.97	
40			6.40	50.1	

Conklin Ave (Cont)

	+S	H.I.	-S	El.	
3+50		356.47	5.1	51.4	348.16
E 28			6.1	50.4	
30			5.4	51.1	
40			5.3	51.2	
W Gut.			6.0	50.5	
Curb			5.60	50.87	
40			5.30	51.2	
4+00			4.6	51.9	349.33
E 28			5.3	51.2	
30			4.8	51.7	
40			4.9	51.6	
W 28			5.4	51.1	
30			4.8	51.7	
40			4.6	51.9	
4+50			4.0	52.5	350.49
E 28			4.8	51.7	
30			4.2	52.3	
40			4.3	52.2	
W 28			5.1	51.4	
30			4.5	52.0	
40			4.1	52.4	

Conklin Ave (Cont.)

	+S	H.I.	-S	El.	
5+00		356.47	3.7	52.8	351.66
E 28			4.4	52.1	
30			3.8	52.7	
40			3.7	52.8	
W 28			4.5	52.0	
30			4.0	52.5	
40			3.9	52.6 ~~53.6~~	
5+50			3.5	53.0 ~~63.0~~	352.83
E 28			4.1	52.4	
30			3.6	52.9	
40			3.4	53.1	
W 28			4.1	52.4	
30			3.6	52.9	
40			3.3	53.2	
6+00			3.1	53.4	354.0
E 28			3.9	52.6	
30			3.3	53.2	
40			3.1	53.4	
W 28			3.5	53.0	
30			3.0	53.5	
40			2.7	53.8	354.0

Refer to Sheet 33

S. Line University

Conklin Ave. (Cont)

	+S	H.I.	−S	El.		
6+40		356.47	2.3	354.2	354.25	℄ University
E 40			2.6	53.9		
W 40			2.1	54.4		
B.M.	1.95	356.47	1.95	354.52		
6+80 ~ 0+00			2.5	54.0	Refer to Sheet 3R,	Spk in Pole N.E. Cor Conklin & Uni. El. 354.53
E 28			3.3	53.2	354.5	N. Line University
30			2.8	53.7		
40			2.8	53.7		
W 28			3.1	53.4		
30			2.3	54.2		
40			1.4	54.7	354.5	
T.P.	5.69	359.46	2.70	353.76		
0+50			5.2	54.3	354.68	
E 23			6.4	53.1		
25			5.9	53.6		
40			5.7	53.8		
W 23			6.2	53.3		
25			5.3	54.2		
40			5.4	54.1		

Conklin Ave (Cont)

	+S	H.I.	-S	El.	
1+00		359.48	5.2	354.3	354.87
E 23			6.2	53.3	
25			5.7	53.8	
40			5.6	53.9	
W 23			6.0	53.5	
25			5.2	54.3	
40			5.4	54.1	
1+50			5.3	54.2	355.05
E 23			6.5	53.0	
25			5.9	53.6	
40			6.0	53.5	
W 23			6.4	53.1	
25			5.5	54.0	
40			5.6	53.9	
2+00			6.2	53.3	355.23
E 23			6.9	52.6	
25			6.2	53.3	
40			7.0	52.5	
W 23			6.7	52.8	
25			6.0	53.5	
40			6.3	53.2	

Conklin Ave. (Cont)

	+S	H.I.	-S	El.	
2+50		359.48	6.5	53.0	355.42
E 23			7.3	52.2	
25			6.6	52.9	
40			7.3	52.2	
W 23			6.5	53.0	
25			6.1	53.4	
40			5.7	53.8	
3+00			6.0	53.5	355.60
E 23			6.9	52.6	
25			6.0	53.5	
40			6.8	52.7	
W 23			6.3	53.2	
25			5.8	53.7	
40			5.8	53.7	
3+50			5.2	54.3	355.78
E 23			6.3	53.2	
25			5.5	54.0	
40			6.4	53.1	
W 23			5.8	53.7	
25			5.3	54.2	
40			5.2	54.3	

Conklin Ave (Cont)

	+S	H.I.	-S	El.	
4+00		359.48	4.5	550	355.97
E 23			5.2	54.3	
25			4.4	~~54.1~~ 55.1	
40			4.4	~~54.1~~ 55.1	
W 23			4.8	54.7	
25			4.4	55.1	
40			4.6	54.9	
4+50			3.6	55.9	356.15
E 23			4.4	55.1	
25			4.0	55.5	
40			4.0	55.5	
W 23			4.2	55.3	
25			3.7	55.8	
40			3.7	55.8	
5+00			3.0	56.5	356.33
E 23			3.8	55.7	
25			3.3	56.2	
40			3.2	56.3	
W 23			3.6	55.9	
25			3.7	56.3	
40			2.9	56.6	

Conklin Ave. (Cont)

	+S	H.I.	-S	El.		
5+50		359.48	2.6	356.9	356.52	
E 23			3.2	56.3		
25			2.8	56.7		
40			2.8	56.7		
W 23			3.2	56.3		
25			2.9	56.6		
W 40			2.6	56.9		
6+00			2.3	57.2	356.7	S. Line Anne St.
E 23			2.3	57.2		
25			2.0	57.5		
40			2.1	57.4		
W 23			2.7	56.8		
25			2.3	57.2		
40			2.3	57.2	356.7	
6+20			1.4	58.1	356.85	℄ Anne St
E 40			1.6	57.9		
W 40			1.7	57.8		
6+40 = 0+00			1.3	58.2	357.0	N. Line Anne St
E 23			1.4	58.1		
E 25			1.2	58.3		
40			1.4	58.1		
W 23			1.6	57.9		

Conklin Ave. (Cont)

	+S	H.I.	−S	E.I.	
W25		359.48	12	358.3	
40			1.9	57.6	357.0
T.P.	7.52	365.99	1.01	358.47	
0+50			7.5	58.5	357.30
E 40			7.4	58.6	
W 40			7.3	58.7	
1+00			7.5	58.5	357.60
E40			7.2	58.8	
W40			7.3	58.7	
1+50			6.9	59.1	357.91
E40			6.8	59.2	
W40			6.6	59.4	
2+00			6.3	59.7	358.21
E40			5.3	60.7	
W40			6.5	~~59.5~~ 59.5	
2+50			5.5	60.5	358.52
E 40			5.5	60.5	
W 40			5.7	60.3	

Conklin Ave (Cont)

	+S	H.I.	-S	El.	
3+00		365.99	4.8	361.2	358.82
E40			4.6	61.4	
W40			5.2	60.8	
3+50			4.6	~~60.4~~ 61.4	359.13
E40			5.0	61.0	
W40			5.0	61.0	
4+00			4.1	61.9	359.43
E40			4.7	61.3	
W40			4.4	61.6	
4+50			4.1	61.9	359.74
E40			4.1	61.9	
W40			4.1	61.9	
5+00			3.9	62.1	360.05
E40			4.7	61.3	
W40			4.4	61.6	
5+50			3.8	62.2	360.35
E40			3.7	62.3	
W40			4.0	62.0	

Conklin Ave (Cont)

	+S	H.I.	-S	El.		
5+75		365.99	3.9	362.1	360.5	S. Line Orange St
E40			3.9	62.1	"	
W40			3.6	62.4		
B.M.			3.01	362.99		SPK. in Tel Pole
6+15			3.45	362.54	360.75	NW Cor Conklin &
E 40			3.45	362.54	℄ Orange St	Orange.
W 40			3.35	362.64		
T.P.	6.61	369.50	3.10	362.99		
Jog in Conklin Ave here						
℄ Orange			6.90	62.6	360.87	
E 30			6.90	62.6		
W 30			6.70	62.8		
0+00			6.9	62.6	361.0	N. Line Orange St
E 30			6.6	62.9		
W 30			6.7	62.8		
0+50			6.4	63.1		
E 30			7.1	62.4		
W 30			6.5	63.0		

Conklin Ave (Cont)

	+S	H.I.	-S	El.
1+00		369.50	6.2	63.3
E 13			6.5	63.0
15			7.0	62.5
30			7.0	62.5
W 30			7.3	62.2
1+50			5.8	63.7
E 13			6.3	63.2
15			6.6	62.9
30			5.7	63.8
W 15			6.0	63.5
W 30			6.3	63.2
2+00			5.5	64.0
E 13			6.3	63.2
15			5.9	63.6
30			5.7	63.8
W 13			6.3	63.2
15			5.7	63.8
30			5.4	64.1
2+50			5.7	64.3
E 13			6.0	63.5
15			5.7	63.8
30			5.9	63.6

Conklin Ave. (Cont)

	+S	H.I.		
W 13		369.50	5.9	63.6
15			5.2	64.3
30			5.6	63.9
3+00			4.8	64.7
E 13			5.9	63.6
15			5.4	64.1
30			5.6	63.9
W 13			5.8	63.7
15			5.0	64.5
30			4.9	64.6
3+50			4.6	64.9
E 13			5.6	63.9
15			5.2	64.3
30			5.1	64.4
W 13			5.6	63.9
15			5.1	64.4
30			4.9	64.6
4+00			4.5	~~64.0~~ 65.0
E 13			5.5	64.0
15			5.2	64.3
30			4.9	64.6

Conklin Ave (Cont)

	+S	H.I.	-S	El
W 13		369.50	5.5	640
15			5.0	64.5
30			4.6	64.9
4+50			4.5	~~64.0~~ 65.0
E 13			5.4	64.1
15			4.6	64.7
30			4.8	64.7
W 13			5.4	64.1
15			5.2	64.3
30			4.7	64.8
5+00			4.5	65.0
E 13			5.6	63.9
15			5.1	64.4
30			5.0	64.5
W 13			5.7	63.8
15			5.2	643
30			4.8	64.7
5+50			4.6	64.9
E 13			5.4	64.1
15			4.1	65.4
30			4.6	64.9
W 13			5.6	63.9

Conklin Ave (Cont)

	+S	H.I.	-S.	El.
W 15		369.50	5.2	64.3
30			5.3	64.2
6+00			4.6	64.9
E 13			5.7	63.8
15			5.4	64.1
30			5.2	64.3
W 13			5.4	64.1
15			5.0	64.5
30			5.2	64.3
B.M.			4.70	364.80

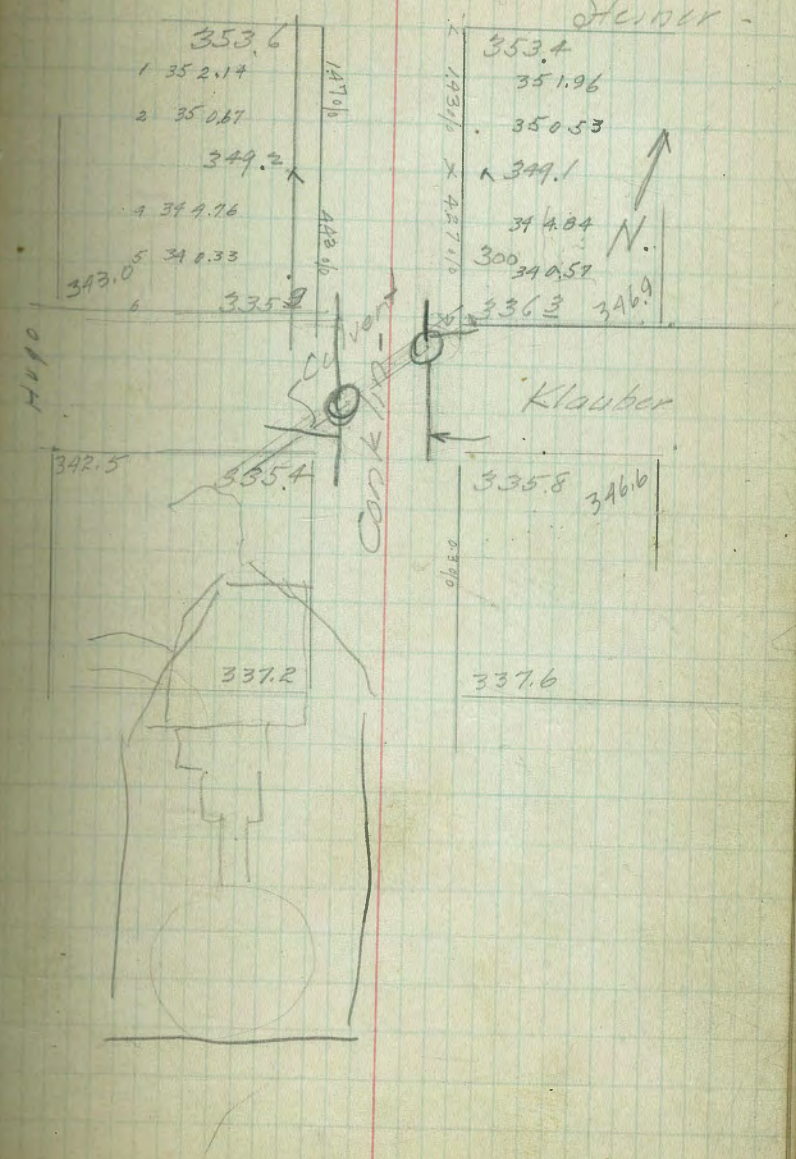
S Line El. Cajon

Refer to Sheet 33

Spk. in Pole SE Cor
Conklin & El. Cajon

Grades - Conklin -
Culvert at Klauber.

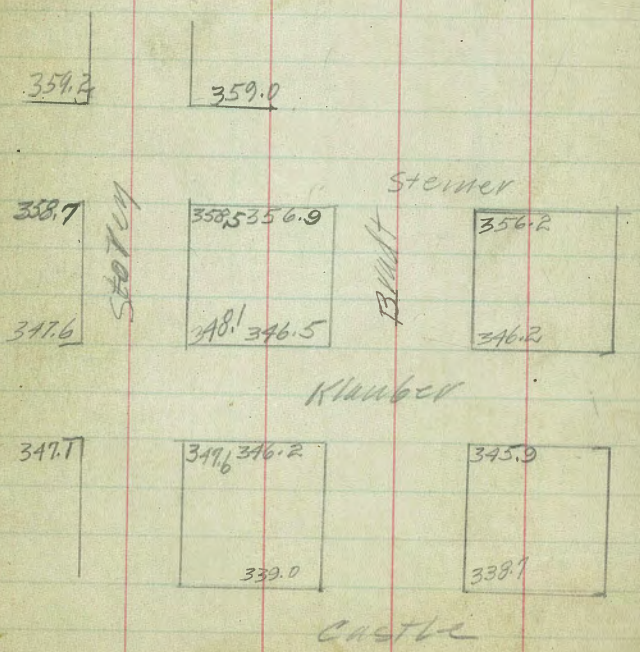
BM 354.530 [Spike Pole] NE

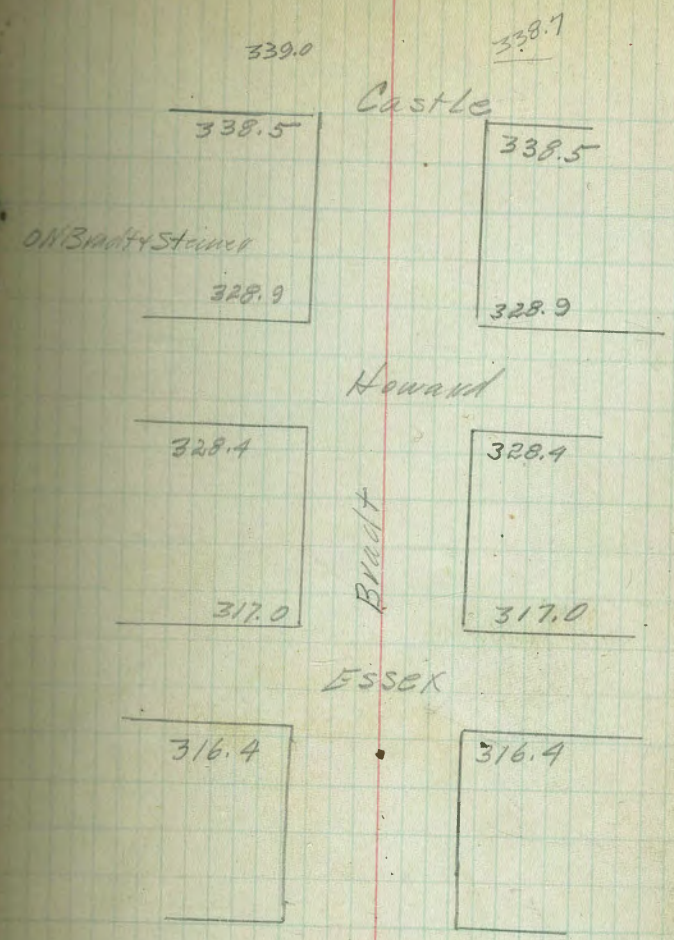


Grades Bradt

Bissell or Book-1- BM ON Steiner 358.360 Spike Pole D81 N.W.

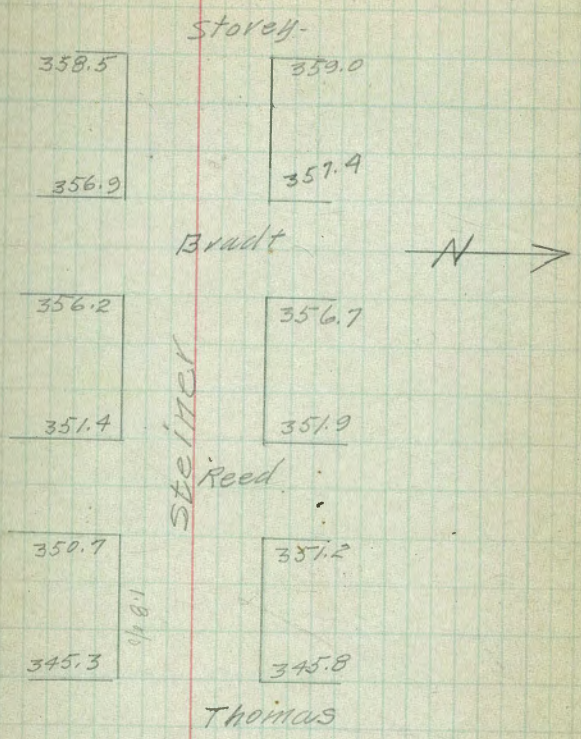
BM Hub 25' SW of SW Howard & Bradt 328.13



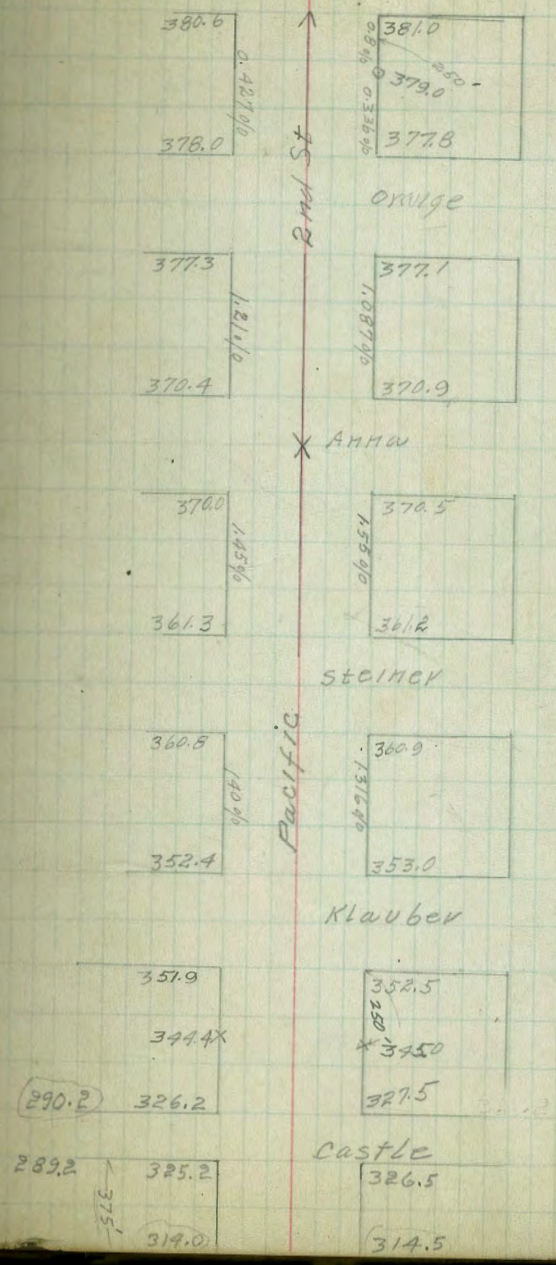


Steiner

from profiles

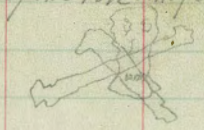


Pacific and 2nd



Reed

(Bissell)
B.M. Spike Pole Alley bet Reed & Bradt 344.57 Klauber



Pole Moved

310 5 | 310 1

Reed.

Essex.

309 9 .9 | 309 5

orange

368.2 | 367.9

360.1 | 359.6

Anna

360.1 | 359.6

351.9 | 351.2

Steiner

351.4 | 350.7

329.0

Thomas

338.9 | 338.5 319.5 | 320.1

Reed

Klauber

338.6 | 338.2 318.9 | 319.5

328.5

332.6 | 332.2

Castle

332.00 .6 | 331.6

320.0 | 319.6 | ℄ Alley 318.1

Howard

319.5 | 319.1 | ℄ Alley 317.6

May 14-1914
Ford
Hyatt
Brown

41

Reed & Steiner
Curb Stakes

BM				350.77	Spike pole NE Reed & Steiner
	4.92	355.69	4.49	351.2	
				350.77	
SE Reed & Steiner	4.74	355.51	4.81	350.70	
138' E Reed	-0.34	350.43	2.21	348.22	

++ - Stakes Conklin Steiner South

BM				353.68	Nail Pole SE Steiner Conklin
Southline Steiner 0+00	2.17	355.85			
1					
2					
3					
4					
TP on 5+00 Left					
5			11.34	344.51	
+50	3.87	348.38			
			12.64	335.74	Nail Pole NW Conklin Klauber
			10.65	337.73	Nail Brace Pole SE Conklin Klauber
Klauber					
1+50	Bet Stocklin & Conklin				
2+00	"				
2+50	"				
Spike Pole BS NW Conklin Klauber	0.33	336.07			
NW Conklin Klauber 0+00					
SW do 0+00					
+50					
1+00					

Copied in New Book June 15-1914 Ford

To	East	Left	Right - West		
					PM May 16-14 Ford Hyatt Brown
00	353.4	2.4 353.4	2.1 353.7	353.6	+01
+1.0	351.96	2.9 352.9	3.4 352.4	352.14	+03
+1.5	350.53	3.8 352.0	4.2 351.6	350.68	+0.9
-0.1	349.1	6.8 349.0	6.2 349.6	49.2	+08
+1.2	344.84	9.8 346.0	7.8 348.0	44.76	+3.2
+3.9	340.57	11.34 344.5	9.8 346.0	40.33	+5.7
+0.5	338.44	9.4 339.0	5.8 342.6	38.12	+6.5

	North	South
	6.0	3.3
		5.8
		11.8
	7.8	
		12.3
		out
		4.1

	+	H I	−	Elev.	
Klauber West Conklin					
1+50		336.07			
SE Conklin Klauber					
3+00					
NE do					
3+00					
Klauber E Conklin					
2+50					
2+00					
BM Page 41				337.73	Spike Brass Cap Conklin-Klauber
West Conklin					
0+50	7.16	344.89			
1+00					
1+50					
		Conklin	Klauber	South	
0+00 SL Klauber		344.89			
1+00					
2					
3					
4					
5					
6					

North	South
	6F
	6.6
15.3	
10.7	
8.4	
6.4	
2.0	
6.0	

East	West
3.0	12.0
1.6	17.3
1.2	4.6
1.6	4.2
2.4	4.6
3.1	5.0

Reed - Stakes to Grade
Steiner South to Castle

Sta	+	H.I.	-	Elev	
B.M.				350.77	NE Reed Steiner spike Rock
SE Steiner Reed	5.10	355.87	5.17	350.7	
SW "			4.47	351.4	
T.P.			9.05	346.82	
NE Klauber Reed	3.13	349.95	11.45	338.5	
NW "			11.05	338.9	

May 20-1914
Ford
Hyatt
Brown-

Stakes set 2' back curb
as previous stakes were so set.

Curb Stakes on Bradt.

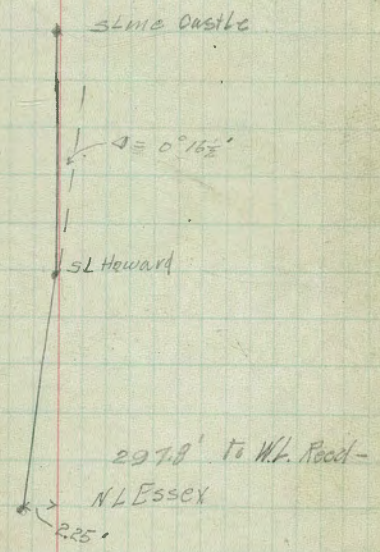
Sta	+	H I	−	Elev	
B.M. (Bissell) SE + SW				339.15	Hub 50' SW of SW Bradt Castle
Bradt + Castle	4.64	343.79	5.29	338.50	C/K O.K.
B.M. ① SW + SE	2.14	340.64	10.26	330.38	
Bradt + Howard	2.54	332.92	4.52	328.40	
B.M. NE + NW	0			330.38	
Brad + Howard	1.93	332.31	3.41	328.90	
T.P.			7.62	324.69	
B.M. NE + NW	1.32	326.01	11.27	314.74	
Brad + Essex	8.02	322.76	5.76	317.00	

May 30-1914
Ford
Brown
Hyatt

Curb Stakes Already Set O.K. Reset Curb Stakes 3' back

On 1x2-0 Hub 28' NW of NW Cor. Howard + Bradt

Nail Post SW Bradt + Essex (Bissell Notes Show ?)



June 8 - 1914
Ford
Grat
Knudtson

Curb Stakes Klauber bet Storey & Reed -

BM (Bissell)				344.57	
SE Bradt Klauber	6.46	351.03	5.15	345.88	SB 345.90
SW Reed Klauber			12.43	338.60	

Spike Pole South Klauber at Alley bet Reed & Bradt

Stakes set 4' Back a/c Poles

June 10 - 1914
Ford
Knudtson
Brown -

Curb Stakes Klauber on North bet Reed & Bradt

BM				344.57	
N.W. Reed Klauber	1.31	345.88	6.98	338.90	

Spike pole SL Klauber Alley Reed & Bradt

Stakes set 3' back -

do

Curb Stakes Castle Reed & Bradt

B.M.				339.15	
NE Bradt Castle	3.85	343.00	4.30	338.7	
North L Castle 150 E Bradt			7.35	335.65	

Book 10 Page 51 Bissell Bench Hub 50 SW of SW Bradt & Castle

Stakes set 3' Back

June 13 - 1914
Ford
Brown
Knudtson

Curb Stakes Howard Reed to Storey

BM				330.38	
Bradt & Howard NW+NE	3.08	333.46	4.56	328.90	
NE Storey Howard			5.46	328.00	
SE "			5.76	327.70	
				327.50	Curb Stake NW Howard Storey
on North 149.85 W Storey	5.20	332.70	7.25	325.45	
Cut stake 5' North 1+00			5.53	327.17	
				327.50	Curb Stake NW Storey Howard
on S.L. Howard 149.85 W Storey	3.32	330.82	5.77	325.05	

Page 44 - Hub 28' NW of NW Bradt & Howard

Grade 326.13 Cut Stake Mkd ℄ 1.1 Ground IS 325.54 -0.6

June 15 - 14
Ford
Brown
Knudtson

June 18
Ford
Hundtsin
Brown

Curb Stakes Castle Reed to Storey

Sta	+	HI	−	Elev	
				339.15	
SE Bradt Castle	5.63	344.78	✓ 6.28	338.5	
				339.15	
NW Bradt Castle	3.82	342.97	3.37	339.00	
NE Storey Castle			✓ 7.37	335.60	

Hub 50' SW of SW Bradt & Castle

June 19-14
Ford
Hundtsin
Brown

Curb Stakes Castle Reed to Storey

				339.15	
BM SL Castle 150' E Bradt	3.75	342.90	✓ 7.65	335.25	
NL Castle 150' E Bradt			✓ 7.25	335.65	

June 19-1914

Curb Stakes Howard Reed to Bradt

				330.38	
BM NL Howard 150' E Bradt	3.14	333.52	✓ 9.07	324.45	
				330.38	
BM SL Howard 150' E Bradt	2.32	332.70	✓ 8.75	323.95	

Hub 28' NW of NW Bradt & Howard

June 13-1914

Curb Stakes Storey Steiner to Klauber

				348.10	
NW Storey Klauber	3.28	351.38	3.78	347.60	
				359.0	
NE Steiner Storey	5.09	364.09	5.05	359.04	+0.04
SW "			✓ 5.39	358.70	
SE "			✓ 5.59	358.50	

Off Curb stake NE Klauber & Storey

Curb Stake NE Steiner & Storey

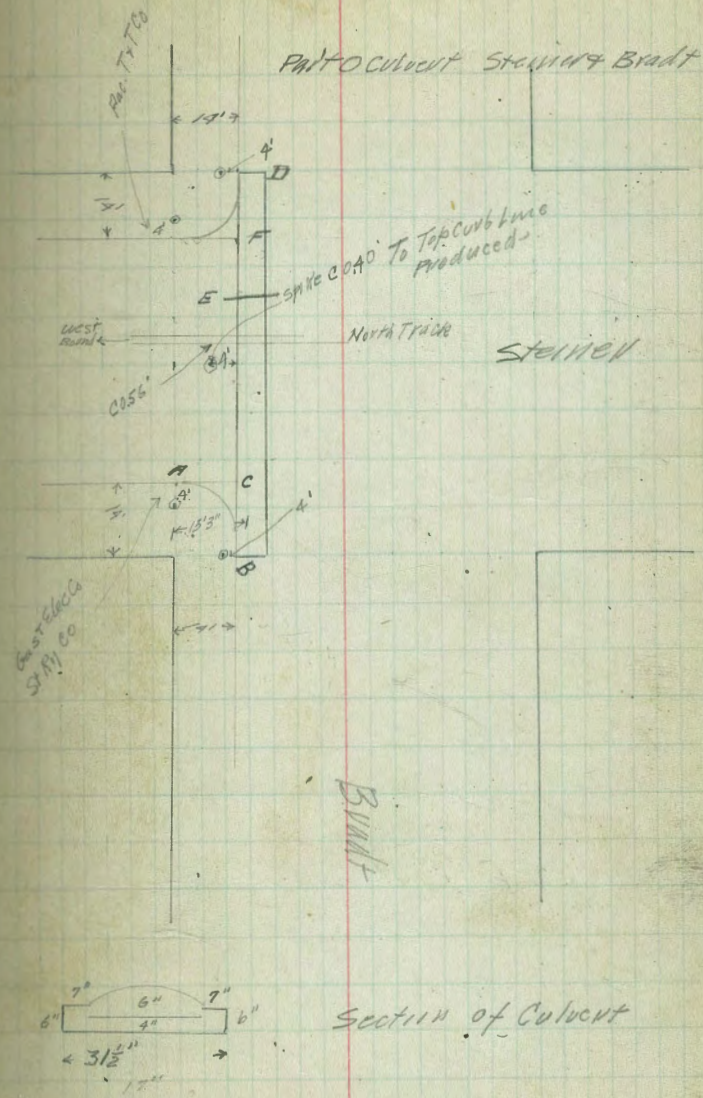
Curb Stakes Storey & Klauber

Sta	+	HI	−	Elev	
				347.10	Curb stake S.W. Klauber Storey
SW Klauber Storey 150' West Storey	4.40	351.50	4.40	347.10	
S.L. Klauber 150W Storey			3.70	347.80	
N.L. Klauber			~~0~~	348.30	
NW Klauber Storey			3.90	347.60	
				347.10	
150'W Storey N.L. Klauber	4.58	351.68	3.38	348.30	

Ford
Knudtson
Graff
July 1-1914

SW Brad't Steiner	5.02		Top Curb
NW		4.57	Top Curb
Grade at A		5.85	Flow Line
Grade at C		6.02	"
" " B		6.10	"
" " D		5.70	"
Top Pipe E		6.10	
Grade F		5.52	"

Pal't O Culvert Steiner & Brad't



Section of Culvert

Curb Stakes Reed
Steiner to Klauber

Sta	+	H I	-	Elev
BM.				350.77
SE Steiner Reed-	5.27	356.04	5.34	350.70
SW "	[illegible]		4.64	351.40
BM				344.57
NW Reed Klauber	-1.73	342.84	3.94	338.90
NE "			4.34	338.50

I Stakes Castle Storey

West L. Storey				334.90
0+00	3.22	338.12		
0+50				
1+00				
1+75				
NW Wilson Castle				

~~Curb Stakes Reed & Klauber~~

N.L. Klauber				338.50
138' East Reed	3.98	342.48	12.72	329.76
SL " " "				329.32
SE Reed Klauber			4.28	338.20
				338.50
SL Klauber 138' E. Reed.	3.47	341.97	12.65	329.32

GP 377

June 25-14
Ford
Knudtson
Graf

Pole N.E Steiner + Reed -

Stakes on West set 3' back

Stakes on East set back 4'

Spike Pole Alley Bet Reed & Bradt South L Klauber

West 175' Revised Grades July 6-1914

On Curb SW	North Storey & Castle		South	Ford Knudtson Graf
		2.8	2.7	
+0.2 335.1	335.3		335.4	334.9 +0.5
		4.0	5.2	
+0.6 334.75	334.1		332.9	334.42 -1.5
		6.1	6.2	
-2.4 334.4	332.0		331.9	333.93 -2.0
		7.2	16.4	
-3.0 333.87	330.9		321.7	333.20 -11.5
		0.5		
333.0	337.6			332.0

On Curb Stake NE Reed & Klauber

3' back on North. 4' back on South.

Dist #23 - Grades Castle Bet Storey & Wilson

Sta	+	HI	−	Elev	
BM				334.61	RR Spike R. SL Castle Post
NW Storey Castle 0+00	6.43	341.04	x 5.84	335.20	S.B. 335.1
NW " " North 0+75			✓ 5.94	335.10	
North 1+50			✓ 6.47	334.57	
SW Storey Castle South 0+75			✓ 6.99	334.05	
South 1+50			✓ 6.14	334.90	
			6.87	334.17	
			-0.5 7.59	333.45	-4.0
BM				334.61	BM - 1st Line This Page
	6.56	341.17	x 5.97	335.20	
NW Storey Castle North 0+75			✓ 6.07	335.10	
North 1+50			✓ 6.60	334.58	
South 1+38			✓ 7.12	334.05	
			✓ 7.04	334.13	
				335.10	Curb Stake
SW Storey Castle South 0+75	3.65	338.75	✓ 3.85	334.90	
South 1+50			✓ 4.58	334.17	
South 1+38	No Fill To Put Stake on - 3' Short			333.45	
			✓ 5.18	333.57	

July 13 - 14
Ford
Grat
Knudtson

North South

1230 P.M. July 15 + 1914
Ford
Knudtson
Grat

Curb Stakes Reed -

Sta	+	H I	-	Elev.
B.M.				339.15
SW Castle Reed	2.47	341.62	✓ 9.62	332.00
SE "			✓ 10.02	331.60
NW "	5.07	336.67	✓ 4.07	332.60
			✓ 4.47	332.20
B.M.				330.38
NW Howard Reed	0.63	331.01	✓ 11.01	320.00
NE "			11.41	319.60

Curb Stakes Castle West Reed -

B M				335.59
NW Reed Castle	2.32	337.91	✓ 5.31	332.60
SW "				332.00
				335.59
NE "	2.21	337.80	5.60	332.20
SE "			6.20	331.60

July 14-1914
Ford
Hendrson
Grat

58' SW of SW Bradt & Castle

on 1x20 Hub 28' NW of NW Bradt & Howard

Ford Knodtson Brown
July 21-1914-

Spike Pole NE Reed & Castle BM Book 1 Page 59-

Check on Sub-grades on Reed

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

Klauber

	W Gutter	1/4	℄	1/4	E Gutter
0+00	+0'2"	+0'2"	-0'3"	+0'2"	+0'2"
1+00	0.0	-0'2"	0.0	-0'1"	+0'2"
2+00	+0'0"	+0'1"	-0'2"	0.0	+0'1"
3+00	+0'2"	+0'1"	0.0	+0'1"	+0'2"
4+00	+0'1"	-0'2"	-0'3"	-0'3"	+0'1"
5+00	+0'1"	-0'3"	-0'3"	-0'2"	+0'2"
6+00	+0'2"	0.0	-0'3"	-0'3"	0.0

Castle

Castle

	W Curb	1/4	℄	1/4	E Curb
0+00	0.0	-0'4"	-0'5"	-0'6"	-0.2"
1+00	0.0	-0'4"	-0.5"	-0'3"	+0'2"
2+00	+0'1"	-0'2"	-0'4"	-0.1"	+0'2"
3+00	0.0	-0'3"	-0'3"	-0.2"	+0'2"
4+00	+0'1"	-0'1"	-0'2"	0.0	+0'2"
5+00	0.0	-0'3"	-0.2"	-0.2"	+0.2"
6+00	+0'2"	+0'2"	-0.4"	-0'2"	+0'2"

Howard

Check on sub-grades for Castle Alley.

	S Curb	1/4	℄	1/4	N Curb
1+90	+0.'4"	0.0	-0.'1"	-0.'1"	+0.'2"
0+70	+0.'3"	-0.'1"	-0.'2"	-0.'3"	0.0
0+00	+0.'2"	0.0	-0.'2"	-0.'2"	-0.'1

Reed

Cut & Fill Stakes Reed Ave.
Howard to Essex.

				319.35	B.M.
S.L. Howard 0+00	1.91	321.26			
0+74			Stakes on West Set 1' inside P.L.		
1+74					
2+00					
2+74					
3+74					
N.L. Essex 4+74			1.10	320.16	T.P.
	10.50	330.66	1.44	329.22	B.M.
			Marked	329.24	

Cut & Fills Howard St. Reed - East & West

				319.35	B.M.
℄ Alley East Reed. 1+50	9.58	328.93			
2+00					
E.L. Reed. 3+00					
W.L. Reed. 0+00					
1+00					
℄ Alley West Reed. 1+50					
			9.02	319.91	End
			Should be	320. .07	

Spike in pole at alley bet Thomas & Reed. S.L. Howard.

	Grade	West	East	Grade	
		2.1	4.0		
−0.3	319.5	319.2	317.3	319.1	−1.8
		1.2	5.5		
+2.0	318.1	320.1	315.8	317.7	−1.9
		1.6	6.8		
+3.5	316.2	319.7	314.5	315.8	−1.3
		1.7			
+4.0	315.6	319.6			
		2.6	6.8		
+4.4	314.3	318.7	314.5	313.9	+0.6
		3.8			
+5.1	312.4	317.5		312.0	
		8.2	8.0		
+2.6	310.5	313.1	313.3	310.1	+3.2

Spike in green telephone pole in alley bet Reed & Bradt N.W.L. Howard.

Hyatt & Brown. Aug 30, 14

In alley bet Reed & Spike in pole		Thomas North	S.L. Howard. South		
		7.9	9.6		
+2.9	318.1	321.0	319.3	317.6	+1.7
		9.0	12.0		
+1.3	318.6	319.9	316.9	318.1	−1.2
			11.6		
	319.6		317.3	318.1	−1.8
		9.0	9.8		
Curb	320	319.9	319.1	319.5	−0.4
		2.5	6.5		
+3.4	322.97	326.4	322.4	322.47	−0.1
			4.7		
	324.45		324.2	323.95	Curb.

at curb N.W. Reed & Howard.

Reed Ave

Checking int at Reed and Howard also ℄ grade from Howard - Essex

B.M.				319.35	in pole on bot. Reed
	4.26	323.61			
				-0.4	
S.W. Reed & Howard Alley N.S.			4.5	319.1	
				+2.9	
bet. Reed & Thomas ℄ opposite			2.6	321.0	
alley 150 East			5.1	318.5	
0+74					
1+74					
2+74					
3+74 N.L. Essex					
4+74					

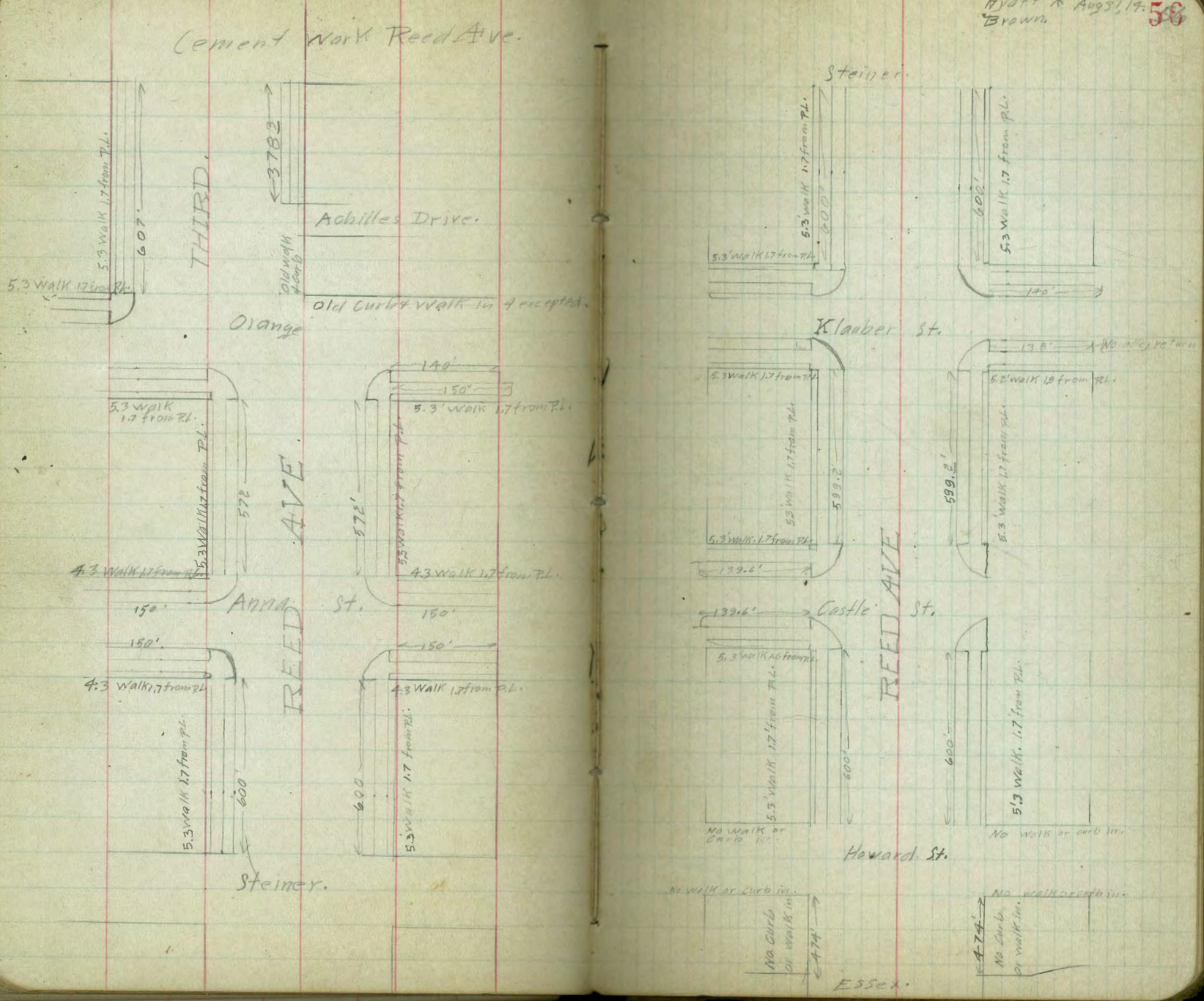
Leckey
Hyatt Sept 10

55

Rod.

Howard —

5.9	
317.7	0.2 above Sub.
7.7	
315.9	316
9.5	
314.1	314.2
11.1	
312.5	312.2
13.2	
310.4	310.3


Cement Work Reed Ave.
THIRD.
3783
Achilles Drive.
5.3 walk 1.7 from P.L.
607'
old walk & curb
old curb & walk in & excepted.
Orange
140'
150'
5.3 walk 1.7 from P.L.
572'
4.3 walk 1.7 from P.L.
150'
Anna St.
REED AVE
150'
4.3 walk 1.7 from P.L.
600'
Steiner.
Steiner.
600'
140'
Klauber St.
138'
No alley return
5.2' walk 1.8 from P.L.
599.2'
139.6'
Castle St.
5.3' walk 1.6 from P.L.
No walk or curb in.
Howard St.
No walk or curb in.
No Curb or walk in.
474'
Essex.

Curb Stakes Reed Howard & Essex

Sta.	+	HI	−	Elev.
B.M.				319.35
SW Reed Howard	534	324.69	✓ 5.19	319.50
SE "			✓ 5.59	319.10
T.P.			8.39	316.30
N.W. Reed Essex	199	318.29	✓ 7.79	310.50
N.E. "			8.19	310.10

Ford
Grat
Knudtson
Sept 11-1914

Spike Pole SL Howard Bet Reed + Thomas

Curb Stakes Howard
E+W of — Reed —

Sta	+	H I	−	Elev
NW Reed Howard				320.00
NW "	10.05			320.00
B.M.				319.35
NE Reed Howard	4.82	324.17	4.57	319.60
N.L. Howard 150 East Reed			6.07	318.10
S.E. Howard Reed			5.07	319.10
S.W. Howard Reed			4.67	319.50
B.M.	3.58	322.93		319.35
			5.33	317.60

Sept 16-1910
Ford
Gunt
Knudsen

Spike Pile St. Howard Bet Reed & Thomas

Spike pole S.L. Howard Bet Reed & Tom

Storey- Ave

Sta	Curb Stakes +	Klauber to Castle- H1	−	Eler	
BM-				348.53	on Stop E S'cut, NE Storey & Klauber
SW Klauber Storey	4.27	352.80	5.70	347.1	
SE "				347.6	
				334.9	Curb stake SW Castle Storey
NE Castle Storey	5.02	339.92	4.32	335.6	
NW "			4.82	335.1	
			0.77	339.15	
B.M.					
	2.32				

June 11-19
Ford
Knudtson
Brown:

61

Book 10 Page 53

Check Grade Story Ave

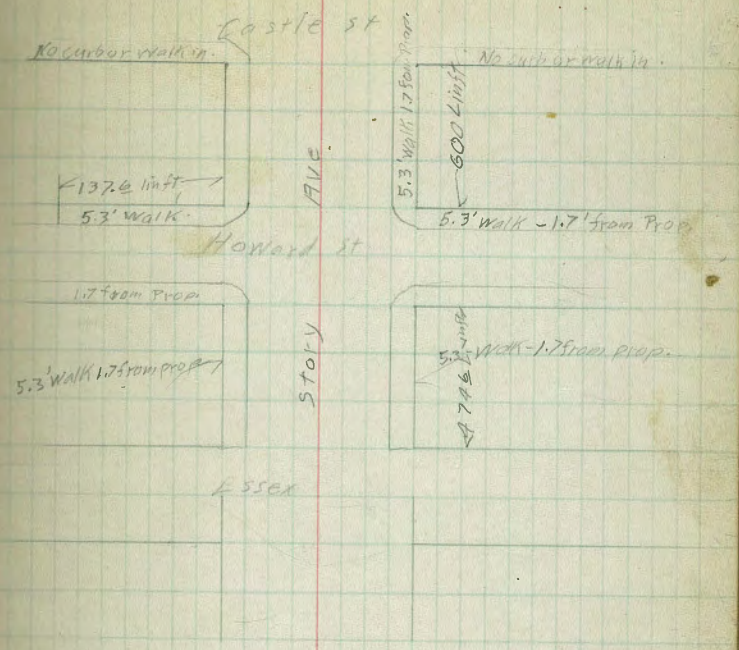
			Elev.		
			373.55	B.M.	Spike in pole N.W. Bradt & Orange.
6.32	379.87	4.79	375.08		Curb return N.E. Story & Orange.
		4.55	375.32		" " N.W. " " "
		1.99.	377.88		" " S.W. " " Cajon.
		2.18	377.69		" " S.E. " " "
		5.30	374.57		" " S.W. " " Orange
		5.82	374.05		" " S.E. " " "
		8.22	371.65	T.P.	On Curb bet Orange & Anna.
2.55	374.20	5.98	368.22		Curb return N.E. Story & Anna.
		5.46	368.74		" " N.W. " " "
		5.94	368.26		" " S.W. " " "
		6.37	367.83		" " S.E. " " "
		9.74	364.46	T.P.	On curb bet Anna & Steiner.
0.81	365.27	5.96	359.31		Curb return N.W. Story & Steiner.
		6.51	358.76		" " S.W. " "
		6.72	358.55		" " S.E. " "
		6.17	359.10		" " N.E. " "
		5.95	359.32	old B.M.	Spike in pole N.E. " "
		9.94	355.33	T.P.	On East Curb bet. Steiner & Klauber.
0.81	356.14	8.08	348.06		Curb return N.E. Story & Klauber.
		8.58	347.56		" " N.W. " "
		9.10	347.04		" " S.W. " "
		8.55	347.59		" " S.E. " "
		11.57	344.57	T.P.	East curb Klauber to Castle.
0.33	344.90	9.26	335.64		Curb return N.E. Story & Castle

Check Grades Story (Con)

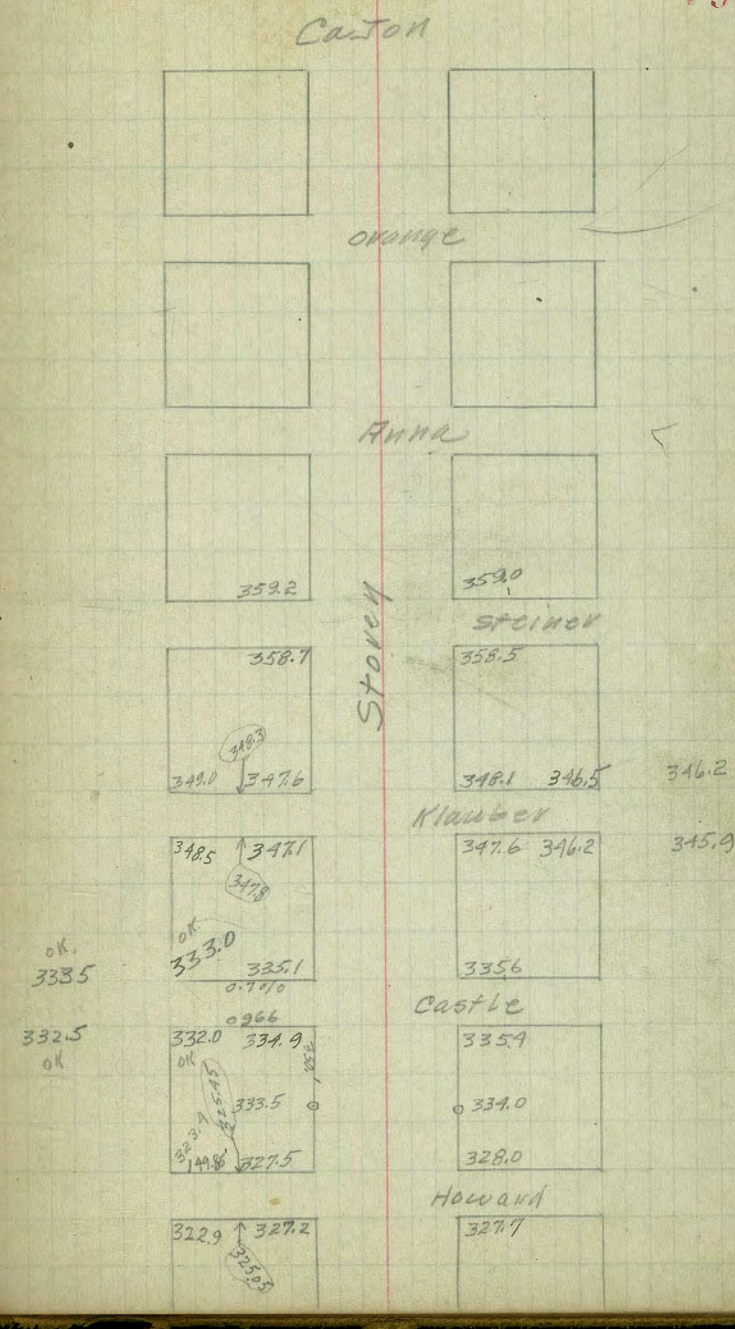
+	H.I.	—	Elev		
	344.90	9.74	335.16		Curb return N.W. Story & Castle.
		10.04	334.86		" " S.W. " "
		9.46	335.44		" " S.E. " "
		10.59	334.31	T.P.	East curb Castle to Howard.
0.30	334.61	1.08	333.53		Break in grade " " West
		0.56	334.05		" " " " " East.
		6.67	327.94		Curb return N.E. Howard & Story
		7.14	327.47		" " N.W. " "
		7.48	327.13		" " S.W. " "
		6.95	227.66		" " S.E. " "
		12.00	322.61	T.P.	East Curb Howard to Essex.
0.82	323.43	7.78	315.65		Break in grade " " " East.
		8.06	315.37		" " " " " " West.
		12.72	310.71	T.P.	West Curb " " "
2.04	312.75	10.04	302.71		End of curb N.W. Story & Essex
		9.56	303.19		" " " N.E. " " "

Hyatt & Brown July 14.

Check Cement Work Story Ave.


Castle St
No curb or walk in.
137.6 lin ft
5.3' walk
Ave
5.3' walk 1.7 from Prop.
600 Lin ft
No curb or walk in.
5.3' walk - 1.7' from Prop.
Howard St
1.7 from Prop.
5.3' walk 1.7 from prop.
Story
5.3' walk - 1.7 from prop.
Essex

B.M. RR Spike Elec Pole
S/Castle Alley bet Fac & Wilson 334.61



3636
80.8

12

595,5
137
358.5

3176
3181
6357
3178

7