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

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

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

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

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

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

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

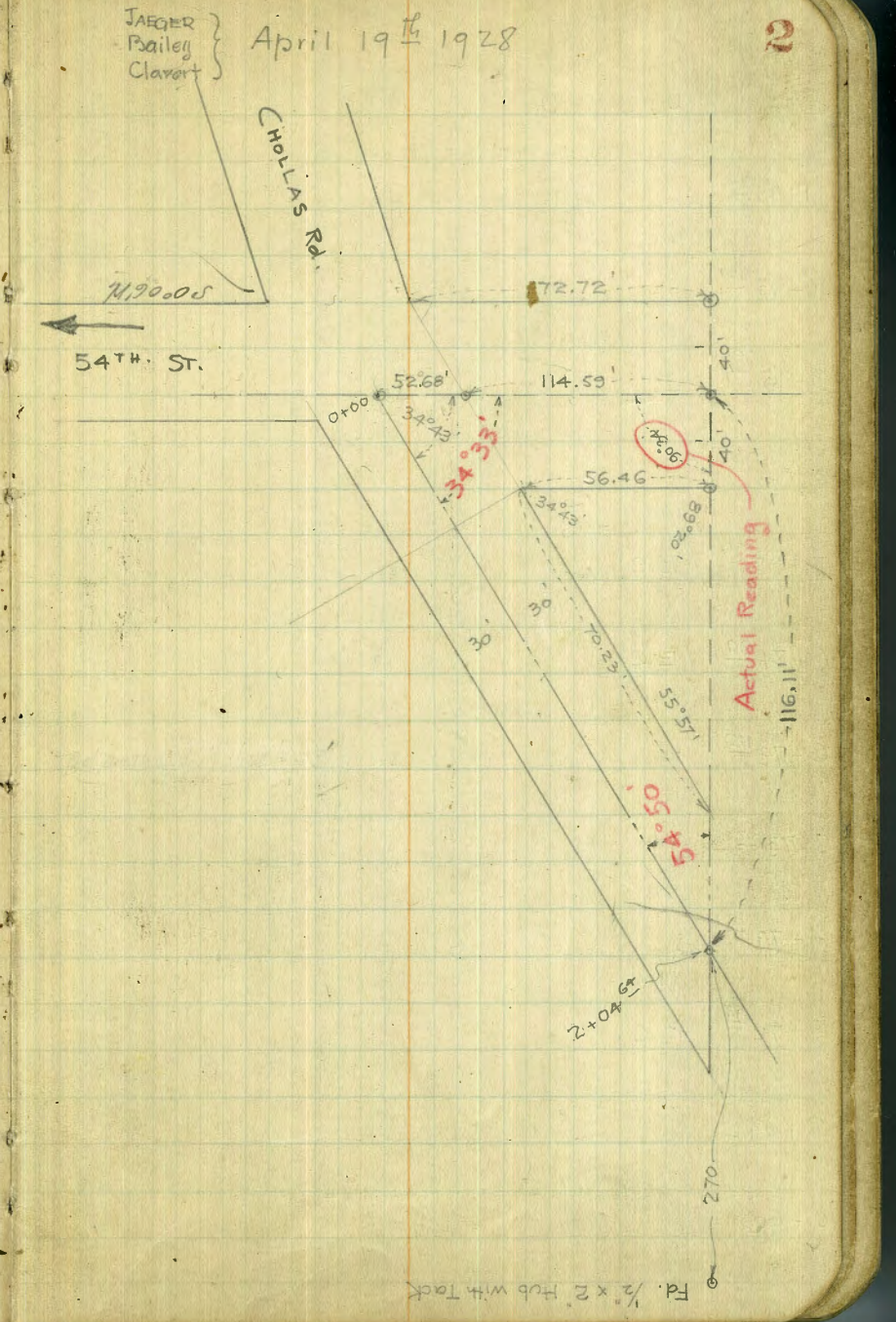
South Chollas Rd. connecting 54th Street with Euclid Ave.

STA.	Dist.	Defl. ∡
0+00	Intersection ℄ Chollas Rd. & 54TH. ST.	
	204.64	
2+04 64	Intersection ℄ Chollas Rd. & So. Line Lemon Villas	

JAEGER
Bailey
Clavert

April 19th 1928

2



Sta.	Dist.	Defl. ∠
11+95.92		
	100	
10+95.86		
	100	
9+95.79		
	100	
8+95.73		
	100	
7+95.66	B.C.	
6+74.90	E.C.	
	1.75	
6+73.13		
	100	
5+73.07		
	100	
4+73.01		
	100	
3+72.94	B.C.	
2+04.64		
0+00		

Plotted hard copy 5-13-88

PI to PI 634.25

Δ = 17°18' - R

R = 1000'

L = 301.94

T = 152.13

P.I. 5+25.07

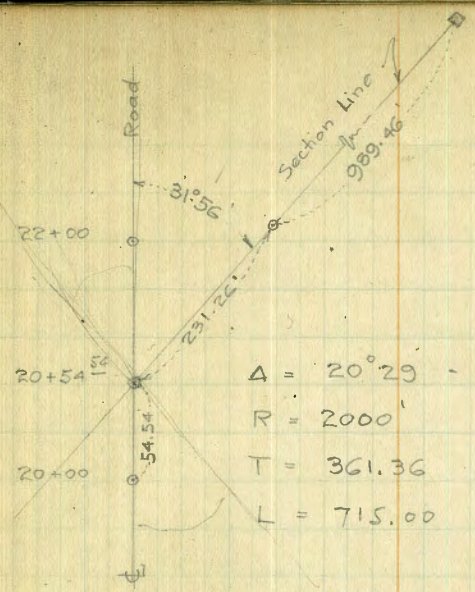
3 - 100' Chord Defl. ∠ 2°52' Arc = 100.07'

1 - 1.75' " " ∠ 0°03' " 1.75'

Sta.	Dist.	Defl. ∠
22+00	P.O.T.	
21+00	"	
20+54.54	" Intersection with Section Line	
20+00	"	
19+00	"	
18+00	"	
17+00	"	
16+26.00	" ℄ 36" Phillips W.S. Pipe Line	
	26.00	
16+00	P.O.T.	
	89.34	
15+10.66	E.C.	
	14.54	
14+96.12		
	100	
13+96.05		
	100	
12+95.99		
	100-	

PI to PI 1067.46

PI 11+46.0



Δ = 20°29 - L

R = 2000'

T = 361.36

L = 715.00

7 - 100' Chords Defl. ∠ 1°26' Arc = 100.07

1 - 14.54 " Defl. ∠ 0°12'30" " = 14.54

0-12'-30" ✓
1-26
1-38-30 ✓
1-26
3-04-30 ✓
1-26
4-30-30 ✓

1-26
1-26
2-52 ✓
1-26
4-18 ✓
1-26
5-44 ✓
1-26
7-10 ✓

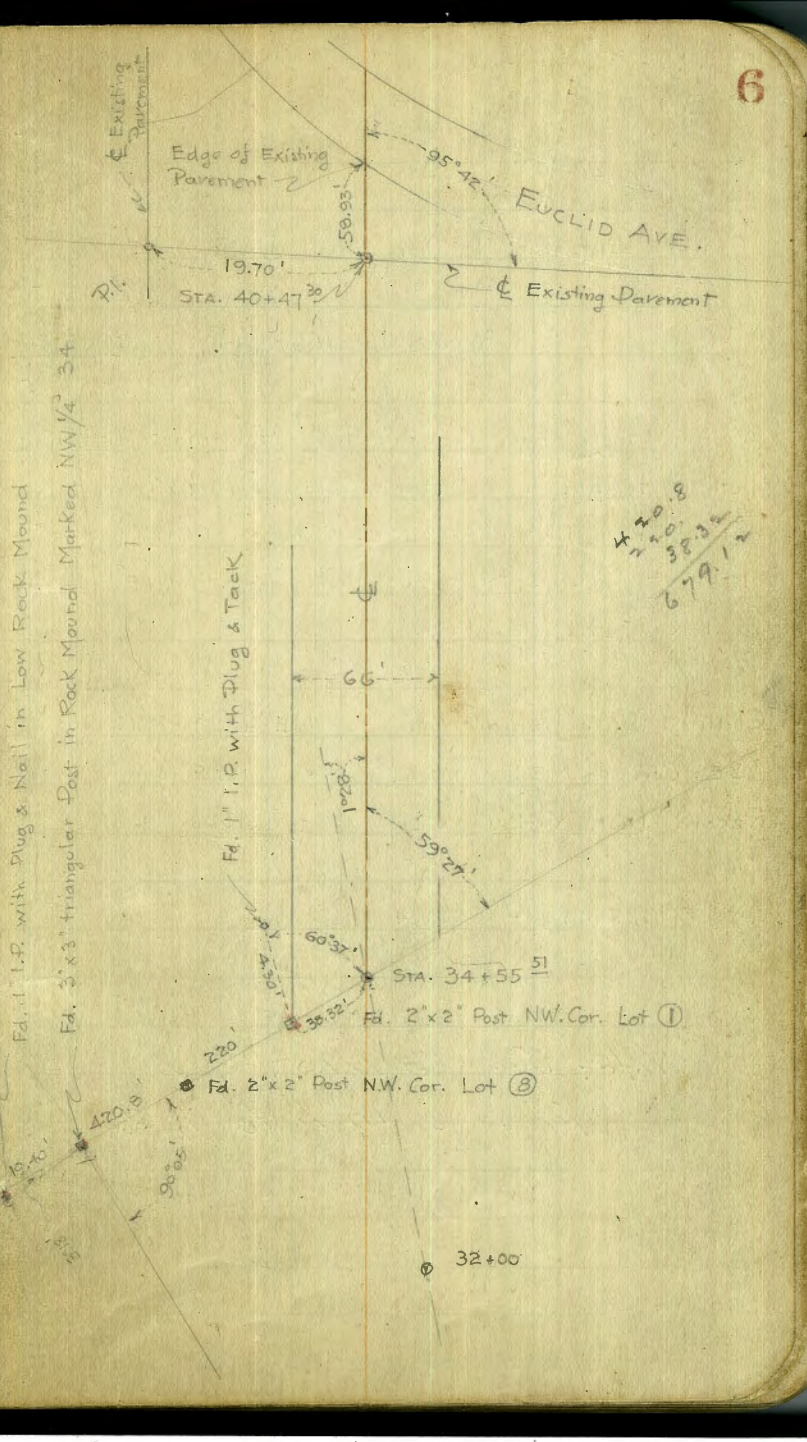
STA.	Dist.	Defl. ∠
31+00		
30+00		
29+00		
28+00		
27+00		
26+00		
25+00		
24+00		
23+00		
22+56.56	E.C.	
	L=79.12	
21+77.44	B.C.	
22+17	P.I.	

PI to PI 12 9851

PI 22+17

Δ = 2°16' - L
R = 2000'
T = 39.56
L = 79.12'

STA.	Dist.	Defl. ∠
40+47 30		
40+00		
39+00		
38+00		
37+00		
36+00		
35+00		
34+55 51	P.I.	1° 28' - R
	55.51'	
34+00		
33+00		
32+00		



℄ of Road (thru Cholla Valley) connecting Euclid Ave. with Fairmont Ave.

Chained Dist. from NE. Cor. Parcel ① to
NW. " " ② = 2645.15
Record Dist. (660.8 × 4) = 2643.20
1.95

Asuming those above Corners to be the most authentic both as to age and Distance between, I divide our chained Dist. 2645.15 by 4 = 661.29 × 3 = 1983.87 and set at this Dist. (from the NE 1/4 Par. ①) a 1" × 2½" Cedar Hub.

Chained Dist. from SW. Cor. of NW 1/4 Parcel ② to
SE. Cor. of NE 1/4 Parcel ② = 1325.48
Record Dist. (662.6 × 2) = 1325.20
0.28

½ 1325.48 = 662.74'

Note: See FB 1710-P-14 for ties in Lots 1, 2.

JAEGER
BAILEY
CLAVERT
April 25th 1928

Fd. 4"×4" R.W. Post
" 4"×4" " "
" 1½"×1½" " "
All within Radius of one foot

Fd. 3"×3" R.W. Post
" 1½"×1½" " "
Fd. 3"×3" R.W. Post
Fd. 3"×3" Triang. R.W. Post
" 2"×2" R.W. Hub
Close together
Set Tack on ℄ of Existing Pavement
Fd. 2"×2" Post, Meas. 1 & 2
Fd. 1½"×1½" R.W. Pub with Guard Stake Very old
Fd. Hub with Tack
Fd. 2"×2" R.W. Hub
Fd. 2" I.P.
Set 2"×2" Hub
Fd. 1" I.P. & 2"×2" Post
Fd. 1" I.P. 3"×3" Post
Fd. 2" I.P. with Plug & Tack

12
1
LOT 14
South Boundary Wadsworth Olive Grove
2645.15
1983.87'
661.29
662.74
662.74
662.74
1293.34
See FB 1710-14
1727.40
314.70'
330.26'
313.30'
330.74'
660.97'
331.97'
674.88'
662.10'
665.30'
656.20'
655.77'
661.70'
89°38'
91°25'
89°54'
90°06'
89°46'
90°14'
Fence Post
Fence Post
Fence Post
Fence Post
A

Sta.	Dist.	Defl. ϕ	
11+17 64	E.C.		
4	99.10		
10+18 53			
3	100		
9+18 37			
2	100		
8+18 20			
1	100		
7+18 03	B.C.	55°15' - L	with S.L. Wadsworth Olive Grove Sub.

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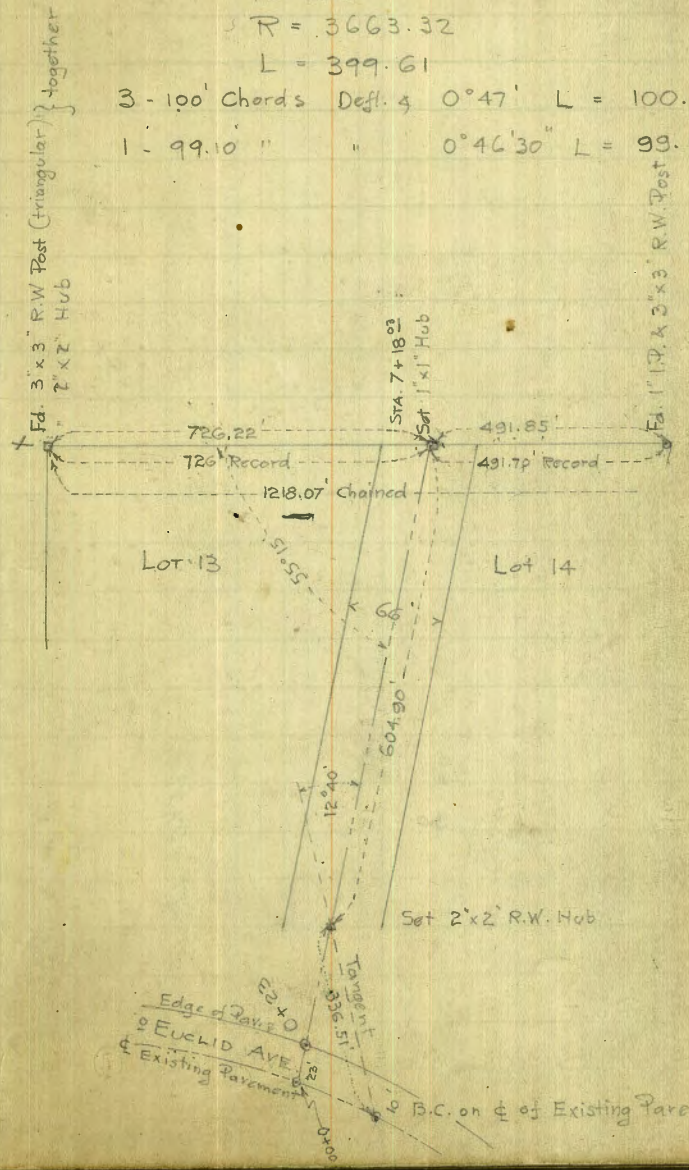
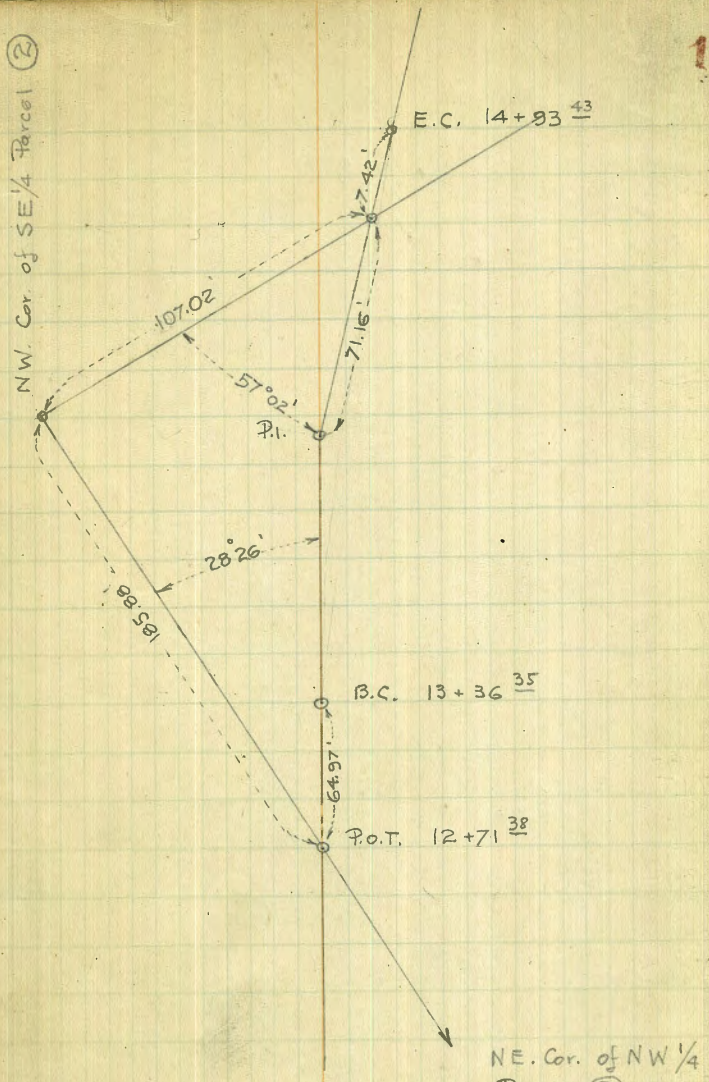
1+13 03		12°40' with ℄ Tangent Existing Pavement
0+23 00		Edge of Pavement
0+00		℄ Existing " on Euclid Ave.

Δ = 6°15' - L
T = 200'
R = 3663.32
L = 399.61
3 - 100' Chords Defl. ϕ 0°47' L = 100.17
1 - 99.10' " " 0°46'30" L = 99.10



STA.	Dist.	Defl. ∠
20+00		
19+00		
18+00		
17+00		
16+00		
15+00		
14+93 43	E.C.	
L	157.08	
13+36 35	B.C.	
14+14 93	P.I.	4°30' - R
14+00	P.O.T.	
13+00	P.O.T.	
+71 38	Intersection with E.L. of NW 1/4 Parcel (2)	
12+00	P.O.T.	

PT 46 Pt. 49 & 29



Δ = 4°30' - R
R = 2000'
T = 78°58'
L = 157.08

24+79.75 E.C.

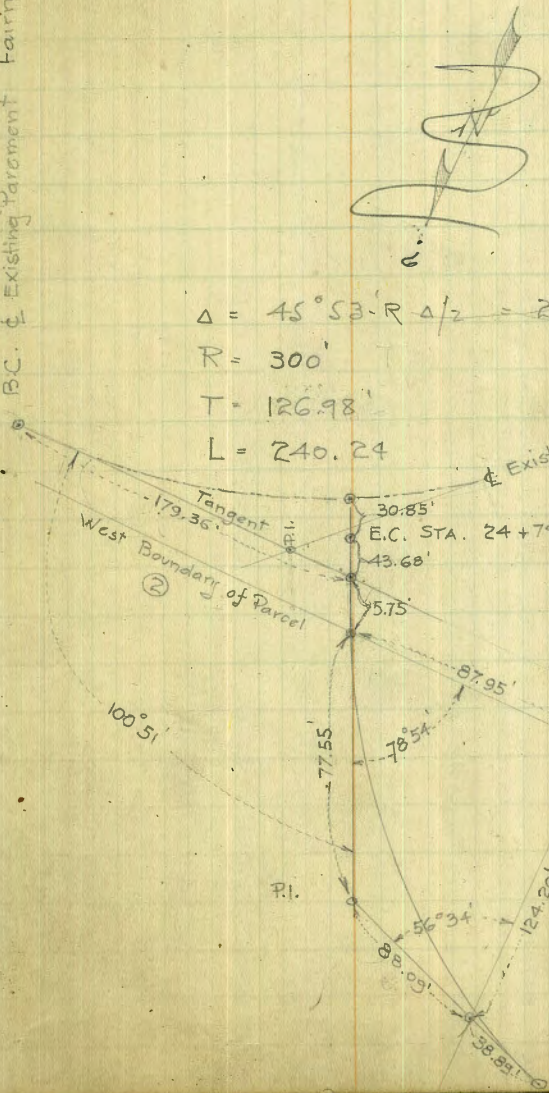
22+39.51 B.C.

23+66.49 P.I. 45°53'-R

23+00

22+00

21+00

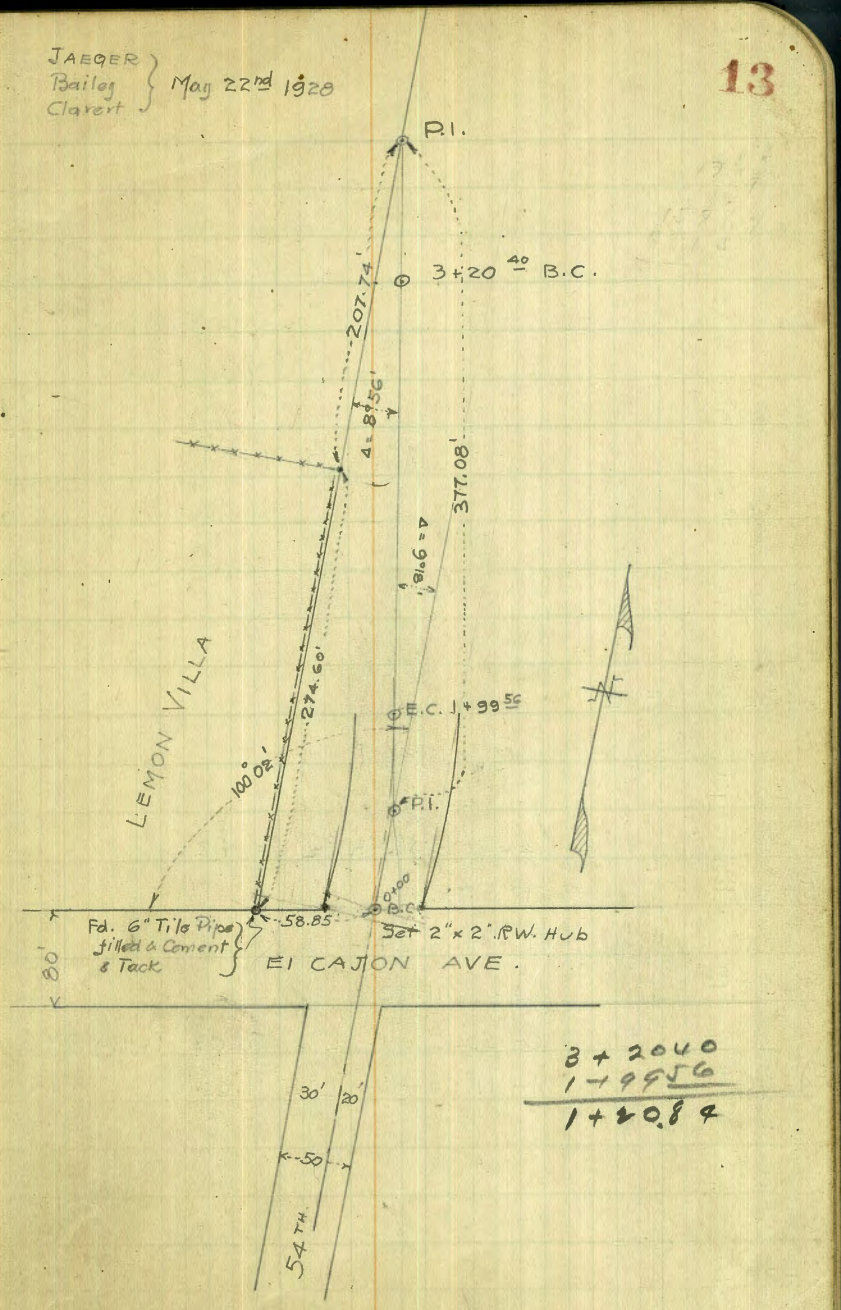


Proposed Location of 54th Str.

JAEGER
Bailey
Clarert
} May 22nd 1928

STA.		
3+70 43		
3+20 40	B.C.	
3+00	P.O.T.	
2+50	"	
1+99 56	E.C.	
1+50 21		Δ = 9°18' - L Δ/2 = 4°39'
		R = 1229.46
1+00 14		T = 100'
		L = 199.56
0+50 07		3 - 50' chords L^s = 50.07 Defl. ⅓ 1°10'
		1 - 49.35 " L^s = 49.35 " 1°09'
0+00	B.C.	

See Field Book 1240 Page 103



3+20.40
1+99.56
1+20.84

8+10 93

8+00 00

7+50 00

7+00 00

6+50 00

6+32 23 E.C.

7

6+20 58

6

5+70 55

5+20 52

5

4

4+70 49

3

4+20 46

2

3+70 43

$\Delta = 8° 56' - R\ 4/2 = 4.28'$

$R = 2000'$

$T = 156.24'$

$L = 311.83$

6- 50' Chords $L^s = 50.03'$ Defl. @ 0°43'

1- 11.64 " $L^s = 11.65'$ " 0°10'

SE. Cor. of Portion of Lot 22 Partition of Rancho Mission of SAN DIEGO

8 + 10 93

E.C. 6+32 23

P.I.

R 1000

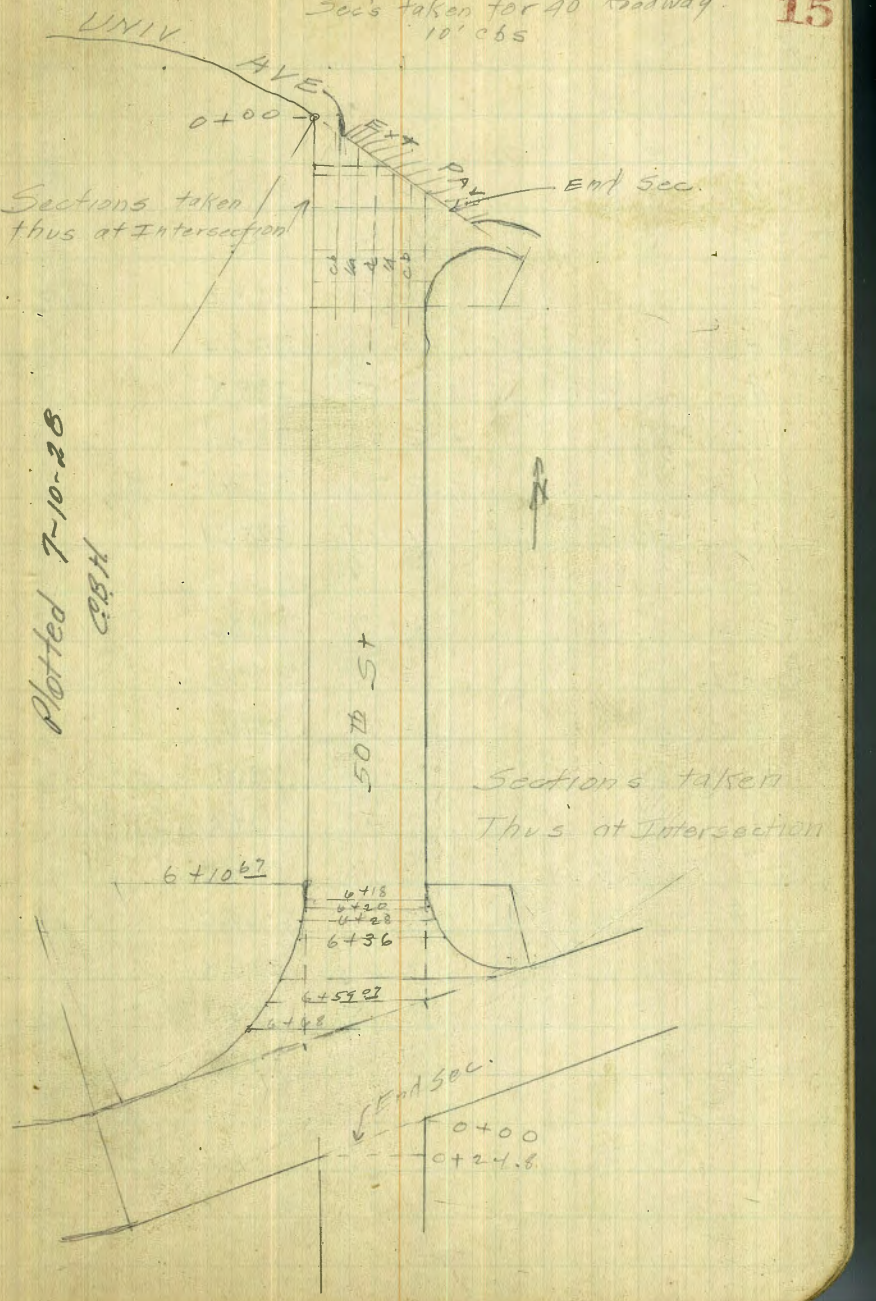
Loudon

15

X sec 50th St. From Univ. Ave to Landis St.

Sec's taken for 40' Roadway. 10' cbs

BM.	0.41	315.98		315.57
T.P.	11.84	322.48	5.34	310.64
T.P	11.75	333.88	0.35	322.13
T.P	3.19	333.27	3.80	330.08
End Sec.				
w.L.			3.0	330.27
top w cb			3.20	330.07
w gut			3.97	329.30
¼	Pav.		3.85	329.42
℄	Pav		3.78	329.49
¼	Pav		3.90	329.37
cb	Pav		4.15	329.12
E.L	Pav		4.51	328.76
10'E	Pav.		4.86	328.41
gut at E rot.			5.43	327.84
top of cb E ret & L			4.89	328.38
0 + 34				
E¼ +3	Pav	Int	3.97	329.30
E¼			3.8	329.5
℄			3.3	330.0
¼			3.3	330.0
+7			4.0	329.3
+8			3.1	330.2
cb			2.8	330.5
W? E.L			3.0	330.3



50th St

0+37	333.27		
w.L		1.0	332.3
+2		2.8	330.5
cb		2.7	330.6
+2		2.8	330.5
+3		4.0	329.3
+5		3.8	329.5
¼		3.5	329.8
℄		3.2	330.1
¼		3.7	329.6
+7	Int. with Pav	4.06	329.21
0+57			
E.L.		4.9	328.6
cb		3.7	329.6
¼		3.4	329.9
℄		3.2	330.1
¼		3.5	329.8
+6		4.1	329.2
+8		3.3	330.0
cb		3.0	330.3
+9		2.5	330.8
w.L.		1.6	331.7

0+59	333.27		
w.L		2.5	330.8
cb		3.5	329.8
+5		4.1	329.2
¼		3.6	329.7
℄		3.2	330.1
¼		3.5	329.8
cb		3.6	329.7
E.L.		4.5	328.8
0+84			
4.5'E Int with E rot		4.5	328.8
E.L.		4.6	328.7
cb		4.6	328.7
¼		4.5	328.8
℄		3.8	329.5
¼		4.1	329.2
+5		4.6	328.7
cb		3.9	329.4
+6		3.3	330.0
+8		2.6	330.7
w.L.		2.6	330.7
0+88			
w.L.		2.7	330.6
cb		3.0	330.3
+2		4.0	329.3
+5		4.6	328.7
¼		4.2	329.1

50th

0+88	333.27		
℄		4.0	329.3
¼		4.5	328.8
cb		4.7	328.6
E.L.		4.8	328.5
7'E Int with E ret.		4.9	328.4
1+00			
12'E Int with E ret		5.4	327.9
E.L.		5.3	328.0
+7		4.8	328.5
cb		5.0	328.3
¼		4.9	328.4
℄		4.3	329.0
¼		4.6	328.7
+5		4.9	328.4
+7		4.7	328.6
cb		3.7	329.6
w.L.		3.3	330.0
1+07 43 = End ret one			
w.L.		3.6	329.7
cb		3.8	329.5
+3		5.1	328.2
+5		5.2	328.1
¼		4.9	328.4
℄		4.6	328.7
¼		5.2	328.1
cb		5.3	328.0
E.L.		5.7	327.6

1+25	333.27		
E.L.		6.1	327.2
cb		5.6	327.7
+2		5.6	327.7
+5		5.9	327.4
¼		5.7	327.6
℄		5.4	327.9
¼		5.6	327.7
+3		5.7	327.6
+4		6.0	327.3
+7		5.6	327.7
cb		4.7	328.6
+3		4.1	329.2
w.L.		4.7	328.6
1+50			
w.L.		5.8	327.5
cb		5.9	327.4
+2		6.4	326.9
+4		7.3	326.0
+7		7.6	325.7
+8		7.3	326.0
¼		7.0	326.3
℄		6.5	326.8
¼		6.7	326.6
+5		7.1	326.2
+8		6.4	326.9
cb		6.2	327.1

50th

1+50	333.27		
E.L.		6.6	326.7
1+75			
E.L.		7.4	325.9
+5		7.2	326.1
cb		7.5	325.8
+2		7.8	325.5
+5		8.4	324.9
+7		8.5	324.8
¼		8.1	325.2
℄		7.8	325.5
¼		8.2	325.1
+3		8.6	324.7
+5		8.5	324.8
+8		7.2	326.1
cb		6.9	326.4
w.L.		7.0	326.3
2+00			
w.L.		8.4	324.9
+2		8.8	324.5
cb		8.9	324.4
+2		8.9	324.4
+5		9.9	323.4
+7		10.3	323.0
+9		9.9	323.4
¼		9.8	323.5

2+00	333.27		
℄		9.4	323.9
E¼		9.6	323.7
+3		10.2	323.1
+5		10.0	323.3
cb		9.2	324.1
+5		8.5	324.8
E.L.		8.6	324.7
2+25			
E.L.		9.7	323.6
cb		10.3	323.0
+2		11.2	322.1
+5		11.8	321.5
¼		11.4	321.9
℄		11.3	322.0
¼		11.5	321.8
+5		11.8	321.5
+6		12.2	321.1
+9		10.7	322.6
cb		10.7	322.6
+8		10.7	322.6
w.L.		9.7	323.6

50 ft

2+28	333.27		
W.L.		11.2	322.1
cb		10.9	322.4
+2		11.3	322.0
+4		12.5	320.8
+5		12.1	321.2
¼		11.8	321.5
℄		11.6	321.7
¼		11.7	321.6
+5		12.0	321.3
+7		11.6	321.7
cb		10.5	322.8
E.L.		10.0	323.3
2+62			
E.L.		12.9	320.4
cb		13.0	320.3
+1		13.2	320.1
+2		14.2	319.1
+5		14.8	318.5
¼		14.5	318.8
℄		14.4	318.9
¼		14.6	318.7
+3		14.8	318.5
+6		15.4	317.9
+9		13.3	320.0
cb		13.2	320.1
W.L.		13.2	320.1

	333.27		
0.67	321.14	12.80	320.47
2+82			
W.L.		3.2	317.9
cb		2.8	318.3
+2		3.0	318.1
+3		4.5	316.6
+7		4.3	316.8
+8		4.0	317.1
¼		4.0	317.1
℄		3.6	317.5
¼		3.9	317.2
+5		3.4	317.7
cb		2.5	318.6
E.L.		2.4	318.7
2+97			
E.L.		3.1	318.0
+5		3.2	317.9
cb		3.9	317.2
+5		4.6	316.5
¼		4.6	316.5
℄		4.5	316.6
¼		4.8	316.3
+5		3.2	317.9
+7		5.0	316.1
+8		4.0	317.1
cb		4.0	317.1

50 ft

2+97	321.14		
w.L		4.6	316.5
3+00			
w.L.		5.5	315.6
cb		4.2	316.9
+2		4.3	316.8
+4		5.3	315.8
+6		5.3	315.8
¼		5.0	316.1
℄		4.7	316.4
¼		4.7	316.4
+7		4.6	316.5
+9		3.7	317.4
cb		3.4	317.7
E.L.		3.1	318.0
3+15			
E.L		3.8	317.3
cb		3.9	317.2
+2		5.4	315.7
¼		5.6	315.5
℄		5.7	315.4
¼		6.1	315.0
+5		6.4	314.7
+6		7.1	314.0
+7		6.4	314.7
cb		7.0	314.1
w.L		8.3	312.8

3+15	321.14		
10'w		8.0	313.1
3+30			
10'w		9.2	311.9
w.L		9.1	312.1
cb		8.2	312.9
¼		7.7	313.4
+5		7.7	313.4
℄		7.1	314.0
¼		7.0	314.1
+5		7.1	314.0
cb		4.9	316.2
E.L		4.7	316.4
3+55			
E.L		6.4	314.7
cb		6.9	314.2
+5		9.6	311.5
¼		9.4	311.7
℄		9.8	311.3
¼		10.0	311.1
cb		10.4	310.7
w.L		10.8	310.3
10'w		10.3	310.8

50th

3+75	321.14		
10' W		10.4	310.7
5' W		11.6	309.5
w.L.		12.0	309.1
cb		11.9	309.2
+3		11.7	309.4
+4		12.1	309.0
¼		11.8	309.3
℄		11.7	309.4
¼		11.8	309.3
+8		11.5	309.6
cb		8.5	312.6
E.L.		8.2	312.9
3+84			
E.L		8.9	312.2
+5		9.1	312.0
cb		11.7	309.4
+3		12.6	308.5
¼		12.7	308.4
℄		12.6	308.5
¼		12.7	308.4
+5		12.8	308.3
+8		12.0	309.1
cb		12.1	309.0
w.L		12 ✓	308.9
T.P	2.36	311.47 12.03	309.11

3+87	311.47		
w.L		2.6	308.9
+5		2.7	308.8
cb		2.5	309.0
+2		2.5	309.0
+5		3.3	308.2
¼		3.4	308.1
℄		3.4	308.1
¼		3.3	308.2
+7		3.2	308.3
cb		2.4	309.1
E.L.		1.2	310.3
4+00			
E.L		3.5	308.0
+3		4.0	307.5
+5		5.0	306.5
cb		4.3	307.2
+5		4.1	307.4
¼		4.3	307.2
℄		4.5	307.0
¼		4.3	307.2
+5		4.0	307.5
cb		2.8	308.7
+1		2.9	308.6
+2		3.7	307.8
w.L		2.6	308.9

50 ½

4+16	311.47		
w.L.		1.7	309.8
+1		4.1	307.4
+9		4.1	307.4
cb		3.8	307.7
+2		4.2	307.3
+7		5.3	306.2
¼		5.4	306.1
+5		5.9	305.6
℄		5.8	305.7
¼		5.9	305.6
+5		5.6	305.9
cb		6.5	305.0
E.L.		8.3	303.2
3' E		7.2	304.3
10' E		6.9	304.6
4+28			
10' E		8.1	303.4
E.L.		7.9	303.6
cb		7.7	303.8
+5		7.4	304.1
¼		6.7	304.8
℄		6.5	305.0
¼		6.9	304.6
+2		6.8	304.7
+5		4.6	306.9

4+28	311.47		
wcb		4.4	307.1
w.L.		0.3	311.2
4+34			
w.L.		0.4	311.1
+5		2.5	309.0
cb		4.0	307.5
¼		5.9	305.6
+5		7.0	304.5
℄		6.8	304.7
+5		6.7	304.8
¼		6.8	304.7
+7		7.2	304.3
cb		8.0	303.5
+3		9.1	302.4
E.L.		9.0	302.5
10' E		8.7	302.8
4+35			
10' E		13.0	298.5
E.L.		14.7	296.8
+5		13.4	298.1
cb		8.6	302.9
+5		7.1	304.4
¼		6.9	304.6
℄		7.1	304.4
+5		7.0	304.5
¼		6.0	305.5

50 ℄

4 + 35	311.47		
w ¼ + 5		5.1	306.4
cb		4.0	307.5
w.L.		0.5	311.0
℄ garage at	2' w 4+40	2.77	308.7
4 + 38			
w.L.		2 8	308.7
+5		2.1	308.4
cb		4.1	307.4
+5		5.4	306.1
¼		6 2	305.3
+5		7.2	304.3
℄		7.2	304.3
+5		7.0	304.5
¼		7.1	304.4
+6		7.0	304.5
cb		9.4	302.1
+7		14.2	297.3
E.L.		14.5	297.0
10' E		13.4	298.1
15' E		12.6	298.9

4 + 46	311.47		
15' E		15 3	296.2
5' E		17.0	294.5
E L		17.3	294.2
+5		13 6	297.9
cb		10.5	301.0
+3		8.9	302.6
+7		7.5	304.0
¼		7.6	303.9
+2		10.1	301.4
+4		7.6	303.9
℄		7.6	303.9
¼		7.1	304.4
+5		5.6	305.9
cb		4.3	307.2
+5		3.1	308.4
w.L.		2 9	308.6
4 + 48			
w.L.		0.5	311.0
+2		2 3	309.2
+5		2.8	308.7
cb		4 3	307.2
+5		4.9	306.6
+8		7.1	304.4
¼		7.5	304.0
+5		7.6	303.9
℄		7.7	303.8

50 ft.

4+48	311.47		
℄ +6		7.7	303.8
¼		10.5	301.1
+5		11.4	300.1
cb		11.8	299.7
+5		13.2	298.3
E.L.		17.2	294.3
5'E		18.4	293.1
15'E		15.2	296.3
4+53			
10'E		19.4	292.1
E.L.		18.4	293.1
cb		13.4	298.1
+8		11.1	300.4
¼		8.3	303.2
+5		7.8	303.7
℄		7.8	303.7
+5		7.7	303.8
¼		7.7	303.8
+3		7.5	304.0
+6		5.2	306.3
cb		4.8	306.7
+5		2.8	308.7
W.L.		0.5	311.0

4+57	311.47		
W.L.		0.0	311.5
+5		3.4	308.1
cb		4.9	306.6
+7		5.9	305.6
+8		7.2	304.3
¼		7.8	303.7
+5		7.8	303.7
℄		8.4	303.1
+5		7.9	303.6
¼		7.8	303.7
+6		9.1	302.4
cb		9.8	301.7
+5		12.3	299.2
E.L.		16.2	295.3
5'E		19.1	292.4
10'E		20.6	290.9
15'E		17.1	294.4
4+75			
18'E		24.8	286.7
7'E		19.1	292.4
E.L.		16.0	295.5
+5		14.1	297.4
cb		10.6	300.9
+3		9.5	302.0
¼		8.8	302.7

50 ft

4+75	311.47		
℄		8.8	302.7
¼		8.2	303.3
+2		7.9	303.6
+5		5.9	305.6
cb		5.4	306.1
+5		5.0	306.5
w.l.		0.4	311.1
5+00			
w.l.		0.0	311.5
+2		0.7	310.8
+7		5.2	306.3
cb		5.8	305.7
+8		5.8	305.7
¼		8.2	303.3
+5		8.9	302.6
℄		8.7	302.8
¼		9.1	302.4
cb		9.9	301.6
+5		10.7	300.8
E.L.		13.8	297.7
10'E		17.2	294.3
15'E		20.0	291.5

5+25	311.47		
15'E		16.6	294.9
10'E		15.5	296.0
E.L.		13.3	298.2
+5		10.9	300.6
cb		10.0	301.5
¼		9.7	301.8
℄		9.2	302.3
+5		9.4	302.1
¼		8.5	303.0
+3		6.5	305.0
cb		6.5	305.0
+6		2.0	309.5
w.l.		0.6	310.9
5+50			
w.l.		2.4	309.1
+3		3.0	308.5
+8		6.7	304.8
cb		7.6	303.9
+7		7.4	304.1
¼		9.2	302.3
℄		9.7	301.8
+5		9.4	302.1
¼		10.3	301.2
+5		11.5	300.0
¼		11.4	300.1

50 Lt

305.2

5+50	311.47		
E'g +7		11.7	299.8
E.L.		13.2	298.3
15'E.		15.6	295.9
T.P. 5.91	305.24	12.14	299.33
5+75			
15'E		11.3	293.9
E.L.		8.9	296.3
+5		6.8	298.4
cb		7.5	297.7
+5		7.6	297.6
¼		7.3	297.9
+5		5.7	299.5
℄		4.4	300.8
+5		4.1	301.1
¼		4.0	301.2
+2		2.9	302.3
+5		2.7	302.5
cb		2.7	302.5
+3		1.9	303.3
+7		+1.2	306.4
W.L.		+2.0	307.2

6+00	305.24		
W.L.		1.3	303.9
+5		1.9	303.3
+6		4.0	301.2
cb		4.6	300.6
+5		4.4	300.8
¼		5.2	300.0
+2		6.0	299.2
℄		7.6	297.6
+5		8.4	296.8
¼		9.7	295.5
cb		9.6	295.6
+3		9.5	295.7
+5		8.6	296.6
+8		8.8	296.4
E.L.		9.8	295.4
5'E		11.8	293.4
15'E		12.8	292.4
6+10 (2) = B.C. one = B.C. Rot. one E			
15'E		14.3	290.9
E.L.		11.6	293.6
+3		10.5	294.7
+5		10.5	294.7
+6		11.3	293.9
cb		11.2	294.0
+5		11.1	294.1

50th

6+10.67	305.24	
E ¼	10.7	294.5
℄	8.4	296.8
¼	7.4	297.8
+3	5.3	299.9
cb	5.3	299.9
+5	4.8	300.4
w.l.	2.5	302.7
6+18		
0° 5' W Int with curve on W	2.9	302.3
w.l.	2.9	302.3
+2	4.6	300.6
cb	5.1	300.1
+7	5.6	299.6
¼	7.4	297.8
℄	9.3	295.9
+5	10.3	294.9
¼	11.4	293.8
+4	12.3	292.9
+6	11.9	293.3
cb	12.2	293.0
+4	12.5	292.7
+5	12.0	293.2
E.L	13.0	292.2
0° 8' E Int with ret on E	13.2	292.0
15' E	14.9	290.3

6+20	305.24	
15' E.	15.1	290.1
1.5' E' Int with ret. on E	13.3	292.9
E.L.	13.3	291.9
+4	12.0	293.2
+6	12.6	292.6
cb	12.3	292.9
+4	12.0	293.2
+7	12.5	292.7
¼	12.7	292.5
cb	9.5	295.7
+2	9.1	295.1
+8	8.5	296.7
¼	7.4	297.8
+3	5.9	299.3
cb	5.1	300.1
w.l.	4.2	301.0
0° 1' W Int with curve on w.	3.6	301.6
6+28		
1' W Int with curve on w	4.2	301.0
w.l.	4.4	300.8
+5	4.8	300.4
cb	5.8	299.4
+8	6.5	298.7
¼	8.1	297.1
℄	10.0	295.2

50th

6+28	305.29		
E ¼		12.0	293.2
+5		13.2	292.0
cb		13.4	291.8
+5		13.4	291.8
+7		12.7	292.5
E.L.		13.4	291.8
5.3'E Int with ret. on E		12.3	292.9
15'E		15.8	289.4
6+36			
13'E Int with ret on E		15.7	289.5
E.L.		14.1	291.1
cb		13.6	291.6
+3		14.0	291.2
¼		12.6	292.6
℄		10.8	294.4
¼		9.2	296.0
+3		7.2	298.0
cb		6.7	298.5
+2		6.0	299.2
+5		4.4	300.8
E.L.		3.9	301.3
2.3'W Int with curve on W		3.9	301.3

6+50	305.29		
6.5'W Int with curve on E		6.0	299.2
N.L.		6.8	298.4
cb		8.1	297.1
+8		9.4	295.8
¼		10.2	295.0
+5		12.3	292.9
℄		12.2	293.0
¼		14.4	290.8
+5		14.4	290.8
cb		14.9	290.3
+5		15.3	289.9
+6		14.5	290.7
E.L.		14.0	291.2
12'E Int with N.L. Wightman		12.0	293.2
6+59 ot			
E.L. = N.L. Wightman		14.1	291.1
+5		14.7	290.5
+7		16.3	288.9
cb		15.9	289.3
+5		15.7	289.5
¼		15.2	290.0
+5		13.5	291.7
℄		13.0	292.2
+8		11.9	293.3
¼		10.5	294.7

50th

29

6+59	305.29		
w c b	8.9	296.3	
w L.	8.2	297.0	
9° w Int. with ~~on w.~~ curve	7.2	298.0	
6+68			
14' w Int. with curve on w.	7.4	297.8	✓
w.L.	9.0	296.2	✓
c b	10.0	295.2	
¼	11.3	293.9	
+3	12.7	292.5	
℄	13.8	291.4	
+8	15.0	290.2	
E ¼ = Int with N.L. Wightmn	16.0	289.2	
End Section on N.L. Wightmen			
E L	13.8	291.4	✓ on E L 50th Produced South (Walker)
+7	15.3	289.9	
c b	16.4	288.8	
+7	17.1	287.1	
¼	16.3	288.9	
+3	16.4	288.8	
+5	15.2	290.0	
℄	14.6	290.6	
+9	14.1	291.1	
¼	13.3	291.9	
c b	12.0	293.2	
w.L.	11.6	293.6	✓ Produced South on W.L. 50th St. (Walker)

305 24

T.P	0.28	293.39	12.13	293.11
B.M. top pipe sw Wightmn & 50th			10.45	282.94
B.M.	1.13	327.81		326.68
T.P.	11.40	327.60	11.61	316.20
T.P.	5.68	332.68	0.60	327.00
T.P.	2.08	321.94	12.82	319.86
T.P.	0.56	309.61	12.89	309.05
T.P.	0.81	297.78	12.64	296.97
T.P.	2.31	288.44	11.65	286.13
B.M. top pipe sw Wightmans 50th			5.44	283.00

B.P. sw Univ & Estrella

X Sec 50th St From S.L.
50' wide 10' cbs

B.M.	1.57	284.57	283.00
End Section on S.L. Wightman			
E.L.		2.6	282.0
+6		1.7	83.2
cb		1.5	83.1
¼		1.9	82.7
℄		2.5	82.1
+6		2.4	82.2
¼		2.4	82.2
cb		1.9	82.7
w.L.		1.8	82.8
0+248			
w.L		1.8	82.8
cb		2.1	82.5
¼		2.9	81.7
+5		3.5	81.1
+7		4.6	80.0
℄		4.2	80.4
¼		4.1	80.5
+3		3.9	80.7
cb		4.1	80.5
+2		4.3	80.3
E L		7.4	77.2
10'E		10.2	74.4

Plotted 7-10-28 - CB.4

Wightman to Landis

30

0+50		284.57	
10'E		14.3	70.3
E L		11.6	73.0
cb		8.5	76.1
+3		7.7	76.9
¼		7.6	77.0
℄		6.9	77.7
¼		5.8	78.8
+5		5.4	79.2
+6		5.8	78.8
cb		5.4	79.2
w.L		4.5	80.1
0+75			
w.L		7.2	77.4
cb		8.4	76.2
¼		9.1	75.5
℄		10.5	74.1
+2		11.9	72.7
+3		11.1	73.5
¼		11.5	73.1
+3		11.6	73.0
cb		12.8	71.8
+4		14.2	70.4
E L		14.5	70.1
10'E		15.2	69.4

South

0+86		284.57		
10'E			16.1	68.5
E.L			15.0	69.6
cb			14.0	70.6
1/4			14.0	70.6
℄			13.9	70.7
+2			13.1	71.5
1/4			12.6	72.0
cb			11.8	72.8
w.L.			10.5	74.1
10'W			7.5	77.1
1+00				
10'W			11.4	75.2
w.L			12.6	71.8
cb			13.6	71.0
+7			14.3	70.3
1/4			14.7	69.9
℄			14.9	69.7
1/4			15.0	69.6
cb			15.8	68.8
E.L.			16.1	68.5
10'E			16.6	68.0
T.P.	1.25	273.94	11.88	272.69

1+30	273.94		
15'E		11.5	62.4
14'E		10.6	63.3
10'E		9.5	64.4
8'E		7.2	66.7
E.L		6.7	67.2
cb		6.4	67.5
1/4		6.4	67.5
℄		5.9	68.0
1/4		5.8	68.1
cb		5.8	68.1
w.L		5.7	68.2
4'W		5.7	68.2
10'W		5.1	68.8
1+65			
10'W		7.9	66.0
w.L.		8.0	65.9
cb		7.9	66.0
1/4		7.9	66.0
℄		7.8	66.1
1/4		8.0	65.9
cb		8.2	65.7
E.L		8.3	65.6
1'E		8.6	65.3
3'E		11.2	62.7
8'E		11.2	62.7
11'E		12.4	61.5

50 1/2

1+65	273.94		
15'E		8.8	65.1
1+73			
15'E		8.5	65.4
12'E		9.1	64.8
10'E		12.0	61.9
E.L.		11.4	62.5
+4		9.0	64.9
+6		8.3	65.6
cb		8.3	65.6
1/4		8.3	65.6
℄		8.0	65.9
1/4		8.0	65.9
cb		8.2	65.7
m.L.		8.3	65.6
10'w		8.2	65.7
1+83			
10'w		6.7	65.2
m.L.		8.7	65.2
cb		8.3	65.6
1/4		8.3	65.6
℄		8.4	65.5
+5		8.7	65.2
1/4		8.5	65.4
+7		8.4	65.5
cb		8.9	65.0

1+83	273.94		
+2		9.6	64.3
+4		12.1	61.8
E.L.		11.9	62.0
3'E		9.0	64.9
10'E		8.7	65.2
1+91			
10'E		8.8	65.1
5'E		8.9	65.0
E.L.		9.1	64.8
+2		9.7	64.2
+3		11.7	62.2
cb		12.1	61.8
+3		9.1	64.8
1/4		8.7	65.2
℄		8.8	65.1
1/4		8.4	65.5
cb		8.6	65.3
m.L.		8.8	65.1
10'w		9.1	64.8
2+00			
10'w		9.4	64.5
m.L.		9.1	64.8
cb		8.8	65.1
+5		8.7	65.2
1/4		9.2	64.7

50 ft

2+00	273.94		
w'a +6		9.4	64.5
+7		8.9	65.0
℄		8.9	65.0
¼		9.1	64.8
+2		10.1	63.8
+3		12.0	61.9
+6		12.1	61.8
cb		10.1	63.8
+3		9.1	64.8
E.L.		9.2	64.7
3'E		9.1	64.8
10'E		8.3	65.6
2+25			
10'E		8.9	65.0
E L		8.9	65.0
+6		9.3	64.6
cb		9.1	64.8
¼		9.4	64.5
+5		9.7	64.2
℄		9.8	64.1
+2		12.0	61.9
¼		11.9	62.0
+3		11.7	62.2
+5		9.7	64.2
cb		9.4	64.5
w.L		9.5	64.4

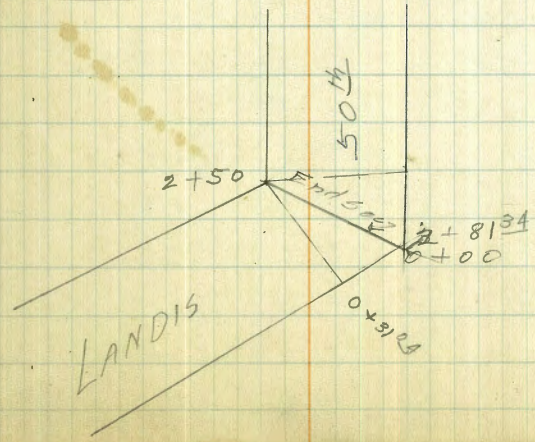
2+25	273.94		
10'w		9.9	64.6
2+40			
10'w		9.9	64.6
5'w		9.3	64.6
w.L.		9.2	64.7
+5		9.4	64.5
+8		12.2	61.7
cb		12.1	61.8
+4		11.9	61.0
+5		10.0	63.9
¼		9.4	64.5
℄		9.4	64.5
¼		9.0	64.9
cb		9.1	64.8
+5		9.2	64.7
E.L.		9.1	64.8
10'E		9.0	64.9
2+47			
10'E		9.3	64.6
E.L.		9.4	64.5
+7		9.0	64.9
cb		9.2	64.7
¼		9.3	64.6
℄		9.2	64.7
+3		9.5	64.4

50th

2+47	273.94		
w ¼		9.6	64.3
+6		10.1	63.8
cb		11.7	62.2
+9		12.1	61.8
w.c		9.8	64.1
5' w		9.6	64.3
10' w		10.1	63.8
2+50 = End 50th on W.			
10' w		10.1	63.8
5' w		9.2	64.7
4' w		9.8	64.1
2' w		12.0	61.9
w.c.		12.0	61.9
+6		12.0	61.9
+8		9.7	64.2
cb		9.2	64.7
¼		9.5	64.4
℄		9.2	64.7
+5		9.5	64.4
¼		9.5	64.4
cb		9.2	64.7
+5		9.0	64.9
E.L.		9.5	64.4
10' E		9.3	64.6

End Section End 50th

10' E (on diag.)	8.2	65.7
E.L.	9.5	64.4
cb	9.6	64.3
¼	9.6	64.3
℄	9.8	64.1
¼	9.8	64.1
cb	9.5	64.4
+4 (on diag.)	9.4	64.5
+8 "	10.4	63.5
+9 (on diag.)	12.2	61.7
w.c.	12.0	61.9
+1 (on diag.)	12.0	61.9
2' w "	9.8	64.1
5' w "	9.4	64.5
9' w "	10.2	63.7
10 w "	10.3	63.6



X Sec Landis From 50th +o
Winnona. 50' wide 10' cbs.

273.94

End section = Same as End 50th.

0+00 = Beginning of Landis on South
0+31.04 = Beginning " " North

10'N		9.6	64.3
3'N.		10.3	63.6
2'N		11.8	62.1
N.L.		12.0	61.9
+3		12.0	61.9
cb		10 3	63.6
+2		9.6	64.3
¼		9.4	64.5
℄		9.7	64.2
¼		9.7	64.2
cb		9.7	64.2
S.L.		10.0	63.9
10'S		10.3	63.6
0+43			
10'S		10.2	63.7
S.L.		10.0	63.9
cb		9.9	64.0
¼		9.6	64.3
℄		9.7	64.2
+6		10.1	63.8
¼		12.1	61.8
cb		11.9	62.0
+3		11.8	62.1

Plotted 7-10-28. CBH

0+43 273.94

N.cb+4	10.2	73.7
N.L.	9.4	74.5
½'N	9.5	74.4
5'N	10.4	73.5
10'N	10 3	73.6
0+50		
10'	10.4	73.5
N.L.	10 5	73.4
+1	10.6	73.3
+5	9.2	74.7
+9	9.4	74.5
cb	9.6	74.3
+4	10.4	73.6
+5	12.2	71.7
¼	12.1	71.8
+7	12 3	71.6
℄	11.7	72.2
+3	10 4	73.5
+5	8.9	74.0
¼	9.7	74.2
cb	9.9	74.0
S.L.	9.9	74.0
5'S	10.3	73.6
10'S	10.1	73.8

10 Sta. to High

0+62	273.94		
10'S		10.1	63.8
S.L.		10.3	63.6
+7		10.2	63.7
cb		11.3	62.6
+1		12.1	61.8
¼		12.2	61.7
+4		12.4	61.5
℄		10.2	63.7
¼		9.7	64.2
7		9.9	64.0
cb		10.2	63.7
N.L.		10.7	63.2
10'N		10.6	63.3
0+70			
10'N		10.9	63.0
N.L.		10.8	63.1
+5		10.7	63.2
cb		10.8	63.1
+4		10.0	63.9
¼		9.8	64.1
℄		9.7	64.2
¼		10.2	63.7
+3		12.1	61.8
cb		12.2	61.7
S.L.		11.8	62.1
10'S		11.2	62.7

0+80	273.94		
10'S		11.9	62.0
S.L.		11.9	62.0
+7		10.1	63.8
cb		10.0	63.9
¼		9.8	64.1
℄		9.8	64.1
¼		9.9	64.0
+8		10.1	63.8
+6		11.7	62.2
cb		11.6	62.3
+2		11.1	62.8
N.L.		11.0	62.9
10'N		11.1	62.8
0+87			
10'N		11.2	62.7
N.L.		11.1	62.8
cb		11.5	62.4
+5		11.6	62.3
¼		11.0	62.9
+3		10.0	63.9
℄		9.9	64.0
¼		9.8	64.1
cb		9.9	64.0
S.L.		10.0	63.9
4'S		10.5	63.4
7'S		11.3	62.6

0+87	273.94		
10'S		11.6	62.3
1+00			
10'S		10.3	63.6
S.L.		10.2	63.7
cb		10.4	63.5
¼		10.5	63.4
℄		10.4	63.5
¼		10.5	63.4
cb		10.7	63.2
+2		11.7	62.2
+6		11.6	62.3
N.L.		11.4	62.5
10'N		11.5	62.4
1+25			
10'N		12.2	61.7
N.L.		11.9	62.0
+2		11.3	62.6
cb		11.0	62.9
¼		11.1	62.8
℄		11.2	62.7
¼		10.9	63.0
cb		10.7	63.2
S.L.		10.6	63.3
10'S		10.8	63.1

1+50	273.94		
10'S		11.5	62.4
S.L.		11.4	62.5
cb		11.3	62.6
¼		11.5	62.4
℄		11.5	62.4
¼		11.6	62.3
cb		11.9	62.0
N.L.		12.3	61.6
10'N		12.6	61.3
1+67			
10'N		12.7	61.2
1'N		12.8	61.1
N.L.		12.2	61.7
cb		11.9	62.0
¼		12.1	61.8
+5		11.9	62.0
℄		11.6	62.3
¼		11.9	62.0
cb		12.1	61.8
S.L.		12.4	61.5
2'S		12.6	61.3
3'S		13.9	60.0
10'S		13.7	60.2
13'S		12.3	61.6

1+72		273.94		
10'S			12.1	61.8
6'S			12.4	61.5
5'S			14.6	59.3
S.L.			14.5	59.4
+5			14.3	59.6
+7			12.6	61.3
cb			12.4	61.5
¼			12.3	61.6
℄			12.3	61.6
¼			12.4	61.5
cb			12.1	61.8
N.L			12.3	61.6
4'N			12.6	61.3
10'N			12.7	61.2
T.P.	9.25	270.48	12.71	261.23
1+78				
10'N			9.4	61.1
5'N			9.0	61.5
N.L.			9.0	61.5
cb			9.0	61.5
¼			9.2	61.3
℄			9.2	61.3
¼			9.0	61.5
+3			9.1	61.4
+4			10.7	59.8
+6			11.2	59.3

1+78	270.48		
5 cb		11.3	59.2
+5		11.2	59.3
+6		9.7	60.8
S.L.		8.8	61.7
10'S		8.7	61.8
1+93			
10'S		9.5	61.0
S.L.		9.4	61.1
cb		9.5	61.0
¼		9.6	60.9
+3		9.7	60.8
+4		11.7	58.8
℄		12.1	58.4
¼		11.6	58.9
+6		11.3	59.2
+7		9.8	60.7
cb		9.7	60.8
N.L.		7.2	61.3
10'N		9.6	60.9

2+00	27048		
10'N		9.9	60.6
5'N		9.6	60.9
N.L.		10.0	60.5
+6		10.6	59.9
cb		12.1	58.4
¼		11.4	59.1
℄		10.7	59.6
¼		10.0	60.5
cb		9.7	60.8
+2		9.5	61.0
+3		10.4	60.1
S.L.		11.3	59.2
3'S		9.5	61.0
5'S		9.0	61.5
10'S		8.8	61.7
2+04			
10'S		9.0	61.5
S.L.		9.4	61.3
+6		10.5	60.0
cb		10.8	59.7
+3		9.9	60.6
¼		10.0	60.5
℄		10.9	59.6
¼		11.3	59.2
cb		11.9	58.6
+4		11.4	59.1

2+04	27048		
N.L.		10.7	59.8
3'N		9.6	60.9
10'N		9.7	60.8
2+16			
10'N		9.8	60.7
7'N		10.0	60.5
6'N		12.2	58.3
N.L.		12.1	58.4
+4		12.3	58.2
+8		10.4	60.1
cb		10.0	60.5
+4		9.8	60.6
+6		10.5	60.0
¼		10.0	60.5
℄		9.6	60.9
¼		9.1	61.4
cb		9.1	61.4
S.L.		8.8	61.7
10'S		9.2	61.3
2+21			
10'S		9.4	61.1
2'S		9.6	60.9
S.L.		9.7	60.8
cb		9.7	60.8
¼		9.6	60.9

2+21	270.98		
℄		9.2	61.3
+5		9.5	61.0
¼		10.4	60.1
+3		9.7	60.8
cb		9.8	60.7
+7		10.2	60.3
N.L.		12.2	58.3
9'N		13.1	57.4
10'N		11.0	59.5
13'N		10.2	60.3
2+25			
15'N		10.2	60.3
12'N		12.7	57.8
3'N		12.2	58.3
N.L.		11.3	59.2
+1		10.2	60.3
cb		9.6	60.9
+5		9.6	60.9
¼		10.2	60.3
+5		9.4	61.1
℄		9.4	61.1
+5		9.8	60.7
¼		9.7	60.8
cb		9.3	61.2
S.L.		8.9	61.6

2+25	270.48		
10'S		8.9	61.6
2+32			
10'S		8.9	61.6
S.L.		8.8	61.7
+5		9.1	61.4
cb		9.2	61.3
¼		9.3	61.2
℄		10.1	60.4
+3		9.7	60.8
¼		10.2	60.3
+2		9.5	61.0
cb		9.6	60.9
+5		10.0	60.5
N.L.		9.6	60.9
2'N		9.7	60.8
5'N		10.9	59.6
6'N		11.7	58.8
8'N		12.3	58.2
15'N		12.5	58.0
2+50			
10'N		10.1	60.4
5'N		10.0	60.5
NL		10.3	60.2
+5		10.9	59.6
cb		10.8	59.7
¼		10.6	59.9

2+50	270.48		
W ¼ +3		10.2	60.3
℄		9.9	60.6
¼		10.0	60.5
cb		9.9	60.6
S.L.		9.8	60.7
10'S		9.4	61.1
2+75			
10'S		9.7	60.8
S.L.		10.3	60.2
+1		10.5	60.0
cb		10.6	59.9
¼		10.8	59.7
℄		10.4	60.1
¼		10.4	60.1
cb		10.4	60.1
+4		10.5	59.8
+6		11.6	58.9
N.L.		12.3	58.2
5'N		11.8	58.7
6'N		11.0	59.5
10'N		10.5	60.5

2+94	270.98		
10'N		13.5	57.0
6'N		12.7	57.8
N.L.		12.0	58.5
+2		10.8	59.7
cb		10.8	59.7
¼		11.0	59.5
℄		10.8	59.7
¼		10.8	59.7
cb		11.1	59.4
S.L.		11.0	59.5
3'S		10.4	60.1
10'S		10.0	60.5
3+00			
10'S		10.4	60.1
S.L.		11.0	59.5
cb		11.1	59.4
¼		10.9	59.6
℄		10.9	59.6
¼		11.0	59.5
cb		10.9	59.6
+5		11.0	59.5
+8		12.1	58.4
+9		14.2	56.3
N.L.		13.7	56.8
10'N		13.8	56.7

270.48

3+21.3 = E.L. Winnona on North

10' N		11.3	69.2
N.L.		12.7	67.8
+8		14.2	66.3
cb		13.8	66.7
+3		12.1	68.4
¼		11.5	69.0
℄		11.2	69.3
¼		12.0	68.5
cb		11.8	68.7
S.L.		11.4	69.1
8'S		11.3	69.2
10'S		10.7	69.8

End Section on E.L. Winnona

10'S		11.4	69.1
S.L.		12.3	68.2
+7 on diag.		12.2	68.3
cb		11.2	69.3
¼		11.5	69.0
℄		11.3	69.2
¼		11.2	69.3
cb		11.0	69.5
+1 on diag.		11.3	69.2
+2 "		14.0	66.5
+4 "		12.7	67.8
+8 "		11.8	68.7

10. Levelled

270.48

End Section

N.L.		12.7	257.8

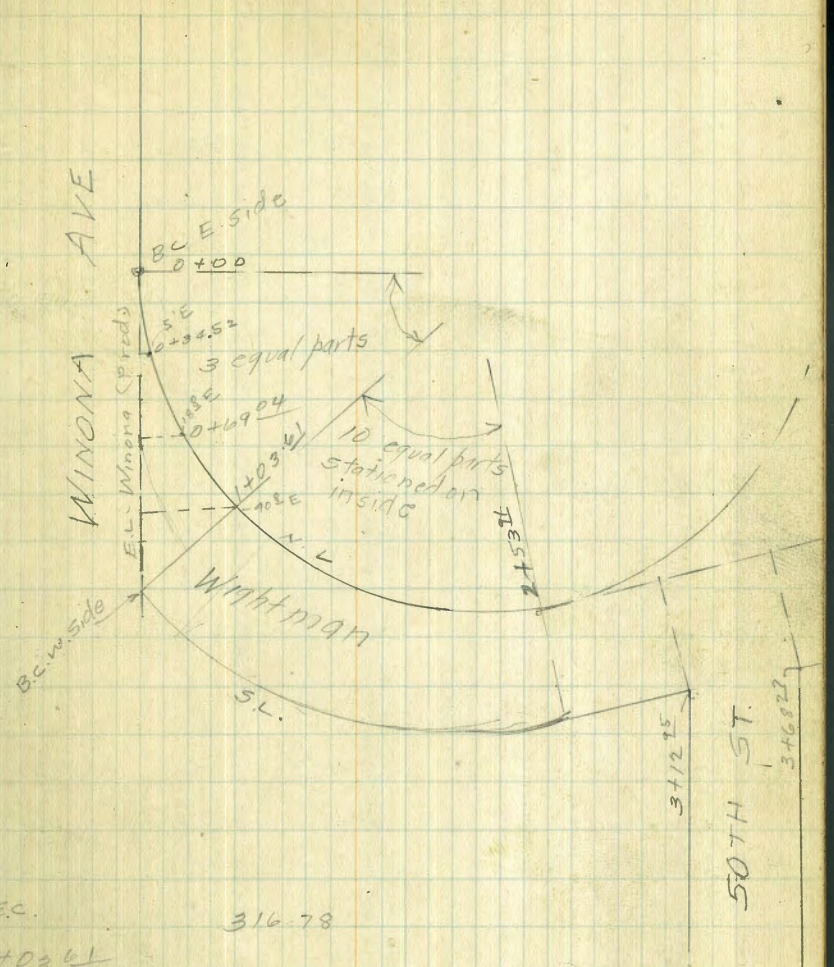
3+45.2 = E.L. Winnona on South

T.P. 12.78	282.50	0.76	269.72
T.P. 12.43	294.39	0.54	281.96
T.P. 11.71	305.46	0.64	293.75
T.P. 11.62	316.78	0.30	305.16
B.M. Hub N.E. Winnona & Wightman	2.23		314.55

Winona to Altadena St.

X Sec. Wightman From E L
60' wide 10' Cbs.
316.78

		314.6
0+00 E.L Winnona B.C. 2.2		B.C. on E.
0+34.52 rt. Ls to Winona		
E.L Winona	6.1	310.7
2'E	6.0	310.8
5'E Int with Curve	5.6	311.2
0+69.04 rt Ls to Winona		
18.8 E Int with curve	8.2	308.6
2'E	9.1	307.7
E L winnona (prod)	9.8	307.0
1+03.41 rt. Ls to Winona		
E.L. winona (prod.)	11.1	305.7
5'E	11.2	305.6
6'E	11.6	305.2
8'E	11.4	305.4
10'E	10.4	306.4
25'E	9.8	307.0
40.8'E Int with Curve	9.5	307.3
Gut in street one 2' wide. Conc. Drive at 1+08	9.52	307.26
1+03.41 = B.C on S. Sec's radial from Here.		to E.C. 316.78
N.L.	9.5	307.3
cb	10.3	306.5
1/4	10.9	305.9
℄	11.9	304.9
1/4	12.2	304.6
cb	12.7	304.1
+5	12.9	303.9



S.L.		12.9	303.9
10'S		13.4	303.4
T.P. 4.50	308.38	12.90	303.88

1+18 44 N01	308.38		
10'S.		5.8	302.6
S.L.		4.9	303.5
+7		3.9	304.5
cb		3.8	304.6
¼		4.0	304.4
+8		4.2	304.2
℄		4.3	304.1
+1		4.0	304.4
+4		2.6	305.8
¼		2.3	306.1
+4		2.0	306.4
cb		1.7	306.7
N.L.		1.0	307.4
1+33 47 N02			
N.L.		1.5	306.9
cb		2.7	306.2
+6		2.5	305.9
¼		2.8	305.6
+6		3.2	305.2
℄		5.7	302.7
+5		5.2	303.2
¼		4.9	303.5
+4		4.7	303.7
+8		4.4	304.0
cb		4.3	304.1
+5		4.4	304.0

1+33 67	308.38		
S.L.		5.1	303.3
10'S		6.0	302.4
1+48 20 N03			
10'S		8.0	300.4
S.L.		7.1	301.3
+7		6.2	302.2
cb		5.7	302.5
+1		5.9	302.5
¼		6.7	301.7
℄		7.3	301.1
+1		7.1	301.3
+3		4.3	304.1
¼		3.8	304.6
cb		3.1	305.3
N.L.		2.4	306.0
1+63 73 N04			
N.L.		3.7	304.7
cb		4.0	304.4
¼		5.1	303.3
+7		4.0	302.4
+8		8.7	299.7
℄		8.9	299.5
¼		8.5	299.9
+5		8.4	300.0
+8		8.1	300.3
cb		8.4	300.0

1+63 23	308.38		
S.L.		9.2	299.2
10's		10.2	298.2
1+78 26 not			
10's		13.5	294.9
S.L.		12.6	295.8
+9		11.4	297.0
cb		10.9	297.5
+2		10.6	297.8
1/4		11.1	297.3
+5		11.0	297.4
℄		11.0	297.4
+4		10.6	297.8
+5		8.6	299.8
+8		7.4	301.0
1/4		7.1	301.3
cb		6.3	302.1
+5		6.2	302.2
N.L.		5.5	302.9
1+93 29 note			
N.L.		5.7	302.7
+4		7.4	301.0
cb		7.8	300.6
1/4		9.0	299.4
+4		10.0	298.4
+8		12.9	295.5

1+93 29	308.38		
℄		13.1	295.3
+7		12.8	295.6
1/4		12.8	295.6
+8		12.4	296.0
cb		13.0	295.4
S.L.		14.7	293.7
10's		16.5	291.9
15's		17.4	291.0
T.P. 5.74	301.39	12.78	295.65
2+08 72 not			
15's		13.6	287.8
S.L.		10.3	291.1
+7		8.7	292.7
cb		7.7	293.7
+1		7.2	294.2
1/4		7.5	293.9
+6		7.4	294.0
℄		7.4	294.0
+4		7.5	293.9
+6		4.9	296.5
1/4		4.3	297.1
cb		3.0	298.4
+5		2.0	299.4
N.L.		1.9	299.5

2+23 75 108 — 301.39

N.L.	2.9	298.5
cb	3.3	298.1
¼	5.0	296.4
+5	6.0	295.4
+7	8.9	292.5
℄	9.0	292.4
+8	9.3	292.1
¼	9.4	292.0
+6	9.0	292.4
cb	10.4	291.0
+5	12.7	288.7
S.L.	14.3	287.1
15's	17.6	283.8

2+38 78 109

15' S	18.7	282.7
S.L.	17.3	284.1
+4	16.3	285.1
cb	12.9	288.5
+4	11.0	290.4
¼	11.1	290.3
℄	11.2	290.2
+3	11.3	290.1
+6	8.4	293.0
¼	7.6	293.8
cb	5.7	295.7
N.L.	3.9	297.5

2+53 91 = Ecorns — 301.39

N.L	5.1	296.3
cb	7.5	293.9
¼	9.7	291.7
+6	11.2	290.2
+7	12.8	288.6
℄	12.9	288.5
¼	13.0	288.4
+7	12.9	288.5
cb	13.7	287.7
+7	17.1	284.3
S.L.	17.8	283.6
15's	19.3	282.1

Yardage figured from Head To Sta. 4+46 79

2+80

15's	19.9	281.5
S.L.	18.1	283.3
+5	17.4	284.0
cb	15.1	286.3
+2	14.7	286.7
¼	14.9	286.5
℄	14.5	286.9
+8	11.6	289.8
¼	11.0	290.4
cb	8.5	292.9
N.L.	4.3	295.1

301.39

3+12.95 = N.L 50th

N.L.		7.4	296.0
cb		9.2	292.2
¼		12.1	289.3
+6		13.5	287.9
+8		15.4	286.0
℄		15.4	286.0
¼		15.9	285.5
cb		16.3	285.1
+5		17.7	283.7
S.L.		18.7	282.7
15'S		20.6	280.8
T.P.	3.17	11.59	289.80
B.M.		9.99	282.98 (293.00)

3+12.95 = N.L 50th

N.L.		+1.0	294.0 ✓
cb		1.0	292.0
¼		3.5	289.5
+4		4.4	288.6
+6		5.1	287.9
+8		7.1	285.9
℄		7.1	285.9
¼		7.6	285.4
cb		8.0	285.0
+5		9.2	283.8
S.L.		10.2	282.8
15'S		12.4	280.6

3+40 292.97

15'S	12.6	280.4
S.L.	11.0	282.0
cb	9.0	284.0
+2	8.5	284.5
¼	8.1	284.9
℄	7.7	285.3
+2	7.7	285.3
+5	5.6	287.4
¼	4.3	288.7
cb	2.0	291.0
+5	1.0	292.0
N.L.	+0.5	292.5
3+55		
N.L.	1.1	291.9
cb	3.2	289.8
¼	5.2	287.8
+8	7.0	286.0
+9	8.0	285.0
℄	8.0	285.0
¼	8.7	284.3
+7	8.7	284.3
¼	9.1	283.9
S.L.	10.0	283.0
10'S	11.8	281.2
15'S	13.3	279.7

29200
29297

3+63		
S.L.	9.9	283.1
cb	9.0	284.0
+3	8.9	284.1
¼	8.9	284.1
+9	8.2	284.8
℄	7.8	285.2
+5	7.5	285.5
+7	6.2	286.8
¼	5.6	287.4
cb	3.9	289.1
N.L.	2.1	290.9
3+68.22 = EL 50th		
N.L.	2.5	290.5
cb	4.5	288.5
+2	5.5	288.5
¼	6.6	286.4
+8	8.0	285.0
℄	8.4	284.6
¼	9.1	283.9
cb	9.0	284.0
+4	9.6	283.4
S.L.	11.0	282.0

3+73		
S.L.	13.0	280.0
+5	11.2	281.8
+8	9.5	283.5
cb	9.0	284.0
¼	9.2	2838
+6	9.0	2840
℄	8.6	284.4
¼	7.0	286.0
cb	5.4	287.6
+8	4.2	288.8
N.L.	2.9	290.1
3+82		
N.L.	4.2	288.8
cb	5.4	287.6
¼	7.1	285.9
+5	8.5	284.5
℄	9.4	283.6
¼	9.6	283.4
+6	9.2	283.8
+9	9.3	283.7
cb	9.6	283.4
+5	11.1	281.9
S.L.	13.2	279.8
15's	17.6	275.4

293.00

3 + 89		
15's	18.5	274.5
S.L.	14.6	278.4
+8	10.6	2824
cb	10.1	2829
¼	10.1	2829
℄	10.2	282.8
+6	10.0	2830
+8	6.8	286.2
¼	6.4	286.6
+3	4.2	288.8
cb	3.5	2895
+6	4.2	2888
N.L.	4.1	288.9
4 + 07		
N.L.	1.5	291.5
+6	2.0	2910
+8	2.7	2903
cb	3.4	289.6
+6	5.3	287.7
¼	6.3	2867
+5	7.8	285.2
+6	11.3	281.7
+7	11.3	281.7
℄	10.9	282.1
+5	10.8	2822
¼	11.2	2818

293.00

4 + 02		
5¼ + 8	10.8	2822
cb	11.3	281.7
+4	11.8	2822
S.L.	16.9	276.1
15's	21.1	271.9
4 + 10		
15's	22.1	270.9
S.L.	18.2	2748
+8	12.3	280.7
cb	11.8	281.2
+4	11.2	2818
+8	11.5	2815
¼	11.8	281.2
℄	11.4	281.6
+4	11.8	281.2
+5	8.2	2848
¼	6.8	2862
cb	5.0	2880
+3	4.0	289.0
N.L.	3.3	289.7

292.97 293.80

L R Stationed on inside 10. parts

4+46.29 = B.C. = E.C. N.E. return

N.L.		7.7	285.3
cb		9.1	283.9
¼		10.5	2825
+6		11.7	2813
+8		13.9	2781
℄		14.9	278.0
¼		15.4	277.6
+7		15.1	2779
cb		17.9	275.1
S.L.		21.7	271.3
15's		23.8	270.2
T.P.	5.86	12.82	280.15
4+72.26	Not		
15's		16.5	269.5
S.L.		14.9	271.1
+5		13.9	2721
cb		11.7	274.3
+2		10.8	2752
¼		11.1	2749
+8		10.4	2756
℄		10.4	275.6
+2		10.3	275.7
+4		6.0	280.0
¼		4.9	281.1
cb		4.0	282
N.L.		3.4	282.6

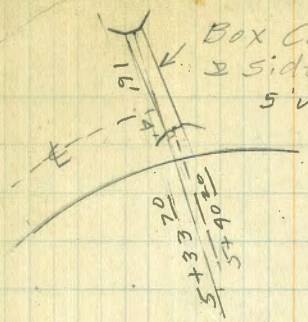
4+84.8	286.01		
N.L.		5.5	280.5
cb		5.2	2808
+5		5.7	2803
¼		6.4	279.6
+6		8.0	278.0
+8		12.0	274.0
℄		12.0	274.0
¼		12.5	273.5
+7		12.3	273.7
cb		13.6	272.4
S.L.		15.5	270.5
15's		16.6	269.4
Nail in Pole T.P.	2.33	12.79	273.22
4+97.73	Not		
15's		6.8	
S.L.		6.0	269.6
+8		5.3	
cb		3.9	
+1		3.4	
¼		3.4	
℄		3.5	272.1
+3		3.8	
+7		3.8	
¼		4.4	
cb		4.4	
N.L.		3.7	2719

T.P	5.27	278.49	273.22
5+23 20	2.03		
N.L.		7.7	270.8
+3		7.7	
+8		8.6	
+9		9.4	
cb		9.3	
+1		8.6	
¼		7.8	
℄		7.7	270.8
¼		8.1	
+2		8.8	
+3		8.0	
+7		8.6	
cb		8.6	
3.L.		9.0	269.5
9'S		9.2	
13'S		12.2	
5+29 20			
10'S		12.1	
5'S		11.9	
3'S		9.9	
S.L.		9.5	269.0
cb		8.9	
+1		8.9	
+4		11.5	

5+29 20	278.49	
+9	11.3	
¼	10.9	
+4	7.9	
℄	7.8	270.7
¼	7.6	
+7	8.2	
cb	9.0	
+6	10.4	
+8	9.6	
N.L.	9.4	269.1
5'N	9.7	
10'N	10.4	
5+32 20		
10'N	10.6	
N.L.	10.9	267.6
cb	10.8	
+2	10.7	
+3	8.3	
+8	7.8	
¼	7.8	
cb	7.8	
+4	7.9	
¼	11.5	
+2	11.8	
cb	11.8	
+1	9.1	

27849

5+32.70		
S.L.	9.5	269.0
2'S	11.9	
10'S	12.2	
5+34.20		
10'S	12.0	
S.L.	12.1	266.5
cb	11.6	
¼	12.0	
+5	8.1	
℄	7.9	270.6
¼	7.9	
+5 top N end culvert	7.9	
+5 bottom N end culvert	11.2	
cb	11.1	
N.L.	10.7	267.8
10'N	10.5	
5+41.20		
10'N	8.1	
N.L.	8.3	270.2
+1	8.5	
+3	9.5	
+6	9.7	
cb	8.1	
+6	7.9	
¼	7.9	
℄	8.0	270.5



Box Culvert Conc. bottom & sides - Plank top. 5' wide 3' deep. 20' long.

℄+4 top culvert S. end.	8.0	
+4 bottom culvert S. end.	12.0	
¼	12.5	
cb	11.9	
S.L.	12.3	266.2
7'S	12.3	
10'S	10.7	
5+48.67 Not		
10'S	8.9	
S.L.	9.6	268.9
cb	10.0	
+5	11.3	
¼	11.6	
+6	8.3	
℄	8.0	270.5
¼	7.9	
+9	8.3	
cb	8.8	
+2	9.2	
+3	8.3	

5+48.67		
N.cb +7	8.1	
N.L.	8.7	269.8
10'N	8.8	
5+74.14 Nos		
10'N	7.9	
N.L.	7.9	270.6
+5	7.9	
cb	7.5	
+1	8.5	
+3	8.6	
+5	7.8	
¼	8.2	
℄	8.2	270.3
¼	8.3	
+4	8.7	
+5	9.3	
+6	9.3	
+7	8.4	
cb	8.3	
S.L.	8.2	270.3
10'S	8.9	

5+99.61 Nos		
10'S	6.7	
S.L.	7.3	271.2
+7	7.6	
cb	7.0	
+2	7.1	
+4	7.4	
¼	6.8	
+3	7.2	
+6	7.1	
℄	6.7	271.8
+3	6.5	
¼	6.8	
+3	7.0	
+6	6.4	
+9	7.5	
cb	7.1	
+1	6.2	
+7	6.3	
+9	7.1	
N.L.	7.3	271.2
10'N	7.2	

278.49

6+24 08 No7

10'N	5.3	
N.L.	5.1	273.4
+8	5.0	
cb	5.3	
+2	5.6	
+5	5.6	
1/4	4.9	
+8	4.9	
℄	5.4	273.1
+5	5.8	
1/4	5.6	
+8	6.1	
cb	5.8	
+2	5.8	
+5	5.5	
S.L.	5.4	273.1
10'S	5.4	

6+50 55 No6

10'S	3.8	
S.L.	3.7	274.8
+8	3.5	
cb	4.0	
+1	5.0	
+3	4.6	
+8	4.1	
1/4	4.1	
+6	4.1	
℄	3.9	274.6
+7	3.4	
1/4	3.5	
+5	3.4	
+6	4.4	
+8	4.5	
cb	3.7	
+3	3.4	
N.L.	4.6	273.9
10'N	4.9	

6+76 02 No9

10'N	3.6	
N.L.	3.3	275.2
cb	2.8	
+3	3.8	
+5	3.2	
+7	2.6	
1/4	1.8	
+5	2.1	
℄	2.6	275.9
+2	2.7	
1/4	2.8	
+3	1.7	
+5	3.1	

6+76.02	278.49		
S.cb		3.3	
+2		3.1	
+3		1.8	
S.L.		1.9	276.6
T.P. 1273	290.00	1.22	277.27
7+01.54 E.C. 7010			
S.L.		11.9	278.1
cb.		12.2	
+1		12.1	
+3		13.4	
+7		13.3	
+8		12.9	
¼		12.9	
+5		12.7	
℄		12.4	277.6
¼		11.4	
+4		11.9	
+5		14.1	
+7		14.1	
+8		12.8	
cb		12.9	
+4		13.6	
N.L.		13.5	276.5
10'N		13.3	

7+06	290.00		
10'N		11.7	
N.L.		12.2	277.8
cb.		12.1	
+2		12.2	
+3		14.0	
+6		13.9	
+7		12.0	
¼		11.1	
℄		12.3	277.7
+4		12.5	
¼		12.6	
+1		12.6	
+3		12.9	
+7		13.1	
cb		11.8	
S.L.		11.5	278.5
7+28			
S.L.		8.9	281.1
cb		10.4	
+3		11.0	
+5		12.0	
¼		11.5	
+5		11.5	
℄		11.0	279.0
¼		10.0	
+5		10.1	

	290.00	
7+28		
+5	12.7	
+8	12.7	
+9	10.1	
cb	10.3	
N.L.	10.5	279.5
7+56		
N.L.	8.8	281.2
cb	9.0	
+1	11.0	
+4	11.3	
+5	8.9	
+7	8.4	
¼	9.0	
+5	9.5	
℄	9.8	280.2
¼	10.2	
+3	10.8	
cb	7.5	
S.L.	5.2	284.8

	290.00	
7+78		
S.L.	1.0	289.0
cb	3.6	
+5	5.6	
+8	9.6	
¼	9.2	
+3	8.4	
℄	8.4	281.6
+5	8.6	
¼	8.2	
+5	7.7	
+8	8.3	
cb	7.7	
+5	7.7	
N.L.	7.5	282.5
8+00		
N.L.	7.3	282.7
+3	7.6	
cb	7.0	
+5	7.0	
¼	7.5	
+4	7.5	
℄	7.4	282.6
+5	7.6	
+9	8.4	
¼	7.4	

8+00

5¼+2	5.3	
+7	2.2	
cb	1.1	
s.b.	+3.2	293.2
8+25		
s.L.	+4.2	294.2
cb	0.3	
+4	2.2	
+8	6.7	
¼	6.4	
+4	6.6	
℄	6.7	283.3
+2	6.2	
+6	6.6	
¼	6.6	
+3	6.4	
+5	5.9	
+7	6.3	
cb	6.1	
+7	6.2	
N.L.	6.9	283.1

8+50

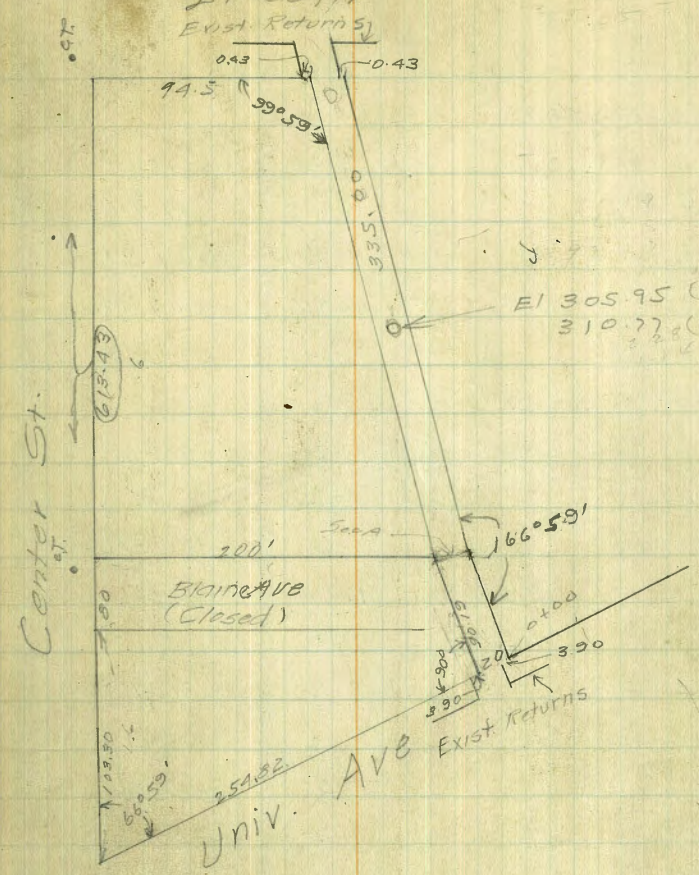
N.L.	5.3	284.7
+4	4.4	
cb	4.6	
+5	4.5	
+8	5.3	
¼	5.6	
+6	5.3	
℄	5.3	284.7
¼	5.5	
+2	6.3	
+7	1.9	
cb	1.0	
S.L.	+2.7	292.7
8+75		
S.L.	+0.6	290.6
cb	1.6	
+1	1.9	
+4	4.4	
¼	4.2	
℄	3.8	286.2
+3	3.9	
¼	3.9	
cb	3.4	
N.L.	3.1	286.9

290.00

8+94 16 = N.L. Altadena

N.L.		2.6	287.4
Cb.		3.3	
+3		3.7	
+6		2.6	
¼		3.1	
+3		3.2	
℄		3.1	286.9
¼		3.2	
+9		3.5	
cb		2.9	
+2		1.9	
S.L.		1.0	289.0
B.M	Nail Pole N.E Wightman & Altadena	1.76	288.24
T.P.	9.49 285.52	12 97	277.03
B.M.	pipe S.W. Wightman & 50th	2.49	283.03
E		5.2	
+		5.0	
F.C.		2.3	
MH		12.1	
	MH	4.94	

58



X sec. Alley Blk 193 Univ. Hts
20' wide As per sketch on P 58.

B.M	10.47	314.35	303.88	BP N.W. Corner Univ.
Neb line Univ.				
top Ech		3.90	310.45	
E.L gut		4.59	309.74	
℄ gut		4.59	309.74	
w.L gut		4.90	309.43	
top web		4.06	310.29	
0+00 = N.L. Univ Ave.				
w.L.		3.68	310.67	
℄		3.75	310.60	
E.L.		3.6	310.8	
T.B.	5.42	308.26	11.51	302.84
0+11				
w.L.		5.2	303.1	
℄		5.2	303.1	
+7		5.0	303.3	
E.L.		5.3	303.0	
M.H at 0+14 1'w. F.L.		12.12	296.14	X
top M.H.		4.82	303.44	X
0+20				
10'E		7.4	300.9	
3'E		7.4	300.9	
E.L.		6.1	302.2	
+3		5.6	302.7	
+4		7.4	300.9	
℄		7.4	300.9	

Jun 26-28
London
Isbell
Morgan.

0+20	308.26		
℄ +6		8.0	300.3
w.L.		8.0	300.3
0+28			
12'w door bldg		8.35	299.91 H
10'w		8.5	299.8
8'w		8.8	299.5
7'w		8.0	300.3
4'w		7.1	301.2
w.L.		6.3	302.0
+4		5.6	302.7
℄		5.4	302.9
+5		5.5	302.8
E.L.		6.4	301.9
3'E		7.1	301.2
10'E		7.5	300.8
0+38			
10'E		7.0	301.3
6'E		6.8	301.5
E.L.		6.3	302.0
+1		5.2	303.1
+5		5.4	302.9
℄		4.7	303.6
+8		4.2	304.1
w.L.		4.4	303.9
3'w		5.2	303.1
8'w		7.5	300.8

Yardage Figured T.G.H.
Checked Gorsuch 6-27-28-
G.B.H.

	308.26		
0+38			
10'W		8.0	300.3
0+56			
10'W		8.5	299.8
7'W		7.8	300.5
W.L.		4.9	303.4
+3		4.4	303.9
℄		4.8	303.5
+4		4.7	303.6
+7		5.3	303.0
E.L.		5.8	302.5
5'E		6.6	301.7
10'E		7.5	300.8
0+65			
10'E		7.8	300.5
7'E		6.9	301.4
E.L.		6.3	302.0
+5		5.2	303.1
℄		5.0	303.3
W.L.		5.4	302.9
8'W		8.1	300.2
10'W		8.3	300.00

	308.26		
0+87.9 = L on E			
10'W		8.6	299.7
4'W		8.1	300.2
W.L.		6.3	302.0
+3		6.1	302.2
+5		5.2	303.1
℄		5.2	303.1
+9		4.6	303.7
E.L.		5.3	303.0
2'E		6.4	301.9
8'E		6.8	301.5
10'E		7.3	301.0
0+90.16 = L on W. Sec A			
E.L.		5.3	303.0
+1		4.8	303.5
℄		5.1	303.2
+7		5.3	303.0
W.L.		7.0	301.3
0+92.47 = C on E			
W.L.		7.1	301.2
+2		6.3	302.0
+5		5.2	303.1
℄		5.1	303.2
+7		4.7	303.6
E.L.		5.3	303.0

1+20	308.26		
5'E		5.5	302.8
3'E		4.9	303.4
E.L.		4.7	303.6
℄		4.2	304.1
+4		4.2	304.1
+9		5.5	302.8
w.L.		5.8	302.5
5'w		6.5	3018
1+34			
5'w		5.6	302.7
w.L.		4.9	303.4
+2		4.6	303.7
+6		3.1	3057
℄		3.6	304.7
+1		4.0	3043
E.L.		3.7	304.6
5'E		4.4	3039
1+42			
5'E		4.3	304.0
E.L.		3.9	304.4
+9		3.7	3046
℄		3.2	3051
+2		3.2	3051
+6		4.1	3042
w.L.		4.3	304.0
5'w		4.7	303.6

1+60	308.26		
5'w		4.0	304.2
w.L.		3.7	3046
+7		3.2	3051
℄		3.5	304.8
+3		3.8	3045
E.L.		4.0	304.3
1+73			
E.L.		3.1	305.2
+4		2.8	3055
℄		2.8	3055
+3		2.8	3055
w.L.		3.1	305.2
1+85 = ℄ Single garage on w.L. earth floor			
		2.7	305.6
2+00			
w.L.		2.1	306.2
℄		1.7	306.6
+7		2.2	306.1
E.L.		2.2	306.1
T.P. 10.20	316.80 ✓	1.66	306.60

316.80

2+14 = send 6 car garage 0.2'E earth floor
8.7 308.1

2+48 = ℄ Same garage on E.L.
8.6 308.2

2+87 = N end Same garage 0.2' in Alley
7.2 309.6

2+41 = S end 4 car garage 0.2' W earth floor
9.2 307.6

2+81 N end Same garage 0.2 in Alley
8.2 308.6

2+30
E.L. 9.0 307.8
℄ 9.4 307.4
+7 9.8 307.0
W.L. 9.7 307.1

2+65
W.L. 8.7 308.1
+3 8.6 308.2
℄ 9.2 308.6
+3 8.1 308.7
E.L. 7.7 309.1

3+00
E.L. 6.1 310.7
+5 6.6 310.2
℄ 6.8 310.0

3+00 316.80
7.1
℄+5 7.1 309.7
W.L. fence floor

2+87 = S end 2 car garage on W.L.
7.07 309.73

3+15 N end Same garage 0.4' W
7.01 309.79

3+11 = S end 4 car garage 2'E earth floor
5.6 311.2

3+55 = N end Same garage 75 E
5.1 311.7

3+35 fence 0.7 in Alley on W.
W.L. 6.3 310.5
+1 5.9 310.9
+3 6.2 310.6
℄ 5.9 310.9
+6 5.9 310.9
E.L. 5.6 311.2

3+56 fence 1.6 in alley on W
E.L. 5.3 311.5
+5 5.3 311.5
℄ 5.0 311.8
+5 5.0 311.8
+8 4.7 312.1
W.L. 5.9 310.9

316.80

3+66	fence	2.8' in Alley on W. (end fence)	
W.L.		5.7	311.1
+2		4.3	312.5
+3		4.4	312.4
+4		4.6	312.2
℄		4.7	312.1
+5		4.9	311.9
E.L.		5.0	311.8
3+76			
E.L.		4.7	312.1
+5		4.7	312.1
℄		4.4	312.4
+6		4.3	312.5
+9		3.3	313.5
W.L.		3.3	313.5
4+00			
W.L.		3.1	313.7
℄		3.7	313.1
+5		3.9	312.9
E.L.		3.9	312.9
4+06 = ℄ Single garage 5' E earth floor			
		3.6	313.2
4+15 = ℄ Single garage 1.1' W earth floor			
		3.1	313.7

316.80

4+18 = S end 2 car garage 13.6' E earth floor		
	2.5	314.3
4+35 N end same garage 16' E		
	2.3	314.5
4+35 = S end 2 car garage 16' E		
	1.4	315.4
4+50 = N end same garage 20' E		
	1.3	315.5
4+50 = ℄ Single garage 8.4' W Porch floor		
	2.78	314.07
4+75		
E.L.	3.2	313.6
+5	3.3	313.5
℄	3.2	313.6
+5	3.1	313.7
W.L.	2.9	313.9
4+50		
W.L.	2.3	314.5
+5	2.5	314.3
℄	2.4	314.4
+5	2.4	314.4
E.L.	2.1	314.7

4+80	316.80		
E.L.		0.9	315.9
+5		1.0	315.8
℄		0.9	315.9
+6		1.3	315.5
W.L.		0.8	316.0
4+78 = S end 2 car garage 2.5 W. earth floor			
		0.6	316.2
4+95 = N end Same garage 2.6' W			
		0.5	316.3
4+82 = ℄ Single garage 2' E earth floor			
		0.8	316.0
T.P. 12.59	328.75	0.64	316.16
5+30			
W.L.		11.4	317.3
+4		11.6	317.2
+5		11.5	317.3
℄		11.4	317.4
+5		11.6	317.2
E.L.		11.3	317.4
5+35 = ℄ Single garage 3' E. Conc floor			
		10.91	317.84
5+44			
W.L.		10.7	318.1
+5		11.0	317.8
℄		11.0	317.8

5+44	328.75		
℄+5		11.2	
E.L		10.6	318.2
5+47 = S end 2 car garage 0.2' W earth floor			
		9.7	319.1
5+73 = N end Same garage 0.2 m. Conc floor			
		9.46	319.29
5+48			
E.L		10.3	318.5
+5		10.9	317.9
℄		10.8	318.0
+6		10.8	318.0
W.L.		9.7	319.1
5+66 = ℄ Single garage 5' E. earth floor			
		8.7	320.1
5+86			
W.L.		8.8	320.0
+5		9.1	319.7
℄		8.9	319.9
+5		8.9	319.9
E.L.		7.9	320.9
6+00			
E.L.		6.8	322.0
+6		7.3	321.5
℄		7.4	321.4
+7		7.8	321.0
W.L.		7.5	321.3

328.75

6+20		
W.L.	6.4	322.4
+6	6.4	322.4
℄	6.3	322.5
+6	5.9	322.9
+7	5.5	323.3
E.L.	5.6	323.2
6+25 = S end 2 car garage on E.L. Conc floor	4.38	324.37 ✗
6+44 = N end Same garage o.1'E		✗
	4.22	324.53
6+40		
E.L.	4.4	324.4
+5	4.5	324.3
℄	5.2	323.6
+8	5.6	323.2
W.L.	5.9	322.9
6+48		
W.L.	5.2	323.6
℄	4.7	324.1
+3	4.1	324.7
+6	3.9	324.9
E.L.	3.9	324.9
M.H. at 6+75 as (E.L.) E of ℄	9.62	319.13 ✗
top of MH.	2.27	326.48 ✗

328.75

P.I. = 332.75

6+75		
E.L.	1.1	327.7
+6	2.0	326.8
℄	2.4	326.4
+2	3.0	325.8
+5	3.1	325.7
W.L.	3.1	325.7
6+94 = S.L. Lincoln on E.		
W.L.	1.1	327.7
+5	0.9	327.9
℄	1.0	327.8
+5	0.7	328.1
E.L.	0.3	328.5
End Section on S.L. Lincoln.		
top E cb	0.13	328.62
E.L. Pav	0.45	328.30
℄ Pav	0.90	327.85
W.L. pav	0.63	328.12
top w cb	0.57	328.18
S cb line Lincoln.		
top e b.w ret	0.82	327.93
gut at W.L.	1.30	
gut at ℄	1.16	
gut at E.L.	0.91	
top cb E ret	0.46	328.29

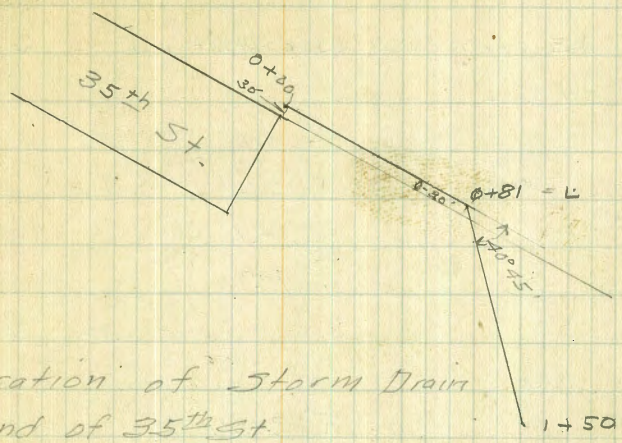
		332.75		
T.P.	1.45	325.00	9.20	323.55
T.P.	1.57	313.54	13.03	311.97
T.P.	5.46	313.26	5.44	308.10
B.M.			5.40	307.86
Top MH	0.96	327.44		326.48
T.P.	1.46	317.32	11.46	315.98
MH 335.00 South				
Top			6.55	310.77
F.L.			11.37	305.95

Profile for Storm Drain at end 35th St.

Jun 26-28
Loudon
Isbell
Morgan.

B.M.	2.46	
0+00		5.1
0+06		7.2
0+15		12.9
T.P.	0.50	12.81
0+23		4.8
0+33		7.8
0+49		13.1
0+66		19.3
0+81 = ℄		22.7
0+96		26.6
1+09		30.3
1+17		32.6
1+23		34.5
1+35		37.3
1+38		39.5
1+41		40.6
1+42		39.2
1+47		40.2
1+47½		42.7
1+48½		42.9
1+49		44.7
1+50		45.0

B.P. SE 35th ℄

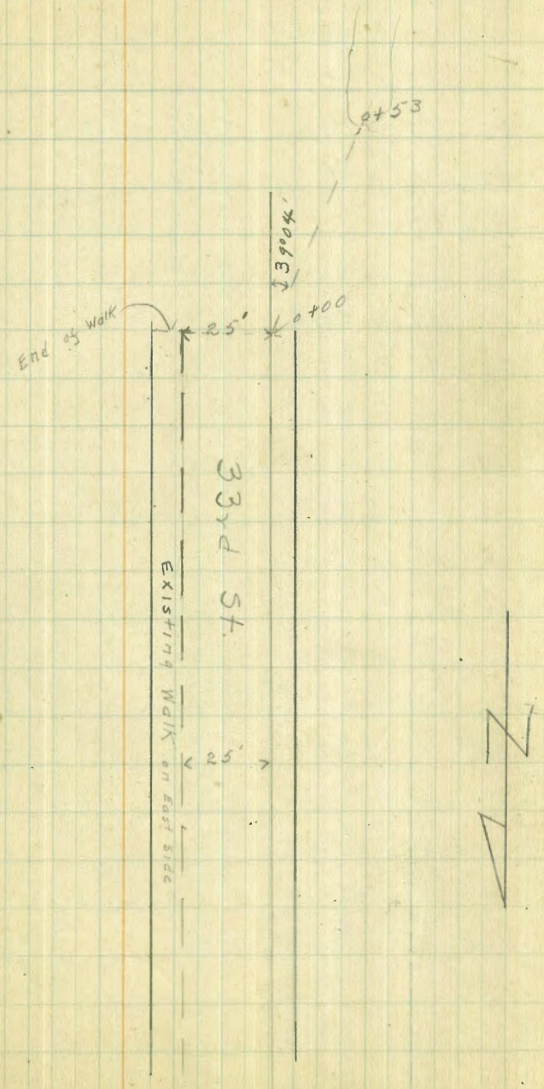


Location of Storm Drain at end of 35th St.

8-2-28
S.C. Bliss
Flood
Rauner

Levels for culvert at 33rd & Hawthorne

B.M. B.P. N.E. corner walk 33rd & Hawthorn				257.84
	+2.65			
Sta	+	Rod	−	
		ℸ 260.49		
0+00 see sketch		4.7		255.8
+11		10.2		250.3
T.P.			-12.85	247.64
	+0+7			
		ℸ 248.11		
0+20		4.4		243.7
0+30		11.0		237.1
T.P.			-12.57	235.54
	+1.23			
		ℸ 236.77		
0+43		6.9		229.9
0+52		15.1		219.7
0+53 : Bottom of ravine		19.4		217.4
T.P.			-0.35	236.42
	+12.86	249.28		
			-0.80	248.48
	+10.95	259.43		
			-1.61	257.82
				257.84
B.M. N.E. B.P. 33rd & Hawthorne				



Profile & Alley between Santa Cruz & Coronado from 50'E of Santa Barbara to 300' W of Froude.

Sw or Coronado & Santa Barbara B.M = 50' E of Santa Barbara.

	11.00	251.17		240.17	
0+00			6.0	2550	245.2
0+10			5.5	2555	245.7
0+20			4.3	2567	246.9
0+35			3.9	2571	247.3
0+48			4.1	2569	247.1
0+50 = E.L. Santa Barbara			4.3	2567	246.9
0+60			5.8	2552	245.4
0+70			5.1	2559	246.1
+ 80 = ℄ Santa Barbara			4.9	2561	246.3
+90			4.9	2561	246.3
+97			5.4	2556	245.8
1+00			5.3	2557	245.9
+20			3.0	2580	248.2
+30			2.5	2585	248.7
1+50			0.0	2610	251.2
TP.	4.80	255.80 ~~265.63~~	0.17	251.00 ~~260.83~~	
1+75			4.0	2616	251.8
2+00			3.5	2621	252.3
2+25			3.3	2623	252.5
2+50			3.6	2620	252.2
2+75			4.0	2616	251.8
3+00			5.0	2606	250.8
3+25			6.2	2594	249.6
+50			7.7	2579	248.1
+75			9.2	2564	246.6

Aug. 25-28

Loudon
Morgan
Isbell.

		255.80 ~~265.63~~			
37.85			9.7	246.1	255.9
4+00			9.6	246.2	256.0
4+25			11.2	244.6	254.4
4+50			12.9	242.9	252.7
4+75		243.04 ~~252.87~~	14.7	241.1	250.9
TP 0.25			13.01		242.79 ~~252.62~~
5+00			3.8	239.2	249.1
5+25			5.4	237.6	247.5
5+50			6.9	236.1	246.0
5+75			8.1	234.9	244.8
6+00			9.8	233.2	243.1
6+25			11.3	231.7	241.6
6+50			12.9	230.1	240.0
TP 1.65		232.00 ~~241.83~~	12.69		230.35 ~~240.18~~
6+75			3.4	228.6	238.4
7+10 - E.L. Guizot			5.7	226.3	236.1
7+21			5.8	226.2	236.0
7+45			7.3	224.7	234.5
7+26			8.5	223.5	233.3
7+29			15.4	216.6	226.4
7+83			15.2	216.8	226.6
7+86			12.3	219.7	229.5
7+40 - ℄ Guizot			12.4	219.6	229.4
7+49			12.8	219.2	229.0
7+52			8.8	223.2	233.0

del 4/6 10'

		232.00								
7+60			8.5	233.3	223.5					
7+70 = m.L Guizot.			9.0	232.8	223.0					
8+00			10.7	231.1	221.3					
8+25			12.0	229.8	220.0					
T.P.	1.17	220.29	12.88	219.12						
8+55			1.6	228.5	218.7					
8+75			2.5	227.6	217.8					
9+00			3.4	226.7	216.9					
9+10			3.6	226.5	216.7					
9+25			4.3	225.8	216.0					
9+50			4.9	225.2	215.4					
9+75			5.4	224.7	214.9					
10+00			6.1	224.0	214.2					
10+25			6.5	223.6	213.8					
10+50			7.0	223.1	213.3					
10+75			8.0	222.1	212.3					
11+00			9.4	220.7	210.9					
11+25			11.3	218.8	209.0					
11+42			13.2	216.9	207.1					
T.P.	0.04	207.57	12.26	207.53						
11+53			1.8	215.6	205.8					
11+57			8.5	208.9	199.1					
T.P.	0.28	195.26	12.59	196.98						
11+59			3.4	201.6	191.9					
11+64			3.9	201.2	191.4					

	195.26				
11+75		11.0	184.3	197.1	
11+93		14.1	181.2	191.0	
11+94		15.4	179.9	189.7	
12+00		16.3	179.0	188.8	
12+37		19.8	175.5	185.3	
12+60		20.8	174.5	184.3	
12+85		15.5	179.8	189.6	
12+90		15.7	179.6	189.4	
13+00		18.1	177.2	187.0	
13+19		17.7	177.6	187.4	
13+30		16.3	179.0	188.8	
13+37		16.4	178.9	188.7	
13+50		18.8	176.5	186.3	
13+58		18.9	176.4	186.2	
13+70 = E.L Froude.		15.9	179.4	189.2	
13+79		14.5	180.8	190.6	
B.M. SE Alley H.6	186.46	1.87 9.87		185.39	
13+95		11.1	175.4	194.0	
14+10		12.6	173.9	192.5	
T.P. 1.35	175.02	12.79		173.67	
14+20		5.6	169.4	179.30	
100 ft at 14+20		14.4	160.6	170.5	
14+30 = m.L Froude		6.5	168.5	178.4	
14+53		9.0	166.0	175.9	
14+65		9.3	165.7	175.6	

Add 10 ft

		175.02 ~~164.85~~			
14+93			9.8	175.1	165.2
15+00			10.5	174.4	164.5
100' N of 15+00			25.3	159.6	149.7
15+10			10.8	174.1	164.2
15+25			11.3	173.6	163.7
15+38			12.9	172.0	162.1
T.P.	0.04	162.16 ~~171.99~~	12.90	162.12 ~~171.95~~	
15+50			2.1	169.9	160.1
15+62			6.2	165.8	156.0
15+63			2.5	164.5	154.7
15+66			8.3	163.1	153.9
+67			9.3	162.7	152.9
+80			12.6	159.4	149.6
+85			13.3	158.8	148.5
+90			15.8	156.2	146.4
100' N at 15+90			23.0	149.0	139.2
15+95			12.9	158.1	148.3
16+05		Beginning of Ditch Main goes thru MH probably main from here to MH at 17+29	12.7	159.8	149.5
16+23			12.1	159.9	150.1
16+35			13.8	158.2	148.4
T.P.	0.64	150.15 ~~159.93~~	12.65	149.51 ~~159.54~~	136.86
16+60			5.2	154.8	145.0
16+80			8.3	151.7	141.9
17+13			14.8	145.2	135.4
TP	0.40	137.60 ~~147.63~~	12.95	137.20 ~~147.03~~	

Aug 26-28
Loudon
Isbell
Morgan

	137.60 ~~147.43~~			
17+29 = M.H.				
F.L.		13.36	124.24	134.07
Top		4.58	133.02	142.85
100' N of M.H.		14.5	123.1	132.9

Profile of ℄ M.H. W of Froude to 50' E of Santa Barbara Alley Between Coronado & Delmar

	188.56 ~~198.39~~	185.39 195.22		
B.M. 3.17				
14+63.5 M.H. W of Froude.				
Top		9.48	179.08	188.91
F.L.		18.54	170.02	179.85
14+45		6.8	181.8	191.6
14+30 = ℄ Froude		6.2	182.4	192.2
14+20		6.2	182.4	192.2
14+15		6.9	181.7	191.5
14+00 = ℄ Froude		6.0	182.6	192.4
13+88		6.1	182.5	192.3
13+84		6.7	181.9	191.7
13+81		5.5	183.1	192.9
13+71		5.1	183.5	193.3
13+50		1.1	187.5	197.3
T.P. 8.90	196.86 ~~206.69~~	0.60		187.96 ~~197.79~~
13+67		7.3	189.6	200.4
13+62		6.5	190.4	201.2
13+40		5.3	191.6	202.4
13+30		4.9	192.0	202.8
13+20		5.7	191.2	202.0

		196.86 ~~206.67~~			
13+10			5.1	202.6	191.8
13+85			4.4	203.3	192.5
12+75			3.2	204.5	193.7
12+71			4.4	203.3	192.5
12+64			3.8	203.9	193.1
12+55			5.0	202.7	191.9
12+50			3.7	203.8	193.0
95's at 12+50			10.7	196.3	186.2
125's at 12+50			25.5	182.2	171.4
12+49			3.7	204.0	193.2
12+48			1.9	205.8	195.0
12+36			2.0	205.7	194.9
12+30			6.5	201.2	190.4
12+18			12.0	195.7	184.9
12+10			12.9	194.8	184.0
TP	4.52	188.38 ~~198.21~~	13.00	183.86 ~~193.67~~	
11+90			12.2	186.0	176.2
11+78			15.2	183.0	173.2
11+60			16.5	181.7	171.9
11+40			16.2	182.0	172.2
70's at 11+40			17.0	181.2	171.4
105's at 11+40			10.0	188.2	178.4
11+10			15.8	182.4	172.6
10+85			14.6	183.6	173.8
10+73			12.1	186.1	176.3

		188.38 ~~198.21~~			
10+60			11.5	176.9	166.7
10+39			5.0	183.4	193.2
10+25			3.1	185.3	195.1
10+00			0.4	188.0	197.8
T.P. 12.62		200.94 ~~210.77~~	0.06		188.32 ~~198.15~~
9+75			9.3	191.6	201.5
9+50			5.4	195.5	205.4
9+25			0.3	200.6	210.5
T.P. 12.46		213.19 ~~223.02~~	0.21		200.73 ~~210.56~~
9+00			9.5	203.7	213.5
8+75			7.1	206.1	215.9
8+65			5.9	207.3	217.1
8+50			1.2	~~212.0~~	222.8
T.P. 12.84		225.99 ~~235.82~~	0.04		213.15 ~~222.98~~
8+38			10.7	~~215.3~~	225.1
8+25			9.8	~~216.2~~	226.0
8+00			8.0	218.0	227.8
7+70 = W.L. Guizot			4.0	222.0	231.8
7+60			4.0	222.0	231.8
7+59			5.0	221.0	230.8
7+40 = ℄ Guizot			3.8	~~222.2~~	232.0
7+27			3.9	~~222.1~~	231.9
7+26			4.5	~~221.5~~	231.3
7+20			4.2	~~221.8~~	231.6
7+20			3.4	~~222.6~~	232.4
7+12			2.6	~~223.4~~	233.2

all off 10

		225.99 ~~235.87~~							249.86 ~~259.67~~			
7+10 = E.L. Guizo +			1.8	234.0	224.2	T.P. 11+82		0.53			249.33 ~~259.16~~
T.P.	13.06	238.82 ~~248.65~~	0.23	225.76 ~~235.59~~		5+25		1.1	250.1	259.9	
7+07			11.4	237.3	227.4	5+00		9.3	251.9	261.7	
6+87			6.4	242.3	232.4	4+75		7.7	~~253.5~~	263.3	
6+81			7.8	240.9	~~231.0~~	4+50		6.2	~~255.0~~	264.8	
6+75			3.9	244.8	~~234.9~~	4+25		5.1	~~256.1~~	265.9	
100' S. of 6+75			12.4	236.5	226.4	4+00		4.0	~~257.2~~	267.0	
6+67			3.4	245.3	~~235.4~~	3+75		3.0	258.2	268.0	
6+66			5.3	243.4	~~233.5~~	3+50		2.3	~~258.9~~	268.7	
6+60			3.0	245.7	235.8	T.P. 3.71	262.50 ~~272.33~~	2.36		258.79 ~~268.62~~	
6+57			4.1	244.6	~~234.7~~	3+25		3.5	259.0	268.8	
6+54			2.3	246.0	~~236.1~~	3+00		3.8	258.7	268.5	
6+50			4.6	244.1	~~234.2~~	2+75		4.5	258.0	267.8	
6+40			2.9	245.8	~~235.9~~	2+50		5.7	~~256.8~~	266.6	
6+25			2.7	246.0	~~236.1~~	2+25		7.2	~~255.3~~	265.1	
6+17			3.5	245.2	~~235.3~~	2+00		9.0	~~253.5~~	263.3	
6+00			2.6	246.1	~~236.2~~	1+75		10.9	251.6	261.4	
100' S at 6+00			8.0	240.7	~~230.8~~	1+68		13.0	249.5	259.3	
5+75	11.31	249.86 ~~259.69~~	0.27	238.55 ~~248.38~~		T.P. 1.87	251.92 ~~261.75~~	12.45		250.05 ~~259.88~~	
5+47			8.0	251.7	241.9	1+50		4.2	247.7	257.6	
5+44			3.3	256.4	246.6	1+35		5.2	246.7	256.6	
5+40			1.9	257.8	248.0	1+10 = W.L. Santa Barbara		7.4	244.5	254.4	
5+37			4.7	255.0	~~245.2~~	1+05		7.7	244.2	254.1	
5+33			4.7	255.0	~~245.2~~	1+00		9.0	242.9	252.8	
5+31			1.8	257.9	~~248.1~~	0+80 = E. Santa Barbara		9.0	242.9	252.8	
						0+60		9.9	~~242.0~~	251.9	

		251.92 ~~261.75~~								
0+50	= E.L. Santa Barbara		8.9	252.9	243.0					
0+25			7.9	251.9	242.0					
0+00	= 50' E of Santa Barbara		11.2	250.6	240.7					
B.M.	Beginning		11.68	240.24 ~~250.07~~	240.24 Initial 07 Error					
	Profile ℄ of Alley between Dal Mar & Orchard.									
SW Santa Barbara & Coronado	50' E of Santa Barbara to MH. W of Fourth.									
B.M.	11.68	251.85 ~~261.68~~		240.17 ~~250.00~~						
T.P.	9.61	259.91 ~~269.74~~	1.55	250.30 ~~260.13~~						
0+00	= 50' E of Santa Bar.		9.4	260.3	250.5					
0+20			8.0	261.7	251.9					
0+40			7.1	262.6	252.8					
0+50	= E.L. Santa Barb.		7.0	262.7	252.9					
0+60			7.1	262.6	252.8					
0+80	= ℄ Santa Barbara		6.6	263.1	253.3					
1+00			6.2	263.5	253.7					
1+04			6.1	263.6	253.8					
1+05	walk		5.57	264.17	254.34					
1+10	= M.L. Santa Barbara		5.5	264.2	254.4					
1+50			3.8	265.9	256.1					
1+60			1.9	267.8	258.0					
1+75			3.7	266.0	256.2					
2+00			4.7	265.0	255.2					
2+25			5.6	264.1	254.3					
2+38			7.4	262.3	252.5					
2+50			7.6	262.1	252.3					
2+60			8.0	261.7	251.9					

				259.91 ~~269.74~~						
2+75					10.2	249.7	259.9			
3+00					12.6	247.3	257.1			
T.P.	0.27		247.83 ~~257.66~~		12.35		247.56 ~~257.39~~			
3+25					3.0	244.8	254.7			
3+35					3.8	r44.0	253.9			
3+50					5.8	r42.0	251.9			
3+75					8.6	r39.2	249.1			
4+00					10.2	r37.6	247.5			
4+25					13.0	234.8	244.7			
T.P.	0.06		235.20 ~~245.03~~		12.69		235.14 ~~244.97~~			
4+50					3.8	r31.4	241.2			
4+75					4.6	r30.6	240.4			
4+90					6.7	r28.5	238.3			
5+00					9.5	r25.7	235.5			
5+25					16.1	r19.1	228.9			
T.P.	0.17		222.37 ~~232.15~~		13.05		222.15 ~~231.98~~			
5+40					8.7	r13.6	223.5			
5+50					9.5	21r.8	222.7			
5+75					12.6	r09.7	219.6			
5+85					13.5	r08.8	218.7			
5+92					13.0	r09.3	219.2			
6+00					13.8	r08.5	218.4			
T.P.	0.11		209.46 ~~219.29~~		12.97		209.35 ~~219.18~~			
6+25					4.6	204.9	214.7			
6+50					7.7	r01.8	211.6			
6+75					11.8	197.7	207.5			

	209.46 ~~+19.29~~ 197.76 ~~207.59~~			196.82 ~~206.65~~			173.17 ~~162.95~~		
T.P. 0.94		12.64			10+59		2.5	170.6	180.5
E.M. both at 7+00		1.78	205.81	195.98	10+68		6.8	166.3	176.2
7+00		3.9	203.7	193.9	10+83		13.3	159.8	169.7
7+08		5.8	201.8	192.0	10+93		15.4	157.7	167.6
7+10 = E.L. Guizot		8.8	198.8	189.0	11+00		16.5	156.6	166.5
7+22		9.5	198.1	188.3	11+27		15.2	157.9	167.8
7+23		10.2	197.4	187.6	11+58		10.6	162.5	172.4
7+40 = ℄ Guizot		10.2	197.4	187.6	11+68		7.5	165.6	175.5
7+58		11.0	196.6	186.8	11+77		3.6	169.5	179.4
7+59		10.5	197.1	187.3	11+83		2.3	170.8	180.7
7+70 = u.L. Guizot		10.7	196.9	187.1	50's at 11+83		9.8	163.8	173.7
	185.40 ~~+5.23~~		185.14 ~~+4.97~~		85's " "		23.6	149.5	159.4
T.P. 0.26		12.67			100's " "		24.2	148.9	158.8
7+81		3.8	191.4	181.6	12+00		2.0	171.1	181.0
8+15		6.9	188.3	178.5	T.P. 1.05	168.37 ~~+7.8.10~~	5.90		167.22 ~~+7.7.05~~
8+45		8.8	186.4	176.6	12+40		2.0	166.3	176.1
8+61		9.2	186.0	176.2	12+65		5.0	163.3	173.1
8+75		10.2	185.0	175.2	13+00		8.5	159.8	169.6
9+00		11.0	184.2	174.4	13+20		9.9	158.4	168.2
9+25		10.2	185.0	175.2	100's at 13+20		18.7	149.6	159.4
9+50		9.0	186.2	176.4	13+45		10.6	157.7	167.5
9+75		10.9	184.3	174.5	13+66		11.4	156.9	166.7
10+00		13.2	182.10	172.2	13+70 = EL. Froude		12.6	155.7	165.5
	178.12 ~~+5.74~~		172.38 ~~+2.21~~						
T.P. 0.74		13.02			13+71		16.8	151.5	161.3
10+25		1.6	180.4	171.5		156.56 ~~+6.37~~			156.08 ~~+6.57~~
10+50		1.6	180.4	171.5	T.P. 0.48		12.19		
100's at 10+50		6.3	176.17	166.8					

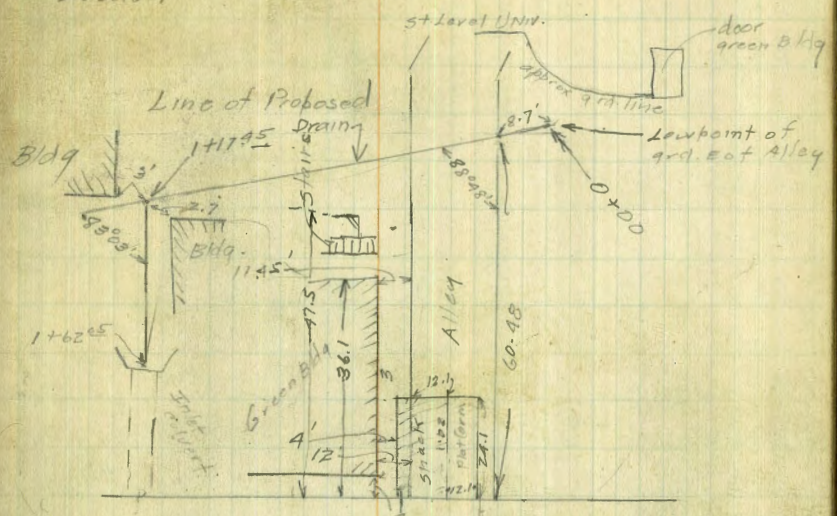
Coll 10

Oct 16-28
Loudon

	156.56 ~~166.39~~			
13+82		5.0	161.4	151.6
13+84		6.8	159.6	149.8
13+85		5.9	160.5	150.7
13+90		5.9	160.5	150.7
14+00 = ℄ Fraudo		5.6	160.8	151.0
14+17		6.6	159.8	150.0
+18		7.1	159.3	149.5
+19		6.0	160.4	N-0.6
14+30		6.1	160.3	150.5
14+33		4.5	161.9	152.1
14+60		7.2	159.2	149.4
14+93 = MH. top.		13.12	143.44 ~~+0.3.27~~	143.44
F.L.		21.88	~~+44.41~~	134.68
100's at 13+90		13.9	152.5	142.7
100's at 14+30		12.3	154.1	144.3
T.P. 13.05	169.09 ~~+28.92~~	0.52	156.04 ~~+05.87~~	
T.P. 12.89	181.66 ~~+41.39~~	0.32	168.77 ~~+30.60~~	
M.H. Alley North.		2.29	179.37 ~~+07.20~~	(103.91)

179.37
179.08
.29
Error

Flush Tank bot of tank



UNIV AVE.

Location of Buildings Alley Blk 193. U.H. and Line for Drain.

Oct 16-28
London

Profile of Proposed Drain

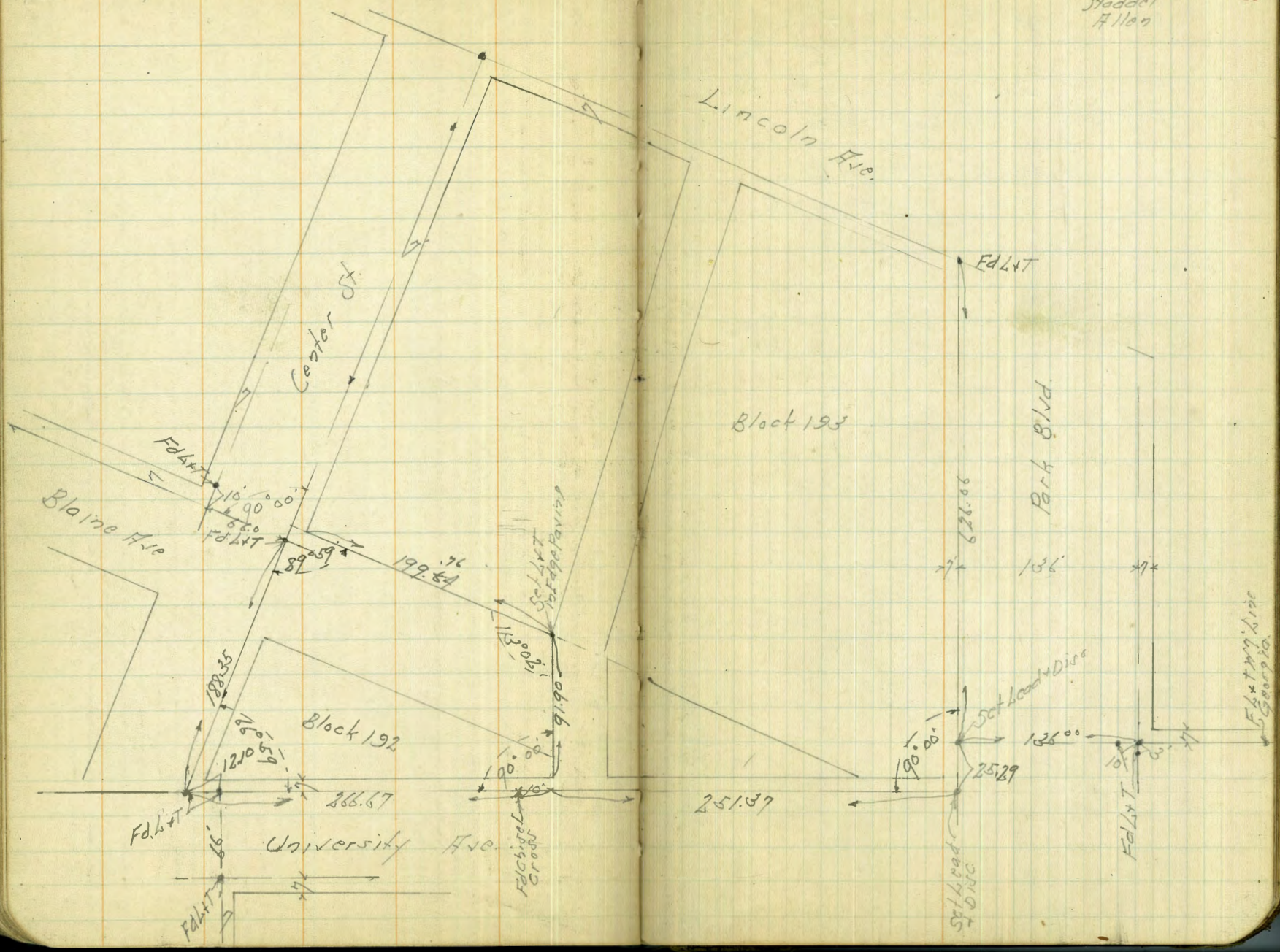
Line shown on P. 76

M.H.	0.21	310.98		310.77	Job middle of alley.
0+00			10.6	300.38	
0+06			9.1	301.88	
0+08			9.2	301.78	
0+17			7.6	303.38	
0+22			8.1	302.88	
0+29			7.8	303.18	
0+36			11.1	299.88	
0+40			11.5	299.48	
0+60			11.7	299.28	
T.P.	2.82	301.82	11.98	299.00	
0+80			3.9	297.92	
1+00			4.7	297.1	
1+15			5.7	296.1	
1+16			5.2	296.6	
1+17.25			5.1	296.7	
1+38			6.2	295.6	
1+47			6.4	295.4	
1+62.25	F.L. Univ Ave Culvert.		8.86	292.96	

Tie Points Norths of University Ave
West of Park Blvd.

Oct. 14. 16
Sisson
McCoy
Haddal
Allen

78



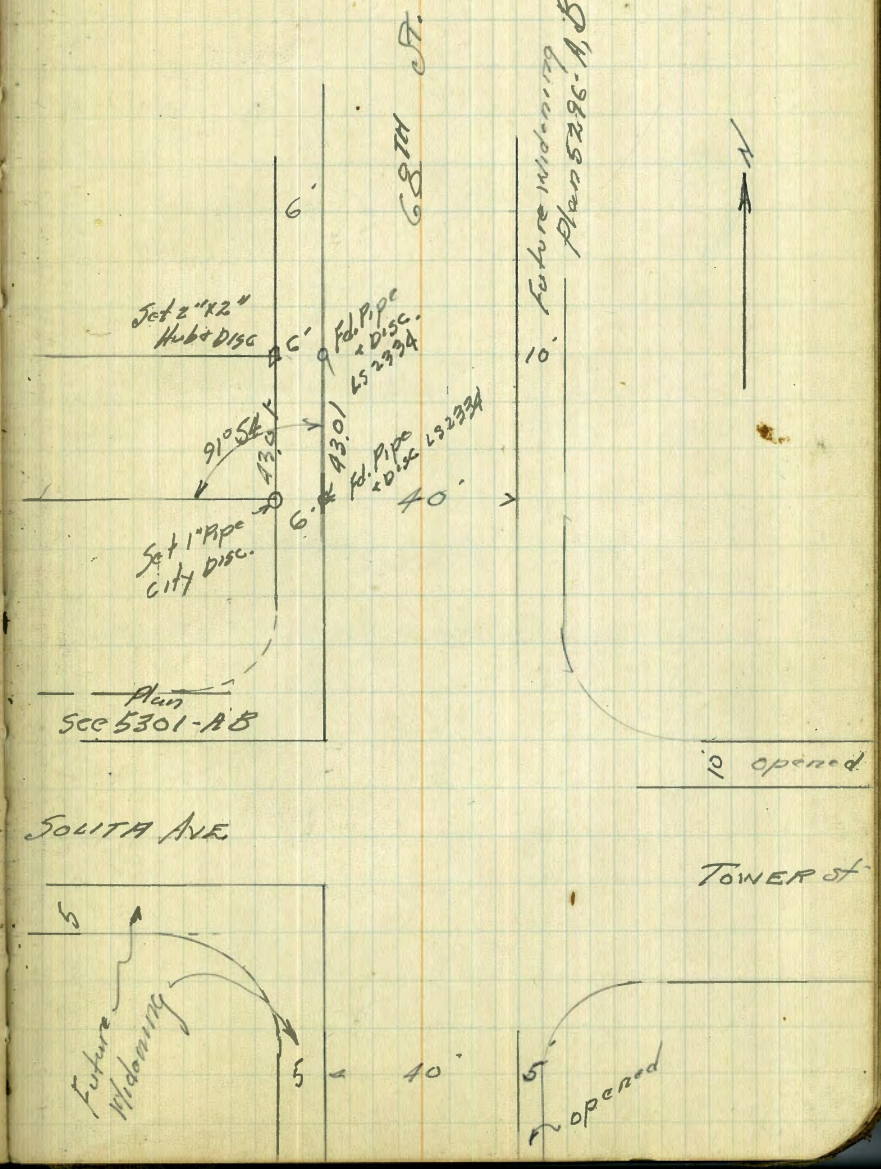
Ties - 68th Street

North of Tower St.
" " Solita Ave.

Points set on Opening line as shown in Sketch

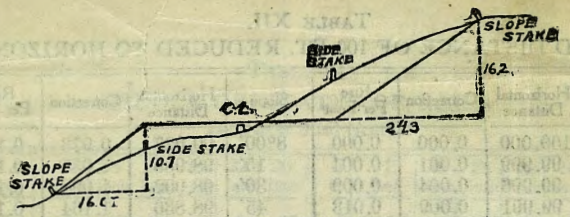
Walker
Pope
Oftinger
Olson
2-3-55

Plan 5296 AB
WO 20575



46-30
47-00
1-33-30
47-00
2-20-30
47
3 01-30

IMPROVED TABLES
AND
INFORMATION



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	.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.