

1149

DEERHORN
TRADE MARK

WATER PROOF
NO. 10



EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and
SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning
Roadway 16 feet wide. Side Slopes 1 on 1.
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to $30.6 = 32.6$. For slopes of 1 on 1 1/2 see inside of back cover.

Copyright, 1914, by Eugene Dietzgen Co.

See Journal C

20' wide Alley BIK 80 UNIV HTS
 bet Campus & Cleveland Meade to Monroe
 BM. 6.40 354.30 347.90 SF Monroe & Cleveland

1/23/26
 meter.

354.30
 78'S

1

00 = S. Line Monroe

W		5.50	48.8	cl + paving
C		5.85	48.4	
E		5.50	48.8	paving
E		5.28	49.0	cmt elev.
	10' S			
E		4.7	49.6	
C		4.7	49.6	
W		4.9	49.4	
	30' S			
W		5.0	49.3	
C		5.1	49.7	
E		5.0	49.3	
	58' S garage on W. cmt floor 6' back			
E		5.2	49.1	
C		5.2	49.1	
W		5.3	49.0	
+0.9		5.37	48.93	cmt approx
+6.0		5.07	49.43	cmt floor

W		4.8	49.5	
C		5.1	49.4	
E		5.1	49.4	
	112' S garage on E. cmt floor 5' Back			
E-S		4.62	49.68	cmt floor
E		4.75	49.55	cmt approx
C		5.2	49.1	
W		5.4	48.9	
	150' S			
W		5.6	48.7	
C		5.6	48.7	
E		5.4	48.9	
	168' S garage on E. cmt. floor 1.0' Back			
E-S		5.70	48.6	cmt floor
E		5.7	48.6	
C		5.5	48.8	
W		5.6	48.7	
	200' S			
W		5.5	48.8	
C		5.5	48.8	
E		5.7	48.6	

	354.30			
	218'.5			
E		5.9	48.4	
E		5.5	48.8	
W		5.3	49.0	
	230'.5			
W		5.9	48.4	
E		5.9	48.4	
E		6.0	48.3	
257'.5 garage on W 9'.0 Back				
267'.5 garage on E emb floor 1'.9 Back				
E-1.7		5.15	48.5.5	floor
E		6.0	48.3	
E		6.0	48.3	
W		5.8	48.5	
T.P.	4.05	352.37	5.98	348.32
280'.5 garage on E emb floor 2'.0 Back				
E-2		4.30	48.1	
	300'.5			
W		4.3	48.1	
E		4.3	48.1	
E		4.5	47.9	

	352.37			
711 by BIK 8021.H.				
340'.5 garage on W emb floor 2'. Back				
E		3.9	48.5	
E		4.5	47.9	
W		4.6	47.8	
r2		4.53	47.84	floor
360'.5 garage on W dirt floor 1'.0 Back				
W-1		4.6	47.8	floor
W		4.6	47.8	
E		4.6	47.8	
E		4.8	47.6	
	380'.8			
E		4.5	47.9	
E		4.5	47.9	
W		4.7	47.7	
432'.5 garage on E emb floor 5'. back				
W		4.9	47.5	
E		4.8	47.6	
E		4.6	47.8	
+5		4.50	47.9	floor

352.37
470'S

E	4.7	47.7
E	4.9	47.5
W	5.3	47.1
507'S	garage on W. dirt floor	5' Back
	" " " "	6' "
W-5	4.9	47.5
W	5.0	47.4
E	4.9	47.5
E	4.7	47.7
+6	4.3	48.1

550'S

E	4.5	47.7
E	4.8	47.6
+6	4.8	47.6
W	4.3	48.1

595'S

W	4.9	47.5
+2	5.3	47.1
E	5.3	47.1
E	4.9	47.5

352.37
600'S = N. Line Meade

All by BIK 80 2, H.

3

E	5.31	47.0	emt el
E	5.44	46.93	paving
E	5.76	46.61	"
W	5.63	46.74	"
W	5.47	46.9	emt el
T.P.	5.40	352.11	5.66 346.71
chk BM.			4.21 347.90 = 348.00
chk BM.			6.42 345.69 345.72

NE Meade & Camillus
S.E. Meade & Cleveland

20' wide

Haley Bldg 48 Univ H's

7 Sec from N. Line Monroe to S. Line Madison

1/27/60

326.80

15' N

4

B.M.

219

326.80

324.61

SE Alabama
& Monroe

W

4.4

322.4

00 = N. Line Monroe

E

4.25

322.55

cmt cl

+1

6.6

20.2

E

4.5

rr. 3
ground

+3

7.7

19.1

C

4.4

22.4

+8

7.1

19.7

W

4.53

rr. 27
cmt cl

E

6.1

20.7

4' N

+5

6.0

20.8

W

5.0

21.8

40' N

C

4.9

21.9

-5

5.9

20.9

+6

5.2

21.6

E

6.4

20.4

E

6.2

20.6

+2

7.0

19.8

+5

6.4

20.4

C

7.2

19.6

7' N = New 1'-9" calamine pipe culvert 317.90

+9

6.6

20.2

7.5 W of E

8.90

Fluorine

W

4.1

22.7

9' N

60' N

S. end sheds garage built in Haley
Facing North

E-3

5.9

20.9

W

4.0

322.8

E

7.3

19.5

+1

5.9

20.9

C

7.5

19.3

C

6.8

20.0

+8

8.9

17.9

+7

6.7

20.1

+9

6.6

20.2

E

6.4

20.4

W

4.4

22.4

+5

6.1

20.7

326.80
T.P. 8.68 329.54 ✓ 5.94 320.86

75' N N. end shack

-5 8.7 20.8

E 8.8 20.7

C 8.9 20.6

+9 8.9 20.6

W 6.5 323.0

76' N

-5 7.7 21.8

W 8.4 21.1

C 8.9 20.6

E 8.8 20.7

+5 8.7 20.8

105' N

-3 7.9 21.6

E 8.1 21.4

C 8.4 21.1

+8 8.3 21.2

W 7.8 21.7

+2 7.3 22.2

329.54

AN 4 BIK 48 24.H.

5

125' N

8.4 21.1

7.9 21.6

7.8 21.7

7.5 22.0

7.3 22.2

180' N

6.1 23.4

6.3 23.2

6.3 23.2

7.3 22.2

200' N

6.7 22.8

6.2 23.3

6.0 23.5

6.1 23.4

225' N

5.6 23.9

5.6 23.9

5.8 23.7

5.8 23.7

329.54
260' N garage on W dirt floor 1.0 pack
W 5.9 323.6 floor

+5 5.4 24.1
E 5.4 24.1
E 5.5 24.0

300' N

E 4.6 24.9
E 4.6 24.9
+5 4.8 24.7
W 5.9 23.6
+5 4.0 23.5

330' N

-5 6.0 23.5
W 5.9 23.1
+2 4.9 24.6
E 4.5 25.0
E 4.5 25.0

336' N

E 4.5 25.0
E 4.5 25.0
W 5.0 24.5

329.54 Alley/31x48 U.H.
347' N

-5 5.7 323.8
W 5.7 23.8
+4 4.8 24.7
E 4.5 25.0
E 4.4 25.1

360' N garage on W dirt floor 1.0 pack

E 4.2 25.3
E 4.3 25.2
+4 4.4 24.9
W 5.0 24.5 floor

400' N

-5 5.4 24.1
W 4.5 25.0
+6 3.6 25.9
E 3.5 26.0
E 3.2 26.3

445' N

E 1.8 27.7
E 2.0 27.5
+4 2.2 27.3
W 2.9 26.6
+5 3.7 25.8

		329.54		
T.P.	6.33	334.04 ✓	1.83	327.71
	460' N double garage on E emt. floor on line			
W			6.6	27.4
E			6.1	27.9
E			6.1	27.9 floor
	468' N garage on W mud floor on line			
E			5.9	28.1
E			5.8	28.2
W			6.145	327.9 mud floor
	900' double garage on E emt floor on line			
	490' N S. end 4 garages on W. emt floors 5' Back			
W-5			5.4	28.6 floor
W			5.9	28.1
E			5.8	28.2
E			5.4	28.6 floor
	N. end 4 garages on W. 5' Back			
	525' N. " 1 " " E on line emt floor			
E			4.95	29.1 floor
E			4.9	29.1
W			5.2	28.8
W			5.3	28.7 floor

		334.04		Alley B1/K48 2 ft.
	340' N garage on W Lime wood floor			
W			4.4	329.6 floor
E			4.7	29.3
E			4.9	29.1
	545' N garage on E wood floor 0.3 in Alley			
E			4.5	29.5 floor
	540' N garage on W. emt floor 1.3 Back			
E			4.4	29.6
E			4.5	29.5
W			4.6	29.4 floor
	600' N = S. Line Madison			
W			4.04	30.0 emt cl
E			4.3	29.7
E			4.2	29.8 dirt
E			3.81	30.23 emt cl
T.P.	5.02	334.73	4.33	329.71
CHK BM			5.62	329.11 = 329.09

20' wide

BIR 165 UNIV HTS X Sec
from N. Line Linden to S. Line PolkSW. 1/4 Tack
30th + Linden

366.94

60. N

8

EM.	5.91	366.94	361.03
		00: N. Line Linden	
E		4.78	362.16 ✓ cont'd
+5		5.4	61.5 ✓
E		5.3	61.6 ✓
+7		5.1	61.8 ✓
W		4.69	62.25 ✓ cont'd
		7. N	
W		3.9	63.0 ✓
+3		5.0	61.9 ✓
E		4.9	62.0 ✓
+6		4.7	62.2 ✓
E		3.8	63.1 ✓
		25. N	
E		3.7	63.2 ✓
+4		3.6	63.3 ✓
+5		4.1	62.8 ✓
E		4.1	62.8 ✓
+7		4.2	62.7 ✓
W		3.7	63.2 ✓

W			3.7	63.2 ✓
E			3.5	63.4 ✓
E			3.5	63.4 ✓
		69 N - garage on W dirt	3.6	Back
W-3.6			2.8	64.1 ✓ dirt floor
		87' N - double garage on E S. dirt N cont	0.6	in Alley
E			3.0	63.9 ✓
E			3.1	63.8 ✓
W			3.2	63.7 ✓
		120' N. garage on E dirt floor	0.6	in Alley
W			2.9	64.0 ✓
E			2.8	64.1 ✓
E			2.9	64.0 ✓
		160. N		
E			2.2	64.7 ✓
E			2.4	64.5 ✓
W			2.3	64.6 ✓
		200. N		
W			1.7	65.2 ✓
E			2.2	64.7 ✓
E			1.8	65.1 ✓

366.94
 T.P. 6.07 371.34 1.67 365.27 ✓

225' N-S. end 3 garages on E. emb floor 1.9 Back
 W 6.2 65.1 ✓
 C 6.1 65.2 ✓
 E 6.03 65.31 ✓ emb apron
 +1.9 5.95 65.39 ✓ " floor

250' N
 E 5.97 65.37 ✓ emb apron
 C 5.90 65.4 ✓
 W 5.7 65.6 ✓

270' N-N. end 5 garages on E
 W 5.8 65.5 ✓
 C 5.8 65.5 ✓
 E 5.46 65.48 ✓ emb apron
 +1.9 5.79 65.55 ✓ " floor

300' N
 E 5.5 65.8 ✓
 C 5.4 65.9 ✓
 W 5.6 65.7 ✓

371.34 131465 U.H. 9

312' N- double garage emb floor 2.8 Back
 W 5.7 65.6 ✓
 C 5.5 65.8 ✓
 E 5.46 65.88 ✓ emb apron
 +2.8 60.04 ✓
 5.30 " floor

350' N
 E 5.7 65.6 ✓
 C 5.4 65.7 ✓
 W 5.3 66.0 ✓

385' N
 W 4.5 66.8 ✓
 C 5.2 66.1 ✓
 E 5.3 66.0 ✓

408' N
 E 5.3 66.0 ✓
 C 4.8 66.5 ✓
 W 4.7 66.6 ✓

420' N
 W 4.7 66.6 ✓
 C 4.6 66.7 ✓
 E 4.1 67.2 ✓

371.34
+45' N

E 5.0 66.3 ✓

E 4.7 66.6 ✓

W 5.1 66.2 ✓

452' N

W 5.0 66.3 ✓

E 4.4 66.9 ✓

E 5.0 66.3 ✓

470' N

E 5.1 66.2 ✓

C 5.2 66.1 ✓

W 5.1 66.2 ✓

490' N

W 5.1 66.2 ✓

C 5.1 66.2 ✓

E 5.0 66.3 ✓

500' N

E 4.7 66.6 ✓

C 4.4 66.9 ✓

W 4.1 67.2 ✓

Blk 165' U.H.

10

W+4.5 507' N garage on W dirt floor 4.5 Back 4.2 67.1 ✓ floor

557' N garage on W dirt floor 1.7 Back

W-1.7 3.9 67.4 ✓ dirt floor

W 4.4 66.9 ✓

C 4.7 66.6 ✓

E 4.9 66.4 ✓

590' N

E 4.5 66.8 ✓

C 4.9 66.4 ✓

W 4.5 66.8 ✓

600' N S. Line Polk

W 4.78 66.56 ✓ dirt el.

W 5.2 66.1 ✓ dirt

C 5.6 65.7 ✓

E 5.6 65.7 ✓ ground

E 5.74 66.10 ✓ dirt el.

20' wide BIK G. WATKINS & Biddle X 500' from
E. Line 31st 7375.1 East

1/27/26
mill
N.E. 31st
+ Juniper

BM	3.97	291.04	287.07	
		00' E. Line 31st St	291.0	
N		6.14	284.90	emt. cl.
N		6.32	284.72	paving
C		6.61	284.43	"
S		6.41	284.63	"
S		6.32	284.72	emt. cl.
		6' E		
S		5.6	285.4	
C		5.3	285.7	
N		4.9	286.1	
		55' E Garage on S. dirt floor 2.7' Back		
N		5.1	285.9	
C		4.9	286.1	
S		5.0	286.0	
+2.7		5.0	286.0	floor
		80' E		
S		4.6	286.4	
C		4.3	286.7	
N		4.6	286.4	

291.04

11

109' E garage on S. emt floor 7.0' Back

		291.0	
S-7	4.8	286.2	
S	5.0	286.0	
C	4.4	286.6	
N	4.8	286.2	

155' E garage on S. dirt floor full of fire wood 7.0' Back

N	4.9	286.1	
C	4.7	286.3	
S	4.8	286.4	floor

200' E

S	5.0	286.0	
C	5.0	286.0	
N	5.0	286.0	fence 1.0 in alley

235' E double garage dirt floors 1.0' in alley

N	5.6	285.4	
C	5.6	285.4	
S	5.8	285.2	

257' garage on S. dirt floor 2.0' Back
" " N " " 0.2' in alley

S	6.2	284.8	floor
C	5.9	285.1	
N	6.0	285.0	floor

291.04

275' E

N	6.4	291.0 284.6
E	6.3	284.7
S	6.3	284.7

308' E garage on S. dirt floor 5' Back

S-5	8.2	282.8 floor
S	7.5	283.5
E	6.9	284.1
N	6.6	284.4

340' E

N	7.0	284.0
E	7.3	283.7
S	8.4	282.6

352' E garage on N. dirt floor 0.2' Back

S-5	9.7	281.3
S	7.1	281.9
E	7.9	283.1
N	7.1	283.9 floor

376' E - Top of camp about 20' deep

N	9.9	281.1
E	10.0	281.0
S	10.0	281.0

291.04

375' E

B/K 6. Warkins + Biddle

S	11.6	291.0 279.4
E	12.1	278.9
N	12.1	278.9

12

20' wide

Filley Bk E. Watkins & Biddle

1/27/26

279.60

13

E. line 31stS.E. 31st
& Hawthorne

BM.	1.55	279.60	278.05	
				00 = E. line 31 st St.
N		5.70	✓ 73.9	cont cl
N		6.01	✓ 72.6	paving
C		6.71	✓ 71.9	"
S		6.63	✓ 72.0	"
S		6.50	✓ 73.1	cont cl
	6' E			
S		3.9	✓ 75.7	✓
T1		3.9	✓ 75.7	
T2		5.8	73.8	
C		5.7	✓ 73.9	✓
T9		5.5	✓ 74.1	✓
N		3.8	✓ 75.8	✓
	25' E			
N		3.3	✓ 76.3	✓
T1		3.9	✓ 75.7	✓
C		4.2	✓ 75.5	✓
T6		4.0	✓ 75.6	✓
S		3.6	✓ 76.0	✓

	45' E garage on S dirt floor	5' Back		
S-S		3.5	✓ 76.1	✓
S		3.3	76.3	✓
C		3.0	76.6	✓
T9		3.1	76.5	
N		2.8	76.8	✓
T11	on cont Runway to garage 2.68 at station 81' E		76.9	✓
	81' E garage on N facing W cont floor	23' Back		
N		2.04	✓ 77.6	cont floor
C		2.2	77.4	✓
S		2.4	77.2	✓
	92' E garage on S. cont floor	25' Back		
S-25		2.3	77.3	floor
S		2.3	77.3	✓
	140' E double garage on N. dirt floor	22' Back		
S		1.7	77.9	✓
C		1.4	78.2	✓
N		1.4	78.2	✓
	160' E garage on N dirt floor	25' Back		
N		1.2	78.4	floor
C		1.2	78.4	✓
S		1.2	78.4	✓

Plotted
by
2/2/26

		279.60		
	205' E garage on N dirt floor	1.7 Back		
S		0.7	✓ 78.9	floor
E		0.6	✓ 79.0	
N		0.4	✓ 79.2	
T.P.	5.92	285.15	0.37	279.23
	245' E garage on S dirt floor	0.4 Back		
N		5.6	✓ 79.6	
E		5.7	✓ 79.5	
S		5.8	✓ 79.4	floor
	garage on N dirt floor	2.2 Back		
	270' E double garage S	" " 0.2 in alley		
S		5.3	✓ 79.8	floor
E		5.3	✓ 79.8	
N		5.0	✓ 80.2	floor
	315' E			
N		4.5	✓ 80.6	
E		4.5	✓ 80.6	
S		4.5	✓ 80.6	
	360' E			
S		4.6	✓ 80.6	
E		4.6	✓ 80.6	
N		4.4	✓ 80.8	

		285.15		
	400' E			
N		4.6	✓ 80.6	
E		4.9	✓ 80.3	
S		5.1	✓ 80.1	
	425' E garage on N cmt floor	7.7 Back		
S		5.0	✓ 80.2	
E		4.9	✓ 80.3	
N		4.6	✓ 80.6	
+7.7		4.5	✓ 80.6	floor
	442' E garage on S cmt floor	2.0 Back		
S-2		4.5	✓ 80.6	
	460' E			
N		4.9	✓ 80.2	
E		4.7	✓ 80.4	
S		4.4	✓ 80.7	
	garage on N dirt floor	8.2 Back		
	492' E " " S cmt " "	1.2 " "		
S		4.2	281.0 ✓ 80.9	floor
E		4.3	✓ 80.8	
N		4.4	✓ 80.7	
+8.2		4.7	✓ 80.5	floor

285.15

510' E garage on S. ext floor 1.2 Back

N	4.5	✓ 80.6	✓
E	4.3	80.8	✓
S	4.2	80.9	✓
1.2	4.0	81.1	✓ floor

550' E

S	4.0	81.1	✓
E	3.8	81.3	✓
N	4.0	81.1	✓

600' E = W line 3.2nd

N	3.5	✓ 81.6	✓
E	3.5	81.6	✓
S	3.5	81.6	✓

B1K 2 W. 4.13

15

Alley BIK 15 Units
 Madison To Adams bet. Oregon + Idaho

1/29/26
 Miller
 S.E. Madison
 + Oregon

384.81
 125' N

16

E.M. 3.76 384.81 381.05

00' N. Line Madison

W		4.22	380.6	cmt cl
H1		4.8	80.0	
E		4.8	80.0	
H9		4.9	79.9	
E		4.27	80.5	cmt cl

PLOTTED
 Larry

40' N garage on E. cmt floor 5.2 Back

E-5.2		4.75	80.06	floor
E		4.89	79.92	cmt apron
E		4.7	80.1	
W		4.5	80.3	
	90' N			
W		4.7	80.1	
E		4.7	80.1	
E		4.9	79.9	

garage on E dirt floor 0.2 in alley

107' N				
E		4.4	80.4	floor
E		4.5	80.3	
W		4.4	80.4	
H4		4.2	80.6	floor

W		4.1	380.7	fence
E		4.2	80.6	
E		4.2	80.6	

165' N

E		4.1	80.7	
E		4.0	80.8	
W		4.0	80.8	

190' N garage on W. cmt floor 3.0 Back

W-3		3.4	81.4	floor
W		3.8	81.0	
E		4.1	80.7	
E		4.2	80.6	
	220' N			
E		4.0	80.8	
E		3.8	81.0	
W		4.2	80.6	

270' N garage on E dirt floor 5' Back

W		3.0	81.8	
E		3.1	81.7	
E		2.9	81.9	

alley fence

384.81
300' N

E		2.4	84.0	
E		2.5	84.3	
W		2.6	84.4	
T.P.	6.42	388.58	2.65	382.16
	garage on W dirt floor 2' Back			
357' N		E amt	3.3	
W-2		5.7	84.9	floor
W		5.4	83.4	
E		5.7	84.9	
E		5.8	84.8	
+3.3		5.75	84.83	floor
	382' N garage on E amt floor 3.5 Back			
-3.5		5.6	83.0	
E		5.8	84.8	
E		5.5	83.1	
W		5.6	83.0	
	410' N			
W		5.4	83.4	
E		5.4	83.4	
E		5.5	83.1	
	422' N garage on W dirt floor 2.0 Back			
W+2.0		5.0		

388.58
4.40' N

BK 15 21.4

E		4.9	83.7	
E		4.8	83.8	
W		4.7	83.9	
	4.55' N			
W		4.8	83.8	
E		4.9	83.7	
E		5.1	83.5	
	4.95' N			
E		4.9	83.7	
E		4.6	84.0	
W		4.3	84.3	
	515' N double garage on W amt floors 1.6 Back			
		" E "	" 7.5 "	
W		4.2	84.4	floor
E		4.4	84.2	
+7		4.5	84.1	
E		3.9	84.7	
+7.5		3.1	85.5	floor
	535' N			
E		3.9-	84.7	
E		4.1	84.5	
W		4.1	84.5	

388.58

580' N

W	3.6	85.0
C	3.6	85.0
E	3.5	85.1

595' N

E	3.7	84.9
C	3.7	84.9
W	3.7	84.9

600' N = S. Line Adams Ave

W	3.72	84.86	cont'd
W	3.88	84.70	paving
C	4.18	84.40	"
E	3.85	84.73	"
E	3.74	84.84	cont'd

B/K 15 U.H.

18

Alley Bldg 4. 2111y Hts
X Sec Adams to Madison bet Park Blvd & Georgia

360.03
130'S

B.M.	5.45	360.03	354.58	1/261.6 width Georgia N.B. Adams & Park Blvd	E	5.4	54.6	
		00 = E. Line Adams			E	5.4	54.6	
W		4.70	355.3	on paving	W	5.4	54.6	
E		4.95	55.08	paving		140'S		
E	Plotted Larry	4.87	55.16	cl & paving	W	5.5	54.5	
E		50'S			E	5.9	54.1	
E		5.2	54.8		E	5.5	54.5	
E		4.7	55.3					144'S = N. line Paving at Spaulding Court
W		4.8	55.2		E	5.34	54.67	on paving
	ent runway to garage on E 57'S S. end ent walk 2 1/2 wide all in alley on W N. end at Adams				E	5.2	54.75	" "
W		4.80	55.2	on ent walk	W	5.33	54.70	" "
E		4.7	55.3			154'S = E Court		
E		5.25	54.78	ent drive	W	5.61	54.42	" "
	12'S garage on W. ent floor R.O. Back				E	5.55	54.45	" "
E		4.9	55.1		E	5.58	54.45	" "
E		4.7	55.3					144'S = S. line Court
W		4.9	55.1	ent approx 1.0 in alley	E	5.46	54.57	
		100'S			E	5.36	54.67	
W		5.2	54.8		W	5.47	54.56	
E		5.1	54.9					
E		5.4	54.6					

360.03
180' S

W	5.4	54.6
E	5.2	54.8
E	5.3	54.7

210' S

E	5.5	54.5
C	5.2	54.8
W	5.6	54.4

T.P. 388 358.67 5.24 354.79

garage on W 17.0 Back
250' S = " E dirt floor 0.3 in alley

W	4.2	54.5
E	3.9	54.8
E	4.1	54.6 floor

garage on W 15.0 Back
300' S = " E dirt floor 0.3 in alley

E	4.6	54.0 floor
C	4.3	54.4
W	4.6	54.1

335' S. garage on E wood floor on line

W	5.0	53.7
C	4.5	54.2
E	4.6	54.1 floor

358.67

BIK 24. 21. H.

373' S garage on E 2nd floor 2.0 Back

E-2	4.80	53.9
E	4.9	53.8
C	4.8	53.9
W	4.9	53.8

435' S

W	5.8	52.9
C	5.4	53.3
E	5.1	53.6

460' S

E	5.7	53.0
C	6.0	52.7
W	6.2	52.5

466' S = N Line Madison

W	6.93	51.74 cont'd
C	6.6	52.10
E	6.66	52.01 cont'd

Alley BIK 46 Univ HTs 1/29/46
 7 Sec Madison to Monroe But Park Blvd & Georgia

358.67 Page 20

00 = S. Line Madison

E 7.20 351.47 emtbl

H 7.7 51.0

C 7.7 51.0

Hg 7.6 51.1

W 7.33 51.34 emtbl

15' S

W 7.3 51.4

C 7.4 51.3

E 7.1 51.6

50' S

E 7.4 51.3

C 7.5 51.2

W 7.4 51.3

100' S

W 7.5 51.2

C 7.4 51.3

E 7.4 51.3

T.P. 3.04 354.33v 7.38 351.89v

Plotted
Larry

354.33

125' S = N. end Triple garage on W. emtbl floor on line **21**
 W 3.1 351.2 floor

140' S = garage on E emtbl floor 0.8' Back

E-08 3.0 51.3

S. end Triple garage
 150' S. N " 4 garages on W. emtbl floors 3' 0" Back

E 3.4 50.9

C 3.5 50.8

W 3.6 50.7

W 3.3 51.0

H 3.5 50.8

188' S = S. end 4 garages

W-3 3.5 50.8 floor

W 3.7 50.6

C 3.8 50.5

E 3.6 50.7

205' S garage on E emtbl floor 0.8' Back

E-08 3.4 50.9 floor

E 3.7 50.6

C 4.0 50.3

W 4.2 50.1

ground yardage
 floor of
 Triple garage
 floor of
 4 garages

354.33

260's double garage on W dirt floor 3.0 Back

W-3	4.6	349.7
W	4.8	49.5
E	4.6	49.7
E	4.6	49.6

290's double garage on E dirt floor 0.8 Back

E-0.8	4.2	50.1
E	4.5	49.8
E	5.0	49.3
W	5.0	49.3

315's double garage on W dirt floor 3.0 Back

W-3	5.2	49.1	floor
W	5.2	49.1	
E	5.0	49.3	
E	4.7	49.6	

360's garage on W dirt floor 0.8 Back

E	5.6	48.7	
E	5.8	48.5	
W	5.7	48.6	floor

354.33

BIR 46 21 H,

385's double garage on W dirt floor 4.0 Back

W-4	6.0	48.3	floor
		400's	
W	6.2	48.1	
E	6.4	47.9	
E	5.9	48.4	

420's garage on E dirt floor 0.2 Back

E-0.2	6.3	48.0	floor
-------	-----	------	-------

440's double garage dirt floor 3.0 Back

E-3	6.2	48.1	floor
E	6.6	47.7	
E	6.7	47.6	
W	6.9	47.4	

460's double garage on E dirt floor 3.0 Back

E-3	6.6	47.7	floor
-----	-----	------	-------

485's double garage on W dirt floor 4.0 Back

W-4	7.2	47.1	floor
W	7.2	47.1	
E	7.0	47.3	
E	7.0	47.3	
E-3	7.0	47.3	floor

22

354.33
 510'S garage on E dirt floor 0.8 Back
 E 7.0 347.3 floor
 C 7.0 47.3
 W 4.7 47.6
 T.P. 3.63 350.81 7.15 347.18v

528'S garage on W dirt floor 1.0 Back
 W-1 3.7 47.1 floor
 W 3.7 47.1
 C 3.6 47.2
 E 3.5 47.3

545'S

E 3.6 47.2
 C 3.9 46.9
 T 8 3.5 47.3
 W 2.9 47.9

garage on W dirt floor 1.3 Back
 558'S " E " " 1.0 "
 W 4.0 46.8 floor
 C 3.7 47.1
 E 3.6 47.2 floor

350.81

BIK 46. 21. H.

600'S = N. Line Monroe Ave

E 3.6 347.2
 C 3.6 47.2
 W 3.7 47.1

4'S = N. end of alley returns

W 3.91 46.90 amt. of.
 E 3.68 47.13 amt. of.
 T.P. B.M. 5.89 344.92 344.92 Park 13/100
 S.E. Monroe

~~Alley BIK 77. Univ HTs
Monroze to Mission bet Park Blvd & Georgia~~

~~B.M.~~

~~344.98~~

~~S.E. Monroze
& Park Blvd.~~

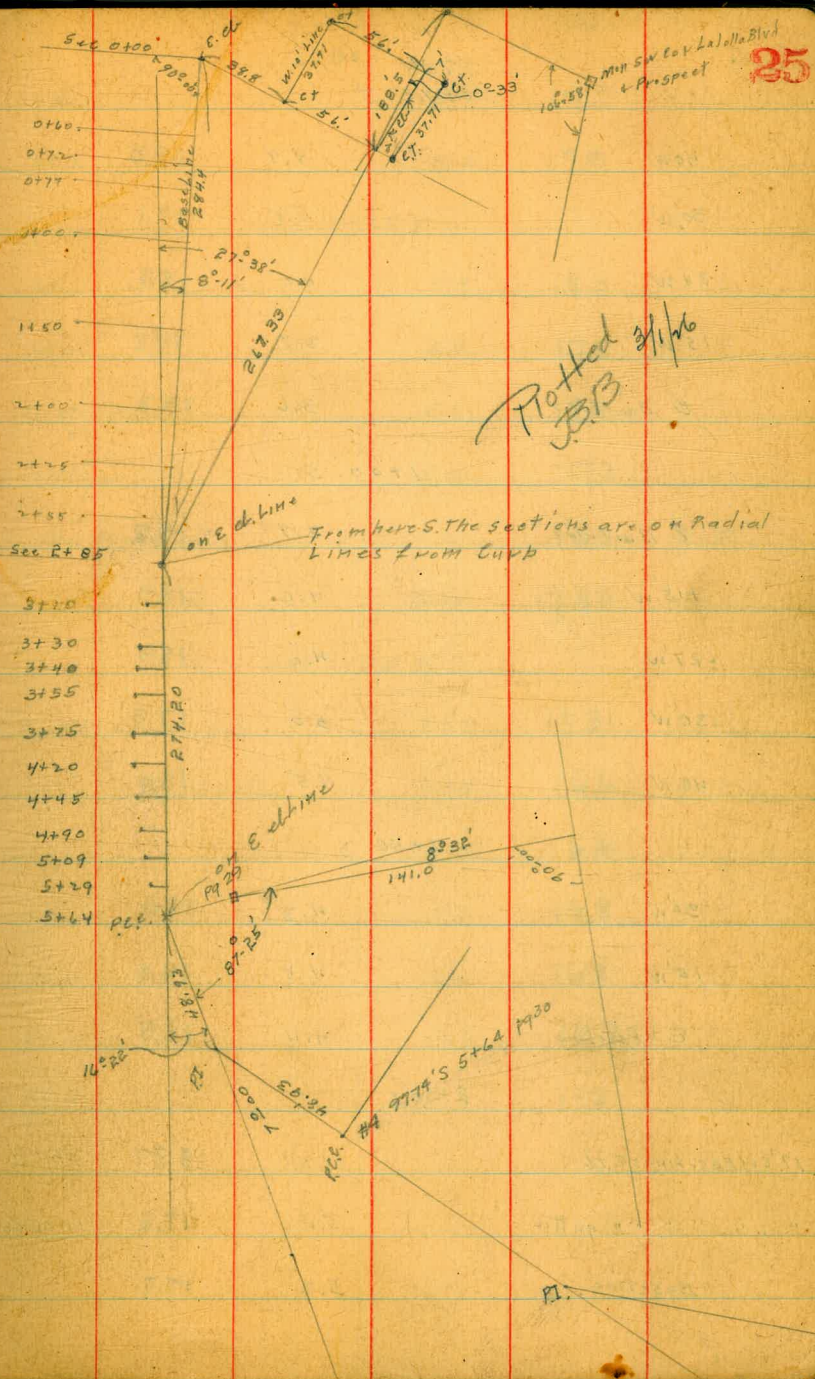
~~00 = S. Line Monroze~~

E

Coast Blvd X Sec
 From S. End of Blk 34
 H.I. La Jolla Park South
 NW. La Jolla Blvd
 + Prospect

2/23/26 mill.

B.M.	0.62	68.62	68.00	
T.P.	0.32	56.71	12.23	56.37
T.P.	0.47	44.26	12.92	43.79
T.P.	0.21	32.41	12.06	32.20
Set B.M.		3.34	29.07	+ Cast Blvd SO.
T.P.	2.67	22.94	12.14	20.27
Sec. 0400				
E. ch. - Baseline		3.27	19.67	cmtd.
+1' W		3.8	19.1	
+15' W		3.8	19.1	
+30' W		3.5	19.4	
	0+60.5			
30' W		4.2	18.7	
15' W		3.7	19.2	
E. Baseline		3.7	19.2	
	0+72.5			
E. Baseline		3.7	19.2	
+15' W		3.7	19.2	
+20' W		10.7	12.2	
+30' W		10.7	12.2	
+45' W		11.4	11.5	



229A
0+77' S

40'W	9.9	13.0	
30'W	5.8	17.1	
24'W	4.0	18.9	
15'W	3.7	19.2	
E Baseline	3.6	19.3	

1+00' S

E Baseline	3.7	19.2	
+15'W	4.0	18.9	
+27'W	4.0	18.9	
30'W	5.0	17.9	
40'W	9.5	13.4	

1+50' S

30'W	4.3	18.6	
15'W	4.5	18.4	
E = Baseline	4.4	18.5	

2+00' S

17' E of Baseline = E. Cl.	4.57	18.37	ent cl
" " " " " gutter	5.4	17.5	in gutter
Baseline	5.2	17.7	

229A

Coast Blvd

26

15'W	5.2	17.7	
30'W	5.0	17.9	

Sec R+R5 S

30'W	4.9	18.0	
20'W	5.7	17.2	
15'W	5.6	17.3	

Baseline	5.6	17.3	
----------	-----	------	--

11' E of Baseline = E gutter	6.0	16.9	gutter
------------------------------	-----	------	--------

" " " " = E. cl.	5.05	17.89	ent cl
------------------	------	-------	--------

Sec R+55 S

5' E of Baseline = Ed	5.63	17.31	ent cl
-----------------------	------	-------	--------

" " " " = E gutter	6.3	16.6	gutter
--------------------	-----	------	--------

Baseline	6.5	16.4	
----------	-----	------	--

+15'W	6.1	16.8	
-------	-----	------	--

30'W	6.6	16.3	
------	-----	------	--

40'W	10.6	12.3	
------	------	------	--

50'W	11.7	11.2	
------	------	------	--

see 2+85.5 on Radial Line

50'W	22.94	11.8	11.1
45'W		11.0	11.9
40'W		8.6	14.3
35'W		6.4	16.5
30'W		6.4	16.5
15'W		6.6	16.3
E gutter		7.0	15.9
E cl Baseline A		6.27	16.67 ✓
T.P.	3.12	19.87	6.19
		310'S	16.75
E cl		3.87	16.00
E gutter		4.4	15.5
15'W		4.7	15.2
15'W		4.2	15.7
28'W		3.9	16.0
30'W		5.1	14.8
40'W		8.9	11.0
45'W		10.2	9.7

60'W	19.87	12.9	7.0
40'W	330'S	11.5	8.4
30'W		5.3	14.6
28'W		4.4	15.5
15'W		4.5	15.4
E gutter		5.0	14.9
E cl		4.10	15.8
E cl	340'S	4.25	15.62
E gutter		4.8	15.1
15'W		4.7	15.2
30'W		4.9	15.0
33'W		5.7	14.2
40'W		9.1	10.8
45'W		12.5	7.4
60'W		14.2	5.7
60'W	355'S	13.4	6.5
40'W		9.7	10.2
30'W		5.1	14.8

	19.87		
	365.5 (Est)		
15' W		5.1	14.8
E gutter		5.3	14.6
E. cl		4.53	15.34
	365.5		
E. cl		4.71	15.16
E. gutter		5.5	14.4
15' W		5.3	14.6
30' W		5.0	14.9
40' W		5.9	14.0
30' W		6.4	13.5
	375.5		
50' W		5.7	14.2
40' W		5.3	14.6
30' W		5.0	14.9
15' W		5.5	14.4
E gutter		5.7	14.2
E. cl		4.90	14.97
	420.5		
E. cl		5.67	14.20
E. gutter		6.4	13.5

	19.87	Coast Blvd	
			28
15' W		6.2	13.7
26' W		6.0	13.9
27' W		4.7	15.2
30' W		4.9	15.0
46' W		4.9	15.0
	4.45.5	1	
45' W		7.1	12.8
40' W		7.1	12.8
30' W		6.8	13.1
15' W		6.4	13.3
E gutter		7.0	12.9
E. cl		6.13	13.74
	4.65.3		
E gutter		7.5	12.4
15' W		7.1	12.8
30' W		7.2	12.7
35' W		7.2	12.7
40' W		8.0	11.9
50' W		9.6	11.3

19.87
490'W

50'W	7.8	12.1
40'W	7.2	12.7
30'W	4.8	13.1
15'W	7.2	12.7
E. gutter on gratings of E.B.	7.93	11.94
E. cl	7.06	12.81
509'S		
E. cl	6.21	13.66
E. gutter	7.3	12.6
15'W	6.9	13.0
30'W	6.7	13.2
40'W	7.4	12.5
50'W	10.0	9.9
529'S		
45'W	5.6	14.3
40'W	5.7	14.2
30'W	5.4	14.5
25'W	5.8	14.1
15'W	6.1	13.8
E. gutter	6.5	13.4
E. cl	5.50	14.37

17.87

564'S = P.C.C. = 00

29

S. end E. cl	4.14	15.73
E. gutter	5.1	14.8
15'W	4.7	15.2
25'W	4.7	15.2
30'W	4.1	15.8
40'W	5.0	14.9
50'W	5.6	14.3
T.P.	10.56	26.29
This curve	$\Delta = 720$ $R = 800$ $ST =$	divided into 4 parts $\Delta = 145$ chd 24.45 one of line arc 24.44 " " "
	#	$T = 24.43'S = 588.23$
50'W of E. cl	12.0	14.3
40'W	11.1	15.2
30'W	9.7	16.6
15'W	10.1	16.2
5'W	10.7	15.5
E. cl	10.0	16.3
14'E of E. cl	9.1	17.2
	#	$R = 48.87'S = 612.87$
14'E	6.8	19.5
12'E	8.2	18.1

26-29

E. cl.	8.5	17.8
13' W	10.0	16.3
17' W	10.0	16.3
18' W	9.5	16.8
15' W	9.1	17.2
30' W	8.4	17.9
40' W	9.4	16.9
45' W	9.8	16.5
# 3	73.31' S	-621.01
45' W of E. cl.	8.7	17.6
40' W	8.5	17.8
30' W	8.1	18.2
15' W	8.3	18.0
8' W	8.5	17.8
7' W	8.8	17.5
3' W	8.6	17.7
E. cl.	7.5	18.8
14' E	6.4	19.9

26-29

#H = P.C.C. = 97.74' S = 66.74

20

14' E	6.2	20.1
E. cl.	6.8	19.5
3' W	7.7	18.6
15' W	7.4	18.9
30' W	7.2	19.1
40' W	7.0	19.3

R 300 ?

This curve A39²⁰⁰ } divided into 10 parts chd. 20.42 on E. cl.

a = 3.54

# 1	118.16' S	-682.16
40' W	6.3	20.0
30' W	6.3	20.0
15' W	6.7	19.6
1' W	7.2	19.1
E. cl.	6.2	20.1
14' E	5.3	21.0
# 2	138.58' S	-702.58
14' E	4.9	21.4
E. cl.	5.8	20.5
1' W	6.7	19.6
15' W	6.2	20.1
30' W	5.4	20.9
40' W	5.4	20.9

	26.29	
	#3	159.00 = 723.0
40' W		4.7 21.6
30' W		5.2 21.1
25' W		5.9 20.4
15' W		6.0 20.3
1' W		6.6 19.7
E cl		5.8 20.5
14'E		4.9 21.4
	#4	179.425 = 743.00
14'E of E cl		4.7 21.6
1'E		5.4 20.9
E cl		6.3 20.0
15' W		5.8 20.5
25' W		5.7 20.6
30' W		4.5 21.8
40' W		4.4 21.9
	#5	199.84 = 763.84
40' W		3.0 23.3
30' W		4.4 21.9
25' W		4.2 22.1
23' W		5.5 20.8

	26.29	
15' W		5.5 20.8
E cl		6.2 20.1
1'E		6.2 20.1
2'E		5.1 21.2
14'E		4.5 21.8
	#	$5 \times 5 + \frac{3}{4} = 5 + \Delta 2^{\circ} 55' 30'' = 215.15 S = 779.15$
14'E		4.5 21.8
R cl		5.0 21.0
1'E		5.8 20.5
E cl		5.4 20.5
15' W		5.3 21.0
25' W		5.3 21.0
30' W		3.0 23.3
40' W		3.3 23.0
	#6	220.26 = 784.26
40' W		4.7 21.6
30' W		5.1 21.2
15' W		5.3 21.0
E cl		5.8 20.5
1'E		5.8 20.5

	26.29			
R.E	4.9	21.4		
14'E	4.5	21.8		
	#6 + 5/8 = #6 + Δ R-26'-15" R32.04 = 796.04			
E.cb	5.7	20.6		
15'W	5.2	21.1		
30'W	4.9	21.4		
40'W	4.3	22.0		
	#6 + 3/4 = #6 + Δ R-55'-30" R35.57 = 799.57			
40'W	2.0	24.3		
30'W	2.0	24.3		
27'W	2.2	24.1		
25'W	4.8	21.5		
15'W	5.1	21.2		
E.cb	5.6	20.7		
	#7 R40.68 = 802.68			
14'E	4.4	21.9		
2'E	4.8	21.5		
1'E	5.7	20.6		
E.cb	5.7	20.6		
15'W	5.0	21.3		

	26.29		
25'W	4.8	21.5	
27'W	1.8	24.5	
30'W	1.6	24.7	
40'W	1.7	24.6	
	#7 + Δ R-55'-30" R56.00 = 820		
40'W	1.8	24.5	
30'W	1.3	25.0	
27'W	1.5	24.8	
24'W	4.8	21.5	
15'W	4.8	21.5	
E.cb	5.4	20.9	
1'E	5.4	20.9	
2'E	4.4	21.9	
14'E	4.1	22.2	
	#8 R26.10 = 825.10		
14'E	4.1	22.2	
2'E	4.4	21.9	
1'E	5.4	20.9	
E.cb	5.4	20.9	
15'W	4.8	21.5	

26.29

#8 con

24'W	4.8	21.5
27'W	1.5	24.8
30'W	1.3	25.0
40'W	3.6	22.7
#9	281.52	845.54
45'W	4.1	20.2
40'W	5.6	20.7
30'W	5.0	21.3
15'W	4.7	21.6
E. cl	5.0	21.3
1'E	5.0	21.3
2'E	4.3	22.0
14'E	4.0	22.3
#7 + A	2°-55'-30" = 296.835 = 860.82	
14'E	4.0	22.3
2'E	4.4	21.9
cl	4.8	21.5
15'W	4.6	21.7
30'W	5.7	21.2
30'W = N End Bridge to House		
40'W	6.2	20.1
45'W	6.9	19.4

26.29

#10 = P.C.E. = 301.9 HS = 865.94

33

55'W	13.4	12.9
45'W	12.1	14.2
39'W = E. side Bridge to house	10.5	15.8
30'W	5.9	20.4
28'W	4.7	21.6
15'W	4.7	21.6
E. cl	4.8	21.5
+ 3.8	4.2	22.1
14'E	3.9	22.4
T.P.	4.11	25.63
	4.77	21.52
		P.C.E. Hub
		L 198.74
		EA = 2°-26'
		E curb chd = 16.86
		This curve divided into 12 Parts
		From here on the E will be called N. & W. called S
		# "And the last shall be first, Solahit"
14'W (E)	3.2	22.4
1.4	3.4	22.2
cl	4.1	21.5
15' S (W)	3.6	22.0
30 S	4.0	21.6
40 S	7.7	15.9
45 S	11.5	14.1
53 S Wedge Bridge to House	11.8	13.8
62 S	12.0	13.6

	25.63 #2			25.63	Coast Blvd	
(W) 67'S d. dock bridge to house	15.4	102		49'S	15.5	10.1 E wash
64'S	16.7	8.9	s. end wash	59'S	15.0	10.6 Wedge wash
40'S	16.6	9.0	Wedge wash	60'S	10.0	15.6
54'S	14.2	114		65'S	10.0	15.6
52'S	11.9	13.7			#3 + 1/2 = #3 + Δ 1° 18'	
45'S	10.8	14.8		60'S	8.5	17.1
40'S	8.4	17.2		46'S	9.8	15.8
32'S	3.4	22.2		45'S	13.0	12.6 Wedge wash
30'S	3.2	22.4		40'S	13.6	12.0
15'S	3.2	22.4		35'S	15.2	10.4 E wash
14' d	3.4	22.0		30'S	14.3	11.3 E. edge wash
14' (E)	3.2	22.4		28'S	2.6	23.0
	#3			15'S	2.5	23.1
14' d	2.9	22.7		14' d	2.9	22.7
14' d	3.0	22.6		14' d	3.0	22.6
15'S	2.8	22.8			#4	
30'S	2.8	22.8		20' N	5.8	19.8
35'S	2.8	22.8		14' N	5.7	19.9
36'S	17.2	11A	E. edge wash	14' d	6.5	18.8
40'S	14.3	11.3		14'S	4.5	21.1

34

25.63
#4 Col 1

15'S	9.0	166	
17'S	13.6	120	e. edge wash
30'S	14.7	109	el wash
34'S	14.3	113	w. edge wash
37'S	2.1	235	
40'S	2.1	235	
48'S	3.2	224	
#4 + 1/2 = +21' 18"			
50'S	1.8	238	
40'S	2.0	236	
30'S	2.3	233	
28'S	14.3	113	w. edge wash
20'S	14.6	110	el wash
15'S	13.3	123	
12'S	12.8	128	e. edge wash
10'S	9.7	159	
1 el	7.6	180	
14' el	6.8	188	
22' el	6.0	196	

25.63

Coast Blvd

35

25' el	6.1	19.5	
14' el	6.7	18.9	
1 el	7.6	18.0	
6'S	9.0	16.6	
7'S	12.2	134	e. edge wash
12'S	14.4	112	el wash
15'S	14.3	113	
20'S	14.0	116	w. edge wash
21'S	1.8	238	
30'S	1.9	237	
40'S	1.8	238	
50'S	1.7	239	
#6			
50'S	0.3	253	
45'S	0.5	25.1	Top Present Graded el
42'S	1.4	24.2	
40'S	0.8	24.8	
30'S	1.0	24.6	
17'S	0.4	25.2	
15'S	4.5	21.1	

		25.63 #6 (oon)				33.83 #7	Coast Blvd	36
13.5			14.0	11.6	wedge wash	55.5	7.1	26.7
7.5			13.4	12.2	edge wash	42.5	7.3	26.5
3.5			11.8	13.8	edge wash	40.5	8.3	25.5
1.0			9.6	16.0		30.5	7.9	25.9
14.0			7.1	18.5		17.5	7.2	26.6
25.0			6.7	18.9		15.5	8.7	25.1
T.P.	12.58	33.83	4.38	21.25		7.5	14.0	19.8
		#6 + 1/2 = +1.18'				5.5	20.7	13.1 wedge wash
25.0			15.0	18.8	edge wash	5.5	20.7	13.1
14.0			16.4	17.4		7.0	20.0	13.8 edge wash
4.0			18.0	15.8		14.0	18.7	15.1
1.0			21.4	12.4	edge wash	18.0	16.1	17.7
8.5			21.4	12.4	wedge wash	35.0	14.4	19.4
10.5			13.7	20.1			#7 + 1/2 = +1.18'	
15.5			10.2	23.6		35.0	14.0	19.2
17.5			8.0	25.8		25.0	14.4	19.0
30.5			8.5	25.3		19.0	16.7	17.1
40.5			8.9	24.9		17.0	19.1	14.7 edge wash
42.5			8.0	25.8	Top Present graded edge	14.0	20.3	13.5
55.5			7.7	26.1		7.0	20.7	13.1 edge wash

32.83

7' in (com)

N. cl	20.7	13.1	
1' S	14.1	19.7	
15' S	6.7	27.1	
30' S	7.4	26.4	
40' S	7.6	26.2	
42' S	6.4	27.4	Top present graded cl.
55' S	6.6	27.2	
	#8		
55' S	5.4	28.4	
40' S	6.0	27.8	Present graded cl.
39' S	4.9	26.9	
30' S	6.6	27.2	
15' S	5.9	27.9	
12' S	5.9	27.9	
5' S	10.2	23.6	
N. cl	12.9	20.9	
7' N	14.7	19.1	
9' N	19.7	14.1	wedge wash
14' N	20.5	13.3	
17' N	20.5	13.3	q. wash

32.83

Co. 251 B1 kd

37

25' N	19.3	14.5	Edge wash
28' N	15.8	18.0	
35' N	14.3	19.5	
	#9		
35' N	14.7	19.1	
31' N	15.5	18.3	
30' N	19.5	14.3	Edge wash
19' N	19.1	14.7	wedge wash
18' N	15.2	18.6	
14' N	14.2	19.6	
N. cl.	7.7	26.1	
6' S	4.6	29.2	
15' S	4.8	29.0	
30' S	5.4	28.4	
35' S	5.8	28.0	
37' S	4.7	29.1	Top present graded cl.
40' S	4.6	29.2	
50' S	4.7	29.1	

	33.83 #10		
50'S (W)		3.2	30.6
41'S		3.4	30.4
35'S		3.4	30.4
33'S		4.7	29.1
30'S		4.4	29.4
15'S		3.7	30.1
N. cl		3.8	30.0
14'		11.4	22.4
20' N		13.7	20.1
26' N		18.6	15.2
32' N		17.3	16.5
35' N		15.0	18.8
	# 11		
40' N		13.6	20.2
37' N		17.6	16.2
30' N		17.2	16.6
29' N		14.4	19.4
25' N		12.8	21.0
14' N		4.5	29.3
N. cl		2.9	30.9

	33.83		Least Blvd	38
15'S		2.6	31.2	
30'S		3.3	30.5	
31'S		2.4	31.4	Top present graded el.
40'S		2.2	31.6	
T.P.	4.99	38.05	0.17	33.06
		#12 = E.C.		
40'S (W)		5.2	32.9	
30'S		5.7	32.4	Top Present graded el.
29'S		6.5	31.6	
25'S		6.1	32.0	
15'S		6.0	32.1	
N. cl		6.6	31.5	
14' N (E)		7.5	30.6	
21' N		19.0	19.1	
24' N		21.0	17.1	S. side wash
35' N		19.6	18.5	N. side wash
		#E. on Tangent		
35' N		19.6	18.5	
20' N		20.5	17.6	N. side wash
24' N		20.5	17.6	S. " "

38.05

18'N	12.0	26.1
8'N	7.9	28.2
3'N	6.8	31.3
N.el	6.6	31.5
15'S	5.8	32.3
25'S	6.1	32.0
29'S	6.5	31.6
30'S	5.5	32.6
40'S	5.1	33.0
13'E. on Tangent		
40'S	4.8	33.3
30'S	5.5	32.6
29'S	7.0	31.1
25'S	5.5	32.6
15'S	5.6	32.5
N.el	6.4	31.7
4'N	6.6	31.5
8'N	8.5	29.6
12'N	8.7	29.4
14'N	10.8	27.3

Top Present
graded et

38.05

Coast 13' N

39

26'N	20.4	17.7	S. side wash
33'N	20.2	17.9	N. side wash
35'N	18.0	20.1	
on Tangent 19'E = P.C. into Olivitas = w. end curve			
35'N (E)	17.9	20.2	
30'N	19.6	18.5	N. side wash
26'N	20.4	17.7	S. ...
22'N	17.1	21.0	
14'N	10.0	28.1	
9'N	8.7	29.4	
5'N	6.7	31.4	
N.el	6.5	31.6	
15'S	5.5	32.6	
25'S	5.5	32.6	
30'S	6.7	31.4	
32'S	4.9	33.2	
40'S	4.6	33.5	
S. end of Curve into Olivitas			
Prop Line	0.2	37.9	

	38.05		
30's W	27' E. on Tangent	5.8	32.3
25's		5.4	32.7
15's		5.2	32.9
N. cl		6.3	31.8
17' N		7.5	30.6
22' N		17.0	21.1
27' N		20.4	17.5
35' N		19.0	19.1
	36 E on Tangent		
35' N		19.2	18.9
	40 E on Tangent		
35' N		18.8	19.3
22' N		16.4	21.7
15' N		5.8	32.3
N. cl		5.8	32.3
15' S		4.6	33.5
30's		5.0	33.1
	50' E. on Tangent		
30's		4.4	33.7
15's		4.2	33.9

S. edge wash

N. side wash

N. high Banks
& wash

	38.05	Coast Blvd	40
N. cl		5.2	32.9
15' N		5.6	32.5
35' N		16.3	21.8
	65' E. on Tangent		
35' N		13.7	24.4
22' N		5.3	32.8
N. cl		4.7	33.4
15' S		3.4	34.7
30's		3.5	34.6
	100' E. on Tangent		
30's		1.8	36.3
15's		2.2	35.9
N. cl		3.2	34.9
23' N		2.8	35.3
25' N		0.3	37.8
35' N		+ 0.2	38.2
	110' E. on Tangent		
14' N		2.23	35.82
	S. E. Return Ravina & Olyitas		
Both ends		0.10	37.95

wend - N. cl
on Ravina St

20' N. of P.E.C.
57.6 Roadway 14.4 1/4s

14' S. of E. d	428'	4.9	33.2
E. d	288'	5.00	33.1
X1	154'	5.6	32.5
114	144'	5.6	32.5
⊕	0	6.2	31.9
114	144	6.6	31.5
W gutter	288	7.2	30.9
W d	288	6.60	31.45
14' W. of W. d	428	6.7	31.4
P.E.C.			
24' W. of W. d	528	8.9	29.3
14' " " "	428	7.8	30.3
W. d	288	7.25	30.80
X1	278	8.2	29.9
X3	258	7.4	30.7
114	144	7.2	30.9
⊕	0	6.5	31.6
114	144	6.1	32.0

Plotted
J.B.B.

S. end W. d.

110	144	7.0	31.1
E. d	288	6.0	32.1
5' E. of E. d	338	6.0	32.1
9' " " "	378	8.3	29.8
16' " " "	418	8.7	29.4
20' " " "	458	12.2	25.9
26' " " "	518	12.8	25.3
7' S. of P.E.C. on Tangent			
24' E. of E. d	528	12.2	25.9
30' " " "	488	15.0	23.1
5' " " "	338	8.0	30.1
E. d	288	7.6	30.5
110	188	5.6	32.5
114	144	6.3	31.8
⊕	0	6.5	31.6
114	144	7.4	30.7
W. d	288	7.6	30.5
14' W. of W. d	428	8.4	29.7
24' " " "	528	9.3	28.8

Top well

38.05

15' S. of P.C. on Tangent

24' W of W el	548	8.9	29.2	
14 " " "	428	8.4	29.7	
W el	288	7.8	30.3	
" " "	144	7.5	30.6	
C	0	6.9	31.2	
" " "	144	6.4	31.7	
+12	264	6.1	32.0	
E el	288	7.0	31.1	
16' E of E el	448	15.0	23.1	
28' E of E el	568	16.0	22.1	
29' E of E el	578	12.6	25.5	Top wall

21' S. of P.C. on Tangent

40' E of E el	688	17.5	20.6	2 wash
31 " " "	598	15.8	22.3	
13 " " "	418	14.2	21.9	
E el	288	8.2	29.9	
+7	218	5.8	32.3	
" " "	144	6.6	31.5	
C	0	7.0	31.1	
+11	1170	7.3	30.8	

38.05

32' S. of P.C. on Tangent

" " "	144	5.7	32.4	
W el	288	6.0	32.1	
3' W of W el	318	7.8	30.3	
14 " " "	428	7.4	30.7	
30 " " "	588	8.8	29.3	
30' W of W el	588	9.1	29.0	
14 " " "	428	8.3	29.8	
W el	288	7.9	30.2	
+4	248	6.7	31.4	
" " "	144	7.0	31.1	
C	0	7.1	31.0	
" " "	144	6.9	31.2	
+5	194	5.1	33.0	
E el	288	8.0	30.1	
16' E of E el	448	17.0	21.1	
28 " " "	568	18.2	19.9	2 wash
40 " " "	688	16.2	21.9	

38.05

36 S. of P.C.C. on Tangent

4' edge	68.8	16.1	22.0
24' edge	54.8	18.8	19.3 $\frac{1}{2}$ wash
15' " " "	43.8	17.2	20.9
E. cl	28.8	8.5	29.6
+3	25.8	7.1	31.0
+10	18.8	6.0	32.1
11.4	14.4	7.1	31.0
+1	13.4	11.4	26.7
+12	2.4	11.2	26.9
E	0	7.6	30.5
11.4	14.4	7.2	30.9
+7	21.4	6.5	31.6
W cl	28.8	8.0	30.1
28' W of W cl	56.8	9.0	29.1
35' " " "	63.8	11.0	27.1

38 S. of P.C.C. on Tangent

35' W of W cl	63.8	11.0	27.1
15' " " "	43.8	9.5	28.6
W cl	28.8	8.2	29.9
11.4	14.4	7.4	30.7

38.05

+5	9.4	8.0	30.1
+8	6.4	14.0	24.1
E	0	15.0	23.1
+12	12.0	12.7	25.4
11.4	14.4	7.5	30.6
+10	24.4	7.3	30.5
E cl	28.8	9.3	28.8
12' edge	40.8	17.0	20.8
20' " " "	48.8	18.6	19.5 $\frac{1}{2}$ wash
40'	68.8	16.0	22.1

45 S. of P.C.C. on Tangent

40' E of E cl	68.8	15.8	22.3
22' E " "	50.8	17.0	21.1
17' " " "	45.8	19.0	19.1 $\frac{1}{2}$ wash
10' " " "	38.8	18.1	20.0
7' " " "	35.8	16.3	21.8
E cl	28.8	11.5	26.6
+5	23.8	8.6	29.5
+10	18.8	8.3	29.8
11.4	14.4	10.9	27.2

+8	6A	15.7	22.4
	^		
C	0	15.7	22.4
+10	100	8.5	29.6
1/4	14A	8.0	30.1
W. cl	288	8.6	29.5
7 W of W cl	358	10.8	27.3
30 " " " "	628	11.2	26.9
40 " " " "	688	15.4	22.7
	57' S. of P.C.C. on Tangent		
40' W of W cl	688	18.0	20.1
20 " " " "	488	17.9	20.2
4 " " " "	328	17.0	21.1
W cl	288	15.2	22.9
+7	218	13.5	24.6
1/4	14A	14.3	23.8
+8	6A	16.7	21.4
	^		
C	0	16.5	21.6
1/4	14A	16.6	21.5
E. cl	288	16.7	21.4
6 E. of E cl	348	17.2	20.9

13' E. of E cl	418	18.7	19.4	± wash
17 " " " "	458	17.5	20.6	
40 " " " "	688	15.7	22.4	
	63' S. of P.C.C. on Tangent			
40' E. of E cl	688	15.2	22.9	
15' E. " " "	438	17.3	20.8	
8 " " " "	368	18.7	19.4	± wash
5 " " " "	338	17.5	20.6	
E. cl	288	17.1	21.0	
1/4	14A	17.0	21.1	
	^			
C	0	17.0	21.1	
1/4	14A	17.6	20.5	
W cl	288	19.8	19.3	
20' W of W cl	488	19.1	19.0	
T.P.	12.04	50.05	0.04	37.97
T.P.	5.22	53.70	1.57	48.44
T.P. on BM			4.50	49.20 = 49.29 ± Olivites

Cross Section Wash out Salion and 21st St.

Put culvert on N St + 21st St.

21st St



Salion Ave

45
4.5
5.5
6.5
7.5
8.5
9.5
10.5
11.5
12.5
13.5
14.5
15.5
16.5
17.5
18.5
19.5
20.5
21.5
22.5
23.5
24.5
25.5
26.5
27.5
28.5
29.5
30.5
31.5
32.5
33.5
34.5
35.5
36.5
37.5
38.5
39.5
40.5
41.5
42.5
43.5
44.5
45.5
46.5
47.5
48.5
49.5
50.5
51.5
52.5
53.5
54.5
55.5
56.5
57.5
58.5
59.5
60.5
61.5
62.5
63.5
64.5
65.5
66.5
67.5
68.5
69.5
70.5
71.5
72.5
73.5
74.5
75.5
76.5
77.5
78.5
79.5
80.5
81.5
82.5
83.5
84.5
85.5
86.5
87.5
88.5
89.5
90.5
91.5
92.5
93.5
94.5
95.5
96.5
97.5
98.5
99.5
100.5

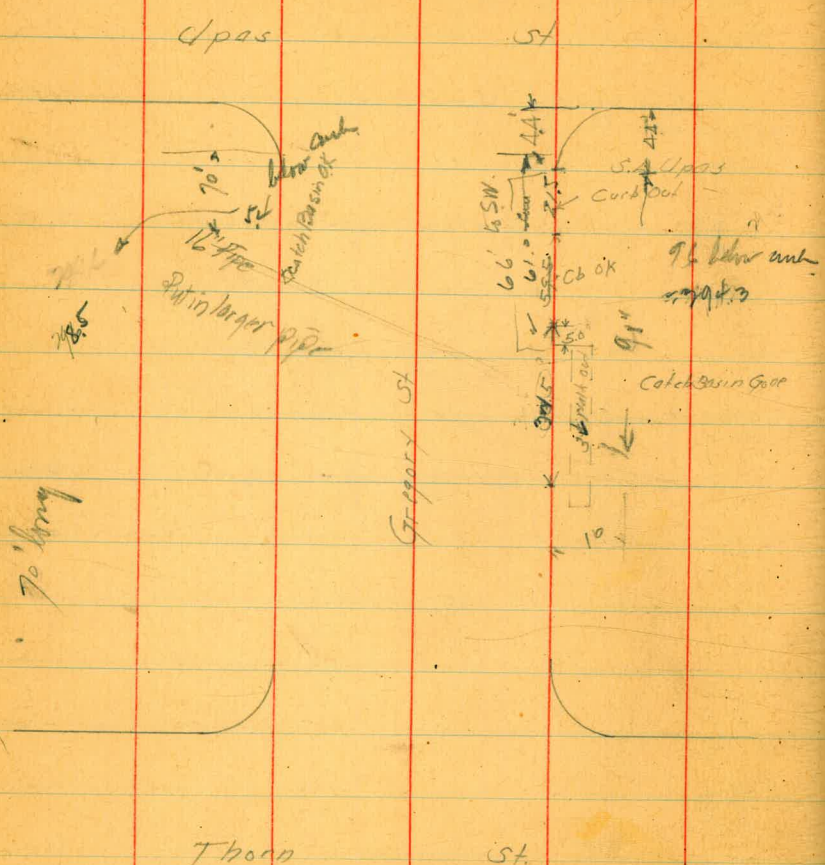
S Edge Walk

0+0 - 40' XX XX L 21 st St	0.0							
8' XX	0.0	$\frac{0.0}{5.0}$	$\frac{-2.2}{7.0}$	$\frac{-2.8}{11.0}$	$\frac{0.0}{14.0}$			
12' XX	0.0	$\frac{0.0}{2.0}$	$\frac{-3.2}{4.0}$	$\frac{-3.8}{7.0}$	$\frac{-4.5}{8.0}$	$\frac{-4.3}{12.0}$	$\frac{-1.2}{14.0}$	$\frac{-1.0}{17.0}$ N Edge Flume
17' XX	0.0	$\frac{-3.6}{2.0}$	$\frac{-3.8}{10.0}$	$\frac{-7.0}{11.0}$	$\frac{-2.0}{14.0}$	$\frac{-1.0}{23.0}$		N Edge Flume
25' XX	0.0	$\frac{-4.5}{0.0}$	$\frac{-6.2}{9.0}$	$\frac{-3.8}{11.0}$	$\frac{-2.6}{18.0}$	$\frac{-2.0}{25.0}$		Edge Flume
35' XX	0.0	$\frac{-4.0}{0.0}$	$\frac{-5.6}{4.0}$	$\frac{-4.0}{7.0}$	$\frac{-2.6}{28.0}$	$\frac{-3.6}{28.0}$		Edge Flume
50' XX	0.0	$\frac{-3.0}{1.0}$	$\frac{-3.2}{20.0}$	$\frac{-2.2}{22.0}$	$\frac{-3.8}{31.0}$			Edge Flume
54' XX	0.0	$\frac{0.0}{5.0}$	$\frac{-2.5}{8.0}$	$\frac{-2.8}{20.0}$	$\frac{-1.0}{23.0}$	$\frac{-3.2}{31.0}$		Edge Flume
61' XX	0.0	$\frac{0.0}{4.0}$	$\frac{-2.2}{6.0}$	$\frac{-3.2}{16.0}$	$\frac{-2.5}{25.0}$	$\frac{-1.2}{27.0}$		St Edge Flume
67' XX	0.0	$\frac{-2.2}{0.0}$	$\frac{-1.8}{11.0}$	$\frac{-2.6}{22.0}$	$\frac{0.0}{26.0}$	$\frac{-4.0}{35.0}$		Edge Flume

74' N	0.0	$\frac{0.0}{5.0}$	$\frac{-2.5}{7.0}$	$\frac{-2.6}{25.0}$	$\frac{0.0}{22.0}$	$\frac{-2.6}{34.0}$	Edge of floor	
77' N	0.0	$\frac{0.0}{5.0}$	$\frac{-2.0}{12.0}$	$\frac{-2.0}{20.0}$	$\frac{-1.2}{28.0}$	$\frac{0.0}{28.0}$	$\frac{-1.8}{32.0}$	Edge of wall
87' N	0.0	$\frac{-0.4}{1.0}$	$\frac{-2.2}{17.0}$	$\frac{-1.5}{19.0}$	$\frac{1.0}{21.0}$	$\frac{0.0}{27.0}$	$\frac{-2.0}{31.0}$	
100' N	$\frac{-1.5}{0.0}$	$\frac{-2.0}{7.0}$	$\frac{-1.2}{14.0}$	$\frac{-0.8}{21.0}$				
115' N	$\frac{-2.0}{0.0}$	$\frac{-2.4}{7.0}$	$\frac{-1.8}{10.0}$	$\frac{-2.0}{17.0}$				

Cross Section Wash Out on Gregory St
Between Upas And Thorn

50' Wides
10' Obs
1/2 Obs



Cent at inlet on W side = 304.04

BM	0.14	312.49	312.35	
TP	1.52	304.52	9.89	303.00
		010 = 81' S of S of Upas?	65' S of S of Thorn	
2		1.3	304.2	
11		1.8	303.7	
Gutter		2.8	301.7	
Cb S of Inlet		1.84	302.70	
E		1.5	303.0	
		6.5		
-5		1.0	303.5	
-4		6.6	297.9	
E		7.1	297.4	
+8		7.1	297.4	
cb		6.0	298.5	
+4		2.4	302.1	
11		2.0	302.5	
2		1.4	303.1	
		20's		
2		1.2	303.3	
11		1.9	302.6	

47
7-6-66
5:30
S. of Upas
N. of Thorn
N. of Upas + Thorn

Plotted 4/12
cb

304.52

304.52

48

+2	42	300.3
+5	47	299.8
Cb	81	296.4
+5	87	295.8
F	83	296.2
+11	83	296.2
+14	2.0	302.5

30.5

-17	67	297.8
-18	109	293.6
-10	12.2	292.3
F	75	297.0
+9	63	298.2
Cb	26	301.9
N End Carb	1.74	302.78
1/1	2.0	302.5
2	1.0	303.5

40.5

2	0.7	303.8
1/4	1.4	303.1
Gutter	2.0	302.5

Cb Top	1.90	303.1
+9	1.40	303.1
F	8.2	296.3
+12	9.7	294.8
+13	10.6	293.9
+22	10.5	294.0
+26	8.1	296.4

50.0

-24	9.3	295.2
-22	10.9	293.6
-15	10.2	294.3
-13	9.3	295.2
F	1.2	303.3
Cb Top	0.84	303.68
Gutter	1.5	303.0
1/4	0.8	303.7
2	0.2	304.3

Plotted 4/12
MaS.E. Drain
14" Coc

Cross Section Wash Out
Alabama Rd Myrtle St.

68' wide
10' Cbs
10' Qts

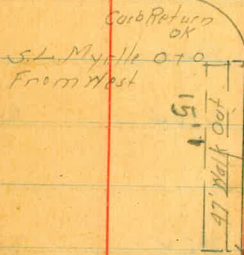
1717
Myrtle +
Alabama

BM	2.70	254.20	251.50	
			010 - S. Myrtle on West	
H		3.2	251.0	
Cb Top	5 end	Carb Return	3.42	250.8
Gutter		4.4	249.8	
H		3.8	249.4	
Z		3.1	251.1	
H		3.5	250.7	
Gutter		4.0	250.2	
Cb Top		3.98	251.4	
E		2.5	251.7	
		1.5		
E		2.6	251.6	
Cb Top		3.16	251.1	
Gutter		4.0	250.2	
H		3.4	250.8	
Z		3.1	251.1	
H		3.9	250.3	
Gutter		4.6	248.6	
Cb		3.1	250.6	

Void
See 1147 pg 41
4/9/26

Myrtle St

N



8' Gutter
10' Carb.

Wash Out Carb OK

Return to Gutter

Myrtle S

Alabama

Walkway

Sewer Out.

Alabama + Myrtle

254.20

14		34	250.8
	3'5		
-30		23.8	230.4
-10		19.7	234.5
11		15.3	238.9
cb		15.1	239.1
+7		15.0	239.2
+7.5		44	249.8
1/4	Void	3.5	250.7
2		3.3	250.9
1/4		3.5	250.7
Gutter		4.1	250.1
cb Top		3.9	251.1
E		3.0	251.2
	9'5		
E		2.9	251.3
cb side		3.2	251.0
Gutter		4.2	250.0
1/4		2.7	250.5
2		3.2	251.0
1/4		4.0	250.2

254.20

50

+3		4.2	250.0
+4		15.5	238.7
cb		19.6	234.6
11		19.8	234.4
+40		27.3	226.9
	23'5		
-40		28.8	225.4
11		25.5	228.7
cb		14.0	230.2
1/4	Void	23.4	230.8
2		23.0	231.2
1/4		22.4	231.8
cb		21.0	233.2
E		20.2	234.0
+2.5		15.5	238.7
	27'5		
-2.5		20.0	234.2
E		20.2	234.0
cb		21.4	232.8
1/4		22.4	231.8
2		22.5	231.7

14		231	231.1
cb		227	231.5
14		240	230.2
+40		286	225.6
	32.5		
-40		283	225.9
-35		244	229.8
-30		282	225.5
-20	<u>Void</u>	279	226.3
-18		231	231.1
-5		242	229.5
14		235	230.7
cb		213	232.9
14		223	231.9
2		220	232.2
14		220	232.2
cb		190	235.2
E		161	238.1
20		147	239.5
+27		140	235.2
	40's		

E		58	248.4
+2		86	245.6
+8		27	246.5
cb		56	248.6
14		46	249.6
2		43	249.9
+2		63	247.9
14		60	248.2
cb	<u>Void</u>	128	241.4
+2		50	249.2
14		47	248.5
		47.5	
14		45	249.7
cb	N End	47	245.5
14		51	249.1
2		43	249.9
14		46	249.6
17		50	249.2
cb		66	247.6
+6		72	247.0
17		58	248.4

Alabama + Myrtle 25420

E	54	248,8
	57,5	.
F	97	249,5
Cb	95	249,7
1/2	95	249,7
Z	93	249,9
	60,5	.
Z	93	249,9
1/2	95	249,7
Cb	96	249,6
+2	99	249,3
+3	72	247,0
F	82	246,0
+12	180	242,2
+30	176	236,6
	65,5	.
-30	175	236,7
-2	115	242,7
F	93	249,9
Cb	95	249,9
1/2	96	250,0
Z	90	250,3

Void

52

	80,5	.
Z	21	250,8
1/2	38	250,4
Cb	40	250,2
F	37	250,5
+5	42	250,0

Void

Sector Levels 2, 506 St.

From S.L. El Cajon to 2 Florence

Fairmount Add

9/16-26
S. 1500
8/15/07
Northampton
S. H. Man
El Cajon

58

BM	337	386.82	383.15
0+0 = S.L. El Cajon		32	383.5
+50		32	383.5
+10		39	382.9
+50		43	382.5
+10		50	381.8
+50		56	381.2
+10		62	380.4
+50		73	379.5
+10		80	378.8
+28		89	377.9
+50		95	377.3
+10		102	376.6
+50		107	376.1
+10		110	375.8
+36 = <u>Trejon</u>		113	375.5
TP	1038	389.48	792 375.90

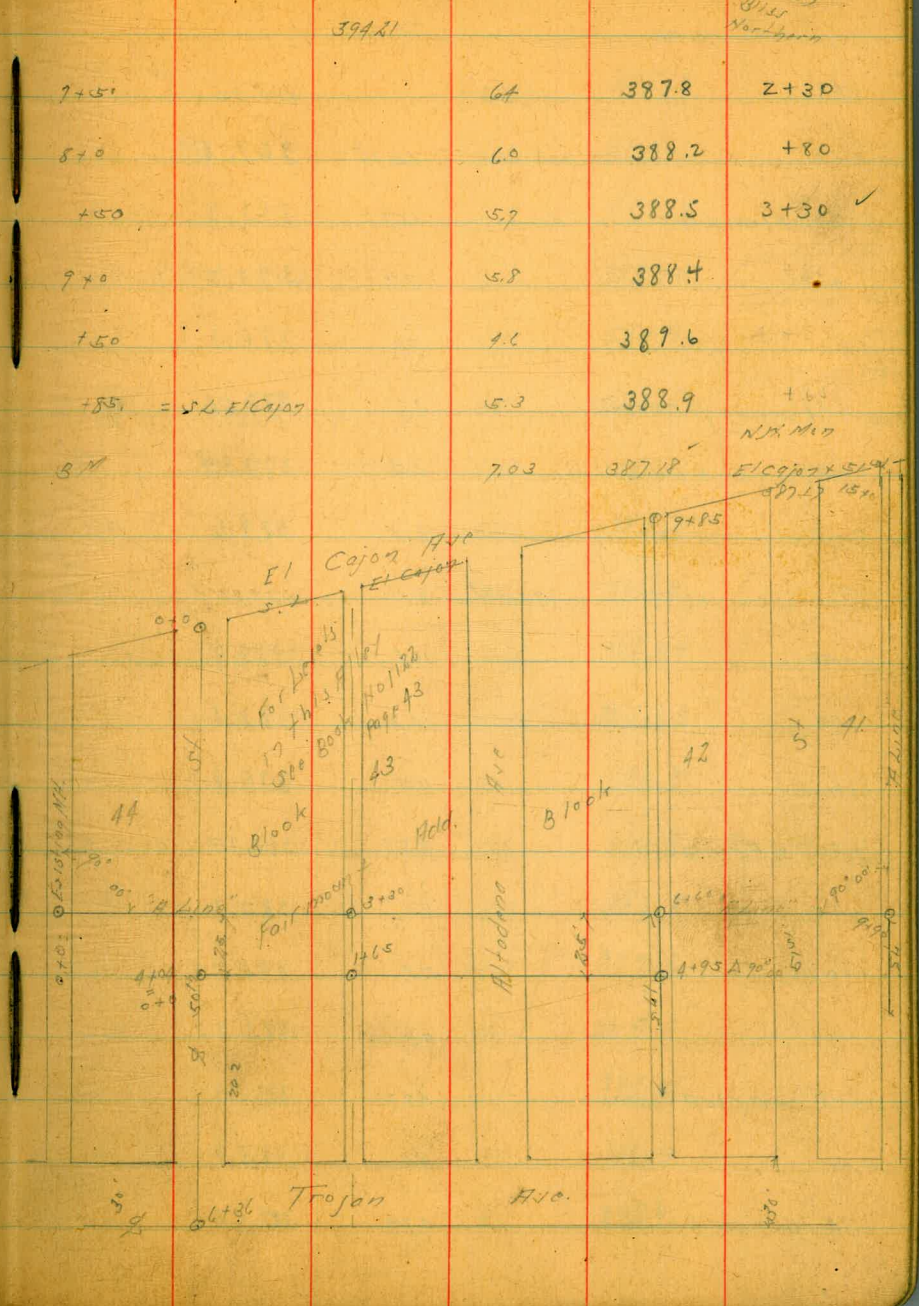
50 feet
Floor/Heave
10.27 376.55

636
257
379

Center Levels Across Block 43 - 42 Fairmount Hdd
And to Alley Block 42

976.4
5150
Bliss
Van Ligon
54

	389.88		
0+0 = 4109.8 50+50	10.59	378.69	constub
+150	10.1	379.2	
+170	11.6	377.7	
+225	11.8	377.5	
+250	9.9	379.4	
+265 2 Alley Blk 42	8.78	380.50	constub
+270	6.4	382.9	
+300	5.8	384.1	
+340	4.3	385.0	
+378 Top of Ch Alameda Ave	4.57	384.71	
+390 2 " "	3.9	385.4	
+448 Top of Ch " "	4.35	384.93	
+470	5.1	384.2	
+490	6.2	383.1	
+495 2 Alley Blk 42 A 29°00'	6.54	382.74	0-25 constub
5+150	10	385.3	0+30
6+0	11	386.9	+80
TP 7+15 59421	12.2	389.06	
7+50	6.8	387.4	+130
7+0	6.6	387.6	+180



Section Levels Across Blocks 41-43-42-41 Fairmount
 And 2 Alley Block 41

1" Line

390.30

9.23
54.50
31.50
North

55

TP	2.77	381.87	378.90	old TP	5+50	5.0	385.3
0+0	- Existing MH	20.91	12.78	369.09	4+0	5.7	384.6
	Flow Line	18.73	363.2		+30	6.4	383.9
+50		8.7	373.2		+60 - 2" Alley Blk 42	6.36	383.94
1+0		5.8	376.1		7+0	5.4	384.9
+48	on FCB 50 th	3.61	378.26		7+20 - on Edge House Line 1/2" 5' 5" off 1" line	4.8	385.5
+24	on FCB 50 th SX	2.58	379.29		TP	5.22	391.05
2+0		2.3	379.6		+50	5.7	385.3
TP	10.54	390.30	2.11	379.76	5+0	5.6	385.4
+50		11.4	378.9		+28 on FCB 50 th	5.61	383.44
+80		12.2	378.1		+45 on FCB 50 th	5.79	385.26
3+0		11.5	378.8		9+0	6.8	383.5
+20	2" Alley Blk 43	9.53	380.77	on 50 th	+50	7.6	382.7
+50		8.0	382.3		+90 - 2" Alley Blk 42	8.2	382.1
+10		5.8	384.5		10+0	8.2	382.8
+50		5.2	385.1		+50	5.9	385.1
+28	on FCB 41 st Haden	4.27	385.33		11+0	5.4	385.6
5+0		4.6	385.7		+50	5.0	386.0
+4	on FCB 41 st Haden	4.74	385.56		12+0	5.1	385.9

50' 6" 381.1
 50' 5" 382.3
 100' 5" 379.4
 150' 5" 375.7
 175' 5" 370.3

50' 9" 382.7
 50' 5" 382.2
 75' 14" 374.2

"A" Line Cont.

56

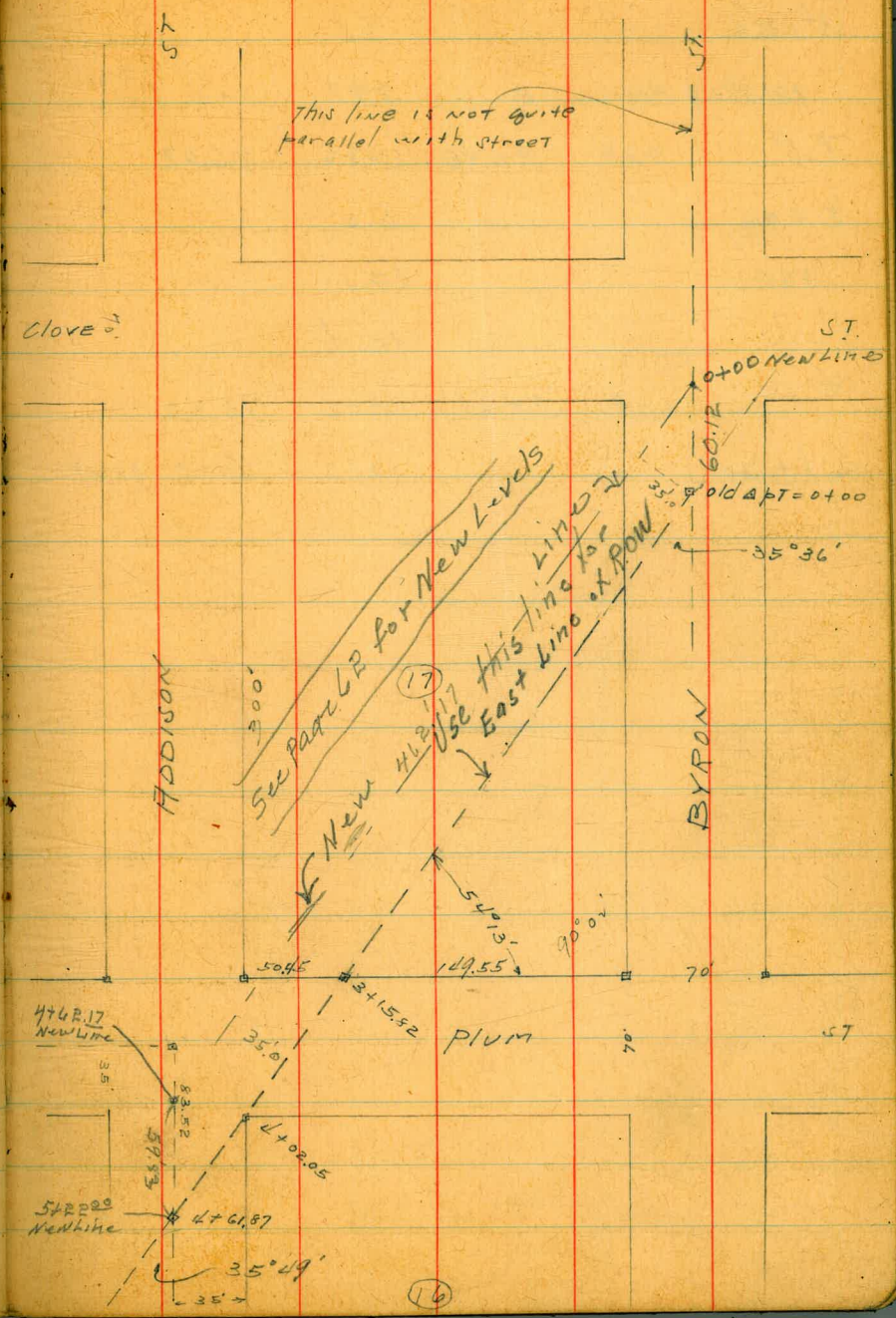
		391.05		
12+50			5.4	385.6
13+0			5.9	385.1
TP	711	391.48 ✓	6.68	384.80 ✓
+50			8.1	383.4
14+0			9.7	381.8
+50			10.4	381.1
+70			10.0	381.5
15+0	- 60 S S Edge Paving El Cajon		11.3	380.2
BM			4.29	387.19 ✓

Relocation & Levels for Sewer
Thru BIK 17 Roseville

9/30/26
Moore
Walker
Preston

Canyon Rd.
Willow

NUISD	12.72	74.00	61.28	
T.P.	13.28	86.77	0.51	73.49
T.P.	12.92	99.69	0.1	86.76
T.P.	11.82	111.47	0.5	99.64
0+00 = Old APT		0.20	111.27	
0+20		2.8		
0+50		4.7		
1+00		8.0		
+25		9.5		
+50		10.6		
T.P.	0.26	98.93	13.00	98.47
2+00		1.8		
+50		4.8		
+80		6.3		
3+00		5.8		
+15.82 = WL Plum ST		4.76		
+50		4.00		
4+00		5.3		
+07.05 = SW Cor BIK 16		5.21		



9893

58

4+50			7.8		
+61.87 = $\frac{1}{2}$ Addison			8.97	89.96	
T.P.	0.33	86.40	12.86	86.07	
5+00			6.0		
+25			10.1		
5+45			10.4		
T.P.	0.09	73.44	13.05	73.35	
check to 9M			121.6	61.48	61.28

Levels Neptune Place for Relating Well
 Playa Del Sur S. to Palomar
 42' W of E. line

1019126
 mullin

ss. Palomar
 + Vista Del Mar

20.82

59

B.M.	0.17	30.59	30.42		39' S. of N. line Gravilla on E. 90° off Neptune	9.4	11.4	dirt	
T.P.	1.40	20.82	11.17	19.42	2' W of above	10.0	10.8	"	
40' N. of N. line Gravilla on E.		90° 00 off Neptune	4.8	16.0	dirt	42.5	11.8	9.0	"
2' W of above			4.9	15.9	"	2' W of above	11.9	8.9	"
33' N. Gravilla			9.5	11.3	"	50'S	11.3	9.5	"
2' W of above			9.2	11.6	"	2' W	11.3	9.5	"
25' N. Gravilla			9.9	10.9	"	56'S	8.1	12.7	"
2' W of above			10.1	10.7	"	2' W	8.1	12.7	"
15' N. of Gravilla			4.9	15.9	"	80'S	10.0	10.8	"
2' W of above			5.3	15.5	"	2' W	10.3	10.5	"
8' N. of Gravilla			6.7	14.1	"	87'S	12.0	8.5	"
2' W of above			8.0	12.9	"	2' W	12.2	8.6	"
6' N. of Gravilla			10.7	10.1	"	15' W	14.0	6.8	sand stone
2' W of above			10.9	9.9	"	103'S	3.6	17.2	dirt
4' N. of Gravilla			10.7	10.1	"	2' W	4.0	16.8	"
2' W of above			10.9	9.9	"	160'S	3.5	17.3	"
N. line Gravilla on E. 90° off Neptune			7.7	12.9	"	171'S	9.8	11.0	"
2' W of above			8.7	12.2	"	2' W	10.1	10.7	"
25' W of above			15.8	5.0	sand stone	200'S	13.1	7.7	"
						2' W	13.4	7.4	sand stone

		20.8				21.31		Neptunus		60
	210'S		13.1	77	sandstone	105 N. of N. Base Rosemont on E 90° 00' from Neptunus U.S.		163		dirt
	2' W		13.5	73	"	2' W	4.5	168		"
4	212'S		14.0	68	"	95' N	11.3	100		"
	2' W		14.3	65	"	2' W	9.4	119		"
3	221'S		14.0	68	"	6' W	12.4	89		sandstone
	2' W		14.2	66	"	80' N	13.2	81		"
2	223'S		14.5	63	"	2' W	13.6	77		"
2	2' W		17.2	36	"	65' N	13.3	80		"
1	226'S		13.5	73	"	2' W	13.7	76		"
2	2' W		13.7	73	"	58' N	13.5	78		"
	240'S		12.5	83	dirt	21.3 W	14.6	67		"
	2' W		12.9	79	sandstone	3' W	18.4	27		sand
	253'S		11.5	95	dirt	44' N	12.4	77		sandstone
	2' W		17.2	86	sandstone	3' W	12.7	76		"
	270'S		9.4	114	dirt	3.5 W	14.7	66		"
	2' W		10.2	106	"	40' N	11.4	99		"
	12' W		12.3	85	sandstone	3' W	11.7	96		"
2	280'S		7.8	130	dirt	33' N	8.7	126		dirt
2	T.P.	8.14	21.31	7.65	13.17	2' W	9.4	11.9		dirt

21.31

28' N

10.3

11.0

dirt

2' W

11.0

10.3

"

21' N.

6.9

144

"

2' W

7.0

143

"

14' N of N. line Rose mopl and 40' - 00 from Neptune

0.5

208

"

T.P.

11.36

32.15

0.52

20.79

ch Kan BM

1.74

30.71

Neptune

61

Sewer Levels thru BIK 17 Roseville
on line 35' S.W. of line on Page 57.

10-15-20
Miller

107.42

62

B.M	12.11	123.34	111.27	Page 57
T.P.	8.90	132.01	123.11	
60.12 W of 00 = Page 57			0.6	131.4
+50			4.8	127.2
+70			7.9	124.1
+100			11.8	120.2
+15			12.8	119.2
T.P.	1.84	120.73	13.12	108.89
+50			4.6	116.1
+75			6.4	114.3
+200			9.1	111.6
+25			11.6	109.1
+60			12.9	107.8
+85			12.6	108.1
+300			13.4	107.3
T.P.	0.31	107.86	13.14	107.55
+25			2.2	105.7
+65			1.8	106.1
+90			1.7	106.2
+400			2.2	105.7

+40	59.03 W of	4.3	103.6
4+6.17	4+6.17	6.8	101.1
+90		11.6	96.3
T.P.	1.39	96.40	12.85
5+22.00 = 4+61.87		6.43	89.97 = 89.96 Page 59

See Plat Page 57

18/47 Cross Section of Intersection
 Moore of Del Monte & Ebers STS.

Del Monte = 80' wide 20' cbs
 cb radii = 30'

75.78 = π Ebers = 60' " 14' cbs

W/2 Ebers

S 4.7
 cb 5.0
 1/4 5.4
 c 5.5
 1/2 5.8
 cb 5.8
 1/4 5.4

W/4 on Ebers

1/4 4.0
 cb 4.8
 1/4 5.2
 c 5.4
 1/4 4.7
 cb 4.4
 S 4.0

W/4 on Ebers

S 3.9

75.78

cb 3.7
 1/4 3.9
 c 4.0
 1/4 4.6
 cb 4.1
 1/4 4.0

Center of Ebers

1/4 3.3
 cb 3.5
 1/4 3.9
 c 3.5
 1/4 3.2
 cb 3.0
 S 3.0

E 1/4 on Ebers

S 2.2
 cb 2.1
 1/4 2.4
 c 3.2
 1/4 3.2

7578

cb 3.2

N 2.8

E cb on Fibers

N 2.0

ab 2.7

1/4 2.9

e 2.5

1/4 1.9

cb 1.5

N 1.5

E L Fibers

J 0.8

ab 0.7

1/4 1.5

c 2.1

1/2 1.5

cb 1.1

N 1.1

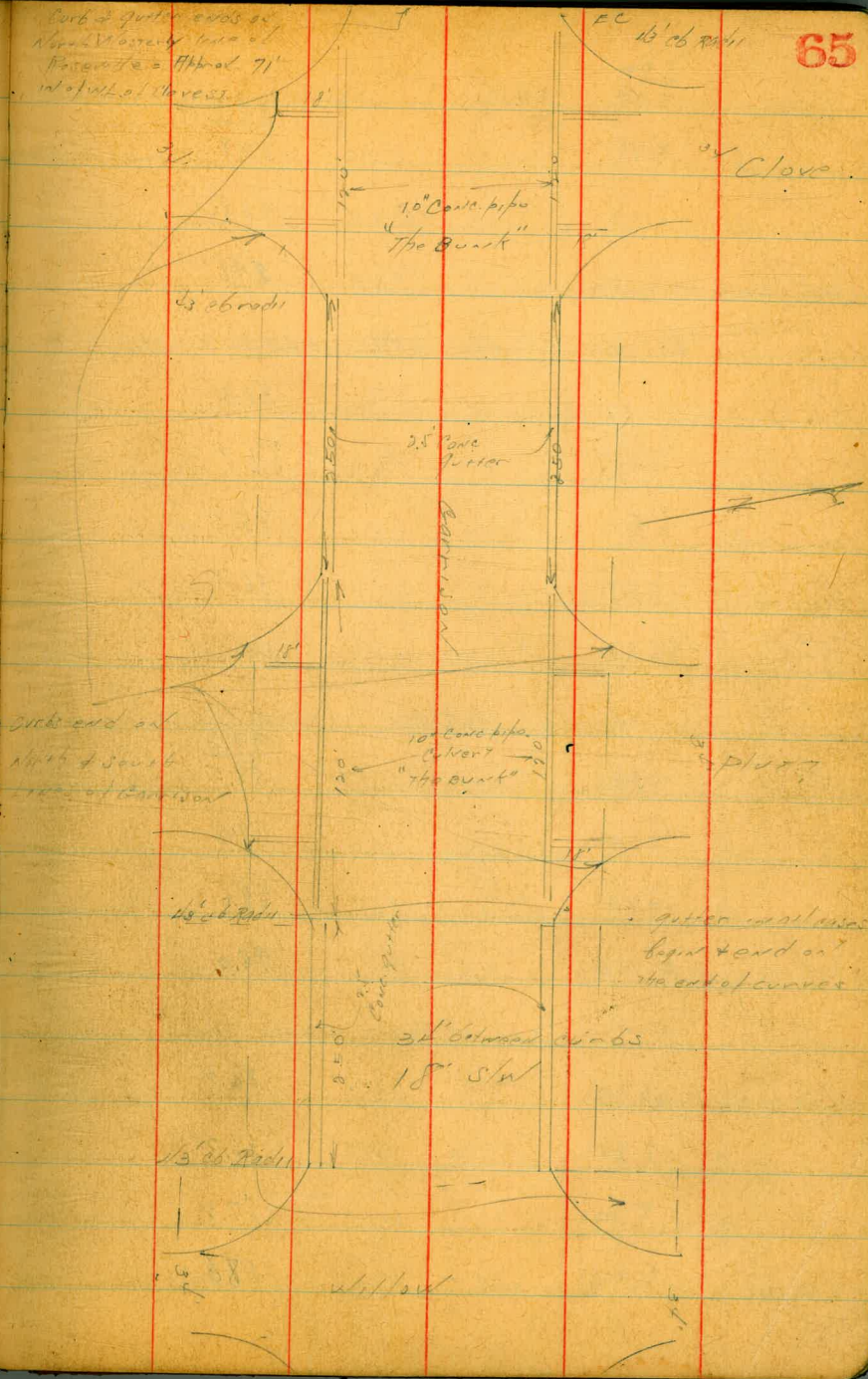
Hansen, Contractor, had removed possibly 12 cu. yd.
before intersection was cross sectioned.

SWM Curb Elev. on Garrison = 70' wide
 Moore Willow to Clove

Curb at gutter ends at
 Normal Manning time of
 Passage = 11' at 71'
 int of WL of Street

65

Station	Station	Elev.	Station	Elev.	Notes
SWM	11.54	63.04	51.45	50.97	Garrison willow
					at willow
					SW Return in 5 parts of 13.5'
PC 225' So. of L of Garrison	12.07	51.0	50.97		
①	12.07	51.0	50.97		
②	11.77	51.27			
③	11.54	51.70			
④	10.32	54.72			
⑤ = EC on Sub	9.10	53.94			at willow
					at willow
					SW Return in 5 parts of 13.5' each
PC 225' N. of W. of Garrison	12.82	50.22			
①	12.82	50.67			
②	11.89	51.15			
③	11.36	51.68			
④	10.36	52.68			
⑤ = EC. 25' W. of W. Willow	9.15	53.89			
TP	13.12	76.07	0.09	62.95	
TP	13.14	88.77	0.44	75.63	
					NE return at Plum St in 3 parts of 13.7'
PC 225' E. of S. of Plum	6.77	88.8	84.00		



8877

88.8

⊙		5.86	87.9
⊙		5.00	83.8
⊙	End of curb NE of Garrison	4.02	84.8
	SE return of Plum 3 parts of 13.7		
	PC 25' E of EL Plum	5.46	83.3
⊙		4.06	84.7
⊙		2.95	85.8
⊙	End of St Garrison	2.10	86.7
T.P.	1097 99.30 0.44		88.33
	SW return of Plum 3 parts of 13.7		
	End of cb on St Garrison	11.82	<u>99.3</u> 87.5
⊙		11.55	87.8
⊙		10.72	88.6
⊙	EC 25' W of WL Plum	9.25	90.0
	NW return of Plum 3 parts of 13.7		
	End of cb on NE Garrison	13.14	86.2
⊙		13.05	86.2
⊙		12.13	87.2
⊙	EC 25' W of WL Garrison	10.66	88.6

9930

Cb. of St. Garrison 66

99.3

90.8

	17' W of EC on N side	8.55	
	Curb has settled here		
	50' W of " " " "	3.62	95.7
T.P.	1320.5 112.22 0.27		99.03
T.P.	1322.5 112.97 0.51		111.72
	Set BM keep up 12.30 134.20 3.07		121.90
	NE return in 3 parts of 13.7		
	PC 25' E of EL of Plum	12.40	<u>134.20</u> 121.8
⊙		10.91	123.3
⊙		9.75	124.4
⊙	End of curb NE Garrison	8.87	125.35
	SE return in 3 parts of 13.7		
	PC 25' E of EL of Plum	14.03	120.2
⊙		12.63	121.6
⊙		11.64	124.6
⊙	End of cb on St Garrison	12.05	122.12
	SW return 3 parts of 13.7		
	End of St Garrison	9.15	125.06
⊙		8.54	125.7
⊙		7.54	126.7
⊙	EC 25' W of WL Plum	6.31	127.9

134.20

Mid returned in 3 parts of 13.7'

134.2

end of rd Garrison 7.88 126.32

0 7.41 126.8

0 6.57 127.6

0 = 56.5' w of WLC clove 5.56 128.6

Approx 71' w of WLC of Clove ST = end of curb

N curb 0.10 134.1

S curb 1.05 133.1

67

9/9/01
 Moore
 Cross Section of Clove St 70' wide
 18' cbs
 total Garrison + H 90

134.41

NE Cor 12.51 134.41 101.90 Garrison + Clove

at Garrison = 00

134.4

E 9.9 124.5

+ 10 Cor. cb 9.08 125.3

cb 9.3 125.1

1/4 9.1 125.3

C 9.1 125.3

1/4 8.8 125.6

cb 8.6 125.8

+ 8 Cor. cb 8.09 126.3

W 6.1 128.3

10' N

W top bank + 18 136.2

+ 3 5.9 128.5

+ 8 7.6 126.8

cb 8.4 126.0

1/4 8.8 125.6

C 9.0 125.4

1/4 9.3 125.1

cb

E

E

+ 7

cb

1/4

C

1/4

cb

+ 15

W

50' N

W

+ 3

cb

1/4

C

1/4

cb

9.2

10.0

8.7

9.5

9.1

9.2

8.2

7.7

8.1

7.0

+ 4.2

+ 5.5

6.1

6.8

6.9

6.8

8.0

8.0

134.4

125.2

124.4

125.7

124.9

125.3

125.2

126.2

126.7

126.3

127.4

138.6

139.9

128.3

127.6

127.5

127.6

126.4

126.4

68

top bank

" "

	134.4	134.4	
cb + 13	8.4	126.0	
E	5.0	129.4	top bank
	67' n		
E	3.7	130.7	" "
+ 4	7.0	127.4	
cb	7.4	127.0	
1/4	7.2	127.2	
c	6.0	128.4	
1/5	6.0	128.4	
cb	5.8	128.6	
+ 10	5.7	128.7	
+ 17	2.0	132.4	
w	4.4	138.8	
+ 2	47.3	141.7	" "
	95' n		
- 5	47.5	141.9	" "
w	2.0	136.4	
+ 4	2.5	131.9	
+ 9	4.3	130.1	
cb	4.5	129.9	

	134.4	134.4	
1/4	4.7	129.7	
c	4.9	129.5	
1/4	5.3	129.1	
cb	6.6	127.8	
+ 10	6.3	128.1	
+ 14	3.0	131.4	
E	2.3	132.1	
	115' n		
E	2.5	131.9	
+ 4	2.5	131.9	
+ 7	5.4	129.0	
cb	6.0	128.4	
1/4	4.4	130.0	
c	3.8	130.6	
1/4	4.1	130.3	
cb	3.9	129.5	
+ 14	3.3	131.1	
w	4.3	138.7	
+ 2	47.0	141.4	top bank
T.P. 810	139.45	3.06	131.35

	130' N	139.45	139.5
-v		+2.3	141.8
w		1.7	137.8
+2		4.8	134.7
+5		7.6	131.9
cb		8.5	131.0
1/4		8.8	130.7
e		8.8	130.7
1/4		9.2	130.3
cb		10.5	129.1
+9		10.2	129.3
+14		8.0	131.5
E		8.1	131.4
	145' N		
E		8.3	131.2
+5		7.7	131.8
+9		9.4	130.3
cb		9.4	130.1
1/4		9.1	130.4
c		8.9	130.6

	139.45	139.5	ST 70
1/4	8.4	131.1	
cb	7.9	131.6	
+13	6.5	133.0	
w	1.7	137.8	
+2	+1.3	140.8	Top bank
	160' N		
w	10.5	140.0	" "
+9	6.6	132.9	
cb	7.8	131.7	
1/4	8.4	131.3	
c	8.7	130.8	
1/4	8.3	131.2	
+3	7.8	134.7	
cb	8.1	131.4	
+7	8.4	131.1	
+12	7.9	131.6	
E	8.6	130.9	
	180' N		
E	8.6	130.9	
+6	7.5	132.0	

13945

E 411	8.0	$\frac{139.5}{131.5}$
cb	7.8	131.7
1/4	7.7	131.8
C	8.3	131.2
1/4	7.9	131.6
cb	7.3	132.2
+8	5.7	133.6
+16	0.1	139.4
W	40.2	139.7
200' N = SL Hugo		
W	0.7	132.8
+3	1.3	138.2
+9	5.9	133.6
cb	6.9	132.6
1/4	7.6	131.9
C	7.9	131.6
+5	7.5	132.0
1/4	6.7	132.8
cb	7.4	132.1
+12	7.8	131.7
E	9.6	129.9

70' wide 18' cbs

13945

		Clove	ST 71
S cb		$\frac{139.5}{139.5}$	
E	10.2	129.3	
+7	8.0	131.5	
cb	7.5	132.0	
1/4	6.7	132.8	
+5	6.3	133.2	
C	7.0	132.5	1
1/4	7.2	132.3	
cb	6.5	133.0	
+10	5.6	133.9	
W	1.9	137.6	
S 1/4			
W	2.3	137.2	
+6	4.1	135.4	
cb	6.2	133.3	
1/4	6.5	133.0	
C	6.5	133.0	
1/4	7.0	132.5	
cb	7.5	132.0	
+13	8.3	131.2	
E	10.4	129.1	

139.55

CENTOR Hugo

139.5

-J	11.9	127.6
E	10.9	128.6
L6	8.9	130.6
cb	7.9	131.6
1/4	7.4	132.1
c	6.5	133.0
1/4	5.6	133.9
cb	5.2	134.3
w	3.0	136.5
w	3.8	135.7
cb	5.2	134.2
1/4	6.1	138.4
c	7.0	132.5
1/4	7.9	131.6
cb	8.4	131.1
+11	9.1	130.4
E	11.2	128.3
+5	14.3	127.2

139.55

N.C.

139.5

-J	13.0	126.5
E	12.1	127.4
+9	9.6	129.9
cb	9.1	130.4
1/4	8.7	130.8
c	7.7	131.8
1/4	6.5	132.7
cb	6.0	133.5
w	4.3	135.2
w	5.4	134.1
cb	7.5	132.0
1/4	8.5	131.0
c	9.3	130.2
1/4	10.5	129.0
cb	11.3	128.2
E	13.4	126.1
+5	14.0	125.5

CLOVE ST

72

139.55
8.00139.45
13.30152.75
4.26152.49
10.73165.72
8.00165.72
13.03178.75
6.00178.75
12.98191.73
0.23191.51
12.71204.32
0.14204.18
12.79216.97
0.47216.48
1.04217.52
13.23204.29
1.00205.34
15.22192.12
0.38192.50
12.50179.70
0.63180.33
10.85

169.98

170.18 NEBP

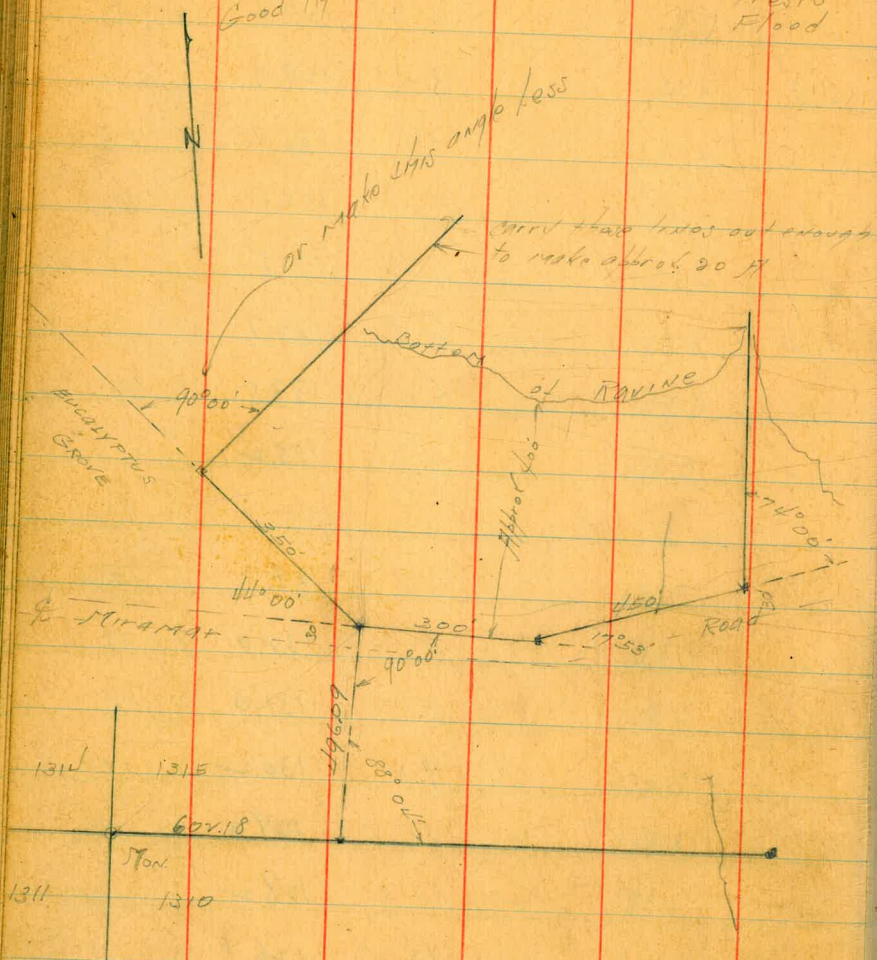
Chelwood L4
W. Idwood

Survey for lease for San Diego
Gun Club Traps. PL. 1315 3/1/27

Doc. # 200817

Good Agricultural Lands

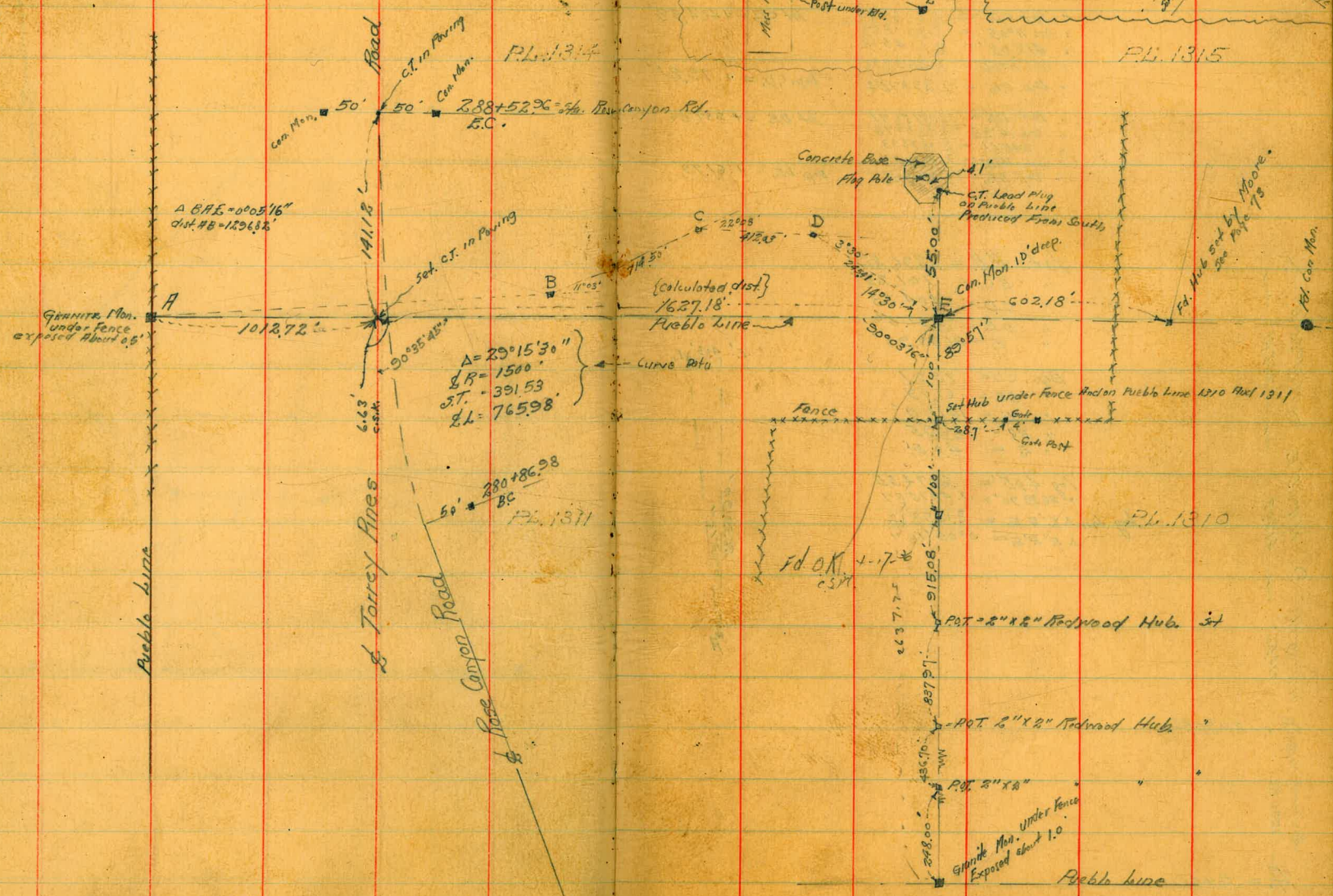
Moano
Presto
Flood



Walker
 von Bliss
 Drebert
 Matheson 4-10-30

SURVEY Pueblo Line 1314 and 1311
 Across Rose Canyon Road

For Notes of Traverse A, B, S, P, E, See P. 75



Courses For Traverse on P. 74

$\log \text{lat. BC} = 2.845875$ $\text{lat BC} = +701.25'$
 $\text{cos } 11^{\circ}05' = 1.991873$
 $714.5 = 2.854002$
 $\text{sin } 11^{\circ}05' = 7.282594$
 $\text{Dep BC} = 2.136516$ $\text{Dep BC} = -136.95'$

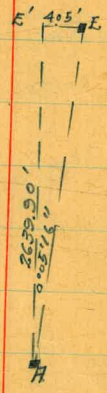
 $\text{lat CD} = 2.606741$ $\text{lat CD} = +404.33'$
 $\text{cos } 11^{\circ}05' = 7.991823$
 $413.03 = 2.614918$
 $\text{sin } 11^{\circ}05' = 7.282836$
 $\text{Dep CD} = 1.898754$ $\text{Dep CD} = +79.21'$

 $\text{lat DE} = 2.375671$ $\text{lat DE} = +237.50'$
 $\text{cos } 14^{\circ}25' = 7.982778$
 $245.41 = 2.382829$
 $\text{sin } 14^{\circ}25' = 7.401035$
 $\text{Dep DE} = 1.730988$ $\text{Dep DE} = +61.79'$

$\text{lat. AB} = 1296.82'$
 $\text{BC} = 701.25'$
 $\text{CD} = 404.33$
 $\text{DE} = 237.50$
 $\text{E} = 2639.90'$

$\text{Dep. CD} = 79.21$
 $\text{DE} = 61.79$
 $\text{+} = 141.00$
 $\text{BC} = -136.95$
 $\text{E} = 4.05$

$\log 4.05' = .607453$
 $\sqrt{2639.90} = 3.421587$
 $\log \tan \Delta E'H'E = 3.185868$
 $\Delta E'H'E = 0^{\circ}05'16''$



A = 0+00
 B = 12+96.82
 C N 11°05' E 714.5
 D N 14°25' E 245.41
 E N 11°05' E 413.03
 F

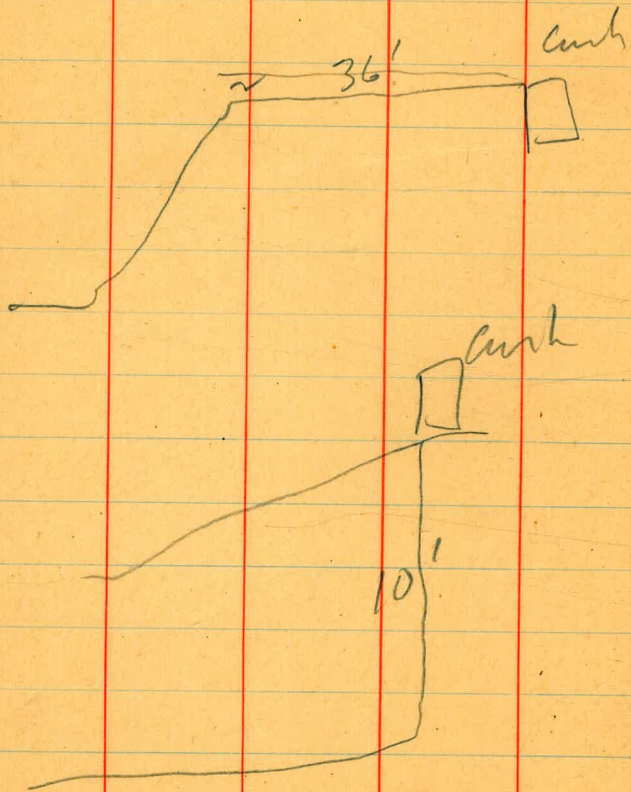
Assumed Sta A
 1296.82



17

Profile Culvert No 7

33



0	<u>27</u>	<u>36</u>	<u>27</u>	<u>26</u>	<u>23</u>	<u>27</u>	<u>25</u>
	10	20	30	40	50	60	70

<u>1.8</u>
80

<u>0</u>
87

2 ft here in 100 ft.

20.21

27
40
50
65

100
20 N of P.C.
P.C.
75

155
245

30
~~37~~
36
38
45

50

57 N of P.C.
63

37.05
13.03
50.08
12.72
67.80
12.48
75.75
53.1
<hr/> 70.47

4157.5
14.4
14.4
<hr/> 28.8
432
<hr/> 576

53.70
4.55
<hr/> 49.15

19
95
<hr/> 38
77.5
58
<hr/> 52.5

309.
14
<hr/> 2295
147.5
14
<hr/> 161.5

75
150
5593
205.97
104.60
<hr/> 101.29
205.97
101.84
<hr/> 104.13

60
62
2

80

