

1374
Torrey Pines
Wentworth Align
X sect

& MISC.

LEVEL BOOK

1950

1331-29 Thoren - Salsler
1314-68 Arb. -
1552-22 Mary Pl.

MICROFILMED

DEC 23 1964

76 Dec 23 1964

Indexed
2/25

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

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THE FREDERICK POST CO.
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Cross Sec. Torrey Pines Road Sta 32-North 2

" " Poppy Place 18

" " Manzanita Drive 40th Tuberose 23

March 26-1931

414 to 424 32-37

(Orange) April-25-28-1931 →

396+50 - 415+25 38 to 45

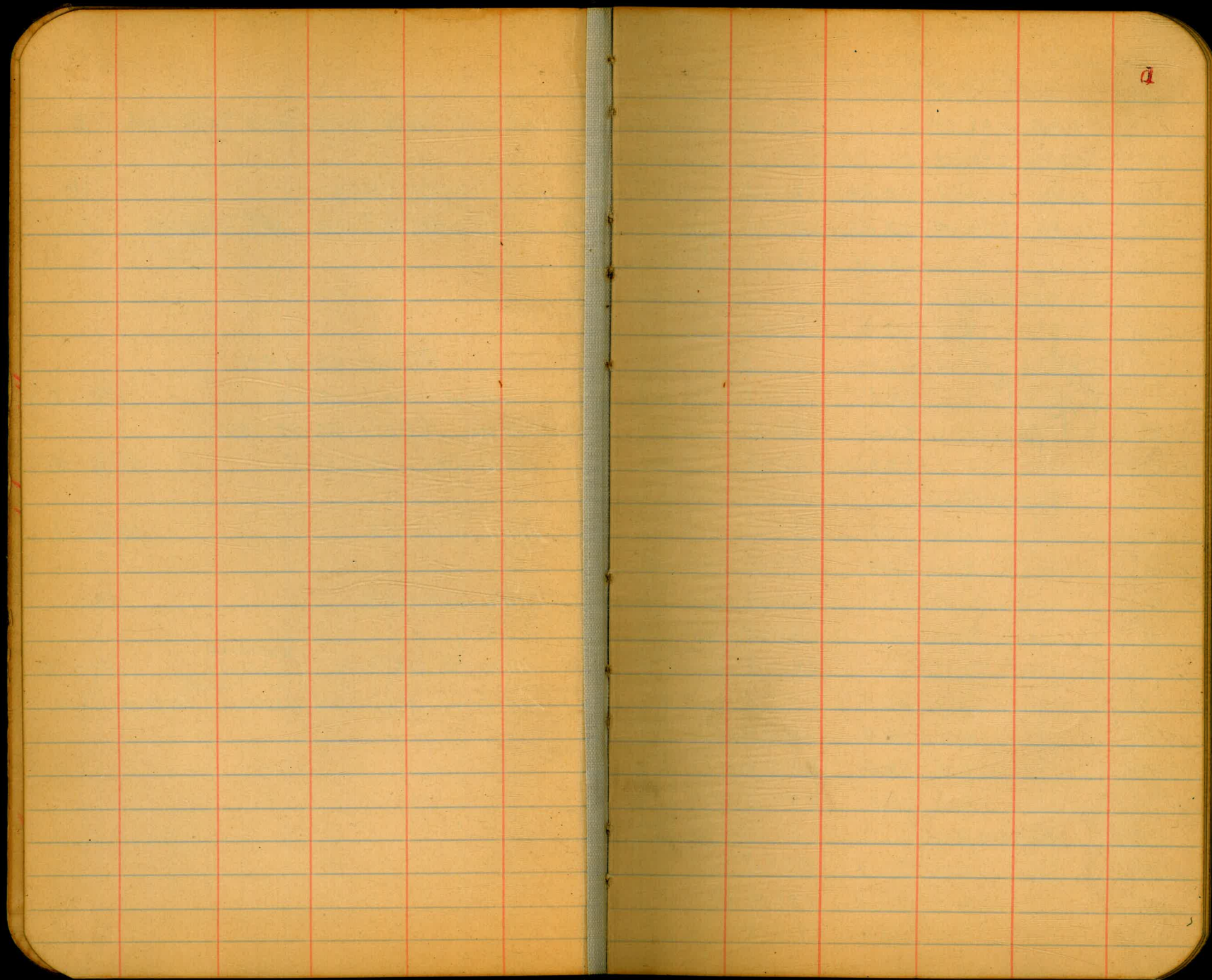
April Estimate 45 to 51

Final Estimate 52-

Alley 18 OB Park Voltaire Lotus 57- 71

Lincoln Ave Cross Section Florida to Georgia 72-81-31

76 Dec Poppy 17 76/10/11



1

Walker
Locke - T
M. Hood
Northern
11-3-29

CROSS SECTION
TOTTREY PINES ROAD
From Sta. 32+00 North.

258.04

2

	0.55	286.19		285.24	on Hub at Sta 32+00
TP	0.02	273.28	12.93	273.26	
T.P	0.20	260.65	12.83	260.45	
TP	10.44	258.04	13.05	247.60	8 1/4 on Iron Pipe with Brass Plug

32+00/

Plotted
12-13-29

75' W			13.8	244.2
75' "			6.2	251.8
2'			3.1	254.9
23'E			+0.8	258.8
80'E			+5.8	263.8

32+30/

80'E			+0.5	258.5
73'E			-1.4	259.4
40'E			3.0	255.0
23'E			4.2	253.8
2'			7.1	250.9
23' W			10.9	247.1
50' W			14.9	243.1
70' W			16.4	241.6
80' W			16.3	241.7

32+50/

80' W			20.3	237.7
70' W			20.0	238.0
23' W			13.7	244.3

2'			11.0	247.0
23'E			8.1	249.9
80'E			3.0	255.0
T.P.	0.28	245.50	12.82	245.22
				33+00/
70'E			3.0	242.5
50'E			3.7	241.8
23'E			6.7	238.8
2'			9.1	236.4
23' W			11.8	233.7
60' W			15.2	230.3
T.P	1.46	234.27	12.69	232.81

33+50

60' W			16.4	
36' West			16.2	
" " 20' South			10.1	
" " 10' North			19.2	
" " 20' North			22.0	
23' "			17.2	
" " 20' South			9.8	
" " 7.0' North			21.7	
" " 20' "			23.7	
2'			13.2	
" 13' North			19.4	
" 13' South			10.4	
23'E			8.5	

No Good

See Page 3

234.27

23' East. 10' North	16.8
40' "	15.0
" " 10' South	12.8
" " 18' "	3.7
60' "	14.7
" " 13' "	9.6
" " 20' "	5.4
" " 25' "	0.4
" " 10' North	12.9
" " 20' "	3.7

33+75

65' East	3.7
57' "	12.1
" " 5' North	5.0
45' "	17.9
" " 16' "	14.4
" " 21' "	8.6
35' "	21.4
30' "	27.4

T.P.	12.61	234.20	12.68	221.59
------	-------	--------	-------	--------

33+35

35' Lt.	12.5	221.7
23' "	12.3	221.9
15' "	12.7	221.5
2	10.1	224.2
23' Rt.	5.9	228.3

No Good

on 1/2 Lt.,
30' E. 15' S. 30' W.

234.20

40' Rt.	4.0	230.2
33+50		
35' Rt.	14.8	219.4
23' "	9.5	224.7
6' "	10.6	223.6
2	13.1	221.1
7' Lt.	13.5	220.7
23' Lt.	17.5	216.7
30' Lt.	18.5	215.7
40' "	16.8	217.4

33+60

45' Lt.	20.7	213.5
30' Lt.	26.7	207.5
23' Lt.	23.9	210.3
2	18.2	216.0
23' Rt.	17.1	217.1
30' Rt.	17.9	216.3
35' "	20.0	214.2

33+70

30' Rt.	24.7	209.5
23' Rt.	26.9	207.3
2	29.1	205.1
23' Lt.	30.7	203.5
30' "	30.5	203.7
33+90		
35' Lt.	35.0	199.2

3

23420

23' Lt.		34.0	200.2
∅		31.4	202.8
23' Rt.		27.3	206.9
30' Rt.		25.9	208.3
	34+00		
40' Rt.		10.4	223.8
28' "		12.6	221.6
23' "		16.7	217.5
12' Rt.		21.8	212.4
∅		30.7	203.5
23' Lt.		34.9	199.3
35' Lt.		36.7	197.5
	34+10		
35' Lt.		36.7	197.5
23' "		35.1	199.1
12' "		35.1	199.1
∅		32.0	202.2
10' Rt.		24.5	209.7
23' Rt.		14.9	219.3
40' "		11.0	223.2
TR	0.60	222.19	12.61
	34+20		
40' Rt.		+1.3	223.5
30' "		1.5	220.7
23' "		6.3	215.9
18' "		8.6	213.6

222.19

15' Rt.		10.6	211.6
5' "		13.0	209.2
∅		18.8	203.4
23' Lt.		24.8	197.4
35' Lt.		24.9	197.3
	34+30		
35' Lt.		26.9	195.3
23' Lt.		25.3	196.9
14' "		23.2	199.0
8' "		15.6	206.6
∅		18.0	204.2
5' Rt.		18.3	203.9
9' "		15.0	207.2
23' "		16.0	206.2
40' "		14.3	207.9
	34+50		
35' Rt.		18.0	204.2
23' Rt.		19.8	202.4
∅		23.1	199.1
8' Lt.		23.9	198.3
13' "		22.3	199.9
23' "		26.9	195.3
35' "		27.7	194.5
	34+80		
35' Lt.		30.6	191.6
23' "		29.7	192.5

4

2	27.6	194.6
23' Rt.	24.1	198.1
30' "	23.1	199.1
35+00		
30' Rt.	22.1	200.1
23' "	23.6	198.6
2	25.8	196.4
23' Lt.	26.9	195.3
35' "	28.1	194.1
35+13		
35' Lt.	28.8	193.4
23' Lt.	28.5	193.7
2	26.5	195.7
13' Rt.	26.2	196.0
23' "	17.8	204.4
30' "	12.3	209.9
40' Rt.	10.8	211.4
35+20		
40' Rt.	11.4	210.8
23' Rt.	21.7	200.5
14' "	25.6	196.6
2	29.9	192.3
23' Lt.	35.2	187.0
40' "	35.9	186.3
35+35		
55' Lt.	41.9	180.3

40' Lt.	38.0	184.2
30' "	36.7	185.5
23' "	35.2	187.0
12' "	34.5	187.3
5' "	28.1	194.1
2	28.3	193.9
23' Rt.	20.9	201.3
35' Rt.	13.5	208.7
chk. on B.M. Approx 200' Rt 3ft 00	5.3'	216.88 217.03 = B.M. 0.15 = Error.
5.31	222.34	217.03 = B.M.
T.P.	0.15	209.58
35+50	12.91	209.43
40' Rt.	2.1	207.5
23' Rt.	4.4	205.2
2	8.5	201.1
11' Lt.	12.3	197.3
23' "	22.6	187.0
30' "	27.4	182.2
40' "	30.1	179.5
55' "	31.2	178.4
35+75		
40' Lt.	22.0	187.6
23' "	18.3	191.3
2	13.5	196.1
23' Rt.	7.4	202.2

209.58

35' Rt.		6.2	203.4 ✓
	36+00		
35' Rt.		8.9	200.7
23' "		10.0	199.6
2		12.5	197.1
23' Lt.		16.5	193.1
30' "		18.7	190.9 ✓
	36+25		
30' Lt.		16.3	193.3
23' "		15.0	194.6
2		10.1	199.5
23' Rt.		7.6	202.0
35' "		7.0	202.6 ✓
	36+50		
35' Rt.		7.5	202.1
23' "		8.7	200.9
2		10.5	199.1
23' Lt.		12.9	196.7
30' "		13.7	195.9 ✓
	147 199.68	11.37	198.21
	37+00		
35' Lt.		3.3	196.4
23' "		2.5	197.2
2		0.5	199.2
23' Rt.		+1.4	201.1
40' "		+3.0	202.7 ✓

199.68

6

	37+25		
40' Rt.		0.6	199.1
23' "		1.7	198.0
2		2.0	197.7
23' Lt.		3.9	195.8
35' "		5.6	194.1 ✓
	37+50		
35' Lt.		7.5	192.2
23' "		6.5	193.2
2		6.4	193.3
23' Rt.		5.6	194.1
40' "		4.9	194.8 ✓
	38+00		
40' Rt.		2.8	196.9
23' "		4.2	195.5
2		6.5	193.2
23' Lt.		9.2	190.5
40' Lt.		11.5	188.2 ✓
	38+25		
40' Lt.		13.0	186.7
23' "		10.4	189.3
2		7.6	192.1
23' Rt.		4.3	195.4
40' "		1.9	197.8 ✓
	38+50		
40' Rt.		5.4	194.3

23' Rt.	7.0	192.7
℄	9.9	189.8
23' Lt.	12.7	187.0
40' "	14.8	184.9 ✓

38+75

40' Lt.	16.2	183.5
23' "	14.4	185.3
℄	12.1	187.6
23' Rt.	10.0	189.7
40' "	8.0	191.7 ✓

39+00

40' Rt.	10.0	189.7
23' "	11.3	188.4
℄	13.5	186.2
23' Lt.	15.4	184.3
40' "	18.5	181.2 ✓

TP	13.04	211.13	159	198.09
TP	9.10	219.36	0.87	210.26
cht. on BM P-5			2.34	217.02

217.03 = B.M.
0.01 = Error

Cross Sections For Bridge

	0.25	221.16		220.51 = B.M.
TP	0.20	208.95	12.41	208.75
TP	1.92	197.94	12.93	196.02
TP	0.49	185.69	12.74	185.20

41+50

40' Rt.	6.5	179.2
23' "	7.1	178.6
℄	8.7	177.0
23' Lt.	13.4	172.3
30' "	15.3	170.4
35' "	16.9	168.8 ✓

41+75

40' Lt.	17.9	167.8
23' "	12.0	173.7
℄	6.0	179.7
23' Rt.	+0.7	186.4
45' "	+4.2	189.9 ✓

42+00

45' Rt.	+5.1	190.8
23' "	-1.2	186.9
℄	8.1	177.6
23' Lt.	13.8	171.7
40' "	18.5	167.2 ✓

42+30

40' Lt.	19.9	165.8
23' Lt.	15.5	170.2

185.69

Σ		8.6	177.1	
23' Rt.		2.4	183.3	
40' "		+2.4	188.1	
45' "		+3.9	189.6 ✓	
	42+50			
45' Lt.		+2.6	188.3	
23' "		-3.7	182.0	
Σ		9.1	176.6	
23' Lt.		13.6	172.1	
46' "		18.8	166.9 ✓	
	42+75			
35' Lt.		18.4	167.3	
23' "		15.7	170.0	
Σ		3.3	176.4	
23' Rt.		3.1	182.6	
45' Rt.		+2.7	188.4 ✓	
	43+00			
50' Rt.		+3.9	189.6	
23' "		-4.2	181.5	
Σ		10.3	175.4	
23' Lt.		17.1	168.6	
35' "		19.9	165.8	
T.P.	2.78	177.00	11.47	174.22 ✓
	43+50			
35' Lt.		12.3	164.7	
23' "		9.4	167.6	

177.0

Σ		3.0	174.0	8
23' Rt.		4.4?	172.6	use 181.4
55' "		+13.2	190.2 ✓	
	43+75			
50' Rt.		+10.0	187.0	
23' "		+1.7	178.7	
Σ		-4.8	172.2	
23' Lt.		10.6	166.4	
40' "		15.8	161.2 ✓	
	44+00			
40' Lt.		18.6	158.4	
23' "		13.3	163.7	
Σ		5.8	171.2	
23' Rt.		+0.8	177.8	
50' "		+9.5	186.5 ✓	
	44+25			
50' Rt.		+8.0	183.0	
23' "		-0.2	176.8	
Σ		5.8	167.2	
23' Lt.		17.0	160.0	
35' "		20.7	156.3 ✓	
	44+50			
35' Lt.		21.8	155.2	
23' "		17.2	159.8	
Σ		9.7	167.3	
23' Rt.		1.4	175.6	

177.00

40' Rt.		+3.8	180.8
50' "		+7.2	184.2 ✓
	44+75		
50' Rt.		+3.0	180.0
23' "		-5.0	172.0
♀		11.5	165.5
23' Lt.		20.2	156.8
35' "		25.3	151.7 ✓
	45+00		
35' Lt.		26.0	151.0
23' "		22.6	154.4
♀		16.1	160.9
23' Rt.		9.1	167.9
50' "		0.9	176.1 ✓
	45+25		
50' Rt.		3.6	173.4
23' Rt.		10.8	166.2
♀		17.4	159.6
23' Lt.		24.0	153.0
35' "		26.2	150.8
T.P.	0.24 164.50	12.74	164.26 ✓
	45+50		
35' Lt.		13.8	150.7
23' "		11.0	153.5
♀		4.9	159.6
23' Rt.		0.1	164.4

164.50

9

50' Rt.		+5.4	169.9 ✓
	45+65		
40' Rt.		-2.4	162.1
23' "		-5.5	159.0
♀		9.4	155.1
23' Lt.		13.4	151.1
40' "		6.1	158.4? ^{used} 148.4 ✓
	45+85		
35' Lt.		26.3	138.2
23' "		22.6	141.9
♀		16.0	148.5
23' Rt.		8.1	156.4
40' Rt.		3.8	160.7 ✓
	46+00		
45' Rt.		2.3	162.2
23' "		7.8	156.7
♀		16.5	148.0
23' Lt.		24.3	140.2
35' "		29.3	135.2 ✓
	46+15		
35' Lt.		31.9	132.6
23' "		25.1	139.4
20' "		23.3	141.2
♀		16.6	147.9
23' Rt.		8.8	155.7
45' "		3.6	160.9 ✓

164.50

46+25

45' Rt.	8.1	156.4
23' "	14.9	149.6
♀	20.6	143.9
23' Lt.	31.4	133.1
30' "	33.0	131.5 ✓

46+40

55' Lt.	60.2	104.3
70' "	64.2	100.3
23' "	38.9	125.6
♀	28.0	136.5
23' Rt.	18.4	146.1
40' "	12.6	151.9 ✓

46+50

40' Rt.	13.0	151.5
23' "	17.9	146.6
♀	28.8	135.7
6' Lt.	34.2	130.3
23' "	38.4	126.1
40' "	41.3	123.2 ✓

46+68

42' Lt.	46.6	117.9
23' "	33.4	131.1
♀	26.3	138.2
23' Rt.	15.2	149.3
40' Rt.	10.0	154.5 ✓

164.50

45' Rt.

TP	1.67	165.74	8.3	156.2
chk. on Brass Plug in Iron Pipe			0.43	164.07
			0.27	165.47

46+75

55' Rt.	6.5	159.2
23' Rt.	17.4	148.3
12' Rt.	22.5	143.2
♀	32.8	131.9
20' Lt.	42.1	123.6
23' "	50.2	115.5
47' "	58.7	107.0
52' "	47.1	118.6
60' "	30.4	115.3 ✓

46+85

48' Lt.	45.3	120.4
43' "	43.3	122.4
30' "	45.5	120.2
23' "	46.2	119.5
15' "	39.4	126.3
♀	37.0	128.7
8' Rt.	33.4	132.3
17' Rt.	22.2	143.5
23' Rt.	18.4	147.3
50' Rt.	9.0	156.7

47+00

45' Rt.	14.7	151.0
30' "	20.2	145.5

10

on Pav. Side

100 ft Sta.
46+60

165.74

23' Rt.	25.3	140.4
♀	32.4	133.3
8' Lt.	29.0	136.7
23' Lt.	32.1	133.6
30' "	33.4	132.3
45' "	43.1	122.6 ✓

47+15

40' Lt.	35.9	129.8
23' "	29.2	136.5
♀	21.0	144.7
23' Rt.	16.4	149.3
30' "	15.2	150.5
45' "	10.9	154.8 ✓

47+25

50' Rt.	6.2	159.5
23' Rt.	12.7	153.0
♀	16.6	149.1
23' Lt.	29.6	136.1
43' "	33.9	131.8 ✓

47+37

43' Lt.	36.4	129.3
35' "	32.2	133.5
30' "	26.8	138.9
23' "	29.1	142.6
16' "	20.2	145.5
♀	18.2	147.5

165.74

7' Rt.	11.1	154.6	11
23' "	8.6	157.1	
30' "	8.0	157.7	
45' "	1.8	163.9	
50' "	0.1	165.6 ✓	

47+50

55' Rt.	+4.0	169.7
40' "	-1.4	164.3
23' "	5.2	160.5
8' "	8.8	156.9
♀	13.5	152.2
12' Lt.	16.4	149.3
23' Lt.	22.7	143.0
32' "	27.7	138.0
45' "	41.3	124.4 ✓

47+62

43' Lt.	34.5	131.2
34' "	37.2	128.5
23' "	26.0	139.7
♀	14.2	151.5
23' Rt.	3.9	161.8
60' Rt.	+5.9	171.6 ✓

47+75

55' Rt.	+3.0	168.7
42' "	+0.6	166.3
23' "	-6.3	159.4

165.74

2	17.1	148.6
5' Lt.	20.3	145.4
23"	25.0	140.7
25"	30.3	135.4
30"	27.4	138.3
40"	24.3	141.4

47+88

40"	26.2	139.5
30"	22.0	143.7
27' Lt.	26.7	139.0
23"	25.5	140.2
18"	19.5	146.2
5"	18.9	146.8
2	17.7	148.0
23' Rt.	9.0	156.7
30"	5.6	160.1
50"	0.2	165.5

48+00

50' Rt.	0.9	164.8
30"	5.7	160.0
23"	10.1	155.6
2	15.9	149.8
6' Lt.	13.9	151.8
23' Lt.	20.5	145.2
40"	27.7	138.0

48+17

165.74

40' Lt.	19.0	146.7
23"	15.5	150.2
2	14.0	154.7
23' Rt.	8.7	157.0
50"	2.0	163.7

12

48+22

50' Rt.	1.5	164.2
24"	7.0	158.7
23"	0.0	165.7
9"	0.0	165.7
8"	8.8	156.9
2	11.0	154.7
8' Lt.	11.7	154.0
23"	15.9	149.8
4"	18.8	146.9

48+25

40' Lt.	23.2	142.5
23"	16.8	148.9
2	10.9	154.8
2' Rt.	10.0	155.7
T.P.	12.71	176.14
4' Rt.	9.4	166.7
9"	4.9	171.2
21"	2.8	173.3
23"	11.4	164.7
30"	15.3	160.8

176.14

45' Rt.	12.3	163.8
52"	3.4	172.7
53"	+3.2	179.3
65"	+4.7	180.8

48+37

65' Rt.	+5.8	181.9
50' Rt.	+2.9	179.0
49"	-7.5	168.6
45"	-7.5	168.6
40"	+0.9	177.0
23' Rt.	-2.7	173.4
2	7.1	169.0
13' Lt.	9.6	166.5
15"	20.9	155.2
23"	25.4	150.7
40"	32.6	143.5
45"	32.6	143.5

48+40

55' Lt.	34.0	142.1
35"	30.6	145.5
30"	13.9	162.2
23"	12.6	163.5
2	6.9	169.2
23' Rt.	2.3	173.8
60"	+4.5	180.6

48+50

176.14

13

60' Rt.	+3.5	179.6
23"	-2.1	174.0
2	7.5	168.6
23' Lt.	12.9	163.2
30"	13.8	162.3
45"	29.0	147.1
55"	34.1	142.0

48+65

55' Lt.	36.5	139.6
48"	33.5	142.6
40"	19.9	156.2
30"	15.5	160.6
23"	13.2	162.9
2	8.0	168.1
23' Rt.	2.9	173.2
30"	1.1	175.0
60"	+4.8	180.9

48+72

65' Rt.	+5.4	181.5
23"	-3.1	173.0
2	8.2	167.9
23' Lt.	13.7	162.4
45"	33.0	143.1
55"	34.3	141.8

T.P. 7.20 175.01

48+77

8.33 167.31

P.S.T. Hub.
48+60

175.01

50' Lt.	32.2	141.8
40"	33.0	142.0
30"	23.7	151.3
23"	13.0	162.0
2	12.5	162.5
10' Rt.	4.4	170.6
23"	2.1	172.9
65"	+6.7	181.7
48+90		
65' Rt.	+6.7	181.7
23"	-2.4	172.6
10"	4.9	170.1
8"	10.7	164.3
2	18.0	157.0
2' Lt.	24.6	150.4
23"	32.0	143.0
40"	31.8	143.2
45"	31.4	143.6
49+00		
45"	33.9	141.1
32"	33.4	141.6
29"	36.0	139.0
23"	33.2	141.8
2	25.7	149.3
11' Rt.	12.1	162.9
14"	4.8	170.2

175.01

14

23' Rt.	3.2	171.8
65"	+6.5	181.5
49+10		
65' Rt.	+5.3	180.3
23"	-3.8	171.2
30"	4.4	170.6
17"	10.7	164.3
16"	17.3	157.7
2	22.2	152.8
15' Lt.	25.6	149.4
16"	32.0	143.0
30"	37.4	137.6
40"	43.0	132.0
49+16		
40' Lt.	43.6	131.4
30"	38.2	136.8
23"	34.1	140.9
2	22.5	151.5
9' Rt.	17.8	157.2
17"	5.3	169.7
23"	4.3	170.7
65' Rt.	+5.0	180.0
49+20		
65"	+5.0	180.0
60"	-6.3	168.7
45"	8.4	166.6

30' Rt	3.5	171.5
23'"	4.6	170.4
13'"	6.4	168.6
10'"	11.3	163.7
9'"	21.7	153.3
ℓ	30.5	144.5
15' Lt	32.5	142.5
23'"	36.5	138.5
30'"	37.6	137.4
45'"	46.1	128.9

49+30

40'"	44.2	130.8
23'"	41.3	133.7 +23.7
ℓ	33.1	141.9
23' Rt	23.4	151.6
45' Rt	17.9	157.1
50'"	17.9	157.1
52'"	22.0	153.0

49+40

47' Rt	23.5	151.5
45'"	24.0	151.0
23'"	29.0	146.0
ℓ	35.5	139.5
23' Lt	48.6	126.4
37'"	48.8	126.2
45'"	43.9	131.1

49+50

40' Lt	50.0	125.0
36'"	54.0	121.0
34'"	49.6	125.4
30'"	53.2	121.8
23'"	53.1	121.9
18'"	51.2	123.8
15'"	45.7	129.3
1'"	39.0	136.0
ℓ	56.4	138.6

5' Rt	32.0	143.0
23'"	29.7	145.3
35'"	29.0	146.0
38'"	30.7	144.3
45'"	31.2	143.8

T.P.	0.18	162.95	12.24	162.77
T.P.	0.74	150.76	12.43	150.52

49+56

45' Rt	8.5	142.3
37'"	3.9	140.9
23'"	6.6	144.2
14'"	8.2	142.6
ℓ	16.2	134.6
5' Lt	22.3	128.5
6'"	32.0	118.8
15'"	32.2	118.6

150.76

23' Lt	26.9	123.9
26"	28.3	122.5
31"	31.8	119.0
38"	29.8	121.0
45"	22.5	128.3

49+60

45' Lt	35.6	115.2
35"	35.3	115.5
23"	34.6	116.2
17"	36.0	114.8
14"	38.8	112.0
4"	32.4	118.4
2	21.1	129.7
20' Rt	18.2	132.6
23"	15.4	135.4
30"	14.3	136.5
37"	7.2	143.6
60"	0.9	149.9

49+74.2 = EC

60' Rt	+1.8	152.6
30"	-9.1	141.7
23"	19.7	131.1
19"	26.7	124.1
2	27.2	123.6
5' Lt	29.6	121.2
8"	32.3	118.5

150.76

16

5' Lt	42.0	108.8
23"	45.9	104.9
21"	55.4	95.4
33"	58.0	92.8
40"	45.8	105.0
50"	49.0	101.8

49+80

55' Lt	54.4	96.4
45"	53.2	97.6
30"	59.4	91.4
23"	53.6	97.2
7"	50.5	100.3
2	39.1	117.7
10' Rt	27.6	123.2
12"	19.6	131.2
22"	16.5	134.3
23"	11.5	139.3
26"	9.7	141.1
32"	5.1	145.7
30"	+2.5	153.3
60"	+3.7	154.5

49+87

60' Rt	+6.3	157.1
50"	+5.4	156.2
37"	-0.7	150.1
25"	11.4	139.4

23' RT.	17.8	133.0
13' "	20.7	130.1
6' "	25.8	125.0
2	26.5	124.3
2' L.	26.5	124.3
4' "	39.4	111.4
7' "	51.0	99.8
14' "	55.5	95.3
23' "	56.1	94.7
30' "	58.0	92.8
37' "	61.1	89.7
46' "	58.0	92.8
45' "	56.1	94.7
60' "	59.8	91.0

50+00

60' "	61.3	89.5
48' "	68.0	82.8
30' "	57.2	93.6
23' "	50.7	100.1
15' "	48.8	102.0
5' "	49.0	106.8
3' "	39.3	111.5
2	39.3	111.5
20' RT.	28.0	122.8
23' "	24.0	126.8
30' "	22.4	128.4

32' RT.	11.3	139.5
34' "	5.6	145.2
65' "	+8.1	158.9
T.P.	542	145.34

35' RT 50+00
on top both.

See Book 1372 Pg 11. E.C.

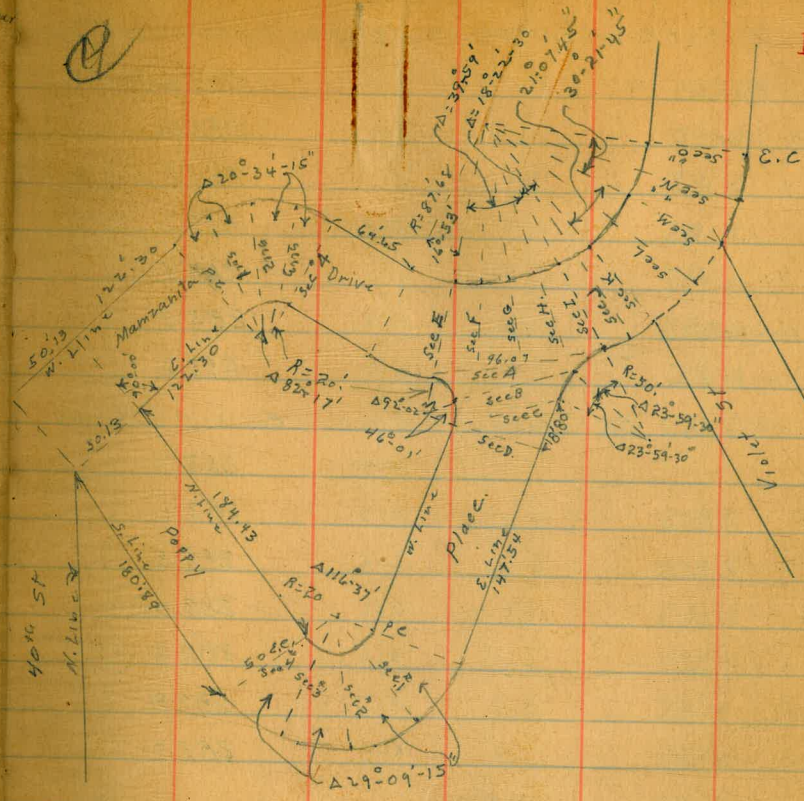
50' wide
10' elev
7.5 lqs

Poppy Place X Sec
Entire Length.

11-1-30
Muller
Osborne
Kanagy

BM. Pipe	5.00	289.08	284.08	N.E. Poplar & Violet
S. Line Manzanita on Curve = Sec A.				
P.C. N. of W. Line Kistlet	3.39	285.69		
E line Poppy Produced N.	4.8	284.3		
E ch "	"	"	5.0	284.1
E '4 "	"	"	5.5	283.6
Φ "	"	"	5.0	284.1
W '14 "	"	"	5.0	284.1
N ch line "	"	"	5.2	283.9
N. " "	"	"	5.3	283.8
W. End P.C. 20' Rad Curve A92.02	5.3	283.8		
Sec B. from ctr 20' R. Curve on W. to ctr 50' Rad Curve on E.				
on ctr 20' Rad curve on W.	5.6	283.5		
W. Prop line Poppy Produced N.	5.4	283.7		
W ch "	"	"	5.7	283.4
W '14 "	"	"	5.2	283.9
Φ "	"	"	5.1	284.0
E '14 "	"	"	5.5	283.6
E ch "	"	"	5.2	283.9
E Prop "	"	"	5.2	283.9
on ctr 50' R. Curve on E.	5.2	283.9		

Plotted
11-10-30



289.08

Sec. C. from S.E.C. 50' curve on E to S.E.C. of 20' curve on W.

E. at B.C.	5.6	2836
E. cl. line	5.6	2836
E. 1/4	5.8	2833
⊥	5.8	2833
W. 1/4	6.2	2829
W. cl. line	5.9	2832
W. line at B.C.	5.9	2832

0+00 = Sec. D. E.C. 20' R. curve to 18.80 S. of B.C. 50' R. curve on E

W	5.9	2832
cl	6.0	2831
1/4	6.6	2825
⊥	6.1	2830
1/4	6.3	2828
cl	6.3	2828
E	6.4	2827

0+25 S.

E	7.5	2816
cl	7.5	2816
1/4	7.2	2819
⊥	6.9	2822
1/4	7.2	2819
cl	6.7	2824
W	6.4	2827

289.08

Poppy Place

0+50 S.

W	7.1	2820
cl	7.2	2819
1/4	7.7	2814
⊥	7.4	2817
1/4	8.1	2810
cl	8.5	2806
E	9.7	2794
+7	11.5	277.6

0+75 S.

-5	10.6	278.5
E	9.6	279.5
cl	8.7	280.4
1/4	8.4	280.7
⊥	7.8	281.3
1/4	8.1	281.0
cl	7.6	281.5
W	7.6	281.5

1+00 S.

W	7.8	2813
cl	8.3	2808
1/4	8.8	2803
⊥	8.4	2807
1/4	9.1	2800
cl	9.5	2796
E	10.2	2789
+	10.4	278.3

19

289.08

1+20 S

-5	11.1	2780
e	10.6	2785
cl	9.7	2794
'14	9.4	2797
⊕	8.7	2804
'14	9.2	2799
+3	8.1	2810
cl	8.0	2811
w	8.3	280.8

1+47⁵⁴ S = P.C. Δ 112°-37' W line Road 20'

w. at P.C.	9.2	2799
cl	9.3	2798
+4	9.5	2796
'14	10.3	2788
⊕	9.5	279.6
'14	9.7	2794
cl	10.0	2791
e	10.8	278.3
+5	11.4	277.7

Sec[#] 1 Δ. 29°-09'-15"

-5	10.9	2782
e	10.8	2783
cl	10.5	2786
'14	10.1	2790
⊕	10.1	2790
'14	10.6	278.5

289.08

Poppy Pl.

20

+4	9.9	2793
cl	9.7	2794
w	9.2	2799

Sec[#] 2 Δ 58°-18'-30"

w from here W or Rt.	9.1	2800
cl	9.6	2795
+4	9.8	279.3
'14	10.9	2782
cl	10.6	2785
'14	10.6	2785
cl	10.8	2783
E from here E or Lt.	11.3	277.8
+5	11.5	277.6

T.P. 1.39 287.08 3.39 285.69

Sec[#] 3. A = 87°-27'-45"

S-5	10.3	2768
S	10.1	277.0
cl	9.4	277.7
'14	8.5	2786
+3	8.3	2788
⊕	8.4	278.7
'14	8.8	278.3
+2	7.3	2798
cl	7.0	2801
N	6.7	2804

287.08

0+00 sec. 4 = P.T. A 114-37'

N	6.7	280.4
cb	7.2	279.9
+4	7.7	279.4
1/4	8.9	278.2
2	8.7	278.4
1/4	8.8	278.3
+5	9.2	277.9
cb	9.8	277.3
S	10.5	276.6
+5	11.0	276.1
0+50 W.		
-10	12.4	273.7
S	11.8	275.3
cb	10.8	276.3
+3	10.0	277.1
1/4	9.6	277.5
2	9.0	278.1
1/4	9.6	277.5
+3	8.2	278.9
cb	8.0	279.1
N	7.6	279.5
1+00 W.		
N	8.0	279.1
cb	8.8	278.3
+4	9.2	277.9
1/4	9.9	277.2

287.08

Pappy Pl.

2	9.8	277.3
1/4	10.5	276.6
+5	11.0	276.1
cb	11.8	275.3
S	13.4	273.7
+10	15.7	271.4
1+20 W.		
-15	19.5	267.6
S	16.7	270.4
cb	13.1	274.0
+5	10.6	276.5
1/4	10.4	276.7
2	10.0	277.1
1/4	10.1	277.0
+4	9.0	278.1
cb	8.9	278.2
N	8.2	278.9
1+40 W.		
N	8.1	279.0
cb	8.8	278.3
+3	9.2	277.9
1/4	10.1	277.0
2	10.1	277.0
1/4	10.4	276.7
+2	10.4	276.7
cb	12.0	275.1

R87.08

1+40 W. (con)

S	14.5	272.6
+15	18.8	268.3

1+57 W

-15	18.4	268.5
S	14.6	272.5
el	11.8	275.3

+3.3 S. End (outlet) 8" emt Pipe	12.6	FL. do not use for yardage
----------------------------------	------	-------------------------------

+5	10.5	276.6
----	------	-------

14	10.4	276.7
----	------	-------

±	10.1	277.0
---	------	-------

+6	10.3	276.8
----	------	-------

14	10.0	277.1
----	------	-------

+1.1 N. End (inlet) 8" emt. Pipe Culvert	11.8	FL. do not use for yardage
--	------	-------------------------------

+3.1	9.3	277.8
------	-----	-------

el	8.7	278.4
----	-----	-------

N	8.0	279.1
---	-----	-------

$\left. \begin{array}{l} 1+84^{43} \text{ W. on N} \\ 1+80^{82} \text{ W. on S} \end{array} \right\} = \text{E. Line Manzanita on diagonal } 50.13$

N. at N.E. Cor	7.2	279.9
----------------	-----	-------

el	8.2	278.9
----	-----	-------

14	9.6	277.5
----	-----	-------

±	9.3	277.8
---	-----	-------

14	10.0	277.1
----	------	-------

el	11.0	276.1
----	------	-------

S. = { N.E. cor 40" + Manzanita S.E. cor Poppy + Manzanita	13.2	273.9
---	------	-------

+15	16.0	271.1
-----	------	-------

Poppy Pl.

22

50' wide
10' elev
7.5 hrs.

Manzanita St X Sec.
DR.
40th St. to Tuberosa

Mlle.
Sammarmeyer
Osborne
11-3-30

282.08

R87.08 Page 22.

see p. 18

15' S. of N. Line of 40th on S. at 90°-off from Manzanita

E	16.0	2711
cb	13.5	2736
+4	11.4	2757
1/4	11.7	2757
±	11.3	2758
+3	11.3	275.8
1/4	11.6	275.5
+4	10.7	2764
cb	10.6	2765
W.	10.5	2766

S. line Poppy = N. Line 40th at 90°00

W.	9.8	2773
cb	10.0	2771
+4	10.1	2770
1/4	10.7	2764
+4	10.4	2767
±	10.6	2765
1/4	10.9	2762
cb	10.7	2764
+5	12.3	274.8
E.	13.2	273.9

Plotted 11/8-30

S. ch. of Poppy

E	11.0	2761
cb	10.2	2769

23

1/4	10.4	2767
±	10.0	2771
+4	9.9	2772
1/4	10.1	2770
+3	9.6	2775
cb	9.5	2776
W. on S. End ent. walk.	9.53	277.55
	5, 1/4	
W	9.4	2777
cb	9.3	2778
+5	9.5	2776
1/4	9.7	2774
+5	9.4	2777
±	9.6	2775
1/4	9.9	2772
cb	9.8	2773
E	10.0	2771
	±	
E	9.3	2778
cb	9.2	2779
1/4	9.3	2778
±	9.1	2780
1/4	9.3	2778
cb	9.0	2781
W	9.2	2779

287.08
N. 1/4 Poppy Pl. Sec at 90°-00

W.	9.0	2781
cl	8.8	2783
1/4	8.9	2782
♀	8.9	2782
1/4	8.9	2782
cl	9.0	2781
E	9.6	2775
N. cl.		
E	8.2	2789
cl	8.5	2786
1/4	8.5	2786
♀	8.5	2786
1/4	8.5	2786
cl	8.5	2786
W	8.5	2786
0+00 = N. Line Poppy Pl		
W	8.2	2789
cl	8.2	2789
1/4	8.2	2789
♀	7.8	2793
1/4	8.1	2790
cl	7.6	2795
E. at N. E. Cor	7.2	2799
0+25 N		
E	4.9	2802
cl	4.8	2803

287.08

Manzanita

24

1/4	7.2	2799
♀	6.5	2806
1/4	7.2	2799
+3	6.9	2802
cl	7.2	2799
W.	7.5	2796
0+60 N		
W.	5.8	2813
cl.	5.7	2814
+5	5.6	2815
1/4	6.0	2811
♀	5.2	2819
1/4	5.4	2817
+3	5.6	2815
+4	4.8	2823
cl	4.8	2823
E	5.0	2821
0+72 N.		
0.3 W of W. Line = E. End cmt. walk	5.41	281.67
T.P.	8.20	289.85
1+00 N.		
E	6.3	283.5
cl	6.3	283.5
1/4	6.6	283.2
+1	6.8	283.0
♀	6.3	283.5

289.85

1400 N. (con)

1/4	6.8	2830
+2	7.1	2827
+4	6.7	2831
cl	6.7	2831
W.	7.0	2828
1422 ³⁰ P.C. S. line Rad = 20! divided 4 Parts		
W.	6.5	2833
cl.	6.3	2835
+5	6.3	2835
1/4	6.6	2832
♀	5.7	2841
1/4	6.3	2835
+3	5.7	2841
cl	5.7	2841
E	5.7	2841
Sec 7 Δ 20° 34' - 15"		
E.	5.5	2843
cl	5.4	2844
1/4	5.8	2840
♀	5.4	2844
1/4	5.8	2840
+2	6.0	2838
+3	5.5	2843
cl	5.6	2842
W	5.7	2841

Manzanita

289.85

sec #7 Plus. Δ 38° 16'

25

1.5 W. of W. line = E. Endem. Drive	4.83	
Sec #2 Δ 41° 08' 30"		
W.	4.9	2849
cl	5.0	2848
1/4	5.3	2845
♀	5.0	2848
1/4	5.5	2843
+3	5.2	2846
cl	5.3	2845
E	5.4	2844
Sec 3 Δ 61° 42' 45"		
E	5.2	2846
cl	5.1	2847
+3	5.0	2848
1/4	5.3	2845
♀	4.6	2852
1/4	4.9	2849
cl	4.6	2852
+2 Pepper Tree. 6" Diam		
W	4.6	2852
0400 = E.C. Δ 82° 17'		
W.	4.9	2849
cl	4.6	2852
1/4	5.0	2848
♀	4.6	2852
1/4	5.2	2846

289.85
0+00 B.C. (con)

+4	4.8	2850
cb	5.0	2848
E	5.2	2846

0+30

E	4.8	2850
cb	4.7	2851
"4	5.2	2846
⊕	4.8	2850
"4	5.0	2848
cb	4.9	2849
W.	4.8	2850

0+64 ⁴⁵ P.C. ^{E Line Rad 87.68}
_{W. Line Rad 137.68}

W. = Lt	4.9	2849
cb	4.8	2850
"4	5.0	2848
⊕	4.8	2850
"4	5.4	2844
cb	5.3	2845
E = Rt.	5.6	2842

Sec. E $\Delta 16^{\circ} 53' = P.C. 20' Rad. into Poppy Pl. on E.$

E. = Rt	6.1	2837
cb	5.9	2839
"4	5.6	2842
⊕	5.0	2848
"4	5.0	2848
cb	5.0	2848
W	4.9	2849

289.85
Sec. F. $\Delta. 26^{\circ} 52' 45''$

Manzanita

26

W = Lt.	4.7	2851
cb	4.9	2849
"4	5.3	2845
⊕	5.3	2845
"4	5.3	2845
cb	6.1	2837
E. = Rt.	6.1	2837

Sec. G. $\Delta = 36^{\circ} 52' 30''$

E = Rt.	5.8	2840
cb	5.7	2841
"4	5.4	2844
⊕	5.3	2845
"4	5.2	2846
cb	4.8	2850
W = Lt.	4.6	2853

Sec. H $\Delta = 46^{\circ} 52' 15''$

W = Lt.	4.5	2853
cb	4.8	2850
"4	5.1	2847
⊕	5.1	2847
"4	5.2	2846
cb	5.7	2841
E = Rt.	5.9	2839

289.85
Sec I. $\Delta 56^{\circ} 52'$

E. at P.C. 50 Rad curve into Poppy	4.2	2856
cl	4.1	2857
+3	4.2	2856
+4	4.7	2851
'4	4.7	2851
ϕ	4.3	2855
'4	4.7	2851
cl	4.3	2855
W. = Lt	3.9	2859

Sec. J. $\Delta 65^{\circ} 58' - 15''$

W = Lt	3.4	2864
cl.	3.6	2862
'4	4.1	2857
ϕ	3.7	2861
'4	4.3	2855
cl	4.1	2857
E. = Rt	4.3	2855

Sec K $\Delta = 75^{\circ} 04' - 30''$

E at cor. Violet	3.5	2863
cl	3.5	2863
'4	3.6	2862
ϕ	3.1	2867
'4	3.6	2862
cl	3.0	2868
W = Lt	3.0	2868

T.P. 10.59 296.28 4.16 285.69

296.28

Manzanita

27

Sec L. $\Delta 85^{\circ} 38' - 22''$

W. = Lt	9.1	2872
cl	9.0	2873
'4	9.3	2870
ϕ	8.8	2875
'4	8.6	2877
cl	8.6	2877
E = Rt	8.6	2877

Sec M. $\Delta 96^{\circ} 12' - 16''$

E	8.0	2883
cl	8.1	2882
+3	8.7	2876
'4	8.4	2879
ϕ	8.1	2882
'4	8.5	2878
+2	8.7	2876
cl	8.3	2880
W = Lt	8.7	2876

Sec N. $\Delta 111^{\circ} 23' - 08''$

W. Lt.	8.3	2880
cl	8.0	2883
'4	7.8	2885
ϕ	7.4	2889
'4	8.0	2883
+2	8.1	2882
+4	7.5	2888
cl	7.3	2890
E = Rt	7.0	2893

296.28
0+00 Sec "0" E.C. $\Delta 126^{\circ}-34'$

E.	6.8	289.5
cb	7.2	289.1
+1	7.5	288.8
"4	7.3	289.0
Φ	6.8	289.5
"4	7.5	288.8
cb	7.7	288.6
W	7.8	288.5

0+17³

W. line E. End cmt. walk 7.76

0+32²

W. line E. End Two cmt. strip Drive 7.25

0+50

W.	7.0	289.3
cb	6.8	289.5
"4	6.5	289.8
Φ	6.2	290.1
"4	6.2	290.1
+6	6.8	289.5
cb	6.0	290.3
E	5.8	290.5

E. line Rad 60° 0+97⁹⁵ p.c. $\Delta 108^{\circ}-51'$ 6. Parts

E	5.1	291.2
cb.	5.2	291.1
+1	5.7	290.6
"4	5.7	290.6

296.28

Manzanita

28

Φ	5.7	290.6
"4	5.9	290.4
cb	6.3	290.0
W = LT.	6.6	289.7

Sec 1 $\Delta 18^{\circ}-08'-30''$

- 5	7.4	288.9
W = LT.	7.1	289.2
cb	6.5	289.8
"4	5.9	290.4
Φ	5.6	290.7
"4	5.5	290.8
cb	5.1	291.2
E = RT	5.1	291.2

Sec 2 $\Delta 36^{\circ}-17'$

E = RT	4.5	291.8
cb	5.0	291.3
"4	5.5	290.8
Φ	5.4	290.9
"4	5.7	290.6
cb	6.4	289.9
W = LT	6.5	289.8
+5	7.1	289.2

Sec 2 Plus $\Delta 39^{\circ}-27'$

W. line = E. End cmt. walk 6.82

296.28

296.28

Sec 3 $\Delta 54^{\circ} 25' - 30''$

W=lt	5.3	2910
cl	5.4	2909
"4	5.2	2911
ϕ	4.8	2915
"4	4.9	2914
cl	4.8	2915
+3	4.4	2919
E=RT.	4.2	2921
	Sec 4 $\Delta 72^{\circ} 34'$	
E=RT.	3.8	2925
+8	4.0	2923
cl	4.5	2918
"4	4.5	2918
ϕ	4.3	2920
"4	4.4	2919
cl	4.4	2919
W=lt.	4.4	2919

Sec 4 Plus. $\Delta 74^{\circ} 43'$

W. line on E. End. of ent. walk. 4.72

Sec 5 $\Delta 90^{\circ} 42' - 30''$

W=LT.-5	5.7	2906
W=LT	5.4	2909
cl	4.9	2914
"4	4.4	2919
ϕ	4.1	2922
"4	4.1	2922

296.28

+5	4.4	2919
cl	4.1	2922
+2	3.5	2928
E=RT	3.8	2925
	0+00 = E.C. $\Delta 108^{\circ} 51'$	
E=RT	3.6	2917
cl	3.6	2927
+3	4.3	2920
"4	4.0	2923
ϕ	4.0	2923
"4	4.5	2918
cl	4.9	2914
W=lt.	5.6	2907
+5	5.9	2904

0+25.5

Acacia 3" Diam 6.8E. of W. line

0+50

W=lt.	4.3	2920
+6.8 Acacia Tree 3" Diam		
cl	3.8	2925
"4	3.7	2926
ϕ	3.4	2929
"4	3.9	2924
+2	4.0	2923
+4	3.2	2931
cl	3.0	2933
E=RT	2.8	2935

296.28

Acacia Tree 2" Diam 7.2 E. of W. line

0+76

0+79

W=LT. = E. end. cont. walk 3.78

0+87

Acacia Tree 1" Diam 7.2 E. of W. line

0+97

Acacia Tree 2 1/2" Diam 7.2 E. of W. line

1+07⁴ on E. = Rt. = cor. of Tuberosc

E = Rt.		2.40	293.88	on Hub
cb		2.5	293.8	
+5		2.6	293.7	
1/4		3.1	293.2	
ϕ		3.0	293.3	
1/4		3.6	292.7	
cb		3.9	292.4	
W = Lt.		4.3	292.0	
T.P.	2.03	295.91	2.40	293.88
chk. B.M. Pipe			11.83	284.08

N.S. Poplar

+ Violet.

LINCOLN AVE. Cross Section
Cont. from P-81

269.08

3+10 = W.L. Florida St

N.L. on Walk	5.87	263.21
N+14' on End cb Ret.	6.18	262.90
" " Gut	6.51	262.57
cb.	6.5	262.58
1/4	6.6	262.48
L	6.7	262.38
1/4	6.9	262.18
cb.	7.3	261.78
+6 Gut. at Return	7.50	261.58
" on cb. "	7.12	261.96
S.L. on Walk.	6.85	262.23
T.P. 11.31 277.83	2.56	266.52
T.P. 12.37 290.07	0.13	277.70
cht. Svt. ^{8P.} Unna & Florida	2.95	287.12
		287.08
		0.04

March Estimate Torrey Pines East Line
D.L. 100

414+0 to 424+75

BM	5.99	350.31	344.32	Mail Pail 84541 414+08
	✓ 414+0 = Beg. of Cut			
36 Lt		4.0	46.3	
18 Lt		3.2	47.1	
2		3.0	47.3	
	10 414+15			
4' RI		8.6	41.7	
2		9.5	40.8	
8 Lt		12.2	38.1	
28 Lt		12.2	38.1	
31 Lt		8.8	41.5	
37 Lt		3.9	46.4	
	10 414+25			
33 Lt		10.0	40.3	
28 Lt		12.5	37.8	
15 Lt		13.4	36.9	
2		12.4	37.9	
4' RI		12.0	38.3	
	↓ 414+50			
5' RI		11.9	38.4	
2		12.8	337.5	
31 Lt		13.0	337.3	
32 Lt		11.1	339.2	
TP	1.82	339.18	1295	337.31

Ⓟ

339.18

↓ 414+75

33 Lt	0.9	338.3
28 Lt	3.0	336.2
2	2.4	336.8
4' RI	2.6	336.6
	↓ 415+0	
7' RI	3.0	336.2
2	3.9	335.3
29 Lt	3.6	335.6
35 Lt	1.2	338.0
	↓ 415+25	
35 Lt	2.9	336.3
30 Lt	4.8	334.4
2	5.3	333.9
17' RI	5.3	333.9
	↓ 415+50	
10' RI	5.5	333.7
2	6.0	333.2
36 Lt	4.5	334.7
	↓ 415+75	
35 Lt	5.5	332.7
20 Lt	7.0	332.2
2	6.7	332.5
7' RI	6.2	333.0
	↓ 416+0	
2	5.8	333.4

March 27-31
Sisson
McCarthy
Northrup
Kistner

339.18

18 Lt	7.4	331.8
36 Lt	6.4	332.8
↓ 416+25		
36 Lt	6.5	332.7
30 Lt	7.7	331.5
5 Lt	7.7	331.5
2	9.6	329.6
↓ 416+50		
2	12.0	327.2
5 Lt	9.9	329.3
31 Lt	9.1	330.1
37 Lt	7.3	331.9
↓ 416+75		
36 Lt	9.5	329.7
28 Lt	11.2	328.0
18 Lt	12.1	327.1
2	11.6	327.6
4 RI	11.5	327.7
TP	0.27	327.28
↓ 417+0		
16 RI	2.5	324.8
2	2.6	324.7
28 Lt	2.0	325.3
36 Lt	0.3	327.0
↓ 417+25		
36 Lt	1.5	325.8

327.28

26 Lt	4.9	322.4 ³
2	5.9	321.4
11 RI	5.7	321.6
↓ 417+50		
23 RI	10.4	316.9
2	8.6	318.7
29 Lt	7.9	319.4
37 Lt	4.7	322.6
↓ 417+75		
37 Lt	6.7	320.6
39 Lt	10.7	316.6
2	11.8	315.5
33 RI	12.1	314.7
15 RI	11.8	315.5
TP	2.16	316.53
↓ 418+0		
12 RI	12.0	304.5
2	11.6	304.9
5 Lt	4.2	312.3
27 Lt	3.0	313.5
35 Lt	1.2	315.3
TP	0.18	304.31
↓ 418+25		
32 Lt	1.0	303.7
2	2.2	302.9
24 RI	1.4	302.8

30421

60' Pt	24	301.8
✓ 418+50		
60' Pt	3.8	300.4
30' Pt	3.4	300.8
2	4.0	300.2
30' Lt	3.6	300.6
✓ 418+75		
30' Lt	5.2	299.0
2	6.1	298.1
10' Pt	4.5	299.7
✓ 419+0		
2	14.3	289.9
13' Lt	8.7	295.5
30' Lt	6.6	297.6
✓ 419+25		
32' Lt	9.4	294.8
25' Lt	10.2	294.0
2	11.0	293.2
4' Pt	11.9	292.3
TP	111	292.16
1266		291.55
✓ 419+50		
10' Pt	0.5	292.1
2	1.7	291.0
25' Lt	1.1	291.6
31' Lt	0.0	292.7

292.16

419+75 Lt. Fc

34

30' Lt	3.4	289.3
25' Lt	4.8	287.8
2	5.0	287.7
4' Pt	4.3	288.4
✓ 420+0		
7.5' Pt	25.5	267.1
21' Pt	28.2	269.4
2	7.2	285.4
4' Lt	8.2	284.4
26' Lt	7.6	285.0
30' Lt	6.4	286.3
✓ 420+25		
30' Lt	8.8	283.8
21' Lt	10.2	282.4
2	10.9	281.8
19' Pt	13.0	279.7
40' Pt	25.0	267.7
60' Pt	24.6	268.0
100' Pt	23.1	269.6
125' Pt	21.9	270.7
160' Pt	20.0	272.7
169' Pt	20.3	272.3
✓ 420+50		
160' Pt	20.8	271.9
130' Pt	23.5	269.2

392.66

100' PL		25.4	267.3
75' PL		26.2	266.4
50' PL		27.1	265.6
10' PL		27.1	265.6
2		13.1	279.6
25' Lt.		12.4	280.3
29' Lt.		10.2	282.5
TP	0.81	280.51	12.96
	✓ 420+75		279.70
30' Lt		0.8	279.7
24' Lt.		3.2	277.3
2		3.3	277.2
5' PL		15.6	264.9
30' PL		16.3	264.2
60' PL		16.2	264.3
100' PL		14.3	266.2
130' PL		12.3	268.2
175' PL		11.0	269.5
	✓ 421+0		
175' PL		10.9	269.6
135' PL		12.2	268.3
100' PL		12.5	267.0
50' PL		14.6	265.9
13' PL		15.0	265.5
3' PL		5.3	275.2
2		6.2	274.3

280.51

23' Lt.		6.2	274.3
28' Lt.		5.0	275.5
	✓ 421+25		
27' Lt		9.2	271.3
2		9.8	270.7
10' PL		13.5	267.0
40' PL		14.1	266.4
75' PL		15.6	264.9
100' PL		15.8	264.7
140' PL		14.1	266.4
175' PL		12.3	268.2
180' PL		8.0	272.5
	✓ 421+50		
210' PL		12.8	267.7
175' PL		14.1	266.4
140' PL		15.5	265.0
100' PL		15.3	265.2
50' PL		13.3	267.2
2		14.1	266.4
21' Lt		12.8	267.7
27' Lt		11.6	268.9
TP	3.12	270.75	12.88
	✓ 422+0 = P.C. Lt		267.63
26' Lt		6.9	263.8
21' Lt		8.5	262.2
2		9.1	261.6

35

270.75

17' Pt	91	261.6
22' Pt	140	256.7
50' Pt	127	258.0
80' Pt	11.3	259.4
125' Pt	3.2	267.5
160' Pt	4.2	266.5
200' Pt	4.9	265.8
238' Pt	3.7	267.0

√ 422+50

247' Pt	61	264.6
215' Pt	85	262.2
175' Pt	97	261.0
125' Pt	120	258.7
75' Pt	15.3	255.4
40' Pt	15.7	255.0
5' Pt	18.0	252.7
2	13.3	257.4
25' Lt	14.0	256.7

TP 4.56 262.51 12.8° 257.95

√ 433+0

24' Lt	13.8	248.7
2	13.0	249.5
35' Pt	11.7	250.8
75' Pt	10.4	252.1
120' Pt	7.5	255.0
160' Pt	5.4	257.1

262.51

36

200' Pt	3.2	259.3
242' Pt	0.8	261.7
238' Pt	3.3	259.2
190' Pt	5.5	257.0
160' Pt	7.8	254.7
120' Pt	9.8	252.7
90' Pt	11.8	250.7

√ 423+40

60' Pt	13.4	249.1
30' Pt	15.4	247.1
2	17.3	245.2
24' Lt	16.5	246.0

√ 423+60

21' Lt	18.3	244.2
2	17.6	244.9
50' Pt	15.2	247.3
100' Pt	12.4	250.1
150' Pt	10.0	252.5
200' Pt	6.4	256.1
255' Pt	4.1	258.4

√ 424+0

240' Pt	6.9	255.6
200' Pt	8.2	254.3
150' Pt	11.9	250.6
100' Pt	15.0	247.5
50' Pt	17.2	245.3

262.51

8		17.8	244.7
8' Lt		18.0	244.5
12' Lt		20.0	242.5
24' Lt		20.0	242.5
TP	7.80	258.02	250.22

✓ 424 + 25

24' Lt		15.2	242.8
12' Lt		15.3	242.7
9' Lt		14.5	243.5
8		14.0	244.0
50' Pt		14.2	243.8
100' Pt		11.5	246.5
150' Pt		9.0	249.0
200' Pt		5.4	252.6
215' Pt		4.0	254.0

✓ 124 + 50

204' Pt		8.1	249.2
150' Pt		10.2	247.8
100' Pt		13.0	245.0
50' Pt		15.0	243.0
8		15.1	242.6
15' Lt		17.3	240.7
24' Lt		17.5	240.5
58' Lt		16.8	241.2
64' Lt		14.0	244.0
BM		15.0	253.52

Mail to
Send to
25.2.22
25.2.22

258.02

124 + 75

62' Lt		15.1	242.9
52' Lt		18.2	239.8
8		17.4	240.6
50' Pt		15.5	242.5
100' Pt		14.3	243.7
150' Pt		11.7	246.3
170' Pt		10.5	247.5
204' Pt. Edge Temp Pt		11.6	246.4

See Book 1372 page 30

April Estimate Terry Pines East Side

Sta 396+50 to 403+85			
BM #1	8.21	400.32	392.06
		396+50 ↓	
26' Lt		0.78	399.54
25' Lt		0.6	399.8
16' Lt		1.9	398.4
2		1.8	398.5
25' Rt		0.4	399.9
		397+0 ↓	
25' Rt		1.9	398.4
25' Rt		2.6	396.7
2		4.2	396.1
22' Lt		5.1	395.2
26' Lt		3.2	397.1
		397+50 ↓	
26' Lt		5.1	395.2
25' Lt		6.8	393.5
2		5.9	394.4
25' Rt		5.5	394.8
26' Rt		3.1	396.2
		398+0 ↓	
27' Rt		1.1	396.2
25' Rt		7.7	392.6
2		9.0	391.3
25' Lt		9.1	391.2
37' Lt		5.9	394.4

		400.32			
		398+50 ↓			
28' Lt		6.5		393.8	
25' Lt		10.1		389.9	
23' Lt		11.7		388.6	
2		10.9		389.4	
25' Rt		10.6		389.7	
28' Rt		4.7		395.6	
		399+0 ↓			
25' Rt		13.0		387.3	
2		13.3		387.0	
23' Lt		15.1		385.2	
25' Lt		14.1		386.2	
TP	0.55	388.25	12.62	387.70	
		399+09.61 EC ↓			
25' Lt		2.2		386.0	
23' Lt		2.2		385.0	
2		1.7		386.5	
25' Rt		1.6		386.6	
		399+50 ↓			
25' Rt		3.2		385.0	
2		3.7		384.5	

April 25-31
 Station
 McHugh 8
 Harrison
 Kanger

38825

25 H 40 384.2

10070 ↓

25 H 52 382.9

L 59 382.3

25 H 56 382.6

10075 ↓

25 H 87 379.5

L 80 380.2

25 H 85 379.7

10170 ↓

25 H 107 377.5

L 103 377.9

25 H 111 377.1

10175 ↓

25 H 128 375.4

L 125 375.7

25 H 123 375.9

38825

39

101750 ✓

25 H 121 375.1

L 123 375.0

25 H 134 374.9

TP 0.5P 376.85 · 1198 376.27

101775 ✓

10 H 97 367.1

22 H 95 373.3

25 H 98 373.0

L 95 372.3

25 H 99 372.0

10270 ✓

32 H 92 367.6

25 H 98 367.6

L 63 370.5

31 H 57 371.1

12 H 10.6 366.2

102725 ↓

16 H 98 367.0

30 H 72 369.6

25 H 80 368.8

L 27 368.1

37685

30' Lt	10.7	366.1
402+50 ✓		
25' Lt	13.6	363.2
2	11.3	365.5
32' Pt	8.1	368.7
10' Pt	10.6	366.2
402+75 ✓		
40' Pt	12.8	364.0
34' Pt	10.8	366.0
25' Pt	12.0	364.8
2	12.1	363.7
10' Lt	15.2	361.6
15' Lt Shot Dams	13.0	363.8
102+0 ✓		
10' Lt Shot Dams	7.2	369.6
2	12.5	364.3
5' Pt	13.6	363.2
34' Pt	12.0	364.6
40' Pt	14.6	362.4
402+25 ✓		
41' Pt	15.1	361.7
32' Pt	13.2	363.6
2	13.1	363.7
15' Lt Shot Dams	7.3	369.5
403+50 ✓		
10' Lt Shot Dams	6.8	370.0

37685

2	10.2	366.6 ¹⁰
9' Pt	16.0	360.8
24' Pt	13.1	363.2
41' Pt	16.1	360.7
403+75 ✓		
40' Pt	18.8	358.0
31' Pt	14.5	362.3
11' Pt	16.4	360.4
2 Shot Dams	10.4	366.4
10' Lt	4.5	372.3
403+85 - End of Fall 07 Pt.		
10' Lt Shot Dams	2.6	374.2
2	6.6	370.2
25' Lt	13.4	363.4
13.55	363.20	0.9846 25' Pt 102+11 363.35

April Estimate Torrey Pines East Line

37485

April 28-31
5.5000
No High
Kathy

	40470 to 415125		
BM #1	1.39	393.45	392.06
TP	5.09	386.04	380.95
TP	1.31	374.85	373.54
	40470 ✓		
26 Lt		3.6	371.2
1 Lt		4.2	370.6
1/2		6.2	368.6
17 Rt		7.3	367.5
29 Rt		3.4	371.4
	404725 ✓		
23 Rt		3.9	370.9
1/2		4.1	370.7
26 Lt		5.0	369.8
	404750 ✓		
26 Lt		5.0	369.8
1/2		4.5	370.3
15 Rt		4.3	370.5
	404775 ✓		
24 Rt		3.3	371.5
15 Rt		4.6	370.2
1/2		5.2	369.6
25 Lt		5.6	369.2
	40570 ✓		
25 Lt		6.1	368.7
1/2		5.3	369.5

19 Rt	4.5	370.3
30 Rt	2.8	372.0
	405725 ✓	
35 Rt	4.3	370.5
1/2	5.4	369.4
26 Lt	6.5	368.3
	405750 ✓	
26 Lt	6.6	368.2
1/2	6.0	368.8
35 Rt	4.5	370.3
	405775 ✓	
36 Rt	5.5	369.3
1/2	6.4	368.4
25 Lt	7.4	367.4
	40670 ✓	
21 Lt	7.7	367.1
1/2	7.0	367.8
39 Rt	5.4	369.4
	406725 ✓	
46 Rt	7.1	367.7
1/2	7.8	367.0
22 Lt	8.3	366.5
	406750 ✓	
22 Lt	8.9	365.9
1/2	8.1	365.2
25 Rt	7.5	362.3

37485

406725 ✓

13' Rt	70	367.8
1/2	91	365.7
29 Lt	99	364.9

40740 ✓

29 Lt	104	364.4
1/2	102	364.6
38 Rt	83	366.5

407125 ✓

30' Rt	96	365.2
1/2	100	364.8
30' Lt	113	363.5

407150 ✓

29' Lt	117	363.1
1/2	107	364.1
11' Rt	106	364.2
14' Rt	126	362.2
28' Rt	120	362.8

140 365.38 10.87

363.98

407175 ✓

26' Rt	73	358.1
10' Rt	76	357.8
1/2	40	361.4
8' Lt	11	363.8
25' Lt	29	363.0

36538

40810 ✓

27' Lt	10.4	355.0
1/2	11.4	354.0
27' Rt	10.3	355.1

TP 0.44 352.76 13.06 352.32

408125 ✓

27' Rt	11.3	351.4
1/2	2.1	350.6
27' Lt	1.4	351.3

408150 ✓

28' Lt	3.9	348.8
1/2	5.6	347.1
30' Rt	5.5	347.2

408175 ✓

29' Rt	9.8	343.5
1/2	8.7	343.0
28' Lt	6.0	346.7

40910 ✓

27' Lt	10.8	342.5
1/2	12.1	340.6
25' Rt	13.0	339.7

0.91 341.23 12.44 340.32

409125 ✓

27' Rt	4.1	337.1
1/2	4.0	337.2
27' Lt	2.3	338.9

341.23

409+50 ✓

27 Lt	40	337.2
L	60	335.2
27 Rt	64	334.8
109+75 ✓		
27 Rt	74	333.8
L	69	334.3
26 Lt	56	335.6
110+0 ✓		
27 Lt	62	335.0
L	76	333.6
25 Rt	84	332.8
110+25 ✓		
26 Rt	87	332.5
L	73	333.9
28 Lt	55	335.7
110+50 ✓		
28 Lt	49	336.3
L	68	334.4
22 Rt	87	332.5
37 Rt on Harte	85	332.7
110+78.8080 ✓		
27 Rt	83	332.9
12 Rt	79	333.3
L	67	334.5
28 Lt	54	335.8

341.23

34	5.64	335.77	1110	330.13	H 424 330.6
111+0 ✓					
29 Lt			0.0		335.8
L			12		334.6
29 Rt			32		332.6
111+25 ✓					
30 Rt			38		332.0
L			15		334.3
29 Lt			0.3		335.5
111+50 ✓					
29 Lt			0.3		335.6
L			21		333.7
31 Rt			4.0		331.8
111+75 ✓					
32 Rt			4.0		331.8
L			3.0		332.8
30 Lt			0.9		334.9
112+0 ✓					
29 Lt			2.4		333.4
18 Lt			2.9		332.9
11 Lt			11.3		324.5
L			11.3		324.5
23 Rt			10.3		325.5
32 Rt			3.8		332.0
112+25 ✓					
29 Rt			13.5		322.3

335.77

2		142	321.6
12 Lt		13.7	322.1
18 Lt		48	331.0
30 Lt		44	331.4
	412+50 ✓		
29 Lt		62	329.6
16 Lt		72	328.6
14 Lt		152	320.6
2		153	320.5
29 Pt		146	321.2
	412+75 ✓		
53 Pt		134	322.4
32 Pt		13.6	322.2
29 Pt		173	318.5
2		173	318.5
11 Lt		163	319.5
16 Lt		82	327.6
29 Lt		74	328.4
TP	0.07	3279.5	789
	413+0 ✓		327.88
29 Lt		0.3	327.6
11 Lt		11	326.8
5 Lt		103	317.6
2		112	316.7
30 Pt		113	316.6
32 Pt		90	318.9

327.95

50 Pt		9.5	318.4
	413+25 ✓		
50 Pt		11.6	316.3
25 Pt		132	314.7
2		128	315.1
7 Lt		81	319.8
12 Lt		19	326.0
29 Lt		1.0	326.9
	413+50 ✓		
30 Lt		1.0	326.9
12 Lt		2.6	325.3
6 Lt		700	317.9
2		159	312.0
28 Pt		153	312.6
56 Pt		157	312.2
	413+75 ✓		
53 Pt		170	310.9
26 Pt		163	311.6
2		15.7	312.2
8 Lt		119	316.0
11 Lt		32	324.7
30 Lt		2.3	325.6
	414+0 ✓		
35 Lt		3.7	324.2
11 Lt		42	323.7
8 Lt		14.0	313.9

4

327.95

322.75

15

2	18.0	307.9
31' Pt	18.6	309.3
45' Pt	18.2	309.7
	114 + 25 ✓	
15' Pt	19.8	308.1
23' Pt	19.8	308.1
2	18.6	309.3
5' Lt	17.0	310.9
9' Lt	5.3	322.6
30' Lt	4.9	323.0
TP	16.6	322.75
	114 + 56 ✓	68.6
		321.09
36' Lt	1.0	321.7
10' Lt	0.9	321.8
6' Lt	10.8	311.9
2	14.1	308.3
23' Pt	15.1	307.6
15' Pt	15.4	307.3
	414 + 75 ✓	
18' Pt	16.3	305.9
24' Pt	15.6	307.1
2	15.4	307.3
1' Lt	14.7	308.0
9' Lt	10.1	312.6
10' Lt	2.3	320.4
30' Lt	2.3	320.4

415.7 ✓	3.3	319.4
30' Lt	3.6	319.1
18' Lt	14.0	308.7
9' Lt	11.3	306.4
2	16.5	306.2
22' Pt	17.5	305.2
45' Pt		
	415 + 25 ✓	
15' Pt	17.6	305.1
23' Pt	17.1	305.6
2	17.3	305.4
6' Lt	17.0	305.7
11' Lt	13.0	309.7
14' Lt	4.9	317.8
30' Lt	4.6	318.1
TP	8.85	313.90

0.9 30.0
 20.5 21 41.1
 12.0 0.7
 313.95

April Estimate

225.0

426+50 to 435+27.60 EC.

BIV

0.48 235.04

234.56

Q.P. Curly
125+50

426+50 ✓ = Beginning of Shoulder

10' Lt.	131	221.9
28' Lt.	57	229.3
25.5' Lt.	55	229.5
23' Lt.	69	228.1
2	58	229.2
23' Rt.	45	230.5
25.25' Rt.	35	231.5
25' Rt.	22	231.8
60' Rt.	38	231.2

427+0 ✓

15' Rt.	140	221.0
31' Rt.	64	228.6
25.25' Rt.	63	228.7
23' Rt.	76	227.4
2	88	226.2 ✓
24' Lt.	96	225.4
26' Lt.	85	226.5
28' Lt.	85	226.5
15' Lt.	193	215.7

427+50 ✓

40' Lt.	202	214.8
28' Lt.	115	223.5
25.7' Lt.	114	223.6

235.04

235.0

21' Lt.	12.5	222.5
2	11.6	223.4
23' Rt.	10.5	224.5
25' Rt.	9.2	225.8
28.4' Rt.	9.3	225.7
40' Rt.	16.2	218.8

427+75 ✓

40' Rt.	17.4	217.6
28' Rt.	10.8	224.2
25.3' Rt.	10.7	224.3
32' Rt.	12.0	223.0
2	13.1	221.9
TP	0.12	222.42

24' Lt.	1.3	221.1
26' Lt.	0.0	222.4
28' Lt.	0.2	222.2
10' Lt.	8.5	213.9

428+0 ✓

40' Lt.	10.0	212.4
28' Lt.	17	220.7
25.8' Lt.	16	220.8
24' Lt.	29	219.5
2	18	220.6
23' Rt.	28	221.6
25' Rt.	10.3	222.7
28' Rt.	10.4	222.8

16

April 30, 31

55507

McClary

Hart

Kennedy

222.4

222.42

222.4

222.42

40' Pt	7.0	215.4
128+50 ✓		
40' Pt	101	217.3
28' Pt	24	220.0
2525Pt	2.4	220.0
23' Pt	40	218.4
2	5.0	217.4
21' Lt	5.5	216.9
252 Lt	4.3	218.1
28' Lt	4.3	218.1
40' Lt	13.6	208.8
429+0 ✓		
40' Lt	16.2	206.2
28' Lt	7.8	214.6
2525 Lt	7.5	214.9
23' Lt	8.7	213.7
2	7.9	214.5
23.5 Pt	6.7	215.7
25.5 Pt	5.5	216.9
29' Pt	5.5	216.9
40' Pt	12.1	209.3
429+50 ✓		
40' Pt	17.0	205.4
28' Pt	8.4	214.0
2525 Pt	8.4	214.0
23' Pt	9.9	212.5

2	10.8	211.6
23' Lt	11.8	210.6
2525 Lt	10.4	212.0
28' Lt	10.6	211.8
40' Lt	19.2	203.2
430+0 ✓		
40' Lt	21.5	200.9
28' Lt	13.7	208.7
2525 Lt	13.6	208.8
23' Lt	14.7	207.7
2	14.0	208.4
23' Pt	12.6	209.8
25.5 Pt	11.2	211.2
28' Pt	11.3	211.1
40' Pt	19.5	202.9
TP	0.52	209.93
	13.01	209.41
430+50 ✓		
40' Pt	10.4	199.5
28' Pt	1.8	208.1
25.5 Pt	1.9	208.0
23' Pt	3.1	206.8
2	4.3	205.6
23' Lt	5.2	204.7
25.7 Lt	3.9	206.0
28' Lt	4.1	205.8
40' Lt	12.5	197.4

20993

430775 ✓

40' Lt	13.3	196.6
28' Lt	5.6	204.3
258 Lt	5.5	204.4
23.5 Lt	6.8	203.1
2	6.0	203.9
23 Pt	4.9	205.0
255 Pt	3.6	206.3
28 Pt	3.5	206.4
40 Pt	12.0	197.9

43140 ✓

40' Pt	13.4	196.5
28' Pt	4.9	205.0
253 Pt	4.8	205.1
23' Pt	6.3	203.6
2	7.3	202.6
237 Lt	8.1	201.8
256 Lt	7.1	202.8
28.3 Lt	7.1	202.8
40' Lt	15.2	194.7

431450 ✓

40' Lt	18.3	191.6
28' Lt	10.1	199.8
257 Lt	10.0	199.9
23.6 Lt	11.5	198.4
2	10.4	199.5

20993

18

23.3 Pt	9.1	200.8
2525 Pt	7.9	202.0
28' Pt	7.9	202.0
40' Pt	16.2	193.7

431475 ✓

40' Pt	17.5	192.0
28' Pt	9.4	200.5
254 Pt	9.5	200.4
232 Pt	10.7	199.2
2	12.2	197.7
23.8 Lt	12.0	196.9
26' Lt	11.5	198.4
28.3 Lt	11.6	198.3
40' Lt	20.1	189.8

TP	2.41	199.27	13.07	196.86	199.3
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43240 ✓

40' Lt	10.8	188.5
28' Lt	2.4	196.9
258 Lt	2.4	196.9
23.7 Lt	3.8	195.5
2	2.9	196.4
234 Pt	1.6	197.7
2525 Pt	0.4	198.9
28' Pt	0.3	199.0
40' Pt	8.4	190.9

199.27

432+25 ✓

40' RL	99	189.4
28' RL	18	197.5
25.4' RL	1.8	197.5
23' RL	32	196.1
2	43	195.0
23.4' Lt	52	194.1
25.3' Lt	38	195.5
28.4' Lt	41	195.2
40' Lt	11.7	187.6

432+50 ✓

40' Lt	13.8	185.5
28.5' Lt	5.6	193.7
25.8' Lt	5.5	193.8
23' Lt	7.0	192.3
2	5.8	193.5
23' RL	4.8	194.5
25' RL	3.5	195.8
28' RL	3.4	195.9
40' RL	12.1	187.2

432+75 ✓

40' RL	13.7	185.6
28' RL	5.0	194.3
25' RL	5.1	194.2
23' RL	6.3	193.0
2	7.4	191.9

199.27

23' Lt	8.8	190.5
25.25' Lt	7.2	192.1
29' Lt	7.4	191.9
40' Lt	15.3	184.0
8M	8.6	191.1

433+0 ✓

40' Lt	16.6	182.7
28' Lt	8.8	190.5
25' Lt	8.8	190.5
22.7' Lt	10.2	189.1
2	8.9	190.4
23' RL	7.9	191.4
24.7' RL	6.6	192.7
28' RL	6.6	192.7
40' RL	15.2	184.9

433+25 ✓

40' RL	16.9	182.4
27.8' RL	8.2	191.0
24.9' RL	8.2	191.1
22.7' RL	9.7	189.6
2	10.5	188.8
23.4' Lt	11.5	187.8
25.7' Lt	10.1	189.2
28.2' Lt	10.2	189.1
40' Lt	17.9	181.4

B.P. Corbett
432+75
191.07

ENGINEERING DEPARTMENT
CITY OF SAN DIEGO.
CALIFORNIA.

30

199.27

433150 ✓

40 Lt.	18.5	180.8
39 Lt.	12.0	187.3
359 Lt.	11.9	187.4
21 Lt.	13.0	186.3
2	12.2	187.1 ✓
235 Rt.	11.0	188.3
254 Rt.	9.9	189.4
28 Rt.	9.8	189.5
40: Rt.	18.3	181.0
TP	123	188.54
	11.96	187.31
433165 = End of Shoulder of Lt.		
10' Rt.	8.0	180.5
282 Rt.	0.0	188.5
26 Rt.	0.0	188.5
21 Rt.	1.3	187.2
2	2.5	186.0
242 Lt.	3.1	185.4
255 Lt.	2.3	186.2
29 Lt.	2.2	186.3
34 Lt.	3.8	184.7
133175 ✓		
263 Lt.	3.0	185.5
23 Lt.	3.5	185.0
2	3.0	185.5
23 Rt.	2.0	186.5

188.5

256 Rt.	0.7	187.8
29 Rt.	0.6	187.9
40 Rt.	7.3	181.2

43410 = End of Shoulder of Rt.

33 Rt.	3.3	185.2
28 Rt.	2.4	186.1
25 Rt.	2.5	186.0
23 Rt.	2.7	185.8
2	4.5	184.0
23 Lt.	5.6	182.9
25 Lt.	5.6	182.9

434130

245 Lt.	7.9	180.6
207 Lt.	7.3	181.2
2	6.6	181.9
22 Rt.	6.3	182.2
25 Rt.	2.1	181.4

434150

28 Rt.	8.2	180.3
23 Rt.	7.6	180.9
2	7.7	180.8
23 Lt.	8.8	179.7
25 Lt.	9.1	179.4

188.54

434475

24.6 Lt	10.6	177.9
21.5 Lt	10.1	178.4
8	9.3	179.2
22' Rt	9.1	179.4
24.8 Rt	9.5	179.0

43540

25' Rt	11.1	177.4
23' Rt	10.4	178.1
8	10.8	177.7
22' Lt	11.8	176.7
25' Lt	12.3	176.2

435427.60 = 50

24.6 Lt	14.0	174.5
22' Lt	13.5	175.0
8	12.5	176.0
21.3 Rt	12.0	176.5
25' Rt	12.8	175.7

Final Cross Section
Top of Cut on Left

404+0 to 424+0

800 6/10/11

BM	253	377.82	375.29	401+50
	↓ 404+0			
304' Lt		4.5	373.3	
	↓ 404+25			
306' Lt		3.9	373.9	
	↓ 404+50			
32.0' Lt		4.3	370.5	
	↓ 404+75			
331' Lt		4.4	373.4	
	↓ 405+0			
33.2' Lt		4.7	373.1	
	↓ 405+25			
33.7' Lt		4.7	373.1	
	↓ 405+50			
34.2' Lt		5.3	372.5	
	↓ 405+75			
31.8' Lt		5.9	371.9	
	↓ 406+0			
31.5' Lt		6.5	371.3	
	↓ 406+25			
29.7' Lt		7.2	370.6	
	↓ 406+50			
30.3' Lt		8.5	369.3	
	↓ 406+75			
30.8' Lt		8.9	368.9	

May 21/11

Survey
Notes
Part 4 of 4
Kansas

Final Cross Section
Top of Cut on Left

	1047	4210		
			377.82	
	✓ 407+0			
33.0 LT		9.0		368.8
	✓ 407+25			
34.7 LT		9.3		368.5
	✓ 407+50			
34.0 LT		9.5		368.3
	✓ 407+75			
32.0 LT		10.2		367.6
T.P.	0.03	367.64	10.21	367.61
	✓ 408+0			
32.4 LT		3.3		364.3
	✓ 408+25			
29.7 LT		13.6		354.0
35.1 LT		7.3		360.3
	✓ 408+50			
29.2 LT		14.7		352.9
33.1 LT		8.1		359.5
	✓ 408+75			
30.6 LT		9.1		358.5
	✓ 409+0			
30.1 LT		14.0		353.6
TP	2.69	359.91	10.42	357.82

	359.91			
	✓ 409+25			
30.6 LT		8.5		351.4
	✓ 409+50			
29.4 LT		12.3		347.6
	✓ 409+75			
30.1 LT		15.7		344.2
	✓ 410+0			
30.6 LT		17.1		342.8
	✓ 410+25			
29.8 LT		16.7		343.2
	✓ 410+50			
30.5 LT		12.6		347.3
	✓ 410+7880-880			
31.1 LT		16.6		343.3
35.1 LT		9.3		350.6
	✓ 411+0			
32.1 LT		10.5		349.4
	✓ 411+25			
32.5 LT		12.3		346.6
35.1 LT		8.5		351.4
	✓ 411+50			
31.5 LT		17.0		342.9
33.5 LT		14.3		345.6

359.91

✓ 411+75

34.2H		125	347.4
TP	4.50	351.85	347.35

✓ 412+0

32.5H		128	339.0
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35.5H		64	345.4
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✓ 412+25

34.5H		71	344.7
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✓ 412+50

33.4H		70	344.8
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✓ 412+75

34.5H		73	344.5
-------	--	----	-------

✓ 413+0

33.7H		75	344.3
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✓ 413+25

35.2H		69	344.9
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✓ 413+50

33.2H		136	338.2
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38.2H		57	346.1
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✓ 413+75

36.2H		58	346.0
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✓ 414+0

35.6H		56	346.2
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Note. No. original Sec.

✓ 414+25

34.1H		165	335.3
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37.8H		55	346.3
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351.85

✓ 414+50

36.2H		61	345.7
-------	--	----	-------

✓ 414+75

37.1H		44	347.4
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✓ 415+0

37.4H		45	347.3
-------	--	----	-------

✓ 415+25

38.3H		49	346.9
-------	--	----	-------

✓ 415+50

38.2H		49	346.9
-------	--	----	-------

✓ 415+75

38.6H		51	346.7
-------	--	----	-------

✓ 416+0

38.6H		55	346.3
-------	--	----	-------

✓ 416+25

39.5H		57	346.1
-------	--	----	-------

✓ 416+50

39.7H		62	345.6
-------	--	----	-------

✓ 416+75

39.8H		59	345.9
-------	--	----	-------

✓ 417+0

40.2H		60	346.8
-------	--	----	-------

✓ 417+25

41.2H		57	346.1
-------	--	----	-------

✓ 417+50

41.2H		110	340.8
-------	--	-----	-------

over

54

345.7

351.85

347.3

347.4

347.4

347.3

346.9

346.9

346.7

346.3

346.1

345.6

345.9

346.8

346.1

340.8

1701-23-31
418+50 55

351.85

328.11

↓ 419+75.61 = EC

44 Lt	✓	5.1	346.7
44 Lt		10.5	341.3
48 Lt	✓	5.4	346.4
39 Lt		20.7	331.1
18 Lt		10.8	341.0
53 Lt		6.0	345.8

345 Lt	38.0	305.1
33.4 Lt	26.8	301.3
32 Lt	29.0	299.1
32 Lt	30.8	297.3
50 Lt	16.5	311.6

↓ 418+25

↓ 420+75

37.9 Lt		21.4	330.4	
TP	1.80	346.97	6.68	345.17
B/M	0.23	340.93	6.27	340.70
TP	0.14	328.11	12.96	327.97

32 Lt	33.6	294.5
50 Lt	22.7	305.4
69 Lt	6.3	321.8
91 Lt	5.2	322.9

Note
227.7 + 21.4
out on left
to temporary
Peak

↓ 418+50

↓ 421+0

352 Lt		10.9	317.2
32 Lt	↓	22.2	305.9
31.8 Lt	↓	27.1	301.0

37 Lt	19.8	308.3
50 Lt	12.3	315.8
51 Lt	7.1	320.7
90 Lt	6.7	321.4
100 Lt	5.1	323.0

↓ 419+25

↓ 421+25

32.7 Lt		25.3	302.8
352 Lt	↓	16.2	311.9

102 Lt	8.5	322.12	8.5	319.6
TP	8.85	322.12	4.84	323.27
70 Lt			10.1	322.0
80 Lt			4.9	327.2

33212

Note. No original Section

6

421+10

43' Lt 34 328.7

80' Lt 3.0 329.1

421+50

42.5' Lt 2.7 329.4

↓ 422+0

43.8' Lt 1.1 331.0

↓ 422+50

45.2' Lt 2.6 329.5

↓ 423+0

45.3' Lt 2.5 329.6

↓ 423+10

42.5' Lt 8.6 329.5

46' Lt 4.7 327.4

TP 0.97 320.56 1253 319.59

↓ 423+60

42' Lt 11.7 308.9

43' Lt 9.3 311.3

50' Lt 8.0 312.6

TP 0.23 307.94 1285 307.71 303.58

BM 4.36 303.58 303.58

↓ 424+0

35' Lt 21.3 281.6

37' Lt 24.1 283.8

Final Cross Section
Big Cut

426+0 to 415+0

BM 942 243.98

426+0

38' Lt	15.1	228.0
28.5 Lt	11.7	232.3
25.9 Lt	11.5	232.5
23 Lt	12.9	231.1
2	11.8	232.2
25 Rt	11.2	232.8
50 "	9.6	234.4
75 "	7.8	236.2
100 "	6.1	237.2
125 "	6.2	237.8
170 "	6.2	237.8

425+7.5

202 Rt	3.2	240.8
180 "	3.9	240.1
150 "	4.0	240.0
125 "	4.5	239.5
100 "	5.4	238.6
75 "	6.6	237.4
50 "	8.0	236.0
25 "	9.5	234.5
2	10.4	233.6
232 Lt	11.2	232.7
258 Lt	10.2	233.8

243.98

May 26-31

28 Lt	10.2	233.8
38 Lt	15.0	229.0
40 Lt	14.8	229.2
28.7 Lt	9.1	234.9
25 Lt	8.9	235.1
23 Lt	10.1	233.9
2	9.0	235.0
25 Rt	8.1	235.9
50 "	6.5	237.5
75 "	5.5	238.5
100 "	4.3	239.7
125 "	3.4	240.6
150 "	2.6	241.4
175 "	2.1	241.9
200 "	2.2	241.8
225 "	2.9	241.1
235 "	3.5	240.5

425+5.0

TP 783 251.55 0.26 242.72

425+2.5

220 Rt	8.1	243.5
200 "	8.4	243.2
175 "	8.0	243.6
150 "	8.5	243.1
125 "	9.7	241.9
100 "	10.4	241.2

5.5107
North

251.55

75 ft	11.5	240.1
50 "	12.6	239.0
25 "	14.4	237.2
1/2	15.2	236.4
23 ft	16.7	234.9
25 ft	15.2	236.4
28 ft	14.9	236.7
45 ft	15.7	235.9
65 ft	24.8	226.8
↓ 425.10		
65 ft	15.7	235.9
45 ft	14.3	237.3
28 ft	13.4	238.2
25 ft	13.4	238.2
23 ft	15.0	236.6
1/2	13.5	238.1
25 ft	12.7	238.9
50 "	10.9	240.7
75 "	9.7	241.9
100 "	8.8	242.8
125 "	8.0	243.6
150 "	6.7	244.9
175 "	6.0	245.6
200 "	6.0	245.6
208 "	6.4	245.2

251.55

58

↓ 424.75

205 ft	4.2	247.4
190 "	4.0	247.6
175 "	4.1	247.5
150 "	5.2	246.4
125 "	6.4	245.2
100 "	7.5	244.1
75 "	8.4	243.2
50 "	9.8	241.8
25 "	11.2	240.4
1/2	12.0	239.6
23 ft	13.4	238.2
25 ft	11.9	239.7
28 ft	11.8	239.8
47 ft	10.1	241.5
60 ft	9.1	242.5
68 ft	13.5	238.1
↓ 424.50		
70 ft	12.1	239.5
60 ft	8.8	242.8
40 ft	9.3	242.3
28 ft	10.4	241.2
25 ft	10.5	241.1
23 ft	11.9	239.7
1/2	10.5	241.1
25 ft	9.7	241.9

25155

50 ft	8.5	243.1
75 "	7.4	244.2
100 "	6.1	245.5
125 "	5.2	246.4
150 "	3.7	247.9
175 "	2.7	248.9
195 "	1.2	250.4
203 "	1.2	250.4
TP	7.55	250.82
	124 + 35	= Bottom of Cut on Lt.
210 ft	6.2	252.2
200 "	6.9	251.5
175 "	8.3	250.1
150 "	9.8	248.6
125 "	11.5	246.9
100 "	12.5	245.9
75 "	13.7	244.7
50 "	14.9	243.5
25 "	16.0	242.4
1/2	16.8	241.6
23 ft	18.2	240.2
25 ft	16.8	241.6
45 ft	15.3	243.1
57 ft	15.2	243.2
67 ft	12.5	244.9

25837

9

50 ft	424 + 25	74.0	262.4
41 ft		77.8	266.2
31 ft		1.0	257.4
25 ft		17.2	241.2
22 ft		17.0	241.4
2		15.9	242.5
25 ft		16.1	242.3
50 "		14.1	244.3
75 "		13.0	245.4
100 "		11.9	246.5
125 "		10.8	247.6
150 "		9.1	249.3
175 "		7.3	251.1
200 "		5.6	252.8
218 "		6.9	251.5
	124 + 10		
241 ft		2.6	255.8
225 "		2.5	255.9
200 "		3.8	254.6
175 "		5.3	253.1
150 "		7.5	250.9
125 "		9.2	249.2
100 "		10.5	247.9
75 "		11.6	246.8
50 "		13.8	245.6
25 "		13.4	245.0

Note:-
Cut on left
From
424 + 35 ft.
425 ft.
was filled
back in

258.37

2	14.5	243.9
21 ft	15.5	242.9
25 ft	16.1	242.3
✓ 423 + 60		
25 ft	13.9	244.5
21 ft	13.5	244.9
2	12.2	246.2
25 ft	11.2	247.2
50 "	10.5	247.9
75 "	8.8	249.6
100 "	7.8	250.6
125 "	6.1	252.3
150 "	4.8	253.6
175 "	3.4	255.0
200 "	1.9	256.5
225 "	1.1	257.3
250 "	0.5	257.9
✓ 423 + 40		
237 ft	11.0	259.4
225 "	0.2	258.2
200 "	1.0	257.4
175 "	2.0	256.4
150 "	3.6	254.8
125 "	5.1	253.3
100 "	6.4	252.0
75 "	7.7	250.7

258.27

60

50 ft	9.2	249.2
25 ft	10.0	248.4
2	11.1	247.3
22 ft	12.4	246.0
25 ft	12.7	245.7
✓ 423 + 0		
25 ft	10.6	247.8
22 ft	9.9	248.5
2	8.7	249.7
25 ft	7.6	250.8
50 "	6.7	251.7
75 "	5.5	252.9
100 "	4.4	254.0
125 "	3.6	255.8
150 "	1.5	256.9
175 "	0.0	258.4
TP	12.51	270.68
200 ft	11.0	259.7
225 "	9.6	261.2
242 "	8.8	261.9
✓ 422 + 50		
210 ft	6.3	263.4
225 "	7.1	263.6
200 "	8.6	262.1
175 "	9.6	261.1
150 "	10.8	259.9

27068

27341

 May 20, 31
 221725
 61

125' Pl	119	258.8
100 "	13.2	257.4
75 "	14.3	256.4
50 "	15.8	254.9
25 "	17.1	253.6
♂	17.8	252.9
22 Lt	18.8	251.9
25 Lt	19.6	251.1

(42240 - BC. - 1/4 of P. of D. on Pl)

25 Lt	11.2	254.4
22 Lt	15.8	254.9
♂	14.8	255.9
25' Pl	14.1	256.6
50 "	12.8	257.9
75 "	11.6	259.1
100 "	10.5	260.2
125 "	9.8	260.9
150 "	8.5	262.2
175 "	7.2	263.4
200 "	4.8	265.9
222 "	4.5	266.2
238 "	3.6	267.1

 8M 6.7° 27341 397 266.71 ^{on New Pl} 42240

225 Pl	5.0	268.4
200 Pl	1.4	272.0
175 Pl	3.9	269.5
150 "	8.1	265.3
125 "	7.8	265.6
126 " - 1/4 of Pl on D. Pl	11.0	262.4
100 "	12.2	261.2
75 "	13.3	260.1
50 "	14.3	259.1
25 "	15.4	258.0
♂	16.2	257.2
215 Lt	16.9	256.5
25 Lt	17.7	255.7

✓ 421450

25 Lt	16.1	257.3
22 Lt	15.1	258.3
♂	14.6	258.8
25 Pl	14.1	259.3
50 "	13.1	260.3
75 "	12.0	261.4
100 "	11.1	262.3
120 " - 1/4 Pl on D. Pl	10.1	263.3
130 "	7.5	265.9
150 "	4.8	268.6
175 "	4.6	274.0

273.4'

197 Pl	11.6	275.0
209 "	5.8	267.6
✓ 121+25		
183 Pl - Orig Ground	2.0	271.4
175 "	0.7	272.7
150 "	3.3	270.1
135 "	1.5	268.9
130 " - Wly of Pile Dirt	7.5	265.9
100 "	9.0	264.4
75 "	10.7	262.7
50 "	11.8	261.6
25 "	12.8	260.6
15 "	13.0	260.4
21 Lt	12.3	260.1
25 Lt	14.1	259.3
✓ 121+10		
25 Lt	12.4	261.0
21 Lt	11.8	261.6
15 "	11.5	261.9
25 Pl	11.4	262.0
50 "	10.3	263.1
75 "	9.6	263.8
100 "	8.0	265.4
125 "	6.5	266.9
146 " - Wly of Pile Dirt	4.4	269.0
157 "	1.4	272.0

273.4'

52

172 Pl	1.0	272.4
177 "	4.8	268.6
✓ 120+75 - Wly of Pile Dirt 50 Pl		
183 Pl	9.0	264.4
175 "	4.1	269.3
158 "	3.8	269.6
125 "	5.4	268.0
100 "	6.7	266.7
75 "	8.4	265.0
50 "	9.1	264.3
25 "	10.0	263.4
15 "	10.1	263.3
21 Lt	10.5	262.9
25 Lt	10.9	262.5
✓ 120+50		
25 Lt	9.2	264.2
21 Lt	8.9	264.5
15 "	8.6	264.8
25 Pl	8.5	264.9
50 "	7.9	265.5
75 "	6.6	266.8
100 "	5.3	268.1
125 "	4.0	269.4
150 "	2.1	270.8
166 "		

273.41

↓ 120+25

170 Pl	1.8	271.6
150 "	1.3	272.1
125 "	2.1	270.8
100 "	2.7	269.7
75 "	5.0	268.4
50 "	6.1	267.3
25 "	7.1	266.9
↓	7.0	266.4
22 H	7.3	266.1
25 H	7.7	265.7

↓ 120+0

25 H	6.0	267.4
22 H	5.5	267.9
↓	5.5	267.9
25 Pl	5.6	267.8
50 "	4.5	268.9
75 "	3.8	269.6
100 "	2.3	271.1
115 "	2.8	270.6

↓ 119+75H-FC

97 Pl	1.0	272.4
75 Pl	2.3	271.1
50 Pl	3.4	270.0
25 Pl	1.0	269.4
↓	1.0	269.4

273.41

64

22 H		4.2	269.2
25 H		4.6	268.8
BM	1316	282.71	3.86
	↓ 419+50		269.55
25 H		12.4	270.3
22 H		11.6	271.1
↓		11.7	271.0
25 Pl		11.8	270.9
50 "		11.1	271.6
75 "		10.3	272.4
90 "		9.8	272.9

↓ 419+25

82 Pl		9.0	273.7
75 "		9.3	273.5
50 "		9.3	273.4
25 "		10.3	272.4
↓		10.1	272.6
22 H		10.2	272.5
25 H		11.0	271.7

↓ 419+0

25 H		9.3	273.4
22 H		8.7	274.0
↓		8.5	274.2
25 Pl		8.7	274.0
50 "		7.8	274.9
75 "		7.3	275.4

BP. 26/10/14
419+75H-FC
269.53

282.71

83' Pt	72	275.5
↓ 418+25		
88' Pt	67	276.0
75' Pt	64	276.3
50' Pt	66	276.1
25' Pt	73	275.4
↓	70	275.7
22' Lt	71	275.6
25' Lt	78	274.9
↓ 418+50		
25' Lt	62	276.5
22' Lt	56	277.1
↓	56	277.1
25' Pt	58	276.9
50' "	51	277.6
75' "	54	277.3
95' "	53	277.4
103' "	81	274.6
↓ 418+25		
113' Pt	41	278.6
107' "	21	280.6
103' "	50	277.7
75' "	42	278.5
50' "	37	279.0
25' "	13	278.4
↓	42	278.5

282.71

23' Lt	41	278.6	5
25' Lt	50	277.7	
↓ 418+0			
25' Lt	34	279.3	
22' Lt	27	280.0	
↓	27	280.0	
25' Pt	29	279.8	
50' "	27	280.0	
75' "	28	279.9	
100' "	27	280.0	
145' "	39	278.8	
↓ 417+75			
125' Pt	20	280.7	
100' "	16	281.1	
75' "	12	281.5	
50' "	15	281.2	
25' "	13	281.4	
↓	12	281.5	
22' Lt	11	281.6	
25' Lt	18	280.9	
TT	1214	294.11	074
↓ 417+50			
25' Lt	116	282.5	
22' Lt	111	283.0	
↓	112	282.8	

294.11

294.11

25 Pf	11.1	283.0
50 Pf	11.1	283.0
75 Pf	11.1	283.0
100 Pf	11.1	283.0
120 Pf	11.5	282.6
↓ 417.25		
125 Pf	9.7	284.4
100 "	9.6	284.5
75 "	9.5	284.6
50 "	9.4	284.7
25 "	9.6	284.5
1/2	9.6	284.5
22 Lt	9.7	284.4
25 Lt	10.3	283.8
↓ 417.10		
25 Lt	9.0	285.1
22 Lt	8.3	285.8
1/2	8.1	286.0
25 Pf	7.9	286.2
50 "	8.2	285.9
75 "	8.2	285.9
100 "	8.4	285.7
125 "	8.3	285.8
↓ 416.75		
115 Pf	7.1	287.0
100 "	7.3	286.8

75 Pf	6.7	287.4
50 "	6.9	287.2
25 "	6.5	287.6
1/2	6.6	287.5
22 Lt	6.5	287.6
25 Lt	7.2	286.9
↓ 416.50		
25 Lt	5.5	288.6
22 Lt	4.9	289.2
1/2	4.8	289.3
25 Pf	5.1	289.0
50 "	5.1	289.0
75 "	5.2	288.9
100 "	5.1	288.5
112 "	5.4	288.7
↓ 416.25		
115 Pf	5.9	288.2
105 Pf	4.7	289.4
75 "	3.8	290.3
50 "	3.6	290.5
25 "	3.6	290.5
1/2	3.3	290.8
22 Lt	3.4	290.7
25 Lt	4.0	290.1

29411

✓ 41610

25 Lt	27	291.4
22 Lt	2.1	292.0
2	1.9	292.2
25 Pt	2.0	292.1
50 "	2.3	291.8
75 "	2.1	292.0
99 "	3.0	291.1

✓ 415175

93 Pt	0.7	293.4
75 "	0.6	293.5
50 "	0.4	293.7
25 "	0.5	293.6
2	0.4	293.7
23 Lt	1.0	293.1
25 "	1.4	292.7
TP	12.81	306.56
	0.39	293.72

✓ 415150

25 Lt	12.1	294.5
23 Lt	11.7	294.9
2	11.2	295.4
25 Pt	11.5	295.1
50 "	11.3	295.3
75 "	11.5	295.1
85 "	11.6	295.0

30656

57

✓ 415125

75 Pt	9.9	296.7
50 "	10.1	296.5
25 "	10.0	296.6
2	10.0	296.6
22 Lt	10.0	296.6
25 Lt	10.6	296.0

✓ 41510

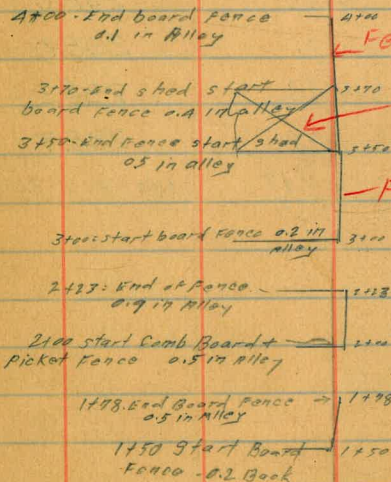
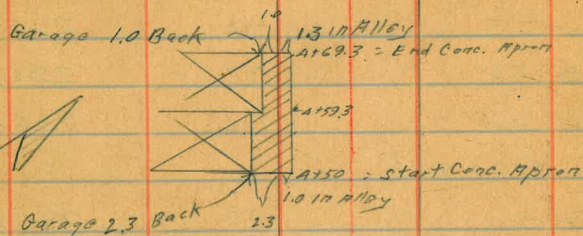
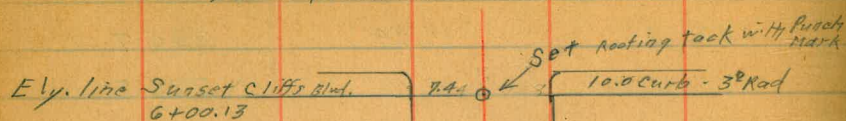
25 Lt	9.0	297.6
22 Lt	8.7	297.9
2	8.6	298.0
25 Pt	8.6	298.0
50 "	8.3	298.3
75 "	7.9	298.7
TP	7.47	299.09

on 5/6
25 Lt 41510

Sommermeier
Osborne
W Moore
1899.

X-sec Alley Bk 18 - O.B. Park

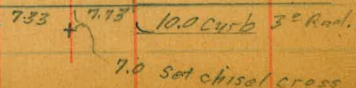
Between Valtaira & Lotus
Ebers to Sunset Cliffs Blvd.



Notes Reduced
 7/21/51
 8-8
 Potted
 50 ft
 Lotus - St.

Additional notes on loose leaf 9/21/51

Wly. line Ebers



Indexed
c.s.k.

X-sec. Bk 18 O.B. Park

8-2-44

68

S.V.B.P.
Valtaira &

0100 = Wly. line Ebers

Ebers	5.66	35.78	—	30.12
W. curb line 0-10 Ebers	5.71			30 07
7 ⁵ Lt	5.73			30 05
7 ⁵ Rt	5.64			30 14
W. line 0100 Ebers.	5.34			30 44
7 ³ Lt Gutter	5.15			30 63 ✓
" 7 ⁰ Ob	5.04			30 74
7 ³ Rt Gutter	5.09			30 69 ✓
" 7 ¹ Ob	4.97			30 81
0115	4.7			31 1
7 ⁵ Lt	4.5			31 3
7 ⁵ Rt	4.4			31 4
0119 - 12 ⁷ Rt start 3 car Garage Frame with Conc. Floor	4.24			31 54
0147 - 12 ⁸ Rt. End same	4.19			31 59
0150	5.2			30 6
6 ⁰ Lt - Chr. PP				
7 ⁵ Lt.	4.9			30 9
7 ⁵ Rt	5.0			30 8
0172 7 ⁸ Lt. dirt floor start 2 car Gar.	5.1			30 7
0196 7 ⁸ Lt End same	5.3			30 5
1100	5.5			30 3
7 ⁵ Lt	5.3			30 5
7 ⁵ Rt.	5.3			30 5

X-Sec.

Alley Bk 18

O. B. Park

8/1/44

69.

	X		
	35.78		
1+50 ☐	6.0	29.8	
7 ² Lt	6.0	29.8	
7 ³ Lt start board fence			
7 ² Rt.	5.8	30.0	
1+59 - 12 ² Rt. ^{ctr. 2 car} Garage door _{conc. floor}	5.40	30.38	
1+78 - 7 ² Lt - End board fence			
T.P. 3.74 33.48	6.04	29.74	✓
1+89 ^{ctr. 2 car Garage} _{conc. floor}	3.64	29.84	
2+00 ☐	4.1	29.4	
7 ² Lt start fence			
7 ² Lt	4.1	29.4	
7 ² Rt	4.0	29.5	
2+01 6 ² Lt = ^{ctr} P. Pole			
2+15 ^{ctr apron} 15 ² Rt 2 car Gar.	3.64	29.84	
^{ctr. floor} 16 ² Rt 2 car Gar.	3.50	29.98	
2+23 6 ² Lt End Wood Fence			
2+50 ☐	4.6	28.9	
7 ² Lt	4.5	29.0	
7 ² Rt	4.5	29.0	
2+85 ^{Edge. ctr. apron} 15 ² Rt 2 car garage	4.56	28.92	
16 ² Rt ctr. floor	4.47	29.01	
3+00 ☐ ^{Man Hole} _{rim}	5.10	28.38	
" " Ground	5.0	28.5	
5 ² Lt = P. pole			

	X		
3+00 7 ² Lt. ^{start board} fence	4.7	28.8	
7 ² Rt.	4.9	28.6	
3+50 ☐	5.5	28.0	
^{End fence} 7 ² Lt start shed	5.3	28.2	
7 ² Rt	5.5	28.0	
^{End shed} 3+70 7 ² Lt start board fence			
4+00 ☐	5.9	27.6	
7 ² Lt End fence	5.6	27.9	
7 ² Rt	5.6	27.9	
4+01-6 ² Lt = ctr P. Pole			
4+50 ctr	6.2	27.3	
7 ² Lt	6.0	27.5	
7 ² Rt	5.9	27.6	
T.P. 4.95 32.35	6.08	27.40	✓
^{ctr Garage} 4+55 ² 6 ² Lt Edge Apron	4.92	27.43	
^{ctr. Gar} 9 ² Lt on floor	4.85	27.50	
^{ctr. Garage} 4+64 ² 6 ² Lt Edge apron	5.20	27.15	
✓ 9 ² Lt Brk.	4.96	27.39	
✓ 8 ² Lt Gar. floor	4.91	27.44	
^{ctr. Garage,} 4+70-13 ² Rt on floor - _{Conc. floor}	4.41	27.94	
^{ctr. Garage,} 4+80-13 ² Rt on floor _{Conc. floor}	4.48	27.87	
5+00 ☐	5.0	27.4	
5 ² Lt - Ctr. P. Pole			
7 ² Lt	4.9	27.5	
7 ² Rt	4.8	27.6	

X-Sec. Alley - Bk. 18 - O.B. Park

		32.35	
5+18 ^E 8 ^{RT} Walk.	Start A.C. pav.	4.8	27.7
9 ^{RT} Walk on pav.		4.7	27.8
5+42 ^E 8 ^{RT} End of walk on pav.		4.8	27.6
9 ^{RT} on pav.		4.7	27.8
5+50 ϕ		5.2	27.2
7 ^{LT}		5.0	27.4
7 ^{RT}		4.9	27.5
5+75 ϕ		5.5	26.9
7 ^{LT}		5.3	27.1
7 ^{RT}		5.3	27.1
5+90 - 6.8 ^{LT} - ctr. P. pole			
6+00.13 Edge pav		6.72	25.63
7.00 ^{LT} Butt		6.45	25.90
+ Top Curb		6.35	26.00
7.55 ^{RT} Butt		6.42	25.93
v 1 ⁴ curb		6.40	25.95
6+10.13 - curb line ϕ		6.94	25.41
7 ^{LT}		6.90	25.45
7 ^{RT}		6.94	25.41
T.P.	5.26 31.23	6.38	25.97
S.W. B.R. Valtaire		5.59	25.64
+ Sunset Cliffs Blvd			
S.B.		25.62	
Error		0.02	

Bk. 18 O.B. Park
Improvements Along Alley

8/2/44

On the left

On the Right

3+50 on parking lot	Gasoline		
5+100	8 ^{RT} = start A.C. Park		
3+49 - 8 ^{RT}	7 ^{LT} = start 2' High 5' 5 1/2' con		
2+00	8 ^{RT} = end wall		
1+73 - 7 ^{RT}	7 ^{RT} = start 6' High Co		
1+44	15' LT = 3' conc. wa		
1+07	15' LT = 4' 3" conc. U		
0+50	= end conc. 9 ^{RT}		
0+26	9 ^{RT} = end apron & S		
0+00	9 ^{RT} = start conc. 4' 1/2'		

Garage

Duck

Car 8:5 "

JER

5

CHIEF Sommermeier

INSR Beqq

Job Description and Location Alley BIK 18. Ocean

CON Schielin

Beach Park. (Additional Notes)

DATE 7-21-55

CHN Flora

Orig. Notes in E.B. #137A pages 68 to 71

* G. NO. 32650

Note Eliminations (in red) in original notes.

No change in alley yardage

6+00	7 ³ Lt = end A.C. Parking Lot	25.97 20	25.9A 7 ⁹ A.C.	
5+90	7 ³ Lt. = end fence			
5+50	on parking lot gasoline station	26.98 20	26.87 8 ² A.C.	
5+00	8 ⁹ Lt. = start A.C. Parking lot for 7 ³ Lt. = start 2' High Sail fence	27.75 20	27.7A 8 ² A.C.	
3+47	8 ⁵ Rt. = ± 3' wide 6' High Mly + Sly. Conc. wall.			27.5 8 ⁵ B.W.
2+00	8' Rt. = end wall			29.5 7 ⁵ 8 ⁵ B.W.
1+73	7 ³ Rt. = start 6' High Conc. wall.			27.0 7 ⁸ B.W.
1+4A	15' Lt. = ± 3' Conc. walk	30.3A 25	30.35 15	
1+07	15' Lt. = ± 3' Conc. walk			
0+50	= end Gar. 9 ⁸ Lt.	30.22 25	30.25 15	
0+26	9 ² Lt. = end apron & start Gar.	31.00 20	31.05 9 ²	
0+00	9 ⁸ Lt. = start Conc. apron to Gar.	30.76 7 ⁸		

X-sec. Alley - BIK. 18 - O.B. Park

	32.35		
5+118 ^E 8 th RT. Walk. Start A.C. pav.	4.8	27.7	
9 th RT Walk on pav.	4.7	27.8	
5+142 ^E 8 th RT End of walk on pav.	4.8	27.6	
9 th RT. on pav.	4.7	27.8	
5+150 Φ	5.2	27.2	
7 th LT	5.0	27.4	
7 th RT	4.9	27.5	
5+175 Φ	5.5	26.9	
7 th LT	5.3	27.1	
7 th RT	5.3	27.1	
5+190 - 6.8 ft - ctr. P. pole			
6+00.13 Edge pav	6.72	25.63	
7th Lt Butt	6.45	25.90	
+ 7th Curb	6.35	26.00	
7.58 RT. Butt	6.42	25.93	
+ 7th Curb	6.40	25.95	
6+1043 - Curb line Φ	6.94	25.41	
8 th LT	6.90	25.45	
7 th RT	6.94	25.41	
T.P. 5.26 31.23	6.38	25.97	
S.W. B.R. Voltaire + Sunset Cliffs Blvd	5.59	25.64	
S.B.		25.62	
Error		0.02	

BIK. 18 O.B. Park
Improvements Along Alley 8/2/44

On the left	On the Right
0+50 - Start board fence 0.2 back	0+03 start board fence 0.1 back
0+92 End " " 0.5 back	0+19 End " " 6.0 "
v Start Fram Garage 0.5 back	v Start garage 5.2 back
0+96 End " " 0.3 back	0+47 End " 5.3 back
1+50 Start board fence 0.2 back	0+51 Start Garage ^{back} End 2.2 back
1+78 End " " 0.5 Alley ^{IN}	0+69 End " " 2.5 back
v Start Garage 3.8 back	v Start slot fence 2.5 back
1+98 End " " " "	1+00 End " " " "
2+00 Start fence 0.5 Alley ^{IN}	v Start board fence 2.4 back
2+23 End " 0.9 Alley ^{IN}	1+50 End " " 2.1 back
2+23 Start House 2.9 back	1+50 End of fence on
2+47 End " 2.6 "	lot line - 0.1 back
2+80 Start fence 1.8 "	1+51 Start garage 4.5 back
3+00 End " 1.8 "	1+73 End " " " "
v Start 7.47 ^{IN} 0.2 Alley	v Start picket fence 0.2 back
3+50 End 9.1 ^{IN} 0.5 Alley	2+00 End " " " "
v Start shed ^{IN} 0.5 Alley	v Start " " 8.5 back
3+70 End 10.1 ^{IN} 0.4 Alley	2+06 End " " " "
v Start fence 0.4 Alley ^{IN}	v Start garage
4+00 End " 0.1 back	Apron 7.5 back
4+50 Start Garage	Gar. 8.5 "
Apron 1.0 Alley ^{IN}	2+24 End garage
Garage 2.3 Back	Apron 7.5 back
	Gar 8.5 "

B/K. 18 O.B. Park
Improvements Along Alley

8/2/44

71

To LEFT of Φ On Right of Φ

4+59.3 End Garage 2+24 Start fence 8.5 back
Apron 1.0 ^{IN} Alley 2+29 L IN " 0.7 back
Garage 2.3 Back 2+70 L " " 0.5 "
✓ Start garage 2+76 End " 7.5 "
Apron 1.3 ^{IN} Alley ✓ Start Garage
Garage 1.0 back Apron 7.5 back

4+69.3 End Garage Garage 8.5 back
Apron 1.3 ^{IN} Alley 2+94 End Garage
Garage 1.0 Back Apron 7.5 back

4+70 Start Fence 0.1 Back Gar 8.5 "
+92 End " 0.2 Back 2+94 Start fence 8.5 "
✓ Start shed 0.2 Back 3+18 End " " "
5+00 End shed 0.2 Back ✓ Start shed ^{garage} 0.5 back
3+29 End " " "
3+48 ^{board} Start fence " "
3+70 End board fence " "
3+51 Start wire fence 1.5 back
✓ " Lath house 1.6 "
3+63 End " " 1.6 "
4+00 n Wire fence 1.2 "
4+68 Start 2 Garages 6.1 back
4+85 End " 6.1 "
5+00 Start fence 3.0 back
+15 End " " "

on the right

5+18^E start H.C. walk 0.9 back
5+20 " Picket fence 2.0 "
5+22^E End H.C. Pav. walk 1.0 back
5+50 End picket fence 2.0 back
5+50 start steel bldg.
oil station strap 1.0 back
5+70.5 End same 0.6 back
✓ Start Edge of service
yard Conc. Pav. 0.6 back
5+76 L in paving line 0.8 "
6+00.13 End conc. Pav. 0.5 "
" = Fly line Sunset
Cliffs Blvd.

see sketch
page 60

Walker
Hazard
Harden
Beggs
10-23-44

CROSS SECTION - Lincoln Ave 80' wide
from Georgia St.
to Florida St.
10' 1/2"

H.I.

B.M. 577 7' high
Lincoln
& Georgia

2.62 327.79 325.17

0 - 18" = E. cb. Georgia St.

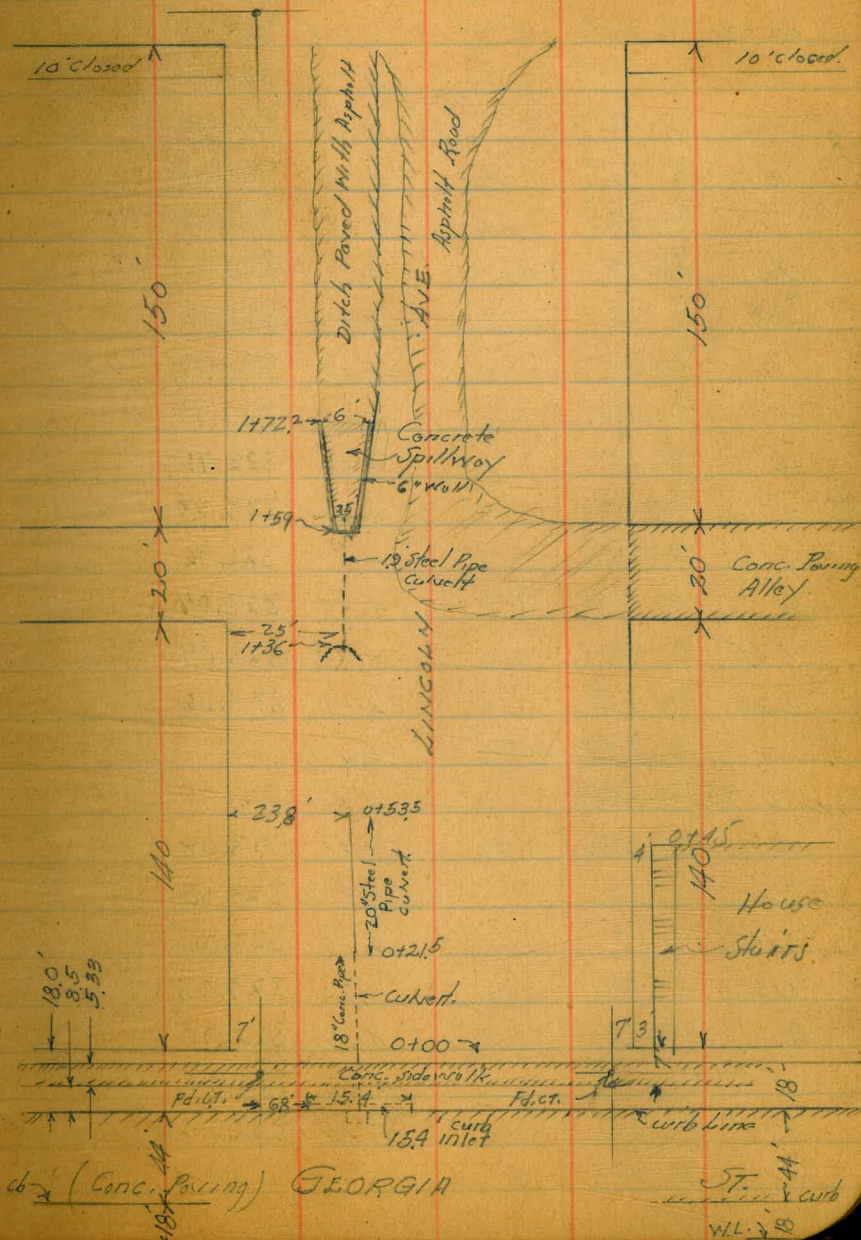
- 20" on cb.	4.27	323.52
" " Gvt.	4.88	322.91
5 L. on cb.	4.81	322.98
" " Gvt.	5.42	322.37
cb. on cb.	4.96	322.83
" " Gvt.	5.58	322.21
1/4 " cb.	5.00	322.79
" " Gvt.	5.55	322.24
1/2 " "	5.56	322.23
" " cb.	4.97	322.82
N 1/4 Gvt.	5.96	321.83
" " cb.	4.96	322.83
cb. over inlet	5.02	322.77
Gvt. " Grating	6.02	321.77
on Flow inlet	11.55	316.24
+ 6" N end inlet Gvt.	5.94	321.85
" " " " on cb.	4.97	322.82
N.L. on Gvt.	5.54	322.25
" " cb.	4.99	322.80
+ 20 " "	4.83	322.96
" " Gvt.	5.43	322.36

Cont. P-73

indexed
C.S.K.

FLORIDA

ST. 72



cb. (Conc. Paving) GEORGIA

ST. 72
V.L. 18

32779

0-2.5' = W edge Existing Walk

NL-20	on Walk.	4.64	323.15
NL.	" "	4.78	323.01
+15	" "	5.09	322.70
cb.	" "	5.11	322.68
1/4	" "	5.01	322.78
L.	" "	4.92	322.87
+8	" "	5.03	322.76
1/4	" "	5.17	322.62
+5	" "	5.02	322.77
cb.	" "	4.88	322.91
+9	" "	4.76	323.03
+12	" "	4.83	322.96
SL.	" "	4.70	323.09
+0.5'	" "	4.75	323.04
+20	" "	4.13	323.66
EL - 4.17' = E edge Walk			
SL-20	" Walk	4.08	323.71
-0.5	" "	4.71	323.08
SL.	" "	4.69	323.10
+10	" "	4.79	323.00
+12	" "	4.76	323.03
cb.	" "	4.89	322.90
+1	" "	4.82	322.97
+9	" "	5.13	322.66
1/4	" "	5.11	322.68

32779

1/4+2'	on Walk.	4.98	322.81	73
L.	" "	4.91	322.88	
1/4	" "	5.01	322.78	
cb.	" "	5.17	322.62	
+10	" "	5.00	322.79	
N	" "	4.76	323.03	
+20	" "	4.57	323.22	
0+00 = Eline Georgia St				
-20		4.9	322.89	
N		5.4	322.39	
+10		5.7	322.09	
+14		6.4	321.39	
+18		6.6	321.19	
cb.		5.7	322.09	
+2		5.2	322.59	
1/4		4.9	322.89	
L.		4.6	323.19	
1/4		4.8	322.99	
cb.		4.8	322.99	
+2	4.5'E = 16" Pepper			
+7	= Elec. Pole			
SL		4.9	322.87	
+13	on walk to stairs	4.77	323.02	
0+10				
3	on ground at stairs	8.3	319.49	
"	" stairs	7.3	320.49	

327.79

0710 Cont.

SL		8.3	319.49
+15		7.9	319.89
cb.		6.1	321.69
+4		4.9	322.89
5/4		4.5	323.29
£		4.3	323.49
+5		4.0	323.79
1/4		6.0	321.79
cb.		2.6	318.19
+10		11.1	316.69
N		12.3	315.49
+20		11.8	315.99
T.P.	0.66	13.00	314.79
	0+20		
-20		6.1	309.35
N		5.6	309.85
+7		3.3	311.95
+12		0.5	314.95
+15		0.5	314.95
+18		2.9	312.55
cb.		2.8	312.65
1/4		+2.5	317.95
£		+6.2	321.65
5/4		+6.4	321.85
+3'		+6.1	321.55

315.45

5 cb.	+3.0	318.45	24
+12'	-3.2	312.25	
5	4.1	311.35	
+3 at stairs	4.1	311.35	
			0+30
-3' at stairs	2.4	306.05	
5	2.4	306.05	
+3	2.5	306.95	
cb.	0.0	315.45	
+3	+0.7	316.15	
+6	+2.4	317.85	
1/4	+3.4	318.85	
£	+2.1	317.55	
+4	+2.7	318.15	
+7	+0.6	316.05	
1/4	-0.8	314.65	
cb.	5.0	310.45	
+5	2.0	313.45	
+9	2.4	313.05	
+17	6.5	308.95	
N	6.7	308.75	
+20	2.1	306.35	
			0+40
-20	2.4	306.05	
H	8.0	307.45	
+7	7.4	308.05	
+10	6.1	309.35	

315.45

Lincoln

N +16	5.3	310.15
cb.	8.0	307.45
+2	8.7	306.75
+5	8.5	306.95
N 1/4	5.5	309.95
+3	3.4	312.05
2	2.7	312.75
S 1/4	1.5	313.95
cb.	3.2	312.25
+10	7.9	307.55
5	10.3	305.15
+3 at stairs	10.3	305.15
0+50		
-10 in yard lawn	11.2	304.25
5	11.1	304.35
+11	10.3	305.15
cb.	8.8	306.65
1/4	7.3	308.15
+5	6.5	308.95
E	6.9	308.55
+2	6.9	308.55
1/4	2.0	306.45
+5	10.6	304.85
cb.	11.1	304.35
+7	9.1	306.35
N	9.4	306.05
+20	10.2	305.25

315.45

75

0+55		
-20	11.8	303.65
N	10.7	304.75
+13	10.1	305.35
+18	12.4	303.05
cb.	13.2	302.25
+13.8	12.2	303.25
1.5' W of flow culvert ^{20'}		
+4	15.5	299.95
+6	11.8	303.65
1/4	10.1	305.35
2	8.8	306.65
+4	8.7	306.75
1/4	11.0	304.45
cb.	10.6	304.85
+10	11.0	304.45
5	11.4	304.05
10	12.0	303.45
0+65		
-10	12.4	303.05
5	11.2	303.55
cb.	11.5	303.95
1/4	11.9	303.55
+5	11.8	303.65
2	13.2	302.25
+8	13.0	302.45
1/4	14.0	301.45

31545

LINCOLN AVE.

1/4 + 15'			12.1	296.35
cb.			16.1	299.35
+10			15.7	299.75
N			16.1	299.35
+20			16.8	298.65
	0 + 70			
T.P.	145	303.23	12.97	302.48
-20			6.9	297.03
N			6.4	297.53
+10			6.3	297.63
+15			5.7	298.23
cb.			6.0	297.93
+3			7.6	296.33
+7			4.6	299.33
1/4			4.3	299.63
+7			3.9	300.03
2			2.7	301.23
+5			0.9	303.03
1/4			0.7	303.23
cb.			0.5	303.43
+10			1.0	302.93
S			0.9	303.03
+10			0.7	303.23
	0 + 85			
-10			5.5	298.43
S-2			5.5	298.43

30393

S	6.5	297.43	76
+10	7.8	296.13	
cb.	8.5	295.43	
1/4	8.5	295.43	
2	8.9	295.03	
+5	8.3	295.63	
1/4	8.7	295.23	
+5	8.8	295.13	
+8	9.7	294.23	
cb.	9.1	294.83	
+10	8.9	295.03	
N	8.8	295.13	
+20	8.6	295.33	
	1 + 00		
-20	10.9	293.03	
-10	10.5	293.43	
N	10.6	293.33	
+10	10.4	293.53	
+18	10.5	293.43	
cb.	13.1	290.83	
+2	13.1	290.83	
+6	13.1	290.83	
+8	10.6	293.33	
N 1/4	10.5	293.43	
2	11.3	292.63	
1/4	10.9	293.03	

303.93

LINCOLN AVE.

292.18

77

5 cb.	111	292.83
110	10.9	293.03
5	10.7	293.23
110	10.4	293.53
(0+90 Extra)		
8-10	9.6	294.33
5	9.5	294.43
110	9.4	294.53
1+10		
-10	13.2	290.73
5	13.0	290.93
+7	12.8	291.13
110	12.2	291.73
cb.	12.2	291.73
1/4	12.2	291.73
+6	12.4	291.53
2	13.2	290.73
+3	11.9	292.03
1/4	11.5	292.43
+3	11.7	292.23
+6	15.1	298.83
cb.	15.1	298.83
+2	11.5	292.43
N	11.5	292.43
+20	12.6	291.33
T.P.	0.67	292.18
	12.42	291.51

1+20		
-20	2.1	290.08
-5	2.9	289.28
-3	0.9	291.28
N	0.9	291.28
+12	1.8	290.38
+16	1.6	290.58
+19	6.2	285.98
cb.	7.1	285.08
+4	6.9	285.28
+8	2.0	290.18
1/4	1.9	290.28
+5	2.2	289.98
2	3.2	288.98
+5'	1.9	290.28
1/4	2.0	290.18
cb.	2.0	290.18
+10	1.6	290.58
5	1.9	290.28
+8' at Porch	1.8	290.38
" on " Conc. Landing	1.2	290.98
1+36		
-8'	3.2	288.98
5	3.2	288.98
+5	3.5	288.68
+7	4.7	287.48
+10	4.5	287.68

Sub.	5.2	286.98
1/4	5.8	286.38
+5	5.6	286.58
+6	6.6	285.58
+9	6.7	285.48
£	5.7	286.48
1/4	5.7	286.48
+5 on Floor 19' Culvert	10.1	282.08
cb.	6.0	286.18
+10	5.7	286.48
N	5.5	286.68
+20	5.3	286.88

1+40

-20	6.5	285.68
N	7.0	285.18
+10	7.1	285.08
cb.	7.2	284.98
+5	7.2	284.98
" 4" W on Hd Wall	5.9	286.28
1/4	7.5	284.68
£	7.7	284.48
1/4	7.8	284.38
cb.	7.8	284.38
S on Paving	7.23	284.95

1+50

S on Paving & Alley	8.25	283.93
+10	8.6	283.58
cb.	9.0	283.18
1/4	9.2	282.98
£	9.1	283.08
1/4	8.8	283.38
cb.	8.3	283.88
+10	7.8	284.38
N	7.5	284.68
+20	7.3	284.88

1+60

-20	8.7	283.48
N	8.7	283.48
+10	8.8	283.38
19	9.1	283.08
cb.	9.7	282.48
+3	10.4	281.78
" on Floor	12.45	279.73
+7' " "	12.4	279.78
+7.1	10.4	281.78
N 1/4	10.2	281.98
£	10.2	281.98
1/4	10.2	281.98
cb.	10.3	281.88
+13	9.3	282.88
S on Conc. Pav. Alley	8.57	283.61

292.18

1+59	on Floor 1.9' Culvert	12.25	279.93
1+58	" Hd Wall	8.7	283.48
	1+72.2		
-10		2.0	283.18
S		2.4	282.78
+11		10.7	281.48
-15		12.2	279.98
cb.		12.1	280.08
"		11.7	280.48
"		11.7	280.48
"		12.2	279.98
13'	on Hd Wall	12.6	279.58
"	" Floor ^{Cone} Spillway	13.6	278.58
+9	" " "	13.6	278.58
cb.	" Hd. Wall	12.6	279.58
+5		10.1	282.08
+10		10.7	281.48
N		10.8	281.38
+20		10.7	281.48
	1+20		
-20		12.7	279.48
N		13.8	278.38
+10		13.4	278.78
T.P.	0.66 280.01	12.83	279.35
43		1.2	278.81
cb.		2.5	277.51

280.01

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cb +2	N edge Ditch	3.5	276.51	paved
+7	S " "	3.5	276.51	"
N "4		2.5	277.51	
+2		1.9	278.11	
+7'	N edge oil Pav	1.9	278.11	
"	on " "	1.8	278.21	
S "4	" "	1.9	278.11	
+4		2.1	277.91	
cb		2.5	277.51	
+4		2.6	277.41	
+7		1.8	278.21	
S		1.5	278.51	
-15		0.0	280.01	
	2+10 = E Gauge on S			Dirt Floor
-22	at Gauge	5.6	274.41	
S		5.7	274.31	
+14		5.2	274.81	
+17		5.5	274.51	
cb.		5.1	274.91	
+8	S edge Pav	4.6	275.41	
"		4.5	275.51	
"		4.4	275.61	
+5	N " "	4.4	275.61	
N "4		4.6	275.41	
+3	S edge Ditch	5.5	274.51	
-18	N " "	5.5	274.51	

280.01

N cb.	1.8	275.21
+2	4.2	275.81
+10	3.5	276.51
N	3.2	276.81
+20	2.1	277.91

2+30

-10	4.8	275.21
N	5.1	274.91
+10	5.4	274.61
cb.	7.0	273.01
+3 N edge Ditch Paved	8.0	272.01
+8 S " " "	8.0	272.01
1/4	7.4	272.61
+2	7.1	272.91
+5 N edge Pav.	7.1	272.91
2 on "	7.0	273.01
1/4	7.2	272.81
+2 S edge "	7.3	272.71
cb.	7.9	272.11
+5	8.0	272.01
+7	7.5	272.51
S	7.6	272.41
+9 at Parth	7.6	272.41

2+53=2 Garage on S

-9 at garage dirt floor	2.5	270.51
S	9.7	270.31

280.01

5+10	9.8	270.21	8n
+16	10.7	269.31	
cb.	10.7	269.31	
+8 on Pav.	10.3	269.71	
5 1/4	10.2	269.81	
2	10.1	269.91	
+5 N edge Pav	10.2	269.81	
+9	10.3	269.71	
1/4	10.5	269.51	
+2 S edge Ditch	11.2	268.81	
+8 " " "	11.0	269.01	
cb.	10.0	270.01	
+10	7.8	272.21	
N	7.5	272.51	
+10	7.2	272.81	
	2+68		
-10	13.6	266.41	
N	10.7	269.31	
+10	10.5	269.51	
cb.	12.4	267.61	
+2 on Pav.	13.0	267.01	
+8 " "	13.0	267.01	
1/4 " "	12.6	267.41	
2 " "	12.2	267.81	
1/4 " "	12.3	267.71	
+5 S edge Pav.	12.4	267.61	

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28001

LINCOLN AVE

S cb.			127	267.35
+4			129	267.11
18			114	268.61
5			118	268.21
+4 at House			118	268.21
T.P.	2,05	269.08	12,98	267.03
	2790			
-4'			38	265.28
5			38	265.28
+12			36	265.48
+16			50	264.08
cb.			49	264.18
+3 S edge Pav. (011)			47	264.38
1/4 on " "			45	264.58
L " " "			43	264.78
N 1/4			43	264.78
+2			49	264.18
cb.			50	264.08
+1 N edge Ditch			50	264.08
+6			38	265.28
+10			35	265.58
N			44	264.68
+10			44	264.68

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DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder
 stake for any width roadway, slope 1% to 1.
 If ground is nearly level, the cut or fill at side
 stake is located by the double entry method in
 left column and top row. The number in body

IMPROVED TABLES AND INFORMATION

TABLE No. 2.

To find Tangent and External for curve of
 any other degree divide by degree of curve and
 add correction found in column of corrections.
 Degree of curve with a given L may be found
 by dividing tangent (or external) opposite L by
 given tangent (or external).
 The distance from a point on the tangent to
 the curve is very nearly the square of the tangent
 length divided by twice the radius.

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.