

MISSION BAY

80



79-13
MICROFILMED
JAN 8 1965

MADE IN U. S. A.

145
Our Leather Bound Engineers Note Books
are carried in the following rulings:

- No. 380 LEVEL BOOK. Left and Right Hand Page
the same as Left Hand Page
of this Book.
- No. 382 FIELD BOOK. Left Hand Page as in this
Book, Right Hand Page 4x4
to the inch, Center Line Red.
- No. 384 MINING TRANSIT
BOOK. Left Hand Page as in this
Book, Right Hand Page 8x8
to the inch, Center Line Red.
- No. 385 FIELD BOOK. Left Hand Page as in this
Book, Right Hand Page 8 ver-
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THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

P. O. Box 803

CHICAGO

CROSS SECTIONS OF TIERRA
DEL FUEGO ISLAND FOR
DRAINAGE & LANDSCAPING

STA. W 161+00; 0+00 = N 9,000

Sta	+	H.I.	-	Elev.
TBM.				13.33
	5.02	18.35		
0			5.4	13.0
N 51			5.5	12.8
N 69			5.7	12.6
N 120			5.7	12.6
N 138			5.5	12.8
N 184			7.1	11.2
N 232			10.0	8.3
N 260			12.1	6.25

STA. W. 160+00; 0+00 = N 9,000

Sta	+	H.I.	-	Elev.
TBM.	5.47	18.59		13.12
N 159			12.7	5.9
N 149			10.5	8.1
N 146			9.3	9.3
N 116			6.6	12.0
N 82			6.9	11.7
N 63			5.6	13.0
N 43			6.0	12.6
0			5.5	13.1

9-19-52

NOTE: These Sections Contd. from
M.B.F.B. No 69

TIERRA CROSS SECTIONS CONTD.

9-19-52

STA W 159+00; 0+00 = N 9,000

Sta	+	H.I.	-	Elev.
T.B.M.				13.34
	5.00	18.34		
0			5.4	12.9
N 32			5.8	12.5
N 57			5.8	12.5
N 76			6.1	12.2
N 112			9.0	9.3
N 119			10.6	7.7
N 131			12.2	6.1

PX

STA W 158+00; 0+00 = N 9,000

T.B.M.				Elev.
				13.09
	5.63	18.67		
N 147			13.2	5.5
N 125			10.5	8.2
N 93			7.1	11.6
N 63			6.0	12.7
N 11			6.0	12.7
0			5.5	13.2

PX

TIERRA CROSS SECTIONS CONT'D.

8-19-52

STA. W 157+00; 0+00 = N 9,000

Sta	+	H.I.	-	Elev	N 9000 W 156+00
T.B.M.				13.23	

5.10 18.33

0			5.5	12.8	PK
N 54			5.8	12.5	
N 94			6.0	12.3	
N 126			6.4	11.9	
N 150			7.0	11.3	
N 170			10.0	8.3	
N 191			11.9	6.4	

STA. W 156+00; 0+00 = N 9000

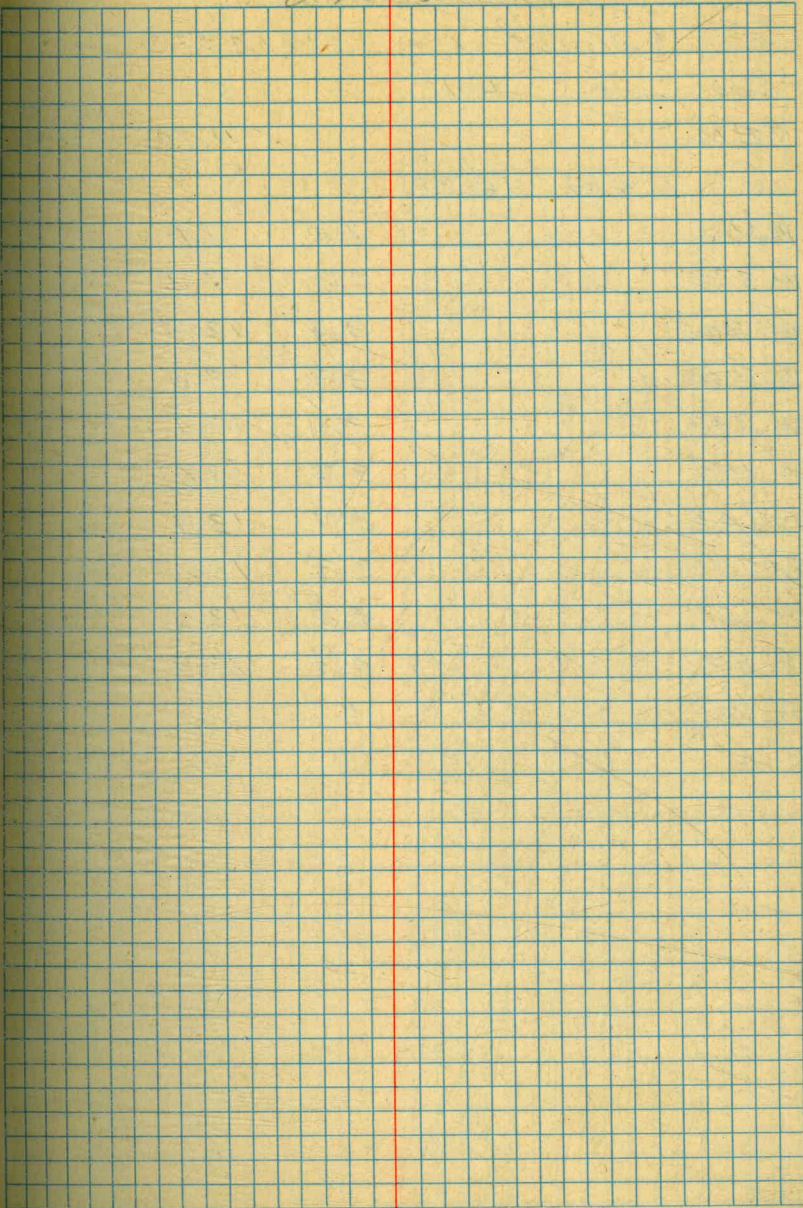
T.B.M.	+	H.I.	-	Elev	N 9000 W 155+00
	5.41	18.41		13.00	

N 630			10.7	7.7	PK
N 626			6.6	11.8	
N 576			5.9	12.5	
N 527			6.3	12.1	
N 480			8.0	10.4	
N 430			10.8	7.6	
N 380			11.0	7.4	
N 342			9.8	8.6	
N 311			7.6	10.8	
N 263			5.9	12.5	
N 200			5.9	12.5	
N 178			5.6	12.8	
N 122			6.0	12.4	
N 60			5.8	12.6	
0			5.4	13.0	

TIERRA CROSS SECTIONS CONT'D.

8-19-52

Sta	H.I.	Elev	
STA. N 79+00; 0+00 = W14,934.32			
T.B.M.		11.12	N 80+00 W14935.34
	5.01	16.13	
# 0	5.0	11.1	PX
W 22	4.1	12.0	
W 72	4.0	12.1	
W 112	3.5	12.6	
W 162	3.0	13.1	
W 216	2.7	13.4	
W 270	2.7	13.4	
W 322	2.5	13.6	
W 372	2.6	13.5	
W 418	2.6	13.5	
W			



TIERRA CROSS SECTIONS CONT'D.

8-19-52

STA N80+00; 0+00 = W14952.34

Sta	+	H.I	=	Elev
TBM				11.295
	4.91	16.21		
W460		7.4		8.8
W 395		6.0		10.2
W 342		3.4		12.8
W 294		3.2		13.0
W 243		3.1		13.1
W 195		3.2		13.0
W 145		2.9		13.3
W 100		3.3		12.9
W 77		4.0		12.2
W 32		4.3		11.9
W 20		4.3		11.9
0		5.1		11.1

N81+00
W14970.35
2X

TIERRA CROSS SECTIONS CONT'D.

8-19-52

STA. N. 81+00 W. 14.970.35

Sta.	+	H.I.	-	Elev.
T.B.M.				11.45
	490	16.35		
# 0			5.05	11.0
W 21			4.6	11.7
W 35			5.1	11.2
W 78			4.3	12.0
W 123			3.7	12.6
W 182			3.5	12.8
W 223			3.2	13.1
W 260			3.3	13.0
W 294			3.6	12.7
W 322			4.1	12.2
W 355			8.0	8.3

N 82+00
W 14.970.35

~~X~~

6

TIERRA CROSS SECTIONS CONTINUED

STA. N. 82+00; @+00 = W. 14,988.37

Sta	H.1	Elev.	
T.B.11		11.46	N 83+00 W 15006.35
	5.01	16.47	

W 343	8.2	8.3	FX
W 303	4.1	12.4	
W 270	3.6	12.9	
W 232	3.5	13.0	
W 190	3.5	13.0	
W 145	3.5	13.0	
W 105	3.9	12.6	
W 76	4.4	12.1	
W 33	5.1	11.4	
W 23	4.6	11.9	
0	5.0	11.5	

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7

TIERRA CROSS SECTIONS CONT'D.

8

8-19-52

STA. N. 83+00; 0+00 = W. 15,006.39

Sta	+	H. I.	-	Elev.	N 84+00
TBM.				11.39	W 15024.01

5.18 16.57

0		5.1		11.5	PX
W 13		4.5		12.1	
W 31		4.5		12.1	
W 34		4.9		11.7	
W 77		4.6		12.0	
W 122		3.9		12.7	
W 173		3.2		13.4	
W 210		3.6		13.0	
W 248		3.8		12.8	
W 295		3.9		12.7	
W 350		4.4		12.2	
W 400		5.4		11.2	

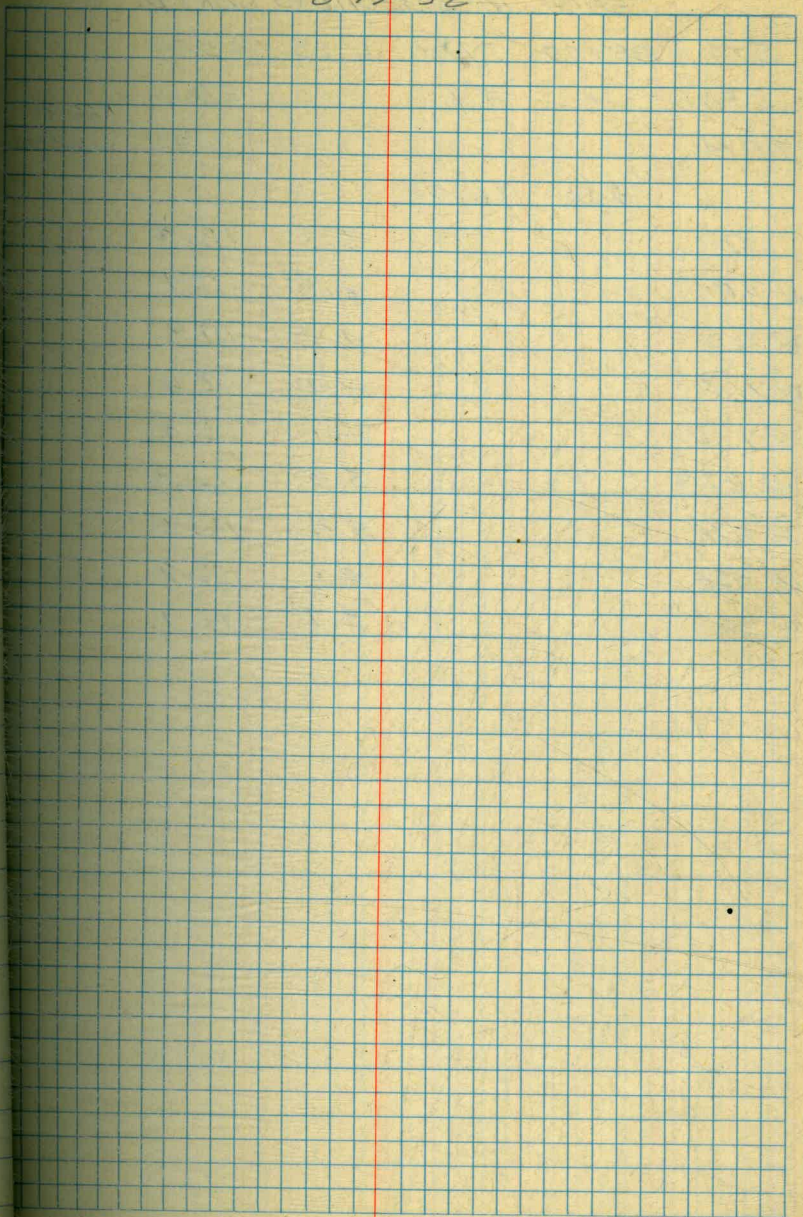
TIERRA CROSS SECTIONS CONT'D.

8-19-52

9

STA	NB 4+00; 0+00 = W/15,024.40		
Sta	+	H.I.	- Elev.
T.B.M.			11.38
	5.19	16.57	
W 405			4.6 12.0
W 360			4.5 12.1
W 310			4.0 12.6
W 258			4.0 12.6
W 207			4.1 12.5
W 168			3.8 12.8
W 110			4.4 12.2
W 62			4.6 12.0
W 28			4.7 11.9
W 0			5.2 11.4

PT



TIERRA CROSS SECTIONS CONT'D.

STA N 85+00, 0+00 = W 15,042.42

Sta	+	H.I.	-	Elev.	
T.B.M.				11.27	X86+00 W150668
	5.16	16.43			
0			5.1	11.3	XX
W 30			4.5	11.9	
W 60			4.5	11.9	
W 112			4.0	12.4	
W 170			4.0	12.4	
W 223			3.9	12.5	
W 278			3.8	12.6	
W 324			4.1	12.3	
W 363			3.7	12.7	

8-19-52

(10)

TIERRA CROSS SECTIONS CONTD.

STA N86+00; 0+00 = W 15,060.43

Sta	+	H.I.	-	ELV.	N85+00 W15092.42
T.B.M.		5.06	16.44		
W 368			3.1	13.3	XX
W 316			3.1	13.3	
W 270			3.0	13.4	
W 220			3.2	13.2	
W 170			3.6	12.8	
W 134			3.7	12.7	
W 89			4.2	12.2	
W 34			4.6	11.8	
0			5.2	11.2	

8-19-52

TIERRA CROSS SECTIONS CONTD.

STAN 87+00; 0+00 = W15078.45

Sta	+	H.1	-	Elev.	
I.B.M.				11.27	NB6400 W15066.22
	4.72	$\frac{16.0}{15.99}$			
0			5.6	10.4	PX
W 12			5.2	10.8	
W 16			4.4	11.6	
W 22			5.1	10.9	
W 73			4.1	10.9	
W 128			3.3	12.7	
W 182			2.7	13.3	
W 230			1.9	14.1	
W 280			1.6	14.4	
W 312			1.3	14.7	
W					
W					
W					

8-19-52

12

TIERRA CROSS SECTIONS CONT'D.

STAN 88+00; 0+00 = W15.096.47

Sta	+	H.I.	-	Elev.	N89+00 W1511448
T.B.M.	478	15.81		11.03	
W358			0.8	15.0	XX
W308			1.1	14.7	
W250			0.9	14.9	
W200			1.8	14.0	
W150			2.7	13.1	
W102			3.3	12.5	
W62			3.8	12.0	
W28			4.6	11.2	
0			5.5	10.3	

8-19-52

13

TIERRA CROSS SECTIONS CONT'D.

STAN 89+00; 0+00 = W. 15, 114.48

Sta.	+	H. I.	-	Elev.
T.B.M.				11.22

N 90+00
W 15132

4.92 16.14

0		5.1	11.0
W 21		4.5	11.6
W 40		4.6	11.5
W 87		3.6	12.5
W 140		3.5	12.6
W 190		3.2	12.9
W 230		2.7	13.4
W 283		2.2	13.9
W 340		2.1	14.0
W			

8-19-52

79

TIERRA CROSS SECTIONS CONT'D.

8-19-52

STA. N 90+00; 0+00 = W. 15, 132.50

Sta	+	H.I.	-	Elev.	
T.B.M.				11.03	N 89+00 W 15, 114.98
	5.30	16.33			
W 365			3.5	12.8	PX
W 295			3.4	12.9	
W 245			3.6	12.7	
W 198			3.7	12.6	
W 150			3.8	12.5	
W 105			3.9	12.4	
W 53			4.0	12.3	
W 22			4.3	12.0	
0			5.1	11.2	
T.P.			4.98	11.35	N 21+00 W 15, 150.5

TIERRA CROSS SECTIONS CONT'D.

8-19-52

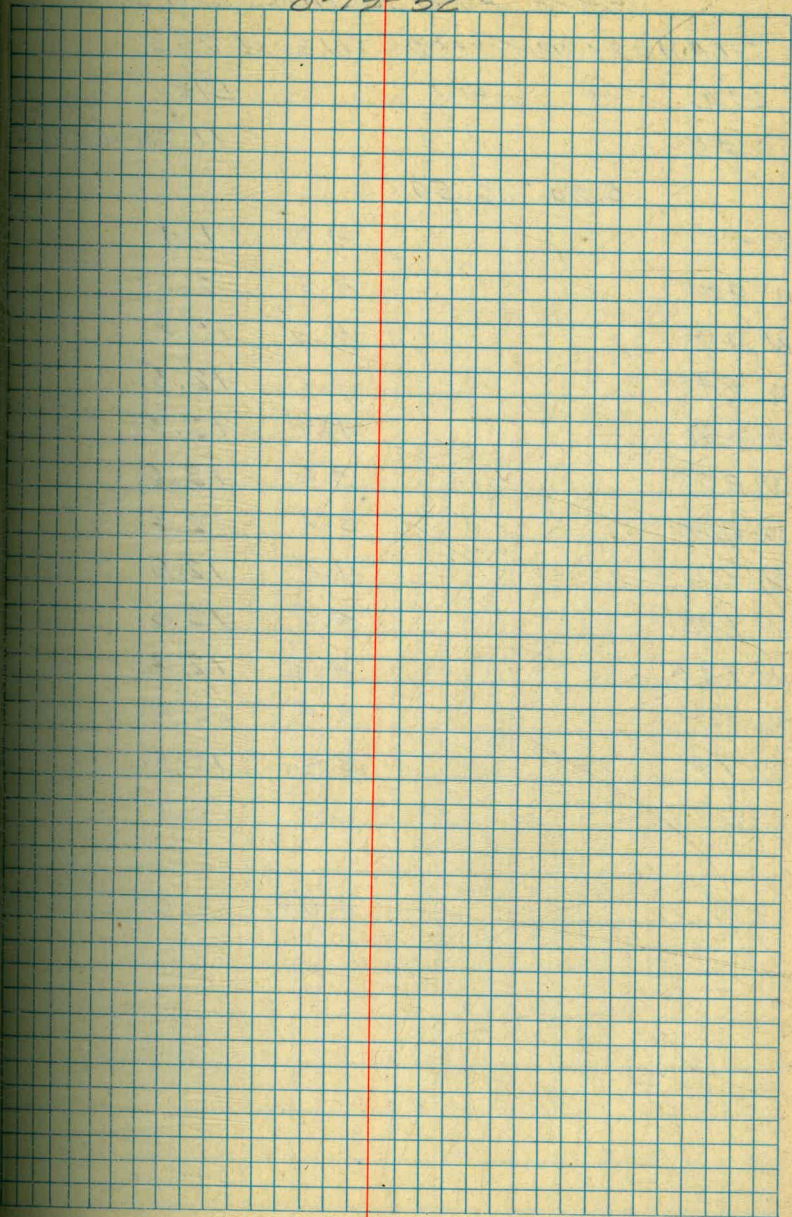
STAN. 91+00; 0+00 = W 15,150.52

Sta	+	H. I	-	Elev.
T.B.M.				11.22
	5.15	16.37		
0			5.1	11.3
W 20			4.2	12.2
W 47			4.4	12.0
W 98			3.9	12.5
W 150			4.0	12.4
W 203			3.8	12.6
W 265			3.8	12.6
W 312			3.5	12.9
W 354			3.9	12.5
W 403			3.9	12.5
T.P.			4.98	11.39

N 9 000
W 15 150.52

N 9 2700
W 15 168.52

PA



TIERRA CROSS SECTIONS CONT'D.

8-19-52

STAN 92+00 ; 0+00 = W15, 168.53

Sta	+	H.I	-	Elev.	
T.B.M.				11.35	N91+00 W15150.50
	5.24	16.59			
W 505			9.2	7.4	PX
W 495			8.5	8.1	
W 483			5.3	11.3	
W 440			4.1	12.5	
W 380			4.3	12.3	
W 330			3.6	13.0	
W 280			3.7	12.9	
W 230			4.0	12.6	
W 173			4.0	12.6	
W 125			4.2	12.4	
W 70			3.8	12.8	
W 19			3.8	12.8	
0			5.1	11.5	
T.P.			4.98	11.61	

TIERRA CROSS SECTIONS CONT'D.

STA. N. 93+00; 0+00 = W15, 186.55

Sta	+	H.I.	-	Elev.
T.B.M.				11.39
	5.26	16.65		
0			5.1	11.5
W 26			3.8	12.8
W 72			4.1	12.5
W 120			3.9	12.7
W 170			4.0	12.6
W 220			4.2	12.4
W 280			4.1	12.5
W 323			4.1	12.5
W 372			3.7	12.9
W 410			5.2	11.4
W 430			9.6	7.0

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TIERRA CROSS SECTIONS CONT'D.

STA. N 94+00; 0+100 = W 15,209.57

Sta	+	H.1	-	Elev.
TBM				11.61
	5.25	16.86		
W 388			8.4	8.5
W 382			4.8	12.1
W 330			4.5	12.4
W 280			4.1	12.8
W 230			4.2	12.7
W 180			4.0	12.9
W 133			4.1	12.8
W 86			3.9	13.0
W 45			4.4	12.5
W 21			4.2	12.7
0			5.1	11.8
TP			4.94	11.92

N 93+00
W 15186.55

N. 95+00
W 15222.55

8-19-52

TIERRA CROSS SECTIONS CONT'D.

20

8-19-52

STA N. 95+00; 0+00 = W 15, 222.58

Sta	+	H.1	-	Elev.	
T.B.M.				11.61	N93+00 W1518.55
	5.35	$\frac{17.0}{16.96}$			
T.B.M.			5.27	11.69	N94+00 W1520.57
0			5.1	11.9	PX
W 17			4.2	12.8	
W 48			4.6	12.4	
W 100			4.2	12.8	
W 160			4.5	12.5	
W 210			4.4	12.6	
W 270			4.3	12.7	
W 316			4.6	12.4	
W 360			4.4	12.6	
W 376			5.6	11.4	
W 389			9.3	7.7	
TP.			4.99	11.97	N96+00 W15240.42

TIERRA CROSS SECTIONS CONT'D.

STA. N96+00; 0+00 = W15240.60

Sta.	+	H.I.	-	Elev.
T.B.M.				11.92
	5.11	17.03		
W 370			9.6	7.4
W 368			5.1	11.9
W 340			4.1	12.9
W 290			4.8	12.2
W 236			4.5	12.5
W 190			4.4	12.6
W 140			4.3	12.7
W 103			3.8	13.2
W 52			4.0	13.0
W 24			4.0	13.0
0			5.0	12.0
T.P.			4.93	12.10

N95+00
W15272.55

PX

N97+00
W15258.51

8-19-52

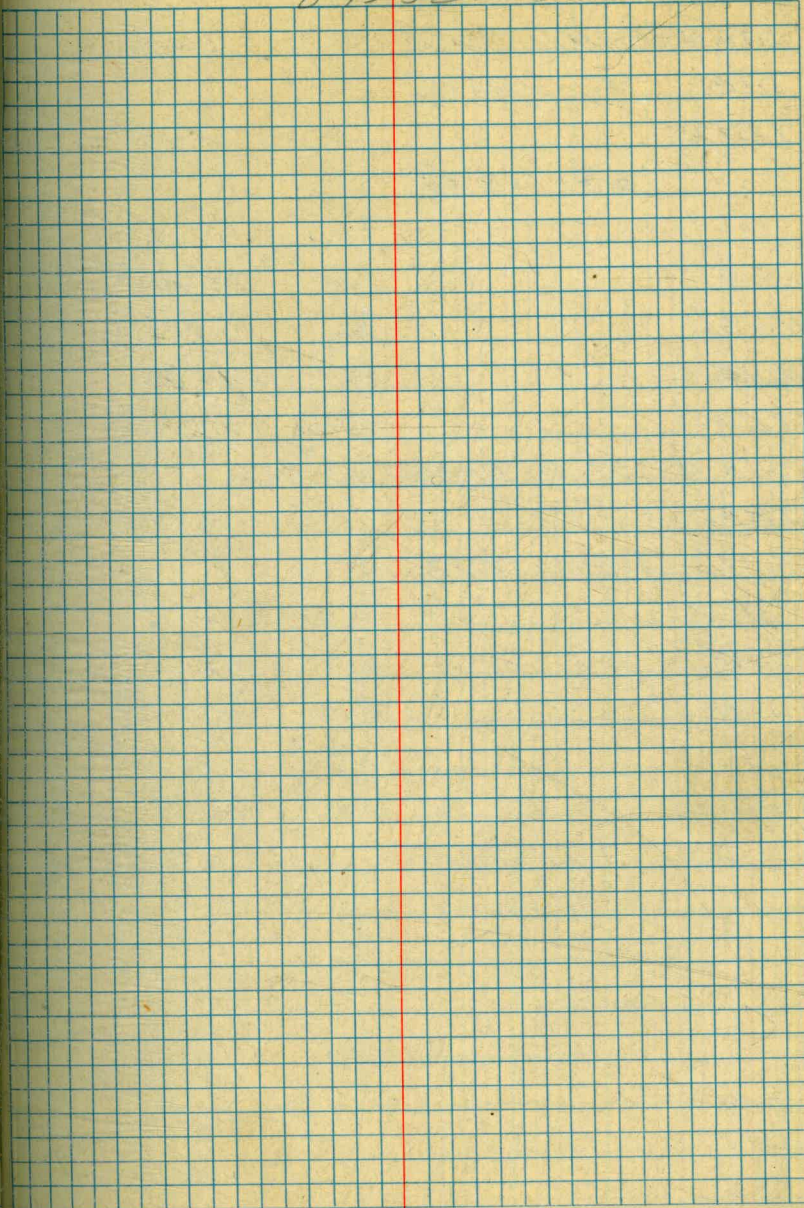
TIERRA CROSS SECTIONS CONT'D

8-19-52

PT

STA. N. 97+00; 0+00 = W 15,258.61

Sta	+	H.I	-	Elev.	
T.B.M.				11.97	N96700 W1524060
	5.21	17.18			
0			5.1	12.1	
W 41.4			4.77	12.41	N9700 W153400
W 90			4.8	12.4	
W 141.4			4.77	12.4	N9700 W15400
W 190			4.8	12.4	
W 241.4			4.65	12.53	N9700 W155400
W 296			4.9	12.3	
W 302			9.1	8.1	
T.B.M.			4.47	12.71	N98400 W1527600



TERRA CROSS SECTIONS CONT'D.

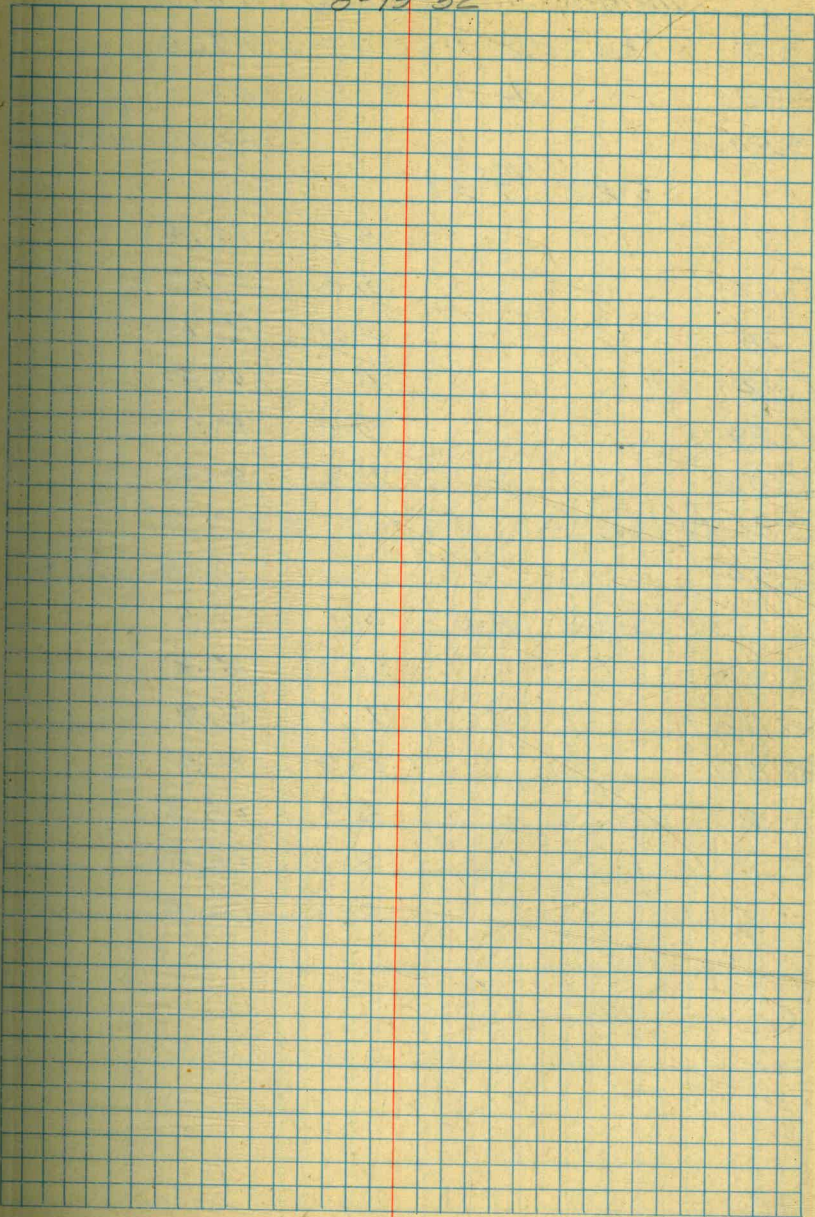
8-19-52

STA N 98+00; 0+00 = W 15, 276.63

Sta	H.I.	Elev.	
T.B.M.		12.10	N 97+00 W 15258.61
	5.91	18.01	
0		5.3	12.7 PX
W 28		5.4	12.6
W 43		5.1	12.9
W 74		7.7	10.3
W 116		10.5	7.5

STA. W 153+00; 0+00 = N 9, 700

Sta	H.I.	Elev.	
T.B.M.		12.10	N 97+00 W 15258.61
	5.63	17.73	
0		5.3	12.4 PX
N 50		5.5	12.2
N 100		4.8	12.9
N 111		7.9	9.8
N 130		11.0	6.7



TIERRA CROSS SECTIONS CONT'D.

8-19-52

STA W154+00; 0+00 = N9.700

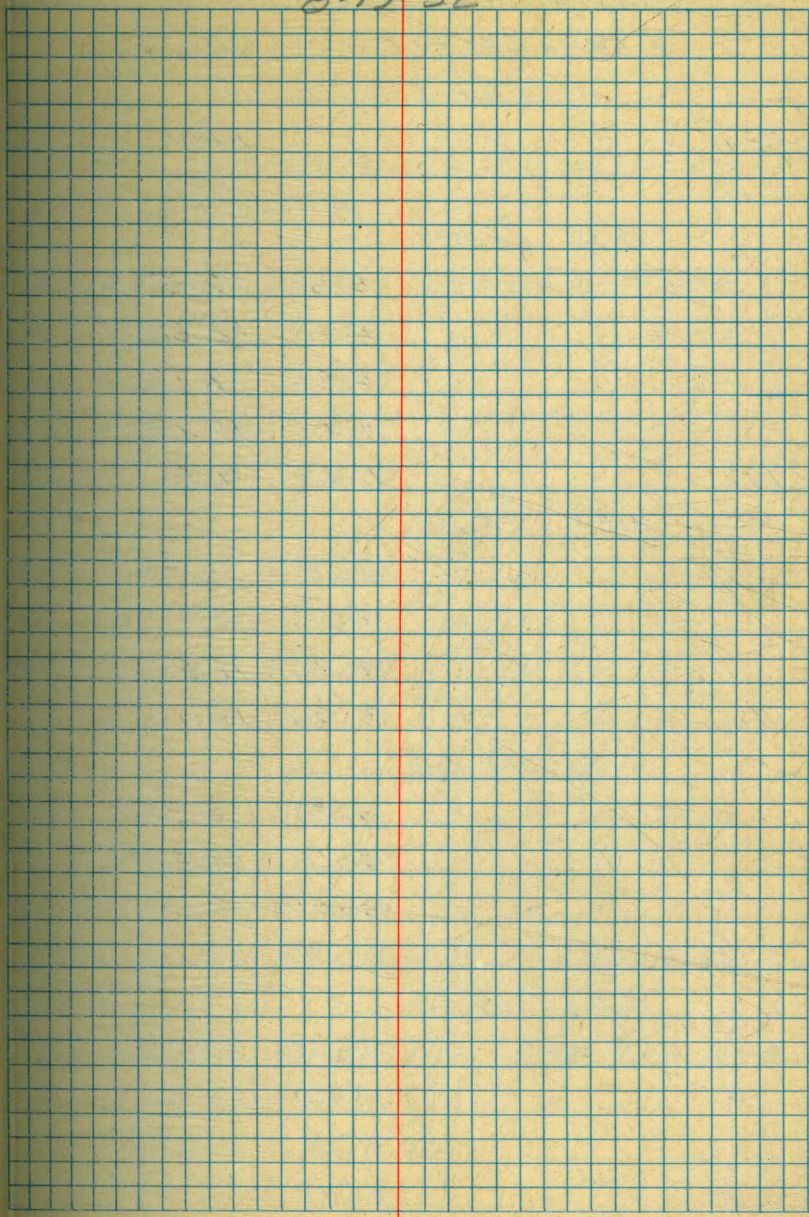
STA	H.I.	-	Elev.
T.B.M.			12.10
	5.87	18.0	
		17.97	

0		5.6	12.4	PX
N 50		5.5	12.5	
N 78		5.8	12.2	
N 84		6.7	11.3	
N 89		9.0	9.0	
N 103		11.6	6.4	

STA W155+00; 0+00 = N9.700

T.B.M.			Elev.
			12.10
	5.93	18.03	

N 63		12.7	5.3	PX
N 56		11.7	6.3	
N 46		8.5	9.5	
N 43		5.7	12.3	
N 21		5.5	12.5	
0		5.5	12.5	



ADDITIONAL CROSS SECTIONS
TIERRA DEL FUEGO ISLAND
PROFILE LEVELS

Sta.	+	H.I.	-	Elev.
B.M.				11.27
	5.72	16.99		
			4.31	12.68
			4.31	12.68
			4.86	12.13
			4.91	12.08
TP.			5.25	11.74
	4.37	16.11		
			4.19	11.92
			4.56	11.55
			4.22	11.89
TP.			3.97	12.14
	4.74	16.88		
			4.63	12.25
			4.20	12.68
			4.03	12.85
B.M.			1.85	15.03 15.02
	0.61	15.64		
			2.40	13.24
			2.60	13.04
			3.10	12.54
			5.38	10.26

8-29-52

Top West base Flag Pole @ W. End of yacht			
Pool - Copper Nails			
N.B. 400 ; W. 16,300	Top of 2x2" Hub.		
N.B. 400 ; W 16,200	" " " "		
N.B. 400 ; W 16,100	" " " "		
N.B. 400 ; W 16,000	" " " "		
N.B. 400 ; W 15,900			
N.B. 400 ; W 15,800	" " " "		
N.B. 400 ; W 15,700	" " " "		
N.B. 400 ; W 15,600	" " " "		
N.B. 400 ; W 15,500	" " " "		
N.B. 400 ; W 15,400	" " " "		
N.B. 400 ; W 15,300	" " " "		
N.B. 400 ; W 15,200	" " " "		
Base of East Flagpole Model Yacht			
Pool			
N. 8,000 ; W. 15,200	Top "2x2" Hub.		
N. 8,000 ; W. 15,250	" " "		
N. 8,000 ; W. 15,300	" " "		
N. 8,000 ; W. 15,350	" " "		

PROFILE LEVELS CONT'D.

8-29-52

Sta.	+	H.I.	-	Elev.
		15.64		
		6.63	9.01	
		6.61	9.03	
		6.82	8.82	
B.M.		1.62	14.02	14.03

N. 8,000 ; W. 15,400
 N. 8,000 ; W. 15,450
 N. 8,000 ; W. 15,500 S.W. Cor. →
 Top of Lead Plug in top of Water Vault
 Manhole South Side of Model Yacht Pool #
 Approx. 100' West of Club House Bldg. W. End.

TIERRA DEL FUEGO CROSS
SECTIONS CONTINUED.

⌘ STA. N 9,700; W. 15,500

Azim = 0°00' North

Sta.	+	H.I.	-	Elev.
T.B.M.				12.10

Sta.	Dist	Azim	Rod	Elev.
	5.80	17.90		
1	161	223°05'	5.9	12.0
2	121	233°40'	5.9	12.0
3	92	232°50'	5.9	12.0
4	100	240°20'	5.9	12.0
5	71	256°40'	5.9	12.0
6	40	301°20'	5.9	12.0
7	47	4°50'	5.9	12.0
8	84	36°40'	5.9	12.0
9	110	44°10'	5.9	12.0
10	110	58°30'	5.9	12.0
11	128	51°30'	5.9	12.0
12	161	55°10'	5.9	12.0
13	195	59°30'	5.9	12.0
14	222	61°55'	5.9	12.0
15	231	64°00'	5.9	12.0
16	208	55°45'	9.9	8.0
17	163	51°10'	9.9	8.0
18	130	44°55'	9.9	8.0
19	118	46°35'	9.9	8.0

Hook
back on
wash

9-2-52

T. Stamper
A. Sherry
R. Shorey

N. 97+00 West Curb: Baseline

NOTE: 12° Contour is along top of
Slope & defines top of slope
so that higher contours can be
interpolated @ uniform intervals
8° Contour is a very abrupt
break from top of slope.
Lower contours are a flatter
slope

Wash &

at West Wing wall of North Bridge

TIERRA CROSS SECS. CONTD

9-2-52

H.I. = 17.90

Sta DIST AZIM Rod Elev

⌈ @ N. 9.700; W. 15.500

20 112 40°35' 9.9 8.0

21 70 21°20' 9.9 8.0

22 43 343°33' 9.9 8.0

23 46 294°30' 9.9 8.0

24 75 259°15' 9.9 8.0

25 103 245°20' 9.9 8.0

26 108 236°10' 9.9 8.0 Wash

27 121 236°00' 9.9 8.0

28 158 226°20' 9.9 8.0

29 194 217°55' 9.9 8.0

30 172 218°30' 5.9 12.0 ? 0.8

TIERRA CROSS SEC'S. CONTD.

2-2-52

Sta + H.I. - Elev.
T.B.M. 10.98

8.15 19.13

T.B.M. 6.22 12.91

A @ N. 7,600 ; W 15,200 Zero Az. = North

5.32 18.23

Sta Dist. Azim Rod Elev.

1	158	309°20'	6.23	12.0
2	136	298°50'	6.2	12.0
3	141	288°50'	6.2	12.0
4	114	274°50'	6.2	12.0
5	108	252°30'	6.2	12.0
6	92	229°20'	6.2	12.0
7	92	196°30'	6.2	12.0
8	89	170°00'	6.2	12.0
9	95	151°15'	6.2	12.0
10	103	129°10'	6.2	12.0
11	148	113°10'	6.2	12.0
12	192	102°20'	6.2	12.0
13	230	98°20'	6.2	12.0
14	272	95°10'	6.2	12.0
15	301	93°50'	6.2	12.0
16	160	287°50'	11.2	7.0
17	135	273°40'	11.2	7.0
18	116	254°45'	11.2	7.0

Sta. N. 78+00 W. Curb Baseline Midway Dr.

N. 7,600, W 15,200 Top of 2"x2" Hub.

TIERRA CROSS SEC'S CONTD.

9-2-52

H.I. = 1823 Δ Sta. Same as 1922

Sta.	Dist	Azim	Rod	Elev.
19	105	233°20'	11.23	7.0
20	102	206°15'	11.2	7.0
21	110	179°05'	11.2	7.0
22	124	156°45'	11.2	7.0
23	152	129°00'	11.2	7.0
24	185	113°55'	11.2	7.0
25	223	105°15'	11.2	7.0
26	273	99°25'	11.2	7.0
27	310	95°05'	11.2	7.0
28	293	92°30'	5.8	12.4
29	270	85°10'	6.0	12.3
30	283	72°10'	6.4	11.8
31	230	70°00'	5.7	12.5
32	217	80°25'	5.4	12.8
33	215	92°45'	5.2	13.0
34	163	102°10'	5.2	13.0
35	150	93°00'	4.9	13.3
36	142	71°35'	5.1	13.1
37	95	68°00'	5.3	12.9
38'	82	93°30'	5.3	12.9
39	95		5.5	12.7

TIERRA CROSS SEC'S CONTD.

9-2-52

STA W. 153+00; 0+00 = N. B. 000

Sta. + H.I. - Elev.

T.B.M. 15.02

2.83 17.85

N 52 6.4 11.4

0 5.3 12.5

S 35 4.4 13.4

S 62 4.3 13.5

STA W 153+50; 0+00 = N 8.000

N 23 10.6 7.2

0 7.6 10.2

S 25 5.5 12.3

S 50 4.6 13.2

S 62 4.3 13.5

STA W 154+00; 0+00 = N 8.000

S 63 4.42 13.43

S 50 4.6 13.2

S 25 6.0 11.8

0 8.9 8.9

N 17 11.4 6.4

Base of East Flag Model Yacht Pool

N. Edge Top of Floor @ Model Yacht Bldg.

Water level in Yacht Pool

TIERRA CROSS SEC'S CONTP

STA W 154+50; 0+00 = N. 8,000

Sta	+	H.I.	-	Elev.
		17.85		
N. 14			11.4	6.4
0			8.9	8.9
S 25			6.1	11.7
S 50			4.7	13.1
S 65			4.3	13.5

STA W 155+00; 0+00 = N. 8,000

S 65			4.4	13.4
S 50			4.9	12.9
S 25			6.9	10.9
0			9.1	8.7
N 14			11.4	6.4

STA W 153+00; 0+00 = N. 8,400

TBM.	3.02	18.04		15.02
S 188			6.1	11.9
S 143			5.8	12.2
S 100			5.4	12.6
S 80			4.9	13.1
S 56			5.6	12.4
S 33			5.6	12.4
S 21			5.6	12.4
0			5.4	12.6

Top Water Level @ Motel Yacht Pool

See pg 31

TIERRA CROSS SEC'S CONT'D

STA W 154+00; 0+00 = NB 400

9-2-52

Sta + H.I - Elev.

18.04

0	5.9	12.1
5 25	6.0	12.0
5 50	5.8	12.2
5 78	6.6	11.4
5 100	6.7	11.3
5 139	6.9	11.1
5 146	8.3	9.7
5 175	11.6	6.4

STA W 153+00; 0+00 = NB, 400

0	6.0	12.0
5 31	6.4	11.6
5 50	6.1	11.9
5 75	6.6	11.4
5 100	6.8	11.2
5 133	7.1	10.9
5 136	6.7	11.3
5 150	8.2	9.8
5 170	10.1	7.9
5 179	11.6	6.4

TIERRA CROSS SECS CONT'D.

9-2-52

STA W 156+00; 0+00 = N 8,400

Sta	+	14.1	-	Elev
		18.04		

0		6.3	11.7
S 30		6.3	11.7
S 50		6.3	11.7
S 75		6.6	11.4
S 100		6.5	11.5
S 125		6.9	11.1
S 136		7.6	10.4
S 140		7.3	10.7
S 150		8.5	9.5
S 178		11.7	6.3

STA W 157+00; 0+00 = N 8,400

0		6.6	11.4
S 27		6.6	11.4
S 50		6.5	11.5
S 75		6.6	11.4
S 100		6.8	11.2
S 137		7.5	10.5
S 150		8.7	9.3
S 166		9.7	8.3
S 181		11.7	6.3

TIERRA CROSS-SECS CONTD.

9-3-52

T. Stampler

STA W. 158+00; 0+00 = N. 8,400

A Sherry

Sta	+	H.I.	-	Elev.
T.B.M.				11.55

R. Shorey

N. 8,400; W. 15,700 Top of "2x2" Hub.

5.47 17.02

0		5.2	11.8
5 48		5.6	11.4
5 72		5.6	11.4
5 110		5.7	11.3
5 141		6.6	10.4
5 142		6.2	10.8
5 147		7.0	10.0
5 181		10.3	6.7

STA W. 159+00; 0+00 = N. 8,400

17.02

0		5.4	11.6
5 8		5.1	11.9
5 36		5.2	11.8
5 47		5.4	11.6
5 62		5.1	11.9
5 85		5.5	11.5
5 116		5.3	11.7
5 142		6.4	10.6
5 151		7.6	9.4
5 184		10.3	6.7

TIERRA CROSS SECS CONTD

9-3-52

STA. W160+00; 0+00 = N 8400

Sta	+	H.I.	-	Elev.
		17.02		

0			5.1	11.9
5 40			4.8	12.2
5 51			5.1	11.9
5 69			4.7	12.3
5 89			4.8	12.2
5 122			5.3	11.7
5 151			6.2	10.8
5 152			6.0	11.0
5 156			6.9	10.1
5 191			10.3	6.7

STA W161+00; 0+00 = N 8,400

17.02

0			5.0	12.0
5 8			4.5	12.5
5 47			4.8	12.2
5 69			4.4	12.6
5 85			4.6	12.4
5 120			4.8	12.2
5 152			6.2	10.8
5 155			6.0	11.0
5 159			6.8	10.2
5 193			10.4	6.6

TIERRA CROSS SEC'S CONT'D.

9-3-52

STA. W. 162+00; 0+00 = N 8,400

Sta.	+	H.I.	-	Elev.
		17.02		

0			4.4	12.6
5 49			4.8	12.2
5 72			4.3	12.7
5 101			5.0	12.0
5 140			5.3	11.7
5 160			5.5	11.5
5 179			6.7	10.3

STA W. 163+00; 0+00 = N 8,400

17.02

0			4.4	12.6
5 53			4.6	12.4
5 71			4.6	12.4
5 90			5.0	12.0
5 108			4.7	12.3
5 137			4.8	12.2
5 155.			5.1	11.9
5 195			5.2	11.8
5 256			5.5	11.5
5 303			5.6	11.4
5 350			5.5	11.5
5 400			5.2	11.8

TIERRA CROSS SEC'S CONT'D

Re Check on Sta. W151+00; 0+100 = N7250

Sta	+	H.I.	-	Elev
B.M.				10.98
	7.22	18.20		
0			5.2	13.0
550			5.4	12.8
5102			5.1	13.1
5132			5.2	13.0
5167			5.4	12.8
5205			5.1	13.1
5250			5.2	13.0
5293			5.4	12.8
5323			7.0	11.2
5337			8.7	9.5
5346			11.0	7.2
5360			12.2	6.0

9-12-52

T. Stamper

A. Sherry

R. Shorey

N78+00; Top West Curb Causeway Baseline

NOTE VOID 1-5T. SECTION
Evidently one foot Bust in Elev.

TIERRA CROSS SEC'S CONTD

9-12-52

Re Check on WLY Elev's From
+12° To +6° Contours

π @ N. 7700; W16,500 Zero Azim = North
T.B.M. 14.29

4.57 18.86

T.B.M. 5.54 13.32

5.46 18.78

N7,600; W16,200 Top of "2X2" Hub
530 M.B.F.B. N° 69

N7,600; W16,500 Top of "2X2" Hub.

Sta.	Dist	Azim	Rod	Elev	
1	285	351°10'	12.78	6.0	
2	246	344°55'	12.8	6.0	
3	208	336°35'	12.8	6.0	
4	172	326°45'	12.8	}	
5	142	314°00'	12.8		
6	113	293°55'	12.8		
7	99	268°10'	12.8		
8	104	237°50'	12.8		
9	130	216°10'	12.8		
10	160	201°00'	12.8		
11	202	191°20'	12.8		
12	244	183°45'	12.8		
13	282	176°05'	12.8		6.0
14	281	173°25'	10.78		8.0
15	259	176°50'	10.8		8.0
16	242	178°50'	10.8	8.0	
17	210	185°10'	10.8	8.0	
18	172	193°00'	10.8	8.0	

9-12-52

TIERRA CROSS SEC'S CONTO

N @ 17,700; W 16,500 Cont'd

H.I. = 18.78

Sta	Dist	Azim	Rod	Elev
19	133	205°30'	10.78	8.0
20	103	223°45'	10.8	
21	90	256°20'	10.8	
22	102	293°45'	10.8	
23	139	319°25'	10.8	
24	185	336°40'	10.8	
25	230	345°30'	10.8	
26	270	351°55'	10.8	
27	314	357°20'	10.8	8.0
28	310	1°10'	8.78	10.0
29	285	357°10'	8.8	
30	250	354°35'	8.8	
31	206	350°10'	8.8	
32	192	353°30'	8.8	
33	194	349°00'	8.8	
34	161	344°30'	8.8	
35	140	332°50'	8.8	
36	121	319°20'	8.8	
37	96	299°25'	8.8	
38	82	268°45'	8.8	
39	89	241°20'	8.8	
40	106	218°05'	8.8	
41	148	197°55'	8.8	10.0

TIERRA CROSS SEC'S CONTD.
N @ N 7,700; W 16,500 Contd.

H.I. = 18.78

Sta	Dist	Azim	Rod	Eleu	
42	149 158	197°30'	8.78	10.0	
43	159	194°25'	8.8	}	
44	194	186°20'	8.8		
45	232	178°00'	8.8		
46	232	169°25'	8.8		
47	254	175°25'	8.8		
48	272	172°35'	8.8		
49	298	165°25'	8.8		
50	330	161°00'	8.8		10.0
51	320	157°00'	6.78		12.0
52	282	161°35'	6.8		}
53	243	167°25'	6.8		
54	223	167°10'	6.8		
55	226	171°10'	6.8		
56	186	180°40'	6.8		
57	150	186°55'	6.8		
58	139	183°00'	6.8		
59	139	190°15'	6.8		
60	98	207°45'	6.8		
61	69	241°30'	6.8		
62	59	290°10'	6.8		
63	88	335°00'	6.8		
64	130	352°55'	6.8	12.0	

9-12-52

(41)

TIERRA CROSS SECS CONT'D

A @ N 7, 700; W 16, 500 Cont'd.

5 H.I. = 18.78

Sta	Dist	Azim	Rod	Elev.
65	184	359°10'	6.78	12.0
66	249	4°20'	6.8	12.0
67	302	7°50'	6.8	12.0
68	348	10°30'	6.8	12.0
69	61	337°25'	5.78	13.0
70	52	306°30'	5.8	}
71	40	264°15'	5.8	
72	52	214°20'	5.8	
73	88	198°30'	5.8	
74	122	184°10'	5.8	
75	152	181°35'	5.8	
76	188	175°10'	5.8	
77	220	169°10'	5.8	
78	216	168°30'	5.8	
79	212	167°00'	5.8	
80	232	167°00'	5.8	
81	265	160°30'	5.8	
82	295	157°30'	5.8	
83	329	153°00'	5.8	

9-12-52

42

LOCATION OF BARBECUE PIT ON

TIERRA DEL FUEGO ISLAND

⤴ @ N 8,700; W 16,700 Zero Az. = North

B.M. 15.213

4.77 19.98

Sta.	Dist	Azim	Rod	Elev.
1.	16.1'	53°08'	4.77	15.21
2	19.4'	45°00'	4.78	15.20
3	75.6'	87°04'	4.56	15.42
4	76.5'	83°40'	4.56	15.42
5	11.2'	58°00'		
6	20.7'	31°00'		
7	78.5'	90°00'		
8	80.6'	81°35'		

9-12-52 T. Stampel

φ A. Sherry

φ R. Shorey

Top of Lead Plug in S.W. Cor of Top of
Conc. Barbecue Pit on Tierra Del Fuego Island

Outside face of conc. S.W. Cor.

" " " " N.W. Cor.

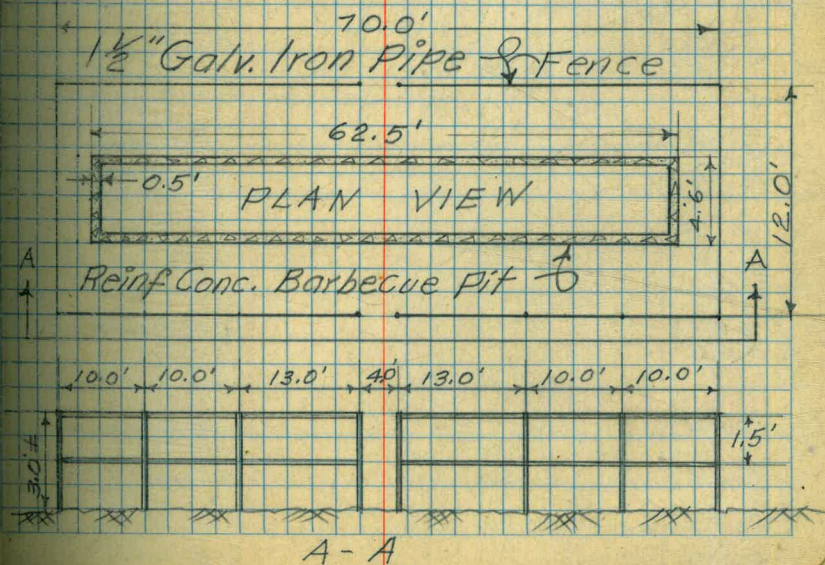
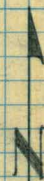
" " " " S.E. Cor.

" " " " N.E. Cor.

S.W. Cor. 1 1/2" Pipe Fence

N.W. " " " "

S.W. " " " "



A - A

PROFILE OF PROPOSED DRAINAGE
CONTROL LINE TIERRA WEST HALF

Sta	+	H.I.	-	Elev.
B.M.				10.835
0+00				12.55
0+00				
LT. 10'				12.90
+25				12.70
+25				
LT. 10'				11.80
+50				13.0
+50				
LT. 10'				12.3
+75				12.9
+75				
LT. 10'				12.2
1+00				13.0
1+00				
LT. 10'				12.6
+25				12.9
+25				
LT. 10'				12.1
+50				13.1
+50				
LT. 10'				12.5
+75				13.2
+75				
LT. 10'				12.9
2+00				12.9
2+00				
LT. 10'				12.8
+15				12.7
+19				12.7
+22				12.1
Rt. 2'				12.6
+25				12.7

see pg. 45

9-29-52

T. Stamper

NOTE: Levels are taken with
direct reading Rod
U.S.C. & G.S. Mon. "Causeway"
A 6" Disk in E. Curb of Approx 100' N. of
N. End of S. Causeway Bridge

NOTE: Ditch should begin @ 0+50

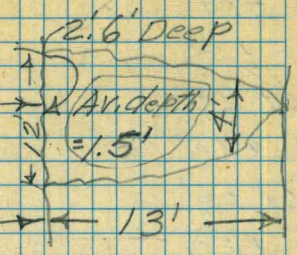
All you need to plot is points
10' left for profile

TIERRA PROFILE CONT'D.

9-29-52

Sta	+ H.I.	- Elev.
2+15		12.7
Lt. 10'		
2+20		10.0
Lt. 10'		
2+27		12.6
Lt. 10'		
+ 50		13.1
2+50		13.1
Lt. 10'		
+ 75		13.0
Lt. 10'		13.0
B.C. RT.		12.74
3+00 TP.		12.6
3+00		12.6
Lt. 10'		
+ 25		12.7
+ 50		12.5
+ 75		12.5
4+00'		12.4
+ 25		12.52
E.C.		12.44
4+57.08		12.5
+ 75		12.70
Lt. 5'		12.2
5+00		12.79
Lt. 10'		11.9
+ 25		12.78
Lt. 15'		12.0
+ 50		12.91
Lt. 20		11.9
B.C. Lt.		
5+77.08		
Lt. 20		

§ of Proposed Ditch

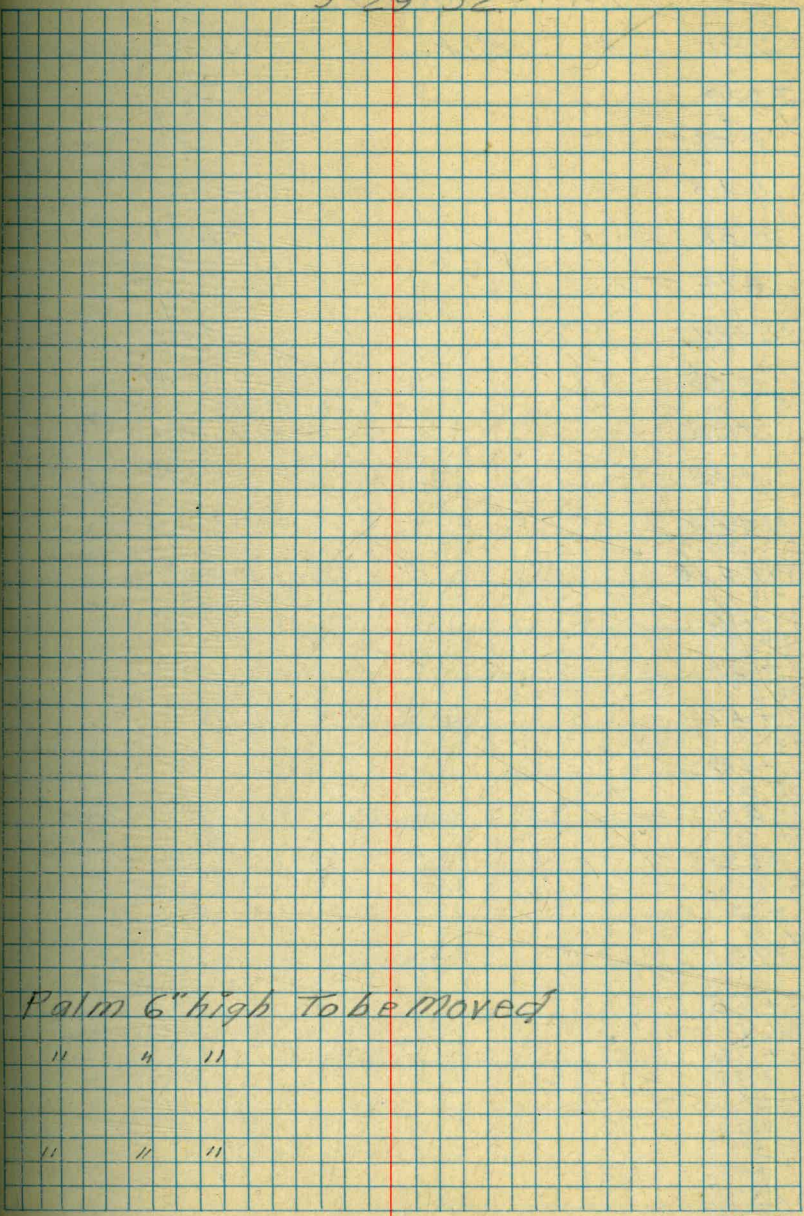


NOTE: § Profile Shots are taken on top of "2x2" hubs that are set flush with top of Ground

TIERRA PROFILE CONT'D.

9-29-52

Sta	+	H.L.	-	Elev.
6+00				12.97
Lt. 20'				12.3
+25				13.12
Lt. 20'				12.4
+50				12.68
Lt. 20				12.5
+75				12.85
Lt. 20'				12.4
7+00'				13.21
Lt. 20'				12.6
+25				13.34
Lt. 20				12.0
E.C.				13.3
7+34.16				13.67
+50 TP.				14.00
+75				13.91
8+00				13.98
+25				13.82
+50				13.87
+75				
+80				
Rt 3'				
+92				
Rt. 4'				
9+00				13.94
Rt 4'				
+25				13.95
+33				13.7



Palm 6" high To be moved
 " " "
 " " "

TIERRA PROFILE CONTD.

9-29-52

Sta.	+	H.I.	-	Elev.
9+34				12.8
+41				12.4
+43				12.9
+50				13.21
+75				13.25
10+00				13.59
+25				12.59
+50				12.91
+75				12.96
11+00				12.85
Lt. 80.				
11+24.16				13.25
TR +50				13.00
Rt. 3'				
11+31				
Lt. 5'				
11+47				
Rt. 4'				
11+52				
Lt. 9'				
11+59				
Rt. 3'				
11+62				
Rt. 6'				
11+70				
Lt. 8'				
11+70				
11+75				12.85
Rt. 1'				
+76				
+82				
Lt. 12'				
+86				
Lt. 3'				
+93				
Lt. 13'				
+97				
Lt. 6'				

6" High Palm				
" " " To be moved				
24" " "				
" " " To be Moved				
6" " "				
24" " "				
6" " " To be Moved				
6" " " " " "				
6" " " " " "				
24" " " " " "				
6" " " " " "				
6" " " " " "				

TIERRA PROFILE CONT'D.

9-29-52

Sta	+ H.I.	- Elev.
12+00		12.92
+08		
Lt. 9'		
+25		12.74
+50		12.40
+75		12.81
E.C.		
12+81.24		12.69
13+00		13.00
+25		12.85
+50		12.74
+75		12.49
14+00		12.60
B.C. Pt.		
14+11.24		12.53
+25		12.54
+50		12.53
+75		12.76
TP		
15+00		13.24'
+25		12.85
+50		12.63
E.C.		
15+68.32		12.88
+75		12.84
16+00		12.78
+20		12.1
+25		12.11
+26		12.4
+50		12.99

6' Palm to be Moved

of Proposed Ditch No Topsoil Needed

of Proposed Ditch No Topsoil

TIERRA PROFILE CONT'D.

9-29-52

Sta	H.I.	Elev.
16+75		12.70
17+00		12.47
BC. Pt. 17+11.32		12.51
+25		12.58
+50		12.55
+75		12.44
18+00		12.34
+12.5		12.2
+14		11.8
+15		12.2
+25		12.42
+50		12.73
+75		12.53
TP 19+00		12.59
+25		12.71
+50		13.22
+75		13.40
20+00		13.42
+25		13.14
+50		13.32
+75		13.18
+84		13.0
+85		12.4
+88		12.4
+89		13.0

TIERRA PROFILE CONT'D.

9-29-52

Sta.	+	H. I.	-	Elev.
20+95				13.0
21+00				11.74
	+03			12.4
	+09			12.9
	+25			12.99
	+50			13.22
	+75			13.35
22+00				13.14
	+25			13.11
	+50			13.08
	+54			
	Rt 3'			
	+70			
	Rt 3'			
	+75			12.78
	+81			
	Rt 1'			
23+00				12.80
	+22			
	online			
	TP			
	+25			12.53
	+45			
	Lt 2'			
	+50			12.53
	+75			12.65
	+95			
	Lt 2'			
24+00				12.17
	+15			
	Rt 3'			
	+25			11.68
	+50			11.40

of Proposed Ditch No topsoil

18" High Palm

" " "

" " "

" " "

24" High Palm

24" High Palm

24" High Palm

TIERRA PROFILE CONTINUED.

9-29-52

Sta.	H.I.	Elev.
2A+50		
Rt 7'		
+60		
Rt. 7'		
+75		11.18
+95		
Rt. 9'		
25+00		11.08
+19		
Rt 9'		
+25		11.04
+28		10.3
+31		11.2
+28		
Rt. 22'		12.4
+48		
Rt 6'		
+50		11.34
E.C.		
25+77.36		11.99
26+00		12.24
+25		12.14
+50		12.20
+75		12.47
27+00		12.27
B.C. Lt.		
27+152]		12.50
TP. +25		12.495
+25		
Lt. 7'		12.5
+50		12.25
+50		
Lt. 8'		12.5
+75		12.07
+75		
Lt. 7'		12.2

24" High Palm

" " "

24" " "

30" High Palm

Rt.

22'

W. Edge of Ditch

AV. Depth 1'

5

Top of Topsoil

24" High Palm

N/14.

NOTE Sta 27+00 is on W. Edge of Topsoil & ditch should be moved W. from this pt.

W. Edge Topsoil

" " "

" " "

TIERRA PROFILE CONTD.

Sta.	+	H.L.	-	Elev.
28+00				11.80
28+00				12.0
Lt. 7'				
+25				11.94
+25				12.0
Lt. 8'				
+50				12.28
+50				12.2
Lt. 10'				
+75				12.38
+75				12.3
Lt. 11'				
29+00				12.38
29+00				12.4
Lt. 11'				
+25				12.47
+25				12.4
Lt. 14'				
+50				12.47
+50				12.5
Lt. 11'				
+75				12.50
+75				12.5
Lt. 12'				
30+00				12.56
30+00				12.5
Lt. 13'				
+25				12.60
+25				12.7
Lt. 12'				
+50				12.76
+50				12.7
Lt. 10'				
+75				12.78
+75				12.8
Lt. 10'				

9-29-52

West Edge of Topsoil

"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"
"	"	"	"

(52)

TIERRA PROFILE CONTO.

9-29-52

Sta.	+	H.I.	-	Elev.
31+00				13.02
31+00				12.9
Lt. 11'				
+25				13.21
+25				13.1
Lt. 12'				
+50				13.47
+50				13.3
Lt. 12'				
TP. +75				13.54
+75				13.4
Lt. 13'				
32+00				13.54
32+00				13.5
Lt. 14'				
+25				13.55
+25				13.5
Lt. 14'				
+50				13.47
+50				13.4
Lt. 14'				
+75				13.49
+75				13.3
Lt. 13'				
33+00				13.53
33+00				13.4
Lt. 12'				
+25				13.41
+25				13.4
Lt. 11'				
+50				13.16
+50				13.1
Lt. 11'				
+75				13.08
+75				12.9
Lt. 9'				

West Edge of Topsoil

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

" " " "

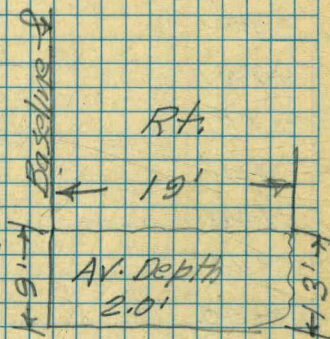
TIERRA PROFILE CONTD.

9-29-52

Sta.	+ H.I.	- Elev.
P.P.C.		
33+88.71		13.08
33+88.71		
Lt. 8'		12.9
B.M.		15.215
34+00		13.13
+25		13.10
+50		12.91
+75		12.81
35+00		12.53
+25		12.64
+43		12.58
+45		11.2
Rt. 20'		12.9
+48		10.8
+50		10.90
+51		10.9
+54		12.7
+75		12.80
36+00		12.85
TP. +25		12.73
+50		12.65
+75		12.66
37+00		12.83
+25		12.70
+50		12.62
+75		12.58

S.W. COR. TOP OF (2.4 T. in) Barbeque Pit

of Proposed Ditch



TIERRA PROFILE CONT'D.

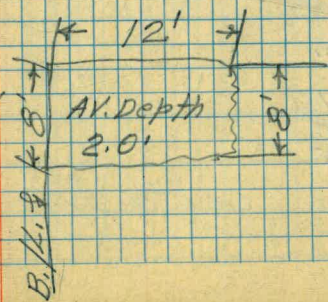
9-29-52

Sta	+ H.I.	- Elev.
38+00		12.12
+25		12.25
+29		12.2
+31		11.3
RT 12'		+31 12.3
+35		12.3
+50		12.29
+75		12.45
39+00		12.65
+25		12.91
+50		13.05
+75		13.11
40+00		13.10
+25		12.90
+50		12.59
B.M.		14.45
+75		12.60
TP		41+00 12.405
+17		12.2
+19		10.6
+21		10.4
+25		11.89
+27		12.2
+21		12.5
RT 12'		

4' OF Proposed ditch No Topsoil Needed

1.5' x 2.5'
 S.E. Cor. Top of CONC. Base of Race Course
 Timing Device on Wly Side of Tierra Island
 Approx. Sta 40+15' Lt. 10' of B/L.

4' OF Proposed Ditch



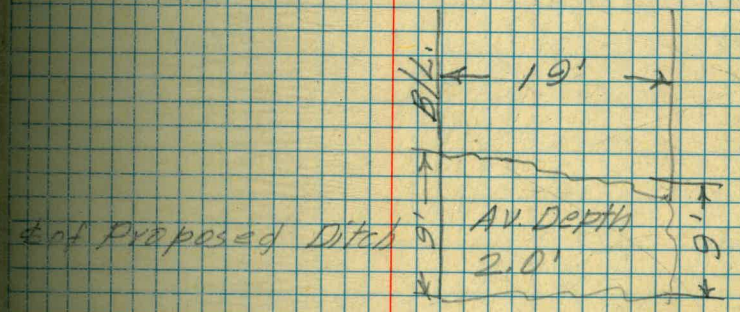
No Topsoil

TIERRA PROFILE CONTO.

9-29-52

Sta.	+ H.I.	- Elev.
41+50		12.49
+75		12.19
42+00		12.28
+25		12.32
+50		13.17
+75		13.10
43+00		13.19
+25		13.15
+50		12.84
+75		12.67
44+00		12.40
+25		12.44
+46		12.3
+47		10.2
+50		9.99
+52		9.8
+56		10.2
+57		11.1
+63		11.8
+52		
Rt. 19'		12.4
+75		12.31
TP.		
45+00		12.68

Cont'd. in F.B. No 83



10-2-52

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PROFILES OF PROPOSED SPILLWAY
CHUTES - TIERRA DEL FUEGO

Sta. 12+41⁴⁴0+00 chute = 12+41⁴⁴ ditch (East)

Sta	+ H.I	- Elev.	
BM		13.82	N. 7850 W. 15,200
0+00		12.40	2x2 tub
0+17		11.8	
0+26		10.4	
0+46		9.7	
0+63		7.9	
0+79		5.7	Tide 9:50 AM
1+07		1.3	

10-2-52

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SPILLWAY PROFILES Cont'd

Sta 18+06⁴⁴0+00 Chute ← 18+06⁴⁴ Ditch (South)BM 14.49 N. 7,600
W. 16,200

0+00 12.3

0+17 11.9

0+34 10.3

0+50 8.8

0+60 7.6

0+76 6.2

0+81 5.2 Tide
10:20 AM

1+21 1.2

10-2-52

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SPILLWAY PROFILES Cont'd

Sta 25+21⁴⁴0+00 chute = 25+21⁴⁴ Ditch (west)

Sta	+	H.I.	-	Elev
BM				N 7,850 W 16,400
0+00				10.5 in Wash
0+00				11.2 Ground Beside
0+20				10.2 Wash
0+35				9.4 "
0+47				8.6 "
0+53				7.3 "
0+71				4.9 Tide 10:45 AM
1+16				1.1

10-2-52

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SPILLWAY PROFILES cont'd

Sta 38+02³⁸0+00 chute = 38+02³⁸ ditch (West)

Sta	+	H.L.	-	Elev.	
B.M.				12.73	Sta 36+25
0+00				11.3	in Wash
0+00				12.2	Ground
0+14				11.3	Beside Wash
0+35				10.5	"
0+65				8.8	"
0+71				7.6	"
0+86				6.5	"
1+12				3.8	Tide 11:40
1+51				1.0	

Wash starts at 0+00 then runs
Parallel to Profile line

10-2-52

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SPILLWAY PROFILES Cont'd

Sta 44+22³⁸0+00 Chute = 44+22³⁸ Ditch

Sta	+	H.L.	-	Elev	2x2 at Sta. 45+00
B.M.				12.68	
0+00				10.35	
0+00					
Rt 15'				12.2	
0+08				10.2	
0+08					
Rt 15'				12.2	
0+30				8.9	
0+30					
Rt 15'				11.3	
0+50				7.9	
0+50					
Rt 15'				10.1	
0+67				7.0	
0+93				4.8	
1+27				2.2	

10-2-52

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SPILLWAY PROFILE Cont'd

Sta. 50+72³⁸0+00 Chute = 50+72³⁸ Ditch

Sta	+ H.L.	- Elev.
TBM		14.45
0+00		11.75
0+00, RT 15'		14.0
0+06		11.3
0+06, RT 5'		13.6
0+08		13.0
0+24		13.1
0+36		12.9
0+49		11.4
0+61		8.2
0+75		6.6
0+95		5.7
1+19		4.1
1+52		1.3

2x2.466
Sta. 49+75

10-2-52

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SPILLWAY PROFILES Cont'd

Sta 60+22³⁸0+00 Chute = 60+22³⁸ Ditch

Sta	+ H.I.	- Elev.	
T.B.M.		12.57	2x2 Hub ST 61+75
0+00		10.83	
0+00, R+5'		12.0	
0+08		10.5	
0+08, R+5'		11.9	
0+10		11.8	
0+26		11.1	
0+42		9.6	
0+58		5.3	
0+94		1.1	

10-2-52

SPILLWAY PROFILES Cont'd

Sta 63+82 ³⁸0+00 chute = 63+82 ³⁸ Ditch

Sta	+ H.I.	-	Elev.	
T.B.M			12.57	2x2 Hub Sta 61+75
0+00			11.04	2x2 Hub
0+00, RT 5'			12.0	
0+15			10.1	
0+15, RT 5'			11.6	
0+28			9.5	
0+50			6.9	
0+68			5.2	
0+87			3.3	
0+96			1.8	
0+98			0.9	

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10-2-52

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SPILLWAY PROFILES Cont'd

Sta 71+02³⁸0+00 chute = 71+02³⁸ Ditch

Sta	H.I.	Elev
T.B.M		12.55 <small>2x2 67+95.42</small>
0+00		11.23
0+00, R+5'		12.3
0+10		9.2
0+10, R+5'		12.0
0+16		8.0
0+16 R+5'		8.0
0+18		6.6
0+47		3.7
0+86		0.8

10-3-52

SPILLWAY PROFILES Cont'd

Sta 5+55

0+00 chute = 5+55 Ditch

Sta	+ H.1	- Elev.	
BM		14.55	N 7,850 K. 15,502
-0+10		12.8	
0+00		12.12	ON 2X2
0+11		11.7	
0+15		10.7	
0+18		10.4	
0+22		11.0	
0+27		10.5	
0+40		7.1	
0+61		4.0	
0+78		2.1	

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10-6-52

SPILLWAY PROFILES

Cont'd

Sta. 1+30

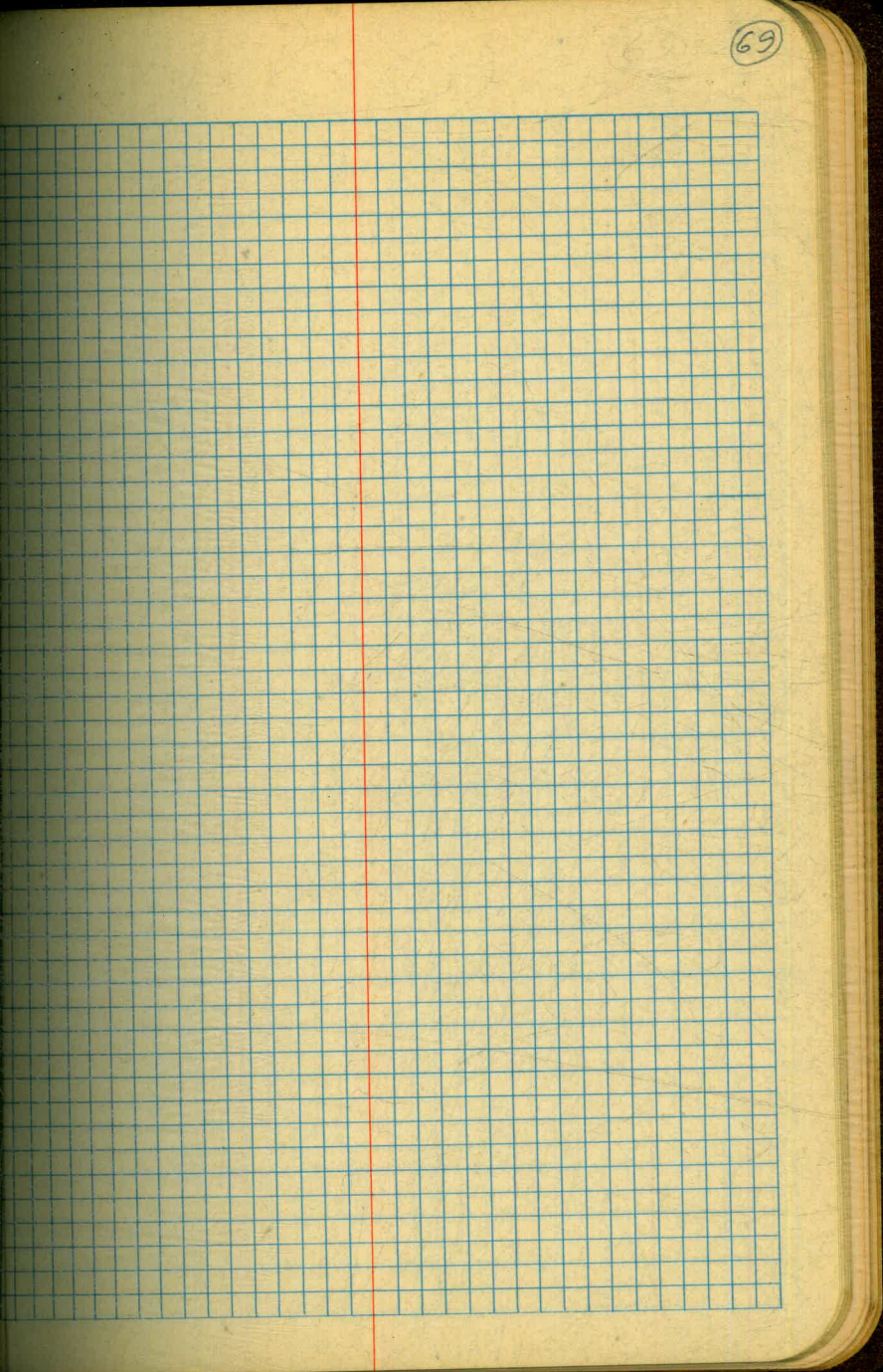
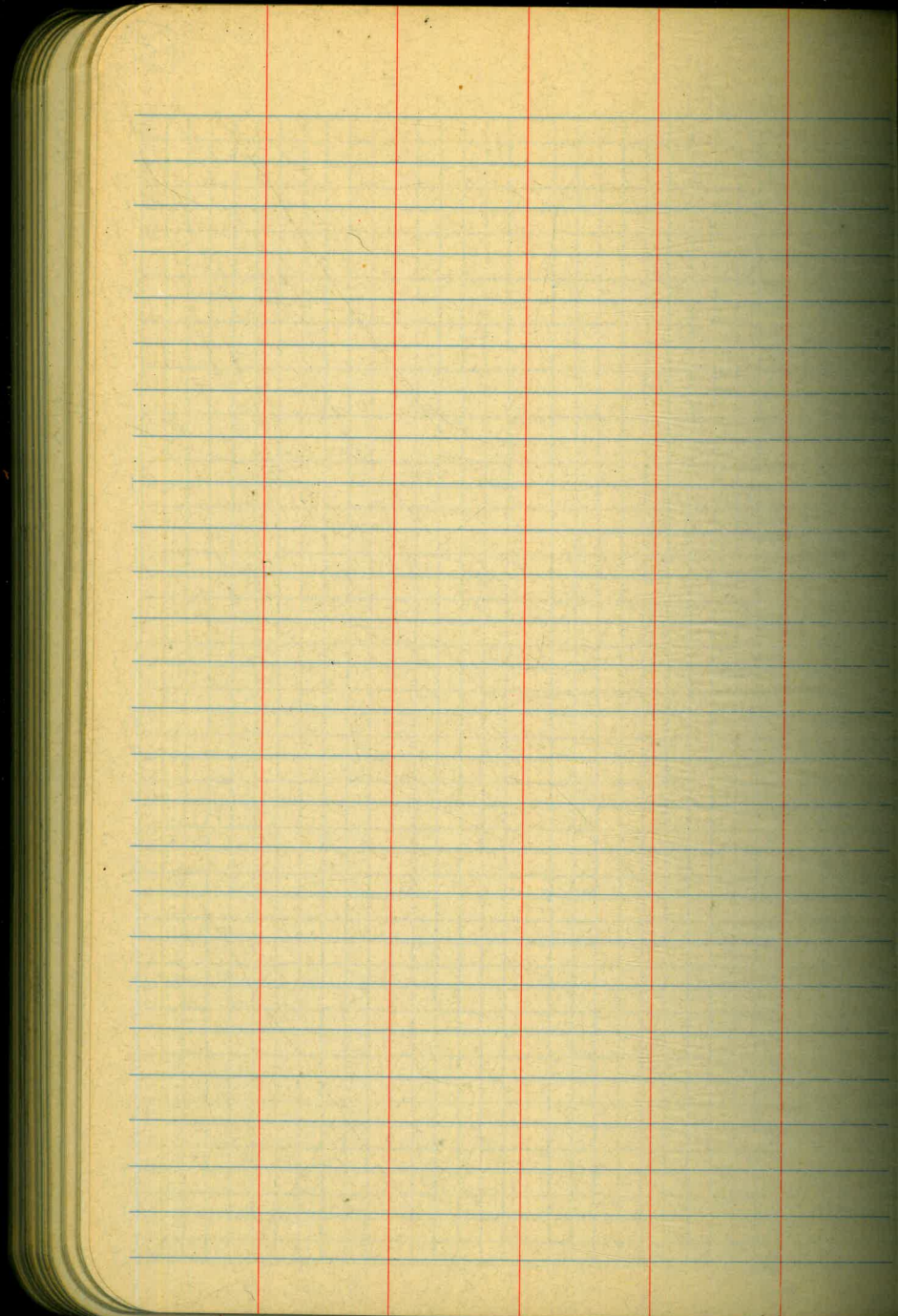
0+00 chute = 1+30 Ditch

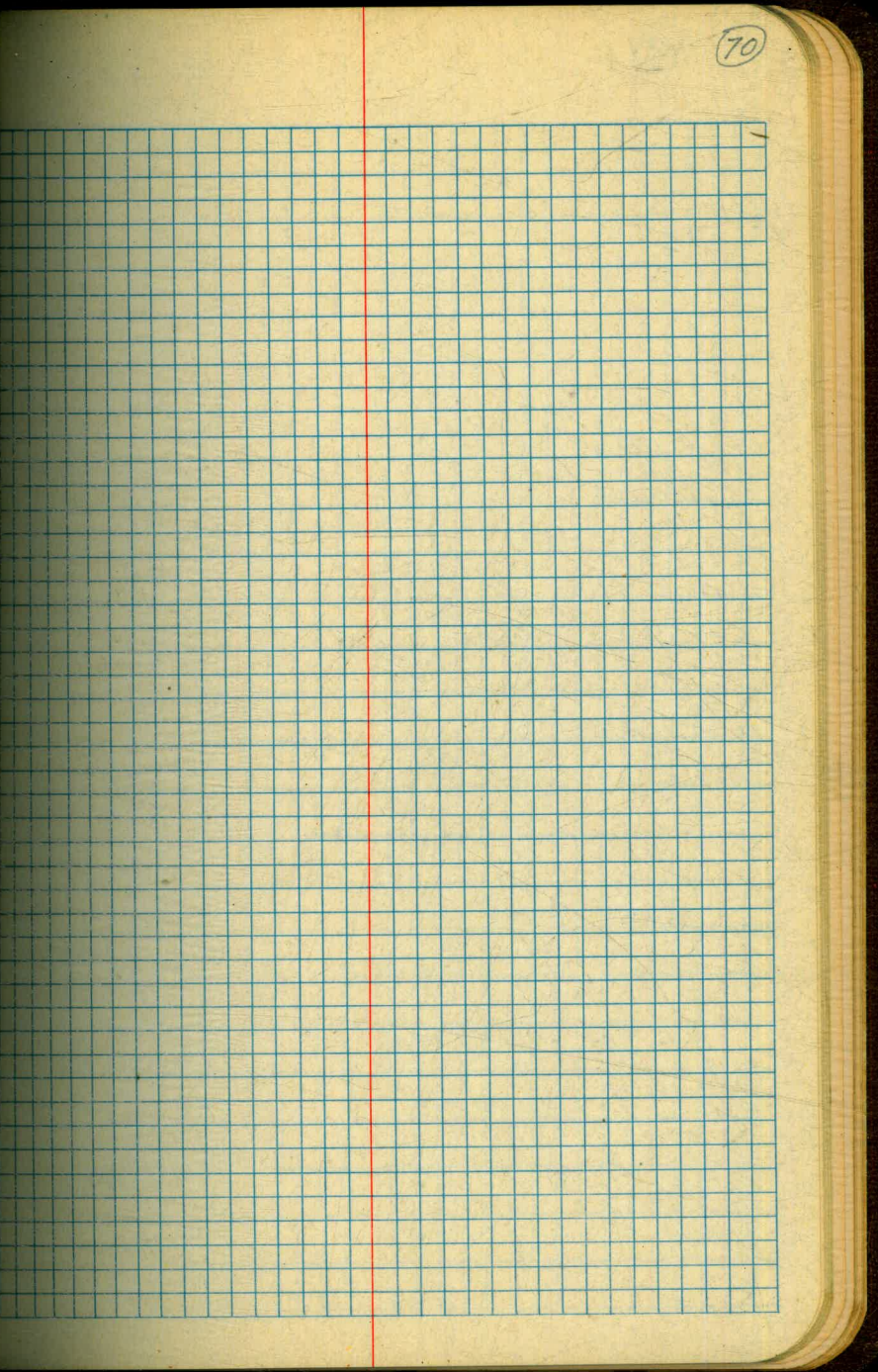
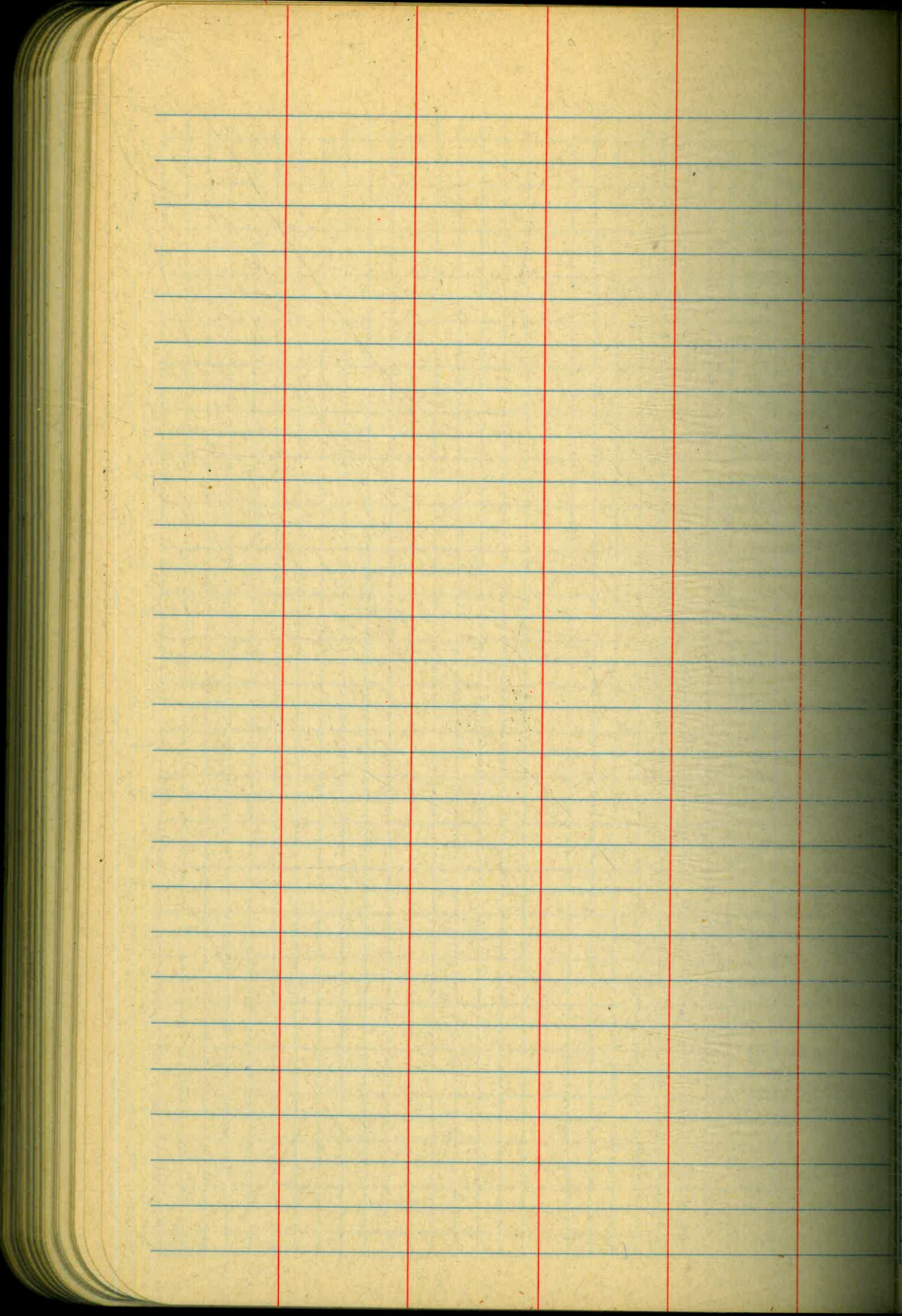
Sta	+	H.I.	-	Elev.	Causeway
B.M.				10.835	
0+00				12.3	
0+10				11.6	
0+27				8.9	
0+29				7.8	
0+38				5.7	
0+51				3.7	

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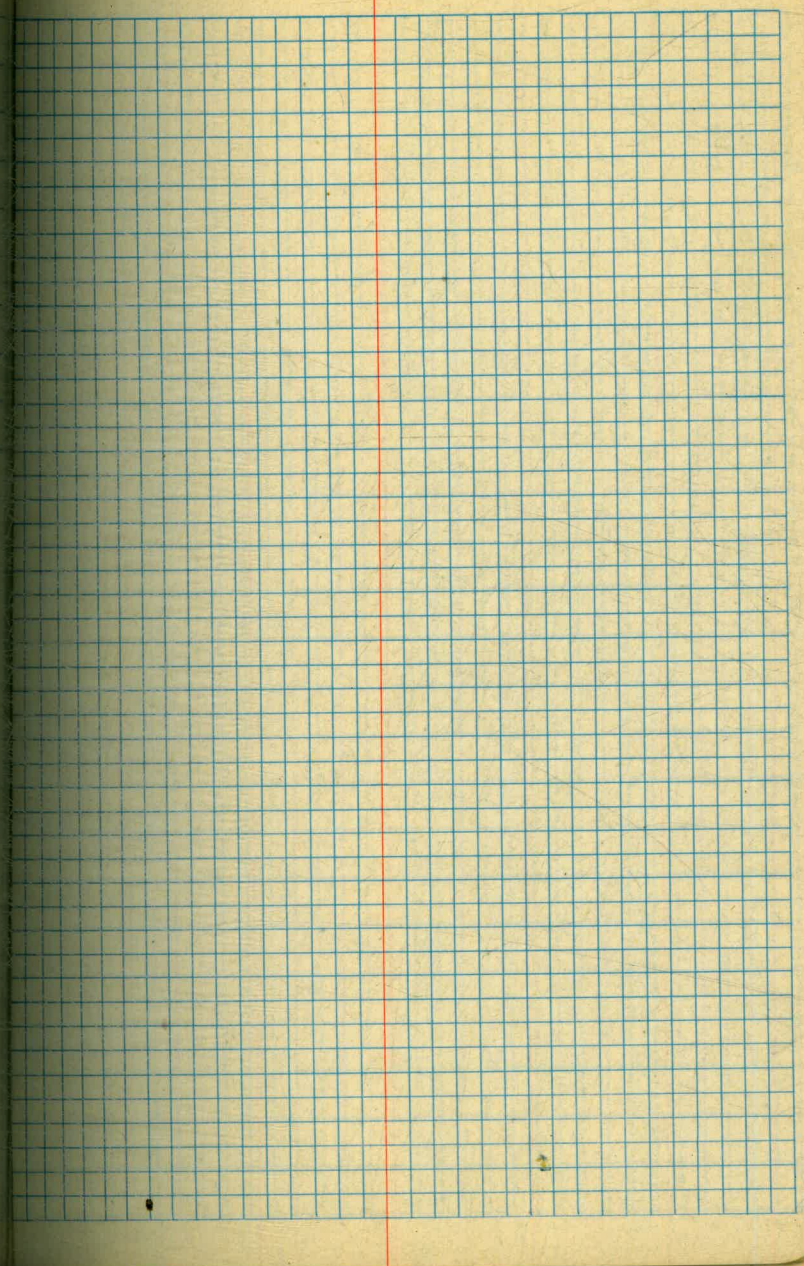
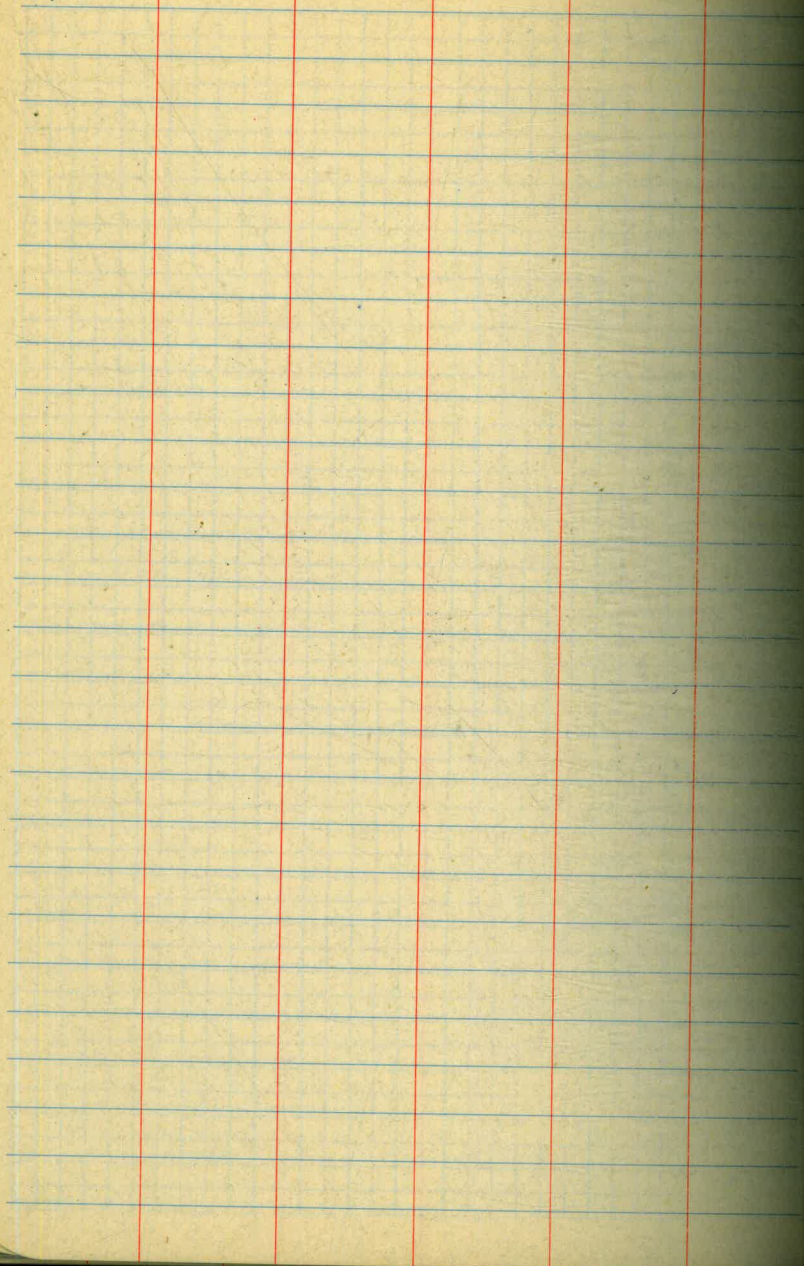
Blank lined page with horizontal blue lines and three vertical red margin lines.

Blank grid page with a blue grid pattern and one vertical red margin line.





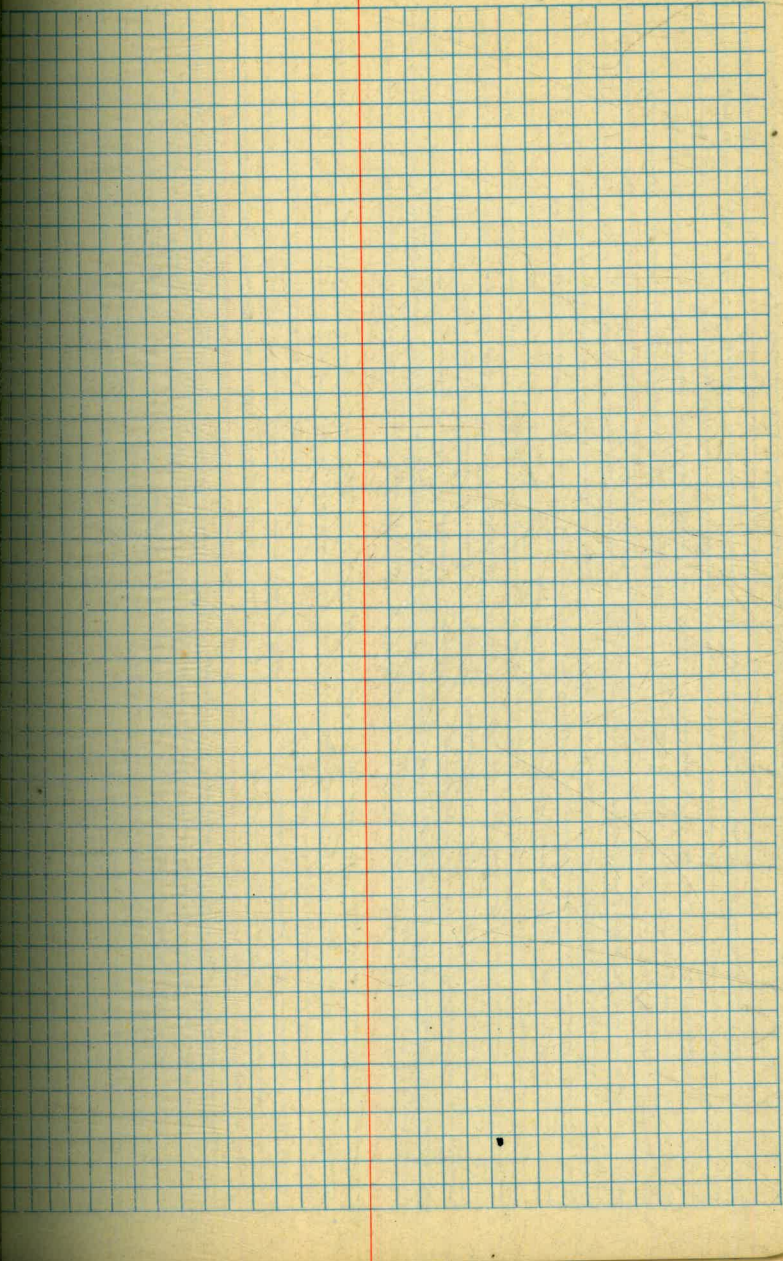
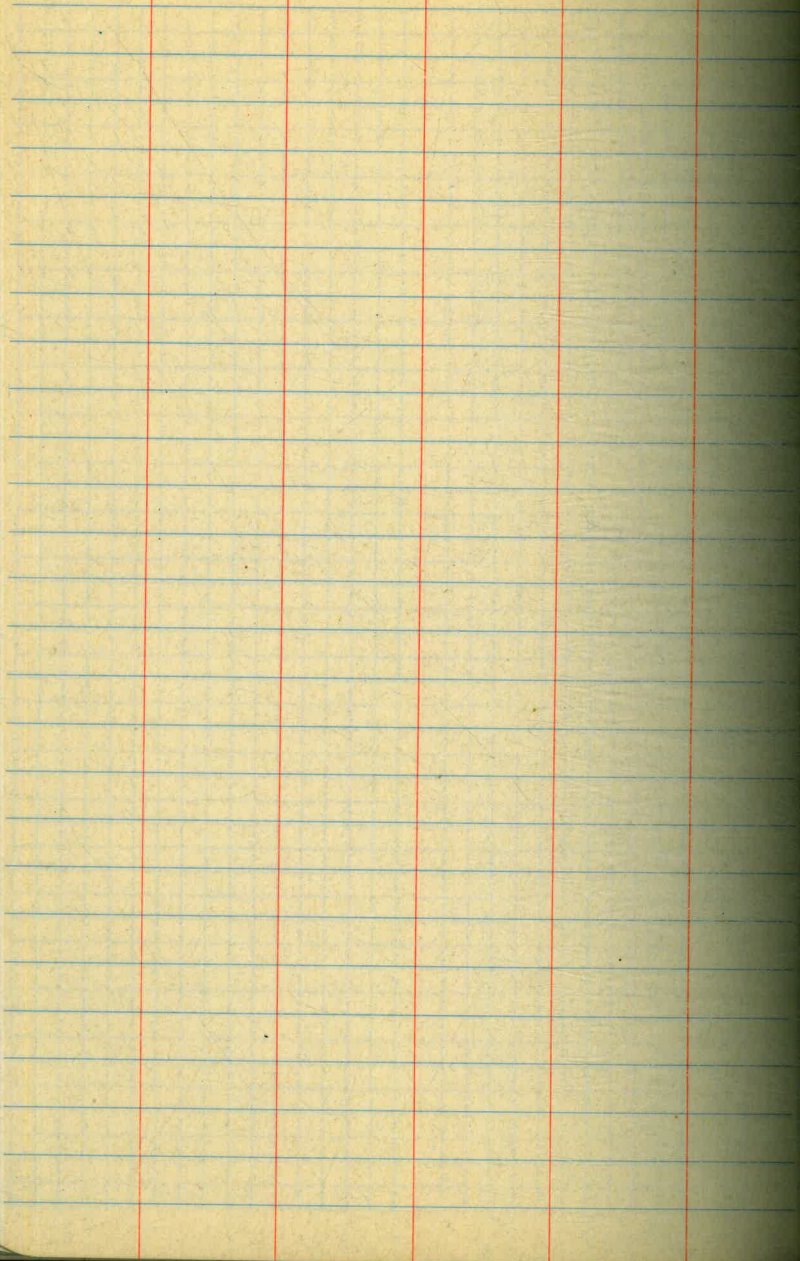
71



Blank lined page with horizontal blue lines and vertical red margin lines.

Blank grid page with a blue grid pattern and a vertical red margin line.

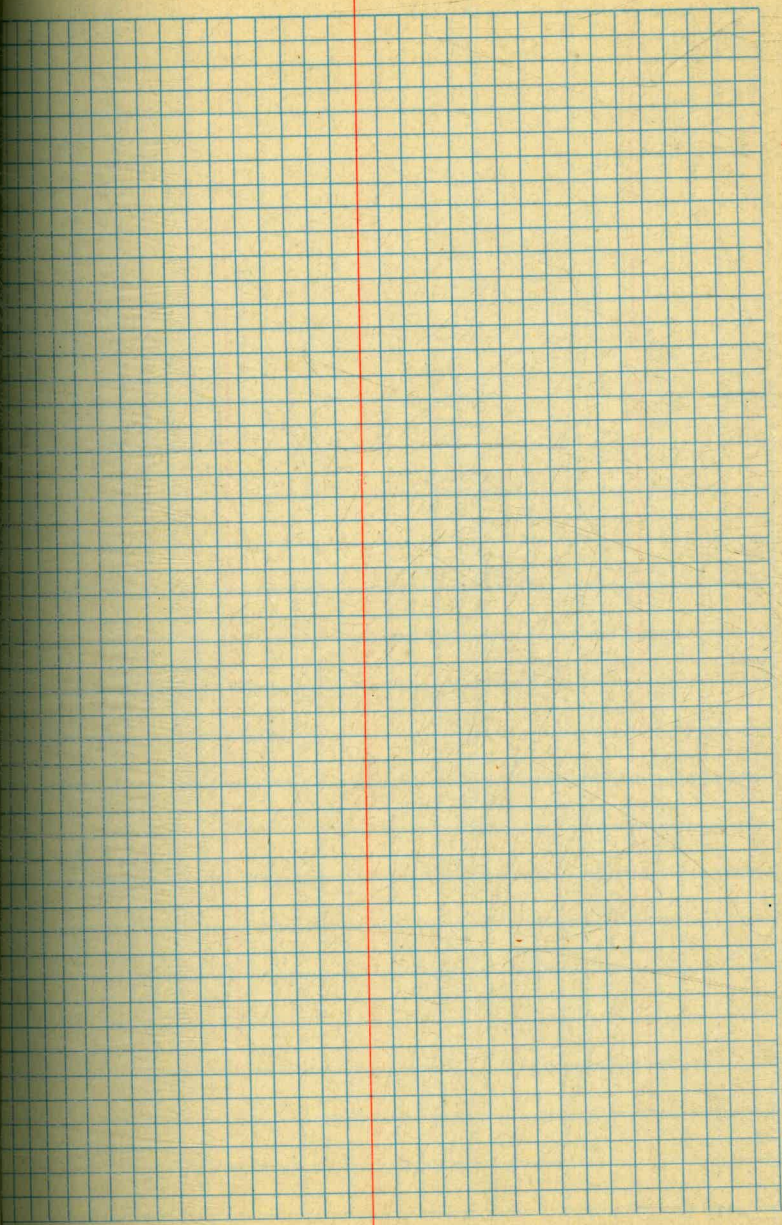
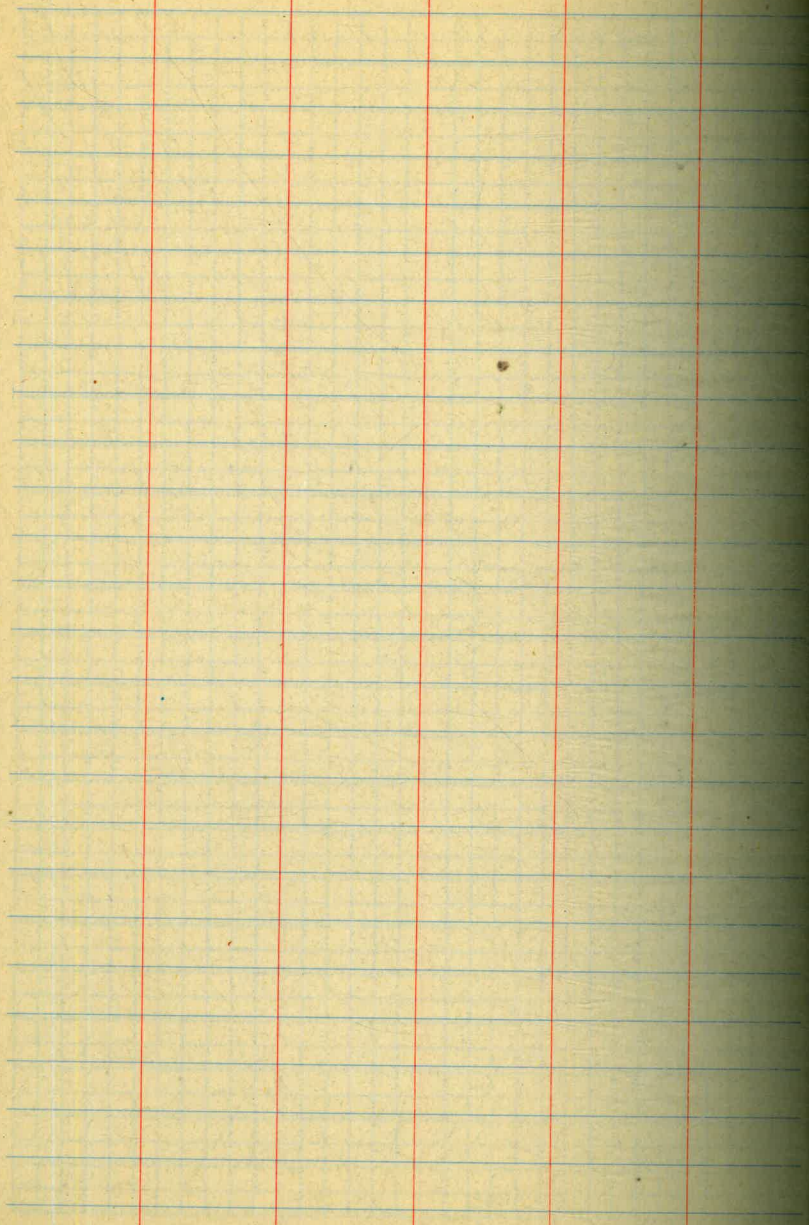
173



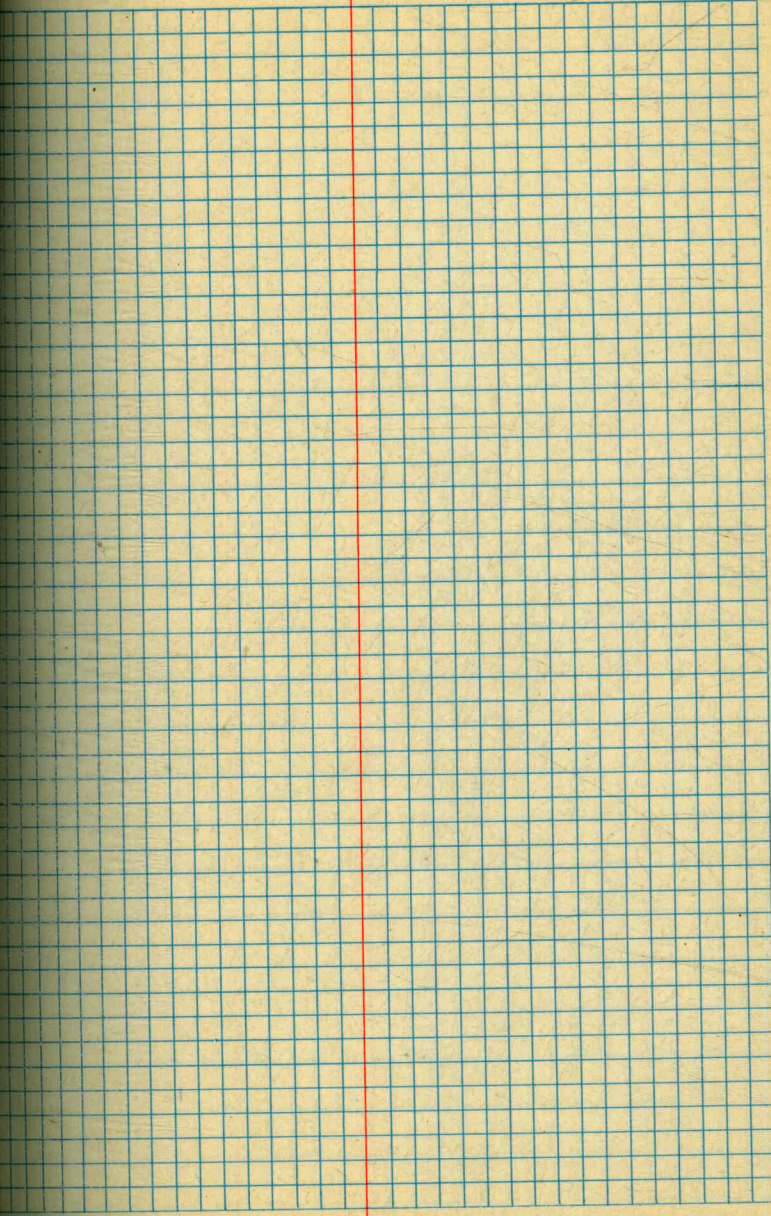
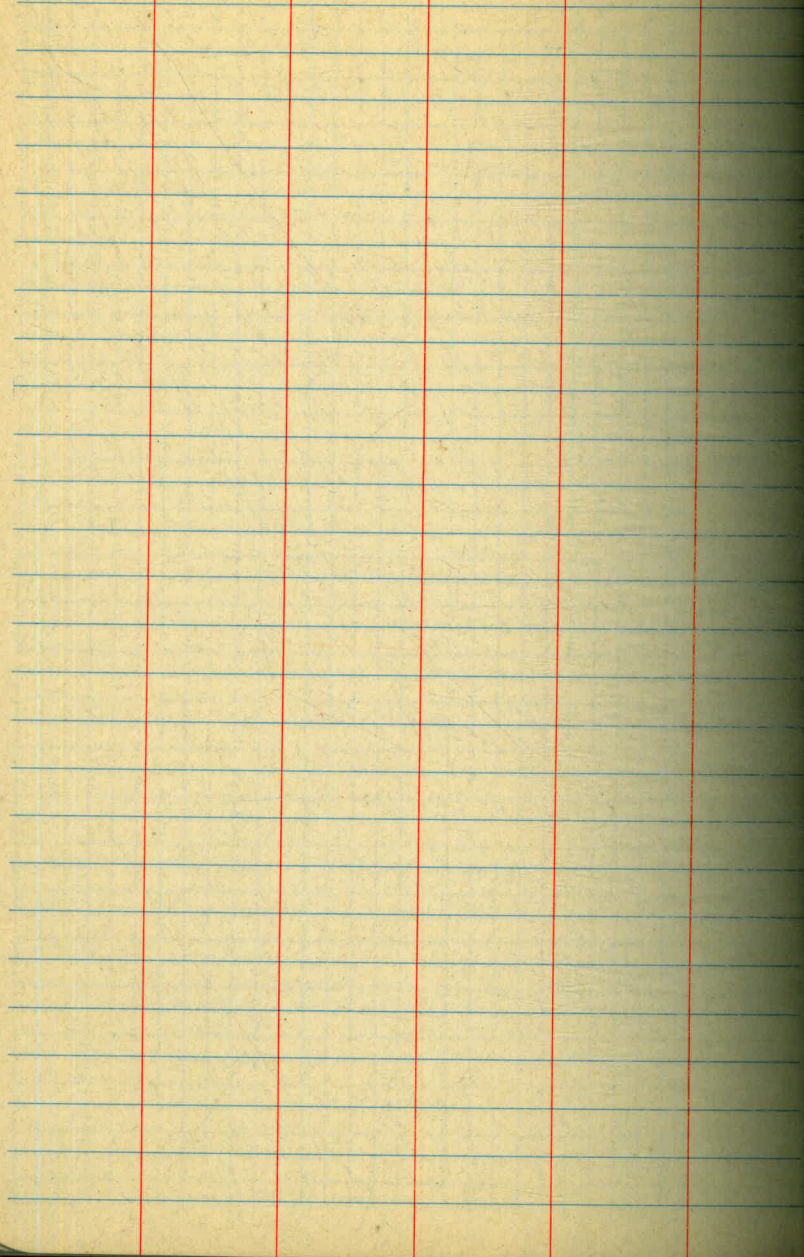
Blank lined page with horizontal blue lines and three vertical red margin lines.

Blank grid page with a blue grid pattern and one vertical red margin line.

(175)



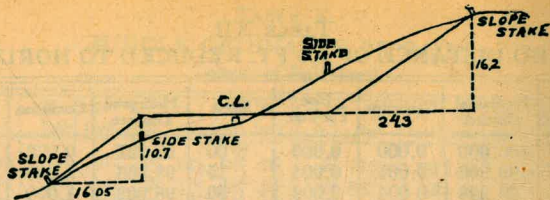
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IMPROVED TABLE

The right page of the notebook features a grid table for data recording. The grid is composed of 20 columns and 20 rows of small squares, defined by blue lines. A vertical red margin line is positioned to the left of the grid, and a horizontal red margin line is positioned above the grid. The grid is currently empty.



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE $1\frac{1}{4}$ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

12.0
10.0
8.0
6.0
N 75 - 79

check,
W 151+00 N 78 50

N 78 50 ; W 16, 200 El. 12.00
N 76 00 ; W 16, 200 El. 14.49

Locate Barb. Q. Pit.
L. & T. El. 15.213

N 78+00 W causeway B.L.
E. 10.98

MILES FROM THE STATION TO CROSS SECTION NO.

SECTION NO. 1. LENGTH OF RAIL 10.000

Station	1	2	3	4	5	6	7	8	9	10
1.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
1.1	1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
1.2	1.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.0
1.3	1.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.0
1.4	1.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.0
1.5	1.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.0
1.6	1.6	2.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.0
1.7	1.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.0
1.8	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.0
1.9	1.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.0
2.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.0
2.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0	10.0
2.2	2.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.0	10.0
2.3	2.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.0	10.0
2.4	2.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.0	10.0
2.5	2.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.0	10.0
2.6	2.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.0	10.0
2.7	2.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.0	10.0
2.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.0	10.0
2.9	2.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.0	10.0
3.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.0	10.0
3.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0	10.0	10.0
3.2	3.2	4.2	5.2	6.2	7.2	8.2	9.2	10.0	10.0	10.0
3.3	3.3	4.3	5.3	6.3	7.3	8.3	9.3	10.0	10.0	10.0
3.4	3.4	4.4	5.4	6.4	7.4	8.4	9.4	10.0	10.0	10.0
3.5	3.5	4.5	5.5	6.5	7.5	8.5	9.5	10.0	10.0	10.0
3.6	3.6	4.6	5.6	6.6	7.6	8.6	9.6	10.0	10.0	10.0
3.7	3.7	4.7	5.7	6.7	7.7	8.7	9.7	10.0	10.0	10.0
3.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.0	10.0	10.0
3.9	3.9	4.9	5.9	6.9	7.9	8.9	9.9	10.0	10.0	10.0
4.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	10.0	10.0	10.0
4.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0	10.0	10.0	10.0
4.2	4.2	5.2	6.2	7.2	8.2	9.2	10.0	10.0	10.0	10.0
4.3	4.3	5.3	6.3	7.3	8.3	9.3	10.0	10.0	10.0	10.0
4.4	4.4	5.4	6.4	7.4	8.4	9.4	10.0	10.0	10.0	10.0
4.5	4.5	5.5	6.5	7.5	8.5	9.5	10.0	10.0	10.0	10.0
4.6	4.6	5.6	6.6	7.6	8.6	9.6	10.0	10.0	10.0	10.0
4.7	4.7	5.7	6.7	7.7	8.7	9.7	10.0	10.0	10.0	10.0
4.8	4.8	5.8	6.8	7.8	8.8	9.8	10.0	10.0	10.0	10.0
4.9	4.9	5.9	6.9	7.9	8.9	9.9	10.0	10.0	10.0	10.0
5.0	5.0	6.0	7.0	8.0	9.0	10.0	10.0	10.0	10.0	10.0
5.1	5.1	6.1	7.1	8.1	9.1	10.0	10.0	10.0	10.0	10.0
5.2	5.2	6.2	7.2	8.2	9.2	10.0	10.0	10.0	10.0	10.0
5.3	5.3	6.3	7.3	8.3	9.3	10.0	10.0	10.0	10.0	10.0
5.4	5.4	6.4	7.4	8.4	9.4	10.0	10.0	10.0	10.0	10.0
5.5	5.5	6.5	7.5	8.5	9.5	10.0	10.0	10.0	10.0	10.0
5.6	5.6	6.6	7.6	8.6	9.6	10.0	10.0	10.0	10.0	10.0
5.7	5.7	6.7	7.7	8.7	9.7	10.0	10.0	10.0	10.0	10.0
5.8	5.8	6.8	7.8	8.8	9.8	10.0	10.0	10.0	10.0	10.0
5.9	5.9	6.9	7.9	8.9	9.9	10.0	10.0	10.0	10.0	10.0
6.0	6.0	7.0	8.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0
6.1	6.1	7.1	8.1	9.1	10.0	10.0	10.0	10.0	10.0	10.0
6.2	6.2	7.2	8.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0
6.3	6.3	7.3	8.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0
6.4	6.4	7.4	8.4	9.4	10.0	10.0	10.0	10.0	10.0	10.0
6.5	6.5	7.5	8.5	9.5	10.0	10.0	10.0	10.0	10.0	10.0
6.6	6.6	7.6	8.6	9.6	10.0	10.0	10.0	10.0	10.0	10.0
6.7	6.7	7.7	8.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0
6.8	6.8	7.8	8.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0
6.9	6.9	7.9	8.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0
7.0	7.0	8.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.1	7.1	8.1	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.2	7.2	8.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.3	7.3	8.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.4	7.4	8.4	9.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.5	7.5	8.5	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.6	7.6	8.6	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.7	7.7	8.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.8	7.8	8.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0
7.9	7.9	8.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.0	8.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.1	8.1	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.2	8.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.3	8.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.4	8.4	9.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.5	8.5	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.6	8.6	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.7	8.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.8	8.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
8.9	8.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.1	9.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.3	9.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.4	9.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.5	9.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.6	9.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.8	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

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