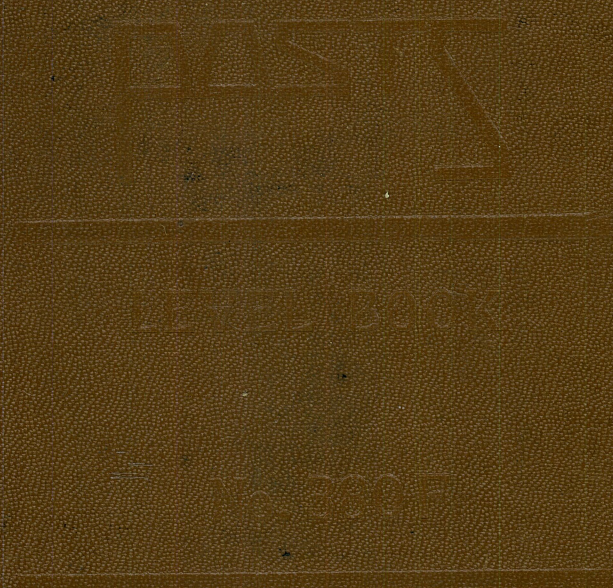


1326
X. Sec Rose
Canyon

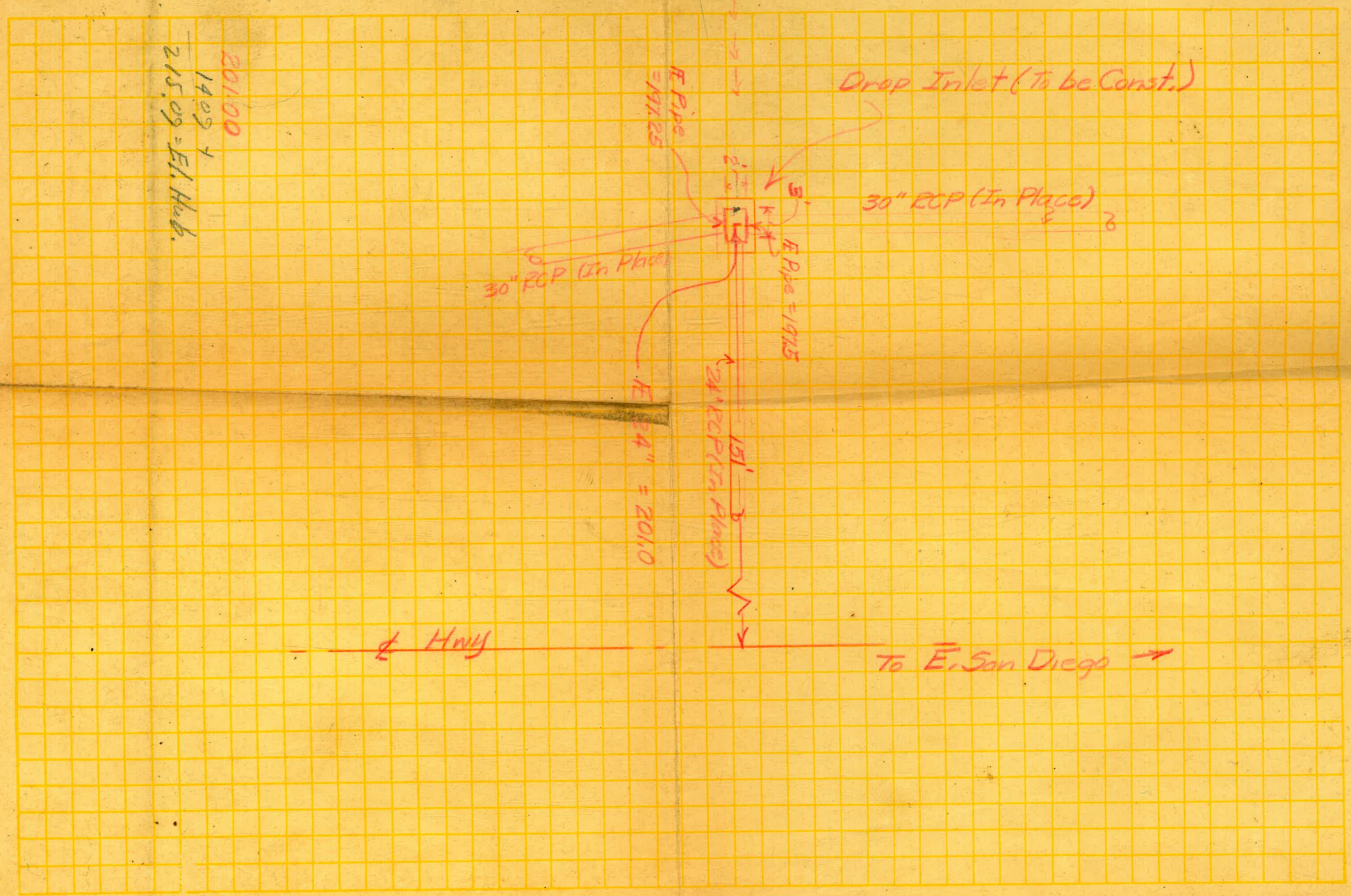


STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS

23.00
 9.55
 13.45

10V.9
 33.1
 13.84
 229.09
 13.84
 215.25

201.00
 1409.4
 215.09 = E.I. Hub.



ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

ERROR PAGE

- 5
- 10
- 12
- 15
- 18 (2)
- 19 (2)
- 20
- 27

CORRECTED ON X-SEC. SHEETS

0565 : B M

19 31

#1

25 46

MICROFILMED
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THE FREDERICK POST CO.
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IRVING PARK STATION
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No. 385 & 384 of no. 385

U56295

1

B.M. 4.11 23.42 19.31

0-16³ Sec on E Exist Pav

100'L	7.02	16.40
25L	5.33	18.09
±	4.82	18.60
25R	4.22	19.20
100R	2.39	21.03

0-6³ Sec on N. edge Exist Pav

100R	2.50	20.92
25R	4.30	19.12
±	4.91	18.51
25L	5.50	17.92
100L	7.17	16.25

0+00

30L	5.6	17.8
-----	-----	------

25L	5.4	18.0 [✓]
-----	-----	-------------------

±	4.9	18.5 [✓]
---	-----	-------------------

25R	4.1	19.3 [✓]
-----	-----	-------------------

30R	3.9	19.5
-----	-----	------

0+50

30R	4.0	19.4
-----	-----	------

25R	4.1	19.3 [✓]
-----	-----	-------------------

15R	5.6	17.8
-----	-----	------

±	5.4	18.0 [✓]
---	-----	-------------------

15L	5.8	17.6
-----	-----	------

25L	5.5	17.9 [✓]
-----	-----	-------------------

30L	5.7	17.7
-----	-----	------

Plotted to Sta. 23+50
3-17-29 - T.G.H.

1+00	23.42		
30L	6.0	17.4	
25L	5.9	17.5 ✓	
15L	6.3	17.1	
♀	5.8	17.6 ✓	
7R	5.9	17.5	
14R	6.5	16.9	
22R	4.4	19.0	
25R	4.4	19.0 ✓	
30R	4.9	18.5	

2+00			
30R	6.2	17.2	
25R	5.8	17.6 ✓	
18R	6.7	16.7	
13R	6.3	17.1	
10R	7.0	16.4	
♀	6.9	16.5 ✓	
15L	7.6	15.8	
16L	6.9	16.5	
25L	7.1	16.3 ✓	
30L	7.4	16.0	
TR	3.81	20.18	7.05 16.37

2+39²²B.C 20.18 2

30L	4.6	15.6
25L	4.3	15.9 ✓
16L	3.6	16.6
15L	4.6	15.6
♀	3.9	16.3 ✓
12R	3.9	16.3
13R	3.4	16.8
20R	3.4	16.8
23R	2.9	17.4
25R	3.5	16.7 ✓
30R	3.6	16.6

3+00		
30R	4.1	16.1
25R	4.0	16.2 ✓
22R	4.0	16.2
20R	3.4	16.8
19R	3.9	16.3
10R	3.7	16.5
9R	4.3	15.9
♀	4.0	16.2 ✓
18L	5.0	15.2
19L	4.2	16.0
23L	4.1	16.1
25L	4.6	15.6 ✓
30L	4.9	15.3

3+50 20.18

30L	5.0	15.2
25L	4.3	15.9
20L	4.4	15.8
19L	5.1	15.1
£	4.4	15.8
8R	4.7	15.5
9R	4.0	16.2
13R	4.5	15.7
25R	4.3	15.9
30R	4.5	15.7

4+00

30R	4.2	16.0
25R	4.0	16.2
5R	4.4	15.8
3R	5.1	15.1
£	5.0	15.2
25L	4.8	15.4
30L	5.0	15.2

4+50

30L	5.1	15.1
25L	5.4	14.8
£	5.4	14.8
25R	4.5	15.7
30R	4.2	16.0

(conc curbed)
old wall 10' deep 5' dia

20.18
4+89⁹⁰ EC

30R	5.2	15.0
25R	5.3	14.9
£	5.1	15.1
5L	5.5	14.7
6L	6.5	13.7
25L	5.9	14.3
30L	5.7	14.5

5+00

30L	6.0	14.2
25L	6.1	14.1
8L	6.8	13.4
2L	5.0	15.2
£	4.9	15.3
25R	5.1	15.1
30R	5.2	15.0

5+50

30R	5.0	15.2
25R	5.0	15.2
£	5.5	14.7
5L	5.9	14.3
12L	8.0	12.2
25L	8.1	12.1
30L	8.4	11.8

3

✓
5+90

20.18

30L	9.8	10.4
25L	9.8	10.4
12L	9.6	10.6
±	5.6	14.6
19R	4.5	15.7
25R	5.2	15.0
30R	4.7	15.5
6+00		
30R	4.6	15.6
25R	5.1	15.1 ✓
12R	6.0	14.2
±	10.8	9.4 ✓
16L	9.9	10.3
25L	10.1	10.1 ✓
30L	10.2	10.0
32L	10.1	10.1
35L	11.9	8.3
6+50		
35L	11.2	9.0
32L	10.3	9.9
25L	10.4	9.8
15L	10.5	9.7
10L	12.3	7.9
±	12.3	7.9
25R	12.5	7.7
30R	12.6	7.6

20.18

T.P. 664	17.37	9.45	10.73
BM. Hub by test hole		5.54	11.83
7+00			
30R		3.8	13.6
27R		4.7	12.7
25R		3.4	14.0 ✓
7R		4.6	12.8
±		5.0	12.4 ✓
10L		5.1	12.3
11L		6.2	11.2
25L		6.6	10.8 ✓
30L		6.7	10.7
32L		6.7	10.7
37L		5.3	12.1
7+50			
35L		6.8	10.6
25L		6.0	11.4
6L		5.2	12.2
±		6.2	11.2
5R		6.7	10.7
8R		7.8	9.6
18R		8.1	9.3
25R		6.1	11.3
35R		5.5	11.9

r
4

8+00

17.37

38R	4.4	13.0
25R	5.1	12.3 ¹
21R	6.1	11.3
±	6.0	11.4 ¹
25L	5.3	12.1 ¹
28L	4.3	13.1
35L	4.4	13.0

8+50

35L	4.3	13.1
25L	5.0	12.4
±	4.0	13.4
6R	4.4	13.0
12R	6.4	11.0
25R	7.0	10.4
32R	5.3	12.1
38R	6.2	11.2

9+00

35R	6.7	10.7
25R	6.5	10.9
9R	5.0	12.4
7R	3.4	14.0
±	3.4	14.0
20L	3.6	13.8
25L	2.8	14.6
32L	3.8	13.6
37L	2.5	14.9

9+50

17.37

35L	2.1	15.3
25L	1.8	15.6
22L	2.6	14.8
±	3.0	14.4
14R	3.7	13.7
25R	8.8	8.6
40R	8.4	9.0

10+00

39R	10.2	6.2 ^{7.2}
25R	5.5	11.9 ¹
22R	3.5	13.9
11R	2.5	14.9
±	2.8	14.6 ¹
22L	2.6	14.8
25L	1.2	16.2 ¹
35L	1.5	15.9

10+25

35L	1.2	16.2
25L	0.7	16.7
23L	2.2	15.2
±	2.3	15.1
16R	2.2	15.2
25R	5.2	12.2
32	3.7	13.7
35R	3.7	13.7

✓

11+00		17.37		
35R		3.0	14.4	
25R		2.5	14.9	
18R		2.6	14.8	
14R		1.3	16.1	
♀		1.4	16.0	
23L		1.3	16.1	
25L		0.5	16.9	
35L		0.3	17.1	
T.P.	7.85	25.07	0.15	17.22
12+00				
35L		7.6	17.5	
25L		7.2	17.9↓	
♀		8.0	17.1↓	
10R		8.0	17.1	
11R		7.4	17.7	
14R		7.4	17.7	
25R		8.7	16.4↓	
35R		9.5	15.6	
13+00				
35R		9.8	15.9	
30R		7.8	17.3	
25R		7.2	17.9	
10R		6.6	18.5	
♀		6.9	18.2	
20L		7.4	17.7	
21L		6.7	18.4	

✓
6

13+00		25.07	
25L		6.8	18.3
30L		6.8	18.3
14+00			
30L		6.6	18.5
25L		6.0	19.1↓
22L		5.8	19.3
21L		6.8	18.3
♀		6.2	18.9↓
12R		6.2	18.9
25R		8.4	16.7↓
35R		10.4	14.7
15+00			
35R		9.6	15.5
25R		9.4	15.7
21R		6.8	18.3
10R		6.9	18.2
5R		5.2	19.9
♀		5.1	20.0
25L		5.3	19.8
35L		6.2	18.9

✓
15+81³⁸ B.C. 25.07

35L	5.0	20.1
25L	4.3	20.8
⊕	3.8	21.3
12R	4.2	20.9
16R	6.7	18.4
25R	9.1	16.0
35R	9.3	15.8

16+00

35R	9.2	15.9
25R	8.9	16.2 ¹
20R	7.6	17.5
15R	7.7	17.4
11R	4.0	21.1
⊕	3.5	21.6 ¹
25L	4.3	20.8 ¹
35L	4.7	20.4

16+50

35L	3.8	21.3
25L	3.2	21.9
⊕	2.5	22.6
12R	3.0	22.1
17R	4.4	20.7
20R	7.0	18.1
25R	6.8	18.3
31R	8.9	16.2
43R	8.7	16.4

17+00 25.07

43R	8.4	16.7
34R	5.2	19.9
25R	4.0	21.1
7R	0.4	24.7
⊕	1.1	24.0
18L	1.9	23.2

T.P.	993	34.12	0.88	24.19
20L			8.7	25.2
25L			8.7	25.4
35L			8.9	25.2
BM#1			8.65	25.47 (25.46)

17+50

35L	7.0	27.1
20L	7.0	27.1
17L	9.4	24.7
⊕	8.9	25.2
13R	8.8	25.3
14R	7.8	26.3
35R	10.0	24.1
31R	11.4	22.7
37R	13.4	20.7
45R	14.0	20.1

✓
7

v

v
8

18+00	34.12		
45R		12.6	21.5
39R		12.4	21.7
35R		10.9	23.2
25R		8.7	25.4 [!]
19R		7.5	26.6
17R		8.3	25.8
⊕		8.2	25.9 [!]
7L		8.2	25.9
14L		8.9	25.2
18L		6.5	27.6
25L		6.5	27.6 [!]
40L		5.4	28.7
18+50			
40L		3.6	30.5
25L		5.1	29.0
12L		6.3	27.8
8L		8.3	25.8
⊕		7.8	26.3
25R		7.8	26.3
40R		11.2	22.9

19+00	34.12		
40R		11.1	23.0
29R		7.0	27.1
25R		7.2	26.9
⊕		7.5	26.6
5L		6.8	27.3
13L		1.1	33.0
25L		0.3	33.8
35L		+0.9	35.0
T.P.	6.45	33.49	7.08 27.04
19+50			
45L		+12.9	46.4
25L		+10.4	43.9
15L		+8.8	42.3
12L		+1.0	34.5
⊕		6.5	27.0
25R		5.7	27.8
33R		5.7	27.8
20+00			
35R		5.6	27.9
25R		5.2	28.3 [!]
⊕		5.6	27.9 [!]
8L		1.2	32.3
13L		+21.0	54.5
25L		+25.0	58.5 [!]
55L		+31.0	64.5

20+50 33.49
 55L +48.1 81.6
 40L +43.0 76.5
 25L +37.9 71.4[!]
 22L +35.0 68.5
 13L 0.5 33.0
 † 5.0 28.5[!]
 25R 4.9 28.6[!]
 31R 5.3 28.2

21+00
 29R 4.2 29.3
 25R 4.3 29.2
 † 4.1 29.4
 15L 2.4 31.1
 20L +1.0 34.5
 25L +35.0 68.5
 60L +53.0 86.5
 TP 4.87 35.29 3.07 30.42

21+50
 50L +55.5 90.8
 42L +50.3 85.6
 29L +0.8 36.1
 20L 3.7 31.6
 † 4.9 30.4
 25R 5.2 30.1
 27R 5.2 30.1
 40R 12.4 22.9

22+00 35.29
 40R 10.0 25.3
 31R 8.8 26.5
 25R 4.7 30.6[!]
 † 4.3 31.0[!]
 16L 4.4 30.9
 25L 3.0 32.3[!]
 31L +2.2 37.5^{bottom Vert. bank}

22+50
 31L +2.4 37.7^{bottom Vert. bank}
 25L 2.0 33.3
 18L 3.8 31.5
 † 3.9 31.4
 19R 3.6 31.7
 25R 7.3 28.0
 40R 12.3 23.0

23+00
 45R 11.9 23.4
 29R 11.5 23.8
 25R 8.8 26.5
 16R 3.6 31.7
 † 3.4 31.9
 21L 3.2 32.1
 22L 2.3 33.0
 25L 2.0 33.3
 32L +0.4 35.7^{bottom Vert. bank}

3/20/29

London

cont from Book 1327 P.9

10

23+50	35.29								
35L		+3.7	39.0	bottom vert. bank	Nail Pole BM	7.86	84.02	76.11	corrected 76.16
25L		2.2	33.1		44+00				
21L		3.3	32.0		50R		19.6	(74.4)	64.4
±		3.0	32.3		42R		17.5	(76.5)	66.5
16R		3.4	31.9		25R		10.5	73.51	
25R		9.2	26.1		±		11.5	72.51	
35R		11.0	24.3		11L		4.5	79.5	
50R		11.5	23.8		25L		0.4	83.61	
BM Nail Pole		2.36	32.93		40L		+4.1	88.1	
T.P.	6.40	33.44	8.25	27.04	44+52 ⁶⁹	BC			
BM #1		7.97	25.47	✓	40L		+2.3	86.3	
Cont in Book 1327 P.1.					25L		1.7	82.3	
					15L		3.6	80.4	
					8L		9.6	74.4	
					±		9.7	74.3	
					25R		9.6	74.4	
					30R		10.5	73.5	
					42R		16.1	67.9	
					49R		16.7	67.3	
					45+00				
					50R		17.0	67.0	
					38R		14.6	69.4	
					26R		9.0	75.0	
					20R		7.6	76.4	
					±		8.2	75.8	

Page 14 to Page 21

Plotted 3/21-29

T6H
44+00 to 43+10.9

✓

45+00

84.02

8L	8.5	75.5
17L	+1.7	85.7
25L	+3.9	87.9
40L	+8.4	92.4

45+50

40L	+10.6	94.6
25L	+4.8	88.8
18L	+2.5	86.5
9L	7.1	76.9
⊕	6.9	77.1
17R	6.3	77.7
27R	7.2	76.8
37R	13.0	71.0
50R	17.1	66.9

46+00

50R	19.5	64.5
42R	15.9	68.1
27R	12.5	71.5
22R	6.7	77.3
16R	5.3	78.7
⊕	5.4	78.6 ✓
14L	5.6	78.4
24L	0.0	84.0 ✓
40L	+6.2	90.2

11

46+50

84.02

40L	+14.2	98.2
27L	+7.3	91.3
14L	2.3	81.7
9L	4.1	79.9
⊕	4.0	80.0
16R	4.6	79.4
25R	8.0	76.0
35R	14.4	69.6
50R	18.8	65.2

46+89⁵⁰ EC

50R	14.0	70.0
27R	8.2	75.8
20R	3.2	80.8
⊕	2.8	81.2
8L	2.0	82.0
11L	+2.1	86.1
25L	+9.6	93.6
40L	+16.7	100.7

47+00

40L	+16.3	100.3
25L	+9.8	93.8
11L	+3.5	87.5
7L	1.6	82.4
⊕	2.7	81.3
22R	2.8	81.2
29R	7.5	76.5

47+00	84.02		
50R		12.7	71.3
47+50			
50R		6.4	77.6
38R		1.4	82.6
34R		2.8	81.2
29R		2.6	81.4
27R		1.6	82.4
17R		1.8	82.2
7R		0.3	83.7
£		+0.6	84.6
19L		+1.9	85.9
25L		+4.2	88.2
34L		+9.5	93.5
36L		+13.0	97.0
TP. 3.53	85.88	1.67	82.35
48+00			
35L		+1.0	86.9
25L		+1.6	87.5
£		1.0	84.9
3R		2.1	83.8
27R		2.5	83.4
35R		5.1	80.8
16R		6.2	79.7
50R		7.4	78.5

12

48+50	85.88		
50R		11.4	74.5
20R		8.7	77.0
20R		4.2	81.7
13R		1.9	84.0
£		1.5	84.4
16L		1.2	84.7
17L		0.1	85.8
25L		+1.0	86.9
38L		+2.8	88.7
40L		+3.6	89.5
49+00			
40L		0.4	85.5
34L		1.6	84.3
25L		2.0	83.9
4L		2.8	83.1
£		4.7	80.2
7R		6.6	79.3
8R		8.6	77.3
25R		9.6	76.3
47		10.0	75.9

v

49+50

85.88

46R

10.4

75.5 ^{brow 8'}
bank

25R

10.7

75.2

±

10.3

75.6

18L

4.1

81.8

25L

3.5

82.4

40L

2.9

83.0

50+00

40L

5.4

80.5

24L

6.0

79.91

12L

8.4

77.5

5L

10.5

75.4

±

10.8

75.1 ✓

25R

10.5

75.4 |

43R

10.6

75.3 ^{brow 10'}
bank

51+00

43R

12.5

73.4 ^{brow 10'}
bank

40R

11.4

74.5

25R

10.7

75.0

±

10.5

75.4

15L

10.9

75.0

21L

8.3

77.6

40L

6.4

79.5

51+85

85.88

13

40L

6.4

79.5

25L

7.5

78.4

20L

10.9

75.0

17L

10.4

75.5

11L

9.5

76.4

±

10.0

75.9

25R

10.0

75.9

29R

13.9

72.0

37R

13.3

72.6 ^{brow} ^{bank} 10'

51+94

36R

13.5

72.4

29R

13.5

72.4

25R

10.7

75.2

±

10.4

75.5

13L

9.7

76.2

13L

26.7

59.2

21L

26.7

59.2

21L

20.0

65.9

34L

15.7

70.2

50L

12.0

73.9

✓

52+00	85.88		
50L	6.0	79.9	
23L	7.9	78.01	
22L	9.9	76.0	
15L	10.5	75.4	
13L	9.0	76.9	
⊕	10.3	75.6 ✓	
25R	10.4	75.5 ✓	
28R	13.3	72.6	
36R	13.6	72.3	
40R	13.6	72.3 ^{brow 12'} _{bank}	

52+50			
43R	11.9	74.0	
34R	12.0	73.9	
27R	11.8	74.1	
25R	9.0	76.9	
⊕	8.7	77.2	
17L	10.2	75.7	
40L	9.1	76.8	

53+00	85.88		14
40L	8.2	77.7	
25L	9.5	76.4	
15L	8.9	77.0	
11L	8.2	77.7	
⊕	8.1	77.8	
9R	8.1	77.8	
21R	10.0	75.9	
37R	8.0	77.9	
53+50			
40R	8.1	77.8	
25R	7.4	78.5	
⊕	8.0	77.9	
25L	8.5	77.4	
35L	8.2	77.7	
40L	7.0	78.9	
54+00			
40L	0.6	85.3	
18L	5.8	80.1	
10L	6.9	79.0	
⊕	6.1	79.8 ✓	
20R	7.1	78.8	
33R	6.3	79.6	
39R	9.2	81.7	
T.P.	6.91	92.74	0.05 85.83

✓

54+50	92.74		
37R	0.0	92.7	
33R	0.0	92.7	
29R	12.3	80.4	
25R	12.3	80.4	
±	13.2	79.5	
6L	12.7	80.0	
16L	9.6	83.1	
30L	6.0	86.7	
40L	5.3	87.4	

55+00			
40L	4.5	88.2	
25L	4.3	88.4	
16L	4.5	88.2	
±	11.1	81.6	
7R	12.7	80.0	
25R	13.0	79.7	
28R	13.0	79.7	
32R	1.2	91.5	
39R	1.2	91.5	

✓

15

55+37	92.74		
35R	3.3	89.4	
39R	4.7	88.0	
25R	11.7	81.0	
10R	11.5	81.2	
±	4.0	88.7	
25L	4.2	88.5	
40L	4.2	88.5	
56+00			
33L	0.2	92.5	
28L	6.4	86.3	
±	6.7	86.0	✓
12R	6.0	86.7	
22R	7.0	85.7	✓
28R	6.6	86.1	
40R	8.0	84.7	
56+50			
40R	12.0	80.7	
27R	10.2	82.5	
23R	7.7	85.0	
±	8.6	86.1	84.1
16L	9.5	83.2	
18L	3.3	89.4	
31L	1.0	91.7	
40L	10.5	93.2	

✓

✓
16

57+00	92.74	
40L	+2.5	95.2
33L	0.0	92.7
25L	1.7	91.0
14L	4.6	88.1
8L	10.8	81.9
⊕	10.3	82.4
24R	9.2	83.5
31R	12.7	80.0
40R	15.3	77.4

57+50		
40R	13.3	79.4
26R	9.8	82.9
⊕	11.5	81.2
3L	11.6	81.1
7L	2.8	89.9
25L	+2.6	95.3
40L	+5.9	98.6

58+00		
40L	+4.0	96.7
25L	+0.8	93.5✓
9L	2.7	90.0
2L	7.8	84.9
⊕	12.5	80.2✓
25R	11.3	81.4✓
31R	10.5	82.2
40R	12.7	80.0

92.74		
TP 7.46	88.39	11.81
58+50		80.93
40R	13.0	75.4
36R	12.2	76.2
25R	8.0	80.4
2R	7.3	79.1
⊕	6.7	81.7
6L	1.6	86.8
25L	+4.9	93.3
40L	+10.7	99.1

59+00		
40L	+9.3	97.7
25L	+3.8	92.2
5L	5.0	83.4
⊕	8.0	80.4
2R	10.4	78.0
25R	9.6	78.8
40R	17.6	70.8

✓

60+00	88.39		
53R	26.8	61.6	
29R	11.4	77.0	
4R	11.6	76.8	
±	8.3	80.1 ✓	
25L	+2.8	91.2 ✓	
40L	+9.6	98.0	

61+00

40L	+19.5	106.9	
25L	+10.8	99.2	
±	2.9	85.5	
10R	7.9	80.5	
13R	12.2	76.2	
25R	11.6	76.8	
35R	11.8	76.6	
55R	24.3	64.1	
60R	25.8	62.6	

61+25

70R	26.6	61.8	
57R	22.4	66.0	
41R	11.4	77.0	
16R	12.1	76.3	
15R	9.0	79.4	
±	1.9	86.5	
25L	+11.6	100.0	
40L	+10.4	108.8	

✓

61+75	88.39		
40L	+11.6	100.0	
25L	+4.0	92.4	
±	6.2	82.2	
18R	12.0	76.4	
25R	11.7	76.7	
45R	11.4	77.0	
58R	19.8	68.6	
70R	21.8	66.6	

62+00

50R	11.2	77.2	brow Exist Fill
22R	11.8	76.6	10'
16R	7.6	80.8	
±	1.2	87.2 ✓	
25L	+10.0	98.4 ✓	
40L	+17.4	105.8	

62+50

40L	+21.7	110.1	
25L	+14.5	102.9	
±	+4.0	92.4	
22R	4.5	83.9	
29R	11.6	76.8	
56R	10.5	77.9	brow Exist 6' Fill
T.P.	11.53	99.47	0.45 87.94

17

63+00	99.47			64+50	99.47		
61R	21.1	784	brow exist fill 6'	40L	+12.8	112.3	
33R	21.9	77.6		25L	+5.8	105.3	
25R	15.6	83.9		±	4.0	95.5	
±	8.8	90.7		25R	13.0	86.5	
25L	1.0	98.5		42R	20.2	79.3	
40L	+4.3	103.8		69R	19.4	80.1	
63+40				65+00			
40L	2.4	97.1		76R	18.0	81.5	
25L	5.4	94.1		45R	19.4	80.1	
±	10.9	88.6		40R	16.3	83.2	
27R	16.0	83.5		25R	12.7	86.8	
35R	21.3	78.2		±	3.8	95.7	
63R	20.7	78.8	brow exist fill	25L	+6.4	106.9	105.9
64+00				40L	+11.6	111.1	
66R	20.3	79.2	brow exist fill	65+50			
39R	20.8	78.7		40L	+8.8	108.3	
35R	16.6	82.8	82.9	25L	+3.3	102.8	
±	7.0	92.5	!	±	3.3	102.8	96.2
25L	+1.0	100.5	!	25R	8.2	91.3	
40L	+6.7	106.2		43R	10.9	88.6	
				50R	18.3	81.2	
				80R	15.5	84.0	

66+00	99.47		
83R	15.2	84.3	
53R	17.0	82.5	
46R	10.2	89.3	
25R	6.6	92.9 ✓	
⊕	1.6	97.9 /	
25L	+3.4	(103.9) 102.9	
40L	+6.9	106.4	

66+50			
40L	+6.1	105.6	
25L	+3.3	102.8	
⊕	1.0	98.5	
25R	4.5	95.0	
51R	8.6	90.9 ^{brow Exist} 5' Cut.	

67+00			
51R	6.1	93.4 ^{brow Exist} cut 8'	
25R	1.9	97.6	
T.P. 12.94	112.34	0.07	99.40
⊕		10.7	101.6
25L		5.6	106.7
40L		2.7	109.6

67+77 ²⁵ B.C. 112.34		
40L	0.7	111.6
25L	4.2	108.1
⊕	9.7	102.6
25R	14.9	97.4
41R	17.2	95.1
48R	25.3	87.0
70R	23.0	89.3

68+00		
67R	22.8	89.5
37R	24.6	87.7
32R	17.8	94.5
25R	16.3	96.0 ✓
⊕	10.0	102.3 ✓
25L	9.9	107.4 ✓
40L	1.4	110.9

68+50		
40L	1.6	110.7
25L	7.3	105.0
⊕	15.1	97.2
11R	17.8	94.5
21R	23.5	88.8
45R	22.2	(89.1) ^{brow Exist} 8' Fill. 90.1

69+00	112.34		
47R		30.9	81.4
32R		29.1	83.2
31R		21.5	90.8
9R		22.3	90.0
£		15.6	96.7
25L		5.1	107.2
40L		+2.5	(115.8) 114.8

69+50			
40L		+2.0	114.3
25L		6.0	106.3
T.P. 1:36	101.02	12.68	99.66
4L		3.6	97.4
£		7.1	93.9
1R		9.5	91.5
23R		7.0	92.0
44R		21.8	79.2
60R		24.5	76.5

70+00			
56R		25.2	75.8
32R		17.5	83.5
19R		8.0	93.0
£		8.3	92.7
2L		8.3	92.7
8L		1.4	99.6
25L		+6.7	107.7
40L		+13.2	114.2

70+12 ⁷⁷ E.C.	101.02		
40L		+13.8	114.8
25L		+6.8	107.8
5L		1.7	99.3
3L		8.0	93.0
£		8.0	93.0
19R		7.7	93.3
25R		13.2	87.8
35R		17.3	83.7
55R		24.8	76.2

71+00			
50R		16.8	84.2
27R		12.0	89.0
20R		5.9	95.1
£		5.6	95.4
5L		6.1	94.9
11L		0.0	101.0
25L		+5.1	106.1
40L		+11.4	112.4

71+50			
40L		+10.0	111.0
25L		+4.5	105.5
8L		0.4	100.6
£		3.2	97.8
1R		5.3	95.7

71+50		101.02	
28R	4.5	96.5	
34R	8.0	93.0	
40R	9.0	92.0	
72+00			
50R	4.8	96.2	
45R	2.3	98.7	
15R	3.3	97.7	
14R	+1.5	102.5	
±	+3.9	104.9	
25L	+9.6	110.6	
40L	+13.5	114.5	
72+50			
40L	+18.0	119.0	
25L	+15.6	116.6	
±	+10.7	111.7	
28R	+5.3	106.3	
33R	2.4	98.6	
66R	0.5	100.5	
TR	13.09	113.27	0.84 100.18

73+00		113.27		21
73R	11.7	101.6		
40R	13.0	100.3		
34R	5.9	107.4		
25R	4.2	109.1		
±	+1.3	114.6		
25L	+5.5	118.8		
40L	+9.5	122.8		
73+10 ^{LI} B.C.				
40L	+10.1	123.4		
25L	+6.4	119.7		
±	+0.9	114.2		
25R	4.3	109.0		
34R	6.3	107.0		
40R	12.5	100.8		
73R	11.6	101.7		
BM. Post + 74+00	2.28	110.99		
T.P.	0.00	100.13	13.14	100.13
T.P.	0.19	87.07	13.23	86.90
BM #4	10.73	76.36	76.33	

Point in Book 1327 P. 10

cont from 1327 P. 23.

B.M	10.18	111.12	
	top Post RR fence	at 119+00	100.94
120+00			
40R	13.1	98.0	
25R	12.2	98.9 ¹	
±	9.8	101.3 ¹	
25L	7.8	103.3 ¹	
40L	6.1	105.0	
120+50			
40L	5.3	105.8	
25L	6.8	104.3	
±	9.3	101.8	
25R	11.3	99.9	
40R	12.0	99.1	
121+00			
40R	12.2	98.9	
25R	11.2	99.9	
±	9.0	102.1	
25L	6.7	104.4	
40L	4.8	106.3	

	121+50	111.12	
40L		5.1	106.0
25L		6.7	104.4
±		9.5	101.6
25R		11.9	99.2
40R		12.9	98.2
122+00			
40R		13.5	97.6
25R		12.0	99.1 [✓]
±		10.0	101.1 [✓]
25L		7.7	103.4 ¹
40L		6.1	105.0
123+00			
40L		9.5	101.6
25L		11.0	100.1
±		13.2	97.9
25R		15.5	95.6
40R		16.7	94.4
T.P.	3.00	101.69	12.43 98.69

22

✓
 123+50 101.69
 40R 8.5 93.2
 25R 7.1 94.6
 † 4.9 96.8
 25L 2.7 99.0
 40L 1.1 100.6

124+00
 40L 2.7 99.0
 25L 3.9 97.8 ✓
 † 7.3 94.4 ✓
 25R 10.8 90.9 ✓
 40R 12.5 89.2

124+50
 40R 14.0 87.7
 25R 13.2 88.5
 † 12.0 89.7
 25L 7.2 94.5
 40L 5.3 96.4

125+00
 40L 6.1 95.6
 25L 8.5 93.2
 † 12.7 89.0
 25R 14.0 87.7
 40R 14.4 87.3

✓
 125+50 101.69
 40R 14.6 87.1
 25R 14.4 87.3
 † 13.1 88.6
 25L 7.8 93.9
 40L 5.8 95.9

126+00
 40L 4.7 97.0
 25L 6.2 95.5 ✓
 † 10.7 91.0 ✓
 25R 14.1 87.6 ✓
 40R 14.0 87.7

126+50
 40R 13.1 88.6
 25R 12.6 89.1
 † 8.6 93.1
 16L 5.2 96.5
 25L 4.5 97.2
 40L 3.2 98.5

127+00
 40L 2.3 99.4
 25L 3.1 98.6
 15L 3.7 98.0
 † 6.1 95.6
 25R 8.2 93.5
 40R 10.5 91.2

✓	127+50	101.69		
	40R		8.4	93.3
	25R		7.2	94.5
	±		5.0	96.7
	25L		4.1	97.6
	40L		2.7	99.0

	128+00			
	40L		1.4	100.3
	25L	S	2.3	98.4 99.4 ¹
	±		3.8	97.9 ✓
	25R		5.6	96.1 ✓
	40R		6.8	94.9

	BM #9 1312	107.08	7.71	93.98 (93.96)
	128+5595	B.C.		
	40R		11.0	96.1
	25R		10.0	97.1
	±		8.5	98.6
	25L		6.9	100.2
	40L		6.2	100.9

	179+00			
	40L		5.4	101.7
	25L		6.2	100.9
	±		7.6	99.5
	25R		9.2	97.9
	40R		10.2	96.9

✓	130+00	107.08		
	40R		8.5	98.6
	25R		7.9	99.2 ✓
	±		6.4	100.7 ✓
	25L		5.1	102.0 ✓
	40L		4.4	102.7

	131+00			
	40L		1.8	105.3
	25L		2.7	104.4
	±		3.6	103.5
	25R		4.9	102.2
	40R		5.6	101.5

	132+00			
	40R		2.6	104.5
	25R		2.4	104.7 ✓
	±		1.3	105.8 ✓
	T.P. 11.65	118.28	0.45	106.53
	25L		10.8	107.5
	40L		10.0	108.3

24

132+95²⁷ EC 118.28

40L	6.3	112.0
25L	7.1	111.2
♀	9.3	109.0
25R	11.6	106.7
40R	11.8	106.5

133+00

40R	11.6	106.7
25R	11.4	106.9
♀	9.2	109.1
25L	7.1	111.2
40L	6.3	112.0

134+00

40L	3.1	115.2
25L	4.6	113.7 ¹
♀	6.4	111.9 ¹
25R	8.7	109.6 ¹
40R	9.4	108.9

135+00

40R	8.1	110.2
25R	7.2	111.1
♀	4.9	113.4
25L	2.0	116.3
40L	0.6	117.7

136+00 118.28

40L	1.1	117.2
25L	3.2	115.1 ¹
♀	6.4	111.9 ¹
25R	9.3	109.0 ¹
40R	10.1	108.2

137+00

40R	11.1	107.2
25R	10.5	107.8
♀	7.6	110.7
25L	4.9	113.4
40L	2.7	115.6

138+00

40L	6.9	111.4
25L	8.5	109.8 ¹
♀	10.0	108.3 ¹
25R	12.7	105.6 ¹
40R	13.1	105.2

139+00

40R	15.0	103.3
25R	14.8	103.5
♀	14.0	104.3
25L	12.0	106.3
40L	11.2	107.1

T.P. 2.84 109.85 11.27 107.01

140+00 109.85

40L	4.5	105.3
25L	4.8	105.0 ✓
±	5.5	104.3 ✓
25R	6.5	103.3 ✓
40R	7.1	102.7

141+00

40R	7.1	102.7
25R	7.0	102.8
±	6.5	103.3
25L	5.8	104.0
40L	5.5	104.3

142+00

40L	3.6	106.2
25L	4.3	105.5 ✓
±	4.9	104.9 ✓
25R	5.4	104.4 ✓
40R	5.4	104.4

143+00

40R	3.0	106.8
25R	3.1	106.7
±	2.4	107.4
25L	1.0	108.8
40L	0.4	109.4

T.P. 11.58 120.91 0.52 109.33

B.M.#10 11.19 120.99 11.19 109.72 109.80

144+00 120.99

40L	6.7	114.3
25L	7.8	113.2 ✓
±	9.2	111.8 ✓
25R	10.7	110.3 ✓
40R	10.9	110.1

145+00

40R	7.8	113.2
25R	7.2	113.8
±	5.8	115.2
25L	3.7	117.3
40L	2.5	118.5

145+50

40L	0.8	120.2
25L	2.2	118.8
±	4.5	116.5
25R	6.3	114.7
40R	7.1	113.9

146+00

40R	7.2	113.8
25R	6.0	115.0 ✓
±	4.0	117.0 ✓
25L	1.9	119.1 ✓
40L	0.7	120.3

146 + 59⁹⁹ B.C. 120.99

121.0

40L	1.2	119.8
25L	2.7	118.3
♀	5.3	115.7
25R	7.4	113.6
40R	7.8	113.2

147 + 00

40R	6.4	114.6
25R	5.3	115.7
♀	4.2	116.8
25L	1.9	119.1
40L	0.7	120.3

148 + 00

40L	1.1	119.9
25L	2.2	118.8 ¹
♀	3.8	117.2 ¹
25R	5.7	115.3 ¹
40R	6.3	114.7

149 + 00

40R	2.2	118.8
T.P.	11.02	131.19
25R	11.2	120.0
♀	8.9	122.8
25L	6.1	125.1
40L	4.8	126.4

149 + 50 131.19

27

40L	1.3	129.9
25L	2.8	128.4
♀	6.5	124.7
25R	9.6	121.6
40R	10.8	120.4

150 + 00

40R	10.0	121.2
25R	8.6	122.6 ¹
♀	5.2	126.0 ¹
25L	1.7	129.5 ¹
40L	0.0	131.2

150 + 50

40L	4.03	131.5
25L	1.7	129.5
♀	5.5	125.7
25R	9.2	122.0
40R	10.4	120.8

151 + 00

40R	11.2	120.0
25R	10.0	121.2
♀	6.6	124.6
25L	3.2	128.0
40L	1.2	130.0

✓

151+50	131.19		
40L	3.8	127.4	
25L	5.9	125.3	
♀	8.8	122.4	
25R	12.1	119.1	
40R	13.2	118.0	

152+00			
40R	15.2	116.0	
25R	13.8	117.4 ✓	
♀	11.7	119.5 ✓	
25L	9.4	121.8 ✓	
40L	7.8	123.4	

152+50			
40L	11.6	119.6	
25L	12.9	118.3	
♀	14.7	116.5	
T.P. 140	121.70	10.89	120.30
25R	7.2	114.5	
40R	7.8	113.9	

153+00	121.70		
40R	9.0	112.7	
25R	8.5	113.2	
♀	7.0	114.7	
25L	5.3	116.4	
40L	4.0	117.7	

153+50			
40L	5.6	116.1	
25L	7.4	114.3	
♀	9.2	112.5	
25R	10.0	111.7	
40R	10.3	111.4	

154+00			
40R	10.9	110.8	
25R	10.8	110.9 ✓	
♀	10.5	111.2 ✓	
25L	9.0	112.7 ✓	
40L	7.6	114.1	

154+09			
40L	15.0	106.7	
25L	14.8	106.9 ✓	
18L	14.6	107.1	
♀	10.4	111.3 ✓	
17R	15.0	106.7	
25R	10.7	111.0 ✓	
40R	10.9	110.8	
T.P.	3.62	115.62	9.70 11200

28

154+36 115.62

40R	14.6	101.0
25R	15.0	100.6
±	14.6	101.0
25L	14.3	101.3
40L	14.2	101.4

154+60

40L	13.0	102.6
25L	10.8	104.8
15L	10.4	105.2
±	11.7	103.9
8R	12.9	102.7
25R	13.0	102.6
40R	14.6	101.0

154+75

40R	6.1	109.5
25R	5.6	110.0
±	5.8	109.8
25L	5.8	109.8
40L	6.1	109.5

155+00 115.62

40L	4.4	111.2
25L	4.3	111.3 ✓
±	4.6	111.0 ✓
25R	5.4	110.2 ✓
40R	5.8	109.8

155+50

40R	6.3	109.3
25R	5.1	110.5
±	4.7	110.9
25L	4.6	111.0
40L	4.2	111.4

156+00 8.8

40L	4.0	111.6
25L	4.3	111.3 ✓
±	5.4	110.2 ✓
25R	5.6	110.0 ✓
40R	5.4	110.2

156+65 ~~67~~ B.C

40R	3.9	111.7
25R	4.6	111.0
±	4.6	111.0
25L	4.0	111.6
40L	3.8	111.8

157+00 115.62

40L	3.5	112.1
25L	4.3	111.3
⊕	1.6	114.0
25R	1.0	114.6
40R	3.1	112.5
T.P. 5.66	121.07	0.21 115.41

157+50

40R	5.6	115.5
25R	5.5	115.6
⊕	5.7	115.4
35L	6.5	114.6
40L	8.0	113.1

158+00

40L	7.7	113.4
25L	7.2	113.9 ¹
⊕	6.4	114.7 ¹
25R	6.1	115.0 ¹
40R	7.2	113.9

158+50 121.07

40R	5.8	115.3
25R	5.4	115.7
⊕	5.5	115.6
8L	5.3	115.8
12L	6.3	114.8
25L	6.7	114.4
40L	7.1	114.0

159+00

40L	6.9	114.2
25L	6.9	114.2
⊕	6.8	114.3
25R	6.0	115.1
30R	5.2	115.9
40R	5.1	116.0

160+00

40R	4.9	116.2 ¹
25R	4.9	116.2
⊕	4.6	116.5 ¹
25L	5.3	115.8 ¹
40L	5.4	115.7

✓

TR 483	12159	4.31	116.76
161+00			
40L		4.9	116.7
25L		5.0	116.6
48		4.8	116.8
25R		4.9	116.7
40R		4.6	117.0
161+35			
40R		4.9	116.7
25R		5.0	116.6
48		4.8	116.8
25L		6.8	114.8
17L		8.8	112.8
25R		12.3	109.3
40L		17.8	108.8
161+50			
40L		13.0	108.6
25R		12.8	108.8
48		12.5	109.1
40R		5.4	116.2
25R		5.0	116.6
40R		4.8	116.8

✓

161+75	12159		
40R		4.8	116.8
25R		12.8	108.8
48		12.6	109.0
25L		11.9	109.7
40L		7.2	114.4
162+00			
40L		3.7	117.9
25L		4.7	116.9✓
40L		7.3	114.3
8L		10.0	111.6
48		10.8	110.8✓
25R		11.9	109.7✓
40R		12.7	108.9
162+50			
40R		8.4	113.2
25R		4.6	117.0
48		2.0	119.6
25L		0.2	121.4
40L		4.0	122.6
40R		0.72	120.87

Cont in Book 1377 P23

176+40

cont from Book 1327 P 27

BM#13	12.54	151.95	139.41
177+00			
50R		7.3	144.7
25R		2.1	149.8 ✓
⊖		+2.6	154.6 ✓
11L		+7.0	158.9
25L		+8.9	160.8 ✓
36L		+10.3	162.2
40L		+12.8	164.8
177+50			
40L		+13.4	165.3
25L		+8.3	160.3
⊖		+2.3	154.2
25R		3.8	148.2
50R		9.0	142.9
178+00			
50R		10.1	141.9
25R		4.9	147.0 ✓
⊖		+1.7	153.7 ✓
17L		+5.9	157.8
25L		+8.2	160.2 ✓
40L		+13.0	164.9

178+50

157.95

40L		+12.5	164.5
25L		+7.2	159.1
⊖		0.2	151.8
25R		7.8	144.1
50R		10.7	141.3
179+00			
50R		10.0	142.0
25R		8.7	143.2
8R		6.1	145.9
⊖		2.8	149.1
25L		+5.9	157.9
40L		+11.2	163.1
179+50			
40L		+10.2	162.2
25L		+4.9	156.8
⊖		3.5	148.5
12R		6.4	145.5
25R		8.0	144.0
50R		9.4	142.5

32

180+00	151.95		
50R		8.3	143.7
25R		6.4	145.5 ✓
±		1.5	150.5 ✓
25L		+5.9	157.8 ✓
40L		+10.6	162.6

180+50			
40L		+12.4	164.3
25L		+8.6	160.6
±		+2.5	154.4
25R		3.3	148.7
50R		6.0	145.9

TP	10.01	161.75	0.21	151.74
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181+00			
50R		15.4	146.4
25R		11.8	150.0
±		6.8	155.0
25L		1.4	160.4
40L		+2.2	164.0

181+50			
40L		+7.4	169.1
25L		+2.6	164.3
±		3.7	158.0
25R		9.8	151.9
50R		13.4	148.3

182+00	161.75		
50R		11.0	150.8
25R		6.8	155.0 ✓
±		0.7	161.1 ✓
25L		+6.9	168.7 ✓
40L		+11.7	173.5

182+11 ^{3/4} B.C.			
40L		+11.8	173.5
25L		+7.7	169.4
±		0.2	161.5
25R		5.5	156.2
50R		10.6	151.1

182+50			
50R		13.2	148.6
40R		10.8	151.0
25R		5.8	156.0
±		+1.3	163.1
25L		+8.0	169.8
40L		+12.0	173.8

183+00			
40L		+12.0	173.7
25L		+7.1	168.8
±		2.0	159.7
25R		9.8	151.9
35R		12.2	149.5
50R		13.1	148.6

✓

183+50 161.75

50R	12.2	149.6
25R	8.7	153.1
⊕	3.6	158.2
25L	+4.2	166.0
40L	+9.0	170.8

183+80⁷² EC

40L	+11.9	173.6
25L	+7.4	169.1
⊕	0.9	160.8
25R	8.3	153.4
34R	10.3	151.4
50R	12.0	149.7

TP 5.31 166.53 0.53 161.22

184+00

50R	16.3	150.2
25R	12.2	154.3
⊕	5.1	161.4
25L	+2.4	168.9
40L	+7.0	173.5

✓

34

184+50 166.53

40L	+7.0	173.5
25L	+2.7	169.2
⊕	4.1	162.4
25R	10.4	156.1
50R	15.3	151.2

185+00

50R	11.3	155.2
25R	6.6	159.9
⊕	1.8	164.7
25L	+4.2	170.7
40L	+7.7	174.2

185+50

40L	+6.6	173.1
25L	+1.7	168.2
⊕	5.7	160.8
25R	7.5	159.0
50R	10.1	156.4

186+00

50R	5.9	160.6
25R	4.3	162.2
⊕	2.6	163.9
25L	+4.1	170.6
40L	+8.3	174.8

✓	186+50	166.53		
40L		+10.4	176.9	
25L		+6.9	173.4	
⊕		+2.0	168.5	
25R		0.3	166.2	
50R		1.9	164.6	
T.P.	13.13	179.46	0.20	166.33
	187+00			
50R		10.5	169.0	
25R		9.1	170.4	
⊕		7.1	172.4	
25L		5.9	173.6	
40L		3.4	176.1	
	187+20			
40L		1.0	178.5	
25L		2.3	177.2	
⊕		5.0	174.5	
25R		6.9	172.6	
50R		14.9	164.6	
	187+40			
50R		8.4	171.1	
40R		7.0	172.5	
25R		12.1	167.4	
15R		12.5	167.0	
5R		3.0	176.5	
⊕		2.4	177.1	

✓	187+40	179.46			35
25L		+0.1	179.6		
40L		+1.5	181.0		
	187+50				
40L		+2.4	181.9		
25L		+1.0	180.5		
5L		1.0	178.5		
⊕		10.7	168.8		
17R		10.5	169.0		
25R		7.6	171.9		
32R		4.6	174.9		
50R		6.2	173.3		
	187+60				
50R		5.6	173.9		
25R		2.4	177.1		
12R		1.5	178.0		
6R		7.5	172.0		
⊕		8.7	170.8		
20L		8.3	171.2		
25L		+0.4	179.9		
40L		+3.9	183.4		
T.P.	11.63	190.88	0.21	179.25	

188+00	190-88	
40L	12.1	178.8
35L	16.6	174.3
25L	14.3	176.6/
11L	18.3	172.6
6L	9.1	181.8
±	9.8	181.1 ✓
25R	12.8	178.1/
50R	16.0	174.9

188+25		
50R	16.0	174.9
25R	12.7	178.2
±	9.6	181.3
25L	6.3	184.6
40L	4.9	186.0

189+00		
40L	+4.4	195.3
31L	+4.4	195.3
27L	+1.9	192.8
25L	+1.7	192.6
±	4.4	186.5
25R	10.0	180.9
50R	16.6	174.3

190+00	19088	
50R	14.6	176.3
25R	8.0	182.9 ✓
±	1.7	189.2 ✓
10L	+1.0	191.9
18L	+4.3	195.2
25L	+4.4	195.3 ✓
38L	+4.1	195.0
40L	+5.7	196.6

191+00				
T.P.	12.06	201.98	0.96	189.92
40L			+1.5	203.5
29L			2.1	199.9
25L			6.8	195.2
4L			5.8	196.2
±			8.2	193.8
25R			14.8	187.2
50R			20.7	181.3

191+50		
50R	19.2	182.8
45R	16.3	185.7
25R	14.2	187.8
±	5.5	196.5
20L	6.4	195.6
25L	3.5	198.5
40L	+4.3	206.3

✓
 192+00 201.98
 40L +2.6 204.6
 29L +0.7 202.7
 25L 1.1 200.9[✓]
 18L 3.3 198.7
 15L 6.3 195.7
 E 5.1 196.9[✓]
 3R 4.9 197.1
 12R 9.2 192.8
 25R 11.0 191.0[✓]
 50R 14.6 187.4

192+9994-BC
 50R 17.2 184.8
 25R 15.3 186.7
 12R 9.5 192.5
 4R 4.4 197.6
 E 4.1 197.9
 15L 4.4 197.6
 16L 2.2 199.8
 25L +1.0 203.0
 40L +7.6 209.6

✓
 37
 194+00 201.98
 40L +7.5 209.5
 25L +1.7 203.7[✓]
 19L 2.0 200.0
 E 1.4 200.6[✓]
 2R 1.7 200.3
 8R 4.4 197.6
 25R 8.1 193.9[✓]
 50R 11.5 190.5

194+50
 50R 11.1 190.9
 25R 7.0 195.0
 TP. 11.02 207.35 5.65 196.33
 12R 10.5 196.9
 1R 5.4 202.0
 E 5.4 202.0
 21L 6.5 200.9
 25L 4.7 202.7
 40L 2.0 205.4

195+00
 40L +4.1 211.5
 31L +2.0 209.4
 25L 2.7 204.7
 22L 5.7 201.7
 E 4.7 202.7
 9R 4.4 203.0
 19R 9.6 197.8

✓

195+00

25R	11.4	196.0
50R	17.7	189.7
195+50		
50R	17.3	190.0
25R	11.7	195.6
7R	4.7	202.6
±	4.5	202.8
25L	5.2	202.1
31L	+1.4	208.7
40L	+3.6	210.9

196+00

40L	1.7	205.6
35L	5.5	201.8
25L	5.3	202.0
7L	4.7	202.6
±	7.4	199.9
20R	12.1	195.2
25R	12.9	194.4
40R	16.3	191.0
50R	15.9	191.4

✓

38

196+50 207.35

50R	12.6	194.8
25R	10.8	196.6
9R	10.0	197.4
6R	14.4	193.0
±	13.1	194.3
17L	7.4	200.0
18L	5.0	202.4
25L	5.1	202.3
40L	5.9	201.5
197+00		
40L	5.3	202.1
30L	5.4	202.0
25L	8.0	199.4
±	10.6	196.8
25R	12.8	194.6
50R	16.0	191.4
197+61 ²⁵ E.C.		
50R	19.2	188.2
25R	15.9	191.5
±	14.5	192.9
22L	11.4	196.0
25L	10.1	197.3
36L	4.8	202.6
40L	4.8	202.6

198+00		207.35
40L	4.8	202.5
37L	4.8	202.5
31L	9.0	198.3
25L	10.0	197.3
22L	11.8	195.5
±	15.9	191.4
25R	18.3	189.0
50R	19.6	187.7
199+00		
50R	20.4	186.9
25R	18.8	188.5
±	15.6	191.7
18L	10.6	196.7
25L	5.0	202.3
29L	4.1	203.2
40L	3.7	203.6
200+00		
40L	2.3	205.0
25L	2.1	205.7
18L	1.7	205.6
6E	7.4	199.9
±	8.4	198.9
25R	10.4	196.9
50R	11.4	195.9

200+50		207.35
50R	6.8	200.5
25R	5.8	201.5
7R	3.6	203.7
T.P.	12.31	218.16
±	1.50	205.85
±	11.1	207.1
10L	11.1	207.1
25L	11.8	206.4
33L	12.1	206.1
40L	6.4	211.8
201+00		
40L	5.2	213.0
25L	6.9	211.3
23L	11.1	207.1
±	9.5	208.7
4R	8.2	210.0
13R	11.8	206.4
25R	13.2	205.0
50R	15.9	202.3

✓
201+50

218.16

50R

15.8

202.4

25R

13.0

205.2

15R

11.3

206.9

11R

8.4

209.8

~~4~~

9.0

209.2

13L

9.8

208.4

17L

7.0

211.2

25L

4.5

213.7

40L

+0.7

218.9

202+00

40L

+8.7

226.9

25L

+4.2

222.4

11L

0.9

217.3

3L

8.2

210.0

~~4~~

8.0

210.2

18R

6.8

211.4

25R

11.6

206.6

50R

15.8

202.4

202+60

50R

12.3

205.9

35R

9.7

208.5

25R

5.0

213.2

3R

6.0

212.2

~~4~~

1.6

216.0

202+60

74.5

+4.0

222.2

25L

+7.7

225.9

40L

+10.2

228.4

203+00

40L

+8.0

226.2

25L

+4.9

223.1

2L

0.3

217.9

~~4~~

1.5

216.7

2R

5.2

213.0

25R

4.1

214.1

27R

4.1

214.1

33R

6.8

211.4

50R

8.8

209.4

203+50

50R

6.2

212.0

28R

3.6

214.6

25R

2.6

215.6

~~4~~

4.1

214.1

4L

+0.3

218.5

25L

+2.6

220.8

40L

+4.4

222.6

✓
40

204+00 218.16

40L 74.3

25L 72.4

18L 70.2

10L 3.2

± 3.2

25R 2.6

50R 5.5

TP 10.57 226.53 2.20 215.96

BM #15 0.53 226.00 226.17

TP 9.79 225.92 216.13

204+50

50R 14.1

33R 11.1

25R 10.4

19R 9.1

± 9.8

11L 9.4

25L 5.0

40L 3.1

222.5

220.6

218.4

215.0

215.0

215.6

212.7

215.96

226.17

216.13

211.8

214.8

215.5

216.8

216.1

216.5

220.9

222.8

205+00 225.72

40L 5.2

25L 5.5

± 8.7

17R 8.4

21R 11.6

25R 11.8

50R 15.1

205+50

50R 17.4

25R 14.3

15R 7.5

± 7.7

25L 8.4

40L 4.7

206+00

40L 7.1

25L 11.3

12L 2.3

6L 6.8

± 6.7

14R 6.4

25R 14.0

50R 18.3

41

220.7

220.4

217.2

217.5

214.3

214.1

210.8

208.5

211.6

218.4

218.2

217.5

221.2

231.0

227.2

223.6

219.1

219.2

219.5

211.9

207.6

206+50	225.92	
40R	19.0	206.9
25R	10.0	215.9
16R	5.3	220.6
4	5.6	220.3
6L	5.7	220.2
17L	+5.3	231.2
25L	+8.6	234.5
40L	+14.7	240.6

207+00		
40L	+13.8	239.7
25L	+9.5	234.4
16L	+4.7	230.6
6L	4.7	221.2
4	4.3	221.6
17R	3.8	222.1
25R	8.1	217.8
50R	15.5	210.4

207+50		
50R	20.2	205.7
25R	12.0	213.9
14R	3.3	222.6
4	3.4	222.5
7L	4.0	221.9
11L	1.0	224.9
25L	+3.8	229.7
40L	+9.4	235.3

208+00	225.92	42
40L	+13.5	239.4
25L	+9.6	235.5
15L	+6.2	232.1
6L	3.0	222.9
4	2.7	223.2
17R	2.1	223.8
25R	6.1	219.8
50R	18.8	207.1

208+50		
50R	16.0	209.9
25R	5.9	220.0
21R	4.5	221.4
15R	1.5	224.4
4	1.9	224.0
6L	2.1	223.8
6L	0.4	225.5
13L	+9.6	230.5
25L	+8.6	234.5
40L	+13.0	238.9

209+00	225.92		
40L	+10.3	236.2	
25L	+6.5	232.4	
13L	+4.0	229.9	
8L	1.5	224.4	
⊕	1.5	224.4	
16R	1.0	224.9	
21R	3.6	222.3	
25R	4.3	221.6	
50R	11.5	214.4	

209+50			
50R	10.5	215.4	
25R	6.0	219.9	
19R	3.9	222.0	
15R	0.8	225.1	
⊕	0.8	225.1	
8L	1.0	224.9	

T.P.	9.87	234.97	0.82	225.10
25L			5.4	229.6
40L			1.1	233.9

210+00	234.97	43
40L	1.0	234.0
25L	4.2	230.8
9L	9.4	225.6
⊕	9.0	226.0
15R	8.9	226.1
25R	14.2	220.8
50R	18.2	216.8

210+50		
50R	16.0	219.0
25R	12.0	223.0
16R	8.3	226.7
⊕	8.0	227.0
8L	8.4	226.6
12L	5.9	229.1
25L	3.0	232.0
40L	0.4	234.6

211+00		
40L	+5.6	240.6
25L	+3.0	238.0
13L	0.3	234.7
6L	7.4	227.6
⊕	7.0	228.0
16R	6.3	228.7
25R	7.9	227.1
50R	11.7	223.3

211+50	234.97		
50R	11.6	223.4	
25R	6.7	228.3	
20R	5.3	229.7	
±	5.9	229.1	
6L	6.5	228.5	
10L	0.4	234.6	
25L	+1.8	236.8	
40L	+3.9	238.9	
212+00			
40L	+3.2	238.2	
25L	+0.5	235.5	
10L	1.9	233.1	
6L	6.0	229.0	
±	5.5	229.5	
21R	5.3	229.7	
25R	7.4	227.6	
50R	11.5	223.5	
212+50			
50R	11.0	224.0	
25R	6.9	228.1	
21R	4.4	230.6	
±	5.2	229.8	
4L	5.4	229.6	
10L	+0.1	235.1	
25L	+3.0	238.0	
40L	+5.2	240.6	

213+00	234.97		
40L	+5.6	240.6	
25L	+2.8	237.8	
9L	0.6	234.4	
3L	5.3	229.7	
±	5.4	229.6	
25R	5.2	229.8	
50R	11.8	223.2	
213+26.85 BC			
50R	11.1	223.9	
33R	8.5	226.5	
25R	5.4	229.6	
±	5.3	229.7	
7L	3.5	231.5	
25L	1.0	234.0	
40L	0.4	234.6	
213+50			
40L	+7.4	242.4	
25L	+3.0	238.0	
5L	1.8	233.2	
±	4.2	230.8	
1R	5.4	229.6	
25R	5.4	229.6	
35R	8.4	226.6	
50R	11.6	223.4	

214+00 23497

50R	13.1	221.9'
35R	11.2	223.8
25R	6.0	229.0'
3R	6.6	228.4
±	3.8	231.2'
5L	+4.6	239.6
25L	+12.2	247.2'
40L	+18.8	253.8
214+50		
40L	+12.0	247.0
25L	+5.6	240.6
4L	0.8	234.2
±	4.8	230.2
2R	7.5	227.5
25R	6.8	228.2
36R	13.1	221.9
50R	14.7	220.3

215+00 23497

50R	14.7	220.3
31R	13.1	221.9
25R	7.4	227.6
±	7.7	227.3
25L	+1.6	236.6
40L	+8.9	243.9
215+50		
40L	+5.5	240.5
25L	+1.6	236.6
5L	8.0	227.0
±	7.8	227.2
20R	7.5	227.5
25R	10.2	224.8
50R	13.1	221.9
216+00		
50R	14.1	220.9'
25R	11.2	223.8'
13R	8.3	226.7
±	8.4	226.6'
8L	8.3	226.7
13L	4.1	230.9
25L	1.4	233.6'
40L	+2.2	237.2

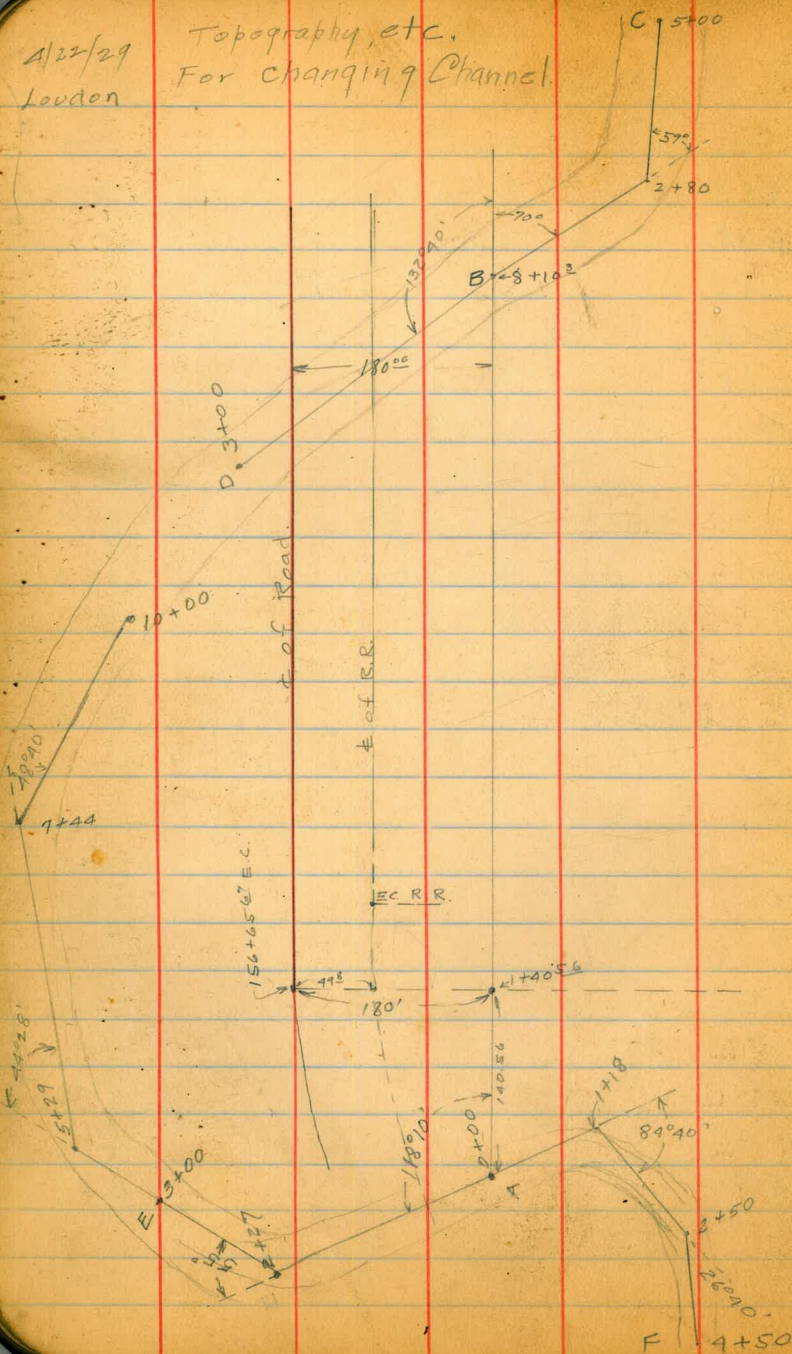
45

216+50	239.97			
40L		+5.7		240.7
25L		0.0		235.0 ✓
14L		9.0		226.0
E		9.1		225.9 ✓
6R		9.1		225.9
14R		14.6		220.4
25R		16.0		219.0 ✓
50R		17.7		217.3 ✓
T.P.	12.66	246.58	1.05	233.92
T.P.	11.17	251.17	6.58	240.00 - 249.80
BM#16		1.39	249.78	(249.80)

Cont in Book 1327 Page 8

A/22/29
London

Topography, etc.
For changing Channel.



Length 1312

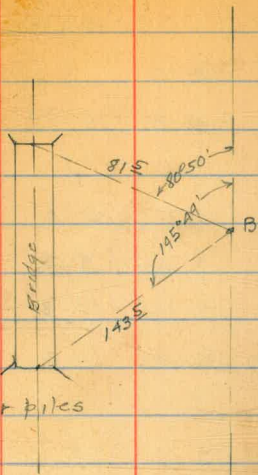
10 Bents including
Head piers.

14 5-foot bays

Deck 19'

Caps 16'

outside stringers 14'
Bents Normal to &
Bents A vert - 2 Batter piles
X Sway braces
Piles 14"



Length = 70'

14' bays

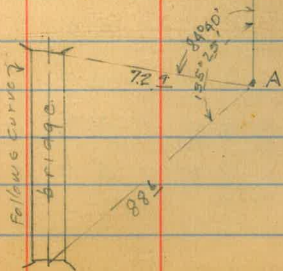
6 Bents including
Head piers.

Deck 15 1/2'

Caps 15 1/2'

Piers a vert piles
2 batter piles
19" piles.

X Sway braces
Stringers butting full width.



X sections on base A-E (p 47 sketch)

Note: Sec's at Ls taken + to preceding course

BM #11	7 20	124.11		116.91
T.P.	1 71	113.43	12 39	111.72
A-0+00				
40L			6.0	107.4
20L	Lehant top		8.3	105.1
14L			10.3	103.1
11L	Lehl bottom		14.3	99.1
3L			14.6	98.8
±			13.7	99.7
6R	Rehl bottom		13.5	99.9
14R			10.0	103.4
36R	Rehl top		7.0	106.4
73R			5.0	108.4
0+50				
36R	Rehl bottom		10.0	103.4
14R			10.7	102.7
10R			13.0	100.4
±			13.2	100.2
9L			14.4	99.0
18L	Lehl bottom		13.8	99.6
26L	Lehl top		5.3	108.1
40L			3.7	109.7
Send Bridge A			0.0	113.4
N end v A			+0.7	114.1
T.P.	12 70	114.52	11 61	101.82

		A-E	
		1+00	114.52
30L		4.2	110.3
21L	Lehl top	6.2	108.3
17L	Lehl bottom	11.9	102.6
10L		13.6	100.9
±		14.3	100.2
5R		14.3	100.2
6R		12.3	102.2
12R	Rehl bottom	11.9	102.6
27R		7.8	106.7
42R		6.9	107.6
		1+30	
33R		4.9	109.6
13R	Rehl top	8.5	106.0
10R	Rehl bottom	13.8	100.7
±		13.8	100.7
17L	Lehl bottom	13.3	101.2
28L	Lehl top	7.2	107.3
40L		6.2	108.3
		1+40	
35L	Lehl top	3.8	110.7
16L		8.7	105.8
11L	Lehl bottom	13.1	101.4
±		13.7	100.8
10R		13.5	101.0
20R	Rehl bottom	11.4	103.1
27R		5.8	108.7
32R		4.5	110.0

A-E

1+75

114.52

31R	Rchl top	4.7	109.8
22R		7.5	107.0
17R	R chl bottom	9.2	105.3
±		13.3	101.2
5L		14.0	100.5
10L	L chl bottom	13.5	101.0
25L	L chl top	3.5	111.0
35L		3.6	110.9
2+00			
35L		3.2	111.3
28L	L chl top	2.8	111.7
21L		6.3	108.2
16L		7.2	107.3
10L	L chl bottom	13.3	101.2
±		13.2	101.3
13R		12.3	102.2
19R	Rchl bottom	8.8	105.7
36R	R chl top	4.8	109.7
56R		3.2	111.3

A-E

2+27 L

114.52

73R		3.5	111.0
49R	Rchl top	4.9	109.6
43R	R bottom chl.	10.8	103.7
35R		12.0	102.5
9R		12.9	101.6
±		12.6	101.9
3L	L bottom chl	11.3	103.2
11L		8.8	105.7
27L	L top chl	7.8	106.7
33L		0.8	113.7
50L		0.3	114.2
2+40			
40L		+2.5	117.0
22L	Lchl top	1.3	113.2
7L	Lchl bottom	11.5	103.0
±		12.3	102.2
5R		12.8	101.7
10R		12.5	102.0
20R	Rchl bottom	12.5	102.0
35R	Rchl top	5.1	109.4
55R		3.2	111.3

49

		A - E		
3+00=E		114.52		
30R		3.5	111.0	
30R	R chl top	4.2	110.3	
12R	R chl bottom	10.0	104.5	
10R		12.4	102.1	
±		12.8	101.7	
7L	L chl bottom	12.5	102.0	
12L		8.7	105.8	
27L	L chl top	3.3	111.2	
40L		1.4	113.1	
TP	6.17	109.43	11.26	103.26

E - D

5+29L				
3L	L chl bluff	3.5	105.9	
±		5.0	104.4	
25R		4.2	105.2	
40R	R chl top	0.0	109.4	
TP	6.96	114.00	2.39	107.04
7+4A				
±	L chl bluff	4.0	110.0	
6R		7.0	107.0	
21R	R chl bottom	8.4	105.6	
40R	R chl top	+2.0	116.0	
10+00				
9L	L chl top	0.4	113.6	
5L		2.1	111.9	

		E - D		
10+00		114.00		
±		2.9	111.1	
4R	L chl bottom	6.5	107.5	
10R		7.5	106.5	
30R	R chl bottom	5.8	108.2	
44R	R chl top	+0.8	114.8	
X Sections on Base A-F (P 47)				
TP	11.54	113.36		101.82
A=0+00				
0+50				
40L		4.0	109.4	
28L	L chl top	6.0	107.4	
12L	L chl bottom	14.6	98.8	
±		14.4	99.0	
11R	R chl bottom	13.3	100.1	
13R	R chl top	8.7	104.7	
40R		5.1	108.3	
1+00				
60R		5.4	108.0	
39R	R chl top	6.8	106.6	
28R	R chl bottom	12.8	100.6	
±	L chl bottom	14.8	98.6	
32L		+4.0	117.4	
75L		+19.0	132.4	

1+18 L	113.36		
50L	+21.0	134.4	
13L Lehl top	5.1	108.3	
±	9.8	103.6	
6R Lehl bottom	14.2	99.2	
10R	14.8	98.6	
52R Rehl bottom	12.0	101.4	

1+68

45R	5.6	107.8	
20R Rehl top	7.7	105.7	
15R Rehl bottom	11.8	101.6	
±	14.4	99.0	
16L Lehl bottom	14.4	99.0	
29L on bluff	0.0	113.4	

1+90

25L on bluff	+1.0	114.4	
16L Lehl bottom	14.5	98.9	
±	14.8	98.6	
10R Rehl bottom	13.5	99.9	
27R Rehl top	6.0	107.4	
50R	5.0	108.4	
85R	4.3	109.1	

2+50 113.36

100R	4.3	109.1	
33R Rehl top	7.3	106.1	
22R Rehl bottom	13.8	99.6	
10R	14.9	98.5	
±	14.0	99.4	
8L base bluff	12.5	100.9	

3+50

18L base bluff	13.0	100.4	
±	15.0	98.4	
5R	15.2	98.2	
21R Rehl bottom	11.4	102.0	
30R	7.0	106.4	

4+50 = F.

26R Rehl top	8.0	105.4	
17R Rehl bottom	14.3	99.1	
7R	14.8	98.6	
±	15.0	98.4	
17L Lehl bottom	14.5	98.9	
24L Lehl top	8.0	105.4	

X sections on base A-B (P 47)

A-B

52

A = 0+00	113.36		
61L		10.6	102.8
29L		10.5	102.9
17L		12.8	100.6
±		13.5	99.9
0+25			
20R		13.8	99.6
±		9.4	104.0
15L		7.4	106.0
29L		7.7	108.7
0+50			
29L		5.8	107.6
±		5.4	108.0
32R		6.1	107.3
51R		7.9	105.5
T.P. 12.70	125.77	0.29	113.07
1+00			
73R		0.6	125.2
±		12.5	113.3
30L Row fence		15.0	110.8
1+40.6			
31L fence		12.0	113.8
±		3.7	122.1
67R		17.7	133.5
100R		12.7	138.5

1+71	125.77		
100R		+12.2	138.0
±		1.8	124.0
31L fence		5.1	120.7
2+00			
32L fence		6.8	119.0
T.P. 9.63	134.48	0.92	124.85
±		12.0	122.5
29R		9.0	125.5
80R		1.0	133.5
2+50			
80R		1.7	132.8
54R		7.8	126.7
±		15.0	119.5
32L fence		18.0	116.5
3+00			
32L fence		18.0	116.5
±		16.4	118.1
40R		11.5	123.0
80R		2.2	132.3
3+50			
90R		10.6	135.1
70R		4.7	129.8
±		14.6	119.9
32L fence		17.5	117.0

A-B

A+00	134.48		
32L fence	16.3	118.2	
±	12.3	122.2	
40R	4.5	130.0	
65R	0.0	134.5	
A+50			
80R	+4.9	139.4	
50R	2.1	132.4	
±	12.8	121.7	
32L fence	16.8	117.7	
S+00			
32L fence	17.8	116.7	
15L	17.5	117.0	
±	15.6	118.9	
76R	1.7	132.8	
S+50			
80R	6.2	128.3	
30R	15.0	119.5	
±	17.7	116.8	
32L fence	17.3	117.2	
G+00			
32L fence	17.1	117.4	
±	17.0	117.5	
50R	16.0	118.5	
100R	5.3	129.2	

A-B

6+50	134.48		
100R	10.7	123.8	
TP 092	124.08	11.32	123.16
75R	4.9	119.2	
30R	6.6	117.5	
±	5.8	118.3	
30L fence	6.7	117.4	
7+00			
31L	6.7	117.4	
16L	5.7	118.4	
±	5.8	118.3	
41R	5.6	118.5	
96R	2.9	121.2	
7+50			
125R	+13.0	137.1	
103R	1.4	122.7	
85R	5.0	119.1	
±	6.0	118.1	
11L	6.0	118.1	
17L	7.5	116.6	
41L	9.1	115.0	
57L	11.6	112.5	
60L	13.3	110.8	

53

A-B

7+80

124.08

71L	13.3	110.8
18L	12.3	111.8
±	8.2	115.9
91R	4.0	120.1
110R	1.0	123.1
730R	+14.0	138.1
8+10 ³ =B.		
155R	+14.0	138.1
125R	3.2	120.9
100R	5.2	118.9
45R	8.2	115.9
43R	11.7	112.4
25R	12.3	111.8
10R	11.0	113.1
±	10.6	113.5
27L	12.4	111.7
38L	10.3	113.8
70L	6.4	117.7

X sections on base B-C

B=0+00 124.08

54

44L	5.9	118.2
32L	L chl top	7.1 117.0
27L	L chl bottom	9.9 114.2
17L		12.1 112.0
±		10.7 113.4
15R	R chl bottom	11.8 112.3
27R	R chl top	8.0 116.1
50R		6.2 117.9
0+50		
50R		5.5 118.6
10R	R chl top	8.2 115.9
6R	R chl bottom	11.7 112.4
4R		12.3 111.8
±		11.4 112.7
3L		9.8 114.3
34L	L chl bottom	10.1 114.0
47L	L chl top	5.0 119.1
1+00		
46L	L chl top	5.0 119.1
38L	L chl bottom	7.8 116.3
17L		9.2 114.9
12L		10.7 113.4
±		11.0 113.1
10R	R chl bottom	10.5 113.6
15R	R chl top	6.7 117.4

B-C

B-C

55

1+60		124.08		
57R		+14.0	138.1	
27R	Reht top	2.3	121.8	
15R	Reht bottom	10.4	113.7	
±		10.9	113.2	
30L	Leht bottom	8.3	115.8	
41L	Leht top	6.4	117.7	
45L		4.8	119.3	
2+00				
41L	Leht top	3.8	120.3	
35L		5.0	119.1	
10L		10.2	113.9	
±		10.4	113.7	
14R	Reht bottom	10.6	113.5	
16R		7.4	116.7	
30R	Reht top	1.7	122.4	
2+80 L				
²⁰⁰ 14R	Reht top	+9.7 1.3	128.8 122.8	
±	Reht bottom	10.0	114.1	
16L		10.4	113.7	
27L		8.9	115.2	
40L	Leht bottom	8.7	115.4	
50L	Leht top	4.5	119.6	

3+00		124.08		
45L	Leht top	4.3	119.8	
30L	Leht bottom	8.4	115.7	
20L		8.9	115.2	
18L		10.2	113.9	
8L		10.4	113.7	
±		9.4	114.7	
12R	Reht bottom	9.6	114.5	
20R		2.6	121.5	
4+00				
33R	Reht top	2.5	121.6	
17R		9.6	114.5	
5R		9.4	114.7	
±		8.4	115.7	
12L	Leht bottom	8.0	116.1	
22L	Leht top	4.0	120.1	
5+00				
28L	Leht top	3.0	121.1	
24L	Leht bottom	5.0	119.1	
14L		9.3	116.8	
±		8.0	116.1	
21R	Reht bottom	7.9	116.2	

{ N end	Bridge B	0.7	123.4
{ S end	V B	2.4	121.7

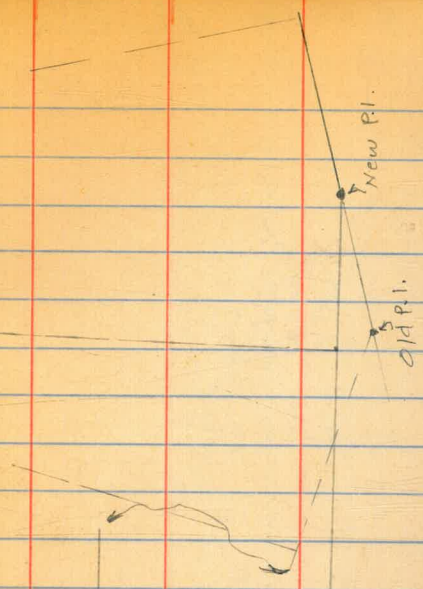
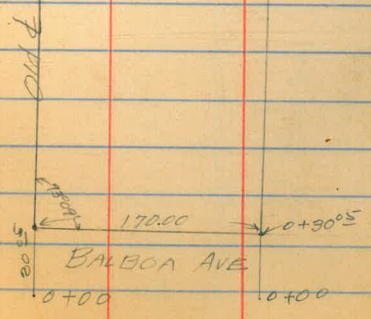
X sections on Base B-D (P47)

0+00=B	124.08		
0+50			
5.4R	6.2	117.9	
4.8R	8.1	116.0	
2.7R	11.0	113.1	
±	12.7	111.4	
8L	12.7	111.4	
9L Lehl bottom	11.0	113.1	
20L Lehl top	8.5	115.6	
1+00			
32L Lehl top	8.3	115.8	
29L Lehl bottom	10.9	113.2	
19L	13.0	111.1	
±	13.3	110.8	
36R Rehl bottom	13.5	110.6	
50R Rehl top	9.7	114.4	
TP 678	121.22	9.64	114.44
1+50			
62R Rehl top	1.9	119.3	
57R Rehl bottom	6.3	114.9	
41R	8.4	112.8	
32R	8.7	112.5	
30R	11.0	110.2	
22R Road fill	11.3	109.9	
15R ✓ ✓	7.8	113.4	
± ✓ ✓	8.0	113.2	
15L ✓ ✓	8.0	113.2	

B-D

56

1+50	121.22		
21L	6.9	114.3	
2+00			
31L	5.2	116.0	
16L Lehl top	5.3	115.9	
5L Lehl bottom	12.3	108.9	
±	12.2	109.0	
9R	12.2	109.0	
11R	10.9	110.3	
25R Rehl bottom	9.2	112.0	
44R Rehl top	4.6	116.6	
75R	1.0	120.2	
2+50			
66R	2.3	118.9	
31R Rehl top	6.7	114.5	
30R Rehl bottom	10.2	111.0	
13R	12.9	108.3	
±	12.5	108.7	
10L Lehl bottom	12.2	109.0	
20L Lehl top	5.2	116.0	
3+00 = D			
28L Lehl top	4.2	117.0	
15L Lehl bottom	12.2	109.0	
±	12.7	108.5	
9R Rehl bottom	12.8	108.4	
10R	11.0	110.2	
25R	6.7	114.5	
37R	5.2	116.0	



Also 1/2
Ladder

Changed Alignment Rose Cañon Road. from Balboa Ave to E.C.

See P 57

SOL

+

SOR

58

8+00

7+00

6+60 P.O.T.

6+00

5+00

4+00

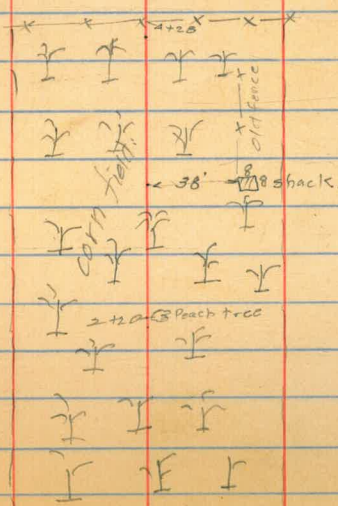
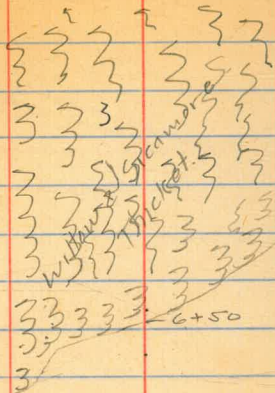
3+00

2+00

1+00

0+30^{es}

0+00



NL Balboa

E? Balboa

17+00

16+00

15+00

14+00

13+00

12+00

11+00

10+00

9+00

SOL

L

SOR

59

24+20.4

= E.C.

24+00

23+00

22+00

21+00

20+00

19+00

$$\Delta = 16^{\circ}40' L$$

$$R = 2085.70$$

$$T = 305.51$$

$$L = 606.70$$

18+13.44 B.C.

18+00

SOL L SR

60

U.S.G.S.

BM

8.46

27.77

1931

0+00²

= Nedge Pav on Φ Sec on N side Pav.

50L

6.36

Φ

5.14

50R

3.95

0+30²⁵

= N.L. Balboa on Φ

60R

2.3

25R

2.9

Φ

3.2

25L

4.3

60L

5.4

1+00

60L

6.0

25L

5.0

Φ

4.1

25R

3.8

60R

2.9

2+00

60R

5.5

25R

5.5

Φ

6.0

25L

6.2

60L

7.4

61

3+00

27.77

60L

8.7

25L

7.7

Φ

7.9

25R

8.0

60R

7.7

4+00

60R

6.8

T.P.

6.67

27.09

7.35

20.42

25R

8.6

Φ

8.5

25L

8.8

60L

9.8

4+50

60L

9.6

25L

9.1

Φ

9.5

25R

9.3

60R

5.3

5+00

60R

10.1

25R

10.0

Φ

10.0

25L

10.1

60L

10.4

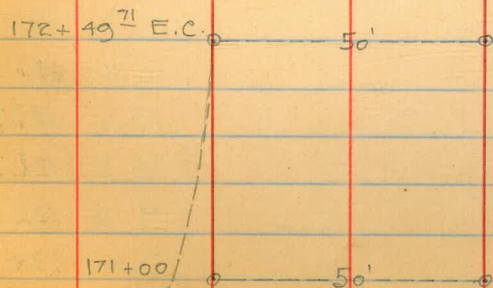
5+50	27.09		
60L		11.2	
25L		11.0	
±		11.5	
25R		11.3	
60R		10.2	
6+00			
60R		4.4	
25R		8.9	
15R		9.9	
±		10.6	
25L		11.3	
60L		11.4	
6+35			
100L		11.4	
50L		11.5	
25L		11.8	
±		10.8	
25R		8.7	
50R		4.4	
6+50			
50R		4.7	
30R		8.9	
25R		10.0	
±		11.5	
H. 6+00	4.30	20.01	11.38
T.P.			15.71

6+50	20.01	
16L		3.9
25L		4.4
50L		4.5
55L		4.0
68L		4.2
86L		10.0
100L		11.9
6+60		

Location of Creek between STA. 171+00
and 176+00

63

Sta		+	H.I.	-	Elev.
BM # 12					130.98
		7.01	137.99 ✓		
171+00	¢ On Easterly Right of Way			4.7	133.3
	49-R			7.8	130.2
	58-R Bottom Creek			11.5	126.5
171+50	¢			5.8	132.2
	22-R			7.7	130.3
	27-R Bottom Creek			11.0	127.0
172+00					
	2-L			6.9	131.1
	¢			9.7	128.3
	4-R Bottom Creek			10.0	128.0
	8-R			9.4	128.6
	10-R			7.6	130.2
	50-R			5.3	132.7
	100-R			3.9	134.1
172+50					
	20-L			5.4	132.6
	18-L			8.8	129.2
	13-L Bottom Creek			9.8	128.2
	8-L			7.9	130.1
	¢			7.1	130.9
	50-R			4.6	133.4
	84-R			4.3	133.7



Easterly Right of Way Line ↘

STA	+	H.I.	<u>138.0</u> 2.3	Elev.	STA	+	H.I.	-	Elev. 64
100-R				135.7	174+00		<u>142.0</u>		
173+00					6-L			9.2	132.8
20-L			4.9	133.1	3-L			11.1	130.9
19-L			8.4	129.6	☐ Bottom Creek			11.5	130.5
14-L Bottom Creek			8.4	129.6	3-R			11.3	130.7
10-L			8.5	129.5	6-R			11.4	130.6
9-L			7.4	130.6	12-R			9.8	132.2
☐			6.4	131.4	18-R			8.7	133.3
18-R			4.4	133.6	50-R			5.2	136.8
50-R			4.3	133.7	90-R			0.0	142.0
100-R			0.0	138.0	174+50				
T.P.			1.40	136.59	☐			7.7	134.3
	5.39	141.98 ✓			6-R			8.5	133.5
173+50					8-R			10.5	131.5
16-L			9.0	133.0	10-R Bottom Creek			11.0	131.0
15-L			11.1	130.9	13-R			10.7	131.3
10-L Bottom Creek			12.1	129.9	16-R			9.7	132.3
7-L			11.7	130.3	50-R			5.8	136.2
6-L			10.8	131.2	175+00				
☐			10.3	131.7	☐			6.4	135.6
3-R			10.2	131.7	16-R			7.9	134.1
7-R			9.2	132.8	19-R			9.7	132.3
43-R			7.4	134.6	25-R Bottom Creek			9.9	132.1
50-R			6.3	135.7	30-R			9.7	132.3
100-R			0.8	141.2	32-R			8.9	133.1

X-Section Rifle Range Rd. from 281+01.99 (E Rose Canyon
to La Jolla Canyon Pavement

STA		+	H.I.	-	Elev.	STA	+	H.I.	-	Elev.
50-R			<u>142.0</u>	6.5	135.5	BM # 24				394.99
175+50							6.35	401.34	✓	
☐				4.0	138.0	0+00 = 281+01.99				
33-R				5.4	136.6	0+50				
42-R				8.4	133.6	30-N			4.6	
48-R	Bottom Creek			8.6	133.6	10-N			5.4	
50-R				9.0	133.0	☐			4.8	
64-R				6.9	135.1	11-S			5.7	
	T.P.			2.51	139.47	20-S			6.5	
		7.64	147.11 ✓			30-S			6.8	
176+00						1+00				
☐				4.0	143.1	30-S			6.2	
17-R				4.5	142.6	15-S			5.3	
25-R				3.0	144.1	11-S			5.0	
40-R				3.1	144.0	☐			4.5	
50-R				12.2	134.9	11-N			5.0	
60-R	Bottom Creek			13.3	133.8	30-N			3.6	
						1+50				
						30-N			3.3	
						13-N			4.2	
						☐			4.1	
						10-S			4.4	
						20-S			5.0	
						30-S			5.5	

Sta	+	H.I.	-	Elev.
2+00				E. Edge La Jolla Canyon Pavement
30-S				Pavement 4.13
15-S				" 4.05
⊕				" 3.93
15-N				" 3.69
30-N				" 3.45

Sta	+	H.I.	-	Elev.
2+20				W. Edge La Jolla Canyon Pavement
30-N				Pavement 3.67
15-N				" 3.95
⊕				" 4.00
15-S				" 4.16
30-S				" 4.11

Sta	+	H.I.	-	Elev.
-----	---	------	---	-------

Sta

+

H.I.

-

Elev.

Sta

+

H.I.

-

Elev?

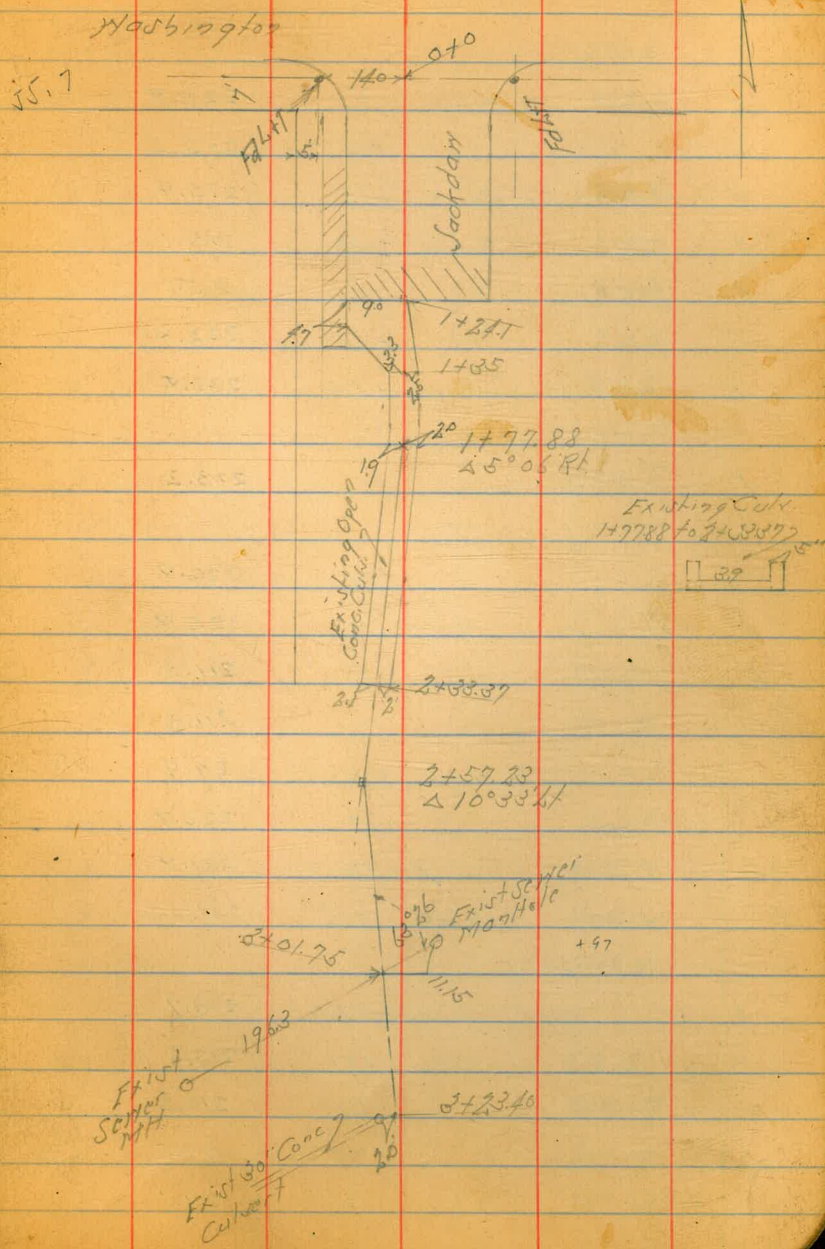
Jackson St. Proposed Extension of Concrete Culvert South of Washington St

BM				
0.92	261.94		261.02	NW.8P Washington & Ingalls
142410	Sly Pav	6.27	255.67	
+35	Bottom Culvert	7.75	259.19	
"	3.3 Rt = Top	6.14	255.80	55.9 CB 2x
"	2.5 Lt = "	6.24	255.70	
TP	0.33	250.08	12.19	249.75
+72.35	Δ in Culvert	4.88	245.20	
"	1.3 Rt = Top	2.90	246.18	
"	2.6 Lt = Top	2.95	246.13	
+77.88		6.23	243.85	
"	1.9 Rt = Top	5.20	249.88	
"	2.0 Lt = "	5.23	249.85	
TP	0.26	241.12	9.22	240.86
2104	Grade Bk Bottom	2.97	238.15	
"	2.0 Lt = Top	1.85	239.27	
"	1.9 Rt = "	1.80	239.32	
2+3337	End Open Conc. Culv.	11.00	230.12	
"	2.0 Lt = Top Culv	10.42	236.70	
"	10' Lt	18.8	227.3	
"	21 Rt = Top Culv	10.55	230.57	
"	5' Rt	9.0	232.1	
"	10' Rt	8.8	232.3	
TP	0.43	228.85	22.70	228.42

Indexed
c.s.k.

June 28, 16
S. 1500
Bliss
Osborne

68



228.85 ✓

2+34

15	Lt	3.0	225.9
11	Lt	3.4	225.5
3	Lt: Bot. Wash	12.5	215.9
8	" "	12.8	215.1
4	Rt: " "	13.8	215.1
5	" "	73.5	232.9
10	" "	74.5	233.9
2+44			
8	Bottom Wash	15.6	213.2
2+57.23			
15	Rt	2.5	226.9
6	Rt	3.5	225.9
3	Rt: Bot	17.1	211.8
2	" "	17.1	211.8
5	Lt: " "	17.0	211.9
8	Lt	5.2	223.7
15	"	7.2	221.7
TP	1.30	217.49	216.19
2+75			
15	Lt	71.2	218.7
3	Lt	72.1	219.6
3	Lt: Bot Wash	70	210.5
8	" "	70	210.5
4	Rt " "	64	211.1

217.49 ✓

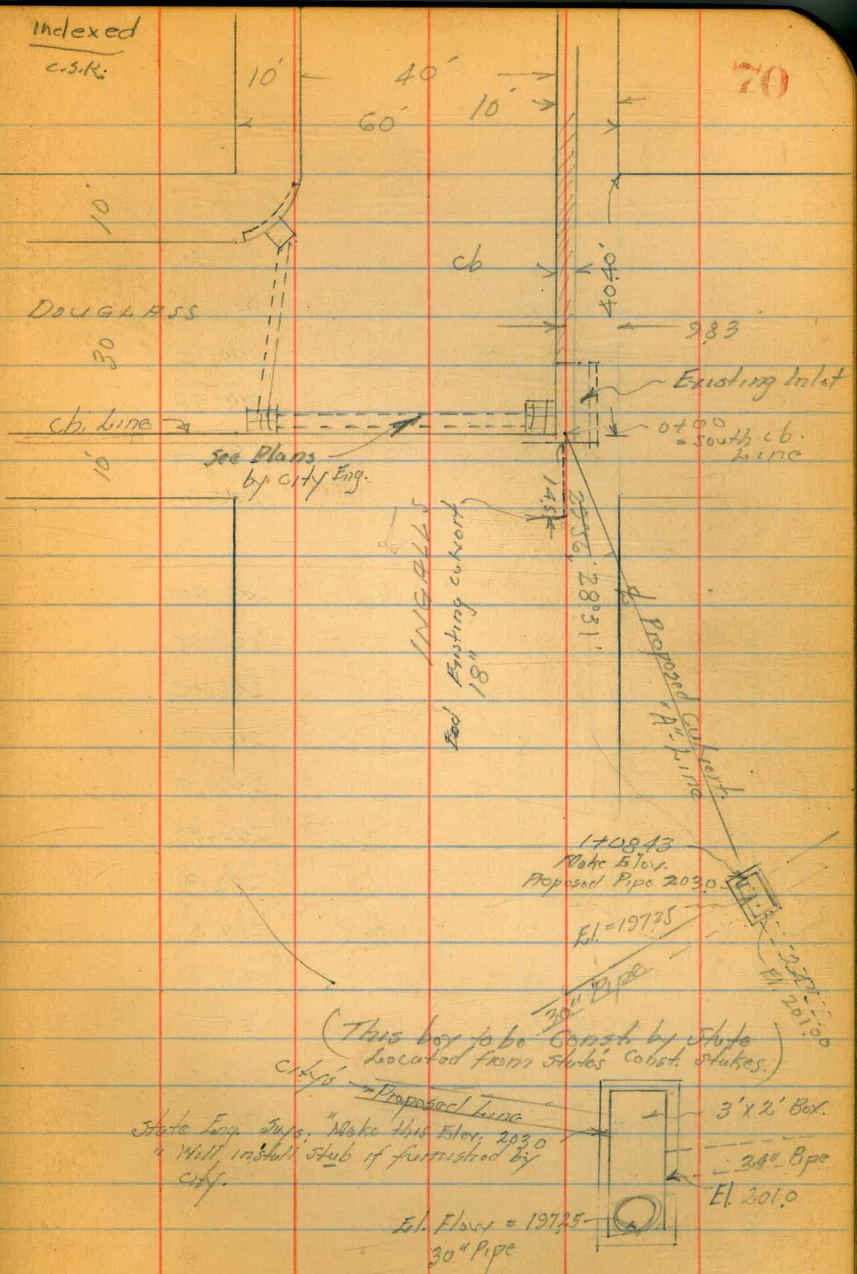
69

5	Rt	73.3	220.8	
15	Rt	74.5	222.0	
2+89				
15	Rt	71.3	218.8	
9	Rt	70.5	218.0	
5	Rt: Bot. Wash	7.5	210.0	
8	Rt " "	7.5	210.0	
5	Lt " "	6.2	211.3	
5	Lt	1.8	215.7	
10	Lt	2.0	215.5	
15	Lt	3.5	219.0	
3+0				
10	Lt	6.8	210.7	
8	"	6.7	210.8	
10	Rt	6.1	211.9	
3+23.4: Opp 36 Conc Culvert				
10	Rt	9.8	207.7	
2	Rt: End 36" Conc Culvert	12.33	205.16	Flow Line
8	"	12.3	205.2	
10	Lt	11.8	205.7	
3+01.75 = Existing Sewer				
11.5	Lt = Exist M.H.	49.5	213.5	on R.M.
"	" " "	12.10	205.39	Flow Line
1963	Rt = Exist M.H.	10.30	207.19	on R.M.
"	" " "	18.46	199.03	Flow Line
State TP	" " "	7.85	209.64	State 209.47

Walker
Hazard
Hardin
8-26-44

INGALLS ST. - Proposed Extension
of Culvert - South of Douglass St.
"A" Line

8PBM					
Page 68	0.96	261.28		261.02	
TP	0.91	250.35	11.94	249.44	
0+00 on C.			0.91	249.44	
0+00 on Gutter			1.90	248.45	
0+00 " Flow Box			5.53	249.82	= Floor outlet
0+10			1.5	248.9	
0+14.5			5.8	244.6	
			7.21	243.12	
4.7 ft on South end Existing 18" Pipe					
0+18			10.4	240.0	
TP	3.16	241.70	11.81	238.54	
0+31.5			8.6	233.1	
9' At. = Existing Wash			10.8	230.9	
TR	0.46	229.09	13.97	228.63	
0+45			4.7	224.9	
0+52			5.8	223.3	
120' At. = Ditch			4.6	224.5	= Δ in Ditch
6' South of Above			7.3	221.8	
0+60			8.1	221.0	
782			12.4	216.7	
795			17.7	211.4	
797			22.8	206.3	
1708.43 Ground.			23.7	205.4	this to be filled in same by State
chk. State Hub			13.84	215.25	State Hub
				215.09	Diff.
				0.16	



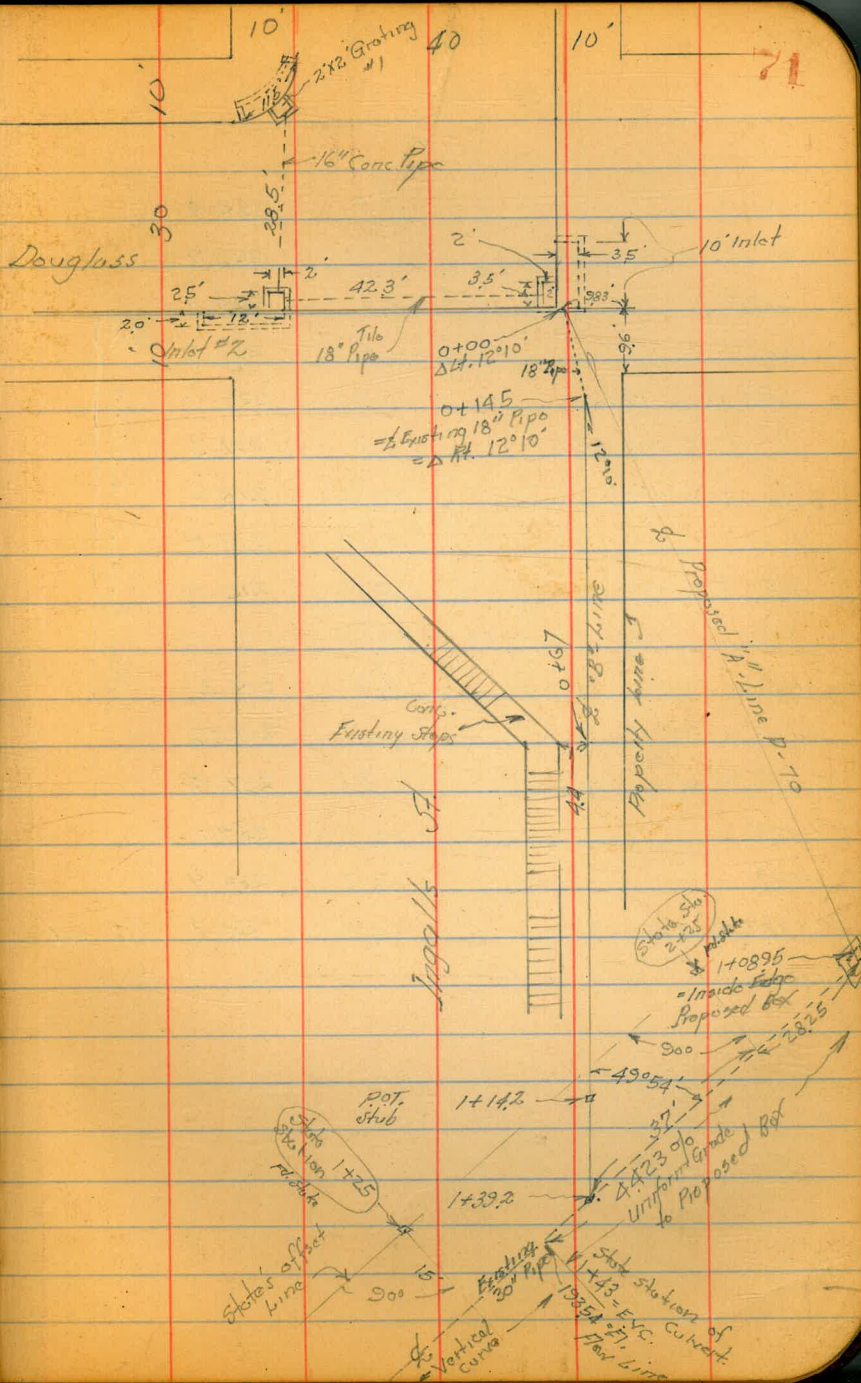
70

Walker
Hogart
Hedin
8-30-44

Location and levels Proposed Culvert
Alternate line, = 8" line

on cb 0100					B.M.
Page 70	490	254.34		249.44	
Inlet #1 on Cb.		4.44		249.90	
" " Grating		5.26		249.08	
" " Floor 16"		7.99		246.35	
Inlet #2 on curb		4.36		249.98	
Grating		5.08		249.26	
Floor 16" Pipe (North)		8.40		245.99	
" " 18" "		8.40		"	
					$\Delta Rt. 12^{\circ} 10'$
0+00 on curb		4.90		249.99	
0+00 " Grating		5.88		248.96	
0+00 on Floor 18" (West)		9.29		245.05	
0+00 " " to South		9.58		244.76	
0+10		5.9		248.9	
					$\Delta Rt. 12^{\circ} 10'$
0+14.5 End Existing 18" Tile Pipe		11.46		242.88	
+17.5 End Conc. Pipe		11.9		242.9	
+18		15.0		239.3	
TP	0.15	241.48	13.01	241.33	
0+25 on fill in ditch		7.1		237.9	
" Natural Ground		10.1		231.9	
0+36 in ditch		12.3		229.2	
3' " " 8' Wide		13.2		228.3	
TP	0.15	228.77	12.86	228.62	

Cont. p. 72



"B"-line Levels.
Cont. from p. 71

			228.77	✓	
0+50			3.9		224.9
4' Lt. in Ditch	4' wide		6.1		222.7
755			3.9		224.9
0+67			5.9		222.9
4.4' Rt. on Walk			5.76		223.01
8' Lt. W. Bank Ditch			7.5		221.3
12' Lt. S. Ditch			10.2		218.6
0+91			10.5		218.3
4.9' Rt. on Walk Landing			13.68		215.09
TP	1.46	217.58	12.65		216.12
1+03			3.3		214.3
1+14 ² on POT. Sub. Conc.			8.02		209.56
4.4' Rt. on Landing			10.53		207.05
1+24			10.1		207.5
+28			12.7		204.9
1+39.2	Existing 30" Pipe		13.7		203.9 on Ground
chk. Stake	2126.75	26' Lt.	2.33		215.25 p. 70 ✓

88

Notes Reduced. 8-31-48

73

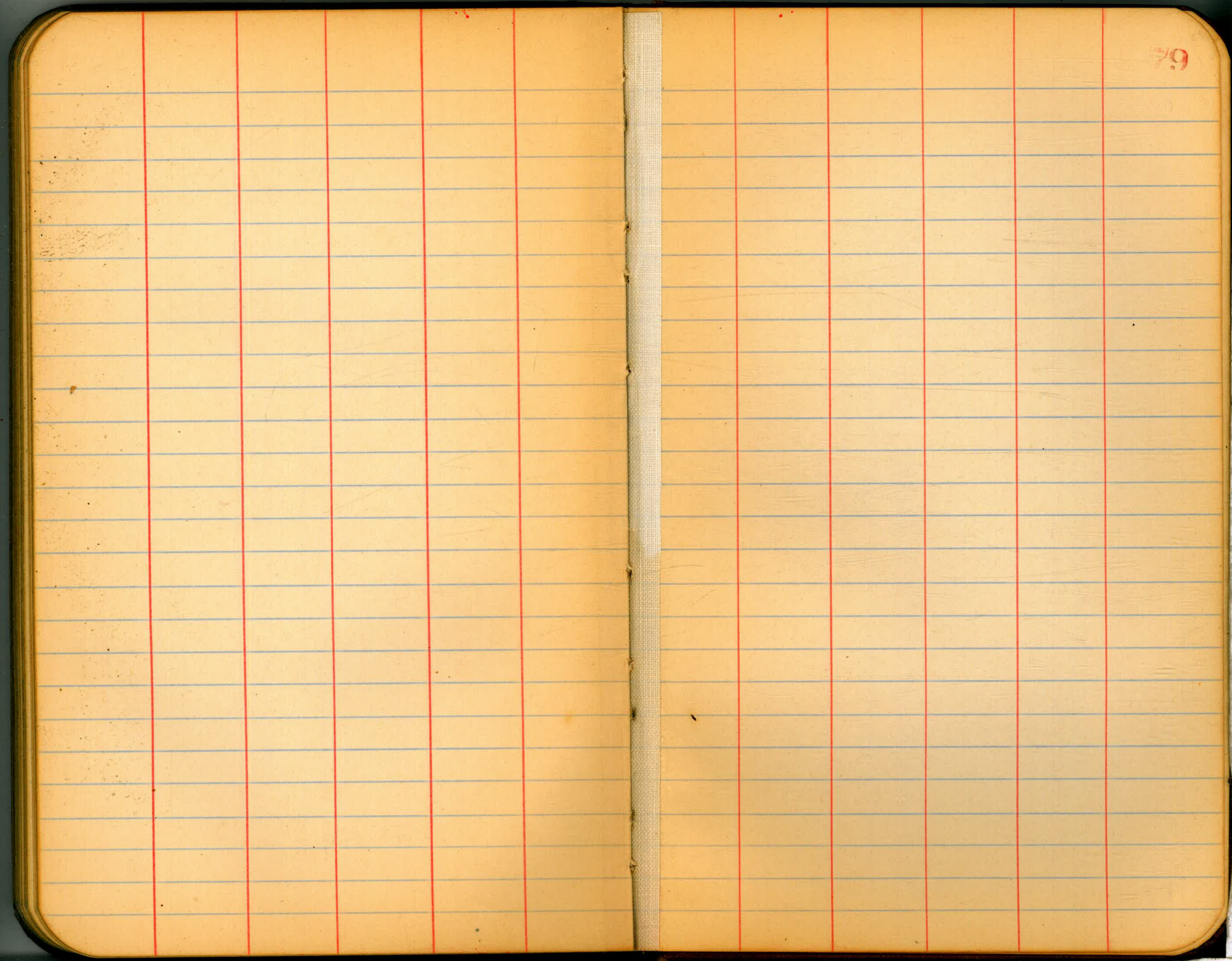
74

25

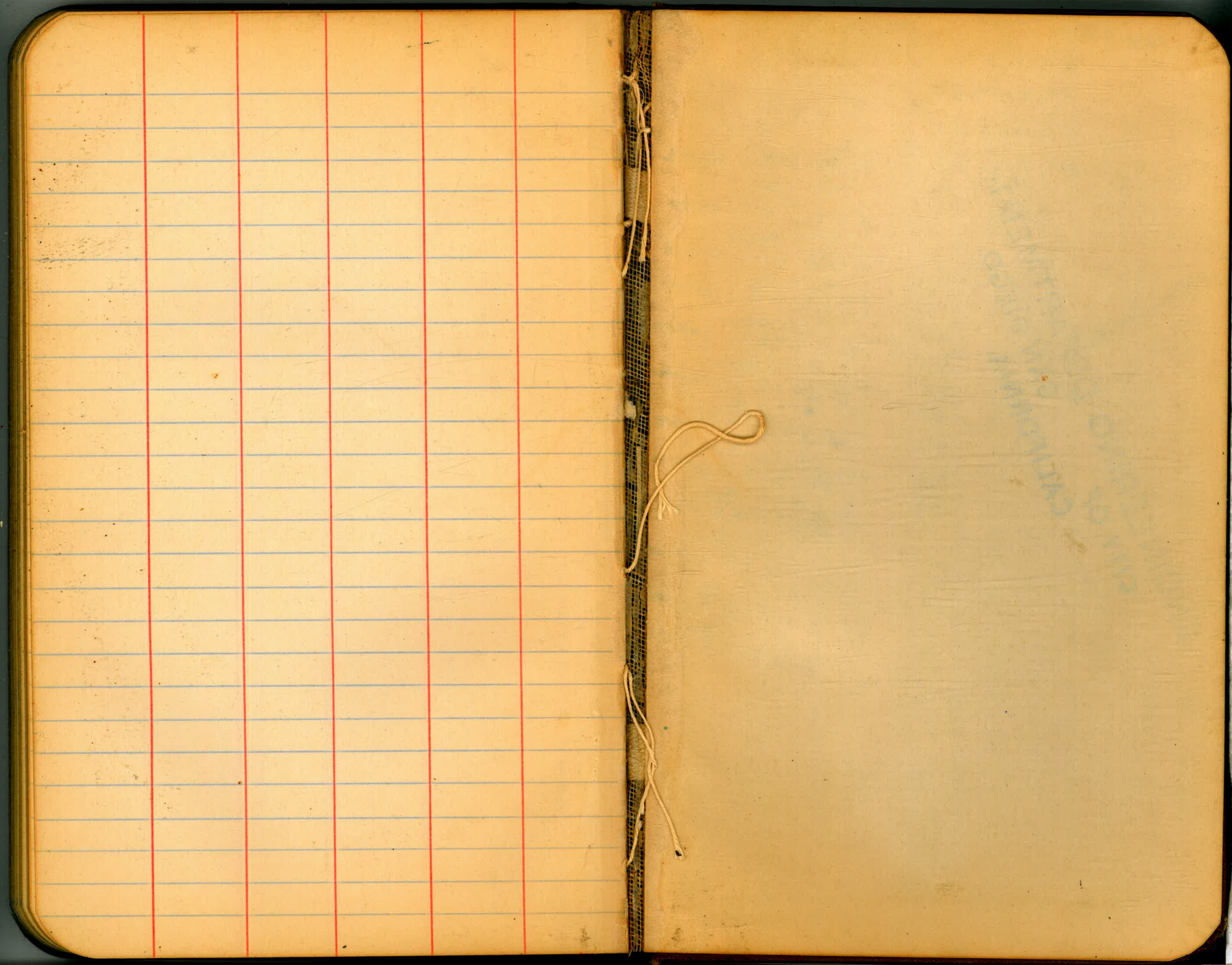
76

77

78



67



18+13⁴⁴

b = 16°40

8-20

R = 2085.70

T = 305.51

L = 606.70

145.44

210.14

ENGINEERING DEPARTMENT
CITY OF SAN DIEGO,
CALIFORNIA.

0-30-07 36.52

41-12

1-11-19 19+00

41-12

1-52-31 ✓ 19+50

41-12

2-33-43 ✓ 20+00

41-12

3-14-55 ✓ 20+50

41-12

3-56-07 ✓ 21+00

41-12

4-37-19 ✓ 21+50

41-12

5-18-31 ✓ 22+00

41-12

5-59-43 ✓ 22+50

41-12

6-40-55 ✓ 23+00

41-12

7-22-07 ✓ 23+50

41-12

8-03-19 ✓ 24+00

{ 219+8376
249+50

463

91

534

70

75

88

7+00

7+05

+22

43

54

60

80

