1193

FIELD BOOK

No. 385

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THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

curb levels on 44th EL CAJON to Talmage Park 1
Alley Blk. 6½ City Hts 3
x See Wells Bernice. to Atascadero 5
curb levels 36 orange. to El Cajon 7
Alley Blk 163. U.D. 9.
Concrete Wall on Adams 11
x Sec TROJAN. Euclid to 48 12
Alley Blk 186 Univ. Hts 14
Drain " " " Mission Hills 20
x Sec. Penn. Dove 20
Dove. Penn Sutter 29
Alley Blk. M. Plumosa Park 32
Montecilo Way. 4th to Front 39
Alley Blk. 74 ocean Beach 50
Santa Fe. Tracks at Broadway 57
Alley Blk 4. Crittends Add 61
" " 45 City ~~Hts.~~ 64
N-S ✓ ✓ N. Plumosa Park 67-71
Int Kellogg & San Elijo 73

Page 81. Drain in alley Block 186 Univ. Hts

WALKER 3-16-27

Cut Levels on 44th St.

El Cajon - TALMADGE PARK

BM. SW			
El Cajon +00	3.04	357.76 ✓	354.72
14' N & NCB Line El Cajon = 0+00			
E. top cb		4.37	353.39 ✓
W " "		5.20	352.56 ✓
50' N			
W " "		4.78	352.98 ✓
E " "		4.02	353.74 ✓
100' N			
E " "		3.62	354.14 ✓
W " "		4.34	353.42 ✓
150' N			
W " "		3.86	53.88 ✓
E " "		3.34	54.42 ✓
200' N			
E " "		3.00	54.76 ✓
W " "		3.46	54.30 ✓
250' N			
W on cb Ground		3.04	54.72 ✓
E " top cb.		2.44	55.32 ✓
T.P.	1.84	360.29 ✓ 2.31	355.45 ✓
300' N			
E top cb.		4.57	55.72 ✓
W " "		5.14	55.15 ✓
325' N			
W " "		4.86	55.43 ✓

PLOTTED 3-24-27 Larry

360.29

1

E top cb		4.18	355.81 ✓
350' N			
E " "		4.41	55.88 ✓
W " "		4.84	55.45 ✓
400' N			
W " "		4.78	55.51 ✓
E " "		4.23	56.06 ✓
415' N			
E " "		4.45	55.84 ✓
W " "		4.61	55.68 ✓
455' N			
W " "		5.13	55.16 ✓
E " "		5.01	55.28 ✓
500' N			
E " "		5.55	54.74 ✓
W " "		6.15	54.14 ✓
550' N			
W " "		6.91	53.38 ✓
E " "		6.60	53.69 ✓
656' N = SL. MEADE			
E " "		7.95	52.34 ✓
W " "		8.42	51.87 ✓
TP 767	360.10 ✓	7.86	352.43 ✓
NL. MEADE = 0+00			
W top cb		7.73	52.37 ✓
E " "		7.16	52.94 ✓

360.10

	50'N		
E top cb		6.84	353.26
W " "		7.35	52.75
	100'N		
W " "		7.15	52.95
E " "		6.54	53.56
	200'N		
E " "		5.97	54.13
W " "		6.58	53.52
	250'N		
W " "		6.16	53.94
E " "		5.73	54.37
	300		
E " "		5.29	54.81
W " "		5.90	54.20
	350'N		
W " "		5.81	54.29
E " "		5.06	55.04
	400'N		
E " "		4.90	55.20
W " "		5.85	54.25
	450'N		
W " "		5.69	54.41
E " "		4.77	55.33
	500'N		
E " "		4.40	55.70

360.10

2

W top cb		5.54	354.56
	571'N = S.L. TALMADGE PARK		
W " "		5.05	55.05
E " "		3.91	56.19
T.P. 6.93	359.35	7.68	352.42
chk. on B.M. Elcajon + 44th S.W. Cor.		4.61	354.74
			354.72 = B.M.
			0.02

WALKER 2-15-27

X. Section 20' Alley Blk. 6 & City Hts.
Bet. 45th + Chamouna
From S.L. Univ. to N.L. Weightman St.

N.W. B.P.				
Weightman & 45th St.	7.72	355.09		347.37
T.P.	8.19	356.18	7.10	347.99
		S.L. Univ.		
E on top of cb			4.72	351.48
E Gut. on Paving			4.92	351.26
& " "			5.15	351.03
W Gut. " "			5.05	351.13
W top cb			5.05	351.13
		30' S		
W			5.8	350.4
&			5.8	350.4
E			5.2	351.0
		70' S		
E			7.2	349.0
&			7.3	348.9
W			7.6	348.6
103' S = & Garage on E Dirt Floor			7.6	348.6
114' S = & " on W Con. Floor			5' Back	12' Wide
-5' = Garage Floor			7.30	348.88
-2' = toe of Apron			7.56	348.62
W			8.2	348.0
&			8.9	347.8
E			8.4	347.8
		157' S = & Garage on W dirt Floor		
E			8.8	347.4

PLOTTED L.H.B

356.18

&		8.7	347.5
W		8.0	348.2
+5 = Garage		7.7	348.5
	200' S		
W		8.0	348.2
&		8.5	347.7
E		7.7	348.5
	250' S		
E		7.8	348.4
&		8.2	348.0
W		8.0	348.2
	300' S		
W		8.1	348.1
&		8.2	348.0
E		7.4	348.8
342' S = & Garage on W 11' Back dirt Floor			
E		6.7	349.5
&		7.2	349.0
W		7.3	348.9
+11 = Garage		7.0	349.2
373' S = & Garage on W dirt Floor 6' Back			
-6 = Garage		5.1	351.1
W		5.5	350.7
&		6.1	350.1
E		6.2	350.0
	420' S		

3

356.18

E	4.0	352.2
℄	4.0	352.2
W	3.5	352.7
445'S = ℄ Garage on W 7.5' Back dirt Floor		
-7.5' = Garage	4.2	352.0
W	4.1	352.1
℄	3.9	352.3
+5	3.6	352.6
E	4.2	352.0
460'S = ℄ Garage on W 7.5' Back dirt Floor		
E	4.1	352.1
+5	3.4	352.8
℄	4.0	352.2
W	4.5	351.7
+7.5' = Garage	4.4	351.8
469'S = ℄ Garage on W dirt Floor 7.5' Back		
-7.5' = Garage	4.5	351.7
W	4.7	351.5
℄	4.5	351.7
E	4.3	351.9
485'S = ℄ Garage on E 1' Back dirt Floor		
-1' = Garage	5.0	351.2
E	5.0	351.2
℄	5.1	351.1
W	5.0	351.2
503'S = ℄ Con Apron 5' Wide 0.5' Back = Garage on E Con Floor		

356.18

T.P. 2.70	353.19	5.69	350.47
-5.5' = Garage Floor		1.81	351.38
-0.5' = toe of Apron		2.18	351.01
E		2.2	351.0
℄		3.0	350.2
W		3.2	350.0
R = 4.0			
508'S = ℄ Garage on W 6' Back dirt Floor			349.2
515'S			
W		3.8	349.4
℄		3.6	349.6
E		3.1	350.1
550'S			
E		4.1	349.1
℄		4.3	348.9
W		4.2	349.0
601'S = N.L. Weightman			
W top cb		5.36	347.83
Gut.		5.4	347.8
℄		5.3	347.9
E Gut		5.2	348.0
E top cb.		5.20	347.99
T.P. on BM. Weightman + 45th		5.83	347.36

347.36
347.37
+0.01 = BM

Walker 3-28-27

X. Section Wells St. 60' Wide 10' cbs 10' 1/4 s

From N.L. Bernice St. to Atascadero St.

S.W. Pole 3 nails				
Bernice + Wells	105	170.09		169.04
W			1.1	169.0
cb			1.8	168.3
1/4			1.0	169.1
℄			0.3	169.8
1/4			0.1	170.0
cb			0.0	170.1
E			+ 0.6	170.7
		50' N		
E			+ 0.9	171.0
+ 7			+ 0.9	171.0
cb			0.4	169.7
1/4			0.4	169.7
℄			0.1	170.0
1/4			0.3	169.8
cb			0.6	169.5
W			0.4	169.7
		100' N		
W			+ 0.2	170.3
cb			0.6	169.5
1/4			0.5	169.6
℄			0.6	169.5
1/4			0.8	169.3
cb			1.2	168.9
+ 2			1.2	168.9

170.09

+ 3		0.5	169.6
E		0.6	169.5
	140' N		
E		2.6	167.5
+ 7		2.6	167.5
+ 8		3.7	166.4
cb		3.4	166.7
1/4		2.4	167.7
℄		2.2	167.9
1/4		2.1	168.0
cb		2.2	167.9
+ 2		1.3	168.8
W		0.9	169.2
	180' N		
W		3.7	166.4
+ 8		4.0	166.1
cb		5.1	165.0
1/4		4.9	165.2
℄		5.1	165.0
1/4		5.4	164.7
cb		6.5	163.6
+ 2		7.2	162.9
+ 3		5.7	164.4
E		5.8	164.3
	237.5' N		
E		11.3	158.8

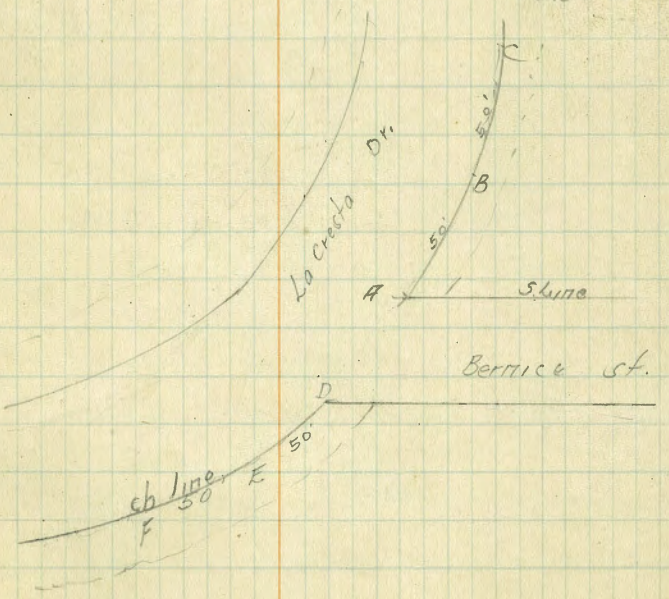
170.09

+7		11.7	158.4
+8		12.4	157.7
cb		12.0	158.1
¼		11.4	158.7
℄		11.0	159.1
¼		10.9	159.2
cb		11.0	159.1
+7		9.9	160.2
W		9.4	160.7
	275' N = S.L. Atascadero		
W		14.6	155.5
cb		14.9	155.2
¼		14.8	155.3
℄		14.9	155.2
¼		15.2	154.9
cb		16.0	154.1
E		16.5	153.6
	W cb line		
E top cb at Prop line wells		17.33	157.76
cb		16.8	153.3
¼		16.0	153.1
℄		15.6	154.5
¼		15.5	154.6
cb		15.6	154.5
W		15.4	154.7

Levels on La Cresta Dr.

6

8.50	177.54		169.04 = B.M. Bernice + Wells
T.P. 94 on A-top cb	183.69	3.26	174.78 = A
B		5.54	178.15
C		1.68	184.01
T.P. 038	171.09	12.98	170.71
D		1.46	169.63
E		6.76	164.33
F		12.75	158.34
T.P. 6.51	176.17	1.43	169.66
Chk. on Above B.M. Bernice + Wells		7.13	169.04
			169.04 = B.M.
			0.00



Tolman 6/30/27

Curb elevations on 46th st bet Ncb. line of Orange & S.cb line of El Cajon.

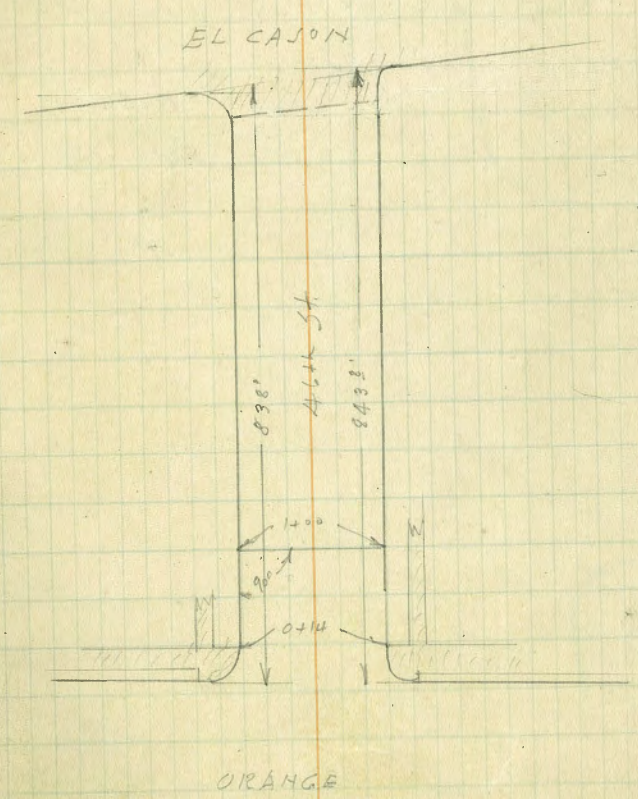
	4.94	358.88		353.94	B.P. NW. Orange & 46th

0+00 = Ncb line Orange (face of cb)

0+14 = Top cb at Nedge of S/W

0+14 W			4.94	353.94
0+14 E			4.85	54.03
1+00 E			5.03	53.85
1+00 W			4.98	53.90
2+00 W			5.06	53.82
2+00 E			5.13	53.75
3+00 E			5.44	53.44
3+00 W			5.26	53.62
3+90 W			5.39	53.49
3+90 E			5.53	53.35
5+00 E			5.68	53.20
5+00 W			5.48	53.40
TP	4.82	358.43	5.27	353.61
6+00 W			5.06	353.37
6+00 E			5.37	53.06
7+00 E			5.54	52.89
7+00 W			5.28	53.15
8+00 W			5.36	53.07
8+00 E			5.94	52.59
8+27.5 E cb			5.83	52.60
" Pav			6.28	52.15
8+21.7 W cb			5.48	52.95
" Pav.			6.05	52.38

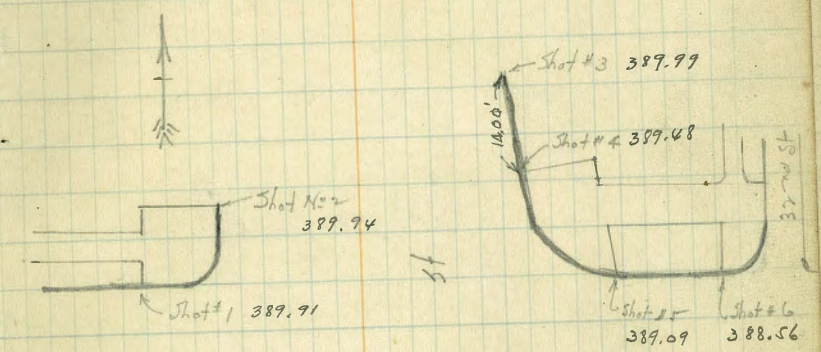
Note - From Ncb of Orange to S.cb of El Cajon on west side the dist. is 838' The east side is 5.8' longer shots on Ecb are at rt. ∠s to those on Wcb except the last one.



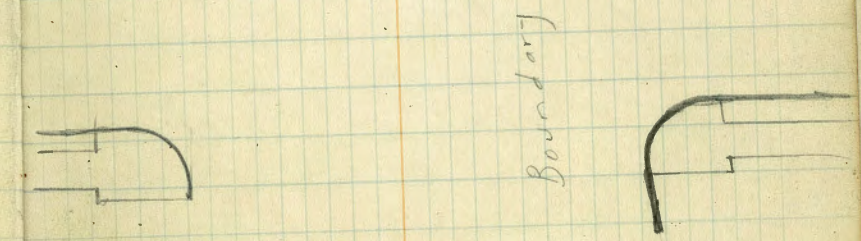
Tolman 6(20/7)

Elevations on Curbs at inters. of Madison & Boundary

	5.70	394.63		388.93	SE Mad & Ohio
Shot #1			4.72	389.91	
Shot #2			4.69	89.94	
Shot #3			4.64	89.99	
Shot #4			5.15	89.48	
Shot #5			5.54	89.09	
TP	4.65	393.79	5.49	389.14	
Shot #6			5.23	88.56	



Madison Ave



Tolmer 6/24/27

X section of Alley in Blk 163 UH 20 wide fr. S.L. Polk to N.L Lincoln.

	5.73	371.69	365.96	Polk + Ohio
		0+00		
W cb		4.77	366.92	
℄		5.1	366.6	
E cb		4.83	366.86	
	0+25 ℄ Sewer MH	5.05	366.64	
	0+40			
W.L		4.9	366.8	
℄		4.9	366.8	
E L		4.9	366.8	
	0+45. ℄ 10' gar. 3" out. conc floor			
E.L		4.55	367.14	
	0+80			
E L		5.1	366.5	
℄		5.1	366.5	
W.L		5.3	366.4	
	1+20			
W.L		5.8	365.9	
℄		6.0	365.7	
EL		5.9	365.8	
	1+35 ℄ 18' garage - 0" out - dirt floor			
W.L+0"		6.3	365.4	

Plotted 8/12/27 JBB

	1+60			
W.L		6.6	365.1	
℄		6.4	365.3	
EL		6.3	365.4	
	1+00			
E.L		6.8	364.9	
℄		7.0	364.7	
W.L		6.9	364.8	
	2+11 ℄ 21" Residence 0" in alley			
	2+40			
W.L		7.0	364.7	
℄		6.9	364.8	
EL		7.1	364.6	
	2+55 entrance to 30' garage - Conc. floor - ℄ at Sta 2+44. 8" in alley			
W.L		6.83	364.86	
TP	4.73	369.39	7.03	364.66
	2+80			
EL		4.8	364.6	
℄		4.7	364.7	
WL		4.6	364.8	

	2+95 ℄ 10' garage - 1.2 out - Cmt floor		
E.L.+1.2		4.45	364.94
	3+20		
WL		4.8	364.6
℄		4.9	364.5
EL		4.7	364.7
	3+31 ℄ 36° garage - 2° back - Conc. floor		
W.L. (conc. Apron)		4.76	364.63
	3+60		
W.L		5.2	364.2
℄		5.1	364.3
EL		5.1	364.3
	3+88 ℄ 17' garage - 3.5 out - Dirt floor		
WL+3.5		5.2	364.2
	4+00		
W.L.		5.2	364.2
℄		5.2	364.2
EL		5.1	364.3

	4+40		
EL.		5.7	363.7
℄		5.4	364.0
WL		5.3	364.1
	4+80		
WL		5.8	363.6
℄		5.7	363.7
EL		6.2	363.2
	4+95 ℄ 10' garage - 3° out - Cmt floor		
E.L+3°	(59.5)	5.95	363.44
	5+20		
EL		5.7	363.7
℄		5.8	363.6
W.L		5.7	363.7
	5+60		
WL		5.9	363.5
℄		6.1	363.3
EL		6.1	363.3
	6+00		
WL Top Cb		5.95	363.44
EL Top cb		5.85	363.54

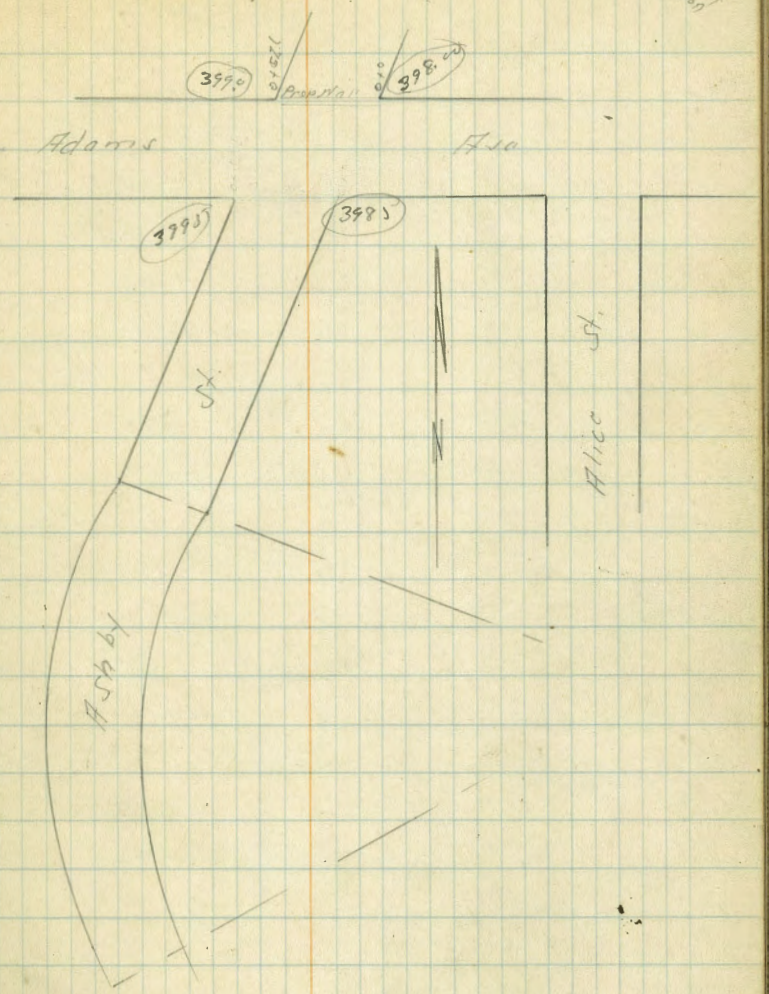
Plotted 8/12/27 J.B.B. LBH

Levels North Line Adams Ave & Ashby St.
For Proposed Conc. Hall

B.M.	1.11	409.39	409.4	407.78	S.E. Tie Adams & Ashby
0+0 = N.E. Cor. Adams & Ashby			9.0	400.4 ✓	
5'W			9.3	400.1 ✓	
9'W			12.5	396.9 ✓	
13'W			11.8	397.6 ✓	
24'W	Fill		18.3	391.1 ✓	
35'W	"		18.1	391.3 ✓	
45'W	"		12.3	397.1 ✓	
52.6'W = W.L. Ashby	Fill		7.8	401.6 ✓	
55'W	Fill		6.1	403.3 ✓	
59'W	"		6.0	403.4 ✓	
62'W	Natural Ground		8.3	401.1 ✓	

Numbers in Circles are grades as used in field

7-23-27
Sisson



Cross Sections Trojan Ave.
Euclid to 48th St

60' wide
12 Cbs.
9 Gts

NE Mor
El Cajon & Euclid

B.M.	0.27	348.48		348.21
		W.L. 48th St.		
N			5.1	343.4
Cb Top Conc			5.22	43.24
Gutter			5.9	42.6
¼			6.1	42.4
½			6.2	42.3
¼			6.3	42.2
Cb			6.6	41.9
+5			8.2	40.3
+7			6.2	42.3
S			6.2	42.2
		50'N of S.W.L. of 48th St.		
S			6.8	41.7
+6			6.6	41.9
+9			7.1	41.4
Cb			6.6	41.9
¼			6.6	41.9
½			6.6	41.9
¼			6.4	42.1
Gutter			6.5	42.0
Cb Top Conc.			5.48	42.80
N			6.7	42.8
		100' N		
N			6.4	42.1

348.48

7-22-12
Sta 343.4
Bottom
Manhole

Cb Top Conc	6.17	42.31
Gutter	6.7	41.8
¼	6.8	41.7
½	6.7	41.8
¼	6.8	41.7
Cb	6.6	41.9
+1	7.2	41.3
+6	6.5	42.0
S	6.2	42.3
	125'N. of El Cajon & Euclid	
S Top Conc Wall	5.80	42.68
Ground	6.3	42.2
+5	6.2	42.3
+8	7.0	41.5
Cb	6.4	42.1
¼	6.7	41.8
½	6.5	42.0
¼	6.5	42.0
Gutter	6.7	41.8
Cb Top Curb - Ext Curb	6.38	42.10
N	6.6	41.9
	150'N	
-2 = Do. Garage Conc Floor	5.95	42.53
N	6.1	42.4
Cb	6.4	42.1
¼	6.6	41.9

83'N of S.L. Conc Walk 6.02

Trojan Rio

348.48

℄	6.4	42.1
¼	6.6	41.9
Cb	6.4	42.1
S	6.5	42.0
200' N		
S	6.0	42.5
Cb	6.3	42.2
¼	6.0	42.5
℄	6.4	42.1
¼	6.3	42.2
Cb	6.3	42.2
N	5.8	42.7
225 N		
N	6.0	42.5
Cb	5.9	42.6
¼	6.0	42.5
℄	6.0	42.5
¼	5.9	42.6
Cb	6.3	42.2
¼	5.8	42.7
S	5.2	43.3
260 N		
S	5.3	43.2
Cb	5.4	43.1
¼	6.3	42.2
¼	5.9	42.6

348.48

℄	5.6	42.9
¼	5.6	42.9
Cb	5.7	42.8
N	5.4	43.1
270 N - E.L. Facia'd		
N	4.8	43.7
Cb Top End Return	4.94	43.54
Gutter on Paving	5.68	42.80
¼ " "	5.44	43.04
℄ " "	5.40	43.08
¼ " "	5.67	42.81
Gutter " "	6.14	42.34
Cb Top End Return	5.36	43.12
S	5.0	43.48

X section Alley Block 186

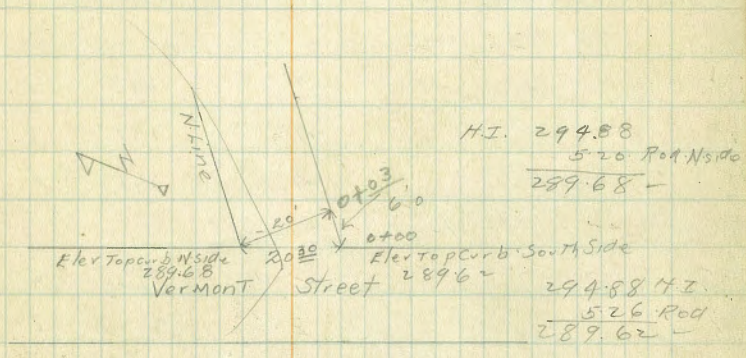
Univ Heights. Between Vermont + Richmond

Cleveland + Hendricks

Bliss
Isabell
Morgan

	+	π	−	Elev	B.M.
10/7/27	5.15	294.88			289.73 SWOP
T.P	5.75	295.92	4.71	290.17	
		0+00			
S.			5.5	290.0	✓
℄			5.8	290.1	✓
+6			5.3	290.4	✓
N			5.2	290.7	✓
		0+00 at Right Angles To N. Line of Alley.			
N			5.2	290.7	✓
+4			5.7	290.2	
℄			5.8	290.1	✓
S.			5.2	290.7	✓
		0+25			
S	Fence 1.2 in alley		5.3	290.6	✓
℄			5.5	290.4	✓
N.			5.5	290.4	✓
		0+99 Garage			
N			5.1	290.8	✓
℄			5.2	290.7	✓
S.	Lip of garage W. End. in Alley		4.93	290.99	✓
		0+69			
S	End of garage 18 Back		4.75	291.17	✓
		0+80			
N	W. end of Garage		4.73	291.19	✓

* Note. Alley Returns are in on Vermont but only Run back 10' 14' curbs on Vermont ℄



	+	H.I. 295.92	-	Elev	
		1+00			
S.			4.6	291.3	✓
℄			4.8	291.1	✓
N.			4.3	291.6	✓
+0.5			4.29	291.68	
		1+09			
N-0.5 out of Garage		Cement	4.01	291.91	✓
		1+25			
N			3.8	292.1	✓
℄			4.2	291.7	✓
S. fence 1.05 in Alley			4.1	291.8	✓
		1+50			
S.			3.4	292.5	✓
℄			3.6	292.3	✓
N.			3.4	292.5	✓
		1+55			
N-1.9 out cement walk			3.00	292.9	✓
TP.	5.73	298.25 ✓	3.40	292.52	
		1+56			
S. on Lip of Garage 0.35 in Alley			5.19	293.06	✓
		1+70			
N. Gar. 6.2 Back Cement			4.99	293.26	✓
		1+75			
N.			5.1	293.1	✓
℄			5.4	292.9	✓
S.			5.3	293.0	✓

	+	H.I. 298.25	-	Elev	
		1+77			
S. E end Dbl Garage 6.3 Back			5.16	293.09	✓
		1+79			
S. Garage Upon Prop.			5.06	293.19	✓
		1+93			
N West End Dbl Garage 6.4 Back			4.58	293.67	✓
		2+00			
S. 6.3 Back E end Dbl Garage			5.00	293.3	✓
S.			5.1	293.2	✓
℄			5.0	293.3	✓
N.			4.9	293.4	✓
		2+11			
N East End Dbl Garage 6.7 Back			4.57	293.68	✓
		2+18			
S. Single Garage 2.6 Back			4.39	293.86	✓
		2+25			
N			4.6	293.7	✓
℄			4.8	293.5	✓
S.			4.6	293.7	✓
		2+75			
S.			4.0	294.3	✓
℄			4.0	294.3	✓
N			3.8	294.5	✓
Walk on line			3.56	294.69	✓
		3+00			
N ℄ single garage cement floor 3' back			3.05	295.20	✓

	+	↑ 298.25	−	Elev	
		3+00			
N.			3.5	294.8	✓
℄.			3.6	294.7	✓
S.			3.6	294.7	✓
		3+13			
S.			3.9	294.9	✓
S. Walk Alley			3.92	294.83	✓
℄.			3.6	294.7	✓
N.			3.4	294.9	✓
		3+25			
N.			3.0	295.3	✓
+2			3.0	295.3	
+3			4.6	293.7	
+8			5.8	292.5	
℄.			5.6	292.7	✓
+5			5.2	293.1	
S. on Walk on Top.			3.29	294.96	✓
		3+39.			
S. on Walk 2.5 Back.			3.12	295.08	✓
S.			3.1	295.2	✓
+1			3.7	294.6	
+5			7.2	291.4	
℄.			7.7	290.6	✓
+9			7.6	290.7	
N			6.0	292.3	✓
		3+95			
N.			6.5	291.8	✓

	+	↑ 298.25	−	Elev	
		3+48			
+3.			8.5	289.8	
℄			8.6	289.6	✓
+6			7.6	290.7	
+7			5.2	293.1	
S.			4.4	293.9	✓
		3+48			
S.			4.9	293.4	✓
+3			5.8	292.5	
+4			8.2	290.1	
+6			9.0	289.3	
℄			9.1	289.2	✓
N			9.2	289.1	✓
T.P	2.82	291.83	9.24	289.01 −98.01	
N. 1- out			4.1	287.7	
2- out			7.0	284.8	
8- out			7.4	284.4	
		3+60			
5- out			7.6	284.2	
N.			7.4	284.4	✓
+3			5.5	286.3	
℄			4.8	287.0	✓
+4			4.6	287.2	
+6			3.7	288.1	
+7			2.1	289.7	
5			1.4	290.4	✓

+	π 29183	−	Elev	
	3+66			
S		5.0	286.8	✓
℄		6.0	285.8	✓
+4		6 5	285.3	
N		7.5	284.3	
2.5 out Car Garage	10.2 x 19 Wood floor	7.7	284.1	✓
	3+73			
10 out ℄ no Garage		7.7	284.1	✓
N		7.7	284.1	✓
℄		7.2	284.6	✓
S		6.7	285.1	✓
	3+81			
S		8.5	283.3	✓
+2		7.7	284.1	
℄		7.8	284.0	✓
N		8.2	284.6	✓
	3+88			
N- 15' out		16.3	275.5	
N 10' out		14.8	277.0	
N		9 4	282.4	✓
+3		8.5	283.3	
℄		8.3	283.5	✓
+5		8 4	283.4	
S		10.0	281.8	✓
10' out		9.8	282.0	
	4+00			
S-10 out		11.5	280.3	

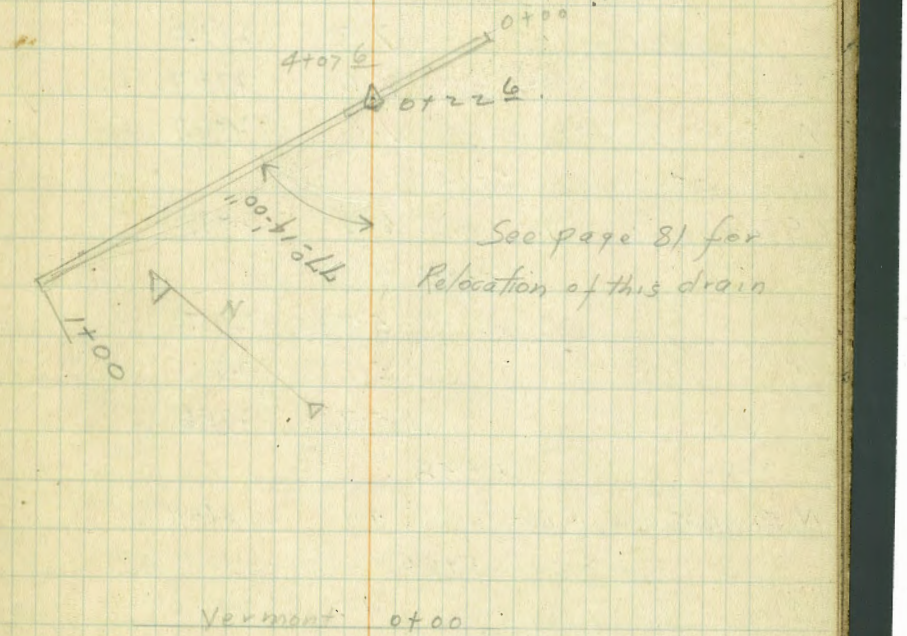
+	π 29183	−	Elev	
S		11.6	280.2	✓
+2		11 3	280.5	
+4		9.4	282.4	
℄		9.4	282.4	✓
N		10.0	281.8	✓
7' out		15.6	276.2	
10' out		16 1	275.7	
	4+19			
N-10 out		14.8	277.0	
N 4' out		14.0	277.8	
N.		11.4	280.4	✓
+2		9.9	281.9	
℄		9.7	282.1	✓
+7		9.7	282.1	
S		10.0	281.8	✓
S 10 out		10.7	281.1	
West end of 4 Part Garage 30' out Dirt floor		8.5	283.3	✓
	4+25			
S-5 out		7.8	284.0	
S		8.9	282.9	✓
℄		9.3	282.5	✓
+5		9.7	282.1	
N		11.4	280.4	✓
7' out		13.4	278.4	
10' out		13.9	277.9	
	4+38			
10' out		10.9	280.9	

	+		−	Elev	
		29183			
		4+38			
N			10.3	281.5	✓
+4			8.1	282.7	
℄			7.9	282.9	✓
+7			7.8	284.0	
S			7.4	284.4	✓
		4+56			
S- 38' Out	East End of 4 Part Garage	Dirt Floor	6.8	285.0	✓
S.			5.2	286.6	✓
℄			4.2	287.6	✓
+6			3.6	288.2	
N			5.0	286.8	✓
6-out			6.7	285.1	
10' out			7.0	284.8	
		4+65			
N 10' out			3.3	288.5	
N			1.7	290.1	✓
+7			2.7	289.1	
℄			2.8	289.0	✓
+5			2.9	288.9	
S			3.3	288.5	✓
		4+66			
S.			2.8	289.0	✓
+5			2.8	289.0	
℄			2.6	289.2	✓
N			1.5	290.3	✓
10' out			1.3	290.5	

Levels for Drain Alley Block 186 Univ Hts.

5.00 287.4 282.4 Elev Ground at 4+00

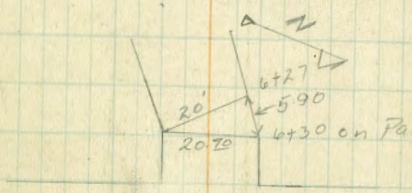
0+00	8.2	279.2
0+11	6.9	280.5
0+16	5.7	281.7
0+25 ℄	5.5	281.9
0+29	5.3	282.1
0+39	6.0	281.4
0+90	11.9	275.5
0+55	12.1	275.3
0+83	12.5	274.9
1+00	13.6	273.8



See page 81 for Relocation of this drain

	+	℄	−	Elev	
		291.83			
TP	10.85	301.35 ✓	1.33	290.50	✓
		4+75			
N.			10.5	290.8	✓
+5			10.9	290.4	
℄			10.8	290.5	✓
+3			11.0	290.3	
S			10.1	291.2	✓
		5+00			
S.			7.3	293.0	✓
℄			7.6	292.7	✓
N			7.6	292.7	✓
		5+14			
S Dbl Garage 2.1 out Dirt floor			6.3	295.0	✓
		5+25			
N.			5.7	295.6	✓
℄			5.8	295.5	✓
S.			5.7	295.6	✓
		5+38			
N Single Garage 4' out Dirt Floor			4.9	296.4	✓
		5+50			
S.			4.7	296.6	✓
℄			4.9	296.4	✓
N			4.6	296.7	✓
		6+00			
N.			3.7	297.6	✓
℄			3.9	297.4	✓

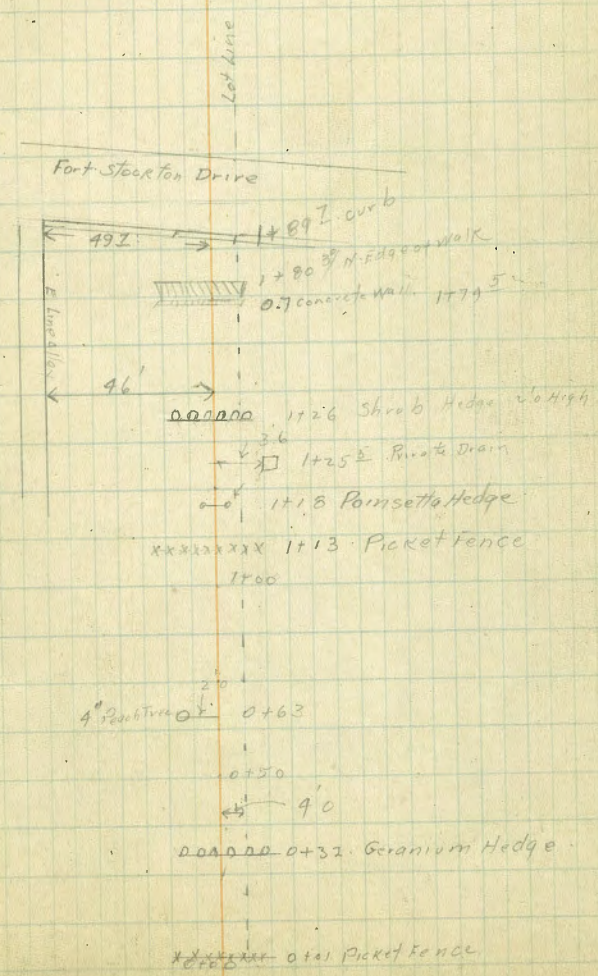
	+	℄	−	Elev	
		301.35			
5			3.6	297.7	✓
		6+27			
S on Paving			3.51	297.84	
℄			3.6	297.7	
N			3.2	298.1	✓
		6+30			
N on Paving			3.95	297.90	
℄ " "			3.77	297.58	
S " "			3.51	297.84	
TP 600	302.97		4.38	296.97	
TP 200	299.18		5.79	297.18	
BM Sw Unique			9.40	289.78	✓



Richmond

Levels for Drain Alley Block 11
Mission Hills Across Lot 26 From North Line of East & West Alley to Curb Line of Fort Stockton Drive

Bliss Isabell Morgan 10/18/27	+	⊼	−	Elev	
	12.19	279.13		266.94	B.M.B. Plug N.E. Sierra Vista & Fort Stockton Dr.
0+00			4.8	274.3	
0+02			4.9	274.2	
0+05			5.6	273.5	
T.P.	3.97	278.09	5.01	274.12	
0+25			4.7	273.4	
0+50			4.7	273.4	
0+75			5.1	273.0	
1+00			4.9	273.2	
1+13			4.9	273.2	
1+27			4.8	273.3	
T.P.	2.67	275.98	4.78	273.31	
1+50			3.0	273.0	
1+63			3.5	272.5	
1+74.5	Concrete Wall		5.01	270.97	
1+74.6	Walk		5.70	270.28	
180.3	N. Edge W		5.87	270.11	
1+89.7	Curb		6.08	269.90	
1+89.8	Paving in Gutter		6.86	269.12	
B.M.			9.05	266.93	



Walker
Short
Shea
Ruplinger } 12-12-21

X Section Penn Ave. Dove St.

North Cresent Court } As Per Sketch
South " "

N.W. BP Penn. + Albatross	0.83	254.53		253.70
T.P.	0.06	241.58	13.01	241.52
T.P.	-0.01	228.71	12.86	228.72
T.P.	0.08	216.28	12.51	216.20
T.P.	1.37	204.80	12.85	203.43
T.P.	7.43	199.37	12.86	191.94
				197.00 = Est. Grade
Chk. on (N.E.) top cb Return			2.32	197.05 = Elev. cb.

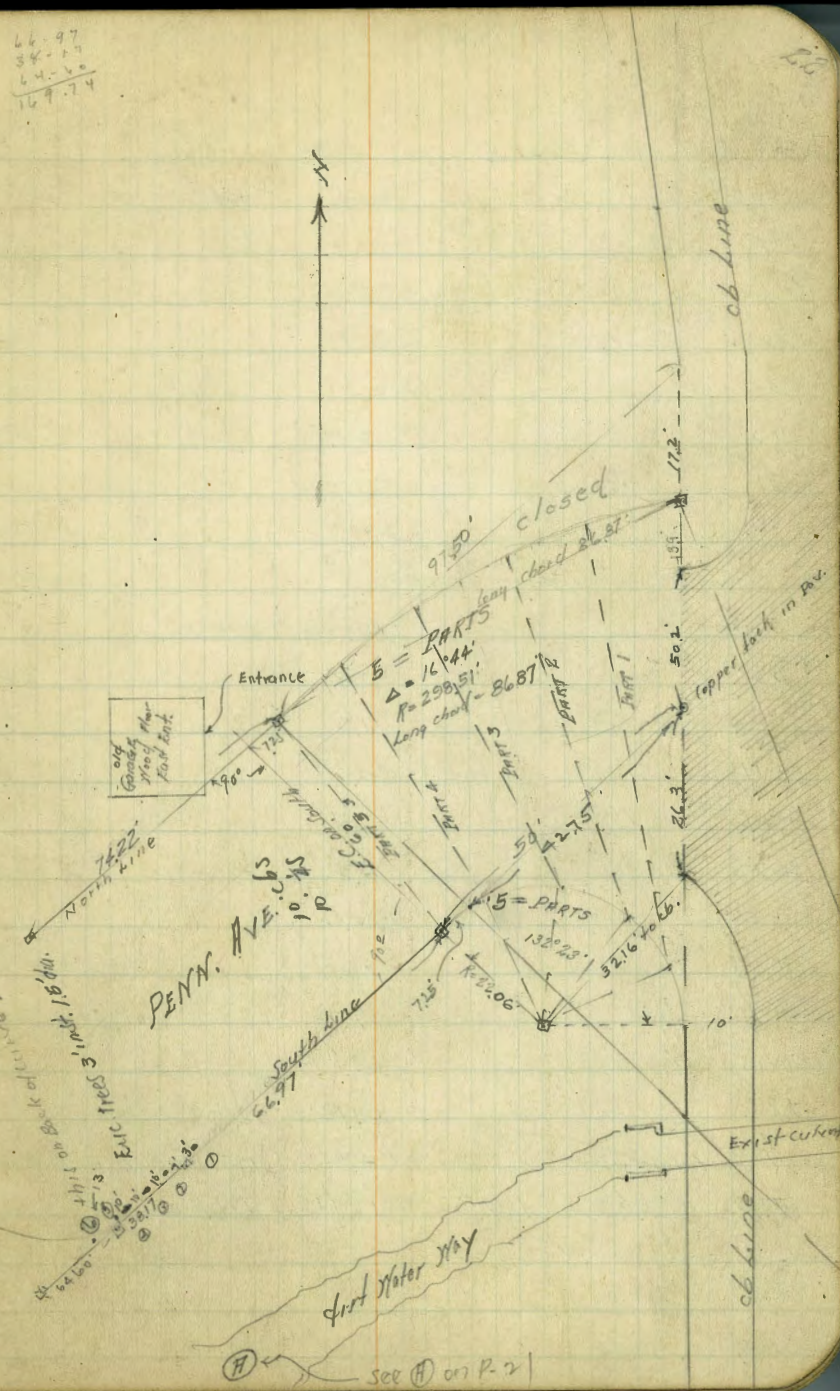
Reduced 1/17/28 L.R.L.

Section on W.L. Curlew

N	2.1	197.3 ✓
+139 = top cb	2.41	196.96
+139 = Gutter on Paving	3.03	196.34
¼ of Roadway " "	3.06	196.31
½ " " " "	3.71	195.66 ✓
½ " " " "	4.82	194.55
South Gutter " "	6.33	193.04
" top cb.	5.56	193.81
S cb + 15	6.8	192.6
S	8.3	191.1 ✓

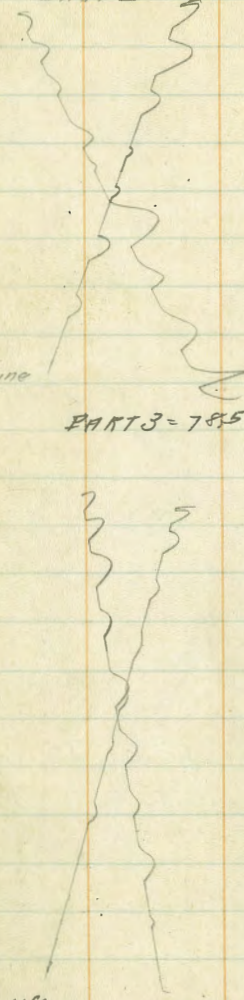
PART X = 107.4 No ¼s taken

S	8.3
+10	6.7
+57	4.0
+75	6.5
+.90	5.1
+94	3.8
1+07.40 = NL	2.6



199.37

PART 2 = 92'



N	4.6	
+10	6.1	
+11	7.0	
+36	8.6	
+45	6.9	
+72	5.3	
+80	5.7	
+92 = South Line	7.5	

PART 3 = 78.5'

S-10	9.0	
S	8.3	
+5	7.3	
+11	8.2	
+26	9.1	
+36	11.3	
+57	10.6	
+68	10.3	
+73	9.2	
+78.5 = N	8.1	
+83.5	7.46	
} for future use	4.37	195.00 = Elev. Lead Plug on SL
T.P. 2.42 ~~189.52~~	1.77	~~186.60~~

4.69	199.69	195.00	Lead Elev. Plug on SW. Cor Penn Ave

PART 1 = 97.4'

S	7.8	191.9 ✓
+2	7.0	192.7
+10	6.3	193.4
+40	4.4	195.3
+64	6.9	192.8
+80	5.3	194.4
+84	4.1	195.6
+97.4 = N.L.	3.0	196.7

PART 2 = 82.50'

N	4.9	194.8 ✓
+10	6.8	192.9
+11	7.5	192.2
+38	10.0	189.7
+48	8.1	191.6
+75	6.6	193.1
82.50 = South	8.6	191.1 ✓
S+5	9.7	190.0
S+10	11.1	188.6

PART 3 = 71.0'

S-10'	11.8	187.9
S	10.4	189.3 ✓
+8	10.1	189.6
+22	12.9	187.4
+24	12.9	186.8

199.69

+27		11.7	188.0
+33		12.1	187.6
+49		11.2	188.3
+60		10.8	188.9
+66		9.7	190.0
+71' = N.L.		8.3	191.7 ✓
N+5'		7.7	192.0

P = 11.7

6' East of Section 4 on North = ℄ Euc. tree 1.5' in st. 12" dia.

PART 4 = 63.5'

N-10'		11.2	188.5
N-7		12.7	187.0
N		13.0	186.7 ✓
+10		13.9	185.8
+21		14.5	185.2
+40		14.2	185.5
+51		13.8	185.9
+54		14.9	184.8
+63.5=S		15.5	184.2 ✓
S+10'		16.1	183.6
+15'		17.0	182.7
T.P.	090 187.78	12.81	186.88

10'chs. 10' ℄s

PART 5 = 60.5'

-15'	6.1	181.4
-N	5.3	182.5
S	4.7	183.1 ✓
+16	3.6	184.2

187.78

Cb.	3.4	184.4
℄	3.9	183.9
℄	4.5	183.3 ✓
℄	3.7	184.1
Cb.	3.6	184.2
N	3.3	184.5
+10	3.3	184.5 ✓

10' chs
10' ℄s

EC on South Section = 60'

-109 ℄ Entrance of Garage	3.6	184.2
N	3.7	184.1
Cb.	3.7	184.1
℄	4.5	183.3
℄	4.9	182.9 ✓
℄	4.1	183.7
Cb.	3.6	184.2
S	4.7	183.1

30' West of Above Section = ℄ Euc. tree on North

-15'	10.6	177.2
-11	10.0	177.8
S	9.1	178.7 ✓
+3	9.2	178.6
+5	10.3	177.5
6	8.5	179.3
Cb.	9.0	178.8
℄	10.0	177.8
℄	10.1	177.1 ✓

187.78

¼	10.3	177.5
cb.	10.4	177.4
+8 of tree 15" dia.	10.3	177.5
N	10.3	177.5 ✓
+10	10.5	177.3
50' West of EC on South		
T.P. 0.67	175.54	12.91	174.87 on Rock in st.
−10	1.8	173.7
N	1.4	174.1 ✓
cb.	0.7	174.8
+7	0.7	174.8
¼	1.9	173.6
℄	2.2	173.3 ✓
+7	1.9	173.6
¼	1.3	174.2
+8	0.9	174.6
cb.	1.5	174.0
+6	2.8	173.5
+7	1.2	174.3
S	1.3	174.2 ✓
+15	2.5	173.0
① = Euc tree see sketch	4.9	170.6
②	7.1	168.4
③	8.4	167.1
④	8.6	166.9
⑤	9.3	166.2

175.54

⑥	10.3	165.2
66.97' West of EC on South = PC on North		
−15	6.2	169.3
S	5.6	169.9 ✓
cb.	5.5	170.0
¼	5.8	169.7
℄	5.9	169.6 ✓
¼	5.1	169.4
cb	5.6	169.9
N	5.8	169.7 ✓
+10	5.9	169.6
section A = 71.2'		
N	5.8	169.7 ✓
+19	6.9	168.6
+32	7.2	168.3
+45	8.3	167.2
+71.2 = S	9.6	165.9 ✓
S+10'	10.0	165.5
section B = 75.6'		
T.P. 455	171.59	8.50	167.04
−21.3 = Flow 24" Iron Pipe	9.70	161.89
−11.3 on dirt	7.0	164.6
S	7.8	163.8 ✓
+7	6.5	165.1
+35	4.9	166.7
+55	4.2	167.4

171.59

N		7.9	168.7 ✓
+10		7.7	168.9
	No Section 5		
	Section D = 87.4'		
-5		7.8	168.8
N		3.2	168.4 ✓
+20		4.8	166.8
+55		4.7	166.9
+87.4 = South		5.1	166.5 ✓
S +15		5.6	166.0
	Section E = 103'		
S		7.7	169.4 ✓
+10		3.0	168.6
+15		3.8	167.8
+35		3.5	168.1
+80		4.0	167.6
1+03 = N		7.4	169.2
T.P. 831	179.58	0.32	171.27
	Section F = 45.7'		
N		8.9	170.7
+7		10.3	169.3
+6		8.6	171.0
+14		7.7	171.9
S		6.9	172.7
	Section G between P.I.'s = 60.45'		
East P.I.		11.7	167.9
+9		10.5	169.1

179.58

+19		10.5	169.1
+30.2		8.9	170.7
+60.45 = West P.I.		4.8	174.8
	Section H = 38.8'		
N		4.8	174.8
+19.4		4.8	174.8
+38.8 = South Δ		4.1	175.5
	Section I = 55.65' = S.I.		
N of P.C.		8.9	170.7 ✓
+27		6.7	172.9
+45		5.2	174.4
+46		8.0	171.6
+50		7.2	172.4
+51		5.1	174.5
+55.65 = P.I.		5.1	174.5
	Section J		
P.I.		5.1	174.5
+6		4.9	174.7
+7		7.1	172.5
+10		7.3	172.3
+11		4.7	174.9
+18		4.0	175.6
+23 = Prop Line on Curve		2.1	177.5
	Section K = 55'		
N		2.1	177.5
+8		3.6	176.0

+10		6.9	172.7
+16		6.5	173.1
+17		3.6	176.0
+35		4.2	175.4
+55 = South Δ		4.1	175.5
	Section L = 43'		
S		1.5	178.1
+21.5		2.0	177.6
+43' = N on curve		1.7	178.4
TP	10.57 188.25	1.90	177.68
	Section M = 40'		
N of PCC		8.0	180.3
+5		10.3	178.0
+20		8.6	179.7
+40 = S Δ		7.7	180.6
	Section N = 49.4'		
S		5.7	183.1
+25		6.5	181.8
+36		7.4	180.9
+40		8.6	179.7
+42		7.5	180.8
+49.4 = N. PC		5.6	182.7
	Section O = 54.5		
N		5.9	182.4
+15		6.1	182.2
+20		7.0	181.3

+27		5.2	183.1
+51.5 = Δ on South.		3.7	184.6
	Section P = 30'		
S Δ		3.7	184.6
+10		3.8	184.5
+18		5.2	183.1
+16		4.0	184.3
+30 = PC. on Curve.		2.1	186.2
T.P. 1161	197.82	2.04	186.21
	E.C. on South Crescent Court -20'	= 0+00	
N		8.1	189.7
+4		8.7	189.0
+5		10.0	187.8
+12		11.0	186.8
+15		10.1	187.7
+20' = South		10.1	187.7
	0+35		
S-5'		5.0	192.8
-3'		6.3	191.5
S		6.2	191.6
+3		6.1	191.7
+5		7.1	190.7
+8		6.2	191.6
+11		5.7	192.1
+14		3.3	194.5
+20' = N		2.0	195.8

197.82

T.P.	9.04	204.88	19.8	195.84
		0+55		
N			5.6	199.3
+8			6.6	198.3
+12			12.0	192.9
+14			12.3	192.6
+15			11.3	193.6
+20 = South			10.9	194.0
S+3'			10.0	194.9
+5			8.0	196.9
		0+75'		
-5			4.5	200.4
S			6.5	198.4
+5			8.1	196.8
+8			10.5	194.4
+11			10.4	194.5
+16			7.4	197.5
+18			1.3	203.6
+20' = N			0.8	204.1
T.P.	3.86	195.99	12.75	192.13

X Section North Cresent Court 18.2' Wide Varies

Section ① = 40' Width

S.W'L'Y.			10.0	186.0
+10'			12.8	183.2
+30			14.4	181.6
+40			13.3	182.7

250.26
212.86
37.90

195.99

E.C. on North Cresent Court = 0+00

N			6.0	190.0
+10			8.8	187.2
+18.2			8.4	187.6
	0+25			
S			4.1	191.9
+4			5.9	190.1
+13			5.6	190.4
+18.3' = N			4.4	191.6
T.P. 10.44		205.99	0.44	195.55
	0+60			
N			8.3	197.7
+9			11.0	195.0
+18.5' = S			11.3	194.7
	0+85			
S			7.4	198.6
+11			7.8	198.2
+18.5' = N			5.1	200.9

1+08.16 = △ on S.W'L'Y. P.L. section At. Rt △ to P.L.

N			1.7	204.3
+13			1.5	204.5
+19 = S			+0.6	206.6
T.P. 0.02		193.41	12.60	193.89
T.P. 0.40		180.99	12.82	180.59

this H.I. used on P 29

Walker Ruplinger Shea 1-4-28

X. Section Dove st. 60' Wide 10' cbs 10' ¼s
From Peon. Ave to Sutter st.

180.99 - H.I. ~~from~~ Page 28

0+00 sec sketch

-5	12.1	168.9
E	12.1	168.9 ✓
cb.	12.1	168.9
¼	12.2	168.8
℄	12.1	168.9 ✓
¼	11.9	169.1
cb	10.7	170.3
W.	10.4	170.6 ✓
+5	8.6	172.4

0+50

-10	9.2	171.8
W	10.2	170.8 ✓
cb	10.3	170.7
¼	10.9	170.1
℄	11.0	170.0 ✓
¼	10.5	170.5
cb.	9.6	171.4
E	9.1	171.9 ✓
+5	8.4	172.6

1+00 - ℄ M.H.

-5	9.0	172.0
E	9.1	171.9 ✓
cb.	9.5	171.5
¼	8.9	172.1

180.99

¼ on Rim of M.H.	8.72	172.27
℄	9.1	171.9 ✓
¼	9.3	171.7
cb	8.2	172.8
W	7.7	173.3 ✓
+5	6.7	174.3

1+50

-5	1.8	179.2
W	3.9	177.1 ✓
+4	6.2	174.8
+6	6.4	174.6
+7	5.2	175.8
cb	5.3	175.7
+5	5.5	175.5
¼	8.0	173.0
℄	8.1	172.9 ✓
¼	7.7	173.3
cb.	7.4	173.6
E.	5.7	175.3 ✓
+5	5.1	175.9

2+12.86 = P.C. on West

-5	1.2	179.8
E	2.2	178.8 ✓
cb.	3.7	177.3
¼	5.9	174.1
℄	6.1	174.9 ✓

180.99

1/4			6.2	174.8	
+6			5.8	175.2	
cb			4.2	176.8	
+5			4.4	176.6	
+6			5.5	175.5	
W			2.8	178.2 ✓	
+5			0.9	180.1	
old S.L. Sutter = 2+50.76 = E.C. on West. Note: opposite 0+00 dotted Line in sketch will be refferd to as West Line					
-10			1.9	179.1	
W			3.5	177.5 ✓	
+4			4.0	177.0	
+7			4.9	176.1	
cb			4.3	176.7	
1/4			4.7	176.3	
℄			3.9	177.1	
1/4			3.3	177.7	
cb			3.2	177.8	
E			0.4	180.6 ✓	
+5			0.8	180.2	
T.P.	12.83	192.82	1.00	179.99	on Iron Pipe 2+50.76 on East
		0+30			
E			7.3	185.5	
cb.			12.3	180.5	
+5' = Flow Line ℄ Pipe			14.11	178.71	
1/4			13.3	179.5	
℄			13.8	179.0	

192.82

1/4	14.3	178.5
cb.	15.0	177.8
W	14.9	177.9
+15	12.3	180.5
Garage is not Parallel with St. 0+50 = S.L. Dble. Garage on E Con. Floor With Con. Apron		
-15	12.6	180.2
-13	13.7	179.1
W	14.3	178.5
cb.	13.5	179.3
1/4	13.8	179.0
℄	11.6	181.2
1/4	10.1	182.7
cb.	8.0	184.8
E	6.6	186.2
+2' = toe of Apron	6.53	186.29
+5' = Garage Floor.	6.10	186.72
0+70 = N end of Above Garage		
-2' = Garage Floor.	6.29	186.53
E+1 = toe of Apron	6.36	186.46
cb	6.9	185.9
1/4	9.2 ✓	183.6
℄	10.6	182.2
1/4	11.8	181.0
cb.	13.2	179.6
W	14.1	178.7
+15	14.1	178.7

0+75.5 = ℄ Corrugated Iron Pipe Running East

A on Flow Line	9.81	183.01
B " " "	5.63	187.19

0+75

-15	13.9	191.43
W	14.3	178.5
cb	13.0	179.8
¼	10.7	182.1
℄	9.1	183.7
¼	7.0	185.8
cb	3.4	189.4
E	1.0	191.8

0+95 = ℄ Garage on E Con. Floor 2' Back

E-2' on Garage Floor	1.20	191.62
E	1.8	191.0
cb.	3.4	189.4
¼	4.8	188.0
℄	7.5	185.3
¼	10.6	182.2
cb.	12.6	180.2
W	13.8	179.0
+20	12.8	180.0

Note. If ANY Fill is Made Here Culvert should be Located About 400' Long

T.P.	9.75	199.11.	3.46	189.36
			4.16	194.95

chk. on Lead Plug Page 23

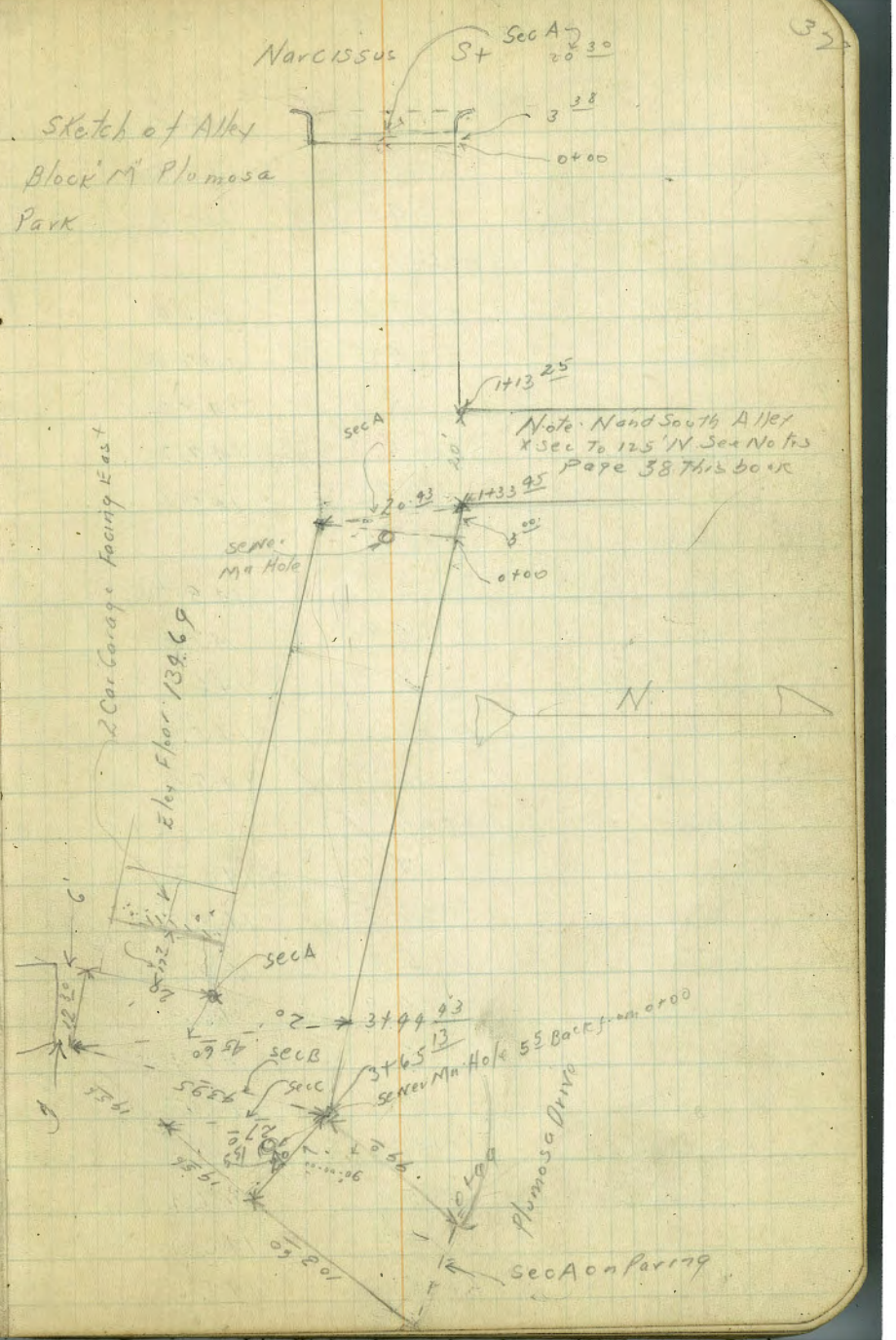
195.00 - Plug Error.
.04

Bliss Duermit Holbeck 5/19/28

X Sections Alley Block "M" Plumosa Park

BM SE BP Chatsworth Blvd & Elliott	8.69	136.82		128.13
T.P.	9.97	144.94	1.85	134.97
T.P	7.21	151.72	0.93	144.51
			Sec A on Paving	
	on Paving			
S Top. Cb			0.72	151.00
G			1.33	150.39
℄			1.85	149.87
G			1.68	150.04
N Top Cb			1.42	150.30
			0+00	
N			1.4	150.3
+ 6			1.4	150.3
℄			1.7	150.0
G			1.33	150.39
S Top Cb			0.72	151.00
			0+14	
S			1.8	149.9
+6			2.2	149.5
℄			2.4	149.3
+6			2.3	149.4
N			2.4	149.3
			0+25	
N			2.4	148.8
℄			2.8	148.9
+5			2.6	149.1
S			2.2	149.5

Plotted 5-31-28 C.B.H.



↑ 151.72 Alley Blk M.

	0+50	
S	3.7	148.0
℄	3.9	147.8
N	4.1	147.6
	0+69	
N	4.9	146.8
+5	4.5	147.2
℄	4.5	147.2
+5	4.5	147.2
S	4.1	147.6
	0+78	
S	3.7	148.0
+4	4.4	147.3
℄	5.0	146.7
N	5.8	145.9
N+10	6.3	145.4
	1+00	
N-10	7.4	144.3
N	6.2	145.5
℄	5.0	146.7
+5	4.9	146.8
+7	4.3	147.4
S	4.2	147.5
	1+13 25 W Line of Alley	
S	5.3	146.4
+5	5.7	146.0
℄	6.1	145.6

Plumoso Park ↑ 151.72 (33)

+5	6.3	145.4
N	7.1	144.6
	1+23 25 ℄ of Alley	
N	7.5	1442
+4	6.8	144.9
℄	6.8	1449
+5	6.7	145.0
S	6.4	145.3
	1+33 45 △ on N = ℄ Line of alley	
S	6.8	144.9
+8	7.4	144.3
℄	7.4	144.3
+5	7.1	144.6
N	8.0	143.7
	Sec A. 20. 43	
N	8.0	143.7
+4	7.3	144.4
℄	7.4	144.3
+5	7.2	144.5
S	7.0	144.7
	0+00 See sketch Page 32	
S	7.0	144.7 7.20
+5	7.3	144.4
℄	7.2	144.5
N	7.7	144.0

0+01 Sewer Manhole

℄ on Rim		7.20	144.52
	0+09		
N-10		8.8	142.9
N		8.2	143.5
+5		7.7	144.0
℄		8.0	143.7
+4		8.3	143.4
S		7.7	144.0
	0+25		
S		8.9	142.8
℄		9.1	142.6
+5		9.1	142.6
N		9.6	142.1
N+5		10.2	141.5
+10		10.2	141.5
	0+44		
N-10		11.8	139.9
N		11.3	140.4
+6		11.3	140.4
+7		10.7	141.0
℄		10.9	140.8
+4		10.8	140.1
S		9.3	142.4
	0+50		
S		9.8	141.9
+7		11.0	140.7

℄		11.1	140.6
+5		11.5	140.2
N		11.8	139.9
N+10		12.9	139.3
TP 2.95	142.28	12.39	139.33
	142.3		
	0+75		
N-10		4.9	137.4
N		4.2	138.1
+6		3.6	138.7
℄		3.1	139.2
S		2.0	140.3
	1+00		
S		2.8	139.5
+5		3.5	138.8
℄		3.7	138.6
N		4.9	137.4
N+10		5.9	136.4
	1+25		
N-10		5.8	136.5
N		5.1	137.2
+6		3.7	138.6
℄		3.9	138.4
+5		3.5	138.8
S		2.8	139.5
	1+50		
S		3.3	139.0

	π 142.28	
+5	4.2	138.1
℄	4.4	137.9
+3	3.8	138.5
+5	4.0	138.3
N	5.1	137.2
N+10	5.8	136.5
	1+65	
N-10	6.2	136.1
N	5.7	136.6
℄	4.9	137.4
S	4.2	138.1
	1+75	
S	4.3	138.0
℄	5.1	137.2
N	5.8	136.5
N+10	6.6	135.7
	2+00	
N-10	6.9	135.4
N	6.0	136.3
℄	5.3	136.0
S	4.1	137.9
	2+25	
S	4.4	137.9
℄	5.3	137.0
N	6.2	136.1
+10	6.5	135.8

	π 142.28	
	2+50	
N-10	7.3	135.0
N	6.8	135.5
+4	6.6	135.7
℄	6.2	136.1
S	5.3	137.0
	2+70	
S	4.7	137.6
+5	5.7	136.6
℄	6.6	135.7
N	7.3	135.0
N+10	8.0	134.3
	2+75	
N-10	8.1	134.2
N	7.3	135.0
℄	6.6	135.7
+5	5.9	136.4
S	4.8	137.5
	3+00	
S	5.4	136.9
℄	6.6	135.7
+3	7.2	135.1
N	7.4	134.9
N+10	8.7	133.6
	3+11	
N-10	9.0	133.3

142.28 17.7

N		7.7	134.6
℄		7.3	135.0
+9		6.0	136.3
S.		6.1	136.2
	3+25		
S		7.8	134.5
℄		8.2	134.1
N		8.4	133.9
N+5		8.7	133.6
N+10		9.7	132.6
	3+37		
N-10		10.8	131.5
N		9.9	132.4
℄		9.2	133.1
+2		8.7	133.6
S		8.1	134.2
T.P	4.43	136.74 9.91	132.31

Sec 90° See Sketch Page 32
3+44 43 Garage 17.7 Back Rod 2.05

S		1.0	135.7
+-		2.0	134.7
+12		2.5	134.2
℄		2.9	133.8
+05		3.3	133.4
+07		4.3	132.4
N		4.8	131.9
N+10		5.4	131.3

136.74 36

Sec A 45 ko

N		4.8	131.9
+9		4.6	132.1
+12		3.8	132.9
℄		2.8	133.9
+9		2.5	134.2
+14		1.8	134.9
S		0.5	136.2

Sec B = 43.95 3+65-13 on N c A

S		0.5	136.2
+5		1.8	134.9
℄		3.3	133.4
+11		4.3	132.4
N		5.5	131.2
TP	3.53	136.09 4.48	132.26

136.1 27°

Sec C

N		4.9	131.2
+6		4.4	131.7
+8		3.9	132.2
℄		3.6	132.5
S		2.4	133.7

Sect 90° Service Man Hole For Location See Sketch 5.5 Back

Rod on Rim 4.48

S		4.7	131.4
℄		5.1	131.0
+7		4.7	131.4
N		4.9	131.2

136.09

	0+25	
N	7.2	128.9
℄	7.5	128.6
+5	7.6	128.5
S	7.3	128.8
	0+35	
S	8.3	127.8
+5	8.2	127.9
℄	8.4	127.7
+5	8.3	127.8
N	8.4	127.7
	0+50	
N	9.7	126.4
+3	9.7	126.4
+9	9.2	126.9
℄	9.2	126.9
S	9.5	126.6
	0+60	
S	10.2	125.9
℄	10.2	125.9
N	10.3	125.8
	0+85	
N	10.9	125.2
+5	11.3	124.8
℄	11.1	125.0
+7	11.0	125.1
S	11.4	124.7

136.09

	0+99.0	
S	11.6	124.5
+3	11.0	125.1
+8	10.9	125.2
℄	11.1	125.0
+9	11.2	124.8
Gutter on Paving	11.02	125.07
Top cb	10.60	125.49
	Sec A. 0+99 on N = 1+03.60 on S. 20.70	
N Top cb	10.60	125.49
G	11.02	125.07
℄	11.40	124.7
S. Gutter	11.25	124.84
S. Top cb	10.99	125.10
check on Starling BM	7.95	128.14

Bliss
5/29/28

X Sections of North & South Alley Block "M" Plumosa Park from the N. Line of East West Alley to 125' North

BM 70 pMn Hole opposite Alley Intersection	+	H.I.	−	Elev
	1.92	146.44		144.52
			0+00	
E			2.7	143.7
℄			2.2	144.2
W			1.8	144.6
			0+12	
W			2.7	143.7
℄			3.1	143.3
E			3.4	143.0
			0+25	
E			4.0	142.4
℄			3.6	142.8
W			3.2	143.2
			0+50	
W			3.9	142.5
℄			4.7	141.7
E			5.5	140.9
E+10			6.0	140.4
			0+85	
E-10			7.3	139.1
E-6			6.8	139.6
E			6.2	140.2
℄			5.2	141.2
W			4.4	142.0
			1+00	
W			6.3	140.1

146.44

℄	6.8	139.6
+4	7.0	139.4
E	7.8	138.6
E+10	8.4	138.0
	1+25	
E-10	12.2	134.2
E	11.9	134.5
℄	11.1	135.3
+5	10.8	135.6
W	10.3	136.1

Karl F. Jaeger
Bailey
Clarent
} June 4th 1928.

X-Section Montecito Way - 50' Str. 30' between Curbs - 10' Side Walks - from 4th Street West to Front Str.

STA		+	H.I.	−	Elev.
BM, SE. B.P. Montecito & 1st					291.14
0+00	West Line 4th				283.81
	N.L. Side Walk	6.69	290.50		
0+00	N. Curb Top			6.93	
	" Bott.			7.50	
	N'/4			7.4	
	℄			7.2	
	S'/4			7.4	

STA	+	H.I.	−	Elev.
S. Curb Bott.			7.45	
" Top			6.93	
S.L. Side Walk			6.72	
0+50				
N.L.			6.25	
+10'			6.9	
+13'			7.1	
N'/4			7.0	
℄			6.6	
S'/4			7.0	
+6'			7.0	
+7.5'			6.65	
S.L.			6.50	
0+87 85				
N.L.			5.7	
+10'			6.2	
+15'			6.7	
N'/4			6.6	
℄			6.25	
S'/4			6.7	
S. Curb Bott.			6.65	
" Top			6.31	
S.L. Side Walk			6.0	

STA	+	H.I.	−	Elev.
1+00	Beginning of Side Walk			
	N.L.		"	5.87
	N. Curb Top			6.09
	" Bott.			6.25
	N 1/4			6.40
	℄			6.20
	S 1/4			6.6
	S. Curb Bott.			6.18
	" Top			6.50
1+00.05	S.L. Sidewalk			5.95
1+50				
	N. Curb Top			5.72
	" Bott.			6.3
	N 1/4			6.05
	℄			5.80
	S 1/4			6.20
	+6'			6.45
	+7.5'			5.8
	S.L.			5.3
2+00.43	E.L. 3rd			
	N. Curb Top			5.30
	" Bott. Pavement			5.81
	N 1/4		"	5.49
	℄		"	5.32
	S 1/4		"	5.23

STA	+	H.I.	−	Elev.
S. Curb Bott.	Pavement		5.85	
" Top			5.29	
S.L. Side Walk			4.98	
	3rd St. paved			
0+00 W.L. 3rd St.				
N. Curb Top			5.87	
" Bott.	Pavement		6.25	
N'/4	"		5.84	
℄	"		5.65	
S'/4	"		5.65	
S. Curb Bott.	"		5.82	
" Top			5.29	
0+50				
N. Curb Top			5.50	
" Bott.			6.2	
N'/4			5.9	
℄			5.5	
S'/4			5.6	
S. Curb Bott.			5.6	
" Top.			5.01	
1+00				
N. Curb Top			5.20	
" Bott.			5.9	
N'/4			5.55	
℄			5.15	

Sta	+	H.I.	−	Elev.
S'/4			5.3	
S. Curb Bott.			5.4	
" Top			4.7✓	
1+50				
N. Curb Top			4.59	
" Bott.			5.1	
N'/4			4.75	
℄			4.35	
S'/4			4.45	
S. Curb Bott.			4.7	
" Top			3.91	
2+00				
N. Curb Top			3.87	
" Bott.			4.2	
N'/4			4.0	
℄			3.55	
S'/4			3.7	
S. Curb Bott.			3.7	
" Top			3.0✓	
2+29 84 E. L. Bachman Pl.				
N. Curb Top			3.43	
" Bott.			3.9	
N'/4			3.55	
℄			3.10	
S'/4			3.3	

STA	+	H.I.	−	Elev.
S. Curb Bott.			3.25	
" Top			2.41	
2+39 84 E. Curb Bachman Pl.				
E. Curb Top } N.L. Monticito			3.45	
" Bott. }			3.65	
+10'			3.70	
N 1/4			3.35	
℄			3.0	
S 1/4			3.0	
+7.5			3.30	
E. Curb Top } S.L. "			2.42	
" Bott. }			3.05	
2+54 84 E 1/4 Bachman Pl.				
N.L.			3.65	
+10			3.3	
N 1/4			3.05	
℄			2.85	
S 1/4			2.75	
+7.5'			2.7	
S.L.			2.7	
2+69 84 ℄ Bachman Pl.				
N.L.			2.95	
+10'			2.75	
N 1/4			2.65	
℄			2.55	

STA	+	H.I.	−	Elev.
S'/c			2.3	
+7.5'			2.15	
S.L.			1.90	
2+84 ℄ W'/c Bachman Pl.				
N.L.			3.3	
+10'			3.0	
N'/c			2.8	
℄			2.65	
S'/c			2.4	
+7.5'			2.4	
S.L.			2.4	
2+99 ℄ W. Curb Bachman Pl.				
W. Curb Top } N.L. Monticito			2.8	
" Bott. }			3.6	
+10'			3.5	
N'/c			2.9	
℄			3.0	
S'/c			3.0	
+7.5			2.8	
W. Curb Bott. } S.L.			2.6	
" Top }			1.80	
3+09 ℄ W.L. Bachman Pl. = 0+00				
N. Curb Top			2.79	
" Bott.			3.30	
N'/c			2.7	

STA	+	H.I.	−	Elev.
℄			2.55	
S'/4			2.65	
S. Curb Bott.			2.7	
" Top.			1.84	
0+50				
N. Curb Top			1.84	
" Bott.			2.4	
N'/4			1.85	
℄			1.75	
S'/4			1.8	
S. Curb Bott.			2.0	
" Top			1.11	
T.P.			1.84	288.66
	6.55	295.21		
1+00				
N. Curb Top			5.72	
" Bott.			6.3	
N'/4			5.9	
℄			5.7	
S'/4			5.8	
S. Curb Bott.			5.7	
" Top			5.25	
BM. T.P.			4.07	291.14
	3.76	294.90		

Sta	+	H.I.	−	Elev.
1+50				
N. Curb Top			4.65	
" Bott.			5.4	
N'/4			4.6	
℄			4.5	
S'/4			4.85	
S. Curb Bott.			5.0	
" Top			4.36	
1+99.80 E.L. 1st				
N. Curb Top			3.84	
" Bott. Pavement			4.49	
N'/4	"		4.23	
℄	"		4.12	
S'/4	"		4.26	
S. Curb Bott.	"		4.52	
" Top			3.83	
0+00 W.L. 1st				
N.L. Sidewalk			3.82	
N. Curb Top			3.96	
" Bott. Pavement			4.65	
N'/4	"		4.45	
℄	"		4.3	
S'/4	"		4.38	
S. Curb Bott.	"		4.65	
" Top			3.96	

Sta	+	H.I.	−	Elev.
S.L. Side Walk			3.70	
0+50				
N.L.			4.45	
+10'			5.00	
+12'			5.50	
N'/g			5.3	
℄			5.2	
S'/g			5.1	
+6.5			5.15	
+7.5			4.8	
S.L.			4.85	
1+00				
N.L.			5.4	
+10'			6.1	
+13'			6.4	
N'/g			6.15	
℄			5.9	
S'/g			5.65	
+7.5			5.9	
S.L.			5.9	
1+50				
N.L.			6.0	
+1'			6.5	
+10'			6.9	
+12'			7.0	

Sta	+	H.I.	−	Elev.
N'/4			6.75	
℄			6.8	
S'/4			7.0	
+7.5'			6.8	
S.L.			6.3	
2+00 30 E.L. Front				
N.L. Side Walk			7.0	
N. Curb Top			7.32	
" Bott. Pavement			7.93	
N'/4	"		7.59	
℄	"		7.56	
S'/4	"		7.83	
S. Curb Bott.	"		8.24	
" Top			7.84	
S.L. Side Walk			7.45	

Transit

Note: Instrument in bad adjustment.

KT.

JAEGER, Bailey, Clarert } June 4th 1928

X-Section Alley - Bl. 74 - Ocean Beach from Bacon 600' North to Abbott.

20'

STA		+ H.I.	−	Elev.
B.M. N.W.B.P.	Abbott & Saratoga			5.05
		7.96	13.01	
6+00	E.L. Abbott			
	N. Curb Top } N.L. Alley		7.89	5.12
	" Bott. } N.L. Alley		8.07	4.94
	℄		8.41	4.60
	S. Curb Bott } S.L. Alley		8.05	4.96
	" Top } S.L. Alley		7.82	5.18
5+50				
	N.L.		5.0	8.0
	+3'		4.9	8.1
	℄		6.7	6.3
	S.L.		8.0	5.0
5+25				
	N.L.		4.0	9.0
	℄		3.5	9.5
	+4'		3.7	9.3
	S.L.		6.2	6.8
5+00				
	N.L.		4.0	9.0
	℄		3.7	9.3
	+5'		3.7	9.3
	S.L.		5.1	7.9

Platted 6-8-28 C.B.H.

13.01

STA	+	H.I.	−	Elev.
4+89.00				
+8.50 ℄ Ground Floor of House			4.20	8.81 ✓
N.L.			3.9	9.1
℄			3.7	9.3
S.L.			3.7	9.3
4+64				
+ ℄ Ground " " "				
+8.0			4.1	8.9 ✓
N.L.			4.0	9.0
℄			3.8	9.2
S.L.			4.0	9.0
4+50				
N.L.			3.7	9.3
℄			3.2	9.8
S.L.			3.5	9.5
4+00				
N.L.			3.0	10.0
℄			3.7	9.3
S.L			4.1	8.9
3+50				
N.L.			2.0	11.0
℄			1.3	11.7
S.L.			0.6	12.4
T.P.			1.10	11.91
	9.68	21.59 ✓		

21.59

STA	+	H.I.	−	Elev.	
3+00					
N.L.			9.5	12.1	
℄			8.5	13.1	
S.L.			8.6	13.0	
2+90.00					
+6' ℄ Ground Floor House			8.2	13.6 ✓	
N.L.			9.0	12.6	
℄			8.2	13.4	
S.L.			9.0	12.6	
2+90.00					
6.7' S. of South Line Alley			9.1	12.5 ✓	℄ Ground Floor House
2+70.00					
+11' ℄ Ground Floor House			7.0	14.6 ✓	
N.L.			7.7	13.9	
℄			7.9	13.7	
S.L.			7.3	13.3	
2+50					
N.L.			8.6	13.0	
℄			7.8	13.8	
S.L.			7.7	13.9	
2+00					
N.L.			7.7	13.9	
℄			6.2	15.4	
S.L.			4.6	17.0	

21.59

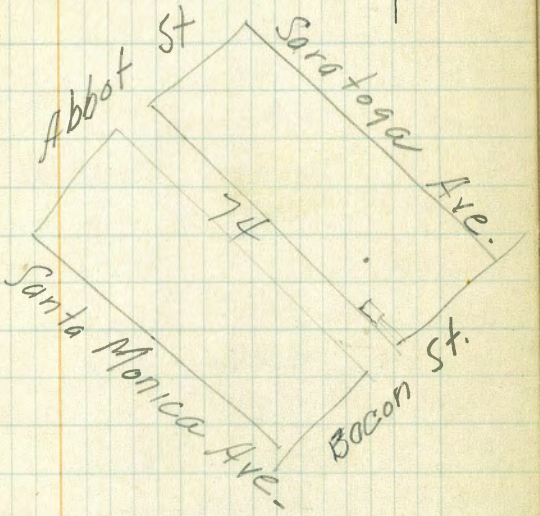
Sta	+	H.I.	−	Elev.	
1+66					
N.L.			5.4	16.2	
℄			5.2	16.4	
S.L.			4.5	17.1	
+4'			4.5	17.1 ✓	Walk & ℄ House, Ground Floor
1+50					
N.L.			4.0	17.6	
℄			4.0	17.6	
S.L.			4.0	17.6	
1+00					
N.L.			1.5	20.1	
℄			2.5	19.1	
S.L.			2.0	19.6	
0+75					
N.L.			4.5	17.1	
℄			4.8	16.8	
S.L.			5.2	16.4	
0+50					
N.L.			8.7	12.9	
℄			5.8	15.8	
+6'			6.0	15.6	
S.L.			7.4	14.2	

21.59

Sta	+	H.I.	−	Elev.
0+25				
N.L.			11.7	9.9
+5'			9.0	12.6
℄			9.5	12.1
+7'			9.8	12.8
S.L.			10.9	10.7
0+00 W.L. Santa Monica				
N. Curb Top			13.39	8.20
" Bott.			13.52	8.07
℄			13.91	7.68
S. Curb Bott.			13.51	8.08
" Top			13.24	8.35

Note: Instr. in bad adjustment

Garage Floor facing Santa Monica →



alley Blk C½ City Hts

Contd. from P-60

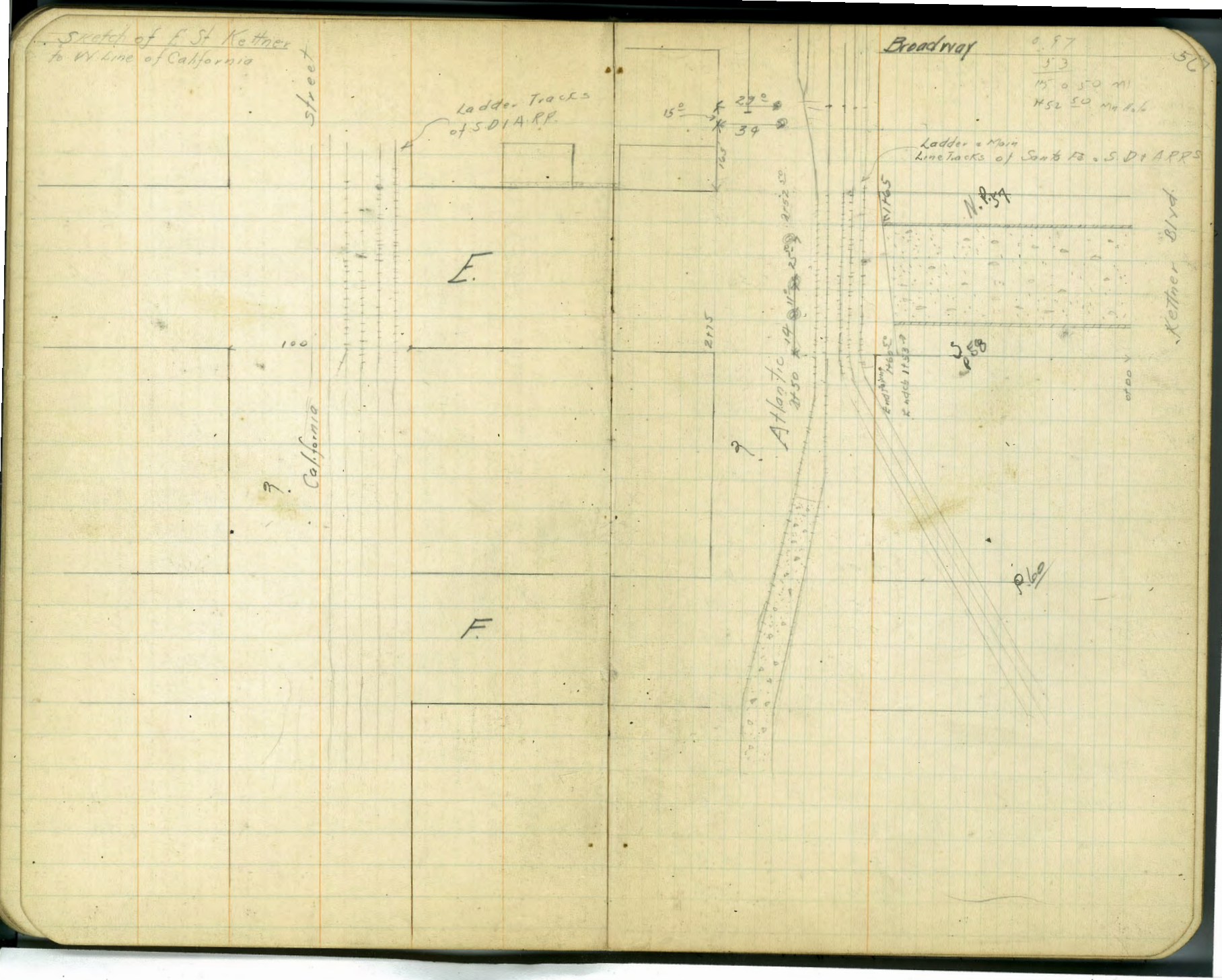
353.63

4+86

W-2	E 10' wide con. apron	5.24	348.39	Level
W-5	" Sm. gar Cor. floor	4.73	348.90	"
	4+95			owner might raise this
-25		4.7	348.9	
E		4.9	348.7	
C		5.1	348.5	
W		5.0	348.6	
+25		4.5	349.1	
	5+02			
W+1.0	& 16" P.P.			
E+0.6	N. end of 4.5 long picket fence			
T.P.	516 353.95	4.84	348.79	
	5+25			
-25		4.5	349.5	
W		5.1	348.9	
C		5.2	348.8	
E		4.9	349.1	
+25		4.4	349.6	
	5+50			
-25		3.6	350.4	
E		4.0	350.0	
C		4.4	349.6	
W		4.5	349.5	

353.95

W+25		4.0	350.0	
	5+75			
-25		3.6	350.4	
W		3.4	350.6	
C		3.5	350.5	
+C		3.3	350.7	
E		2.8	351.2	
+25		2.9	351.1	
	C+00 S.L. Univ. Ave			
E Top curb		2.48	351.47	351.48
E 9T Pav		2.48	351.47	P. 3
C "		2.81	351.14	
W 4T. "		2.87	351.08	
W Top curb		2.87	351.08	
	C+15 Sc6 Univ. Ave			
W Pav		3.53	350.42	
C "		3.34	350.61	
E "		3.25	350.70	
T.P.	3.48 352.39	5.24	348.71	
check to orig. B.M.		5.02	347.37	347.37


Sketch of E St Kettner
to W Line of California
Street
California
Ladder Tracks
of S.D.&A.R.R.
E.
F.
100
15°
29°
34
165
2+75
Atlantic
Broadway
0.97
53
15 0 50 MI
1+52 50 Mn Hole
Ladder & Main
Line Tracks of Santa Fe & S.D.&A.R.R.S
N.P.57
S.P.58
P.60
Kettner Blvd.
56

Levels on Improvements and Santa Fe Tracks E St. from W. Line of Keltner to W. Line of California

	+	H.I.	−	Elev
BMSEBP Arotic + E	7.39	12.84		5.45

North Side

0+00 NCb			5.80	7.04
0+50			6.19	5.65
1+00			6.51	6.33
T.P.	4.23	10.53	6.54	6.30
1+50			4.66	5.87
1+65 = 1+60	52° Curb to 65 5 a Section on Existing Paving		4.73	5.80
G			5.32	5.21
1/4			5.01	5.52
℄			4.87	5.66
1/4			4.90	5.63
S			5.28	5.25
1+95 10			4.99	6.04
1+99 90			4.44	6.09
2+11 32			4.51	6.02
2+15 95			4.46	6.07
2+20 80			4.41	6.12
2+40			5.2	5.3
2+75			4.7	5.8
3+15 Walk			5.25	5.28
3+56 Walk			5.26	5.27
T.P.	5.04	9.75	5.82	4.71
4+00			4.9	4.8
4+25			5.3	4.4
4+75 E Line of			5.1	4.6

Plotted 8-30-28 C.B.H.

		9.75	5.21	
4+81 35 E Rail			5.21	4.54
4+86 05 W Rail			5.19	4.56
4+94 50			5.13	4.62
4+99 20			5.15	4.60
5+30 45 E			5.21	4.54
5+32 43			5.19	4.56
5+35 18			5.20	4.55
5+37 20			5.17	4.58
5+75 W Line of			4.8	5.0
T.P.	7.51	13.56	3.70	6.05
check on starting BM			8.12	5.44
check on BMSWBP India + E			4.55	

Levels on South Side of E Kettner to Calif.

	+	↑	−	Elev
BM S E Kettner & F	7.39	12.84		5.45
		South Side		
0+00 Sch			5.89	6.95
0+50			6.25	6.59
1+00			6.54	6.30
TP	4.23	10.53	6.54	6.30
1+50			4.65	5.88
1+53			4.69	5.84
1+87			4.83	5.70
1+91			4.76	5.77
2+01			4.89	5.69
2+06			4.84	5.69
2+18			4.75	5.78
2+22			4.83	5.70
2+40			5.2	5.3
2+75 W line of Atlantic			5.1	5.4
3+15			5.8	4.7
3+56			5.8	4.7
TP	5.04	9.75	5.82	4.71
4+06			5.0	4.7
4+25			5.5	4.2
4+75 E Line of			5.2	4.5
4+81 E Rail			5.17	4.58
4+85 W Rail			5.20	4.55
4+99 E Rail			5.07	4.68
4+99.09 W Rail			5.12	4.63
5+33 E Rail			5.07	4.68
5+37			5.00	4.75

H.I. 9.75

58

5+42	4.90		4.85
5+46	4.82		4.93
5+75	4.8		5.00
TP 7.51	13.56	3.70	6.05
check on Starting BM		8.12	5.44

Levels for Mo. Hole E. Atlantic

BM	+	↑	−	Elev
	4.94	10.99		6.05
1+65	W. Rail		4.76	6.23
	E		4.75	6.24
	W		4.76	6.23
	E		4.73	6.26
1+80	E		4.67	6.32
	W		4.70	6.29
	E		4.70	6.29
	W		4.75	6.24

Levels to Establish Elevation of Paving Between Rails of Santa Fe R.R. on Broadway and Atlantic S. Side Broadway

	Baseline W. Line of Kettner +	H.I.	−	Elev	
B.M. SEBP Kettner & Broadway	2.36	12.86		10.50	
0+00 W. Line of Kettner					
1+88 15	℄ First Track		5.45	7.41	
2+01 05	℄ Second Track		5.59	7.25	
2+24 55	℄ 3rd "		6.13	6.73	
2+38 45	℄ 4th Track		6.45	6.41	
2+45 75	℄ 5th Track		6.40	6.46	
2+62 45	℄ 6th Track		6.55	6.31	
T.P.	2.92	9.46	6.12	6.74	
4+15			5.41		4.25
4+83 50			5.55	5.62	4.11
4+96 40			5.48	5.50	4.18
5+11 22			5.51	5.59	4.15
5+25 ℄			5.53		4.13
5+69	Gutter		6.35		3.31
5+69	Top ob		5.76		3.90
T.P.	5.03	11.19	3.50	6.16	
Check on Gas Co BM NE Corr Ave			5.13	6.06	

Levels on Rails North Side of F. Between the W Line of Kettner + WAT W Line of Kettner
Used as Base Line

B.M. S.E.B.P. Kettner + E	+	H.I.	−	Elev
	4.74	10.19		5.45
0+00				
1+04	E Rail		4.82	5.37
1+08 75	W "		4.72	5.47
1+32 82	E "		5.11	5.08
1+37 88	W "		5.08	5.01
2+19 50	E Rail		6.64	3.55
2+24 30	W Rail		6.64	3.55
2+26 20	Paving		6.60	3.59
2+62 80	Paving		6.63	3.56
2+64 80	E Rail		6.62	3.57
2+69 80	W		6.45	3.74
2+78	E		6.50	3.69
2+82 70	W Rail		6.47	3.72
T.P.	3.80	7.49	6.50	3.69
4+91 12	E Rail		3.73	3.76
4+95 82	W Rail		3.86	3.63
4+99 82	E		3.91	3.58
5+04 54	W		3.98	3.51
5+14 60	E		3.66	3.83
5+19 30	W		3.63	3.86
5+45 54	E		3.69	3.80
5+50 25	W		3.74	3.75
T.P.	6.85	10.24	4.10	3.39
Check on B.M.			4.79	5.45

Walker Ruplinger Northern Shaw 9-12-28

Cross Section 20' Alley Blk. 4 Crittenden's Add.

Bet 6th And 7th From Pennsylvania to Robinson

28626

61

Refigured 11-24-28 TGH. @ New Grade YB 13-34

10.22 288.26 278.04 SE 7' tack Penn. + 7th St.

N.L. Penn. Ave = 0+00

E = top cb.	4.74	283.52
E Gutter on Paving	4.82	283.44
℄ " "	4.85	283.41
W " " "	4.23	284.03
+9.6' = W top cb.	3.93	284.33
0+15 = North end curb		
W+0.4' = top cb	3.61	284.65
+0.4 on Ground	4.3	284.0
℄	4.3	284.0
E	4.5	283.8
T.P. 2.94 286.26	4.94	283.32
Brick R = 2.9		283.4
0+61 = ℄ Fire Place to Residence on E 1.4' in Alley		
0+50 = ℄ Con. Walk on West on Line 2' Wide		
E	2.8	283.5
℄	2.6	283.7
West top Walk	2.30	283.96
R = 3.0		283.0 50' Wide
0+75 = ℄ House on E 0.4' in Alley Wooden Foundation		
1+03 = South edge "B" Bld. on East on Line " "		
W	2.8	283.5
℄	3.1	283.2
E. at Bld.	3.2	283.1
R = 2.5		283.8
1+17 = ℄ Garage on W 5' Back dirt Floor 5' Back		
1+28 = " " on W 5' Back With Con. Apron Approach		
W-5 on Garage Floor	2.7	283.6

Gardage figured 9-26-28 TGH

Note: Piece of 8" curb on West from 0+00 to 0+15 0.4 in Alley

Plotted 9-18-28 - C.B.H.

W+4.5 on toe Apron	2.9	283.36
W	3.0	283.3
℄	3.3	283.0
E	3.5	282.8
R = 3.5		
1+34 = North end "B" Bld. on East on Line		
1+39 = ℄ Garage on East. Con. Floor With Con. Apron		
E-0.6 = " Floor	3.32	282.94
E+1.4 = toe Apron	3.41	282.85
1+55 = South end Dble. Garage on West Con. Floor With Con. Apron.		
E	3.7	282.6
℄	4.0	282.3
W+0.4 on toe Apron	3.63	282.63
+4' = Garage Floor	3.43	282.83
1+68 = North end Above Garage = South end Garage on E		
-4'	3.4	282.9
W-0.4	3.9	282.4
W	3.9	282.4
℄	4.4	281.9
E on [illegible]	4.4	281.9
E on toe Apron	4.60	281.60
+5 on Garage Floor	4.55	281.71
1+94 = North end Above Garage on East.		
+4.9' on Garage Floor	4.56	281.70
E on toe Apron	4.66	281.60
+1	4.5	281.80
℄	4.3	282.0

28626

W	4.1	282.2
↓2+06 = ℄ Board Fence on West 0.4 in Alley 40' wide	R = 5.2	281.1
↓ 2+08 = ℄ Garage on E 5' Back Con Floor		
↓ 2+17 = " " on West. Con. Floor With Con. Apron. 0.6 in Alley		
W+06 on Garage Floor	4.22	282.04
+1.9 " Toe Apron	4.34	281.92
℄	4.5	281.8
E	4.7	281.6
	R = 4.5	281.8
↓2+31 = ℄ Garage on W 3' Back dirt Floor	R = 4.5	281.8
↓+42 = " " " " " " dirt Floor	R 4.4	281.9
↓2+41 = ℄ Shed on E 0.2 in Alley 20' wide dirt Floor		
↓2+58 = ℄ Garage on W 0.4' in Alley Wood Floor		
E	5.4	280.9
℄	5.3	281.0
+6	5.2	281.1
+9.6 on Garage Floor	4.18	282.08
↓ 2+80 = North end Bld. on W. on Line		
W at Bld.	5.2	281.1
℄	5.6	280.7
E	5.6	280.7
	R = 5.68	
↓ 2+90 = ℄ Garage on E Con. Floor 4.9' Back.		280.58
↓ 3+02 = ℄ Rubber Tree on West. 40' high 2' dia.		
E	5.8	280.5
℄	5.7	280.6
+7 edge Roots	5.6	280.7
+9.5 on Roots = East edge Tree	5.0	281.3

28626 Cross Section 62
Alley Blk 4
Crittendens Add.

	R=5.8	280.5
↓3+16 = ℄ Shed on E 0.8 in Alley 32' wide dirt Floor.		
↓3+40 = "Garage on E Con. Floor With Con. Apron.		
W	5.1	281.2
℄	5.5	280.8
E = toe Apron	5.87	280.39
+1.4 = Garage Floor	5.67	280.59
	R = 5.4	280.9
↓3+51 = South edge Dble. Garages on E. 4.8 Back dirt Floo		
↓3+68 = ℄ Garage on W 1.8' Back. dirt Floor.		
-1.8 on Floor	4.6	281.7
W	4.8	281.5
℄	5.6	280.7
E	6.0	280.3
	R = 6.4	279.9
↓3+88 = North end Above 4 Garages on E. dirt Floor. 4.8 Back		
TR 494 285.39	5.81	280.45
↓4+02 = South end Garage on E Con. Floor. With Con. Apron		
-2.7 on Garage Floor	4.74	280.65
E = toe Apron.	5.04	280.35
℄	5.0	280.4
+4	4.7	280.7
W	4.3	281.1
	R. 5.08	280.31
↓4+19 = North end Above Garage		on toe Apron.
↓ 4+45 = ℄ Garage on E dirt Floor 2.5' Back		
W	4.5	280.9
+5	5.0	280.4
℄	5.3	280.1
E	5.4	280.0

285.39

+2.5 = Garage Floor	5.4	280.0
	R = 5.54	279.85

4+60 = ℄ Garage on E 2' Back. Con. Floor

4+80 = ℄ Garage on E 2.7' Back. Wood Floor

-2.7	5.72	279.67
E	5.8	279.6
℄	5.6	279.8
W	5.7	279.7

5+00

W	6.0	279.4
℄	5.7	279.7
+5	5.6	279.8
E	6.0	279.4

5+17 = ℄ Garage on E Con. Floor 2.2' Back.

-2.2	5.78	279.61
E	5.6	279.8
℄	5.5	279.9
+5	5.3	280.1
W	4.8	280.6
	R = 4.66	280.73 1.4' in Alley

"B"

5+22 = South end Con. Walk on West. Parallel with Alley 2.5' wide

(53) 4+50 = ℄ Fence on E 0.2' in Alley 2.5' wide

W	4.64	280.75
+14 = east edge walk	4.64	
+2	5.0	280.4
℄	5.0	280.4
E	5.8	279.6
	5.63	

5+60 = ℄ Con. Walk on E on Line 3' wide

285.39 Alley X. Section
Blk. 4 Gittendens Add.

6+00 = North end "B" Walk on West 1.4' in Alley Parallel with Alley

6+00 = S.L. Robinson Ave

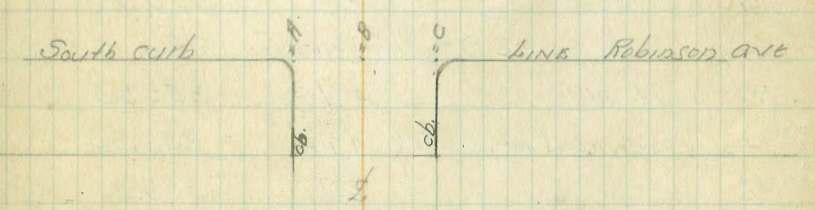
E top cb.	4.91	280.48
" Gut on Paving	4.91	280.48
℄ " "	5.05	280.34
W " " "	4.49	280.90
" top cb.	4.25	281.14

chk. on N.W. B.P. Robinson + 6th st. +0.13 285.52

285.51 = B.M.
0.01 = Error

159 π 287.10 285.51 = Above B.M.

A on Paving	6.88	280.22
B " "	7.19	279.91
C " "	7.43	279.67



Walker Ruplinger Shaw Northern 9-12-28

Cross Section 20' Alley Blk. 45 City Hts. Bet Van Dyke + 43rd From N.L. Univ. to S.L. Polk.

N.W. B.P. Wightman + Van Dyke	6.98	361.59		354.61	
TP	6.01	362.93	4.67	356.92	on N.W. B.P.
TP	5.95	364.20	4.68	358.25	Univ. + Van Dyke
TP	5.90	364.86	5.24	358.96	

N.L. Univ. = 0+00

E top cb.	5.73	359.13
" Gut on Pav.	5.73	359.13
℄	5.93	358.93
W " " "	5.70	359.16
" top cb.	5.70	359.16

Plotted 9-19-28 - C.B.H.

0+10

W	4.8	360.0
℄	5.4	359.5
+7	5.5	359.4
E	5.0	359.9

0+29 = Southend Con Walk on E Parallel with Alley

E +0.2 at Bld	4.93	359.93
+2.2 on West edge Walk	4.98	359.98
℄	5.1	359.8
W	5.0	359.9

0+49 - North end Walk on E

W	5.1	359.8
℄	4.9	360.0
+7.6 on West edge Walk	4.85	360.01
E	4.7	360.2

36486

0+55 = ℄ Doorway to Garage on W. Con. Floor

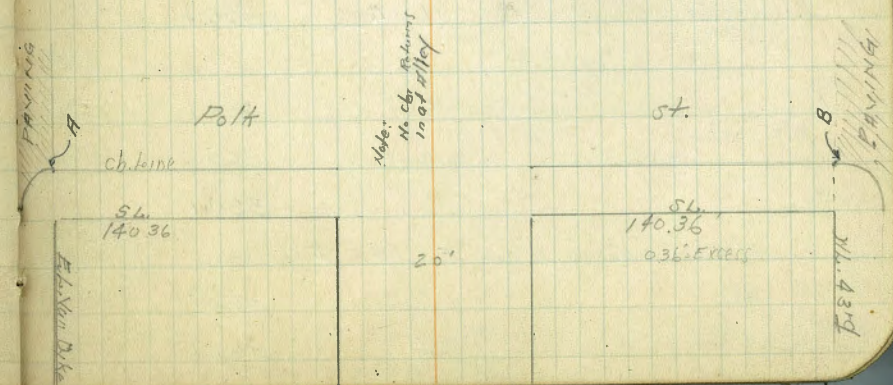
E	4.8	360.1
℄	4.9	360.0
+6	5.1	
W	5.7	359.2
+1 on Con. Floor	5.72	359.14

0+61

W	5.0	359.9
℄	4.8	360.1
E	4.7	360.2

0+82 = ℄ Garage on W. Con. Floor With Con. Apron.

E	4.6	360.3
℄	4.7	360.2
W	5.1	359.8
+0.6 on toe top Apron	5.09	359.77



1+00

W	5.0	359.9
℄	4.7	360.2
E	4.9	360.0

1+37 = ℄ Garage on E 5.7' Back

-5.7 on Con Floor	4.54	360.32
-3.7 " toe Apron	4.69	
E	4.7	360.2
℄	4.2	360.7
W	4.8	360.1
T.P. nail in Pk 383	366.65 4.04	360.82

1+54 = ℄ Garage on E Con Floor With con. Apron = 1' Back Garage 4.5 Back

toe Apron	6.44	
Garage Floor	6.15	360.40

1+93 = ℄ Garage on E 1.1' Back Wood Floor

W	6.5	360.1
℄	6.3	360.3
E	6.2	360.4
+1.1 on Floor	6.04	360.61

2+32

E	6.5	360.1
℄	6.1	360.5
W	6.5	360.1

3+05 = ℄ Garage on E. Con Floor

W	6.0	360.7
℄	5.5	361.1

E = on toe Apron	5.43	36.122
+2' on Garage Floor	5.20	361.45

3+50

E	4.8	361.9
℄	5.0	361.6
W	5.1	361.6
	R = 49	361.7

3+68 = cottage on E 0.2' Back. dirt Floor.

4+01 = Southedge Dble Garage on West Con Floor With Con Apron

-4.5 on Garage Floor	4.00	362.65
W	4.36	362.29
+2.5 = toe Apron	4.55	362.10
℄	4.8	361.9
E	5.1	361.6

4+20 = North end Above Garage on W

E	4.6	362.1
℄	4.7	362.0
+7.5 on toe Apron	4.41	362.24
W	4.30	362.35
+4.5 = Garage Floor	4.06	362.59
	R = 4.45	362.20

4+21.25 = ℄ Con. Walk on W 2.5' in Alley 2.5' Width

4+30 = ℄ chicken Frame House on W 10'x5'x6' 1.2' in Alley

	R = 4.70	361.95

4+41 = ℄ Garage on E 6.5' Back Con. Floor

5+00

W	5.0	361.7
℄	4.8	361.9
E	4.7	361.0

366.65

5+30 = ℄ Garage on E. Conc. Floor 10' Back

-10' on Floor		5.00	361.7
E		4.8	361.9
℄		4.7	362.0
W		5.0	361.7
5+55 = ℄ Pepper tree on E	R= 5.1 2,3' Back		361.6 20' High, 1' dia.
T.P.	3.98 365.96	4.67	361.98

5+90

W	4.3	361.6
℄	4.1	361.8
E	4.4	361.5

Section taken on Prop edge Walk

6+00 = 5' South South ℄ Line Pole St. (East S.D. Roll #4. shows 6.6' curb on Pole (Fence) 5+98± = P.Line.)

-20 on Walk	4.35	361.61
-5 " "	4.49	361.47
W " "	4.61	361.35
℄ on Ground	4.7	361.3
E on Walk	4.72	361.24
+20 " "	4.85	361.11
A on Paving See sketch P.64	4.20	361.76
B " " " " " "	6.70	359.26
T.P. 5.20 364.72	6.44	359.52
Ck. on N.W. B.M. orange 143	3.81	360.91

360.91
361.01 = B.M.
0.10 = Error.

10-30-28
J. C. Bliss
Drebert
Rau

X-section N & S Alley Block
M. Plumosa Park - 20' Wide

B.M. Tp M.H. Intersection E&W & N&S Alleys 144.52

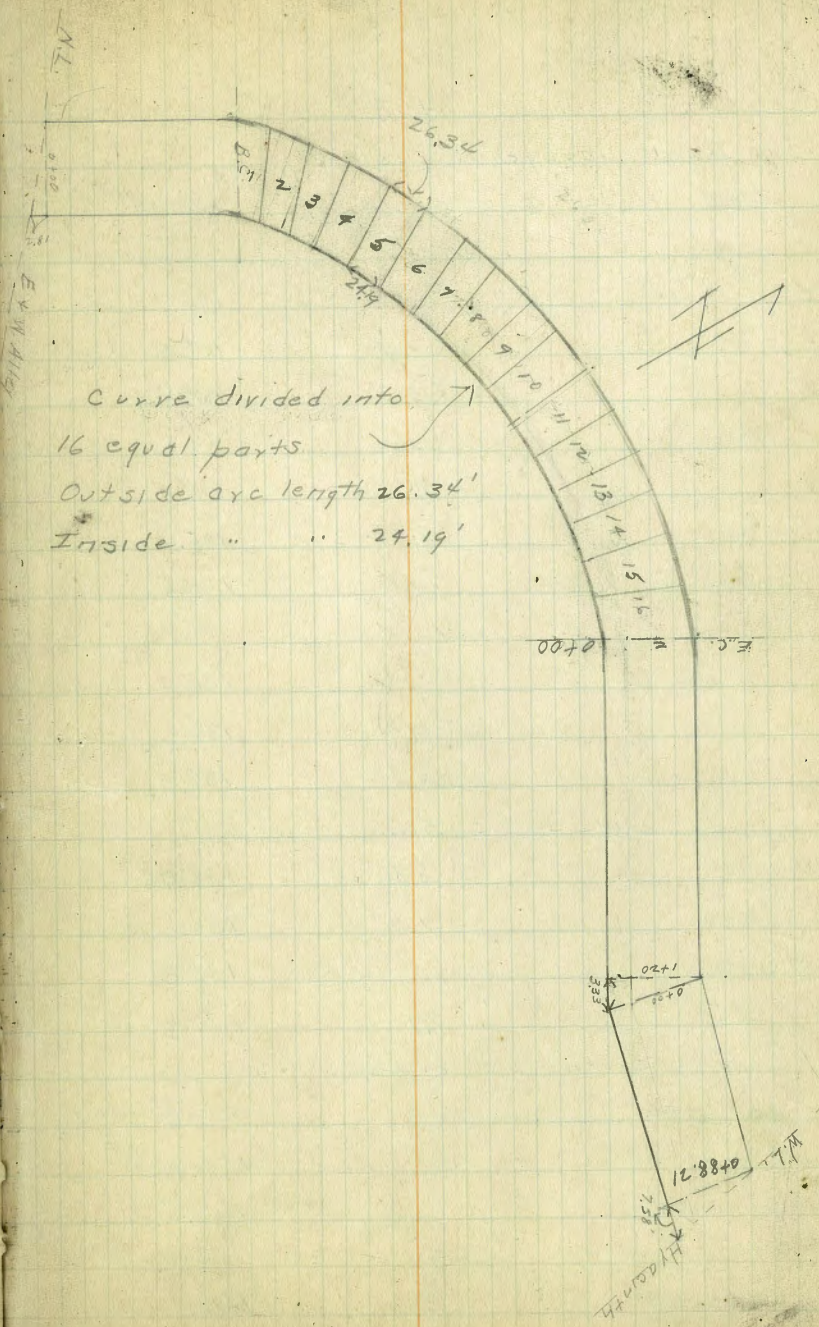
0.94

T 145.46

Section along N Line E&W Alley

W	0.9	144.6
℄	1.3	144.2
E	1.7	143.8
	0+00	
E	1.9	143.6
℄	1.4	144.1
W	0.9	144.6
	0+25	
W	2.3	143.2
℄	2.9	142.6
E	2.9	142.6
	0+50	
E	5.2	140.3
+7	4.1	141.4
℄	3.8	141.7
W	3.0	142.5
	0+75	
W	3.1	142.4
+7	3.7	141.8
℄	5.0	140.5
E	7.2	138.3

Plotted 10-31-1928 C.B.H.



Curve divided into
16 equal parts
Outside arc length 26.34'
Inside " " 24.19'

T 145.46

0+63

24' Double garage 10' East of ℄ E. L.

Concrete Floor at ℄		7.18	138.28
	1+00		
E		8.8	136.7
℄		7.5	138.0
W		6.3	139.2
	1+25		
W		7.0	136.5
℄		9.7	135.8
E		10.0	135.5
	1+51		
E		10.3	135.2
℄		9.4	136.1
W		8.7	136.8
	1+55.14 = B.C.		
W		8.8	136.7
℄		9.4	136.1
+7		9.7	135.8
E		7.9	137.6

Section between parts 1+2

E	1+80	6.6	138.8
℄	1+80	6.6	138.8
W	1+81	6.0	139.5
	2+3		
W	2+08	3.4	142.1

T 145.46

6f

+3		4.5	141.0
℄	2+05	4.6	140.9
E	2+04	4.9	140.6
	3+4		
E	2+28	6.8	138.7
℄	2+31	6.2	139.3
W	2+34	5.1	140.4
	4+5		
W	2+60	7.0	138.5
℄	2+56	7.5	138.0
E	2+52	8.0	137.5
T.P			— 4.09 141.37
+4.59			

T 145.46

	5+6		
E	2+76	7.4	138.5
℄	2+81	6.9	139.0
W	2+87	5.9	140.0
	6+7		
W	3+13	4.7	141.2
℄	3+06	5.7	140.2
E	3+00	6.6	139.3
	7+8		
E	3+24	4.9	141.0
℄	3+32	4.4	141.5

℄ 145.96

W=N	3+40	3.6	142.3
	8+9		
N	3+65	2.3	143.6
℄	3+57	3.0	142.9
S	3+48	3.4	142.5
	9+10		
S	3+73	2.8	143.1
℄	3+82	2.2	143.7
N	3+92	2.3	143.6

Section 10

Extending 16' West from ℄ on North side 16' Double Garage with concrete apron that extends 3' into alley.

Shot at ℄ of Apron on N.L		1.65	144.31
	10+11		
N - on Concrete Apron	4+18	1.63	144.33
℄	4+08	2.4	143.5
S	3+97	2.3	143.6
	11+12		
S	4+21	2.3	143.6
℄	4+33	1.8	144.1
N	4+45	1.5	144.4
	12+13		
N	4+71	1.3	144.6
℄	4+58	2.0	143.9
S	4+45	2.6	143.3

℄ 146

	13+14		
S	4+70	2.8	143.1
℄	4+83	2.1	143.8
N	4+97	2.3	143.6
	14+15		
N	5+24	2.1	143.8
℄	5+08	2.8	143.1
S	4+94	3.4	142.5
	15+16		
S	5+18	4.2	141.7
℄	5+34	3.7	142.2
N	5+50	3.1	142.8

E.C. = 0+00

N	5+76	4.6	141.3
℄	5+89	5.1	140.8
S	5+42	5.6	140.3
	0+30		
S	5+72	7.9	138.0
℄		7.1	138.8
+3		6.5	139.4
N	6+06	6.7	139.7
	0+60		
N - Garage Apron	6+36	8.64	137.32
℄		9.2	136.7
S	602	10.0	135.9

T 145.96

0+63

℄ 18' Double Garage on North side

℄ Apron at N. Line		8.66	137.30
	0+90		
S	6+32	11.2	134.7
℄		11.0	134.9
N	6+66	10.7	135.2
	1+20 = Angle Pt on N.L.		
N	6+96	12.0	133.9
℄		12.5	133.4
S	6+62	12.6	133.3

See Sketch

Section from 1+20 on North Line to 1+23.33 on S.L.

S	6-65	12.7	133.2
℄		12.5	133.4
N.	6+96	12.0	133.9
T.P.	+1.70	T 135.78	11.88 134.08 ✓

0+08 = 16' Double Garage 6' N of N.L.

Concrete Floor at ℄		1.62	134.16 ✓
	0+03 = ℄ 20' Double Garage 2.5' S of S.L.		
Concrete floor at ℄		2.39	133.39
	0+30		
N	7+26	3.3	132.5
℄		3.8	132.0
S	6+95	4.2	131.6

T 135.78

70

0+27 = ℄ 18' Double Garage 13' S of S.L.

Concrete floor at ℄		3.72	132.06 ✓
	0+60		
S	7+25	5.8	129.8
℄		5.7	130.1
N	7+56	5.1	130.7
	0+82		
N	7+78	7.1	128.7
℄		8.1	127.7
S	7+47	7.9	127.9
	0+88.20		
S =0+00	7+53	8.2	127.6
℄		9.1	126.7
N.	7+85	9.1	126.7

Section along W.L. of Hyacinth Drive from 0+88.20 on North to 95.79 on South (Paved)

N. Tpob	7+85	10.05	125.73
Gutter		10.79	125.29
℄		11.07	124.71
Gutter		10.97	124.81
S Tpob	7+61	10.79	124.99
T.P.		-12.72	123.06
	+8.59	131.65	

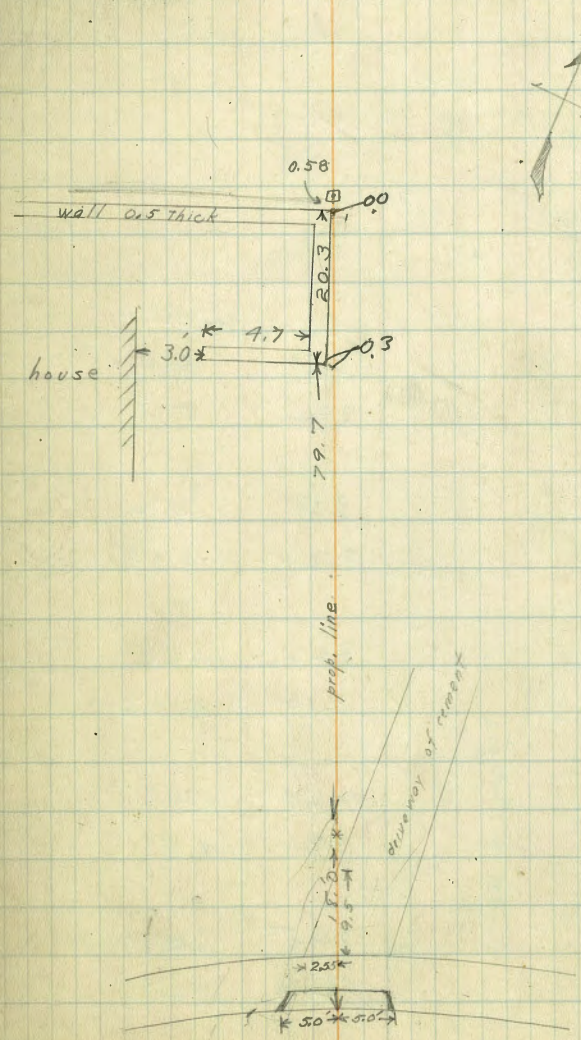
B.M.S.E.B.P. Chatsworth & Elliot — -3.52 → 128.13

128.13

KANAGY
Sommermeyer
Shaw

71

	0+0 Gutter	
Prop line produced	7.11	128.50
W 5'	7.20	128.41
	0+06 Edge of Pave.	
5' W	6.43	129.18
Prop line produced	6.35	129.26
	0+18 Prop	
Prop. line	5.1	130.5
℄ easem.	5.2	130.4
1½' W	5.6	130.0
	0+43	
℄ easem.	4.2	131.4
1½ E (prop)	2.5	133.1
	0+63	
1½' E (prop)	2.6	133.0
℄ ease	2.7	132.9
	0+98.7 wall	
℄ easem	1.6	134.0
1½ E (prop)	1.6	134.0
	1+18 5/8 hub	
1½ E (prop)	1.1	134.5
℄ easem	0.8	134.8



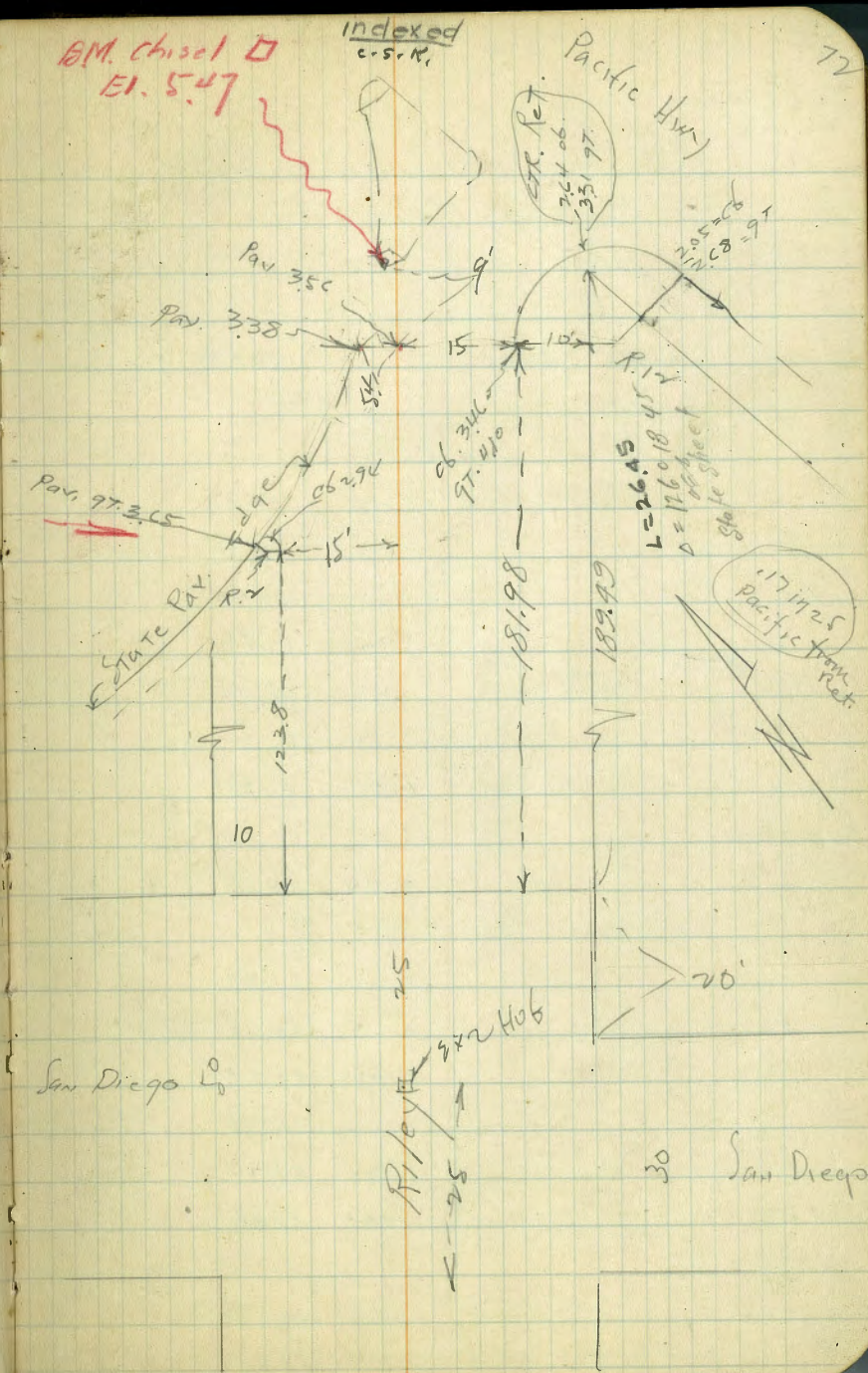
CSM Levels on State Curb Ret.s
10-30-44 Pacific + Riley

		55			
Chisel ☐ BM Top cb.	2.65	8.12		5.47	Swly Cor. Island Pac. + Riley

Note! all Rods

Curb				5.24	
gut			3.65	4.47	4.59
cb			2.94	5.18	
	15'				4.69
Pav.			3.38	4.74	
Pav			3.56	4.56	
cb.			3.46	4.66	
Gut.			4.10	4.02	
cb			2.64	5.48	
gut			3.31	4.81	
cb.			2.05	6.07	
gut.			2.68	5.44	

Riley + Pacific

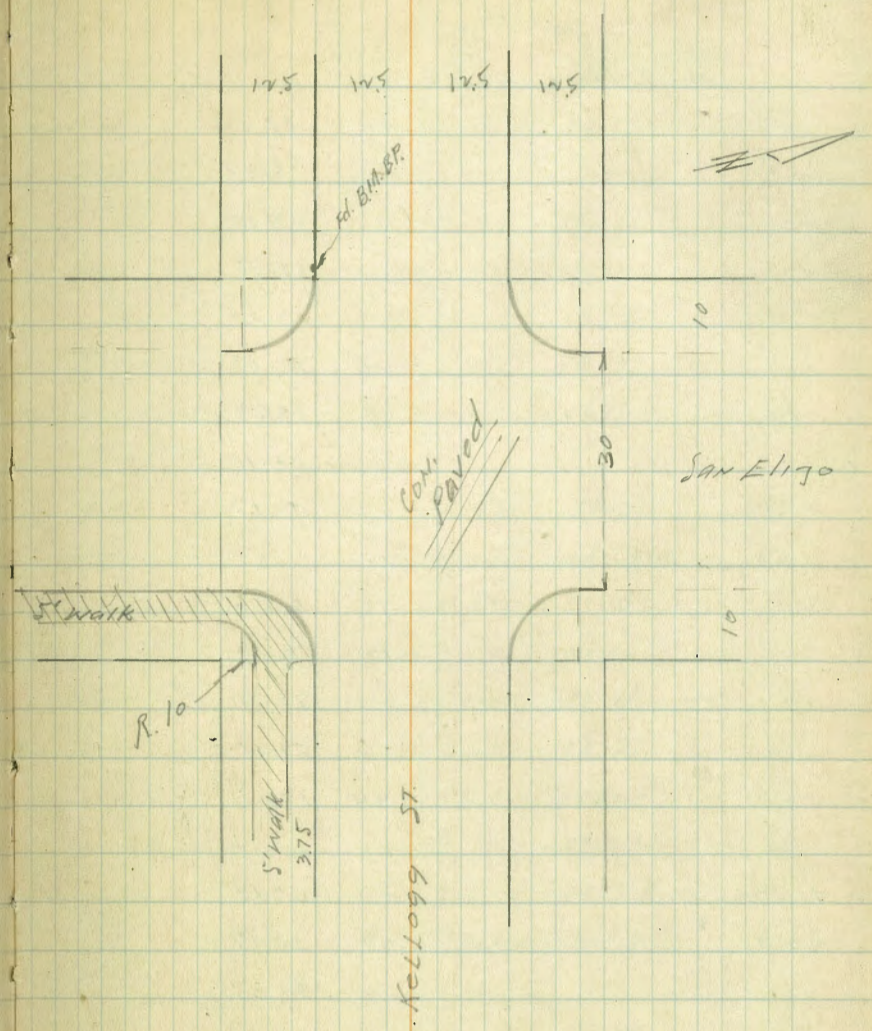


Indexed
C.S.I.K.

C 5-m
C.S
WFRM
1-24-45.

Levels on intersection of
Kellogg St. = 50' wide 12.5 curbs
and San Elijo St. = 50' wide 10' curbs.

				6.25 1/4S	
				7.5 1/4S	
Fd. SWBP	4.43	64.01		59.58	Kellogg San Elijo
			50' W of San Elijo		
S c6			1.08	62.93	
S 9T			1.82	62.19	
+2.5			1.56	62.45	
+5			1.32	62.69	
S 1/4		1.25	1.21	62.80	
C			0.92	63.09	
N 1/4			1.02	62.99	
N 9T.			1.48	62.53	
N c6			0.94	63.07	
			25' W San Elijo		
N c6			2.68	61.33	
9T			3.23	60.78	
1/4			2.73	61.28	
C			2.56	61.45	
1/4			2.84	61.17	
+1.25			2.96	61.05	
+3.75			3.23	60.79	
9T			3.47	60.54	
S c6			2.76	61.25	



6401

Wly Line San Elizo

S c6	4.48	59.53
gr	5.21	58.80
+2.5	4.91	59.10
+5	4.60	59.41
1/4	4.46	59.55
C	4.08	59.93
1/4	4.14	59.87
gr	4.60	59.41
N c6	4.14	59.87

Wly c6 San Elizo

NL Top c6	3.95	60.06
" gr	4.82	59.19
c6 pav.	5.01	59.00
1/4	4.52	59.49
C	4.44	5957
1/4	4.75	59.26
+1.25	4.87	59.14
+3.75	5.17	58.84
c6 pav.	5.50	58.51
+6.25 " = E of 12.5 Curb	5.32	58.69
SL gr	5.24	58.77
SL Top c6	4.44	59.57

N 1/4 San Elizo

S.L.	5.28	5873
+6.25	5.41	58.60

6401

S c6	5.60	58.41
+2.5	5.42	58.59
+5	5.09	58.92
S 1/4	4.99	59.02
C	4.59	59.42
N 1/4	4.69	59.32
N c6	5.17	5887
N.L.	4.82	59.19

E San Elizo

NL	4.97	59.04
c6	5.28	58.73
1/4	4.82	59.19
C	4.75	59.26
1/4	5.10	58.91
+1.25	5.24	58.77
+3.75	5.58	5843
S c6	5.79	58.22
+6.25	5.57	58.144
SL	5.44	58.57

Ely 1/4 San Elizo

SL	5.67	58.34
+6.25	5.76	58.25
S c6	5.92	58.09
+2.5	5.74	58.27
+5	5.40	5861
S 1/4	5.25	58.76

C	4.91	59.10
N ¼	5.01	59.00
N c6	5.49	58.52
N L.	5.21	58.80
Ely c6 San El 170		
N L Top c6	5.04	58.97
" gr	5.50	58.51
N c6 pav.	5.65	58.36
N ¼	5.19	58.82
C	5.04	58.97
S ¼	5.39	58.62
+1.25	5.52	58.49
+3.75	5.82	58.19
S c6 pav	6.12	57.89
+6.25	6.08	57.93
SL gr	5.98	58.03
SL Top c6	5.52	58.49
+25 Top c6	5.59	58.42
+50 Top c6	5.74	58.27
Ely Line San El 170		
S c6	5.52	58.49
S gr	6.36	57.65
+2.5	6.10	57.91
+5	5.80	58.21
S ¼	5.47	58.34
C	5.39	58.62

N ¼	5.44	58.57
N gr	5.89	58.12
N c6	5.74	58.87
25' E of San El 170		
N c6	7.12	56.89
gr	7.82	56.19
¼	7.37	56.64
C	7.33	56.68
¼	7.62	56.39
+1.25	7.74	56.27
+3.75	8.02	55.99
S gr	8.28	55.73
S c6	7.50	56.51
50' E of San El 170		
S c6	9.53	54.48
gr	10.23	53.78
+2.5	9.97	54.04
+5	9.68	54.33
S ¼	9.57	54.44
C	9.25	54.76
N ¼	9.38	54.63
N gr	9.92	54.09
N c6	9.17	54.84

N.O. 31009

Moore
Sommermeyer
W.F.M.

1946

Xsec alley 20' wide

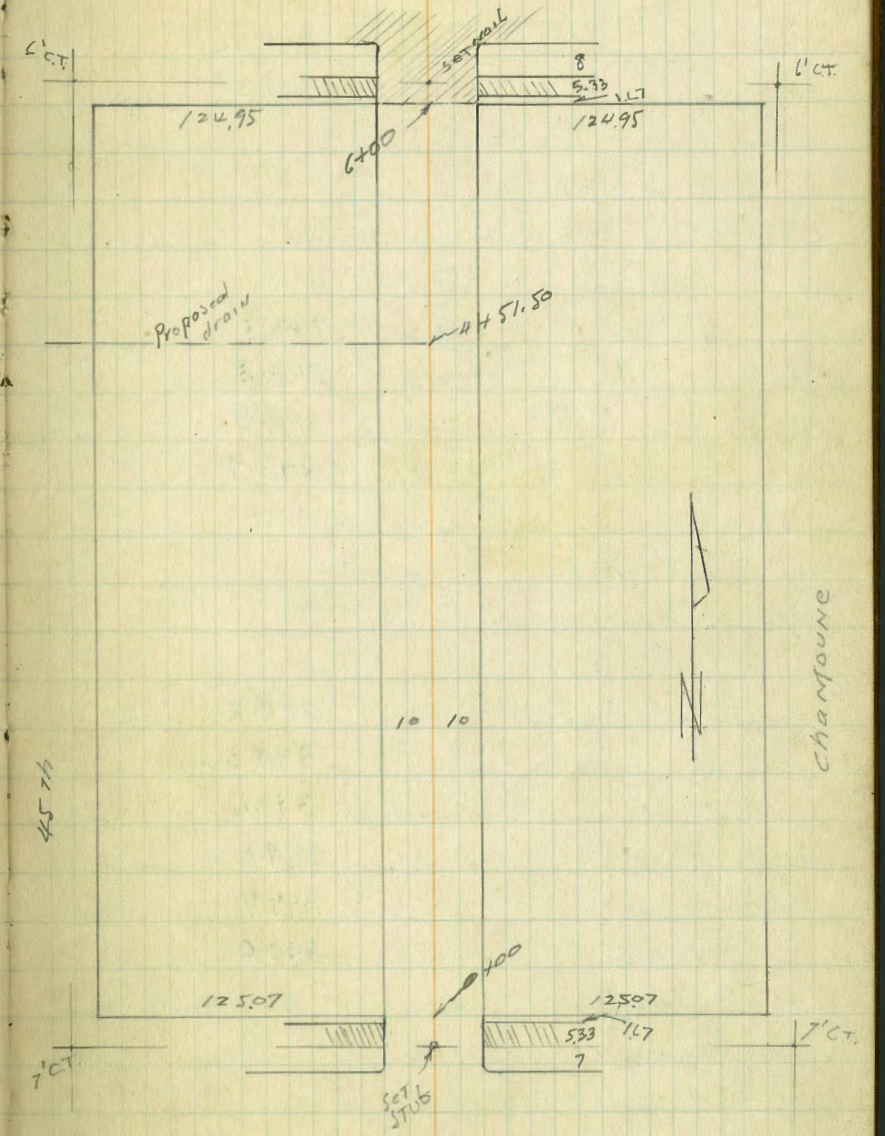
Blk 6½ City Hts. Annex

2 - Brass Plugs here 1.5 apart. Used North Plug

NW BP	5.1x	352.51	347.37	Wightman & 45th
	0 - 14			
W - 125 cb		5.17	347.34	= E.L. 45th
" " gt. Pav.		5.61	346.90	
W cb		4.86	347.65	
" gt dirt		5.2	347.3	
C "		5.2	347.3	
E gt "		5.2	347.3	
E cb		4.74	347.77	
E + 125 cb		4.59	347.92	W.L. Chamoune
" " gt Pav.		5.01	347.50	
	0+00 N.L. Wightman			
E cb		4.52	347.99	
E dirt		4.5	348.0	
C "		4.8	347.7	
W "		4.6	347.9	
W cb		4.6x	347.87	
	0+02			
E - 0.6 Beg. picket fence				
	0+10			
W - 1.4 SE Corhouse				
W		4.4	348.1	
C		4.5	348.0	

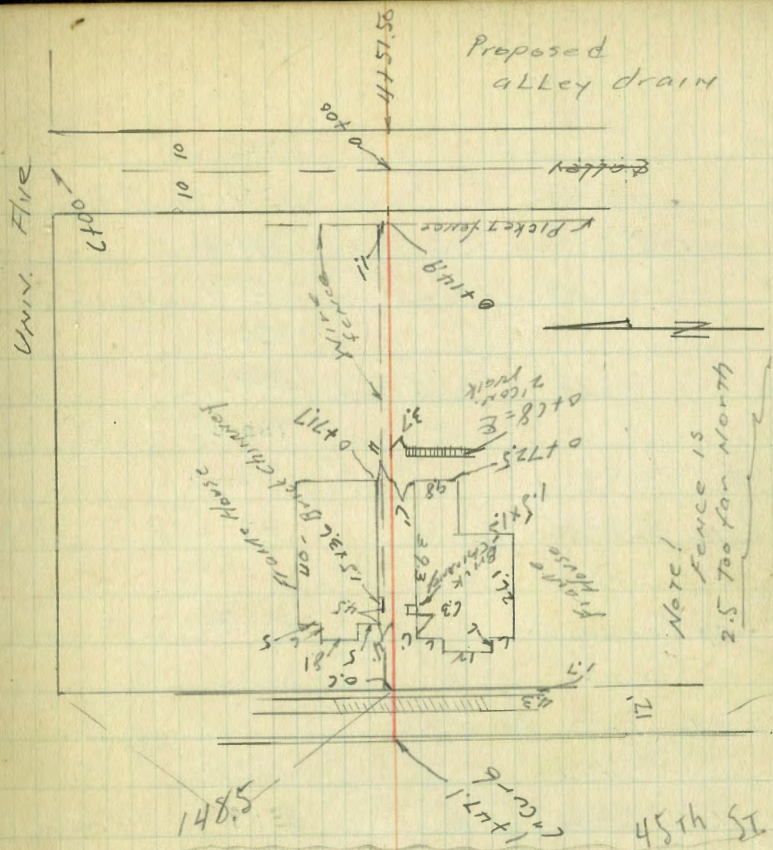
indexed
C.S.K.

76



352.51

C +5		4.5	348.0
E		4.0	348.5
+0.6 end Picket fence			
0 +10.1			
E – 0.4 Beg. 10" Conc. Cobble Wall 4' High			
0 +36			
E		3.2	349.3
+5		4.0	348.5
C		4.0	348.5
W		4.1	348.4
+1.4 NE Cor house			
0 +47			
W – 1.2 Beg. picket fence			
0 +74			
– 10		3.3	349.2
W		3.2	349.3
+2		2.9	349.6
C		3.1	349.4
+6		2.8	349.7
E		2.5	350.0
+0.5 end Cobble Wall & Beg Bd. fence			
0 +76			
W +0.7 ℄ 14" P.P.			
W – 1.2 angle picket fence			
0 +91.5			
W – 6 ℄ do. gar. 16' Wide		2.8	349.7 dirt fl.



353.63 = H.I from P. 80

0 +0		5.1	348.5
+10		4.9	348.7
+25		4.6	349.0
+32 Beg. Blk. Berry Trellis	New Roses	5.0	348.6
+65 end "		4.9	348.7
+68 3.7 Lt	Top 2' Con Walk	4.56	349.07
1 +00		4.4	348.2
+36.7 Top E. edge Walk		4.69	348.94
+47.1 Top Curb		4.97	348.66
" gutter Flr.		5.86	347.77

352.51

T.P.	6.67	357.15	2.03	350.48	
		0+97			
E-0.7		℄ 8' Con. Slab	6.1	351.01	
E			6.2	351.0	
C			6.8	350.4	
W			6.9	350.3	
+6			7.2	350.0	
		1+13			
E-1		end Bd. fence			
		1+18			
E-0.9		Sm. gar.	5.9	351.3	dirt
		1+23			
E-1		Beg. Bd fence			
		1+37			
W-7		℄ do. gar 20' wide	5.4	351.8	dirt
W			5.3	351.9	
C			5.0	352.2	
E			5.2	352.0	
+1		end fence SW Cor shed	5.2	352.0	
		1+50			
E-0.9		NW Cor shed	5.1	352.1	
E			5.1	352.1	
C			4.7	352.5	
W			5.1	352.1	
+7			5.3	351.9	

357.15

78

		1+52			
E-1		SW Cor Bd Bldg			
		1+56			
W-7		Sm. gar	5.8	352.07	Con floor
		1+74			
-10			4.8	352.4	
+0.5		Beg. wire fence			
W			4.7	352.5	
C			4.9	352.3	
E			4.8	352.7	
+0.6		NW Cor Bd Bldg			
		1+80			
E-0.5		SW Cor Bd Bldg			Hv
		2+00			
E-10			6.4	350.8	
-0.3		NW Cor Bd Bldg			
E			5.1	352.1	
		+4	5.6	351.6	
C			5.6	351.6	
		+8.8 ℄ 14" P.P.			
W			5.0	352.2	
		+0.3 end wire fence			
+10			5.6	351.6	
		2+29			
-6.2		℄ Sm. gar.	6.11	351.04	Con floor
W			6.5	350.7	

357.15

C	6.7	350.5	
E	6.5	350.7	
+10	7.0	350.2	
2+59			
E – 7.6 Sin. Gar.	7.54	349.61	Con floor
E	7.6	349.6	
C	7.6	349.6	
W	7.7	349.8	
+11.6 Sin. gar.	7.7	349.8	dirt fl.
2+91			
E – 8.1 Sin gar	7.75	349.40	Con. fl.
3+00			
–10	8.5	348.7	
– 0.6 Beg fence			
W	7.8	349.4	
+0.2 E 12" P.P.			
C	8.0	349.2	
E	7.7	349.5	
+1.1 Beg wire fence			
+10	7.6	349.6	
3+10			
W – 10.6 Sin. gar.	7.88	349.27	Con fl.
T.P. 4.82 354.12	7.85	349.30	

354.12

79

3+19			
E – 1.5 E 14' Dwelling	4.8	349.3	ground
" " "	4.25	349.87	Top Con. Fd.
3+26			
–10	4.9	349.2	
– 1.5 Beg Picket fence			
E	5.0	349.1	
C	5.0	349.1	
W Beg. Con. 6" Wall	4.9	349.2	Picket and fence
W " " "	4.8	349.3	Top wall
+10	5.0	349.1	
3+33.5			
W end fence & 6" wall			
3+41			
W – 0.7 E 12' Con. apron	4.63	349.49	Level
W – 4.7 E 10' door Sin. gar.	3.98	350.14	fl. Level
3+49			
W – 0.1 Beg. 6" Con. Wall and Fence	4.22	349.90	Top
3+50			
W. EL. Con. open drain FROM WEST	5.3	349.8	Thru Con. Wall
3+55			
W – 0.1 end Con. Wall and Picket fence			
W – 1.7 Beg. Bd. fence			
3+60			
–10	4.9	349.2	
W	4.5	349.6	

C	5.1	349.0	
+8	5.2	348.9	
E	4.7	349.4	
E +1 Ctr. Lath House	4.2	349.9	15' Wide
+10 Ctr of Lath House	4.2	349.9	
3+77			
W-1 end Bd fence			
3+95			
W 5.0 E Sin. gar.	5.3	348.8	dirt floor
4+01			
E-10	4.4	349.7	
-0.8 end Wire fence			
E	5.1	349.0	
C	5.3	348.8	
W	5.1	349.0	
+10	5.3	348.8	
4+07			
W +0.8 ℄ 12" P.P.			
W -0.9 Beg Wire fence			
T.P. 480 353.63	5.79	348.83	
4+18			
W-5.4 E Sin gar.	3.73	349.90	Con. floor
4+26			
W-15	4.5	349.1	
-4 Jog in Picket fence			
-13 " " "			

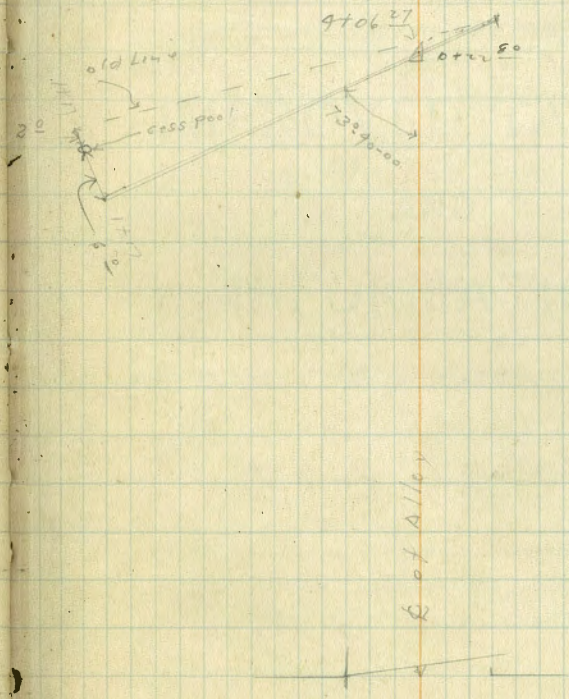
Contd on P. 55

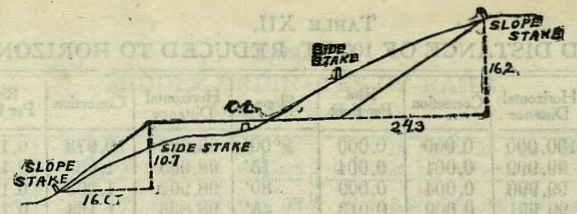
W	4.8	348.8	
C	4.9	348.7	
E	5.0	348.6	
+5	4.6	349.0	
+15	4.0	349.6	
4+51.5			
-20	4.4	349.2	Levels for drain P. 77
E	5.1	348.5	
+0.3 Beg. Bd fence			
C	5.1	348.5	
W	4.9	348.7	
4+69			
W-5.2 E Sin. gar 8.7 Wide	4.75	348.88	Con fl. Level owner plans to raise this
W-5	4.9	348.7	
W	5.2	348.4	
C	5.3	348.3	
E	5.2	348.4	
+25	4.8	348.8	
4+71.5			
E +0.3 end Bd fence			
4+75			
E-1.5 Sedge Con Apron	4.96	348.67	
E-5.5 " do. gar.	4.61	349.02	Con. fl. owner plans to Raise this
A+36 on P. 55 4+93			
E-15 N edge Con apron	4.76	348.87	
E-5.5 " do gar.	4.47	349.16	Con floor

Hts Relocation of Drain Alley Block 186 Univ and Alley Line of Levels

	+	*	−	Elev
	4.6	287.0		282.9. Elev Ground at 4+00
0+00			7.8	279.2
0+14			6.2	280.8
0+16			5.2	281.8
0+22 8	△		5.00	282.0
0+34			5.3	281.7
0+41			11.1	275.9
0+80			12.4	274.6
0+87			12.4	274.6
1+00			13.6	273.4
1+17			14.1	272.9
1+25			14.3	272.7

PLOTTED
12/16/27
HPBhaus





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.

1334
349
17.33

358.43
5.48
352.95
6.47
359.42
6.14
35.3.28

353.16

369.39
2.75
366.64

371.69
66.66
5.05

19937
437
195.00 = Flex Plug

28551 N.W. B.P. Robinson & 6th St.

1+65 00 = 16° ft.

1+83 5° 21° W

1+77 - 63 - Back

1+80

5.90 L

2+25

197.05
2.02
199.07

196.96
2.11
3.20

0.90
199.25 Hydt

197.05
3.10
200.15

193.81
6.34

690
500
345000

1261
15
1411

2+25

1692
200
50.47
50
80
24.15

16 (421.54 | 2634
32
101
96
55
48
74

+ of N rails
K to W

8273
91.36
81.48
93.15
38.41

16 (38713 | 2419
362
67
64
31

Juniper to Walnut
India to Atlantic

61 16.7

365.96
5.73
371.69
7.03
366.66

61 2955
75 2350
2+01.05

371.69
5.05
366.64
19782
285
19507

49.7
Chatsworth & Elliott
S.E.B.P 12813

2+62 95
16 70
245.75
1 30
2+38 45
13.90
42435
2350
2+01.05
12 90
1+88.15
75
13.15

69.39
7.03
62.36
.08

7290
192
7422

13.01
1.10
11.91
9.68
21.59

7422
725
6697
105.14
38.17

10510
725
112.35

77.70
171.70
6.00
50
100

25
24
29
21.6
48
.696

1.25
3.75
2.5
5.00

252.11
75
252.86
210
250.76

105.10
105.10

6.25
2.5
3.75
1.25
2.5

71.70
70
72.40
6
71.8