1365

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ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

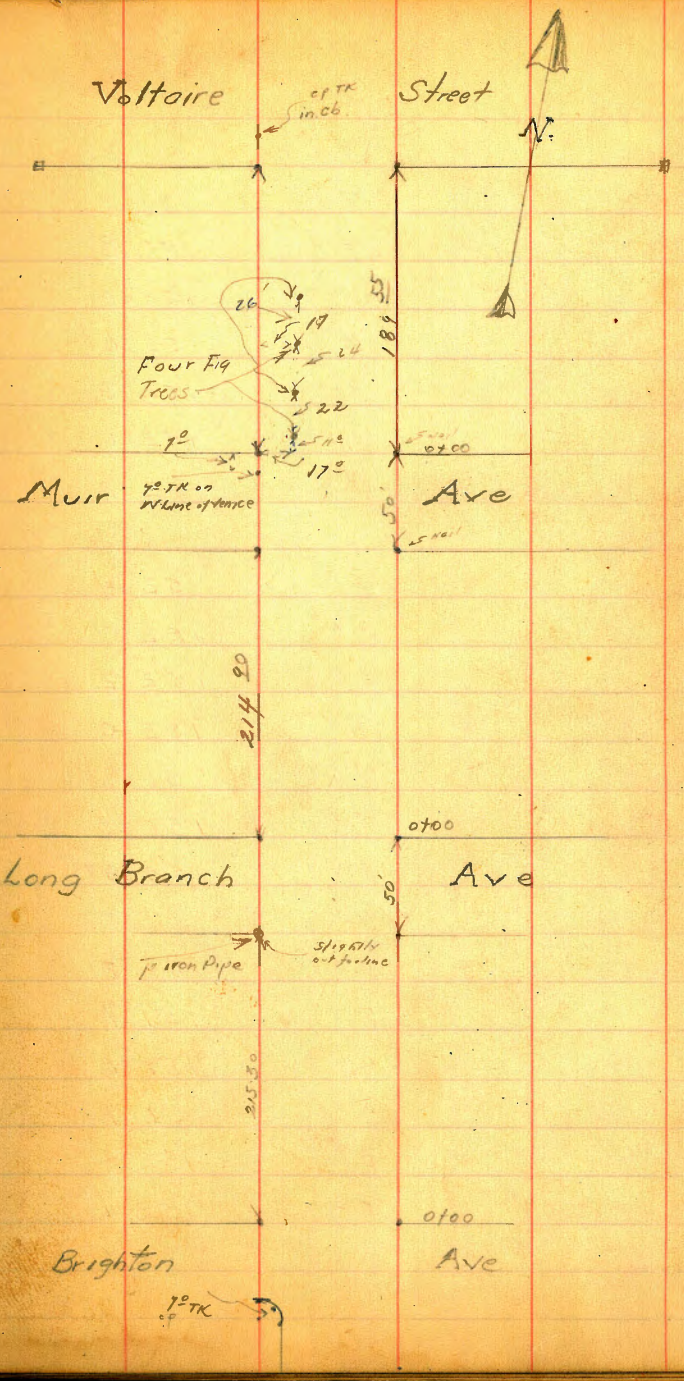
Index

Bill Bliss
Joe Duermit
J. Jacobs 2nd
H. Soper
Sept 25, 1929

X. Section Venice St. from the S Line of Brighton to the S. Line of Voltaire

Plotted 10-8-29 C.B.H.

BM	4.75	156.10	151.35	S.W.B.P. Brighton & Venice
		S. Line Brighton		
W Top cb		4.73	151.37	
E		5.2	150.9	
+3		5.1	151.0	
1/4		4.5	151.6	
E		4.1	152.0	
1/4		4.0	152.1	
+5		3.9	152.2	
+8		3.2	152.9	
E Top cb		3.70	152.40	
+5		3.5	152.6	
E		2.7	153.4	
		9 cb		
E.		3.4	152.7	
cb		3.8	152.3	
+3		3.0	153.1	
+7		3.9	152.2	
1/4		4.0	152.1	
E		4.0	152.1	
1/4		4.4	151.7	
cb		5.3	150.8	
W. in Gutter b. Paving		5.44	150.66	
W		4.75	151.35	



H I
156.10

S 1/4

W	5.28	150.82
cb	4.8	151.3
1/4	4.3	151.8
℄	4.1	152.0
1/4	4.1	152.0
⊥7	3.3	152.8
cb	3.5	152.6
E	3.9	152.2
	℄	
E	3.7	152.4
cb	3.4	152.7
1/4	3.9	152.2
℄	4.1	152.0
1/4	4.5	151.6
cb	4.8	151.3
W	5.23	150.87
	N 1/4	
N	5.39	150.71
cb	5.0	151.1
1/4	4.5	151.6
℄	4.0	152.1
1/4	3.6	152.5
cb	3.0	153.1
E	3.5	152.6

H I
156.10
N cb

E	3.2	152.9
cb	2.8	153.3
1/4	3.4	152.7
℄	3.9	152.2
1/4	4.5	151.6
cb	5.1	151.0
W in Gutter	5.76	150.34
W on Top cb	5.13	150.97
	N Line of Brighton = 00	
W	4.2	151.9
⊥5	4.6	151.5
cb	4.6	151.5
1/4	4.3	151.8
℄	3.4	152.7
1/4	3.5	152.6
cb	3.0	153.1
⊥7	2.7	153.4
E	2.8	153.3
⊥10	3.5	152.6
	0 ⊥10	
-10	4.0	152.1
E	3.2	152.9
⊥3	2.9	153.2
cb	3.4	152.7
1/4	3.5	152.6
℄	3.2	152.9

HI
156.10

+5	4.3	151.8
1/4	4.6	151.5
cb	4.7	151.4
+3	4.3	151.8
+7	3.1	153.0
W	3.1	153.0
	OA 19	
W	2.9	153.2
cb	3.3	152.8
1/4	3.6	152.5
℄	3.2	152.9
+4	3.0	153.1
1/4	3.6	152.5
cb	4.1	152.0
+7	3.5	152.6
E	3.6	152.5
+10	4.4	151.7
	OA 25	
-10	4.9	151.2
E	4.0	152.1
+3	3.9	152.2
cb	4.5	151.6
+7	4.2	151.9
1/4	3.8	152.3
+5	3.0	153.1
℄	3.0	153.1

1/4		
cb		
W		
W		
cb		
1/4		
℄		
1/4		
+6		
cb		
+6		
E		
+15		
-15		
E		
cb		
1/4		
+7		
℄		
1/4		
cb		
+8		
W		

HI
156.10

	3.2	152.9
	3.5	152.6
	3.1	153.0
	OA 50	
	3.8	152.3
	4.0	152.1
	4.2	151.9
	4.3	151.8
	4.6	151.5
	5.4	150.7
	5.7	150.4
	5.9	150.2
	5.6	150.5
	6.7	149.4
	OA 75	
	8.7	147.4
	7.9	148.2
	7.6	148.5
	6.5	149.6
	5.7	150.4
	5.7	150.4
	5.8	150.3
	5.4	150.7
	5.2	150.9
	4.8	151.3

		HI		
		156.10		
			1+00	
W			5.2	150.9
+4			6.5	149.6
cb			7.3	148.8
1/4			7.5	148.6
℄			8.0	148.1
1/4			8.9	147.2
cb			9.7	146.4
E			10.4	145.7
+15			11.1	145.0
			1+25	
-20			14.2	141.9
-5			12.7	143.4
E			13.2	142.9
cb			12.2	143.9
1/4			11.7	144.4
℄			10.5	145.6
1/4			10.0	146.1
cb			9.5	146.6
W			9.0	147.1
			1+50	
W			11.3	144.8
cb			12.0	144.1
1/4			12.4	143.7
+3			13.2	142.9
TP	0.69	143.75	13.04	143.06

		HI		
		143.75		
℄			1.7	142.0
+7			1.6	142.1
1/4			2.4	141.3
cb			3.0	140.7
E			3.4	140.3
+20			4.3	139.4
			1+75	
-20			6.8	136.9
-7			5.9	137.8
E			6.5	137.2
cb			5.9	137.8
1/4			5.5	138.2
℄			4.9	138.8
1/4			3.9	139.8
+5			3.4	140.3
cb			2.4	141.3
W			1.7	142.0
			2+00	
W			4.5	139.2
+1			5.5	138.2
+8			5.8	137.9
cb			6.7	137.0
1/4			7.5	136.2
℄			7.9	135.8
+4			7.7	136.0
1/4			8.7	135.0

HI
143.75

+5		8.7	135.0
+7		9.3	134.4
cb		8.8	134.9
E		8.7	135.0
+20		9.4	134.3
	2+15 $\frac{30}{}$ S Line of Long Branch		50 ist 10 cbs 75 1/8
-20		10.4	133.3
E		10.0	133.7
cb		9.4	134.3
1/4		9.7	134.0
+6		9.8	133.9
℄		9.2	134.5
1/4		9.1	134.6
cb		8.3	135.4
W		7.6	136.1
	S. cb		
W on Top cb		8.28	135.47
W. on Ground		9.0	134.7
cb		9.3	134.4
1/4		9.5	134.2
℄		9.7	134.0
1/4		9.8	133.9
cb		10.2	133.5
E		10.9	132.8
+20		12.4	131.3

HI
143.75
S 1/4

-20	13.1	130.6
-10	11.0	132.7
E	11.5	132.2
cb	11.1	132.6
1/4	10.2	133.5
E	9.8	133.9
1/4	9.4	134.3
cb	9.2	134.5
W	8.9	134.8
℄		
W	9.1	134.6
cb	9.2	134.5
1/4	9.4	134.3
℄	9.8	133.9
1/4	10.6	133.1
cb	12.0	131.7
E	12.2	131.5
+10	12.4	131.3
+15	13.2	130.5
+20	14.1	129.6
N 1/4		
-20	14.4	129.3
-13	13.6	130.1
-16	12.7	131.0
E	13.0	130.7
+5	13.1	130.6

	HI 143.75		
cb		12.4	131.3
1/4		11.3	132.4
℄		10.3	133.4
1/4		9.9	133.8
cb		9.6	134.1
W		9.4	134.3
	N cb		
W. on Top cb		9.30	134.45 ✓
W. on Ground		9.8	133.9
cb		10.3	133.4
1/4		10.8	132.9
℄		11.0	132.7
1/4		11.7	132.0
cb		13.0	130.7
+8		14.0	129.7
E.		13.9	129.8
+10		13.5	130.2
+20		14.7	129.0
	N. Line of Long Branch = 00		
-20		15.8	127.9
-15		14.7	129.0
E		14.8	128.9
cb		13.6	130.1
1/4		13.0	130.7
℄		11.6	132.1
1/4		11.3	132.4

	HI 143.75		
cb		10.5	133.2
W		9.2	134.5
	0+02		
W		9.5	134.2
+6		10.2	133.5
+7		12.5	131.2
cb		12.8	130.9
1/4		13.4	130.3
+5		13.8	129.9
℄		12.4	131.3
1/4		13.2	130.5
cb		14.4	129.3
E		15.1	128.6
+15		14.6	129.1
+20		15.7	128.0
TP.	2.64	133.46	12.93 130.82
	0+15		
-20		5.9	127.6
-10		5.6	127.9
E		5.4	128.1
cb		5.3	128.2
1/4		5.1	128.4
℄		5.1	128.4
1/4		4.1	129.4
+3		2.7	130.8

7

HI
133.46

cb		1.9	131.6
W		0.2	133.3
	0+25		
W		1.3	132.2
+5		1.8	131.7
cb		3.1	130.4
1/4		4.0	129.5
+2		5.3	128.2
℄		6.2	127.3
1/4		6.7	126.8
cb		6.7	126.8
E		6.5	127.0
+10		6.3	127.2
+20		7.1	126.4
	0+40		
-20		7.9	125.6
-10		7.6	125.9
E		8.1	125.4
cb		8.6	124.9
1/4		8.6	124.9
℄		7.9	125.6
+7		7.1	126.4
+9		5.3	128.2
1/4		5.3	128.2
cb		4.7	128.8
W		4.0	129.5

HI
133.46

8

	0+50		
W		5.2	128.3
cb		5.7	127.8
1/4		6.2	127.3
+1		7.6	125.9
℄		8.7	124.8
1/4		9.5	124.0
cb		9.5	124.0
E		9.0	124.5
+10		8.6	124.9
+20		8.9	124.6
	0+75		
-20		11.0	122.5
E		11.1	122.4
cb		11.4	122.1
1/4		11.1	122.4
+6		10.3	123.2
+8		9.3	124.2
℄		8.8	124.7
1/4		8.4	125.1
cb		8.0	125.5
W		7.6	125.9
	1+00		
W		9.9	123.6
cb		10.3	123.2
1/4		10.8	122.7

		HI 133.46		
+8			11.2	122.3
℄			12.4	121.1
1/4			13.3	120.2
cb			13.3	120.2
E			13.4	120.1
+10			12.8	120.7
+20			13.0	120.5
T.P.	1.04	122.65	11.85	121.61
		1+25		
-20			4.7	117.9
-10			4.0	118.6
E			4.4	118.2
cb			4.5	118.1
+3			3.8	118.8
1/4			4.0	118.6
+8			3.7	118.9
℄			2.8	119.8
1/4			2.1	120.5
cb			1.8	120.8
W			1.3	121.3
		1+50		
			3.5	119.1
cb			4.0	118.6
1/4			4.5	118.1
℄			5.1	117.5
1/4			5.7	116.9

		+	HI 122.65	−	E
+5				5.6	117.0
+7				6.4	116.2
cb				6.5	116.1
E				6.6	116.0
+10				6.5	116.1
+20				6.9	115.7
			1+75		
-20				9.2	113.4
-10				9.3	113.3
E				9.4	113.2
+4				9.5	113.1
+5				10.5	112.1
cb				9.2	113.4
+6				8.4	114.2
1/4				8.4	114.2
℄				7.5	115.1
1/4				6.8	115.8
cb				6.2	116.4
W				5.6	117.0
			1+85		
W				6.7	115.9
cb				7.1	115.5
1/4				7.8	114.8
℄				8.8	113.8
1/4				9.7	112.9
+5				9.6	113.0

		H.I. 122.65					H.I. 122.65		
+9			10.5	112.1	℄			10.8	111.8
cb			12.2	110.4	1/4			11.9	110.7
+5			12.2	110.4	+5			12.3	110.3
+6			10.4	112.2	+7			12.8	109.8
E			10.6	112.0	cb			12.4	110.2
+20			10.9	111.7	E			12.9	109.7
		1+95			+20			13.2	109.4
-20			12.5	110.1			2+13		
E			11.8	110.8	-20			15.0	107.6
+9			11.6	111.0	E			15.1	107.5
cb			12.6	110.0	+5			14.6	108.0
+3			12.8	109.8	cb			14.4	108.2
+4			11.5	111.1	1/4			14.2	108.4
+7			10.9	111.7	+5			13.2	109.4
1/4			10.7	111.9	℄			13.4	109.2
℄			9.9	112.7	1/4			13.2	109.4
1/4			9.7	112.9	+7			11.4	111.2
+5			9.1	113.5	cb			11.2	111.4
cb			8.6	114.0	W			10.7	111.9
W			8.1	114.5	TP	1.17	110.76	13.06	109.59
		2+00						2+14.90 Slime Muir	50'.5ℓ 10'.66 7.5 1/4.5
W			8.9	113.7	W			9.1	107.7
cb			9.3	113.3	cb			2.1	108.7
+4			9.5	113.4	1/4			1.9	108.9
1/4			10.8	111.8	℄			2.1	108.7
+8			11.3	111.3	1/4			2.8	108.0

	HI 110.76		
cb		3.0	107.8
+5		3.2	107.6
E		3.6	107.2
+20		3.4	107.4
	S cb		
-20		4.8	106.0
E		4.5	106.3
cb		4.2	106.6
1/4		3.8	107.0
℄		3.4	107.4
1/4		2.9	107.9
cb		2.8	108.0
+5		2.9	107.9
W on Ground		3.8	107.0
W on Top cb		3.32	107.44 /
	5 1/4		
W		3.9	106.9
+5		3.5	107.3
cb		3.5	107.3
1/4		3.8	107.0
℄		4.3	106.5
1/4		4.5	106.3
cb		5.0	105.8
E		5.5	105.3
+20		5.6	105.2
	℄		
-20		6.5	104.3

	HI 110.76		
E		6.6	104.2
+5		6.1	104.7
cb		5.7	105.1
1/4		5.3	105.5
℄		5.1	105.7
1/4		4.5	106.3
cb		4.0	106.8
+5		3.8	107.0
W		4.1	106.7
	N 1/4		
W		4.4	106.4
+5		4.5	106.3
cb		4.7	106.1
1/4		5.0	105.8
℄		5.4	105.4
1/4		6.1	104.7
+5		6.1	104.7
cb		6.5	104.3
+6		6.7	104.1
E		7.2	103.6
+20		7.2	103.6
	N cb		
-20		8.3	102.5
E		8.1	102.7
+3		7.7	103.1
cb		7.4	103.4

H.I. 110.76

¼		6.7	104.1
℄		6.2	104.6
¼		5.8	105.0
cb		5.1	105.7
W		4.8	106.0
W. on Top cb		4.36	106.40 ✓
	N. Line Muir.	=00	
W		4.4	106.4
cb		5.0	105.8
+6		6.0	104.8
¼		6.4	104.4
+5		7.0	103.8
℄		6.6	104.2
¼		7.5	103.3
cb		8.3	102.5
+5		9.1	101.7
E		9.3	101.5
+20		9.9	100.9
		0+05	
		10.6	100.2
		9.9	100.9
+3		9.4	101.4
cb		8.5	102.3
¼		7.9	102.9
℄		7.6	103.2
+5		7.8	103.0

H.I. 110.76

¼		7.1	103.7
cb		5.6	105.2
W		4.4	106.4
		0+10	
W		4.7	106.1
+7		5.4	105.4
cb		6.1	104.7
+3		7.3	103.5
¼		8.3	102.5
℄		8.9	101.9
¼		9.1	101.7
cb		9.4	101.4
+5		10.1	100.7
E		10.7	100.1
+20		11.1	99.7
		0+25	
-20		13-	97.6
E		12.5	98.3
cb		11.9	98.9
¼		11.1	99.7
℄		10.6	100.2
¼		10.1	100.7
+5		9.6	101.2
cb		8.6	102.2
W		7.5	103.3

		HI 110.76			
			0+37		
W			10.3	100.5	
cb			11.2	99.6	
1/4			11.9	98.9	
℄			12.2	98.6	
1/4			12.9	97.9	
cb			13.2	97.6	
E			14.3	96.5	
+20			16.0	94.8	
			0+50		
-20			17.8	93.0	
E			16.2	94.6	
cb			15.3	95.5	
1/4			14.4	96.4	
℄			13.8	97.0	
1/4			13.4	97.4	
cb			12.5	98.3	
W			12.1	98.7	
TP	0.27	99.25	11.78	98.98	
			0+75		
W			3.1	96.2	
cb			4.0	95.3	
1/4			4.6	94.7	
℄			4.7	94.6	
1/4			5.8	93.5	
cb			6.5	92.8	

		HI 99.25			
E			7.3	92.0	
+20			8.8	90.5	
			1+00		
-20			10.7	88.6	
E			9.7	89.6	
cb			8.8	90.5	
1/4			8.1	91.2	
℄			7.5	91.8	
1/4			7.1	92.2	
cb			6.3	93.0	
W			5.6	93.7	
			1+13		
W			7.0	92.3	
cb			7.9	91.4	
1/4			8.6	90.7	
℄			9.1	90.2	
1/4			9.9	89.4 ✓	
cb			10.7	88.6	
E			11.5	87.8	
+20			12.7	86.7	
			1+25		
-20			14.7	84.6	
E			13.0	86.3	
cb			12.4	86.9	
+5			12.4	86.9	
1/4			11.1	88.2	

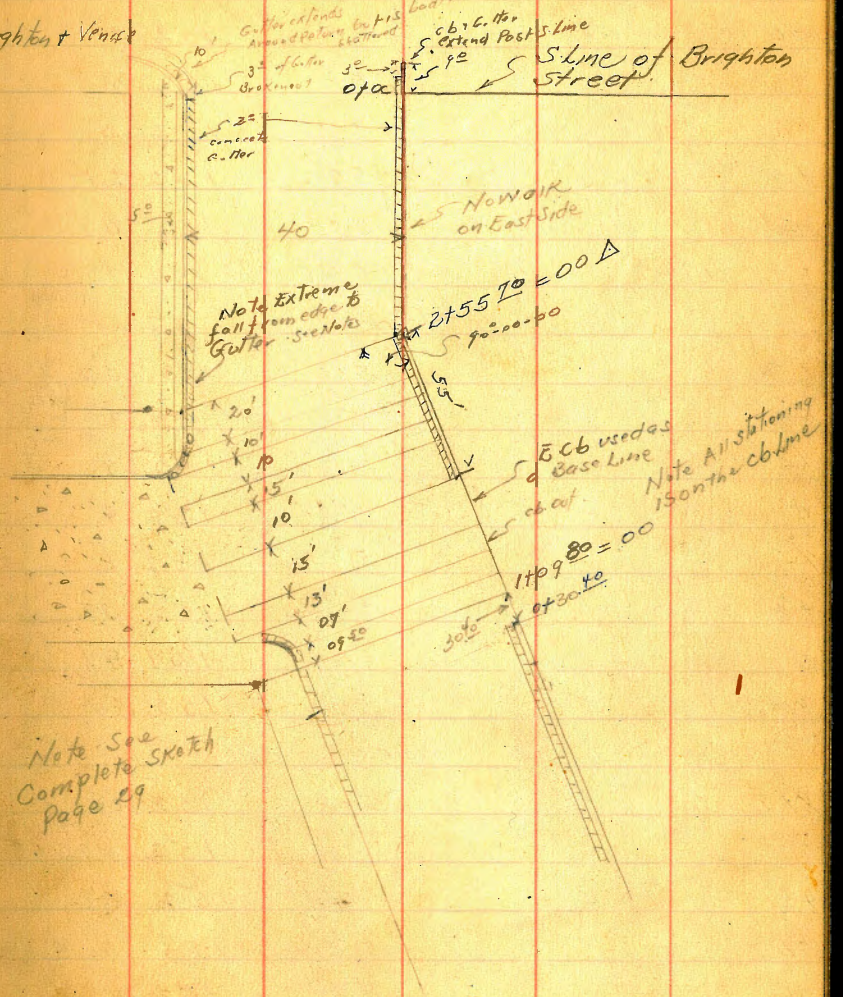
		HI 9925				HI 8798		
+6			11.2	88.1				
℄			10.4	88.9	W		1.1	86.9
1/4			9.8	89.5	cb		1.7	86.3
cb			9.1	90.2	1/4		2.2	85.8
W			8.5	90.8	℄		3.3	84.7
		1735			1/4		3.7	84.3
W			9.6	89.7	cb		5.2	82.8
cb			9.8	89.5	E		6.1	81.9
1/4			10.5	89.8	+20		7.8	80.2
℄			12.2	87.1		1775		
1/4			12.5	86.8	-20		7.7	80.3
+5			12.9	86.4	E		7.1	80.9
cb			14.1	85.2	cb		6.5	81.5
E			14.5	84.8	1/4		5.6	82.4
+10			15.9	83.4	℄		4.8	83.2
+20			16.8	82.5	1/4		3.7	84.3
		1744			cb		2.9	85.1
-20			17.3	82.0	W		2.6	85.4
E			15.8	83.5		1782		
cb			15.4	83.9	W		3.2	84.8
1/4			13.5	85.8	cb		3.9	84.1
℄			12.8	86.5	1/4		4.6	83.4
1/4			11.4	87.9	℄		5.9	82.1
cb			10.5	88.8	1/4		7.1	80.9
W			10.5	88.8	cb		7.3	80.7
TP	1.26	87.98	12.53	86.72	W?		8.3	79.7

	HI 8798			
+5		9.4	78.6	
	1487			
E		9.4	78.6	
+9		9.3	78.7	
C6		8.2	79.8	
1/4		7.6	80.4	
℄		6.7	81.3	
1/4		5.2	82.8	
C6		4.7	83.3	
W		3.8	84.2	
	1189.55 S-Line of Voltaire			
W		6.8	81.2	
C6		7.1	80.9	
1/4		7.5	80.5	
℄		7.7	80.3	
1/4		8.0	80.0	
C6 ↑Ground Same		9.04	78.94	
E		9.4	78.6	
Check out BM		1.52	86.46 = 8650	NE Bolinas ↑ Voltaire

Venice Street X Section Continued from the South Line of Brighton South to Newport

BM	6.81	158.16	151.35	S.W. BP
	Note: Stationing used Refers to cb Line		S. Line Brighton = 00	60' SY 10' cbs 10' W
W Top cb		6.78	151.38	
G		7.3	150.9	
W		6.6	151.6	
℄		6.1	152.1	
W		6.1	152.1	
+5		6.0	152.2	
+8 Ground		5.2	153 P	
+8 Edge of Gutter		6.27	151.89	
Gutter		6.43		
E Top cb & Ground at Gutter are the same		5.75	152.41	
X Shot		5.80	152.36	
E		4.7	153.4	
	0+20			
E Prop Line		5.2	153.0	
E Top Cb		5.69	152.47	
Gutter on Ground		5.8	152.4	
Gutter on Concrete		6.38	151.83	
+2 edge		6.12	152.09	
+5		6.1	152.1	
W		6.0	152.2	
℄		6.0	152.2	
W		6.3	151.9	
+8 edge gutter		7.04	151.12	
G		7.22	150.94	
W Top cb		6.60	151.56	
	4+50			
W Top cb		6.25	151.91	
G		6.90	151.26	
+2		6.70	151.46	

Plotted 10-8-29 CBH



H.I.
15816

℄	6.1	152.1
℄	58	152.4
¼	5.7	152.5
+8 Edge of Gutter	595	152.21
G	6.09	152.07
E Top Cb	5.46	152.70
¼	5.1	153.0 →
E Line	5.0	153.1 →
℄ Propline	47	153.4 →
E Top Cb	5.10	153.06
Gutter on Ground	56	152.60 →
Gutter on concrete	5.78	152.38 →
¼ edge	558	152.58 →
¼	5.3	152.9
℄	5.3	152.9
¼	5.6	152.6
+8	6.07	152.09
G	6.27	151.89
W Top Cb	5.62	152.54
	1+50	
W Top Cb	5.08	153.08
G	574	152.42
+2	556	152.60
¼	5.1	153.1
℄	48	153.4
¼ 5.37	4.9	153.3
+8 Edge of Gutter	5.20	153.0
G on Ground	50	153.2
Gutter on concrete	5.37	152.79
E Top Cb	4.68	153.48
+3	4.3	153.8 →
E	4.2	154.0 →

H.I.
15816

E	2+00	
+8	40	154.1
E Top Cb	42	154.0
Gutter on Ground	429	153.87
Gutter on Concrete	4.6	153.6 →
+2	4.57	153.19 →
¼	481	153.35 →
℄	4.4	153.8
¼	43	153.9
+8	4.4	153.8
G	4.96	153.20
W Top Cb	5.14	153.02
	450	153.66
	2+55 To Δ = 00 = Sta 1+00 Radius	
W Top Cb	385	154.31
G	466	153.50
+2	4.03	154.13
¼	3.8	154.4
℄	3.5	154.7
¼	3.9	154.3
+5	4.1	154.1
+8 Edge of Concrete Gutter	433	153.83 →
G on Ground	39	154.3
Gutter on concrete	450	153.65 →
E Top Cb	3.82	154.34
E Prop Lin° Note · From Δ to this →	3.5	90°00-00 from 154.6
Line of Cape May E Cb	2+55 To Δ = 00	forward Tangent
Used as a Base Line · See sketch Page 16		154.6 →
E Line	3.5	
E Top Cb	3.82	154.34
Gutter on Ground	3.9	154.2 →
Gutter on Concrete	449	153.67
+2	432	153.84
+10	4.0	154.2
+20	3.5	154.7

17

HI
158.16

+30		3.5	154.7
+40		3.7	154.5
+42 edge gutter		3.69	154.47
+44 Bottom		4.49	153.67
+44.06 W Topcb		3.42	154.74
	0+20		
-52.50 Topcb		2.93	155.23
Gutter		4.33	153.83
-50.50		3.19	154.97
-40		3.4	154.8
-30		3.1	155.1
-20		3.2	155.0
-10		3.6	154.6
+		4.03	154.13 →
G on Ground		3.7	154.5
Gutter on concrete		4.14	154.02 →
E Topcb		3.44	154.72
E Prop. Line		3.1	155.0 →
	0+30		
E Prop. Line		2.6	155.50
+4		3.28	
E Topcb			154.88
G on Ground		3.5	154.7
Gutter on concrete		3.45	
+		3.83	154.33 →
		3.7	154.5
+10		3.4	154.8
+20		3.0	155.2
+30		2.8	155.4
+40		2.9	155.3
+46		3.3	154.9
+50		3.0	155.2

HI
158.16

18

+55		2.7	155.5
+61 Gutter on Paving	See sketch	3.40	154.76
Topcb		2.76	155.40
	0+40		
-59.50		2.95	155.21
-50		3.0	155.2
-40		2.6	155.6
-30		2.6	155.6
-20		2.9	155.3
-10		3.3	154.9
-7		3.6	154.6
+2 Edge concrete Gutter		3.66	
G		3.3	154.9
Gutter on concrete		3.81	
E Topcb		3.12	155.04
E Prop Line		2.7	155.4 →
	0+55	See sketch Page 16	
		End Curb on East	
← 10 E Line		1.8	156.4
E Topcb		2.88	155.28
Gutter on Ground		2.8	
G		3.53	154.63
+2 on Ground		2.9	155.2
+2 Edge of Concrete Gutter		3.39	154.77
+4		2.9	155.3
+10		3.0	155.2
+20		2.6	155.6
+30		2.3	155.9
+40		2.3	155.9
+50		2.8	155.4
+57.50		2.59	155.57
T.P.	1096	166 64	2.48 155.68

H.I.
16664

0+65

-56 20	10.91	15'5".73
-50	11.1	15'5".5"
-40	10.6	15'6.0
-30	10.7	15'5".9
-20	11.0	15'5".6
-10	11.3	15'5".3
-6	11.4	15'5".2
-4	11.1	15'5".5"
CL	10.9	15'5".7
+10 E Line	10.1	15'6.5"

0+80

-10	10.0	15'6.6
-5	10.7	15'5".9
CL	11.0	15'5".6
+7	11.-	15'5".4
+10	11.1	15'5".5"
+20	10.8	15'5".8
+30	10 6	15'6.0
+40	10.8	15'5".8
+50	11.0	15'5".6
+54 40	10 81	15'5".83

0+93

-53	10.94	15'5 70
Topcb	1028	15'6.36
-50	10 8	15'5".8

H.I.
16664

-40	10 8	15'5".8
-30	10.5	15'6.1
-20	10.8	15'5".8
-10	11.0	15'5".6
CL	10.9	15'5".7
+6 E	10.8	15'5".8
+10 E Line	10.0	15'6.6

1+00

-10	9.8	15'6.8
-6	10.7	15'5".9
CL	10.9	15'5".7
+10	10.9	15'5".7
+20	10 8	15'5".8
+30	10.5	15'6.1
+40	10.8	15'5".8
+42 Gutter	10.7	15'5".9
+46 Topcb	10.26	15'6.38

1+09 80 S Line Cope Max = 00

W Line	10.1	15'6.5" →
W Topcb	10.18	15'6 46
E	10 83	15'5".81
+-	10.65	15'5".99
1/4	10.3	15'6 3
1/2	10.6	15'6.0
+6	10.8	15'5".8
1/4	10.7	15'5".9
CL	10.8	15'5".8

H I
166.64

+7	10.7	155.9
E	9.7	156.9
	0+20	
E	9.3	157.3
+3	10.3	156.3
cb	10.3	156.3
1/4	10.3	156.3
℄	10.0	156.6
1/4	9.8	156.8
+7	9.7	156.9
G	10.1	156.5
W Topcb	9.68	156.96 → 157.2 →
+7	9.4	157.2 → 158.1 →
W	85	Page 16 157.8 →
	0+30 ½ See sketch	
W	8.8	
	9.39	157.25
W Topcb	10.04	156.60
G	9.90	156.74
+2	9.4	157.2
+3	9.4	157.2
1/4	9.5	157.1
cb	10.1	156.5
1/4	9.8	156.8
+7	10.87	155.77
+8	10.96	155.68
G	10.35	156.29
E Topcb	9.6	157.0
E		

H I
166.64
0+50

E Topcb	9.07	157.57
G	9.4	157.2
1/4	9.0	157.6
℄	8.5	158.1
1/4	8.2	158.4
+5	8.5	158.1
G	8.7	157.9
W Topcb	8.03	158.61
W	7.8	158.8 →
	1+00	162.2 →
	4.4	
W Topcb	4.58	162.06
G	5.21	161.43
+2	5.11	161.53
+5	4.8	161.8
1/4	4.6	162.0
℄	5.1	161.5
1/4	5.5	161.1
+8	6.12	160.54
G	6.22	160.44
E Topcb	5.59	161.05
	1+54 8.3 P.C. of Alley Return on N See sketch page 29'	
E Topcb	1.73	164.91
G	2.38	164.26
+2	2.23	164.41
1/4	1.6	165.0
℄	1.0	165.6

		HI 166.64		
1/4			08	165.8
T.P.	12.07	178.02	0.69	165.95
+6			12.3	165.7
+8			12.65	165.37
G			12.81	165.21
W Topcb			12.13	165.89
W. Line			11.8	166.2 →
			E. Alley	
W Line			10.9	167.1
Cb			11.7	166.3
+5			11.2	166.8
1/4			11.2	166.8
℄			11.4	166.6
1/4			12.1	165.9
+8			12.72	165.30
G	183.50 154.33 28.67		12.83	165.19
E Topcb			12.16	165.86
			PI 183.50 PC S Alley Return	
E			11.05	166.97
G			11.68	166.34
+2			11.62	166.4
1/4			11.0	167.0
℄			10.4	167.6
1/4			10.1	167.9
+8			10.62	167.40
G			10.74	167.28
W Topcb			10.12	167.90
W. Line			9.9	168.1 →

		HI 178.02		
		2+00		
W. Line			0.7	169.3 →
W Topcb			8.94	169.08
G			9.56	168.46
+2			9.48	168.54
1/4			9.0	169.0
℄			9.3	168.7
1/4			9.8	168.2
+8			10.44	167.58
G			10.58	167.44
E Topcb			9.94	168.08
		2+50		
E Topcb			6.42	171.60
G			7.0	171.0
1/4			6.2	171.8
℄			5.8	172.2
1/4			5.6	172.4
G			6.1	171.9
W Topcb			5.48	172.54
W Line			5.3	172.7 →
		3+00		
W. Line			1.7	176.3 →
W. Topcs			1.96	176.06
Gutter			2.59	175.43
+2			2.49	175.53
1/4			2.3	175.7
℄			2.4	175.6
1/4			2.9	175.1
+8			3.42	174.60

		H.I 178.02		
G			3.55	174.47
E Topcb			2.90	175.12
T.P.	10.90	188.53	0.39	177.63
			3+30 N Line of Saratoga	
E Topcb			11.32	177.21
G			11.97	176.56
+2			11.82	176.71
+5			11.4	177.1
1/4			11.4	177.1
℄			11.1	177.4
1/4			11.0	177.5
+8			10.90	177.63
G			11.00	177.53
W Topcb			10.34	178.19
W Line			10.3	178.2 →
			3+40	
W Topcb			10.32	178.21
G			10.6	177.9
+4			10.4	178.1
1/4			10.4	178.1
℄			10.6	177.9
1/4			10.8	177.7
+6			10.9	177.6
G			11.7	176.8
E Topcb			11.09	177.44

		H.I 188.53		
			3+52	
E Top			10.82	177.71
G			11.4	177.1
+5			10.7	177.8
1/4			10.4	178.1
℄			10.1	178.4
1/4			10.0	178.5
Cb			10.3	178.2
W on Ground			10.3	178.2
W on Paving			10.88	177.65
W on Topcb			10.26	178.27
			3+70	
W			9.85	178.68
cb			9.9	178.6
1/4			9.5	179.0
℄			9.6	178.9
1/4			10.1	178.4
G			10.6	177.9
E Topcb			10.38	178.15
			3+90	
E Topcb			9.95	178.58
G			9.8	178.7
1/4			9.7	178.8
℄			9.1	179.4
1/4			8.9	179.6
+5			8.7	179.8

H.I.
18853

C6		9.1	179.4
W.		9.16	179.37
	3+96		
W. on Top C6	Bk.?	8.35	180.18
W on Paving		9.04	179.49
C6		9.1	179.4
+3		8.8	179.7
1/4		8.7	179.8
℄		9.1	179.4
1/4		9.6	178.9
G		9.8	178.7
E Top C6		9.76	178.77
	4+18.03 S Line of Saratoga		
E Top C6		9.25	179.28
G on Paving		9.90	178.63
G on Ground		9.0	179.5
+2 edge Gutter		9.78	178.75
+2 G		8.8	179.7
1/4		9.0	179.5
℄		8.5	180.0
1/4		8.2	180.3
+8		8.75	179.78
G		8.91	179.62
W. Top C6		8.27	180.26
Check BM SW BP	Chiseled	8.29	180.24

H.I.
18853

23

	4+50		
W. Top C6		6.35	182.18
G		7.0	181.5
1/4		6.7	181.8
℄		7.2	181.3
1/4		7.6	180.9
G		7.9	180.6
E Top C6		7.34	181.19
	5+00		
E Top C6		4.32	184.21
G		4.98	183.55
+2		4.86	183.67
1/4		4.5	184.0
℄		4.0	184.5
1/4		3.9	184.6
+8		3.91	184.62
G		4.02	184.51
W Top C6		3.35	185.15
	5+50		
W. Top C6		0.30	188.23
G		1.0	187.5
+5		0.7	187.8
1/4		0.9	187.6
℄		1.0	187.5
1/4		1.5	187.0
+5		1.9	186.6

		H.I. 188.53		
			℄	
G			1.6	186.9
E Top Cb.			1.37	187.16
TP.	11.19	199.37	0.35	188.18
			5+73 To N P.C. of Alley Return	
E Top Cb			10.68	188.69
G			11.35	188.02
+-			11.23	188.14
1/4			10.8	188.6
℄			10.3	189.1
1/4			10.1	189.3
+8			10.25	189.12
G			10.38	188.99
W. Top Cb			9.73	189.64
			℄ Alley	
W			8.7	190.7
+4			8.9	190.5
G			9.78	189.59
+-			9.54	189.83
1/4			9.4	190.0
℄			9.5	189.9
1/4			9.9	189.5
G			10.5	188.9
E Top Cb			9.94	189.43
			6+00 S.P.C. Alley	
			9.13	190.24

		H.I. 199.37		
G			9.78	189.59
12			9.65	189.72
1/4			9.1	190.3
℄			8.7	190.7
1/4			8.6	190.8
+8			8.67	190.70
G			8.84	190.53
W. Top Cb			8.21	191.16
			6+50	
W. Top Cb			5.12	194.25
G			5.7	193.7
1/4			5.5	193.9
℄			5.7	193.7
1/4			6.1	193.3
G			6.8	192.6
E Top Cb			6.14	193.23
			7+00	
E Top Cb			3.14	196.23
G			3.78	195.59
+2			3.63	195.74
+4			3.3	196.1
1/4			3.1	196.3
℄			2.6	196.8
1/4			2.6	196.8
+8			2.71	196.66
E			2.80	196.57

		H.I. 199.37			
W. Top cb			2.14	197.23	
T.P.	8.74	207.94	0:17	199.20	
		7+48 60 N Line Santa Monica			
W Top cb			7.76	200.18	
G			8.40	199.54	
+2			8.25	199.69	
+5			8.6	199.3	
1/4			8.5	199.4	
℄			8.6	199.3	
1/4			9.1	198.8	
+8			9.30	198.64	
G			9.43	198.51	
E Top cb.			8.78	199.16	
		7+60			
E			8.56	199.38	
G			9.0	198.9	
1/4			8.7	199.2	
℄			8.2	199.7	
1/4			8.1	199.8	
+8			8.36	199.64	
G			8.44	199.50	
W			7.75	200.19	
		7+80			
			7.70	200.24	
+2			7.70	200.24	
+3			7.6	200.3	
1/4					
℄					
1/4					
G					
E Top cb					
G					
+2					
+					
+5					
1/4					
℄					
1/4					
G					
E Top cb					
		H.I. 207.94			
			7.5	200.4	
			7.7	200.2	
			8.2	199.7	
			8.6	199.3	
			8.04	199.90	
		8+00			
			7.56	200.38	
			8.21	199.73	
			8.08	199.86	
			7.8	200.1	
			7.3	200.6	
			7.2	200.7	
			7.15	200.75	
		8+20			
			7.11	200.83	
			7.13	200.81	
			6.8	201.1	
			6.8	201.1	
			6.9	201.0	
			7.3	200.6	
			7.5	200.4	
			7.10	200.84	
		8+36 63 S Line Santa Monica			
			6.67	201.27	
			7.29	200.65	
			7.13	200.81	

		HI 207.94					HI 207.94		
						t8		157	206.37
t5			6.9	201.0		G		1.70	206.24
1/4			6.6	201.3		W Topcb		1.03	206.91
℄			6.3	201.6		TP	1120	218.88	0.26 207.68
1/4			6.3	201.6				9+50	
t5			6.2	201.7				7.55	211.33
t7			6.4	201.5				8.2	210.7
t8 edge Gutter			7.14	200.80		1/4		8.1	210.8
C			7.26	200.78		℄		8.1	210.8
W Topcb			6.64	201.30		1/4		8.3	210.6
		8+50				G		8.8	210.1
W Topcb			5.38	202.56		L Topcb		8.17	210.71
G			6.1	201.8				9+93	50 P.C. N Alley Return
t5			5.2	202.7		E		4.62	214.26
1/4			5.6	202.3		G		5.25	213.63
℄			5.5	202.4		t2		5.15	213.73
1/4			5.7	202.2		1/4		4.6	214.3
E			6.2	201.7		℄		4.3	214.6
E Topcb			5.60	202.34		1/4		4.2	214.7
		9+00				t8		4.35	214.53
E Topcb			1.44	206.50		G		4.55	214.33
G			2.10	205.84		W Topcb		3.91	214.97
t2			1.97	205.97				10+04	75 ℄ Alley
1/4			1.5	206.4		W		2.5	216.4
℄			1.4	206.5		t5		3.3	215.6
1/4			1.3	206.6		C		3.6	215.3

		HI 218.88		
1/4			3.3	215.6
℄			3.3	215.6
1/4			3.6	215.3
G			4.3	214.6
E Top Cb			3.67	215.21
		10+18. PC S. Alley Return		
E Top Cb			2.48	216.40
G			3.14	215.74
+2			2.97	215.91
1/4			2.5	216.4
℄			2.1	216.8
1/4			2.1	216.8
+8			2.10	216.78
G			2.21	216.67
W. Top Cb			2.60	216.28
TP	13.13	231.57	0.44	218.44
		10+50		
W Top Cb			11.48	220.09
G			12.1	219.5
1/4			11.9	219.7
℄			12.1	219.5
1/4			12.5	219.1
G			13.2	218.4
E Top Cb			12.46	219.11
		11+00		
E Top Cb			8.28	223.29

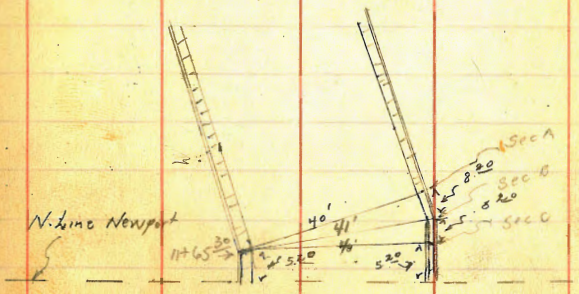
		HI 231.57		
G			8.92	222.65
+2			8.77	222.80
1/4			8.2	223.4
℄			7.9	223.7
1/4			7.4	224.2
+8			7.62	223.95
G			7.78	223.79
W. Top Cb			7.12	224.45
11+50				
W Top Cb			2.74	228.83
G			3.38	228.19
+~			3.28	228.29
1/4			3.5	228.1
℄			3.9	227.7
1/4			4.3	227.2
+8			4.62	226.95
G			4.75	226.82
E Top Cb			4.11	227.46
		11+65	3.0	△ on West See Sketch Page 28.
E Top Cb			2.77	228.80
G			3.41	228.16
+2			3.29	228.28
1/4			3.5	228.1
℄			2.9	228.7
1/4			2.6	229.0
+6			2.2	229.4

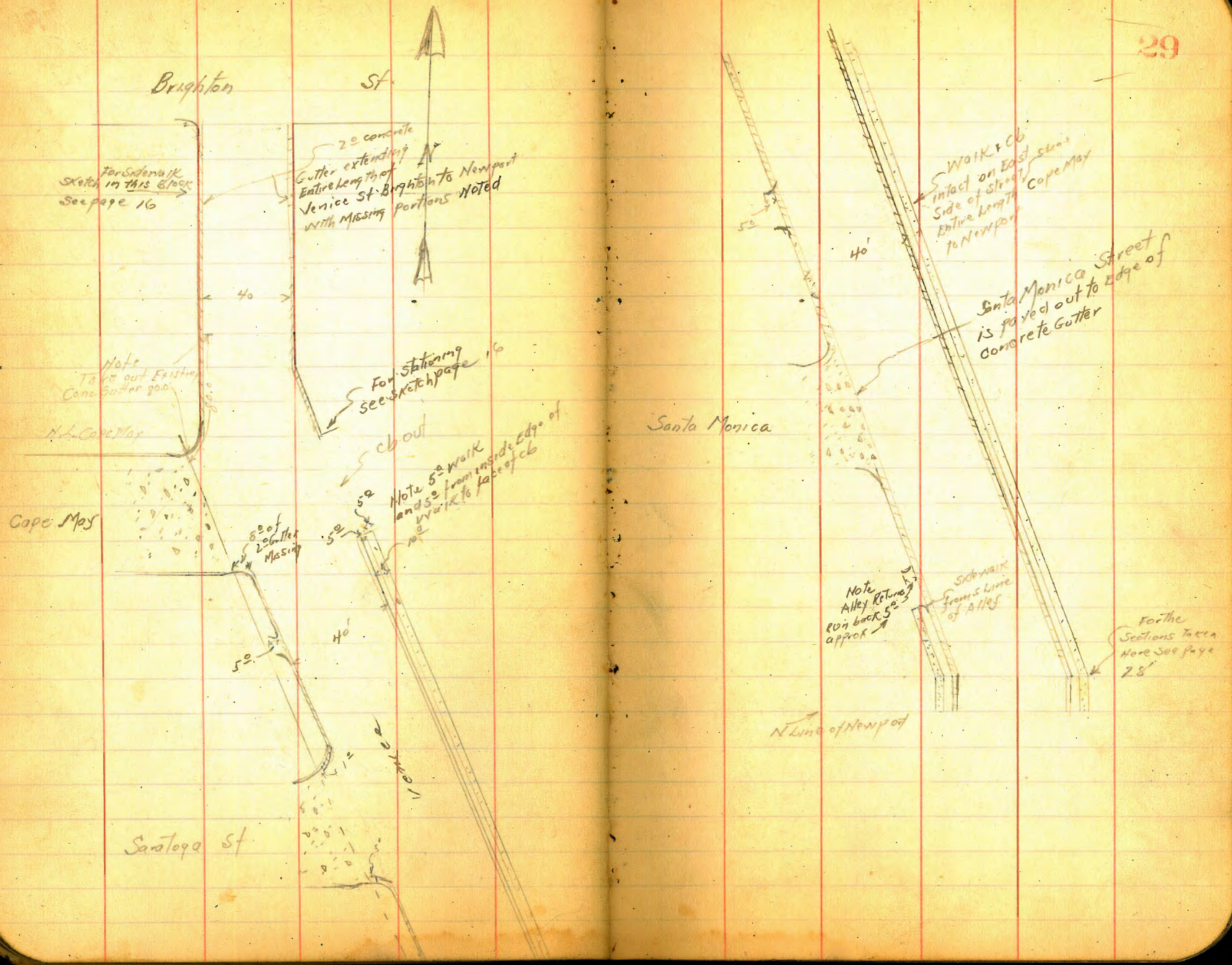
H.I. 23157

+8	1.95	229.62
G	2.09	229.48
N Top cb	1.43	230.14
Sec B 41°		
N Top cb	1.43	230.14
G	2.09	229.48
+2	1.95	229.62
+4	2.2	229.4
1/4	2.5	229.1
℄	2.6	229.0
1/4	3.1	228.5
+5	3.1	228.5
+8	3.12	228.45
G	3.30	228.27
Ground	2.7	228.9
E Top cb	264	228.93
Sec C = 00		
E Top cb	2.47	229.10
G on Ground	2.8	229.2
G on	3.13	228.44
+2	2.96	228.61
1/4	2.8	228.8
℄	2.4	229.2
1/4	2.4	229.2
+6	2.2	229.4
+8	1.95	229.62

H.I. 23157

G	2.09	229.48
N Top cb	1.43	230.14
of 05 20		
	1.43	230.14
	2.10	229.47
+2	1.94	229.63
1/4	2.2	229.4
℄	2.2	229.4
1/4	2.5	229.1
+8	2.91	228.66
G	3.01	228.56
E Top cb	2.36	229.21
Check B.M. SWBP.		
Venice + Newport	1.44	230.13




Brighton St
For Sidewalk Sketch in this Block See page 16
2ft concrete Gutter extending Entire length of Venice St Brighton to Newport with Missing portions Noted
40
Note Take out Existing Conc Gutter 8.0.
For Stationing see Sketch page 16
N L Cape May
C.L. out
Note 5ft walk lands 5ft from inside Edge of walk to face of c.b.
Cape May
8ft of 2ft Gutter Missing
5ft
5ft
10ft
40'
5ft
1 1/2
Saratoga St
Walk + C.b. intact on East side of Street Entire length to Newport
Cape May
5ft
40'
Santa Monica Street is paved out to Edge of Concrete Gutter
Santa Monica
Note Alley Returns 20 in back 5ft approx
Sidewalk from s line of Alley
For the Sections Taken Here See Page 28
N Line of Newport

Levels Venice + Voltaire

				10 cbs Top
BM	3.00	89.50		86.50
		Sec A		
W			9.2	80.3
cb			9.3	80.2
+5			9.7	79.8
1/4			9.7	79.8
+5			9.5	80.0
℄			9.8	79.7
+5			9.8	79.7
1/4			10.1	79.4
+5			10.1	79.4
+5			11.2	78.3
cb			11.1	78.4
+6. Hit Paving			11.52	77.98
E in. Gutter on Paving			11.63	77.87
		Sec B. in Gutter		
E			11.76	78.04
cb			11.31	78.19
1/4			11.01	78.49
℄			10.85	78.65
1/4			10.49	79.01
cb			10.24	79.26
W on Gutter			9.94	79.56
W on Top Cb			9.44	80.06
W+25 Gutter			9.27	80.23

W+25 Top cb	8.80	80.70	
W+50 Gutter	8.63	80.87	
W+50 Top cb	8.12	81.38	
Reading around Return			
Prop	10.53	#6	78.97
#1	10.83		78.67
#2	11.00		78.50
#2 in Gutter	11.58		77.92
#3 Prop.	11.12		78.38
#3 Gutter	11.53		77.91
#4 18" Top cb	11.37		78.13
#4 Gutter	11.88		77.62
#5 18" Top cb	11.57		77.93
Gutter	12.15		77.35
#6 Top cb 2.30 P.C.	11.72		77.72
Gutter	12.37		77.13
#7 18" Top cb	12.54		76.96
Gutter	13.21		76.29

Elevation on Paving
Main Ave Ft Venice West Side 30 Ft Roadway 7.5 Q H

B.M.	5.81	1.275		107.44	on Top of S.W. Cor Main & Venice
		H.I. Venice			
S. Cb of Main			531	107.44	
Gutter	on Paving		5.79	106.96	
"	"		5.85	106.90	
"	"		6.03	106.72	
"	"		6.40	106.35	
Gutter	"		6.72	105.96	
S Cb Top			6.34	106.41	

Elevation on Paving
Long Beach Ft Venice 30 Ft. Roadway

B.M.	5.97	1.414		135.47	
		H.I. Venice			
S. Cb of Long Beach			597	135.47	
Gutter	on Paving		6.69	134.25	
"	"		6.60	134.84	
"	"		6.73	134.71	
"	"		7.05	134.39	
Gutter	"		7.51	133.93	
S Cb of Long Beach			6.96	134.48	

31

10-28-29
S. 1550
Ne Hwy 3
Northern
Boundary

Elevations on Paving
Brighton Ave × Venice
4 of Roadway
10 Qtrs

S.W. B.P. Brighton Ave & Venice

B.M.	4.32	155.67		151.35
		P.L. Venice		
S. Cb. on Top			4.31	151.36
Gutter on Paving			5.01	150.66
"	"		4.85	150.82
"	"		4.81	150.86
"	"		4.98	150.69
"	"		5.32	150.31
Gutter				
N. Cb. on Top			4.70	150.97

3 ft South of S.L. Brighton Conc. Gutter Broken on N.
S.L. Brighton

E. Top Cb	3.26	152.41
Gutter	3.92	151.75

6' N of S.L. Brighton Ave Ind. Gutter

E. Top Cb	3.30	152.39
Gutter	3.94	151.75

Elevations on Paving
Cape May × Venice
4 & Roadway on Diagram
16 Qtrs
32

N.W. B.P. Cape May & Venice

B.M.	4.37	161.09		156.72
		P.L. Venice		
S. Cb. on Top			4.74	156.35
Gutter on Paving			5.37	155.72
"	"		5.27	155.82
"	"		5.39	155.70
"	"		5.74	155.35
Gutter	"		6.82	154.77
N. Cb. on Top			5.70	155.39

P.L. Cape May Produced From West

W. Top Cb.	5.80	155.29
Gutter	7.26	153.83
East Edge Gutter	6.03	155.06
E. Top Cb.	5.91	155.15
Gutter	6.62	154.47

Angle N of P.L. Cape May

E. Top Cb	6.75	154.34
Gutter	7.41	153.68

S.L. Cape May

W. Top Cb	4.54	156.55
Gutter	5.17	155.92

32.4 S of S.L. Cape May - End Gutter & Curb on E.

W. Top Cb	3.84	157.25
Gutter	4.47	156.62
E. Top Cb	4.79	156.30
Gutter	5.30	155.72

Elevations on Paving
Saratoga And Venice

48 ft Roadways Dig
1.2 Qb

					S.T. 8.2
BM	3.57	1838		180.24	Saratoga & Venice
		N.L. Venice			
S Cb Top			3.62	180.19	
Gutter on Paving			4.31	179.50	
"			4.56	179.25	
"			4.98	178.83	
"			5.47	178.34	
"			5.65	177.66	
N Cb Top			5.53	178.28	
		S.L. Saratoga	From West	Old Sta 4+13	
W Cb Top			3.55	180.26	
Gutter			4.18	179.63	
E Cb Top			4.51	179.27	
Gutter			5.18	178.63	
		N.L. Saratoga	Old Sta 3+30		
W Cb Top			5.61	178.20	
Gutter			6.20	177.54	
E Cb Top			5.92	177.22	
Gutter			6.89	176.57	
		S.L. Petaluca		Sta 5+2	
S End Top Cb			3.55	180.26	
Gutter			4.18	179.63	
1 Top Cb			3.61	180.25	
Gutter			4.21	179.60	
2 Top Cb			3.57	180.24	

1838

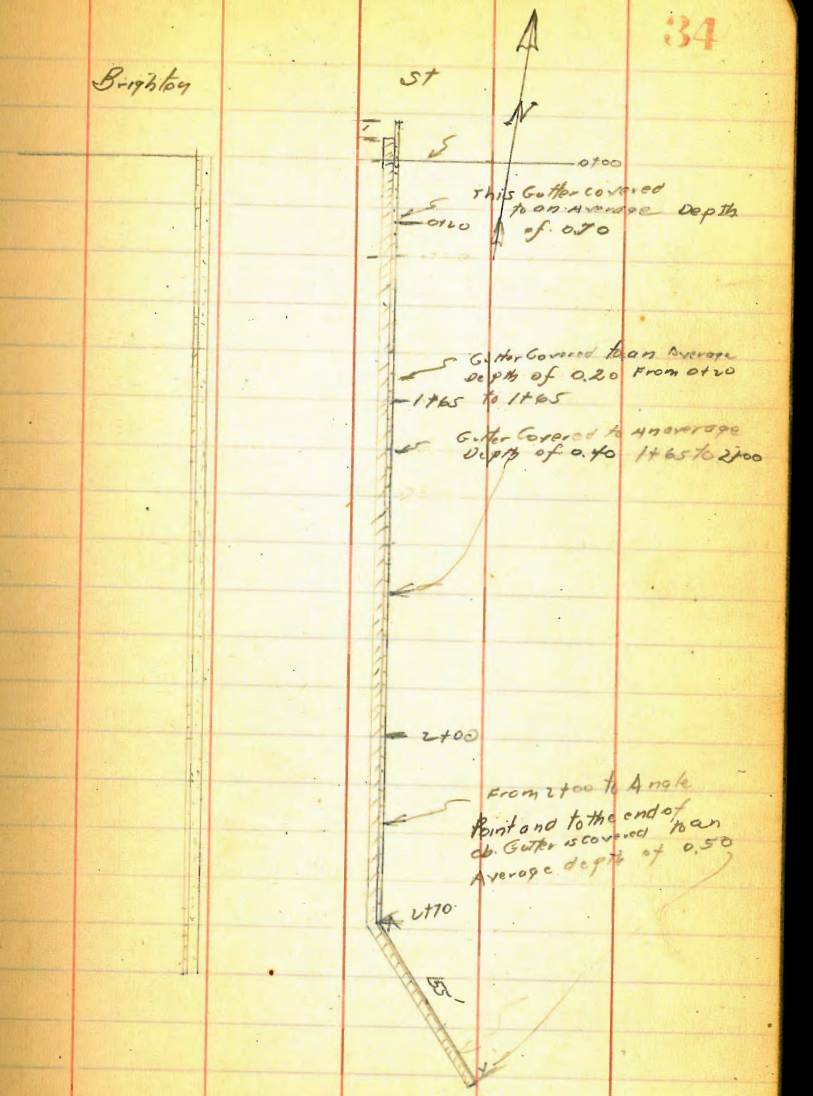
Gutter	4.22	179.59	
3 Top Cb	3.58	180.23	
Gutter	4.23	179.58	
4 = W End	3.62	180.19	
Gutter-Paving	4.31	179.50	
N.L. Petaluca	27+2	Back of P	
W End Top Cb	5.53	178.28	
Gutter-Paving	6.16	177.65	
1 Top Cb	5.57	178.31	
Gutter	6.23	177.58	
2 Top Cb	5.57	178.31	
Gutter	6.25	177.56	
3 Top Cb	5.57	178.31	
Gutter	6.21	177.60	
4 Top Cb = N End	5.62	178.19	
Gutter	6.27	177.54	

Elevations Returns
Copse Ave & Venice

BM	4.34	161.06		156.72
		SW Return 284-6 Parts 71		
W End Top Cb			4.71	156.35
Gutter Paving			5.34	155.72
1 Top Cb			4.71	156.35
Gutter End			5.31	155.69
2 Top Cb			4.64	156.42
Gutter			5.33	155.73
3 Top Cb			4.58	156.48
Gutter			5.24	155.82
4 Top Cb S End			4.52	156.54
Gutter			5.14	155.92

Gutter Around SW Return Should Come Out

Note: Curb on Venice 6" High at Top



Monroe Ave.
Cross Section Louisiana to Oregon

Note: Sidewalks & Curbs Future Length N+S Streets Point S.E.B.P.

BM	5.92	343.37		337.35	Monroe & Louisiana
		E Cb Line of Louisiana			
S Gutter on Paving			L53	336.74	
Cb	"	"	L46	336.81	
¼	"	"	L45	336.82	
½	"	"	L81	336.96	
¼	"	"	L17	337.10	
Cb	"	"	L05	337.22	
N Gutter	"	"	5.92	337.35	
		East Line of Louisiana			
N Cb Top			535	337.92	✓
Gutter	on Paving		585	337.42	✓
¼	"	"	5.76	337.51	
½	"	"	5.73	337.54	✓
¼	"	"	L02	337.25	
Gutter	"	"	L04	336.93	✓
S Cb Top			584	337.43	✓
		25' E of E.L. of Louisiana			
S Cb Top			5.73	337.54	
Gutter			L0	337.3	
¼			58	337.5	
½			5.7	337.6	
¼			5.6	337.7	
Gutter			5.7	337.6	
N Cb Top			5.10	338.17	

Cb. Plotted 2-15-30 CDH

8" pipe
1¼ Cbs
13 Qts

2-12-30
S.S.S.O.7.
Sec. Bliss
Northern
Osborn

35

343.37

50' E

N Cb Top	5.01	338.26
Gutter	5.7	337.6
¼	5.5	337.8
½	5.4	337.9
¼	5.8	337.5
Gutter	5.9	337.4
S Cb Top	5.58	337.69
75' E		
S Cb	5.50	337.77
G	5.9	337.4
¼	5.8	337.5
½	5.3	338.0
¼	5.2	338.0
Gutter	5.4	337.9
N Cb to Drive	5.50	337.77 ✓
100' E		
N Cb	4.80	338.47
Gutter	5.2	338.1
¼	5.1	338.2
½	5.3	338.0
¼	5.7	337.6
Gutter	5.8	337.5
S Cb	5.44	337.83
126.4 E - P.C. of Cb Return on N		
S Cb	5.40	337.87

Monroe Ave

343.27

Gutter	57	337	6
¼	58	337	5
¼	58	338	1
¼	55	337	8
Gutter	52	338	1
N Cb	4.74	338	53 ✓
1364' E = N Cb of St From N			
N on Cb	4.35	338	92 ✓
N on Gutter on Paving	4.89	338	38 ✓
Cb	5.4	337	9
¼	5.3	338	0
¼	52	338	1
¼	57	337	6
Gutter	51	337	7
S Cb	539	337	88
149.4' E = ℄ Alley + ℄ St from N			
S End Alley Pat on N Side of Alley	510	338	17
S " " " E " "	526	338	01
S	50	338	3
Cb	55	337	8
¼	55	337	8
℄ = N on Pav	4.96	338	31
¼	51	338	2
Cb	50	338	3
N on Pavt	454	338	73
162.4' = E Cb of St From N			

343.27

N Top Cb	443	339	04
N Gutter on Paving	481	338	43
Cb	49	338	4
¼	52	338	1
¼	51	338	2
¼	56	337	7
Gutter	58	337	5
S Cb Top	527	338	00
172.4' = E C of Cb Return on N			
S Cb	526	338	01
Gutter	57	337	6
¼	55	337	8
¼	51	338	2
¼	50	338	3
Gutter	49	338	4
N Cb	445	338	82
200' E			
N Cb	430	338	97
Gutter	48	338	5
¼	50	338	3
¼	56	338	3
¼	54	337	9
Gutter	58	337	5
S Cb	580	338	07
225' E			
S Cb	514	338	13

Monroe Ave

343.87

Gutter	5.1	337.7
¼	5.5	337.8
½	4.9	338.4
¼	4.8	338.5
Gutter	4.7	338.6
N Cb in Drive	4.18	338.59
250' E		
N Cb	4.07	339.20
Gutter	4.7	338.6
¼	4.8	338.5
½	4.9	338.4
¼	5.3	338.0
Gutter	5.5	337.8
S Cb	5.05	338.22
275' E		
S Cb	5.00	338.27
Gutter	5.4	337.9
¼	5.3	338.0
½	4.7	338.6
¼	4.7	338.6
Gutter	4.5	338.8
N Cb	4.00	339.27
340 E of H.L. Texas		
N Cb	3.86	339.41
Gutter on Paving	4.75	338.75
¼ " "	4.40	338.87

343.87

½ on Paving	4.49	338.78
¼ " "	4.90	338.37
Gutter " "	5.44	337.83
S Cb	4.90	338.37
W Cb of Texas		
S on Paving	5.44	337.83
Cb " "	5.30	337.97
¼ " "	5.14	338.13
½ " "	4.96	338.31
¼ " "	4.88	338.39
Cb " "	4.68	338.59
N " "	4.51	338.76
E Cb of Texas		
N on Paving	3.98	339.29
Cb " "	4.18	339.09
¼ " "	4.23	338.94
½ " "	4.50	338.77
¼ " "	4.66	338.61
Cb " "	4.88	338.39
S " "	5.05	338.22
SE Monroe & Texas	4.28	338.99
E ℄ of Texas		
S Cb	4.82	339.05
Gutter on Pav	4.75	338.52
¼ " "	4.19	339.08
½ " "	3.87	339.40

Monroe Hwy

343.47

½ of Point	3.78	339.49	
Gutter	3.87	339.40	
HCb	3.38	339.99	
25' E of E L Texas			
HCb	2.81	340.41	
Gutter	3.5	339.8	
½	3.8	330.1	
⅛	3.3	330.0	
½	3.9	339.4	
Gutter	4.0	339.3	
SCb	3.77	339.50	
50' E			
SCb	3.48	339.99	
Gutter	3.7	339.6	
½	3.5	339.8	
⅛	3.0	340.3	
½	2.9	340.4	
Gutter	3.0	340.3	
HCb	2.37	340.90	
75' E			
HCb	1.92	341.35	
Gutter	2.8	340.5	
½	2.5	340.8	
⅛	2.5	340.8	
½	3.1	340.2	
Gutter	3.2	340.1	

343.47

38

SCb	2.84	340.43
100' E		
SCb	2.40	340.87
Gutter	2.8	340.5
½	2.5	340.8
⅛	2.1	341.2
½	2.0	341.3
Gutter	2.3	341.1
HCb	1.41	341.81
140.4' E = N.E. of Alley		
N Top Cb	0.50	342.77
Dirt	0.7	342.5
Cb	0.70	342.57
Gutter	1.3	342.0
½	1.1	342.2
⅛	1.0	342.3
½	1.1	341.7
Gutter	2.0	341.3
Cb	1.75	341.52
S Top Cb	1.45	341.82
Dirt	1.50	341.77
150.4 = E Alley		
S	1.4	341.9
Cb	1.8	341.5
½	1.4	341.9
⅛ = N.H. on Rio	0.55	342.72

Monroe Ave.

		343.87			
½			0.9	342.4	
Cb			1.1	342.2	
N			0.2	343.1	
TP	11.66	35+38	0.55	342.72	
	160.4 = E.L.		Alley		
N Top Cb			10.62	343.76	
Dirt			10.7	343.7	
Cb Top			10.85	343.55	
Gutter			11.4	343.0	
½			11.6	342.8	
℄			11.5	342.9	
½			12.2	342.2	
Gutter			12.6	341.8	
Cb Top			12.00	342.38	
S Top Cb			11.76	342.62	
Dirt			11.9	342.5	
		175' E			
S Cb			11.52	342.86	
Gutter			12.0	342.4	
½			11.8	342.6	
℄			11.1	343.3	
½			11.0	343.4	
Gutter			11.0	343.4	
N Cb			10.86	344.02	
		200' E			
N Cb			9.35	345.03	

		35+38			
Gutter			9.9	344.5	
½			10.0	344.4	
℄			10.1	344.3	
½			10.8	343.5	
Gutter			11.2	343.2	
S Cb			10.58	343.80	
		330' E - Brk			
S Cb			9.74	344.64	
Gutter			10.1	344.3	
½			9.6	344.8	
℄			9.0	345.4	
½			8.9	345.5	
Gutter			8.8	345.6	
N Cb			8.40	345.98	
		250' E			
N Cb to Drive			6.19	348.19	
Gutter			6.4	348.2	
½			6.3	348.1	
℄			6.3	348.1	
½			7.1	347.3	
Gutter			7.4	347.0	
S Cb			7.82	347.56	
		275' E			
S Cb			4.40	349.98	
Gutter			4.9	349.5	
½			4.7	349.7	

Monroe Ave. 35438

℄			38	350	6
½			37	350	7
Gutter			35	350	9
N Cb			2.99	351	39
	300' E - N.L Arizona				
N Cb			0.42	353	96
Gutter on Paving			1.85	353	13
½	"	"	1.46	352	92
℄	"	"	1.70	352	68
½	"	"	2.20	352	18
Gutter	"	"	2.84	351	54
S Cb			2.00	352	38
	N Cb of Arizona				
S on Paving			2.64	351	74
Cb	"	"	2.25	352	13
½	"	"	1.56	352	82
℄	"	"	1.09	353	29
½	"	"	0.88	353	50
Cb	"	"	0.99	353	39
N	"	"	0.97	353	41
TP	13.03	31703	0.88	354	00
	E Cb of Arizona				
N on Paving			12.00	355	03
Cb	"	"	12.27	354	76
½	"	"	12.34	354	69
℄	"	"	12.64	354	39

31703

½ on Paving			13.16	353	87
Cb	"	"	13.63	353	40
S	"	"	13.68	353	35
	East Line of Arizona				
S Cb			12.95	354	08
Gutter on Paving			13.11	353	42
½	"	"	12.69	354	34
℄	"	"	12.10	354	93
½	"	"	11.93	355	10
Gutter	"	"	12.18	354	85
N Cb			11.42	355	61
	20' E of E.L Arizona				
N Cb			8.54	358	49
Gutter			9.0	358	0
½			9.4	357	6
℄			9.3	357	7
½			10.1	356	9
Gutter			10.3	356	7
S Cb			9.91	357	12
	40' E				
S Cb			7.08	360	01
Gutter			7.6	359	4
½			7.1	359	9
℄			6.5	360	5
½			6.7	360	3
Gutter			6.4	360	6

Monroe Ave. 367.03

N cb			5.85	361	18
	40' E				
N cb			3.18	363	85
Gutter			3.8	363	2
¼			4.1	362	9
½			4.1	362	9
¼			4.7	362	3
Gutter			4.9	362	1
S cb			4.18	362	85
	80' E				
S cb			2.10	364	93
Gutter			2.5	364	5
¼			2.4	364	6
½			1.7	365	3
¼			1.7	365	3
Gutter			1.6	365	4
N cb			1.10	365	93
TP	11.92	378.39	0.56	366	47
	100' E				
N cb			10.41	367	93
Gutter			11.1	367	3
¼			11.2	367	2
½			11.2	367	2
¼			11.9	366	5
Gutter in Drive			12.16	366	23
	130' E				

378.39

S cb		10.62	367	77
Gutter		11.0	367	4
¼		10.6	367	8
½		10.1	368	3
¼		10.0	368	4
Gutter		9.9	368	5
N cb		9.40	368	99
	140.4' E = N.E. Alley			
N Top cb		8.08	370	31
Dirt		8.4	370	0
cb		8.42	369	97
Gutter		9.1	369	3
¼		9.0	369	4
½		8.9	369	5
¼		9.5	368	9
Gutter		10.2	368	2
cb		9.71	368	63
S Top cb		9.45	368	94
Dirt		9.8	368	6
	150.4' E = ½ Alley			
S		9.3	369	1
cb		9.8	368	6
¼		9.8	369	2
½ = N.H. on Rim		8.30	370	09
¼		8.7	369	7
cb		8.7	369	7

Monroe Ave

378.39

N	8.1	370.3
100 ft - E. Alley		
N Top Cb	7.34	371.05
Dirt	7.7	370.7
Cb	7.66	370.73
Gutter	8.3	370.1
¼	8.3	370.1
½	8.2	370.2
¼	8.9	369.5
Gutter	9.2	369.2
Cb	8.11	369.78
S Top Cb	8.45	369.94
Dirt	8.7	369.7
180 E		
S Cb	8.01	370.38
Gutter	8.5	369.9
¼	8.1	370.3
½	7.5	370.9
¼	7.6	370.8
Gutter	7.7	370.7
N Cb	7.10	371.29
200 E		
N Cb	6.46	371.93
Gutter	6.9	371.5
¼	6.9	371.5
½	6.8	371.6

378.39

42

¼	7.3	371.1
Gutter in Drive	7.75	370.64
225 E		
S Cb	6.85	372.04
Gutter	6.8	371.6
¼	6.6	371.8
½	6.1	372.3
¼	6.1	372.3
Gutter	6.1	372.3
N Cb	5.65	372.74
250 E		
N Cb in Drive	5.42	372.97
Gutter	5.5	372.9
¼	5.3	373.1
½	5.3	373.1
¼	5.7	372.7
Gutter	6.0	372.4
S Cb in Drive	6.12	372.27
275 E		
S Cb	4.71	373.68
Gutter	5.1	373.3
¼	5.0	373.4
½	4.5	373.9
¼	4.5	373.9
Gutter	4.4	374.0
N Cb	4.05	374.34

Monroe Ave.

378.39

300 E of W L Hamilton

N Cb	3.45	375.14
Gutter on Paving	3.96	374.43
¼ " "	3.70	374.69
½ " "	3.70	374.69
¼ " "	4.00	374.39
Gutter " "	4.45	373.94
S Cb	3.85	374.54

N Cb of Hamilton

S on Paving	4.48	373.91
Cb " "	4.23	374.16
¼ " "	3.98	374.47
½ " "	3.65	374.74
¼ " "	3.61	374.78
Cb " "	3.71	374.68
H " "	3.72	374.67

E Cb of Hamilton

H on Paving	3.22	375.17
Cb " "	3.40	374.99
¼ " "	3.49	374.90
½ " "	3.61	374.78
¼ " "	3.65	374.74
Cb " "	3.70	374.69
S " "	3.77	374.62
BM	3.10	37589

SEBP
Monroe Hamilton
37580

E L Hamilton

378.39

S Cb	3.06	375.33
Gutter on Paving	3.48	374.81
¼ " "	3.06	375.33
½ " "	2.83	375.56
¼ " "	2.85	375.54
Gutter " "	3.15	375.24
N Cb	2.54	375.85

25 E of E L Hamilton

N Cb	2.35	376.04
Gutter	2.8	375.6
¼	2.6	375.8
½	2.7	375.7
¼	3.1	375.3
Gutter	3.4	375.2
S Cb	2.74	375.63

50' E

S Cb	2.52	376.87
Gutter	2.9	375.5
¼	2.9	375.5
½	2.4	376.0
¼	2.5	375.9
Gutter	2.5	375.9
N Cb	2.15	376.24

75 E

N Cb	1.96	376.43
Gutter	2.4	376.0

Monroe Ave.

	37839		
½	6.3	376.1	
℄	2.4	376.0	
½	2.6	375.8	
Gutter	2.6	375.8	
SCb.	2.29	376.10	
	100'E		
Scb in Drive	2.70	375.69	
Gutter	2.8	375.6	
½	2.3	376.1	
℄	1.9	376.5	
½	2.0	376.4	
Gutter	2.1	376.3	
NCb.	1.68	376.71	
	140'E - NL Alley		
N Top Cb	1.20	377.19	
Dirt	1.4	377.0	
Cb	1.34	377.05	
Gutter	1.8	376.6	
½	1.1	376.8	
℄	1.1	376.8	
½	2.1	376.3	
Gutter	2.2	376.2	
Cb	1.18	376.71	
S Top Cb	1.33	377.06	
Dirt	1.7	376.7	
	150'E - ℄ Alley		

	37839		
S	1.1	376.8	
Cb	2.0	376.4	
½	2.0	376.4	
℄ = MH on Rim	1.36	377.06	
½	1.5	376.9	
Cb	1.7	376.7	
N	1.4	377.0	
	NOE - EL Alley		
N Top Cb	1.10	377.29	
Dirt	1.4	377.0	
Cb	1.82	377.17	
Gutter	1.7	376.7	
½	1.5	376.9	
℄	1.4	377.0	
½	1.9	376.5	
Gutter	2.0	376.4	
Cb	1.55	376.84	
S Top Cb	1.05	377.34	
Dirt	1.5	376.9	
	180'E		
SCb in Drive	1.94	376.45	
Gutter	1.9	376.5	
½	1.7	376.7	
℄	1.3	377.1	
½	1.4	377.0	
Gutter	1.4	377.0	

Monroe Av. 37839

N Cb	1.06	377.33
200' E		
N Cb in Drive	1.52	376.87
Gutter	1.5	376.9
¼	1.3	377.1
℄	1.1	377.3
¼	1.5	376.9
Gutter	1.5	376.9
S Cb	1.03	377.37
225' E		
S Cb	0.90	377.49
Gutter	1.4	377.0
¼	1.3	377.1
℄	0.9	377.5
¼	1.0	377.4
Gutter	1.0	377.4
N Cb	0.69	377.70
250' E		
N Cb	0.60	377.79
Gutter	0.9	377.5
¼	0.9	377.5
℄	0.8	377.6
¼	1.0	377.4
Gutter	1.1	377.3
S Cb	0.68	377.71
275' E		

37839

S Cb	0.46	377.93
Gutter	0.9	377.5
¼	0.8	377.6
℄	0.5	377.9
¼	0.6	377.8
Gutter	0.6	377.8
N Cb	0.38	378.01
300' E = N.L. Oregon		
N Cb	0.17	378.22
Gutter on Paving	0.78	377.61
¼ " "	0.84	378.15
℄ " "	0.13	378.26
¼ " "	0.81	378.08
Gutter " "	0.78	377.61
S Cb	0.12	378.27
N Cb of Oregon		
S on Paving	0.65	377.74
Cb " "	0.55	377.84
¼ " "	0.84	378.15
℄ " "	0.10	378.29
¼ " "	0.22	378.17
Cb " "	0.53	377.86
N " "	0.60	377.79

Alley Block 195 City Heights
From University to Lincoln
Between Boundary and 33rd St.

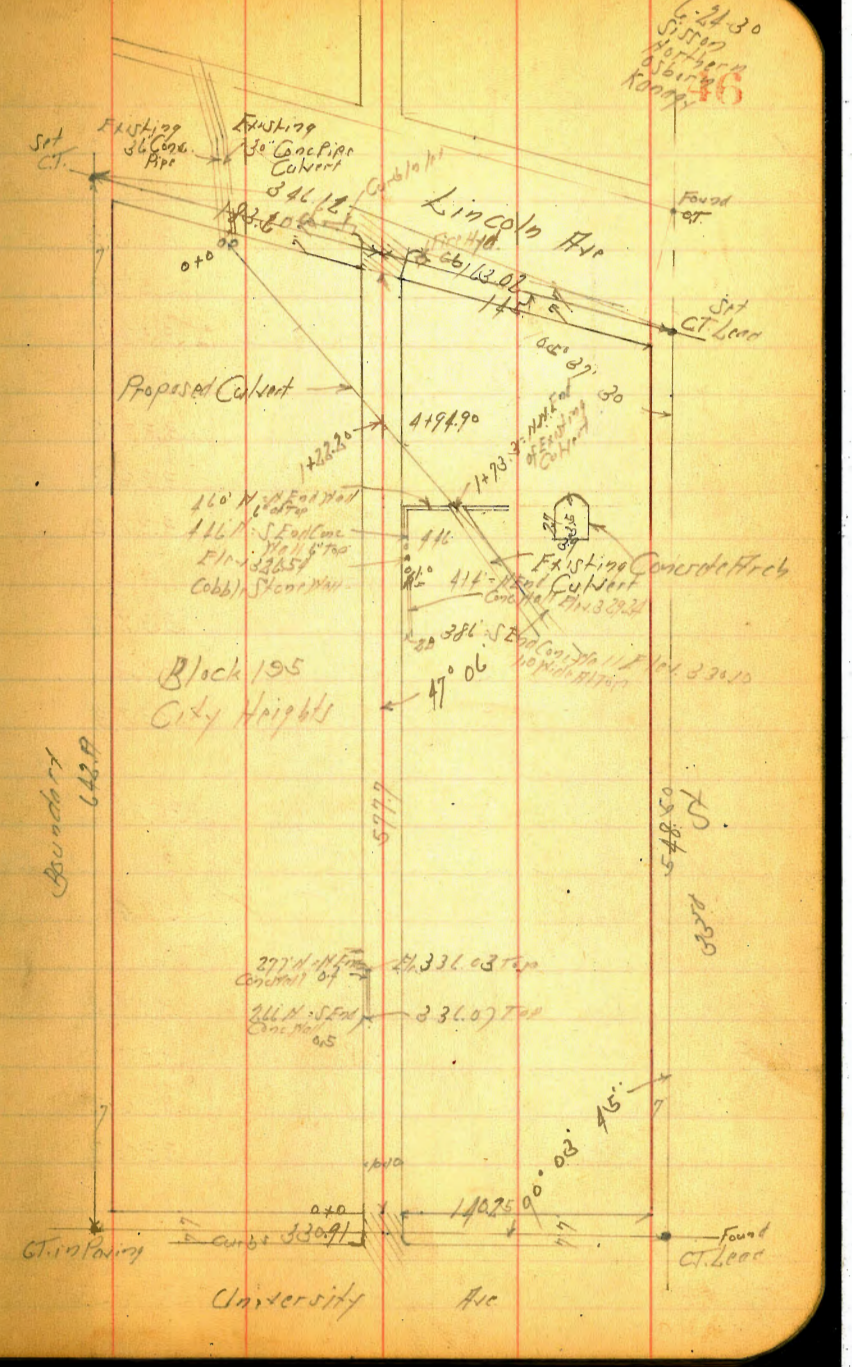
20' Wide

BM	L43	33987	333.44	NW BP University & Boundary
		N Cb of University		
W	on Paving		18.96	326.91
℄	" "		18.25	326.62
E	" "		18.57	326.30
		N.L. of University		
E	Top Cb		14.68	327.19 ✓
	Gutter on Paving		18.68	327.19 ✓
℄	" "		18.60	327.27 ✓
W	Gutter " "		12.16	327.71 ✓
W	Top Cb		11.90	327.97 ✓
		5' N of N.L. University		
N			4.6	3352
+4			10.9	329.0
℄			11.3	3285
+4			10.6	3292
E			8.8	3360
		25 N.		
E			8.0	3369
+4			8.4	3365
+6			6.3	333.6
℄			7.0	332.9
+6			6.8	3331
+8			8.1	3368
W			2.3	337.6

Plotted 6-26-30 CBH

6-24-30
Sitton
Northern Electric Survey

46



339.87

50' N of N L Univ

W		2.9	337.0
℄		2.7	336.2
+5		3.7	336.2
+6		2.9	337.0
E		2.8	337.1
	75' N		
E		2.6	337.3
℄		3.1	336.8
W		2.7	337.2
	100' N		
W		2.2	337.7
℄		3.0	336.9
E		2.6	337.3
	125' N		
E		3.7	336.2
℄		2.8	337.1
W		2.5	337.4
	150' N		
-0.6 = ℄ Garage Dirt Floor		2.7	337.2
W		2.8	337.1
℄		3.2	336.7
E		3.7	336.2
TP	2.33 339.15	3.05	336.82
	175' N		
E		3.6	335.5

339.15

℄		2.6	336.5
W		1.6	337.5
	200' N		
W		2.1	337.1
+2		2.2	337.0
+3		3.1	336.1
℄		3.4	335.8
E		4.3	334.9
+5.5 = Conc Porch with 4 St Steps Down		3.85	335.30
	229' N		
-2.7 = S End Dr. Garage Dirt Floor		5.9	333.3
E		5.7	333.5
℄		4.2	335.0
W		3.5	335.7
	249' N		
W		3.9	335.3
℄		4.8	334.4
E		6.8	333.4
+3.4 = N End Dr. Garage Dirt Floor		5.9	333.3
	281' N		
E		4.2	3350
℄		4.8	3344
W		4.7	3345
+0.6 = Conc Apron		4.70	334.45
+2.2 = S End Dr. Garage Conc Floor		4.68	334.52

47

33915

300'N		
-2.6 = N End DeGarage Conc Floor	4.64	334.51
-0.8 = Edge Conc Apron	4.67	334.48
W	4.7	334.5
℄	5.4	333.8
+7	5.0	334.2
E	5.8	333.4
+10	9.4	329.8
330'N		
-10	10.4	328.8
E	7.2	332.0
℄	7.3	331.9
W = ℄ Garage Dirt Floor	6.7	332.5
365'N.		
W	7.0	332.2
℄	7.6	331.6
+6	8.2	331.0
E	9.7	329.5
+10	11.7	327.5
394'N		
-10	13.3	325.9
-1.7 = E Edge Conc Wall	9.18	329.99
E	9.0	330.2
℄	8.2	331.0
W = ℄ Garage Conc Floor	7.65	331.50
425'N.		

305'N = Garage Dirt Floor

39' W of W ℄

6.0 = 334.2

33915

W	9.7	329.5
℄	11.0	328.2
E on Cobble Stone Wall	11.7	327.5
+2	13.5	325.7
+10	13.5	325.7
450'N		
-10	13.5	325.7
-1	13.6	325.6
E on Top Conc Wall	13.59	326.59
℄	13.6	326.6
W	10.9	328.3
+5	10.0	329.2
460'N		
-5	11.0	328.2
W	13.1	327.1
℄	13.3	325.9
E	13.0	326.2
Top Wall	12.71	326.44
+1	14.0	325.2
+10	14.5	324.7
475'N		
-10 = Bottom Wash	17.9	321.3
E	15.4	323.8
℄	15.0	324.2
W	13.6	325.6
+5	12.3	326.9
TP 488	332.54	11.49 321.66

332.54

Proposed Drain See Page 46

0+0 Flow Line 24" Pipe	8.23	324.27	
Flow Line 31" Pipe	8.13	324.37	
+4	8.2	324.3	
+5	4.6	327.9	
+25	1.6	330.9	
+55	8.4	324.1	
+73	8.6	323.9	
1+0	5.9	326.6	
+22.2 on ℄ Alley Pole	8.28	324.22	
+32.	10.2	322.3	
+33 - N End Existing Arch Culvert Flow Line	11.37	320.63	

505' N

-10	5.2	327.3	4.97 N ℄ Alley = Manhole on Rim 6.89 = 325.65
N	7.6	324.9	
℄ = Bottom Ditch	9.5	323.0	
E	8.2	324.3	
+10	4.4	328.1	

519' N

+8	0.0	332.5	
E	2.5	330.0	
℄	8.3	324.2	
W = Bottom Ditch	9.1	323.4	
+10	8.8	323.7	

332.54

521' N

-10			8.8	323.7
W			4.3	328.2
℄			0.7	331.8
E			1.3	331.2
+2			0.0	332.5
+5			+2.5	335.0
TP	8.46	340.63	0.37	332.17

537' N

E		4.6	336.0
℄		4.6	336.0
W		11.1	329.5
+10		12.4	328.2

552' N

-10		8.7	331.9
-4		5.0	335.6
W		5.0	335.6
℄		5.1	335.5
E		4.2	336.4

572' N

E		8.50	338.13
℄		1.4	339.2
W		1.5	339.1

580.5 Non W
574.9 Non E.L. Lincoln Hwy
W on Top of Curb 4.30 336.33
Gutter on Paving 4.46 336.17

340.63

℄			4.40	336.03	
E Gutter of Pavement			4.34	336.29	
E Top Cb			4.04	336.59	
	S Cb of Lincoln				
E of Pavement			4.80	335.83	
℄	"		4.96	335.67	
W	"		5.12	335.51	
TP	513	345.37	0.39	340.24	
BM			11.90	333.47	Chisel Square on 333.47

Profile of Drain

		3.0	328.65	
0+00	End of ℄ Drain	7.3	321.3	
+15		5.8	322.8	
+22		5.6	323.0	
+31		5.2	323.4	
+33		6.4	322.2	
+47		6.0	322.6	
+49		5.1	323.5	
+56	℄ Alley 5+02	5.3	323.3 325.65	on M.H.
+65		4.9	323.7	
+80		4.6	324.0	
1+00		4.8	323.8	
	Wall	335.6		
3+94		6.2 5.9 7.2	330.4 330.7 329.4	

Alley Block 56 Park Villas
From Dwight to Landis
Between 33rd & Fallon
Re Cross Section See Book 1200 Page 75

15' Wide

BM	7.52	33447		328.95	SE BP Dwight & Fallon		
		N Cb of Dwight					
E of Paving			5.99	328 48	✓		
"			6.01	328 46	✓		
W			6.03	328 44	✓		
		N.L Dwight					
W			5.45	329 22	✓		
Gutter			5.49	328.98	✓		
"			5.61	328 86	✓		
E Gutter			5.46	329.01	✓		
E Top Cb			5.18	329.29	✓		
		5' N of N.L Dwight					
E			52	329 3			
"			52	329.3			
W			51	329.4			
		11' N					
W			4.6	329 9			
"			48	329 7			
E			48	329 7			
		25' N					
E			4.6	329.9			
"			44	330.1			
W			4.5	330.0			
		50' N			44 N of Garage		
W			42	3303	Apron 12.5' W. of 44		

Plotted 6-26-30 GBM

330.61 = 330.31

33447

	4.0	330.5
"	4.2	330.3
65' N		
E	4.1	330.4
"	3.7	3308
W	4.0	330.5
75' N		
W	3.9	330.6
"	3.5	331.0
E	3.9	3306
100' N		
E	3.6	330.9
"	3.1	331.4
W	3.2	331.3
115' N		
W	3.3	331.2
"	3.0	331.5
E	3.5	331.0
135' N		
E	3.3	331.2
"	3.0	3315
W	3.0	3315
147		
W	2.9	331.6
"	2.7	331.8
E	2.9	331.6

6-4430
Dist. North Harbor Canal
51

		334.47						
	150'N							
E		3.1	331.4			2.1	332.4	
℄				℄				
W		2.7	331.8	W		1.8	332.7	
	175'N				270'N			
W		2.9	331.6	W		2.0	332.5	
℄				℄		2.2	332.3	
E		2.8	331.7	E		2.1	332.4	
					300'N			
℄		2.6	331.9	E		2.0	332.5	
E		3.0	331.5	℄	on Man Hole Rim	2.11	332.36 ✓	
	200'N			W		2.0	332.5	
E		2.7	331.8	TP	4.93 337.27	2.13	332.34	
℄		2.4	332.1		324'N			
W		2.6	331.9	W		1.5	332.8	
	225'N			℄		1.6	332.7	
W		2.2	332.3 ✓ 233'N = ℄ Garage	E		1.8	332.5	
℄		2.3	332.2 42'W of W.L. Conc Floor		+5.5 = ℄ Garage Dirt Floor	1.9	332.4 ✓	
E		2.1	332.4 2.0 = 332.47		347'N			
	245'N			E		1.9	332.4	
E		2.2	332.3	℄		1.9	332.4	
℄		2.1	332.4	W		1.5	332.8	
W		2.3	332.2		361'N			
	252'N				-9.1 = S End Do Garage Conc Floor	4.10	333.17 ✓ ✓	
W		2.0	332.5	W		4.7	332.6 38'W = N End Do. Garage	
℄		2.0	332.5	℄		5.1	332.2 95'W of W.L. Conc Floor	
E		2.2	332.3	E		5.0	332.3 #17 333.10	
	285'N				-2.4 = ℄ Garage Dirt Floor	4.9	332.4 ✓	
E		2.2	332.3					

337.27

380'N

E

℄

W

388'N

W

℄

E

400'N

E

℄

W

425'N

W

℄

E

450'N

E

℄

W

440'N

W

℄

E

475'N

E

53 332.0

51 332.2

50 332.3

52 332.1

54 331.9 392'N = ℄ Garage

54 331.9 2.1 E of E.L. Dirt Floor

5.50 331.77

55 331.8

53 332.0

52 332.1 /

416'N = ℄ Garage 9.5'W of W.L. Dirt Floor

53 332.0

55 331.8 46 = 332.7

57 331.6 /

440'N = ℄ Garage Dirt Floor

57 331.6 9.5'W of W.L.

58 331.5 48 = 332.5

56 331.7

54 331.9

57 331.6

56 331.7

52 332.1

337.27

℄

W

489'N

W

℄

E

500'N

E

℄

W

514'N

W

℄

E

530'N

E

℄

W

542'N

-10.2 = ℄ Garage Dirt Floor

W

℄

E

555'N

E

℄

56 331.7 53

52 332.1

47'N = ℄ Garage

56 332.9 9.7 W of W.L. Dirt Floor

52 332.1 44 = 332.9

53 332.0

55 331.8 504'N = ℄ Garage on E.Line Conc Floor

54 331.9

47 332.6 510 332.17

41 332.5 513'N = ℄ Garage

52 332.1 10'W of W.L. Dirt Floor

49 332.4 35 = 333.8

48 332.5

47 332.6

41 332.7

33 334.0

42 332.9

46 332.7

48 332.5

46 332.7

43 333.0

3.37.87

W		42	333.1
	575'N		
W		39	333.4
℄		43	333.0
E		46	332.7
	588'N		
E		47	332.6
℄		48	332.5
W		40	333.3
	593'N		
W		40	333.3
+2		42	333.1
+4		50	332.3
℄		51	332.2
+3		54	331.9
E		48	332.5
	598'N		
E		49	332.4
+5		41	331.2
℄		58	331.5
+5		58	331.5
W		41	333.3
	600.5' = SL Landis		
W Top Cb		606	331.21 ✓
Gutter on Paving		620	331.07 ✓
℄ " "		663	330.64 ✓

3.37.87

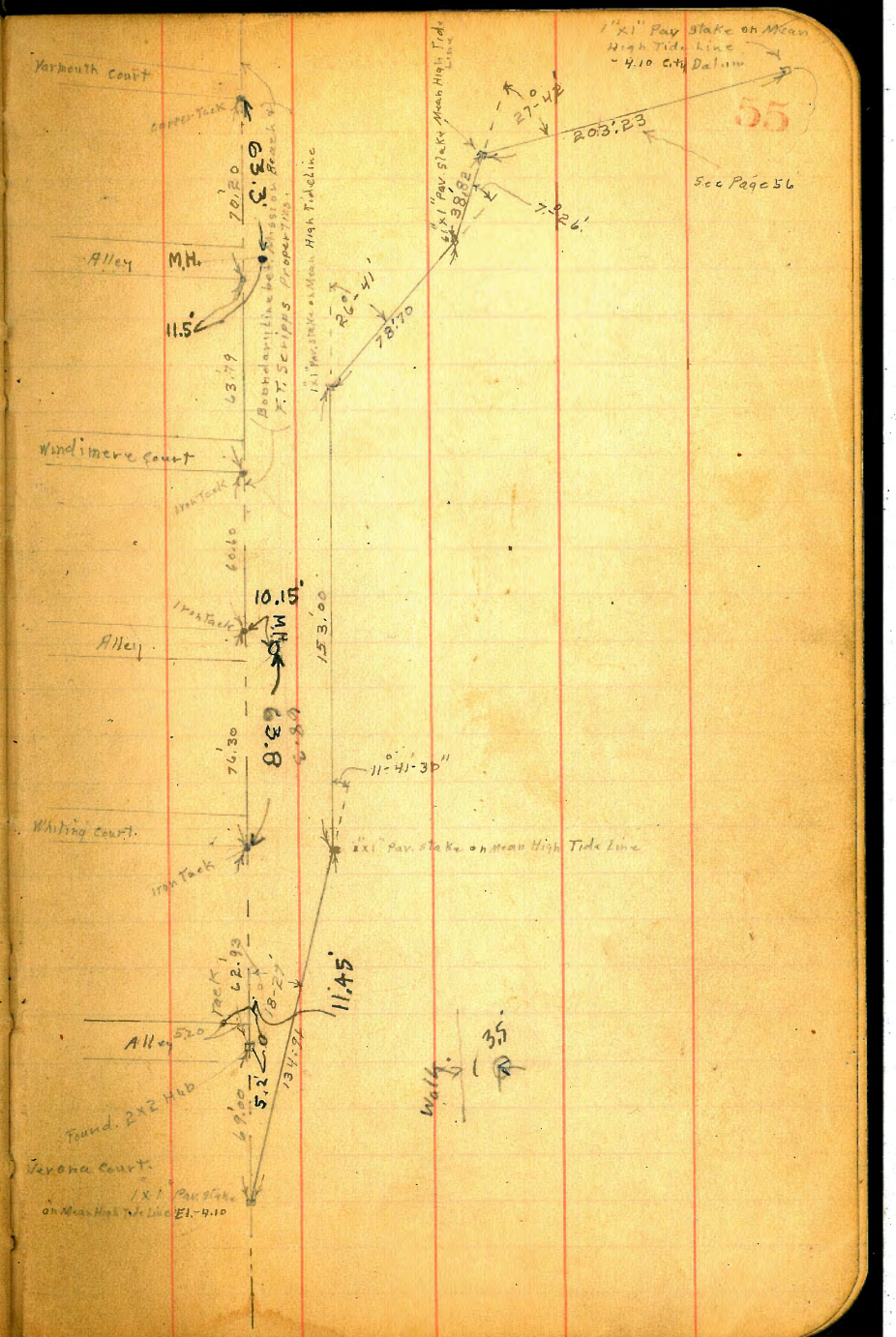
54

E Gutter on Paving			611	330.61 ✓	
E Top Cb			654	330.71 ✓	
	S ℄ of Landis				
E on Paving			731	329.96 ✓	
℄ " "			712	330.15 ✓	
W " "			683	330.44 ✓	
TP	371	334.34	664	330.63	
BM			525	329.09	NE BP Landis & Boundary 329.04

Mean High Tide Line Mission Bay from Verona Court North

9-19-30 Smith Sommerweger Osborne

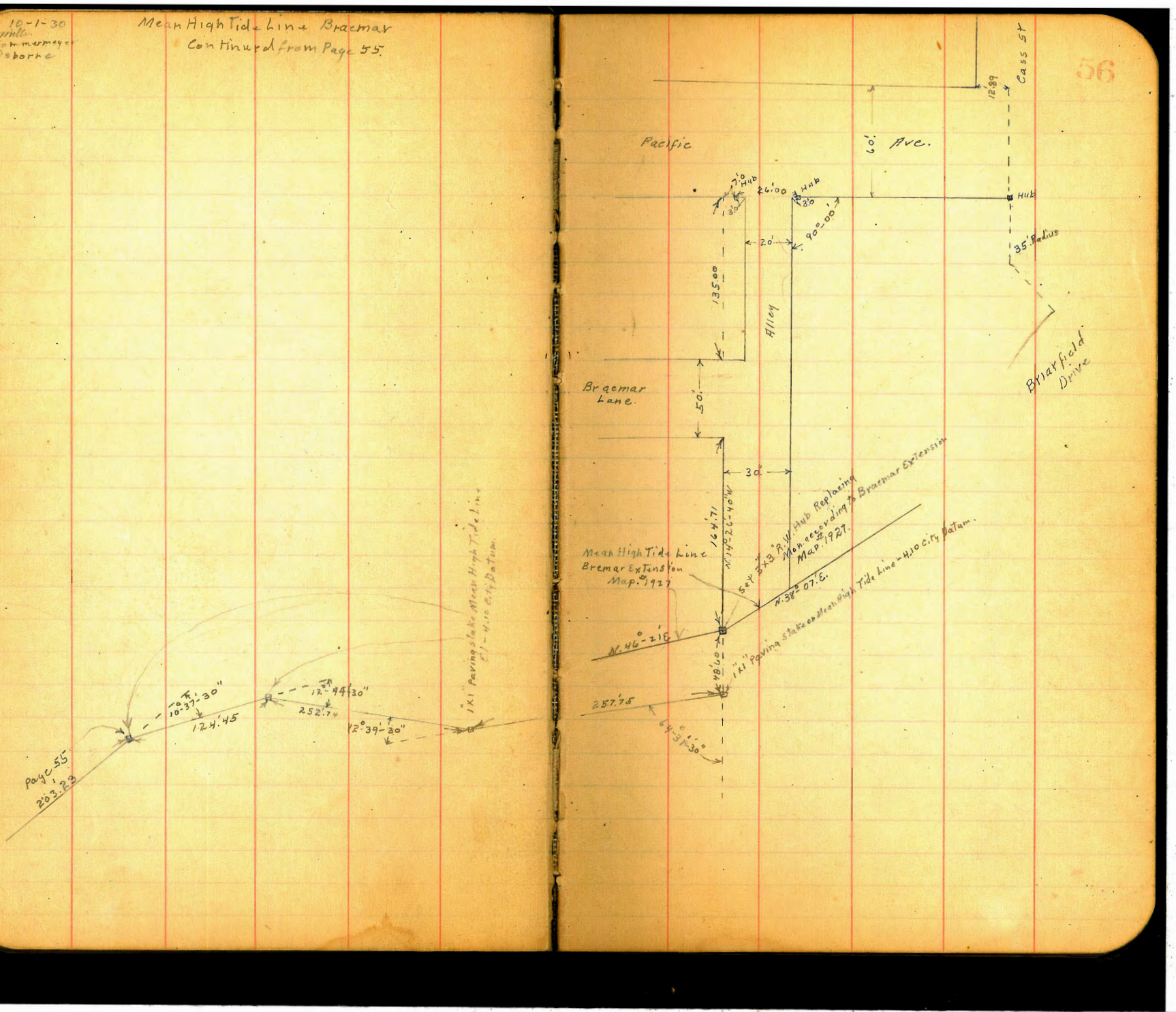
				N.W. Mission Bch
B.M. Tack	5.08	T + 4.06	−1.02	Brannan St
Mean High Tide Line − 4.10 City Datum			8.16	
			7.28	N.E. B.P. Mission
			−9.01	Pacific
				E. Boarf. old dr.
			9.57	W. el. S. end.
			−9.0'	
B.M.	4.96	5.52	+0.56	City Datum
		9.62	−4.10	Mean High Tide



10-1-30
mills
Sommermeyer
Osborne

Mean High Tide Line Braemar

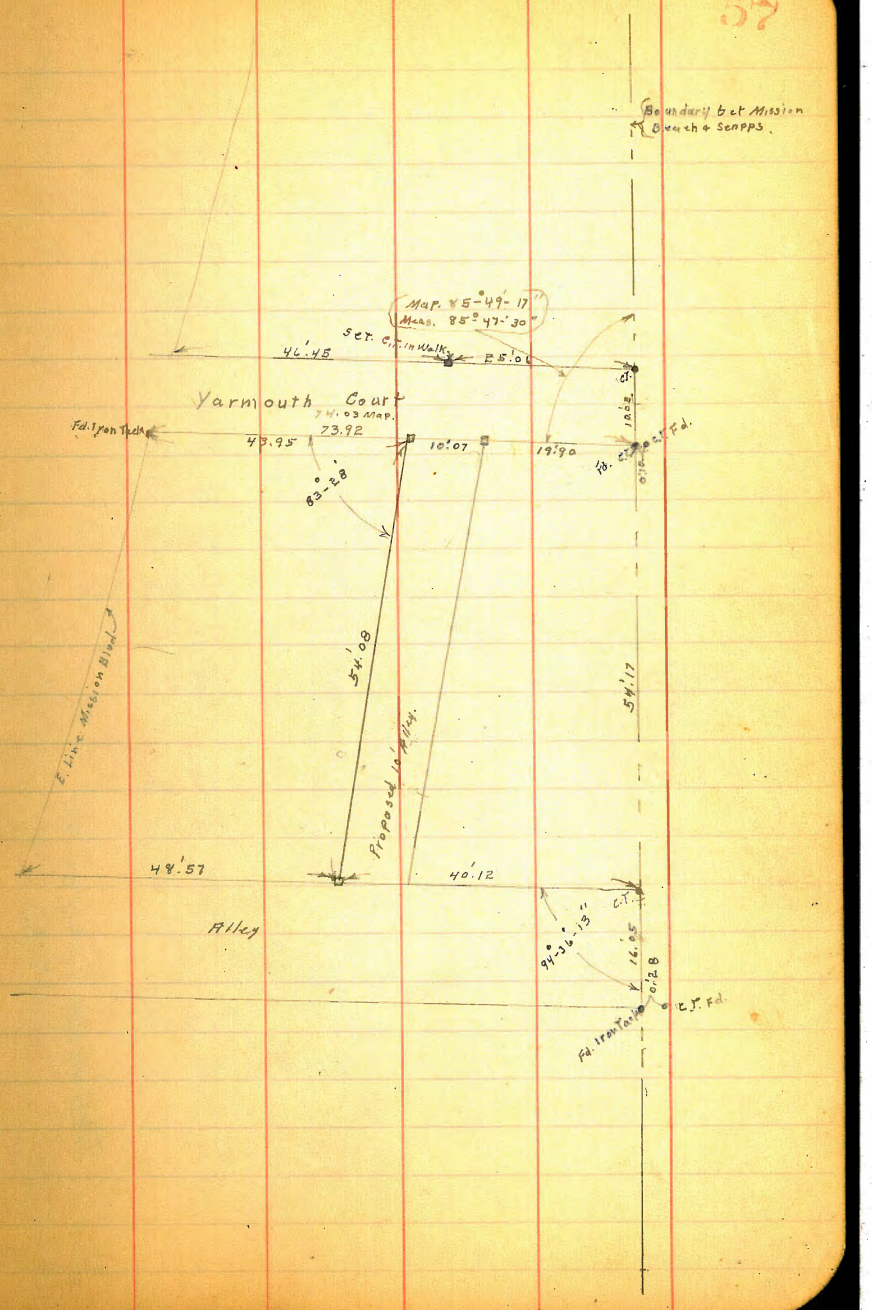
Continued from Page 55



Survey Blk R40
Mission Beach

11-28-31
Miller
Walker
Bliss

57



10-14-30 X See Walk & Curb W. side 5th Ave
Millar
Sommermeyer Bet Ash & Beech
Osborne
Carnagy.

BM	8.68	88.15	79.47	N.W. Cor Ash & 5th Ave

N. eb. Line Ash.

W. Line 5th gutter pavmt	9.37	78.78
" " " Top cmt. cb.	8.74	79.41
4' C. " " "	8.68	79.47
4' " gutter	9.38	78.77
14' E. pavmt.	9.62	78.53

5' N. of N. eb. Line

W. Line 5th on cmt. walk	8.63	79.52
10' E. " " "	8.68	79.47
12.1 E " " "	8.54	79.61
12.8 E Top curb	8.67	79.48
12.9 E gutter	9.41	78.75
14' E pavmt	9.52	78.63

10' N. of S. eb. Line

W. Line cmt. walk	8.49	79.66
10' E " "	8.66	79.49
14' E " curb	8.73	79.42
14' E gutter	9.40	78.75

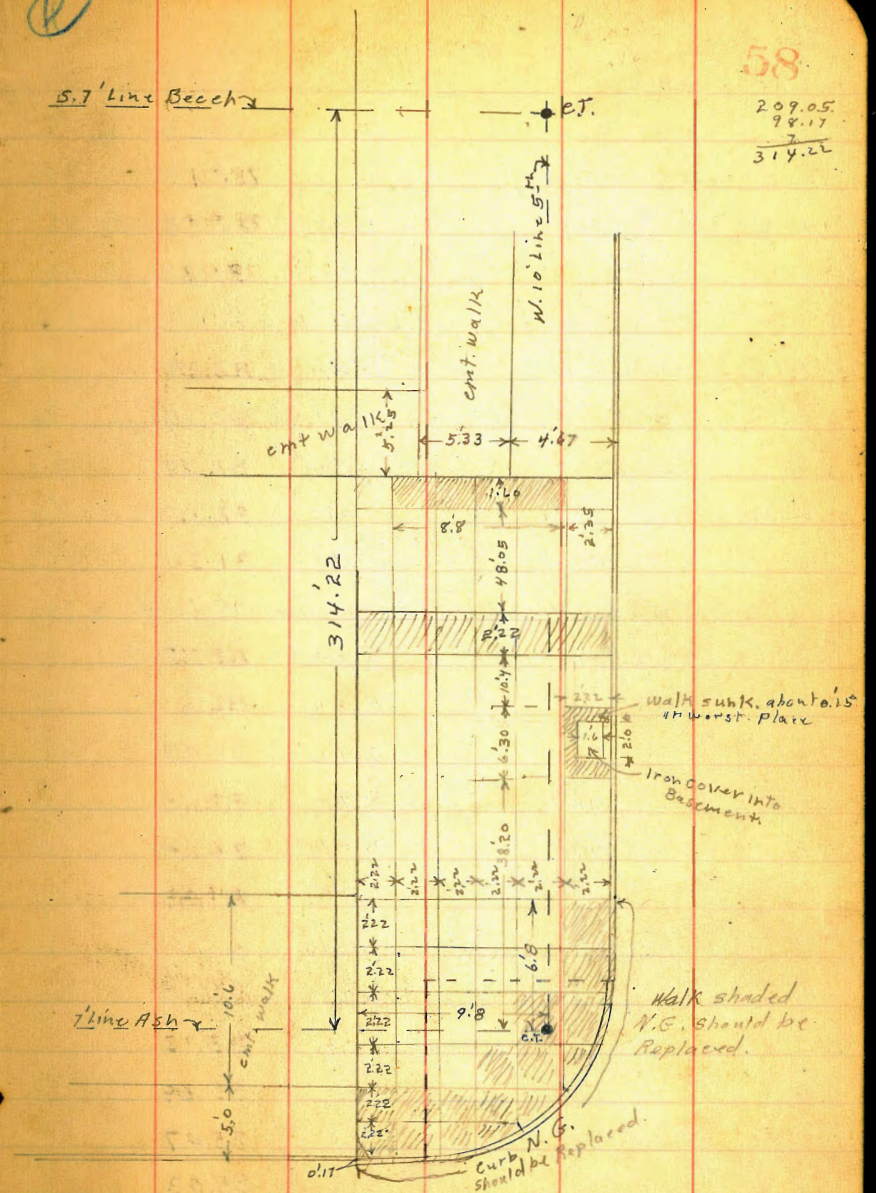
14' N. of N. eb. Line = N. Line Ash.

W. Line on cmt. walk	8.40	79.75 ✓
10' E " "	8.61	79.54
14' E " curb	8.68	79.47
" " gutter	9.32	78.83

Reduced 10-16-30 L.P.L.

58

209.05
98.17
7
314.22



Profile 20' = 5'

8.8.15

47.90 N. of N. line Ash.

W. line on cmt. walk	5.86	82.29
5' E. " " "	5.91	82.24
10' E " " "	6.03	82.12
14' E " " curb	6.12	82.03
" gutter	6.82	81.33

50.12 N. of N. line Ash. on walk to S.

W. line cmt. walk	5.76	82.39
5' E. " "	5.77	82.38
10' E. " "	5.86	82.29
13.33 E " walk	5.93	82.22
14' E " curb	6.01	81.54

50.13 N. of N. line Ash. on walk to N.

W. line cmt. walk	5.80	82.35
5' E. " "	5.84	82.31
10' E " "	5.92	82.23
13.33 E " "	5.96	82.19
14' E. " curb	6.01	82.14
gutter	6.76	81.39

98.17 N. of N. line Ash.

W. line on cmt. walk	3.00	85.15
2.85 E. " " "	3.03	85.12
4.00 E " " "	3.06	85.09
9.33 E. " " "	3.08	85.07
10.89 E. " " "	3.12	85.03
14' E " " curb	3.22	84.93
gutter	3.98	84.17

88.15

5th Bet Ash & Beech

59

99.77 N. of N. line Ash.

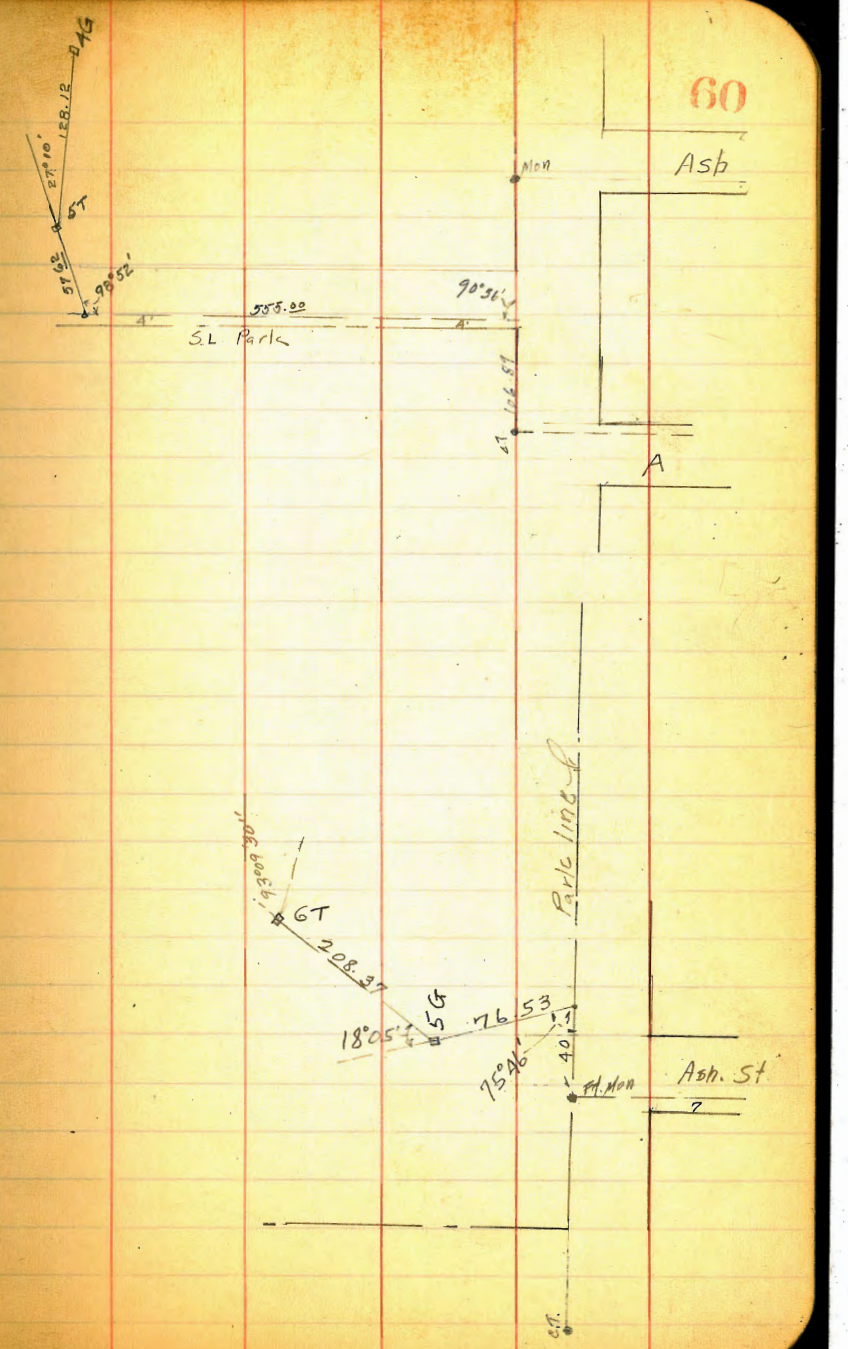
W. line on cmt. walk	2.93	85.22
2.85 E " " "	2.95	85.20
4.00 E " " " to S	2.94	85.21
9.33 E " " " " "	2.96	85.19
10.89 E " " " "	3.04	85.11
14' E " " curb	3.13	85.02

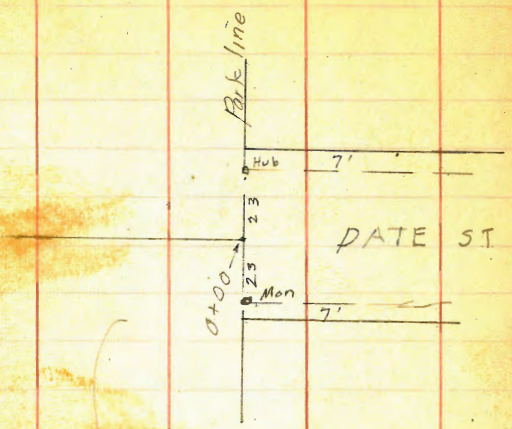
99.80 N. of N. line Ash.

W. line on cmt. walk	2.93	85.22
2.85 E " " "	2.94	85.21
4.00 E " " " to N	3.02	85.13
9.33 E. " " " " "	3.02	85.13
14' E. " " curb	3.13	85.02
gutter	3.88	84.27

Balboa Park Golf Course 1/22/31 Loudon.

	Dist	Defl.
1 T	9+74 40	
1 G	2+18 39	21°59 Rt.
2 T	4+67 42	150°50'30" Rt
2 G	112.22	93°37'30" Lt.
3 T	422.77	18°09'30 R
3 G	134.50	11°33' R
4 T	582.27	92°41' R
L	598.84	19°05' L
4 G	128.12	14°52'30" R
5 T		
5 G	208.37	18°05' R B.S. Point 40' N of Mon.
6 T	1074.71	93°09'30 R
6 G	213.37	123°25' L
7 T	764.81	27°49' L
7 G	120.98	36°21' R
8 T	707.50	133°00'45" R
8 G	125.40	101°18'45" L
9 T	607.78	79°32'45" L
9 G	140.40	26°10' R
1 T	974.40	130°11'15" R
1 G		





0+00

0+67^{25} B.C

Δ = 28°25' R
R = 150
T = 37.98
L = 74.39

1+41^{41} P.R.C

Δ = 48°22'30" L
R = 149.64
T = 67.21
L = 126.34

2+67^{75} E.C.

2+85^{81} B.C.

Δ = 75°06'30" R
R = 150
T = 115.32
L = 196.63

4+82^{44} P.R.C

Δ = 106°59' L
R = 91.16
T = 123.16
L = 169.30

6+51$^{74}_{84}$ E.C.

6+60^{15} B.C.

Δ = 52°16' L
R = 150
T = 73.59
L = 136.83

7+96^{98} E.C.

9+22^{39} = ℄ existing Road

Proposed Road from Date St
to Existing Road West

(35 feet wide 15' Right of ℄
20' Left of ℄ (5' path)

62

0+00

0+08 82 B.C. — Δ = 15°00' R
R = 200
T = 26.33
L = 52.36

0+60 98 P.R.C. — Δ = 15°00' L
R = 200
T = 26.33
L = 52.36

1+13 34 E.C.

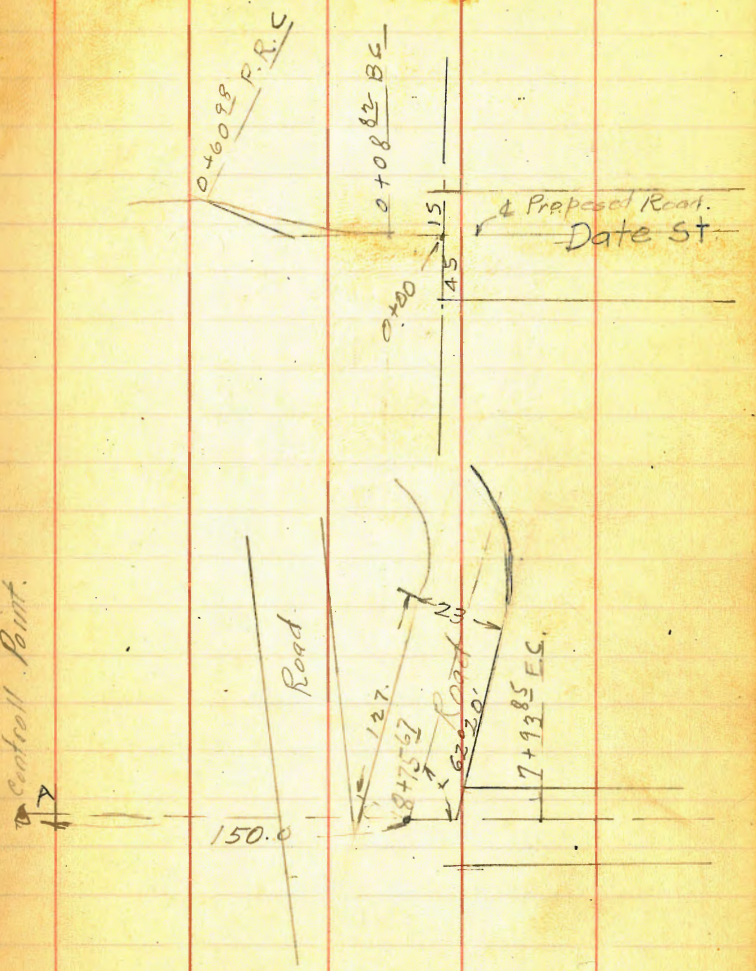
3+31 43 B.C. — Δ = 37°51' R
R = 200
T = 68.57
L = 132.12

4+63 55 P.R.C. — Δ = 75°42' L
R = 150
T = 116.56
L = 198.18

6+61 73 P.R.C. — Δ = 37°51' R
R = 200
T = 68.57
L = 132.12

7+93 85 E.C.

8+75 67 ℄ Exist Road



Location of existing road in Golf Course. Shots on ℄ 23 feet wide.

Inst at Control A BS: 00 8+75.67

	Dist.	Defl.
1	114.0	179°47' R
2	121.0	161°50'
3	142.0	148°52'
4	214.0	133°56
5	270.0	124°35'
6	312.0	115°22'
7	347.0	107°07'
8	387.0	99°58'
9	402.0	94°43'
10	400.0	88°44'
11	386.0	83°10'
12	355.0	79°03'
13	301.0	68°19'
14	268.0	52°36'
15	322.0	52°10 L
16	392.0	53°16'
17	441.0	58°20'
18	510.0	69°17'
19	575.0	73°52'
20	667.0	77°23'
21	783.0	78° 33'
22	886.0	79°00'

Road Change W of #1 Green
Tied to #2 Tee.

0+00 BC

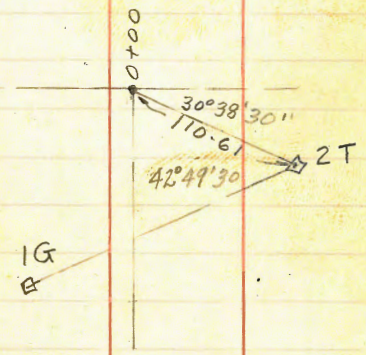
$\Delta = 36°32'30''$ L
R = 300
T = 99.07
L = 191.33

$1+91\frac{33}{}$ E.C.

$4+20\frac{11}{}$ B.C.

$\Delta = 41°36'$ R
R = 200
T = 75.97
L = 145.21

$5+65\frac{32}{}$ E.C.



Location + X Sec. Alley Blk 196. City Hgts

3-19-31
Miller
Sommermeyer
Osborne.

S.W. (N. side) 33rd St & Univ Ave.

B.M. B.P.	10.15	332.30	322.15	

No Sewer M.H. at Univ + Alley or alley to Lincoln

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

W. on emt. ch	5.96	326.34
W. gutter pavmt	6.41	325.89
℄ " "	6.16	326.14
E. " "	5.92	326.38
E. emt. ch.	5.32	326.98

00 = N. Line Univ

E. Line	5.09	327.21
0.25 W. = Face Alley Curb & pavmt	5.09	327.21
℄ "	5.56	326.74
W. on pavmt.	5.58	326.72

N. 9.'0 of Alley Return on W. N. G. should be Replaced

25.'N.

W-50.'	7.3	325.0
W.	5.5	326.8
℄	4.9	327.4
E.	4.4	327.9

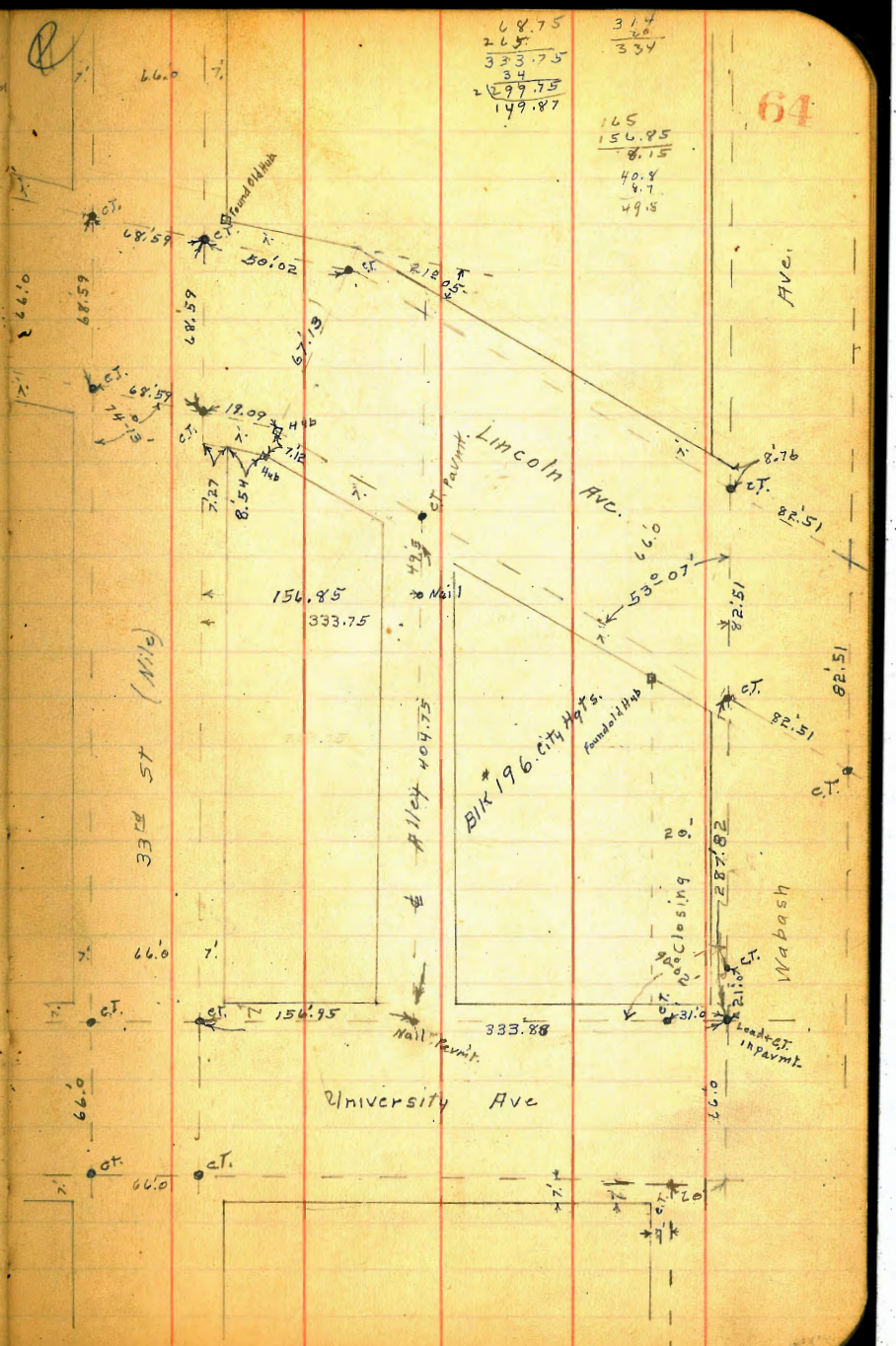
12.'N

0.5 W. of E. Line Eucalyptus. Tree 10" Diam.

50'N

E	3.9	328.4
℄	4.0	328.3
W	4.6	327.7

Platted March 23-31. C.D.H.



64

	332.30			
	92'N. Garage on E	cmt. floor	4' Back	
W-50'		4.5	327.8	
W		2.5	329.8	
℄		2.2	330.1	
E		1.7	330.6	
+4. floor		1.6	330.7	
	109'N. Garage on W.	cmt. floor	5.8' Back	✓
E		1.2	331.1	
℄		1.3	331.0	
W.		1.7	330.6	
+1.3 = E. End cmt. Apron		1.73	330.57	✓
+5.8		1.37	330.93	✓
T.P.	10.95 342.58	0.67	331.63	
	164'N. { S. End Board Garage on E. 0.9 in Alley			
	Garage on W.	dirt floor	5' Back	✓
W-5 floor		10.1	332.5	
W		10.0	332.6	
℄		9.5	333.1	
E		9.3	333.3	
	179'N. garage Door on E	dirt floor	0.9 in Alley	
E+0.9	floor	8.7	333.9	
	192'N garage Door on E.	dirt floor	0.8 in Alley	
E. in garage		8.4	334.2	
E+0.8 edge Garage		8.4	334.2	
℄		8.2	334.4	
W		8.2	334.4	
	199.6 N. = N. End Board garage on E.		0.8 in Alley.	

	342.58			
	205'N garage on W.	dirt floor	4.5 Back	✓
W-4.5 floor		8.2	334.4	✓
	218'N garage on W.	dirt floor	4.5 Back	✓
W.-4.5 floor		7.5	335.1	✓
W		7.6	335.0	
℄		7.2	335.4	
E.		6.9	335.7	
	230'N.			
E		6.4	336.2	
℄		6.6	336.0	
W		6.6	336.0	
	260'N. double garage on E.	dirt floor	3.1 Back	✓
E-3.1		4.0	338.6	✓
E		4.5	338.1	
℄		4.9	337.7	
W		5.1	337.5	
	274'N, garage on E.	cmt. floor	2.5 Back	✓
2.5 E. of E. Line	floor	3.20	339.38	✓
2.9 in Alley = W. end cmt Apron N.G.		4.04	338.54	✓
	285'N.			
W-50		8.8	333.8	
W-12		7.2	335.4	
W-5		3.9	338.7	
W		4.2	338.4	
℄		3.8	338.8	
E		3.6	339.0	

342.58

320' N.

E	2.8	339.8	
℄	3.3	338.3	
W	3.6	338.0	

360' N

W	2.6	340.0	
℄	2.3	340.3	
E.	2.0	340.6	

→ 350' N. on W. pin. Lester Mills wishes grade on this for Garage ✓

N. on pin	2.53	340.05	✓

398' N.

E	1.3	341.3	
℄	1.4	341.2	
W	1.7	240.9	

404.75 N. on ℄ = S. line Lincoln - on diagonal

W. on cmt. cb.	1.32	341.26	✓
W " pavmt.	1.49	341.09	✓
℄ " "	1.61	340.97	✓
E " "	1.17	341.41	✓
E " cmt. cb	0.98	341.60	✓

S. cb line Lincoln

E. on cmt. cb	1.13	341.45	✓
E. " pavmt.	1.70	340.88	✓
℄ " "	1.79	340.79	✓
W " "	2.03	340.55	✓
W " cmt. cb	1.43	341.15	✓

342.58

Alley Blk 196 City Hts.

66

℄ Lincoln Ave

℄ Alley	Existing Sewer M.H.			5.58	337.00 F.L.
	. This Sewer Runs S. on ℄ Alley				
T.P.	0.69	331.97		11.30	331.28 ✓
chk original B.M.				9.82	322.15 ✓

Sewer Notes in Alley bet Nile & Wabash

B.M. B.P.	7.53	329.68			322.15 S.W. Nile & Univ Ave

20' S. of S. line Univ Ave

℄ Alley M.H. Top				4.80	324.88
" " " F.L.				13.82	315.86
T.P.	7.28	336.80	275.0 S. of M.H. & Lincoln	0.16	329.52
			180' N. of N. line Univ Ave & M.H		
℄ Alley M.H Top.				3.25	333.55
" " " F.L.				10.20	326.60

Cross Section Sterner St
Rosecrans to Locust

Indexed
C.S.#.

76' Wide
18 Cb's
8.5 Q's

Sta. 5+37
67 Years
S. of 07
Mon.

SW 7' Mon.
Rosecrans &
Sterner

BM	10.56	13.65		3.10	
		33' E of W.L. Rosecrans = W. Edge Paving			
S	of Edge Paving		10.92	2.93	
Cb	"	"	11.00	2.65	
¼	"	"	11.04	2.64	
½	"	"	11.07	2.58	
¼	"	"	11.10	2.55	
Cb	"	"	11.14	2.51	
N	"	"	11.17	2.48	
		18' E of W.L. Rosecrans			
11' S	of W.L. Gmtrg		11.30	2.35	
		18' E of W.L. Rosecrans = Curb Line			
N			11.2	2.5	
Cb			11.4	2.3	
¼			11.0	2.7	
½			11.6	2.7	
¾			11.3	2.4	
Cb			11.0	2.7	
S			10.6	3.1	
		W.L. Rosecrans			
S			9.7	4.0	
Cb			10.5	3.2	
¼			10.1	3.1	
½			10.2	3.5	
¾			10.5	3.2	

Photo #234 9-11-34

13.65

Cb			10.3	3.4	
N			10.6	3.1	
		5' W of W.L. Rosecrans			
N			8.3	5.4	
Cb			8.1	5.6	
¼			10.0	3.7	
½			9.6	4.1	
+3			7.7	6.3	
¼			7.4	6.3	
Cb			7.5	6.2	
S			7.7	6.0	
		30' W of W.L. Rosecrans			
S			6.4	7.3	
Cb			6.6	7.1	
¼			6.6	7.1	
½			7.2	6.5	
¾			7.3	6.4	
Cb			7.2	6.5	
+13	= ½ 15' Conc. Walk		7.60	6.7	
N			7.2	6.5	
		65' W			
N			4.3	9.4	
+4	= ½ 15 Conc. Walk		4.28	9.37	
Cb			4.4	9.3	
¼			4.7	9.0	
½			4.2	9.5	

Cross Reading St...

Sterne

	18.65		
		4.0	9.7
¼		4.2	9.5
Cb		3.7	10.0
S			
	100' W		
S		1.3	12.4
Cb		1.7	12.0
¼		1.5	12.2
¼		1.4	12.3
¼		1.7	12.0
¼		1.5	12.2
Cb			
7.15 = ℄ 1.5 Conc Walk		0.95	12.70
N		1.2	12.5
TP	1224 25837	0.58	12.18
	125' W	25.37 HI	
N		10.9	14.5
13 = ℄ 1.5 Conc Walk		10.65	14.72
Cb		10.8	14.6
¼		10.8	14.6
¼		10.8	14.6
¼		10.9	14.5
¼		10.9	14.5
Cb		10.7	14.7
S			
	180' W		
S = ℄ Garage Conc Apron		9.60	15.77
Cb		9.8	15.6
¼		10.6	15.4

25.37

68

℄	9.8	15.6
¼	9.9	15.5
Cb	10.6	15.4
15 = ℄ 1.5 Conc Walk	9.55	15.72
N	9.8	15.6
	152' W	
N Line Conc Walk = W Line End 1.5 Conc Walk	8.12	17.25
	160' W	
N	7.8	17.6
Cb	8.0	17.4
¼	7.7	17.7
℄ ¼	7.6	17.8
¼	7.7	17.7
Cb	7.8	17.6
S	7.1	18.3
S Top of Header For Prop. Garage	7.07	18.30
	180' W	
S	4.9	20.5
Cb	5.3	20.1
¼	5.5	19.9
℄ ¼	5.3	20.1
¼	5.6	19.8
Cb	5.6	19.8
S	5.5	19.9

Storm

25.37 HI

192'W

-2	-½ Garage Dirt Floor	3.9	21.5
N		3.9	21.5
Cb		3.7	21.7
¼		3.7	21.7
½		3.3	22.1
¼		3.3	22.1
Cb		3.1	21.8
S		3.1	21.8

200'W

S		2.6	22.8
Cb		2.4	23.0
¼		2.3	23.1
½		2.2	23.2
¼		2.2	23.2
Cb		2.1	22.8
N		2.1	22.8
TT	12.35 37.14	0.58	24.79

218'W

HI = 37.14

N		11.1	26.0
Cb		11.2	25.9
¼		10.9	26.2
½		10.8	26.3
¼		10.9	26.2
Cb		10.7	26.4
S		10.8	26.3

37.14

240'W

S		7.2	29.9
Cb		7.1	30.0
¼		7.0	30.1
½		6.8	30.5
¼		6.9	30.4
Cb		6.9	30.4
N		6.9	30.4

270'W

N		1.7	35.4
Cb		2.5	34.6
¼		2.7	34.4
½		2.6	34.5
¼		3.0	34.1
Cb		3.2	33.9
S		3.6	33.5
TT	12.62 49.63	0.62	37.01

305'W = E.L. Locust

HI 49.63

S		12.1	37.5
Cb		11.2	38.4
¼		10.8	38.8
½		10.3	39.3
¼		9.9	39.7
Cb		9.4	40.2
N		8.4	41.2

Locust 70' N. of 18 Cbs 8.5 Qts

69

Stamp

HI = 49.63

E C6 of Locust

N			2.1	46.5
C6			5.1	44.5
¼			6.1	43.5
½			7.0	42.6
¼			7.7	41.9
C6			8.1	41.5
S			9.1	40.5

E ¼ Locust

S			7.7	41.9
C6			6.5	43.1
¼			5.5	44.1
½			4.3	45.3
¼			3.6	46.0
C6			2.6	47.0
N			0.8	48.8
TP	11.22	60.73	0.12	49.51

½ Locust

HI = 60.73

N			9.3	51.4
C6			11.1	49.6
¼			12.3	48.4
½	on MH Cover		13.67	47.06
¼			14.3	46.4
C6			15.2	45.5
S			16.6	44.1

60.73

W ¼ Locust

S			15.1	45.6
C6			12.9	47.8
¼			12.0	48.7
½			10.6	50.1
¼			9.6	51.1
C6			9.0	51.7
N			7.2	53.5

W C6 Locust

N			5.5	55.2
C6			6.7	54.0
¼			7.7	53.0
½			8.5	52.2
¼			9.5	51.2
C6			10.6	50.1
S			12.8	48.9

W. ½ Locust

S			8.2	52.5	
C6			6.2	54.5	
¼			5.0	55.7	
½			3.9	56.8	
¼			3.5	57.2	
C6			2.6	58.1	
N			1.18	59.55	on Prop Mon N.W Cor. Locust & Main
TP	0.01	49.52	11.22	49.51	
TP	0.11	37.11	12.52	37.00	

Stone

		37.11			
TP	0.42	25.20	12.33	24.78	
TP	0.67	13.79	12.08	13.12	
BM			10.69	3.10	SW 7' Mag Reference Stone 3.10

10' curb Line E. side 28th St

X See E. Side 28th St. Bet. C & E. for Sidewalk & Curb.

N.G. 175.98

B-20-32 Miller Walker 13 Liss.

N.E. 28th & C. Sts

This B.M. is Not Right. In B.M. Book (corrected C.&.K.)

177.84

Indexed 5-21-32 C.&K.

B.M. B.P.	1.79	177.84		176.05		100' S.	
		00 = S. Line C. St.			E		4.5
E. on S. End cmt.	Return	+ dirt to S.	2.36		+4		7.4
S. End. cmt.	cb.	" " "	2.77		cb		7.4
gutter S. end pavmt.		" " "	3.45		+1		8.5
5' W. " "	"	" " " "	3.41		+5		8.3
		5' S.				150' S.	
5' W. of cb			3.7		E. cb - 5		10.6
E. cb.			3.1		" " - 2		10.7
+6			2.9		cb		9.9
E.			1.2		E.		9.5
		20' S.				200' S.	
E.			2.5		E.		12.2
+5			3.5		cb		12.4
+9			3.8		+1		13.4
cb			4.1		+5		13.1
+1			4.5		T.P.	0.16	165.36	12.64	165.20
+5			4.5				250' S.		
		50' S.			E. cb - 5			3.0
5' W. of cb			6.0		" " - 2			3.2
1' " " "			6.2		E. cb.			2.2
cb			5.4		E.			1.7
+6			5.1				370' S.		
E			4.1		E.			2.5
					cb			4.7
					+1			3.9
					+5			3.9

165.36

285'S

5'W. of el		4.2
E. el		3.9
E		3.2
	300'S. = N. Line Broadway	
E		3.4
+2.5 = E. Edge N. end cmt walk		3.97
+7.5 = W. " N. " " "		4.03
N. end. cmt. el		4.14
gutter N. end pavmt.		4.92
+5' " " "		4.83
	00 = S. Line Broadway.	
5'W. of E el. S. edge pavmt.		5.86
gutter " " "		5.82
S. end. cmt. el.		5.14
+2'.5 = W. edge S. End cmt. walk		5.10
+7'.5 = E. " S. " " "		5.03
E		5.0
	2'.5.	
E		5.0
el.		4.9
+4		5.9
+5		5.9
	15'.5	
5'W. of el		6.1
3' " " "		6.1
el		5.4
E		5.2

165.36

28th St.

40'S.

E	5.1
el	5.6
+3	6.2
+5	6.2
15'S.	
5'W. of el	6.2
el	5.6
+7	5.0
E	4.5
100'S	
E	4.6
+5	5.5
el	5.4
+2	6.1
+5	6.1
130'S	
5'W. of el	6.3
3' " " "	6.2
el	5.5
+5	5.2
E.	4.5
160'S.	
E	4.4
el	5.2
+3	4.2
+5	6.3

73

165.34

190'S.

5' W. of cb	6.4
2" " "	6.4
cb	5.8
+4	5.5
E	4.6

215'S

E	5.3
+3	5.9
cb	6.2
+2	6.7
+5	6.7

250'S.

5' W. of cb	7.3
2" " "	7.1
cb.	6.7
+7	6.1
E	5.5

306'S.

E	5.7
+5	6.7
cb	7.0
+5	7.2

165.36

28.5 St

74

310'S = N. Line E. St.

5' W. of cb	7.2		
gutter	7.1		
N. End cmt. cb. Return	6.89		
E. line N. End cmt. Return	6.58		
chk BM. B.P	7.36	158.00 =	S.E. 28th & E. Sts. 158.00 ±
chk BM. Mon.	1.74	163.62 = 163.62	N.E. 28th & Blow.

2-28-35
Walker
81.55.

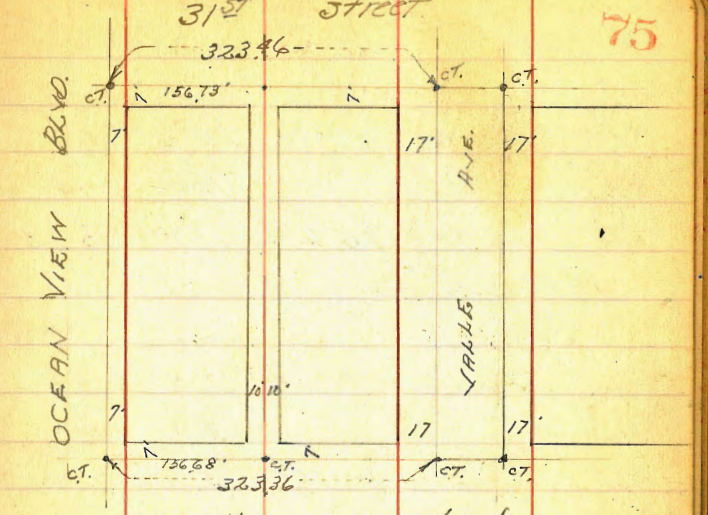
CROSS SECTION ALLEY

Block 337 CHAPTERS ADD
Bet. Ocean View and Valle Ave
From East Line 30th St. To N Line 31st St.

0.17	88.20		88.03
0 - 14 = E cb. Line 30th			
-3' = N Top cb P.C. alley Ret.		7.00	81.20
-3' on con Gut. at P.C. Alley Ret.		7.49	80.71
℄ Alley on Paving		7.90	80.30
S.L. +3' on "		8.37	79.83
" " " Top cb at P.C. Alley Ret.		7.80	80.40
0+90 = East Line 30th			
South +0.2' = S Top cb.		7.49	80.71
" Gut. on Pav.		7.65	80.55
℄ " Pav		7.70	80.50
N Gut on Pav.		7.19	81.01
N Top cb		6.85	81.35
0+02			
N.L.		6.1	82.1
+4'		7.3	80.9
℄		7.6	80.6
+8'		7.4	80.8
S.L.		4.7	83.5
0+25			
S.L.		5.0	83.2
+2		5.1	83.1
+3		6.9	81.3
℄		7.0	81.2
+7		6.7	81.5

First S.P. Ocean View Blvd. & 30th St.

Alley 19.8' Bet. cbs.



88.20

0+25 cont.			
N.L.		4.5	83.7
0+50			
N.L.		6.0	82.2
+5		6.4	81.8
℄		6.4	81.8
S.L.		6.6	81.6
0+58.3 = ℄ Garage on South on Line, Conc. Floor.			
S Line on Con Floor.		6.78	81.42
0+80			
S.L.		8.4	79.8
℄		8.4	79.8
N.L.		8.3	79.9
1+00			

Alley Cross Section
Cont. from P. 75

		88.20				
N.L.			10.7	77.5		
℄			10.6	77.6		
S.L.			10.4	77.8		
T.P.	0.90	76.20	12.90	76.30		
1+29 = W. edge "Shed" on South 0.9 in Alley.						
1+35 = ℄ Garage on North dirt Floor, on Line						
S.L.			3.8	72.4		
℄			3.9	72.3		
N.L. on dirt Floor			4.2	72.0		
1+50						
N.L.			6.4	69.8		
+4			5.8	70.4		
℄			5.5	70.7		
S.L.			6.2	70.0		
1+57 = East edge "Shed" on South			1.0	in Alley.		
1+84						
S.L.			8.6	67.6	Garage	
℄			8.7	67.5		
N.L.			8.5	67.7		
1+93 = ℄ Garage on N dirt Floor			8.6	67.6	0.5 Back.	
2+25						
N.L.			11.3	64.9		
℄			11.7	64.5		
S.L.			11.2	65.0		
T.P.	0.13	63.33	13.00	63.20		

6333

2+55					
S.L.		1.3	62.0		
℄		1.8	61.5		
N.L.		1.5	61.8		
2+65 = ℄ Garage on South dirt Floor		1.7	61.6	on Line	
2+95					
— 5'		4.8	58.5		
N.L.		4.3	59.0		
+3'		4.0	59.3		
℄		4.0	59.3		
S.L.		4.1	59.2		
3+03 = Garage on South dirt Floor.		4.8	58.5	0.2' in Alley.	
3+38					
S.L.		4.8	58.5		
℄		5.6	57.7		
N.L.		5.8	57.5		
+5		7.8	55.5		
3+58 = ℄ Garage on South dirt Floor		5.1	58.2	1.6' Back	
3+67 = " " " " " "		5.3	58.0	1.7' "	
3+76 = " " " " " "		5.6	57.7	2.0' "	
3+80					
- 5'		8.6	54.7		
N.L.		6.6	56.7		
℄		6.4	56.9		
S.L.		5.7	57.6		
4+00					

		62.33			
	4+00				
SL.		7.9	55.4		
℄		8.3	55.0		
+5'		8.0	55.3		
NL		7.8	55 5		
+5'		9.1 / 10.3	54.2 / 53.0	Rod 11" Back in front of door	
4+05 = West edge house on N		8.9 = o.k. Back	54.4	0.6 Back.	
4+03 = ℄ Garage on South. dirt floor.		7.9	55.4	4' Back.	
4+22 = East edge house on N		11.2	52.1	0.6. Back.	
	4+30 = ℄ Garage on South. dirt Floor.				
-5'		13.4	49.9		
NL		12.4	50.9		
℄		11.8	51.5		
SL.		11.4	51.9		
+0.2 = on dirt Floor Garage		11.8	51.5		
T.P	0.71 51 45	12.59	50.74		
4+42 = Garage on South. dirt floor		0.2	51.3	2' Back.	
	4+50				
S.L.		1.0	50.5		
+5		2.0	49.5		
℄		2.2	49.3		
NL.		2.3	49.2		
+5		3.3	48.2		
	5+00				
NL.		5.0	46.5		
+5		5.7	45.6		

		51 45			
					78
℄			5.7	45.8	
SL.			6.0	45.5	
	5+50				
S.L.			7.0	44.5	
℄			7.1	44.4	
N.L.			7.1	44.4	
	5+80				
N.L.			7.8	43.7	
℄			8.2	43.3	
S.L.			8.1	43.4	
	6+00.3 = W.L. 31st St.				
SL. on cb.			8.49	42.96	
" " Rv.			8.58	42.87	
℄ " "			8.62	42.83	
NL. " "			8.46	42.99	
NL. " cb.			8.16	43.29	
	6+10.3 = W.cb. 31st St.				
-3' on cb P.C.			8.04	43.41	
" " Rv.			8.68	42.77	
℄ " "			8.98	42.47	
SL +3' on cb P.C.			8.60	42.85	
" " " Rv.			7.30	42.15	
T.P.	8.72	51.64	8.53	42.92	
chk. NW. B.P. 31st Ocean View			3.03	48.61	✓

IMPROVED TABLES
AND
INFORMATION

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder stake for any width roadway, slope 1½ to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE No. 9.

To find Tangent and External for curve of any other degree, divide by degree of curve and add correction found in column of corrections.

Degree of curve with a given I may be found by dividing tangent, (or external), opposite I by given tangent, (or external).

The distance from a point on the tangent to the curve is very nearly the square of the tangent length divided by twice the radius.

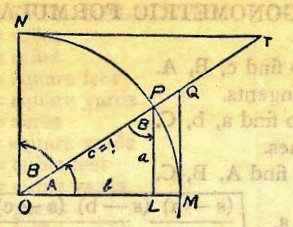


TABLE II

TRIGONOMETRIC FORMULÆ.

$\angle A = \angle MOP \qquad \angle B = \angle PON = \angle OPL$

$R = OB = c = 1$

$$\sin A = \frac{a}{c} = \frac{a}{1} = a = \cos B = LP$$

$$\cos A = \frac{b}{c} = \frac{b}{1} = b = \sin B = OL$$

$$\tan A = \frac{a}{b} = \frac{MQ}{OM} = \frac{MQ}{1} = MQ = \cot P = MQ$$

$$\cot A = \frac{NT}{ON} = \frac{NT}{1} = NT = \tan B = NT$$

$$\sec A = \frac{OQ}{OM} = \frac{OQ}{1} = OQ = \csc B = OQ$$

$$\csc A = \frac{OT}{ON} = \frac{OT}{1} = OT = \sec B = OT$$

$$\text{vers } A = \frac{LM}{OP} = LM = \text{covers } B$$

$$\text{covers } A = \frac{OP - LP}{OP} = OP - LP = \text{vers } B$$

$$\text{exsec } A = PQ = \text{coexsec } B$$

$$\text{coexsec } A = PT = \text{exsec } P$$

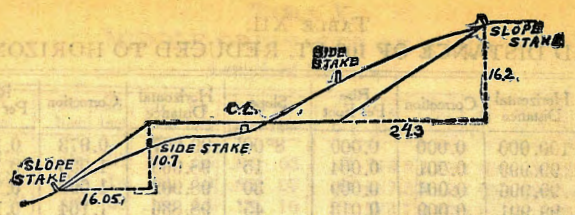
$$\sin \tfrac{1}{2} A = \sqrt{\frac{1 - \cos A}{2}} \qquad \cos \tfrac{1}{2} A = \sqrt{\frac{1 + \cos A}{2}}$$

$$\sin 2A = 2 \sin A \cos A \qquad \cos 2A = \cos^2 A - \sin^2 A$$

Law of Sines $\dfrac{\sin A}{a} = \dfrac{\sin B}{B} = \dfrac{\sin C}{C}$

Law of Cosines $c^2 = a^2 + b^2 - 2ab \cos C$

Law of Tangents $\dfrac{a+b}{a-b} = \dfrac{\tan \frac{1}{2}(A+B)}{\tan \frac{1}{2}(A-B)}$



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5 10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6 75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13 05	13.20	13.35	8
9	13 50	13 65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18 15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19 35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24 60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45.90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47 25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49 50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50 70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51 75	51.90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54 15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55 50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57 00	57.15	57.30	57 45	57.60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58.95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61.80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66.30	66.45	66.60	66 75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67.95	68.10	68.25	68 40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

15.06
33.54
48.60

345
20
32.91
114.98
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497

50.12
49.05
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285.82

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62 18

330.91
173.02
157.89
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330.91
15725
173.66

92
64
18