1451

LEVEL BOOK

373 A

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

Tables for Excavations and Embankments.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

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

Calculated by Julien A. Hall, M. Am. Soc. C. E.

Capt. Leland
Marine Rifle Range

Completely.

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

Survey Lease PL 1311 79-80
Miramar Rd
101 Highway Junction

Cross Section Sassafras
Ibis From South to Horton

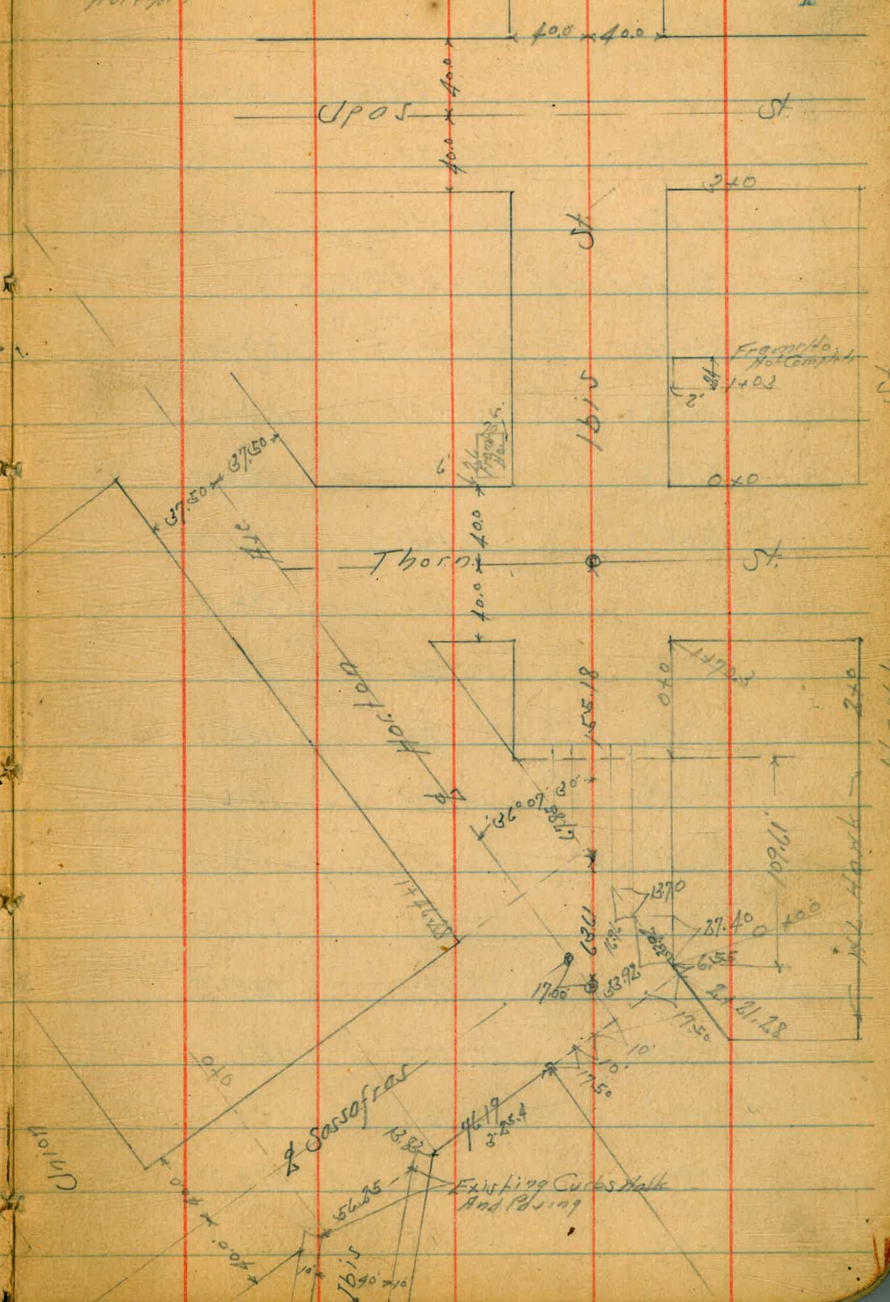
80' Wide
20' Cbs
10' Gts

BM	12.95	98.95		86.00	S.E.B.P. Spruce [illegible]
TP	11.515	110.37	0.095	98.855	
TP	11.23	120.13	1.47	108.90	
BM			0.39	119.74	S.W.C.T. Sassafras Ibis
TP	12.91	132.98	0.06	120.07	
0+0: opp ℄ of Ibis From South					
S Top Cb			12.93	120.05	
S Gutter on Pav			13.60	119.38	
Cb			12.4	120.6	
1/4			11.8	121.2	
℄			11.1	121.9	
1/4			10.5	122.5	
Cb			8.6	124.4	
H			1.5	131.5	
0+28.13 = opp ℄ Ibis From South					
H			9.9	123.1	
Cb			13.0	120.0	
1/4			12.7	120.3	
℄			12.6	120.4	

1-11-33
Moore
[illegible]
[illegible]

Indexed
C.S.K.

1



Sassafras

	132.98		
1/4		12.4	120.6
Cb		12.4	120.6
S on Edge Paving		11.32	121.66
	0+56.25 = Opp F.Cb 16 bis		
S on Paving		10.02	122.96
S " Top Cb		8.94	124.04
Cb		11.0	122.0
1/4		11.2	121.8
&		12.3	120.7
1/4		12.4	120.6
Cb		12.3	120.7
N		12.5	120.5
	0+70.08 = Opp E.L. 16 bis From South		
N		12.0	121.0
Cb		12.2	120.8
1/4		11.5	121.5
&		12.3	120.7
1/4		12.3	120.7
Cb		11.8	121.2

	132.98		
S		10.5	122.5
	0+95.48		
S		9.8	123.2
Cb		10.3	122.7
1/4		10.8	122.2
&		11.8	121.2
1/4		12.2	120.8
Cb		12.1	120.9
N		12.1	120.9
	1+20.88		
N		11.6	121.4
Cb		11.1	121.9
1/4		8.6	124.4
&		6.6	126.4
1/4		7.2	125.8
Cb		7.2	125.8
S		3.0	130.0
	1+46.28 = W.L. Horton		
S		+5.1	138.1
Cb		+3.1	136.1

Sassafras		122.98					152.82			
						¼		11.4	144.9	
¼			+15	134.5		½		14.0	142.3	
½			0.4	132.6		¼		17.8	139.0	
¼			4.0	129.0		Cb		20.4	135.9	
Cb			3.7	129.3		N		25.1	131.2	
N			9.3	123.7			1+82.78 = ½ Horton			
		1+62.78 = N Cb Horton				N		24.1	132.2	
N			2.4	130.6		Cb		16.7	139.6	
Cb			1.4	131.6		¼		13.4	142.9	
TP	12.65	144.74 ✓	0.89	132.09 ✓		½		11.2	145.1	
¼			8.2	136.5		¼		8.0	148.3	
½			5.0	139.7		Cb		5.4	150.9	
¼			2.8	141.9		S		1.8	154.5	
Cb			1.6	143.1		TP	12.90	168.70 ✓	0.52	155.80 ✓
S			0.4	144.3			1+93.78 = ¼			
TP	12.14	156.32 ✓	0.56	144.8 ✓		S		9.8	158.9	
BM			11.8	145.14	Old ½ Nov Sassafras + Horton	Cb		13.2	155.5	
		1+78.78 = N ¼				¼		15.9	152.8	
S			5.9	151.4		½		19.0	149.7	
Cb			10.3	146.0		¼		23.2	146.5	

Sassafras

16870

Cb		26.6	142.1
N		31.6	137.1
	2+03.78: Cb		
N		26.9	141.8
Cb		23.1	145.6
¼		19.1	149.6
⅛		16.0	152.7
¼		13.0	155.7
Cb		10.7	158.5
S		1.6	162.1
	2+21.28: EL Horton		
S		2.1	166.6
+6.55: EL 16N		3.4	166.3
Cb		4.7	164.0
¼		1.6	162.1
⅛		10.0	158.7
¼		13.1	155.6
Cb		15.9	152.8
N		19.5	149.2

Cross Section 16N
Horton to S.L. Upas

16870

0+00 = EL Horton + 2.16N

E		2.4	166.3
	0+37.4		
E		1.6	167.1
Cb		9.9	158.8
TP	12.53 — 16833	12.90	155.80
	0+41.10		
¼		14.9	153.4
Cb		9.7	158.6
E		0.9	167.4
	0+52.8		
E		+0.4	168.7
Cb		8.9	158.4
¼		13.7	154.6
⅛		18.8	149.5
	0+68.5		
¼		21.5	146.8
⅛		16.2	152.1
¼		12.4	155.9

161.5			
	168.33		
Cb		8.1	160.2
E		+1.0	169.3
	0+82.2		
E		+1.5	169.5
Cb		7.5	160.8
¼		11.7	156.6
¼		16.1	152.2
½		19.9	148.4
Cb		25.2	143.1
	1+09.6	See 80 Wide	
W		31.3	137.0
+9		31.3	137.0
+11		28.2	140.1
Cb		24.1	144.2
¼		19.2	149.1
¼		14.5	153.8
½		11.0	157.3
Cb		6.6	161.7
E		+0.5	168.8

	168.33		
	1+50		
E		+3.8	172.1
Cb		8.2	165.1
¼		7.0	161.3
¼		10.9	157.4
½		18.6	154.7
Cb		19.2	149.1
+8		21.8	146.5
+10		29.3	139.0
W		29.0	139.3
	1+70.3	= St. Thorn	
W		27.2	141.1
+10		27.1	141.2
+13		19.2	149.1
Cb		16.2	152.1
¼		11.8	156.5
½		8.2	160.1
¼		4.5	163.8
Cb		1.6	166.7
E		+4.2	172.5

1615 | 168.33

S cb Thorn

20 chs 1=1/4

F			+5.5	173.8	
Cb			+0.4	168.7	
1/4			1.5	166.8	
℄			5.1	163.2	
1/4			9.7	158.6	
Cb			14.1	154.2	
+13			20.3	148.0	
+15			26.3	142.0	
W			26.0	142.3	
		S 1/4			
W			24.2	144.1	
+5			24.5	143.8	
+7			19.1	149.2	
Cb			13.2	155.1	
1/4			8.6	159.7	
℄			4.2	164.1	
1/4			0.0	168.3	
Cb			+2.7	171.0	
F			+6.8	175.1	

168.33

℄ Thorn

F			+7.5	175.8	
Cb			+3.0	171.3	
1/4			+1.0	169.3	
℄ BM			4.03	164.30	09 M07
1/4			8.0	160.3	
Cb			12.0	156.3	
+14			18.2	150.1	
+16			23.0	145.3	
W			23.0	145.3	
		N 1/4			
W			21.6	146.7	
+6			21.6	146.7	
+8			16.5	151.8	
Cb			11.6	156.7	
1/4			7.2	161.0	
℄			2.8	165.5	
TP	13.24	177.54	4.03	164.30	
1/4			9.0	168.5	
Cb			5.7	171.8	

1615		17754						17754				
E			0.5	177.0			¼			10.4	167.1	
	N Cb						Cb			7.8	169.7	
E			0.7	176.8			E			1.9	175.6	
BM			0.73	176.81	on Peg NE Thorn +1611				0+25			
Cb			5.4	172.1			E			8.5	169.0	
¼			8.5	167.0			Cb			13.6	163.9	
△			10.9	166.6			TP	1.39	166.26 ✓	12.67	164.87 ✓	
¼			15.8	161.7			¼			15.0	161.3	
Cb			19.9	157.6			△			6.2	160.1	
+10			23.1	154.4			¼			11.8	154.5	
+12			25.5	149.0			Cb			14.9	151.4	
W			25.6	148.9			+5			14.5	151.8	
	N.E. Thorn = 0+0						+12			18.3	148.0	
W			36.3	141.2			+15			24.1	142.2	
+5			31.3	151.2			W			24.1	142.2	
+15			31.5	151.0			+5 : S'ly House			24.1	142.2	
+18			28.2	155.3					0+50			
Cb			22.0	155.5			-20			27.0	139.3	
¼			17.7	159.8			W			25.1	141.2	
△			14.0	163.5			Cb			22.6	143.7	

16+5		16626					16118		
¼			16.4	149.9	¼			17.1	144.1
℄			17.6	148.7	℄			16.2	145.0
+5			17.6	148.7	¼			15.2	146.0
¼			13.8	152.5	Cb			12.0	149.2
Cb			9.4	156.9	E			10.2	151.0
E			6.2	160.1			1+25		
TP	7.60	16118 ✓	13.68	153.58 ✓	I			10.1	151.1
		0+75			Cb			10.2	151.0
I			7.1	154.1	¼			11.3	149.9
Cb			12.7	148.5	℄			11.0	150.2
¼			13.1	148.1	¼			11.3	149.9
℄			14.8	146.4	Cb			15.2	146.0
¼			16.2	145.0	+15			15.7	145.5
Cb			19.4	141.8	W			18.3	142.9
W			19.6	141.6	+10 = Ely Frame No.			18.3	142.9
+20			20.6	140.6			1+30		
		1+0			-10			17.8	143.4
-10 = Sly Dirt Drive 16' Wide			20.3	140.9	W			17.8	143.4
W = " " "			19.6	141.6	+5			15.3	145.9
Cb			18.8	142.4	Cb			14.8	146.4

1615		161.18					161.18		
¼			11.3	149.9		+5		14.0	147.2
ⅆ			11.1	150.1		Cb		11.8	149.4
¼			11.1	150.1		¼		11.7	149.5
Cb			8.6	152.6		ⅆ		11.0	150.2
E			4.3	156.9		¼		8.5	152.7
	1+50					Cb		6.2	155.0
E			2.5	158.7		E		3.9	157.3
Cb			5.5	155.7			2+0		
¼			9.3	151.9		E		4.6	156.6
ⅆ			11.0	150.2		Cb		9.5	151.7
¼			11.2	150.0		¼		10.4	150.8
Cb			12.2	149.0		ⅆ		11.9	149.3
+15			13.3	147.9		¼		12.3	148.9
W			17.6	143.6		Cb		14.7	146.5
+10 = Mly Ho.			17.6	143.6		W		17.6	143.6
+20			19.5	141.7		+20		18.7	142.5
	1+75					2+25			
-20			19.8	141.4		-20		18.3	142.9
-10			17.2	144.0		W		16.8	144.4
W			17.0	144.2		Cb		14.1	147.1

16 bis		16.1.18					16.1.18		
½			12.6	148.6		½		11.2	150.0
↓			12.5	148.7		Cb		10.5	150.7
½			11.7	149.5		E		8.7	152.5
Cb			9.7	151.5			3+0 = 5 L. Upol		
E			7.0	154.2		E		7.2	154.0
	2+50					Cb		7.7	153.5
E			8.9	152.3		½		7.2	154.0
Cb			11.2	150.0		↓		6.4	154.8
½			12.1	149.1		½		5.9	155.3
↓			11.9	149.3		Cb		5.4	155.8
½			11.4	149.8		W		5.1	156.1
Cb			18.8	147.4		+10		4.8	156.4
W			15.2	146.0					
+20			16.1	145.1					
	2+75								
-20			11.9	149.3					
W			11.5	149.7					
Cb			9.1	152.1					
½			10.4	150.8					
↓			11.2	150.0					

Cross Section Thorn
Ibis to Hawk

					8.0' Wide 2.0' Cbs 10' 1/4
BM	12.31	189.12		176.81	on Peg NE Thorn Ibis
	0+0 EL Ibis				
N			13.3	175.8	
Cb			11.9	177.2	
1/4			12.3	176.8	
℄			13.1	176.0	
1/4			14.0	175.1	
Cb			15.0	174.1.	
S			16.4	172.7	
	0+25				
S			8.4	180.7	
Cb			6.8	182.3	
1/4			6.2	182.9	
℄			6.4	182.7	
1/4			5.6	183.5	
Cb			5.6	183.5	
N			8.3	180.8	
	0+50				
N			3.1	186.0	

		18912		
Cb			2.5	186.6
1/4			2.2	186.9
℄			1.7	187.4
1/4			1.7	187.4
Cb			2.5	186.6
S			4.2	184.9
TP	13.00	201.60	0.52 ✓	188.60 ✓
	0+75			
S			12.5	189.1
Cb			11.7	189.9
1/4			11.4	190.2
℄			10.9	190.7
1/4			10.4	191.2
Cb			10.7	190.9
N			12.3	189.3
	1+0			
N			8.1	193.5
Cb			7.1	194.5
1/4			7.0	194.6
℄			7.2	194.4

Thorn

		201.60			
1/4			7.5	194.1	
Cb			8.1	193.5	
S			8.5	193.1	
	1+25				
S			5.3	196.3	
Cb			4.4	197.2	
1/4			4.2	197.4	
¢			3.9	197.7	
1/4			3.9	197.7	
Cb			4.0	197.6	
N			4.9	196.7	
	1+50				
N			0.5	201.1	
Cb			0.4	201.2	
1/4			0.4	201.2	
¢			0.6	201.0	
1/4			0.9	200.7	
Cb			1.0	200.6	
S			2.0	199.6	

		201.60			
TP	12.20	212.55 ✓	1.25	200.35 ✓	
	1+75				
S			9.6	203.0	
Cb			8.1	204.5	
1/4			7.6	205.0	
¢			7.6	205.0	
1/4			6.9	205.7	
Cb			7.2	205.4	
N			7.0	205.6	
	2+0 = W.L. Hart				
N			4.1	208.5	
Cb Top			4.30	208.25	208.0 = profile
Gutter or Pav			4.91	207.64	
1/4 " "			4.78	207.77	
¢ " "			4.94	207.61	
1/4 " "			5.30	207.25	
Gutter " "			5.92	206.63	
Cb Top			5.32	207.23	207.0 "
S			5.8	206.8	

Cross Section Thoro 16½ to Horton

80' Wide
20' Cbs.
10' Qtr.

BM	2.63	147.77		145.14	Mon & Square front Horton
		W.L 16½			
S			6.7	141.1	
Cb			5.0	142.8	
¼			3.8	144.0	
½			2.2	145.6	
¼			1.0	146.8	
Cb			+0.5	148.3	
+10			+2.0	149.8	
+16			6.2	141.6	
N			6.2	141.6	
		5' N of W.L 16½			
6' N of W.L = Conc. Porch			5.5	142.26	
		15' W of W.L 16½			
N			6.7	141.1	
Cb			5.8	142.0	18' W of W.L 16½ on N. = Lg Pepperstree
¼			5.8	142.0	
½			6.8	141.0	
¼			8.0	139.8	

147.77

Cb				6.4	141.4
S				7.2	140.6
		28' N of W.L 16½			
S				13.0	134.8
Cb				10.1	137.7
¼				8.9	138.9
½				8.0	139.8
¼				7.4	140.4
Cb				7.2	140.6
N				6.7	141.1
		45.5 N = E.L Horton on S			
N				14.4	133.4
Cb				14.4	133.4
¼				12.8	135.0
½				13.2	134.5
¼				14.2	133.6
Cb				15.5	132.3
S				18.4	129.4
TP		1.54	136.78	12.53	135.24
		.54' W of W.L 16½			
N = E Garage 1st Floor				5.4	142.4

Thorn

136.78

E.L. Horton on Diag.

S		7.4	129.4
Cb		8.9	127.9
¼		8.4	128.4
½		8.3	128.5
¼		7.4	129.4
Cb		6.5	130.3
N		6.0	130.8

Sassafras St. 4 16 in
Additional Cuts on North

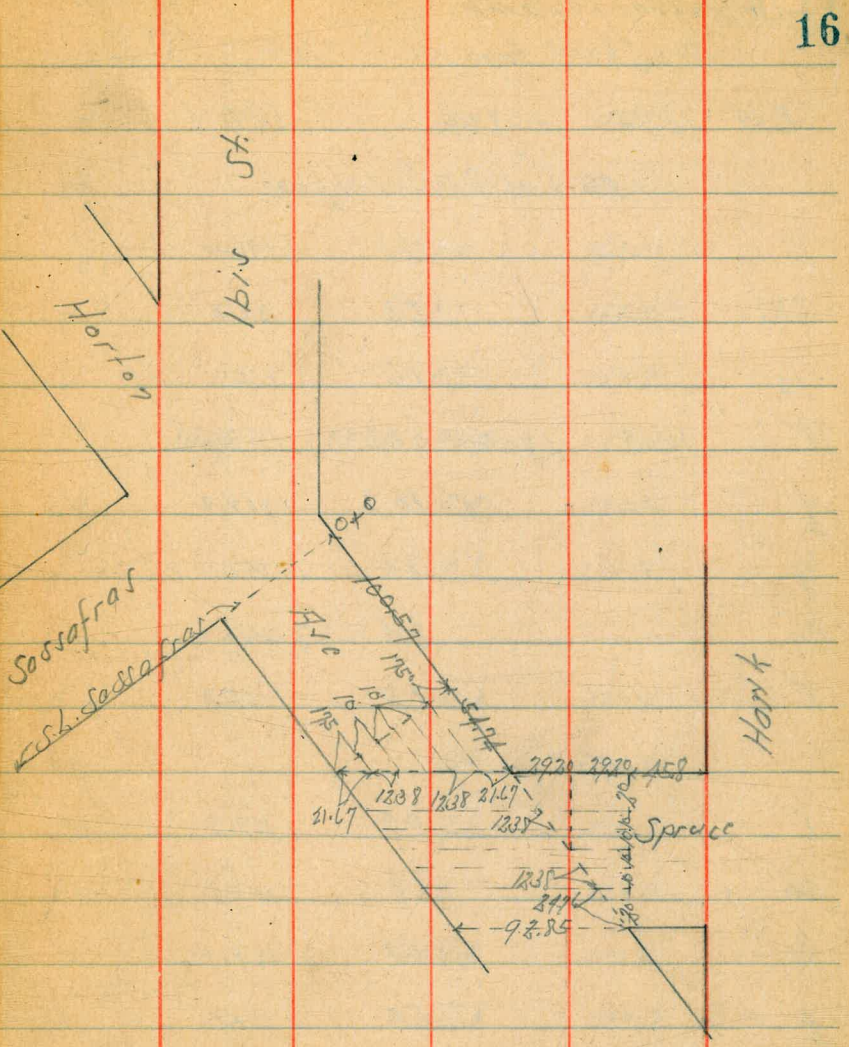
				SW Cr Sassafras 16 in
BM	9.00	128.74	119.74	
0+95.48				
15' N of NL Sassafras		7.7	121.04	
1+20.88				
40' N of NL Sassafras		7.3	121.4	
20' N " " "		7.6	121.1	
1+46.38 = NL Horton				
20' N of NL Sassafras		6.8	122.4	
40' N " " "		7.0	121.7	
60' N " " "		6.7	122.0	
1+63.78 = WCL Horton				
70' N of NL Sassafras		6.0	122.7	
45' N " " "		5.5	123.2	
25' N " " "		4.5	124.2	
20' N " " "		0.5	128.2	
1+73.78 = N ℄				
TP	11.75	140.07	0.42	128.33
20' N of NL Sassafras		8.7	131.4	
35' N		14.9	125.2	

140.07

60' N of NL Sassafras	15.7	124.4
75' N " " "	15.8	124.3
1+83.78 = ℄ Horton		
85' N of NL Sassafras	14.5	125.6
55' N " " "	12.5	127.6
42' N " " "	13.5	126.6
30' N " " "	7.7	132.4
5' N " " "	8.8	131.3
1+93.78 = E ℄		
15' N of NL Sassafras	7.7	132.4
40' N " " "	6.8	133.3
52' N " " "	11.9	128.2
67' N " " "	10.9	129.2
90' N " " "	13.3	126.8
2+03.78 = E Lt.		
95' N of NL Sassafras	11.4	128.7
75' N " " "	8.9	131.2
62' N " " "	9.9	130.2
52' N " " "	5.3	134.7
27' N " " "	6.3	133.8
15' N " " "	1.1	138.0

Blk 57
Additional outs on West

	140.07	
1+09.6		
5' W of W.L Blk 57	4.3	135.8
11' W " " "	8.2	131.9
25' W " " "	10.5	129.6
40' W " " "	14.2	125.9
1+50		
30' W of W.L Blk 57	9.0	131.1
15' W " " "	8.1	137.0



Cross Section Horton And Spruce
Sassafras to Hawk
See Sketch Page 16

75' Wide
175 Cb
to Qtz

BM	12.94	158.08		145.14
	25 S of SL Sassafras			
W			12.1	146.0
Cb			5.3	152.8
¼			1.6	156.5
TP	13.12	170.57	0.63	157.45
℄			10.8	159.8
¼			8.3	162.3
Cb			6.4	164.2
E			2.5	168.1
	50 S			
E			0.7	169.9
Cb			3.4	167.2
¼			5.2	165.4
℄			6.5	164.2
¼			8.3	162.3
Cb			11.0	159.6
W			16.6	154.0

170.57

75 S

W			11.0	157.6
Cb			6.1	164.5
¼			3.5	167.1
℄			2.2	168.4
¼			0.9	169.7
TP	12.29	182.72	0.14	170.43
Cb			1.5	171.2
E			9.3	173.4
	100.57 S			
E			5.3	177.4
Cb			6.5	176.2
¼			7.6	175.1
℄			9.7	173.0
¼			11.4	171.3
Cb			12.4	170.3
W			16.3	166.4
	127.94 S			
℄			6.7	176.0
¼			5.8	176.9

		182.72		
Cb			4.7	178.0
E			2.5	180.2
	100.57' South 155.31' E of = N.L. Spruce on Diag			
TP	7.20	189.61	0.31	182.41
E			6.2	183.4
Cb			9.4	180.2
1/4			11.5	178.1
℄			13.7	175.9
1/4			14.3	175.3
Cb			16.7	172.9
W			23.2	166.4
		N.C. on Diag		
W			17.9	171.8
Cb			14.7	174.9
1/4			12.8	176.8
℄			11.1	178.5
1/4			8.6	181.0
Cb			6.4	183.2
E			3.0	186.6

		189.61		
		℄ Spruce on Diag		
E			1.0	188.6
Cb			3.3	186.3
1/4			5.2	184.4
℄ on Mon			7.21	182.40
1/4			9.2	180.4
Cb			11.8	177.8
W			16.4	173.2
		S Cb on Diag		
W			13.0	176.6
Cb			9.0	180.6
1/4			6.7	182.9
℄			4.7	184.9
1/4			3.0	186.6
Cb			2.0	187.6
E			2.0	187.6
		S.L. Spruce on Diag		
E			2.8	186.8
Cb			3.9	185.7
1/4			5.0	184.6

	189.61				
℄		5.3	184.3		
¼		6.4	183.2		
Cb		8.6	181.0		
N		14.3	175.3		
	Cross Section Spruce			80' Wide 30' Cbs 15' Gts	
	29.2' E of E.L. Horton on N = E.L. Horton on ℄ Spruce				
℄		1.1	188.5		
¼		1.0	188.6		
Cb		0.9	188.7		
N.L.		0.5	189.1		
	58.4' E of E.L. Horton on N = E.L. Horton on S				
N		1.0	188.6		
Cb		2.3	187.3		
¼		2.1	187.5		
℄		2.3	187.3		
¼		2.7	186.9		
Cb		2.6	187.0		
S		2.8	186.8		

		189.61		
102' E of E.L. Horton 2' W of W.L. Hank				
S			+ 0.5	190.1
+ 10			+ 0.7	190.3
+ 14			2.5	187.1
Cb			3.0	186.6
¼			3.0	186.6
℄			3.1	186.5
¼			3.1	186.5
Cb			3.2	186.4
+ 6			3.0	186.6
+ 15			1.9	187.7
N			0.1	189.5
	104.2' E =	W.L. Hank		
N			2.4	187.2
+ 14 = Top Existing Cb			2.93	186.68
Gutter on Paving			3.64	185.97
Cb	" "		3.39	186.22
¼	" "		3.19	186.42
℄	" "		3.02	186.59
¼	" "		2.95	186.66

	189.61		
CB on Pavement		3.00	186.61
+6 = Top Existing CB		2.41	187.20
+6 Gutter		3.02	186.59
S		2.7	186.91

4-7-33 [illegible] Walker Bliss — 16th St & See — Indexed e.s.k.

Commercial South

For RePavement & Removal of Public Scales.

BM B.P.	1.47	13.99		12.52
30' N. of S. Line Commercial = S. Rail S.D.&A RR Spur.				
W. Line 16th			13.99 / 3.58	10.41
+14' = W. cb			3.37	10.62
cb + 18' = W. Rail S.D.E.R.R.			3.00	10.99
20' N. of S. line Commercial				
cb + 18' W. Rail S.D.E.R.R.			3.09	10.90
" +10			3.50	10.49
cb.			4.17	9.82
W. Line 16			4.56	9.43
14' N. of S. Line Commercial = S. cb				
W. Line 16 gutter			5.03	8.96
" " " Top cb.			5.70	8.29
+4 = P.C. Top cb			4.99	9.00
" " gutter			5.63	8.36
cb.			4.79	9.20
+10			3.70	10.29
+18 = W. Rail			3.13	10.86

13.99

00 = S. Line Commercial

cb+18	13.99 / 3.27	10.72
+10	3.80	10.19
+5	4.70	9.29
gutter	5.69	8.30
cb.	5.00	8.99
W.	4.85	9.14
31' S.		
W.	5.1	8.89
+4 = W. edge cmt. walk	5.12	8.87
+9.33 = E " "	5.25	8.74
cb	5.29	8.70
gutter	5.98	8.01
+5	5.02	8.97
+10	4.17	9.82
+15	3.73	10.26
+27.9 W. Rail S.D.E.R.R	3.54	10.45

Bet. 31' S. & 39' S. Curb Cocked 0.25 E. of Line

" 39' S & 48' S Curb Badly Broken.

13.99

48'S. 13.99

ch + 40 = W. Rail S.D.E.R.R.		3.59	10.40
ch + 23		3.74	10.25
+ 15		4.13	9.86
+ 10		4.56	9.43
+ 5		5.23	8.76
gutter		6.07	7.92
ch		5.44	8.55
+ 4.67 = E. edge cmt walk		5.37	8.62
+ 10. W " " "		5.27	8.72
W.		5.3	8.69
	65.5 S.		
W.		5.3	8.69
+ 4 = W. edge walk		5.42	8.57
+ 9.33 E " "		5.52	8.47
ch		5.56	8.43
gutter at N. End 2. 4" pipe Drains		6.18	7.81
+ 5		5.30	8.69
+ 10		4.74	9.25
+ 15		4.39	9.60
+ 20		4.24	9.75
+ 40		4.03	9.96

13.99

66.0 S. 13.99

ch + 40		4.03	9.96
+ 20		4.29	9.70
+ 15		4.41	9.58
+ 10		4.67	9.32
+ 5		5.21	8.78
ch. Line	on asphalt Runway	5.46	8.53
+ 4.67	" " "	5.48	8.51
+ 10.	" " "	5.38	8.61
W.	" " "	5.40	8.59

Bet 66.0 S. + 79.5. Asphalt Runway Laid over Curb + walk to W. Line

78.6 S.

W. on asphalt Runway		5.43	8.56
+ 4		5.43	8.56
+ 9.33		5.51	8.48
ch. Line		5.49	8.50
+ 4		5.32	8.67
+ 5.2	pavmt.	4.89	9.10
+ 5.2 N.W. Cor. Scales platform.		4.79	9.20
+ 14.9 N.E " " "		4.84	9.15
+ 149	Pavmt.	4.80	9.19

		13.99			
		78.6 S. (cor.)	13.99		
+20			4.72	9.27	
740.			4.35	9.64	
		80' S.			
el +40			4.35	9.64	
" +20			4.72	9.27	
+15	Pav.		4.80	9.19	
+14.9	scales - platform.		4.84	9.15	
+5.2	"		4.79	9.20	
+5	pavmt.		5.56	8.43	
+3			5.78	8.21	
gutter S. End. 2. 4" pipes			6.23	7.76	
el			5.66	8.33	
+4.67 = E.	edge cmt walk		5.64	8.35	
+10. = W	" " "		5.54	8.45	
W.			5.4	8.59	
		83.8 S.			
	Scales Base		5.83	8.16	pavmt.
2.4 E. of E. el = N.W. Cor.			5.67	8.32	Top cmt. wall
" "			5.59	8.40	pavmt.
5.2 " " " " = N.E. "			5.67	8.32	Top cmt wall
		85.0 S.			
10' E. of E. el.	El. dirt under Scales platform + Base.		7.3	6.69	

	13.99	13.99		
	90.7 S.	6.07	7.9 r	pavmt.
2.4 E. of E. el = S.W. cor Scales Base.		5.47	8.32	Top cmt. wall
		5.81	8.18	pavmt.
5.2 E " " " = S.E. " " "		5.67	8.32	Top cmt. wall
	95' N.			
W.		5.6	8.39	
+4 = W. side walk		5.61	8.38	
+9.33 = E " "		5.72	8.27	
el		5.75	8.24	
gutter at N. End. 6" pipe		6.36	7.63	
+5		5.91	8.08	
+5.2	scales platform.	4.77	9.22	
+14.9	" "	4.81	9.18	
+15	pavmt.	4.82	9.17	
+20		5.09	8.90	
+40		4.80	9.19	
	98' S.			
+40		4.80	9.19	
+20		5.09	8.90	
+15		4.82	9.17	
+14.9	scales platform	4.81	9.18	
+5.2	" "	4.77	9.22	

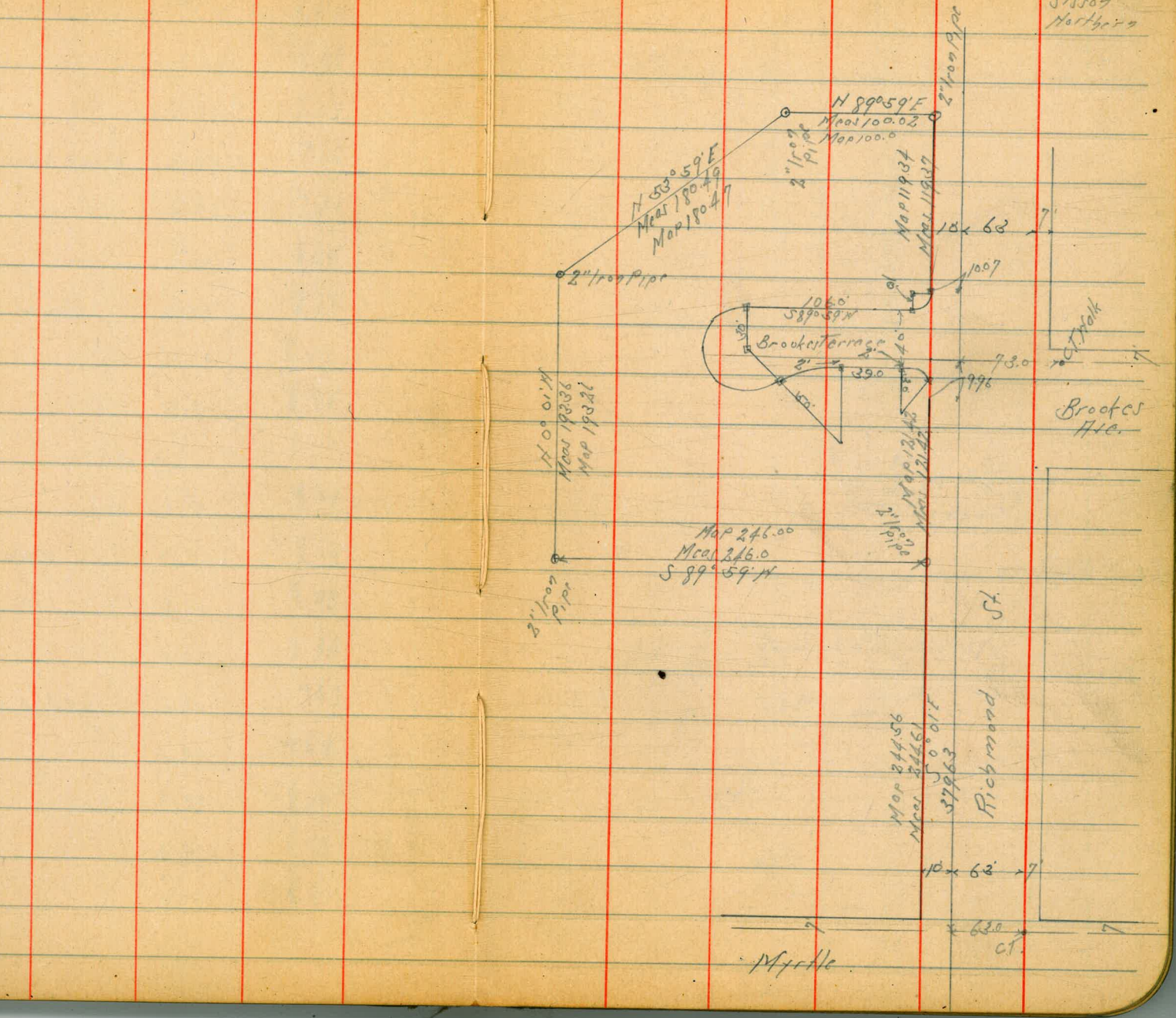
		13.99						13.99	13.99		
		98.0 S. (con)	13.99								
+5.	pavmt.		5.96	8.03	+10				5.57	8.42	
cl			5.75	8.21	+5				5.82	8.17	
+4.67 =	E. edge	walk	5.73	8.26	cl. line on asphalt		Runway		5.77	8.22	
+10 =	W "	"	5.61	8.38	+4.67 W	"	"	"	5.70	8.29	
W			5.5	8.49	+10	"	"	"	5.54	8.45	
		98.2	5.		W.				5.6	8.39	
W.			5.5	8.49				112.0 S.			
+4	on asphalt	Runway	5.51	8.48	W				5.6	8.39	
+9.33	" "	"	5.61	8.38	+4				5.70	8.29	
cl	" "	"	5.60	8.39	+9.33				5.81	8.18	
+5.2	pavmt.		4.86	9.13	cl				5.91	8.08	
+5.2	S.W. cor scales platform		4.81	9.18	gutter at S. End 6" Pipe				6.52	7.47	
+14.9	S.E. "	" "	4.91	9.08	+5				6.07	7.92	
+15			4.84	9.15	+10				5.83	8.16	
+20			5.15	8.84	+15				5.68	8.31	
+40			4.76	9.23	+20				5.49	8.50	
		110.0 S			+40				5.12	8.87	
cl +40. E			5.04	8.98							
+20.			5.39	8.60							
+15.			5.49	8.50							

	13.94		
	117.5'	13.99	
eb +40 E.		5.15	8.84
+20		5.60	8.39
+10		5.96	8.03
+2.5 = N.E. cor. catch basin		6.33	7.66
gutter = N.W. " " "		6.58	7.41
eb.		5.95	8.04
+4.67 E. edge walk		5.88	8.11
+10. W " "		5.76	8.23
W.		5.6	8.39
	121.' S.		
W.		5.7	8.29
+4 N. edge walk		5.86	8.13
+9.33 E " "		5.96	8.03
eb		6.00	7.99
gutter S.W. cor. catch basin		6.36	7.63
+2.5 = S.E. " " "		6.31	7.68
+10		5.99	8.00
+20		5.61	8.38
+40		5.17	8.82

Survey Brookes Terrace

Indexed
C.S.M.

5-16-33
Moore
Sisson
Northern



Alignment Miramar Road
From Wly. End of Grading to Rose Canyon Highway

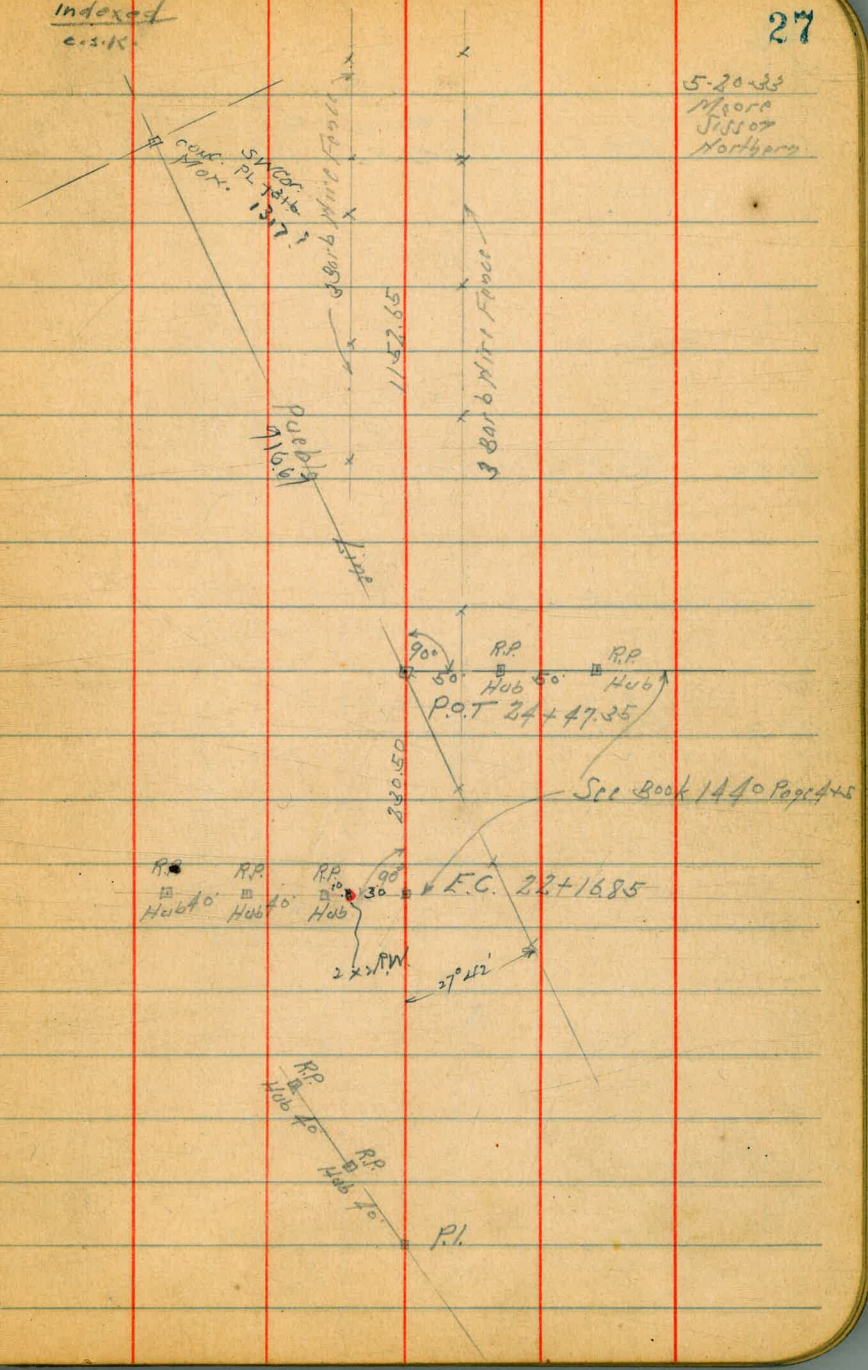
Indexed
c.s.i.c.

5-20-33
Moore
Sisson
Northern

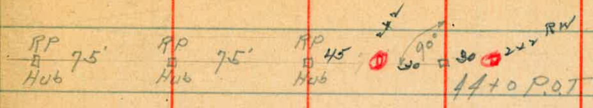
Note:- For Cross Sections See Page 37 to

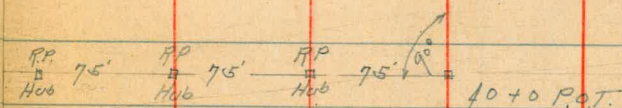
24+47.35 P.O.T.

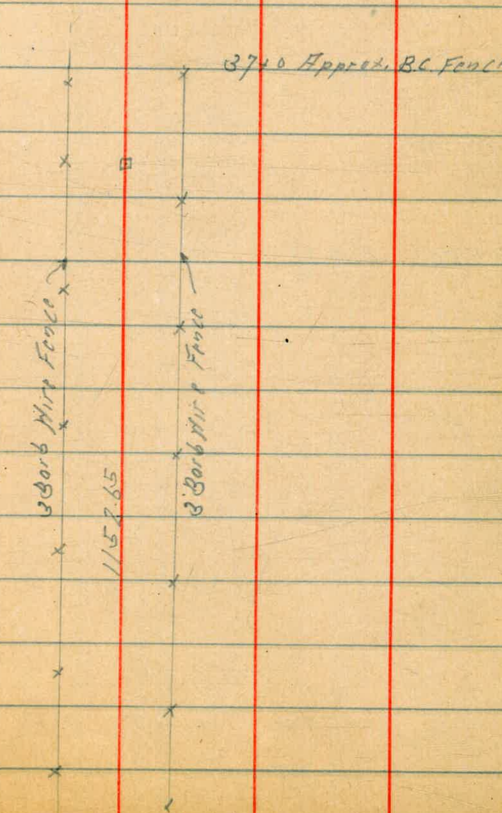
22+16.85 E.C.



44+0	P.O.T.
40+0	P.O.T.
36+0	P.O.T.







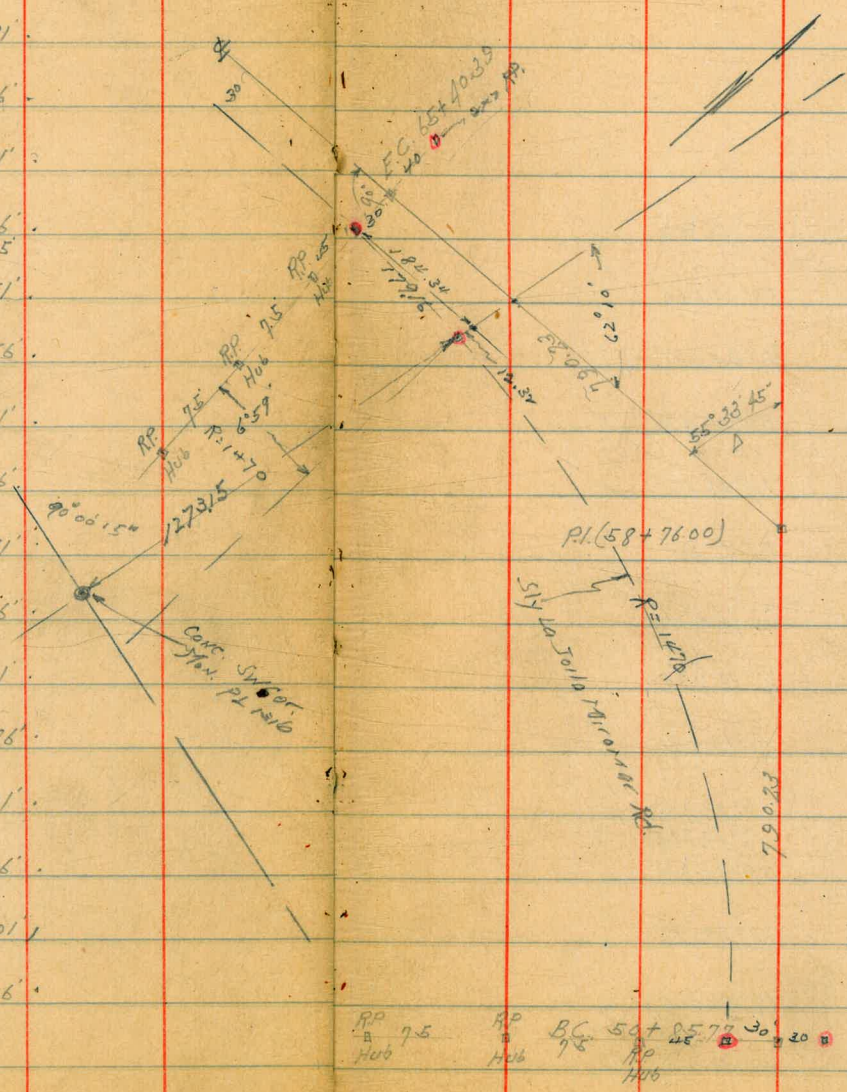
56+0 P.O.S.T.

49+50 P.O.T.

5500

⊙ = New Hubs replaced

		L.T.
+50		14°35.731'
58		13°38.436'
+50		12°41.141'
57	Δ=55°33'45"	11°43.846'
+93 Culvert		11°35.825'
+50	R=1500.0'	10°46.551'
56	T=790.23	9°49.256'
+50	L=1454.62	8°51.961'
55		7°54.666'
+50		6°57.371'
54		6°00.076'
+50		5°02.781'
53		4°05.486'
+50		3°08.191'
52		2°10.896'
+50		1°13.601'
51		0°16.306'
50+85.77 B.C.		



		Lt.	
65+4039	E.C.	27°46.866'	
65		27°00.566'	
+50		26.03.271'	
64		25°05.976'	
+50		24°08.681'	
63		23°11.386'	
+50		22°14.091'	
62		21°16.796'	
+50		20°19.501'	
61		19°22.206'	
+68	Culvert	18°43.245	
+50		18°24.911'	
60		17°27.616'	
+50		16°30.321'	
59	P.O.C.	15°33.026'	

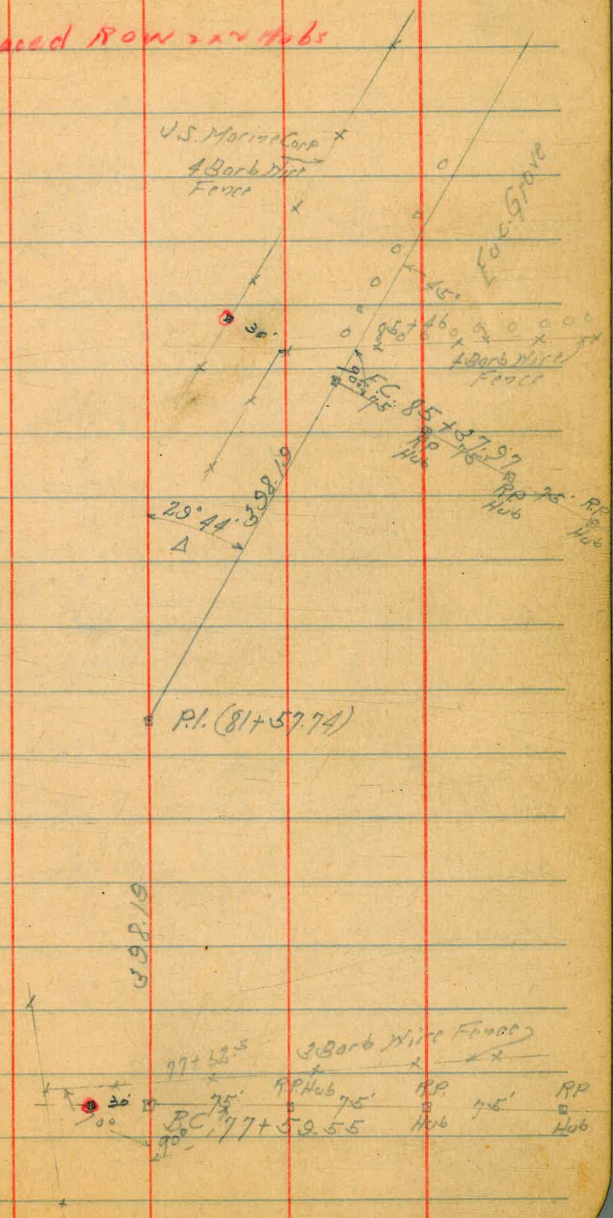
72+12.66 P.O.T.

73+40 Guy Pole ϕ-34' → ☆ Pow. Pole 10'

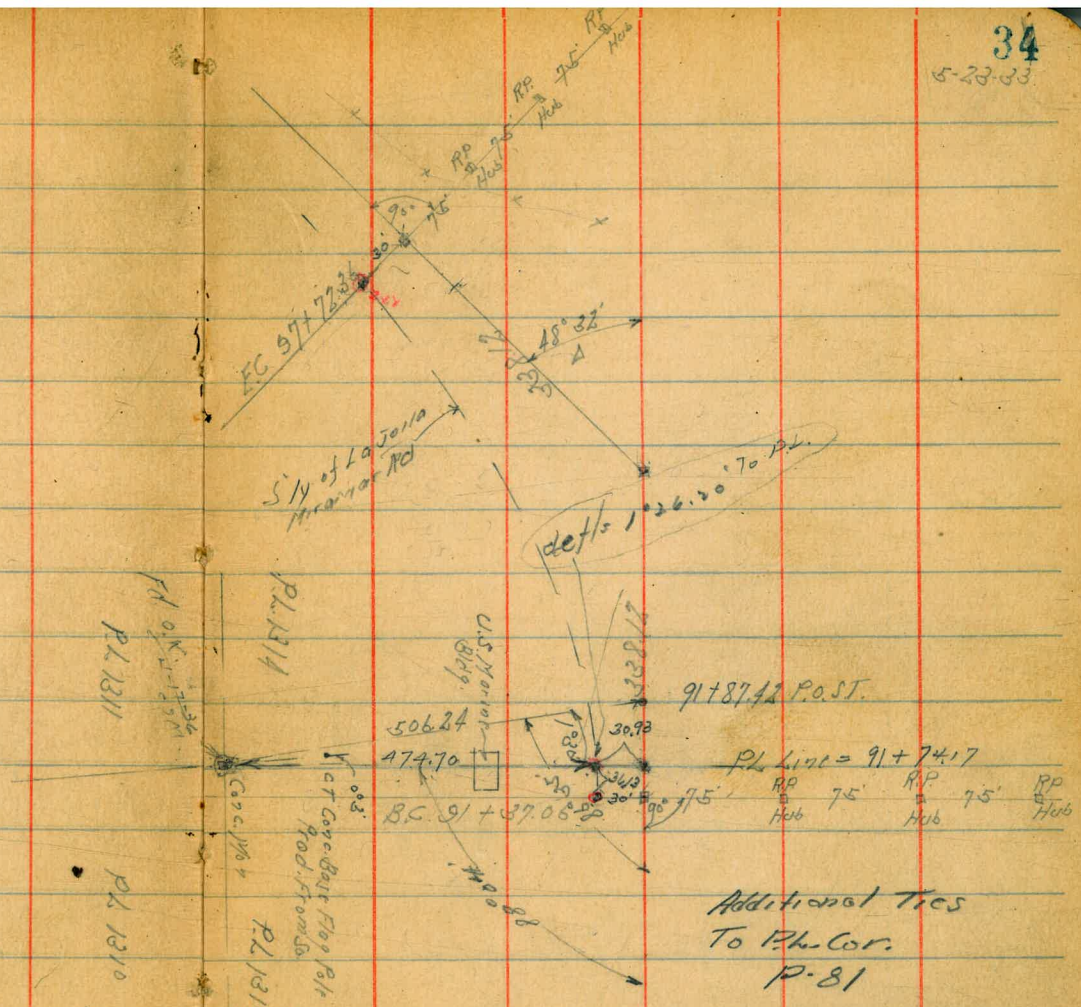
R.P. Hub 75' R.P. Hub 75' R.P. Hub 75' 90°

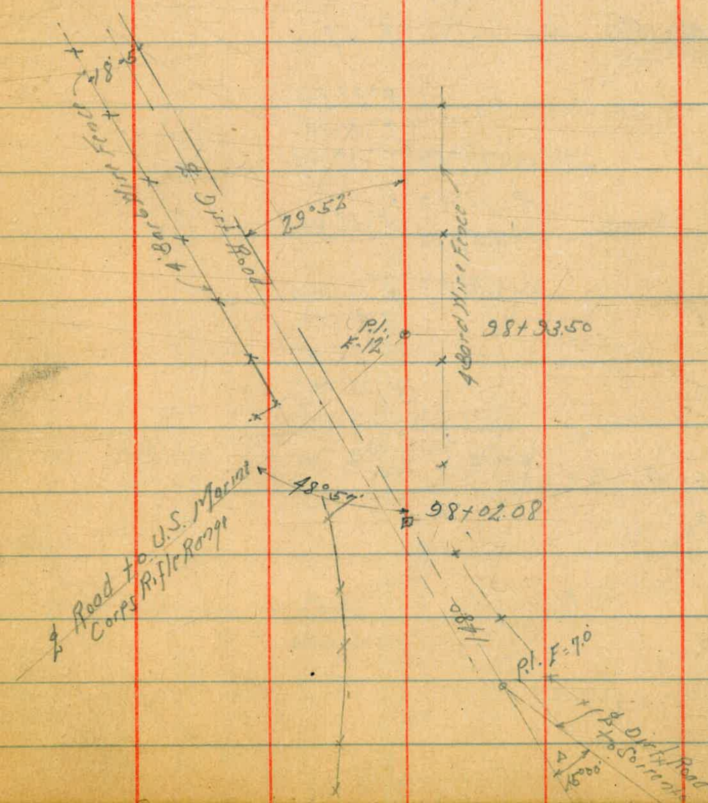
P.O.T. 72+12.66

			Rt.
85+37.97	E.C.		14° 52'
85			14° 08.482'
+50			13° 11.187'
84			12° 13.892'
+50			11° 16.597'
83		Δ=29°44'	10° 19.302'
+50		R=1500.0 T=398.19	9° 23.007'
82		L=778.42	8° 24.712'
+50			7° 27.417'
81			6° 30.122'
+50			5° 32.827'
80			4° 35.532'
+50	P.O.C.		3° 38.237'
79			2° 40.942'
+50			1° 43.647'
78			0° 46.352'
77+59.55	B.C.		



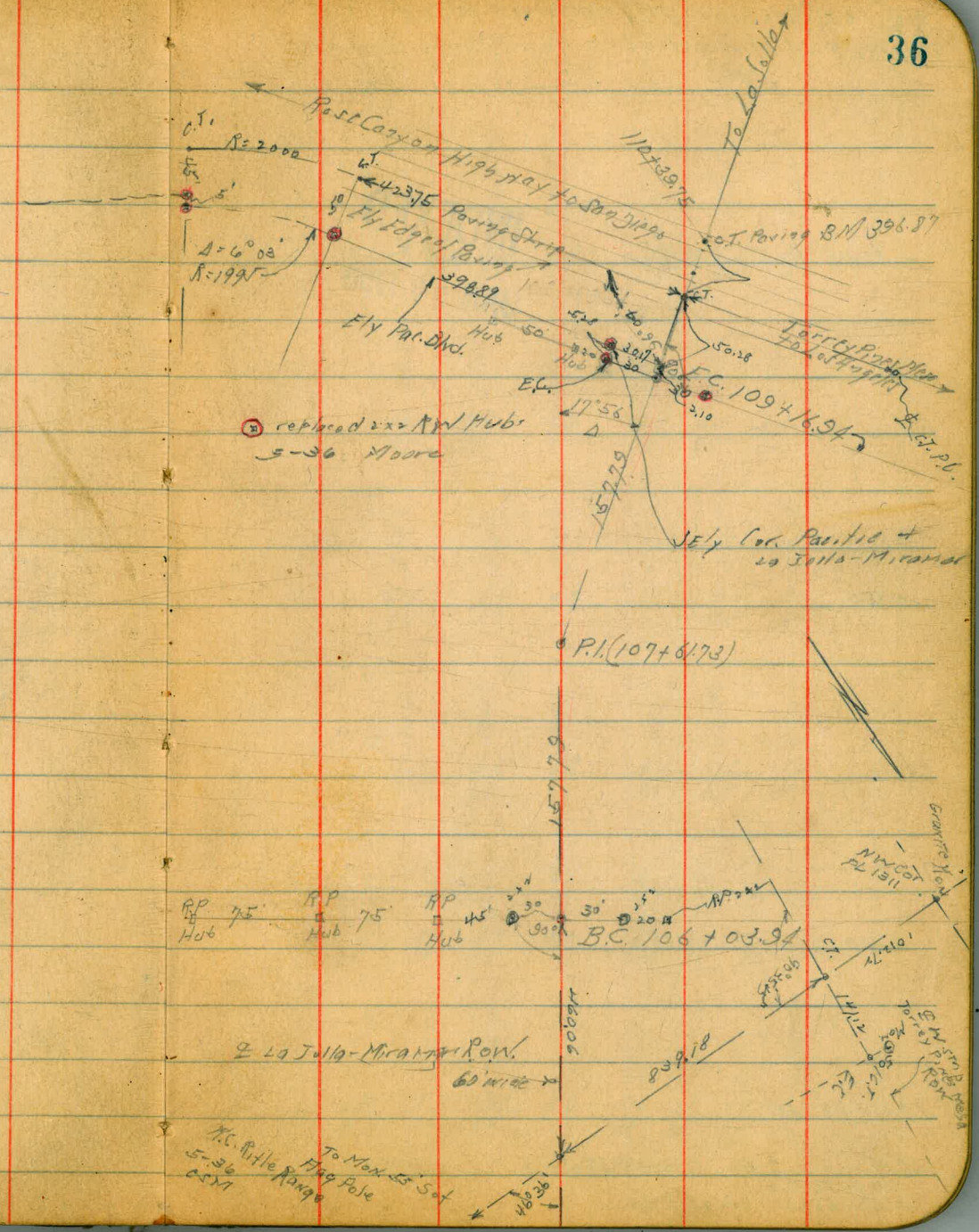
			Lt.
97+72.36	E.C.		21°16'
+50			28°24.746'
97			21°30.156'
+50		Δ = 48°32'	19°35.566'
96		P = 750.0'	17°40.976'
+50		T = 338.12	15°46.386'
95	P.O.C.	L = 665.30	13°51.796'
+50			11°57.206'
94			10°02.616'
+50			8°08.026'
93			6°13.436'
+50			4°18.846'
92			2°24.256'
91+37.06	B.C.		
85+70.50	P.O.T.		




18°5'
Barb Wire Fence
Dirt Road
29°52'
P.I.
12'
98+93.50
Bard Wire Fence
Road to U.S. Marine Corps Rifle Range
48°57'
98+02.08
P.I. F=7.0
Dirt Road to Sorrento
15°00'

Rt.

109+16.94	E.C.		8°58'
109			8°28.884'
+86.94			7°31.95'
7+50		Δ=17°56'	7°02.941'
+16.94		R=1800.0'	5°06.01'
108	P.O.C.	T=157.79	5°36.998'
7+50		L=313.00'	4°11.055'
+03.94			2°51.89'
107			2°45.112'
+68.94			1°25.94'
7+50			1°19.168'
106+03.94 B.C.			



Cross Section Miramar Road
Wly End of Grading to Rose Canyon Highway

For Alignment See Page 27 to 36

5-24-33 ✓
Moore
Sisson
Northern

Station		Lt.			℄			Rt.	
+47.35	P.o.T. on P.L. Line	352.9 5.6/40'	3 Wire Fence 31'	353.1 5.4/23	353.1 5.4	3 Wire Fence 20	353.3 5.2/23'	353.7 4.8/40'	
24		353.0 5.5/40'	353.6 4.9/23		353.3 5.2	353.1 5.4/17'	354.2 4.3/23'	354.1 4.4/40'	
+50		353.2 5.3/40'	354.0 4.5/23		353.8 4.7		353.9 4.6/23'	354.4 4.1/40'	
23		354.1 4.4/40'	354.3 4.2/23'		354.2 4.2	354.1 4.4/23'	355.0 3.5/27'	354.7 3.8/40'	
+50		354.9 3.6/40'	354.7 3.8/23	355.6 2.9/16	355.0 3.5	354.5 4.0/23'	354.6 3.9/26'	355.2 3.3/27'	355.9 2.6/40'
22+16.85	EC.	355.70 2.8/40'	355.60 2.9/23'	355.9 2.6/14'	355.7 2.8	355.0 3.5/23	354.9 3.6/26	355.9 2.6/27'	356.1 2.4/40'

BM 2.90 358.48 355.58 358.48
on 40' Tie Hub
Lt 22+16.85 EC 1440 Page 15

+50				
TP	2.20	355.04	5.64	352.84
27				
+50				
26				
+50 = Prop. Culvert				
25		358.48		

Lt

352.6	353.8	352.5	353.8	352.9	353.0
2.4	2.2	2.5	2.2	2.1	2.0
40	23		10	23	40

Rt

355.04

352.8	353.2	353.0	353.2	353.4	353.4
5.7	5.3	5.5	5.3	5.1	5.1
40	23		10	23	40
353.2	353.4	353.3	353.6	353.9	353.7
5.3	5.1	5.2	4.9	4.6	4.8
40	23		10	23	40
353.0	353.2	353.4	354.2	354.1	354.1
5.5	5.3	5.1	4.3	4.4	4.4
40	23		14	23	40
352.4	352.8	353.0	354.1	354.1	354.0
6.1	5.7	5.5	4.4	4.4	4.5
40	23		15	23	40
352.4	352.9	352.9	353.3	353.6	353.7
6.1	5.6	5.6	5.2	4.9	4.8
40	23		15	23	40

358.48

H.I. 355.0

Station	Lt.		₵			Rt.
+50	350.5 4.5 / 40'	350.1 4.9 / 23'	349.6 5.4	349.2 5.8 / 23'		349.2 5.8 / 40'
30	350.5 4.5 / 40	350.2 4.8 / 23'	349.5 5.5	349.6 5.4 / 23		350.0 5.0 / 40
+50	350.8 4.2 / 40	350.5 4.5 / 23	350.2 4.8	350.4 4.6 / 23		350.2 4.8 / 40
29	351.3 3.7 / 40	351.4 3.6 / 23'	351.0 4.0	351.4 3.6 / 23'		351.4 3.6 / 40'
+50	351.8 3.2 / 40'	351.8 3.2 / 23'	351.5 3.5	351.8 3.2 / 23		352.2 2.8 / 40
28	352.5 2.5 / 40	352.4 2.6 / 23	352.2 2.8	352.5 2.5 / 10'	352.2 2.8 / 23	352.5 2.5 / 40'

355.04 355.04

TP o.7 ℄ Hoil	7.41	356.29	6.16	348.88
33+50				

H.I. 355.04

Station	Lt		℄		Rt.
	349.0	348.9	348.8	348.2	347.1
+50	6.0 / 40'	6.1 / 23'	6.2	6.8 / 23'	6.9 / 40'
	348.4	348.5	348.6	348.0	347.3
33	6.6 / 40'	6.5 / 23'	6.4	7.0 / 23'	7.7 / 40
	348.5	348.3	348.6	347.2	346.4
+60 = Prop Culvert	6.5 / 40'	6.7 / 23'	6.4	7.8 / 23'	8.6 / 40
	349.0	348.7	348.7	348.6	348.3
32	6.0 / 40'	6.3 / 23'	6.3	6.4 / 23'	6.7 / 40'
	349.5	349.4	349.1	348.7	348.2
+50	5.5 / 40'	5.6 / 23	5.9	6.2 / 23'	6.8 / 40
	350.0	349.8	349.5	349.1	348.7
31	5.0 / 40'	5.2 / 23'	5.5	5.9 / 23'	6.3 / 40

355.04

~~355.04~~

Station	Lt		℄		Rt
	352.8	352.0	351.6	351.9	352.2
+50	3.5 / 40'	4.3 / 23'	4.7	4.4 / 23'	4.1 / 40'
	351.7	351.6	351.1	351.5	351.7
36	4.6 / 40'	4.7 / 23'	5.2	4.8 / 23'	4.6 / 40'
	351.1	350.9	350.8	351.0	351.4
+50	5.2 / 40'	5.4 / 23'	5.5	5.3 / 23'	4.9 / 40'
	350.5	350.1	350.3	350.1	350.7
35	5.8 / 40'	6.2 / 23'	6.0	6.2 / 23'	5.6 / 40'
	349.6	349.7	349.8	349.7	350.0
+50	6.7 / 40'	6.6 / 23'	6.5	6.6 / 23'	6.3 / 40'
	349.0	349.0	349.1	348.8	349.1
34	7.3 / 40'	7.3 / 23'	7.2	7.5 / 23'	7.2 / 40'

↓356.29

↓356.29

Station		Lt			℄	Rt	
			352.4	352.4	352.7	352.2	352.5
+50			3.9 / 40'	3.9 / 23'	3.6	4.1 / 23'	3.8 / 40'
			352.1	351.9	352.1	351.9	351.9
39			4.2 / 40	4.4 / 23'	4.2	4.4 / 23'	4.4 / 40'
			351.1	351.3	351.9	351.4	351.6
+50			5.2 / 40'	5.0 / 23'	4.4	4.9 / 23'	4.7 / 40'
		350.7	350.9	351.3	351.8	351.5	351.7
38	= Prop Culvert	5.6 / 50	5.4 / 40'	5.0 / 23'	4.5	4.8 / 23'	4.6 / 40'
			351.9	352.1	351.9	352.15	352.5
+50			4.4 / 40'	4.2 / 23'	4.4	4.0 / 23'	3.8 / 40'
			353.2	352.4	351.9	353.0	352.8
37			3.1 / 40'	3.9 / 23'	4.4	3.3 / 23'	3.5 / 40'

356.29

356.29

Station					Lt		℄		Rt
+50					3.8 / 40' = 358.8	3.8 / 23' = 358.8	4.0 = 358.6	4.8 / 23 = 357.8	5.2 / 40 = 357.4
42					5.4 / 40' = 357.2	5.5 / 23' = 357.1	5.1 = 357.5	5.3 / 23' = 357.3	5.3 / 40' = 357.3
+50					6.2 / 40' = 356.4	6.3 / 23' = 356.3	6.2 = 356.4	6.0 / 23' = 356.6	6.8 / 40' = 355.8
41					7.8 / 40' = 354.8	7.5 / 23' = 355.1	7.9 = 354.7	8.3 / 23' = 354.3	8.2 / 40' = 354.4
TP on Pot Hub 40+0	9.45	362.57	3.17	353.12			362.57		
+50					2.2 / 40 = 354.1	2.4 / 23' = 353.9	2.5 = 353.8	2.6 / 23' = 353.7	2.2 / 40 = 354.1
40					2.9 / 40' = 353.4	3.1 / 23' = 353.2	3.2 = 353.1	2.9 / 23' = 353.4	3.3 / 40' = 353.0
		356.29					356.29		

H.I. 362.57

H.I. 356.29

Station	Lt.		℄		Rt.
	356.9	356.7	355.8	355.2	354.9
+50	5.7 / 40'	5.9 / 23'	6.8	7.4 / 23'	7.7 / 40'
	358.2	358.1	356.4	356.0	355.5
45	4.4 / 40'	4.5 / 23'	6.2	6.6 / 23'	7.1 / 40'
	358.6	357.1	356.9	356.3	356.0
+50	4.0 / 40'	4.5 / 23	5.7	6.3 / 23	6.6 / 40'
	358.5	358.8	357.30	356.4	355.7
44	4.1 / 44'	3.8 / 23	5.27 / on Hub	6.2 / 23'	6.9 / 40'
	358.6	358.2	357.6	356.9	356.0
+50	4.0 / 40'	4.4 / 23'	5.0	5.7 / 23'	6.6 / 40'
	359.5	358.1	357.4	356.5	356.1
43	3.1 / 40'	4.5 / 23'	5.2	6.1 / 23'	6.5 / 40'

362.57

362.57

						LT		RT			
						349.9	349.7	350.6	349.4	349.2	
+50						7.7 40	7.9 23	7.0	8.2 23	8.4 40	
						351.7	351.2	351.1	350.6	350.5	
48						5.9 40	6.4 23	6.5	7.0 23	7.1 40	
						352.5	352.4	353.0	351.6	351.6	
+50						6.1 40	5.2 23	4.6	6.0 23	6.0 40	
						354.4	353.9	353.7	352.9	352.5	
47						3.2 40	3.7 23	3.9	4.7 23	5.3 40	
						355.6	355.3	354.8	353.6	353.1	
+50						2.0 40	2.3 23	2.8	4.0 23	4.5 40	
TP	1.74	357.60	6.71	355.86				357.60			
						356.1	356.1	355.1	354.4	353.9	
46						5.9 40	6.5 23	7.5	8.2 23	8.7 40	
		362.57						362.57			

Sta.					Lt		℄		Rt
51					5.8 / 50' — 341.4	5.3 / 23' — 341.9	5.3 — 341.9	5.4 / 23' — 341.8	5.2 / 50' — 342.0
50+85.77 BC Lt.					5.3 / 50' — 341.9	5.0 / 23' — 342.2	4.78 on Hub — 342.39	5.3 / 23' — 341.9	5.0 / 50' — 342.2
+50					3.0 / 50' — 344.2	3.1 / 23' — 344.1	3.1 — 344.1	3.1 / 23' — 344.1	3.2 / 50' — 344.0
TP	0.70	347.17	11.13	346.47			347.17		
50					11.5 / 50' — 346.1	11.5 / 23' — 346.1	11.9 — 345.7	12.0 / 23' — 345.6	12.1 / 50' — 345.5
+50 P.O.T.					9.9 / 40' — 347.9	10.2 / 23' — 347.4	10.38 on Hub — 347.19	10.2 / 23' — 347.4	10.1 / 40' — 347.5
49					8.8 / 40' — 348.8	8.9 / 23' — 348.7	8.9 — 348.7	9.1 / 23' — 348.5	9.5 / 40' — 348.1
		357.60					357.60		

← 347.17

357.60

						Lt		Rt	
TP	0.45	335.75	11.87	335.30		328.5	330.4	332.2	334.0
54						18.2 (50)	16.8 (23)	15.0	13.0 (23) 11.4 (50)
						331.1	332.3	333.7	335.5 / 336.0
+50						16.1 (50)	14.9 (23)	13.5	11.3 (23) 9.2 (50)
						333.3	334.0	334.5	336.1 / 336.5
53						13.9 (50)	12.2 (23)	12.3	11.1 (23) 8.3 (50)
						335.3	336.5	336.8	336.2 / 336.5
+50						11.9 (50)	10.3 (23)	9.0	9.0 (23) 8.3 (50)
						337.6	339.0	340.1	341.1 / 341.6
52						9.6 (50)	8.2 (23)	7.1	6.1 (23) 5.6 (50)
						339.1	339.5	340.1	341.1 / 342.4
51+50						8.1 (50)	7.7 (23)	7.1	6.1 (23) 4.8 (50)
		347.17						347.17	

Sta.						Lt.		℄		Rt.
						312.7	313.7	314.5	314.7	315.5
+93	Prop Culvert 18"				324.0 ✓	11.3 / 50'	10.3 / 23'	9.5	9.3 / 23'	8.5 / 50
						316.3	317.5	318.2	319.2	319.9
+50						7.7 / 50'	6.5 / 23	5.8	4.8 / 23	4.1 / 50'
TP	0.18	324.04	11.89	323.86				324.04		
						319.3	321.1	323.0	324.7	326.0
56						16.5 / 50'	14.7 / 23	12.8	11.1 / 23'	9.8 / 50'
						320.5	321.8	324.4	326.6	328.5
+50						15.3 / 50'	14.0 / 23'	11.4	9.2 / 23'	7.3 / 50'
					335.7 ✓	323.6	324.3	326.4	328.6	329.6
55						12.2 / 50'	11.5 / 23'	9.4	7.2 / 23	6.2 / 50
						327.0	327.6	329.4	331.3	332.7
54+50						8.8 / 50'	8.2 / 23'	6.4	4.5 / 23'	3.1 / 50
		335.75								

						Lt.		℄		Rt.
						313.7	314.0	315.0	316.3	317.0
+50						11.6 / 50'	11.3 / 23'	10.3	10.0 / 23'	8.3 / 50'
						317.1	319.2	320.3	320.4	321.1
59					325.33 ✓	7.2 / 50'	6.1 / 23'	5.0	4.9 / 23'	4.2 / 50'
						319.6	321.5	322.9	323.9	324.5
+50						5.7 / 50'	3.8 / 23'	2.4	1.4 / 23'	0.8 / 50'
TP	4.06	325.33	2.77	321.27				325.33		
						315.0	317.9	320.1	322.9	324.0
58						9.0 / 50'	6.1 / 23'	3.8	1.1 / 23'	0.0 / 50'
						311.2	314.5	316.4	319.1	321.1
+50					324.0 ✓	12.8 / 50'	9.5 / 23'	7.6	4.9 / 23'	2.9 / 50'
						310.5	311.9	313.3	315.1	316.5
57+10						13.5 / 50'	12.1 / 23'	10.7	8.9 / 23'	7.5 / 50'
		324.04						324.04		

62					
TP	12.84	331.43	0.90	318.59	
+50					
61					
+70	- Prop Culvert				
+50					
TP	5.56	319.49	11.40	313.93	
60					
		325.33			

Lt		℄		Rt		
318.8	319.9	320.8	321.3	320.6		
12.6 / 50	11.5 / 23	10.6	10.1 / 23	10.8 / 50		
		331.43				
312.3	315.2	315.8	316.5	316.0		
7.2 / 50	4.3 / 23	3.7	3.0 / 23	3.5 / 50		
308.2	309.0	310.6	311.7	310.9	307.8	308.1
11.3 / 50	10.5 / 23	8.9	7.8 / 23	8.6 / 38	11.7 / 43	11.4 / 50
304.3	305.5	305.4	306.4	307.4		
15.2 / 50	14.0 / 23	14.1	13.1 / 25	12.1 / 50		
304.2	305.4	306.5	308.9	311.0		
15.3 / 50	14.1 / 23	13.0	10.6 / 23	8.5 / 50		
		319.49				
308.7	309.5	310.8	311.6	312.4		
16.6 / 50	15.8 / 23	14.5	13.7 / 23	12.9 / 50		
		325.33				

1 ✓

Station	Lt		℄		Rt
65	4.2 / 50' — 327.2	3.3 / 23' — 328.1	3.0 — 328.4	2.4 / 23' — 329.0	2.1 / 50' — 329.3
+50	5.1 / 50' — 326.3	2.8 / 23' — 328.6	3.3 — 328.1	2.8 / 23' — 328.6	1.6 / 50' — 329.8
64	4.7 / 50' — 326.7	3.8 / 23' — 327.6	2.9 — 328.5	3.9 / 23' — 327.5	2.8 / 50' — 328.6
+50	5.5 / 50' — 325.9	5.0 / 23' — 326.4	2.7 — 328.7	2.1 / 23' — 329.3	2.4 / 50 — 329.0
63	6.0 / 50' — 325.4	6.2 / 23' — 325.2	5.7 — 325.7	5.4 / 23' — 326.0	3.8 / 50' — 327.6
62+50	9.6 / 50' — 321.8	8.1 / 23' — 323.3	7.5 — 323.9	7.1 / 23' — 324.3	4.9 / 50' — 326.5

331.43

331.43

Sta.					Lt.		℄		Rt.
					332.1	332.9	333.9	334.5	334.5
68					6.8 / 40'	6.1 / 23'	5.1	4.5 / 23'	4.5 / 40'
					331.3	332.2	332.5	333.8	335.3
+50					7.7 / 40'	6.8 / 23'	6.5	5.2 / 23'	3.7 / 40'
					330.4	331.0	331.9	332.6	333.9
67					8.6 / 40'	8.0 / 23'	7.1	6.4 / 23'	5.1 / 40'
					329.7	330.6	331.2	331.5	331.9
+50					9.3 / 40'	8.4 / 23'	7.8	7.5 / 23	7.1 / 40'
					329.0	329.1	329.9	330.8	231.2
66					10.0 / 40'	9.9 / 23'	9.1	8.2 / 23'	7.8 / 40
TP 07 ℄ Hub 65+40.39 EC	10.26	339.04	2.65	328.78					
					327.9	328.4	328.78	329.0	329.3
65+40.39 E.C.					3.5 / 50'	3.0 / 23'	2.65 07 Hub	2.4 / 23'	2.1 / 50'
		331.43					331.43		

71					
TP	7.86	3.44.27	2.63	336.41	
+50					
70					
+50					
69					
68+50		339.04			

	4	5	6	7
	336.8	337.3	337.3	338.3	339.2
	8.5/40	7.0/23	7.0	6.0/23	6.1/40
			344.27		
	335.0	334.8	336.0	336.6	337.7
Fire Buster 58	4.0/40	4.2/23	3.0	2.4/23	1.3/40
	333.2	334.7	335.1	336.0	336.8
	5.8/40	4.3/23	3.9	3.0/23	2.2/40
	332.9	334.5	334.5	334.6	334.9
	6.1/40	4.5/23	4.5	4.4/23	4.1/40
	331.9	333.0	333.5	334.0	335.2
	7.1/40	6.0/23	5.5	4.7/23	3.8/40
	331.7	332.1	334.3	334.4	334.6
	7.3/40	6.9/23	4.7	4.6/23	4.4/40
			339.04		

BM	4.75	344.98	4.24	340.03	Spk in Power Pole 100' Rt 70+50
74					
70+50					
73					
70+50					
72					
71+50		344.27			

Lt		℄		Rt
339.5	339.4	340.3	340.3	339.5
4.8 / 10.	4.9 / 23.	4.0	4.0 / 23.	4.8 / 10.
339.7	339.6	339.4	341.4	339.7
4.6 / 10.	4.7 / 23.	4.9	2.9 / 23.	4.6 / 10.
339.8	340.2	339.7 ✓	339.7	341.2
5.4 / 10.	4.1 / 23.	4.6	4.6 / 23.	3.1 / 10.
339.2	339.3	339.6	339.6	339.2
5.1 / 10.	5.0 / 23.	4.7	4.7 / 23.	5.1 / 10.
336.9	337.5	339.3 Dirt Road	339.5	339.3
7.4 / 10.	6.8 / 23.	5.0	4.8 / 23.	5.0 / 10.
336.8	336.8	339.6	339.3	339.1
7.5 / 10.	7.5 / 23.	5.7	5.0 / 23.	5.1 / 10.

344.27

						LT		P		RT	
						333.2		329.0	325.2	321.9	315.8
77						1.2	50	5.5	9.3	12.6	18.7
						NH Edge Rd.		28		23	50
						334.2		331.0	329.1	326.7	322.5
76+50						5.2		3.0	5.1	7.8	12.0
								23		23	50
TP		2.55	334.53	12.80	331.98				334.53		
						333.4		334.3	332.8	331.2	328.9
76						9.4	50	10.5	12.0	13.6	15.9
								28		23	50
76+60	Power Pole		18.41			336.9		336.7	336.7	334.7	332.16
75+50						7.9	50	8.1	9.1	10.1	12.7
								23		23	50
						338.0		338.4	338.3	336.4	336.3
75						6.8	10	6.4	6.5	7.4	8.5
								23		23	50
						339.2		338.8	339.0	336.7	340.0
74+50						5.6	10	6.0	5.8	5.1	4.8
								23		23	10
			344.78						344.78		

Sta.					Lt.		℄		Rt.	
					339.6	340.0	340.1	340.3	340.4	
+50					6.5 / 40'	6.1 / 23'	6.0	5.8 / 23'	5.7 / 40'	
					338.0	338.2	339.3 ✓	338.2	338.2	
79					8.1 / 40'	7.9 / 23'	6.8	7.9 / 23'	7.9 / 40'	
					335.8	336.1	336.8	335.9	335.5	
+50					10.3 / 40'	10.0 / 23'	9.3	10.2 / 23'	10.6 / 40'	
TP Nail Power Pole 39' Lt 77+84	11.77	346.10	0.20	334.33			346.10			
					334.0	333.5	332.5 ✓	332.1	332.3	
78					0.5 / 40'	1.0 / 23'	2.0	2.4 / 23'	2.2 / 50'	
+84 Power Pole 39' Lt of ℄										
				2 34.0	331.9	330.6	329.07	328.0	328.0	
+59.55 B.C. Rt.				0.5 / 50'	2.6 / 40'	3.9 / 23'	5.16 [illegible] Hub	6.5 / 23'	6.5 / 50'	
				333.0	331.4	328.7	325.0	320.8	317.4	318.4
77+10 = Prop Culvert 18"				1.5 / 50'	3.1 / 40'	5.8 / 23'	9.6	13.7 / 23'	17.1 / 40'	16.1 / 50'
		334.53					334.53			

TP	6.13	349.90	2.33	343.77
+83	Power Pole	17' Lt of ℄		
+50				
82				
+50				
81				
+50				
+35	Power Pole	12' Lt of ℄		
80				
		346.10		

Lt			℄		Rt
	344.0	344.4	342.9	341.9	342.3
2.1 / 40'	2.1 / 30'	1.7 / 23'	3.2	4.2 / 23'	3.8 / 40'
343.3	343.3	344.7	342.9	341.8	341.9
2.8 / 40'	2.8 / 28'	1.4 / 23'	3.2	4.3 / 23'	4.2 / 40'
	342.6	342.5	341.6	342.2	342.3
	3.5 / 40'	3.6 / 23'	4.5	3.9 / 23'	3.8 / 40'
	341.9	341.5	340.9	341.3	342.9
	4.2 / 40'	4.6 / 23'	5.2	4.8 / 23'	3.2 / 40'
	341.4	340.9	340.6	341.1	340.5
	4.7 / 40'	5.2 / 23'	5.5	5.0 / 23'	5.6 / 40'
	340.6	340.2	339.9	340.3	339.9
	5.5 / 40'	5.9 / 23'	6.2	5.8 / 23'	6.2 / 40'
			346.10		

Station	Note		Lt.		℄		Rt.
+74	Power Pole 2.5' Lt of ℄		345.4	346.1	345.29	344.6	344.5
+37.97	F.C.		4.5 / 40'	3.8 / 23	4.61 / 67½ Hub	5.3 / 23'	5.4 / 40
			346.2	346.0	344.9	344.5	344.8
85			3.7 / 40'	3.9 / 23	5.0	5.4 / 23'	5.1 / 40'
			346.4	345.9	345.5	343.9	342.6
+50		Morin Fence 45	3.5 / 40'	4.0 / 23'	4.4	6.0 / 23'	7.3 / 40
			346.0	345.9	345.2	344.7	343.5
84			3.9 / 40'	4.0 / 23	4.7	5.2 / 23'	6.6 / 40
			345.5	344.6	344.8	344.7	342.4
+50			4.4 / 40'	5.3 / 23	5.1	5.2 / 23'	7.5 / 40
			344.4	345.4	345.4	344.5	344.1
83			5.5 / 40	4.5 / 23'	4.5	5.4 / 23'	5.8 / 40
	349.90				349.90		

✓

Sta.					Lt			℄		Rt
+75	Power Pole	1.0' Rt of ℄								
					348.4		349.0	348.9 ✓	348.3	348.3
+50					9.2 / 40'		8.6 / 23'	8.7	9.3 / 23'	9.3 / 40'
TP	9.67	357.56	2.01	347.89			357.56			
					346.0	347.4	347.4	347.2	346.9	347.3
88					3.9 / 40'	2.5 / 30'	2.5 / 23'	2.7	3.0 / 23'	2.6 / 40'
					345.4		346.6	346.4	346.9	347.6
+50					4.5 / 40'		3.3 / 23'	3.5	3.0 / 23'	2.3 / 40'
					345.3		346.1	346.4 ✓	346.8	345.9
87					4.6 / 40'		3.8 / 23'	3.5	3.1 / 23'	4.0 / 40'
					345.2		346.1	345.5	346.6	346.4
+50					4.7 / 40'		3.8 / 23'	4.4	3.3 / 23'	3.5 / 40'
					345.3		345.9	345.7	346.0	345.2
86					Morning Fence 41' ; 4.6 / 40'		4.0 / 23'	4.2	3.9 / 23'	4.7 / 40'
		349.90						349.90		

Station						Lt			℄		Rt
+75 Power Pole 4' Rt of ℄											
						358.0		358.0	358.26	358.2	357.3
+87.06 BC Lt						10.2 / 40'	Marsh Fence 36	10.2 / 23'	9.92 / 6" Hub	10.0 / 23'	10.9 / 40'
TP	10.82	368.18	0.20	357.36					368.18		
						356.9	356.8	356.7	358.1	357.4	356.3
91						0.7 / 40'	0.8 / 23'	0.9 / 3'	+0.6	0.2 / 23'	1.3 / 40'
							355.9	355.2	355.5 ✓	355.3	354.1
+50							1.7 / 40'	2.4 / 23'	2.1	2.3 / 23'	3.5 / 40'
							353.5	353.4	353.5	353.0	352.6
90							4.1 / 40	4.2 / 23	4.1	4.6 / 23	5.0 / 40
							351.2	352.1	352.0	351.6	350.9
+50							6.4 / 40'	5.5 / 23'	5.6	6.0 / 23'	6.7 / 40'
							350.3	350.4	350.5	350.4	350.1
89							7.3 / 40	7.2 / 23	7.1	7.2 / 23'	7.5 / 40'
		357.56							357.56		

		Lt.		Rt.
		361.7	362.9	363.8 ✓ 362.5	363.7	363.3
+50		6.5 / 10'	5.3 / 23'	4.4	5.7	4.5 / 23'	4.9 / 40'
+18	Power Pole 30' Rt of ℄						
+06	Water Meter + Pump 33' Rt of ℄						
94		362.7	363.5	362.6	363.9	361.8	363.4
		5.5 / 10'	4.9 / 23'	5.6 / 16'	4.3	6.1 / 23'	4.8 / 40'
		363.0	363.2	362.2	363.6	363.2	364.6	362.5
+50		5.2 / 10'	Force / 27'	5.0 / 23'	6.0 / 16'	4.6	5.8 / 10'	3.6 / 23'	5.3 / 40'
		363.3	362.8	361.4	362.7	363.1	362.8
93		4.9 / 10'	5.4 / 23'	6.8 / 16'	5.5	5.1 / 23'	5.4 / 40'
		360.1	360.9	361.0	363.3	362.2	361.5
+50		8.1 / 10'	7.3 / 23'	7.2	4.9 / 16'	6.0 / 23'	6.7 / 40'
		358.9	359.5	359.7 ✓	358.8	358.6
92		9.3 / 10'	8.7 / 23'	8.5	9.4 / 23'	9.7 / 40'
	368.18			368.18		

+58 Tele Pole on ℄				
+50				
+17 Water Meter 10' Rt of ℄				
97				
TP	9.56	377.61	0.13	368.05
+50				
96				
+50				
95				
		368.18		

Lt. ℄ Rt

367.7 368.5 368.5 370.1 370.6
9.9/40' 9.1/23' 9.1 7.5/23' 7.0/40'

366.2 367.1 367.4 368.1 368.0
11.4/40' 10.5/23' 10.2 9.5/23' 9.6/40'

377.61

364.5 365.7 365.6 365.8 366.2 367.2
3.7/40' 2.5/35' 2.6/23' 2.4 2.0/23' 1.0/40'

363.0 364.9 365.0 364.8 364.9 365.8
Marine Fence 38' 5.2/40' 3.3/30' 3.2/23' 3.1 3.3/23' 2.4/40'

362.3 364.1 364.5 364.4 363.7 363.7 364.4
5.9/40' 4.1/30' 3.7/23' 3.8/5' 4.5 4.5/23' 3.8/40'

362.5 363.5 364.2 363.2 363.6 363.5
5.7/40' Marine Fence 32' 4.7/23' 4.0/5' 5.0 4.6/23' 4.7/40'

368.18

					Lt			℄		Rt
TP	12.39	388.35	1.65	375.96				✓		
					374.1	374.0	374.0	375.5	376.3	376.6
99					3.5 / 40'	3.6 / 23'	3.6 / 3'	2.1	1.3 / 23'	1.0 / 40'
					366.5	371.2	373.7	375.3		
+93.5 = ℄ Road to Marine Rifle Range Taken on ℄ Road					14.0 / 200'	6.4 / 100'	3.9 / 5'	2.3		
+93.5 Telg. Pole 32' Lt of ℄										
					372.4	372.7	372.2	373.6	374.2	375.3
+75 = Telg. Pole 10' Rt of ℄ 35' Lt. Mission Bell										
+50					5.2 / 40'	4.9 / 23'	5.4 / 3'	4.0	3.4 / 23'	2.3 / 40'
					373.2	372.7		371.4	370.1	369.9
+20 = Fence Cor 12' Rt of ℄										
98+02.08 Taken on ℄ Sorrento Road					4.4 / 200'	4.9 / 100'		6.2	7.4 / 100'	7.7 / 148 = Pt.
					370.2	371.1		371.4	372.4	373.0
98+02.08 = ℄ Sorrento Road					7.4 / 40'	6.5 / 23'		6.2	5.2 / 23'	4.6 / 40'
					369.0		369.6	370.67	370.8	371.5
97+72.36 F.C.					8.6 / 40'	Marine Fence 35	8.0 / 23'	6.94 on ℄ Hub	6.8 / 23'	6.1 / 40'
		377.61						377.61		

		Lt.		Rt
		381.4	382.9 / 383.1	382.9 / 383.9
102		7.0 / 40'	5.5 / 23' / 5.3	5.5 / 23' / 4.5 / 40'
+90	Telp Pole 14' Rt of ℄	381.7	382.0 / 382.8	383.1 / 383.1
+50		6.7 / 40'	6.4 / 23' / 5.8	5.3 / 23' / 5.3 / 40'
		380.2	380.4 / 380.6 / 381.6	382.1 / 382.5
101		8.2 / 40'	8.0 / 23' / 7.8 / 6' / 6.8	6.3 / 23' / 5.9 / 40'
+60	Water Meter out ℄	378.2	378.8 / 378.9 / 380.5	380.7 / 382.0
+50		10.2 / 40'	9.6 / 23' / 9.5 / 6' / 7.9	Wire Fence 14' / 7.7 / 23' / 6.4 / 40'
+20	Telp Pole 12' Rt of ℄	376.9	377.2 / 377.3 / 378.3	379.5 / 379.9
100		11.5 / 40'	11.2 / 23' / 11.1 / 6' / 10.1	8.9 / 23' / 8.5 / 40'
		376.0	375.6 / 376.1 / 377.3	378.2 / 379.1
99+50		12.4 / 40'	12.8 / 23' / 12.3 / 6' / 11.1	10.2 / 23' / 9.3 / 40'
	388.35		388.25	

						Lt		Rt
						3920	3936	3941	3955.3	3966.8
105						8.2 40.	6.6 23.	6.1	4.9 23.	5.4 40.
						3883	3911	3912	3922	3937
+50						10.9 40.	9.1 23.	9.0	8.0 23.	6.5 40.
						3862	3891	3891	3888	3895
104						13.7 40.	11.1 23.	11.1	11.4 23.	10.7 40
TP	12.41	400.20	0.56	38779				400.20		
+62	= Telp Pole 14' Rt of Σ					3859	3876	3876	3867	3874
+50						2.5 40.	0.8 23.	0.8	1.7 23.	1.0 40.
						3845	3859	3860	3841	3861
103						2.9 40.	2.5 23.	2.4	2.5 23.	2.3 40.
						3817	3839	3845	3833	3845
102+50						6.7 40.	4.5 23.	3.9	5.1 23.	3.6 40.
		38835						38835		

+27 = Telp Pole 22' Rt of ℄					
108					
+50					
+25 = Telp Pole 13' Rt Power Pole 50' Lt of ℄					
107					
+50					
106+03.9 ℄ BC Rt					
TP	8.79	108.88	0.11	100.09	
105+50					
		100.20			

Lt		℄		Rt	
402.2	403.1	402.3	402.0	403.8	403.8	405.0
6.7 40'	5.8 23'	6.6	6.8 8'	5.1 12'	5.1 23'	3.9 40'
402.0	402.3	401.9	401.9	403.8	404.4	405.0
6.9 40'	6.6 23'	7.0	7.0 3'	5.1 6.0	4.5 23'	Fence 3.9 25' 40'
401.5	401.4	401.3	402.4	403.5	404.7	
7.1 40'	7.5 23'	7.6	6.5 4'	Angle Fence 17'	5.4 23'	4.2 40'
398.9	399.6	399.3	400.7	403.1	405.1	
10.0 40'	9.3 23'	9.6 3'	8.2	5.8 23'	3.8 40'	
396.6	397.9	397.8	398.8	400.7	402.9	
12.3 40'	11.0 23'	11.1 3'	10.1	Fence 8.2 17' 23'	6.0 40'	
			408.88			
394.1	395.5	396.3		398.1	400.2	
6.1 40'	4.7 23'	3.9	Tele Pole 15'	2.1 23'	0.0 40'	
			400.20			

						Lt	℄	Rt	
B.M. Mag 103'N 288+51 Torrey Main Sob.			2.20	410.88	409.60 ✓	409.60 Should be 409.69			
TP	6.13	413.08	7.53	406.95					
TP	11.51	408.48	11.91	396.97	C.T.S. Bound Rose Canyon				
						396.10	396.36	396.73	397.08	397.31
109+59.34 : Ely Edge Paving Rose Canyon						12.78 40'	12.52 28'	12.15	11.80 28'	11.57 40'
+42 = Tel. Pole 25' Rt of ℄						399.6	399.8	399.2	399.0	400.2	400.8
+22 = Power Pole 25' Lt of ℄						11.3 40'	10.1 28'	9.7	9.9 12'	8.7 28'	Force Coil 35'	8.1 40'
+16.94 EC												
						398.5	399.6	399.9	399.6	401.2	401.2	401.5
109						10.4 40'	9.3 28'	9.0	9.3 10'	7.7 18'	7.7 28'	7.1 40'
						400.9	401.7	401.6	401.2	403.7	402.8	403.6
108+50						8.0 40'	7.2 28'	7.3	7.7 12'	6.2 17'	6.1 28'	5.3 40'
		408.88						408.88				

Miramar Road
Check Levels

C3
5-26-33

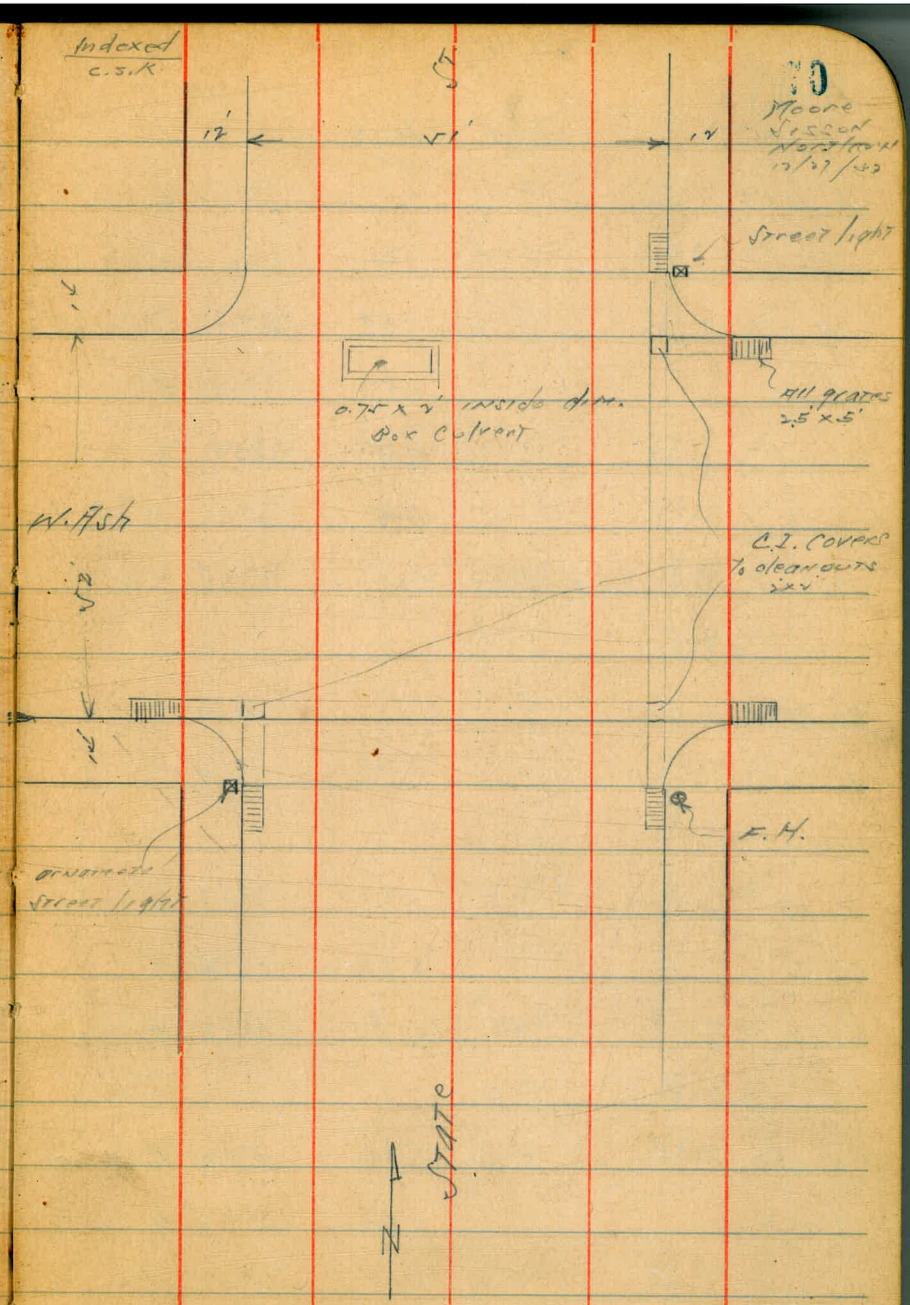
TP	2.375	326.03	6.685	323.655	
TP	0.283	330.34	1.266	330.057	
TP on Z Hub 50+85 7.80	0.405	342.717	10.30	342.312	342.39
TP	0.817	352.612	8.495	351.795	
TP	3.033	360.29	5.31	357.257	
TP on Hub 40+70	9.52	362.567	3.26	353.047	353.12
TP	5.22	356.307	2.385	351.087	
TP	4.047	353.472	7.01	349.425	
TP	3.470	356.435	5.852	352.965	
B.M. on 40' Tie Hub Lt. 22+15.85 EC	3.287	358.817		355.58	

TP	12.543	360.523	2.21	347.98	
on E.C. Hub 85+87.97			4.96	345.23	(345.29)
TP	4.62	350.19	1.707	345.57	
TP	8.457	347.277	0.63	338.82	
TP	1.685	339.45	6.19	337.765	
B.M. Spk. Post N. Pole 100' Rt 95+50	4.335	344.255	1.45	339.92	(340.03)
TP	8.195	341.37	0.765	333.175	
on Z Hub 65+40 39 EC			5.26	328.68	(328.78)
TP	8.74	333.94	0.83	325.20	
		326.03			

		1.10' lower			
BM Mon 103'W 288+51 Torrey Mesa Sub			2.00	410.79	(410.88) (409.50)
TP	8.84	412.79	4.155	403.95	
TP	11.235	408.105	8.067	396.87	on C.T.'s Bound Ross Canyon
TP	12.495	404.937	0.173	392.442	
TP	12.85	392.615	0.196	379.765	
TP	11.993	379.961	0.427	367.968	
TP	8.135	368.395	0.263	360.26	
07½ Hub 91+37.06 BC.H.			2.243	358.28	358.34
		360.523			

Levels on paving & Culverts
State & 17th

SWBP	11.72	42.16	30.44	Col. & 17th
100' S. of SL 17th				
		42.16		
W cb		5.32	36.84	✓
W gut		5.82	36.34	✓
⅓		4.83	37.33	✓
C		4.25	37.81	✓
⅓		4.19	37.97	✓
E gut		4.41	37.75	✓
E cb		3.67	38.49	✓
85' S				
E cb		3.85	38.31	✓
E. gut		4.52	37.64	✓
W gut		5.85	36.31	✓
W cb		5.17	3689	✓
83' S				
W gut in drive		5.80	3636	✓
E gut		4.59	37.57	✓
E cb		3.88	38.28	✓



42.16

72'S		42.16		
E gut in drive		4.66	3750	✓
1/4		4.45	3771	✓
C		4.69	37.47	✓
1/4		4.94	3722	✓
W gut in drive		5.84	3632	✓
cb + 4		5.15	3701	✓
W.L. ℄ Mach. Shop entrance		5.01	3715	✓
67'S				
W gut in drive		5.86	3630	✓
E " " "		5.72	3744	✓
66'S				
E gut in drive		4.73	3743	✓
W "		5.92	3624	✓
" cb Top		5.17	3699	✓
37'S				
W. cb		5.16	3700	✓
W gut		6.05	3611	✓
E " drive		5.13	3703	✓

42.16 71

32'S		42.16		
E cb Top		4.55	3761	✓
" gut		5.20	3696	✓
W gut drive		5.99	36.17	✓
25'S				
W.L. ℄ entrance to Lewis paint shop		4.89	3727	✓
+ 8		5.11	3705	✓
W gut drive		6.07	3609	✓
1/4		5.49	3667	✓
C		5.40	3676	✓
1/4		5.04	3712	✓
E gut		5.27	3689	✓
E cb		4.63	3753	✓
16'S				
E cb		4.66	3750	✓
gut		5.31	3685	✓
W gut drive		6.10	3606	✓
14'S				
W cb		5.21	3695	✓
gut		6.22	3594	✓

	+2.16			
	+2.16			
E cut	+.39	36.77	✓	
cb	+.68	37.18	✓	
S/S - Sedge grate				
E cb	+.76	37.40	✓	
cut top grate inlet	+.54	36.64	✓	
+7.5' " "	+.51	36.65	✓	
1/4	+.99	37.17	✓	
C	+.96	36.90	✓	
1/4	+.54	36.64	✓	
+10.5' grate inlet	6.19	35.97	✓	
W cut on grate	6.41	35.95	✓	
cb	+.14	37.07	✓	
S.L 18"				
W.L cor return	+.86	37.30	✓	
W. cb	+.11	37.05	✓	
" cut grate	+.79	36.37	✓	
" E.L. Culvert inlet	6.74	35.41	✓	
1/4	+.43	36.73	✓	
C	+.14	37.00	✓	
1/4	+.94	37.41	✓	

	+2.16			
	+2.16			
E top grate	+.54	37.61	✓	
E E.L. Culvert inlet	+.78	36.38	✓	
E top cb	+.77	37.39	✓	
E.L.	+.49	37.67	✓	
S cb 17"				
E.cb State top cleanout cover	+.79	37.37	✓	
" " E.L. " Junction	6.16	36.01	✓	
E. 1/4	+.72	37.44	✓	
C	+.80	37.36	✓	
1/4	+.11	37.05	✓	
W.cb. line 18" top cleanout cover	+.62	36.54	✓	
" " E.L Culvert Junction	6.91	35.75	✓	
S 1/4 18"				
W.cb State	+.12	37.04	✓	
1/4	+.82	37.33	✓	
C	+.59	37.57	✓	
1/4	+.39	37.77	✓	
E cb	+.34	37.82	✓	
E 18"				
E cb State	+.85	38.31	✓	

		4216			
25 1/4			42.16 / 4.08	3808	✓
C			4.27	3789	✓
1/4			4.39	37.77	✓
W cb grate			4.55	3761	✓
N 1/4 Ash					
W cb			4.23	3793	✓
1/4			4.10	38.06	✓
C			3.89	3827	✓
1/4			3.72	3844	✓
E cb			3.44	3872	✓
N cb Ash					
E cb Top cleanout Corner			3.09	3907	✓
" " F.L. " Junction			4.45	3771	✓
1/4			3.36	3880	✓
C			3.51	3865	✓
1/4			3.78	38.38	✓
W cb			4.14	3802	✓
N L Ash					
W cb Top			3.64	3852	✓
gut			4.15	3801	✓

		4216			
1/4			42.16 / 3.42	3874	✓ 70
C			3.21	38.95	✓
1/4			2.97	3919	✓
E cb Top grate			3.74	3842	✓
" FL Culvert inlet			3.94	38.22	✓
" Top cb			2.74	3942	✓
5' N of NL Ash					
E cb			2.69	3947	✓
E gut Top grate			3.46	3870	✓
1/4			2.91	3925	✓
C			3.07	3909	✓
1/4			3.30	3886	✓
W. gut			4.08	3808	✓
W cb			3.60	3856	✓
25' N of NL					
W cb			3.25	38.91	✓
gut			3.74	3842	✓
1/4			2.90	3926	✓ 2.74
C			2.75	3941	✓
1/4			2.70	3946	✓

42.16

	42.16		
E gut	3.1N	3904	✓
E cb	2.4N	3974	✓
40' N of NL ast			
E cb	2.19	3997	✓
gut	2.87	3979	✓
1/4	2.46	3970	✓
C	2.57	3959	✓
1/4	2.68	3948	✓
W gut	3.50	3866	✓
W cb	3.0N	3914	✓
EL STATE			
N cb top grate	2.75	3941	✓
" " FL. Culvert inlet	3.97	3819	✓
1/4	3.2N	3894	✓
C	3.70	3846	✓
1/4	4.27	3789	✓
S cb FL Cul. inlet	6.0	36.16	✓
" Top cb & grate	4.85	3731	✓
5' E of EL STATE			
S cb	4.75	37.41	✓

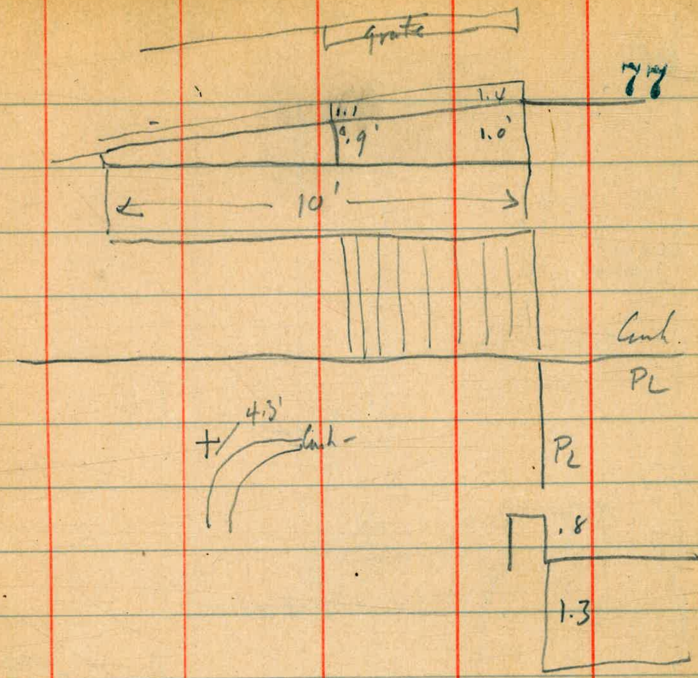
42.16

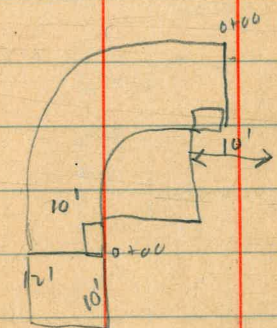
	42.16		
gut & grate	5.40	3676	✓
S 1/4	4.18	3798	✓
C	3.57	3859	✓
1/4	3.2N	3894	✓
N gut & grate	3.6N	3854	✓
N cb	2.73	3963	✓
25' E of EL State			
N cb	2.58	3958	✓
gut	3.41	3875	✓
1/4	3.11	3905	✓
C	3.2N	3894	✓
1/4	3.8N	3834	✓
S gut	4.75	3741	✓
S cb	4.26	3790	✓
35' E			
S gut & drive	4.66	3750	✓
N "	3.38	3878	✓
" cb	2.56	3960	✓
50' E of EL State			
N cb	2.50	3966	✓

		42.16			
			42.16		
N. gut			3.31	38.85	✓
1/4			2.94	39 22	✓
C			3.05	39.11	✓
1/4			3.53	38 63	✓
S gut & drive			4.38	3778	✓
1' W L State					
S cb			5.00	37.16	✓
S gut & grate			5.66	36 50	✓
S F.L. outlet to Culv.			7.01	35 15	✓
1/4			5.29	3687	✓
C			4.70	3746	✓
1/4			4.46	3770	✓
N gut			4.39	37.77	✓
N cb			3.55	3861	✓
35' W of W L State					
N cb			3.72	3844	✓
gut			4.47	3769	✓
1/4			4.51	3765	✓
C			4.71	3745	✓
1/4			5.29	3687	✓

		42.16			
			42.16		
S 1/4 + 11.5 top of wingwall			6.10	3606	✓
S gut F.L. Culvert			7.12	3504	✓
S top grate			6.19	3597	✓
S top cb			5.12	3704	✓
10' W of W L State					
S top cb			5.33	36 83	✓
S gut			7.17	3499	✓
cb + 2.5 end Culv. Apron			7.14	3502	✓
1/4			5.54	3662	✓
C			4.93	3723	✓
1/4			4.66	3750	✓
gut			4.69	3747	✓
N cb			3.94	38 22	✓
25' W of W L State					
N cb			4.32	3784	✓
gut			5.04	3712	✓
1/4			5.03	3713	✓
C			5.29	3687	✓
1/4			6.01	36 15	✓
S gut			7.17	3499	✓

	42.16		
S ct	5.85	3631	✓
40' W of W L State			
S top ct	6.30	3586	✓
gut	7.32	3484	✓
1/4	6.42	3574	✓
c	5.68	3648	✓
1/4	5.38	3678	✓
gut	5.49	3667	✓
N ct	4.75	3741	✓



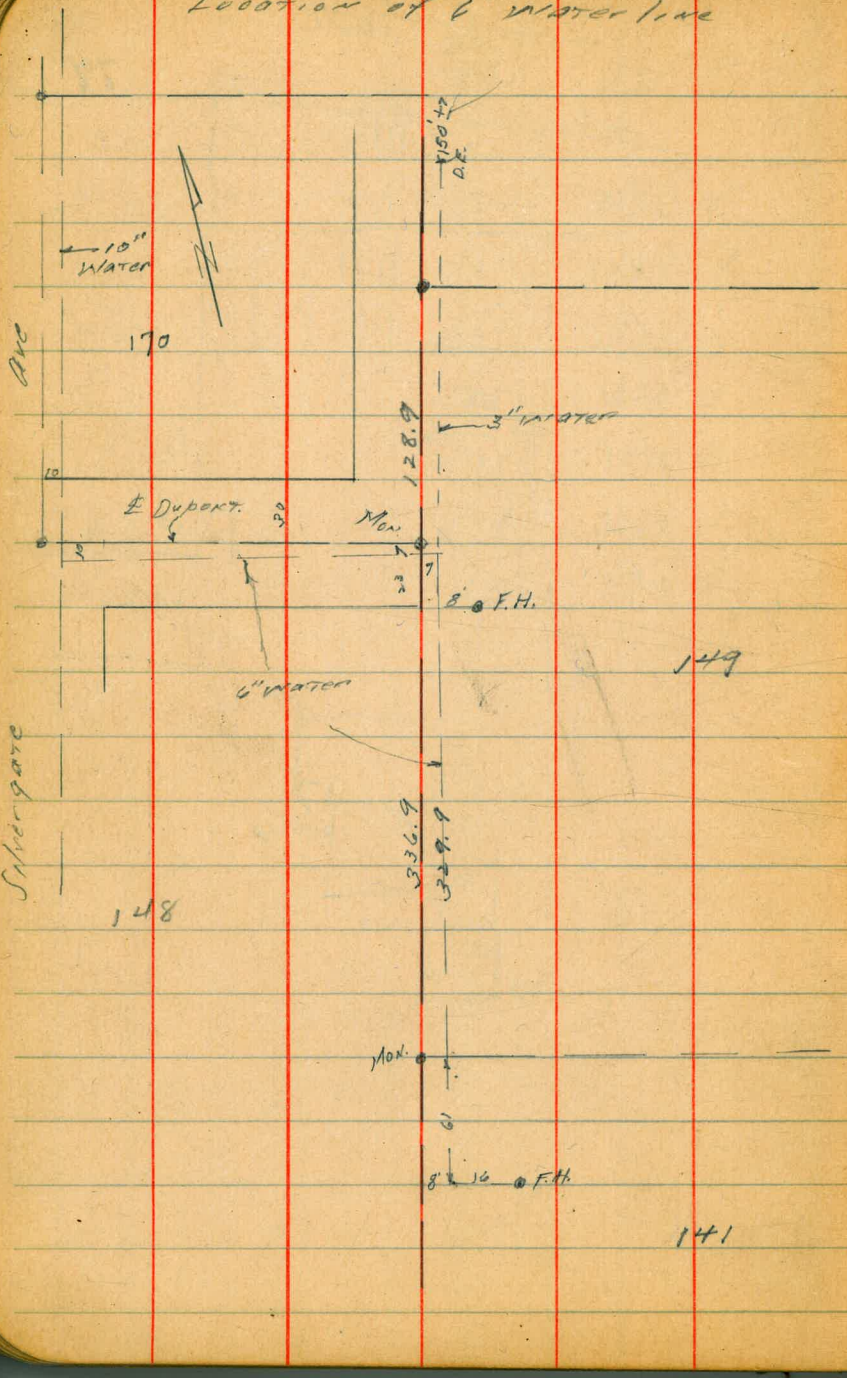


Location of 6" water line

Moore 1-5-38

Indexed C.S.K.

78



Pl. 1311

1-19-50 Survey Proposed Lease

Moore
Begg
Sherman
Crawford

Torrey Pines Drive Inn

Torrey Pines Road, 101 Highway

and Miramar Rd. Junction

W.O. 20006

INDEXED
WK
JAN 23 1950

• = Fd. Ld. C.T.

⊙ = Set City disk

⊡ = " " Con. Mon. Standard Brass Tablet

⊡ " 2"x2" RW Hub & disk

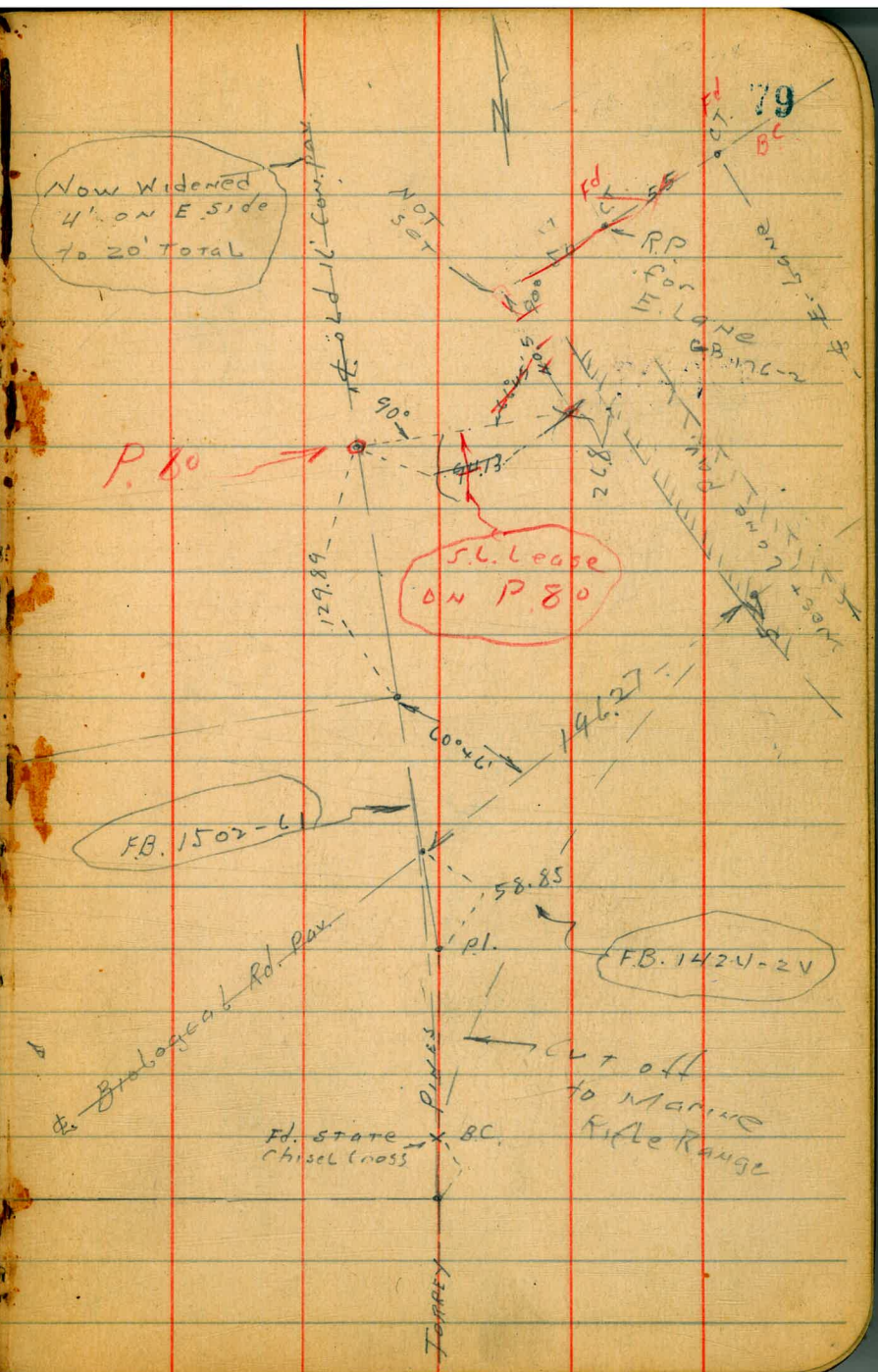
Ref Bks, 1424 - 24

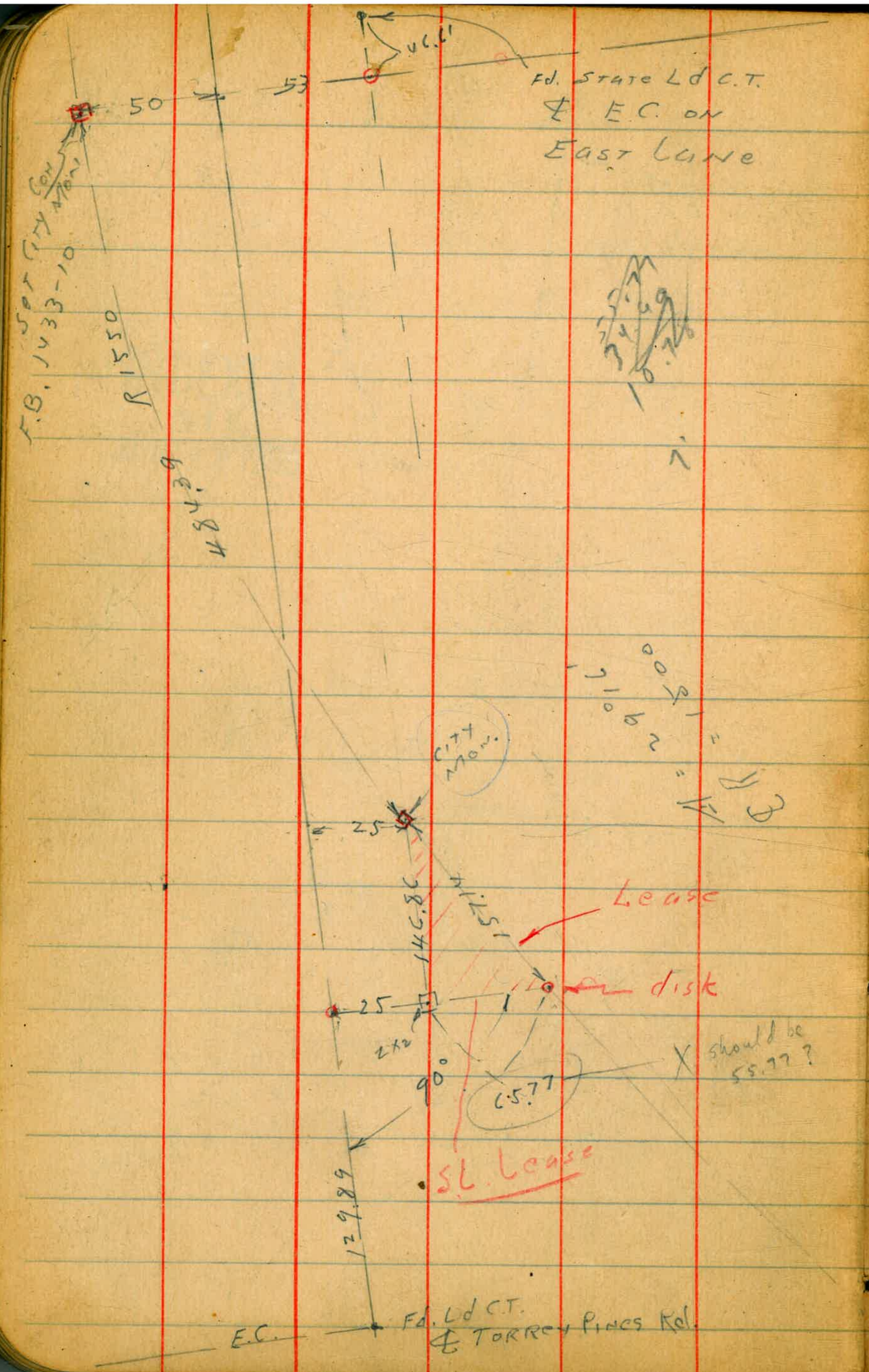
1675 - 26

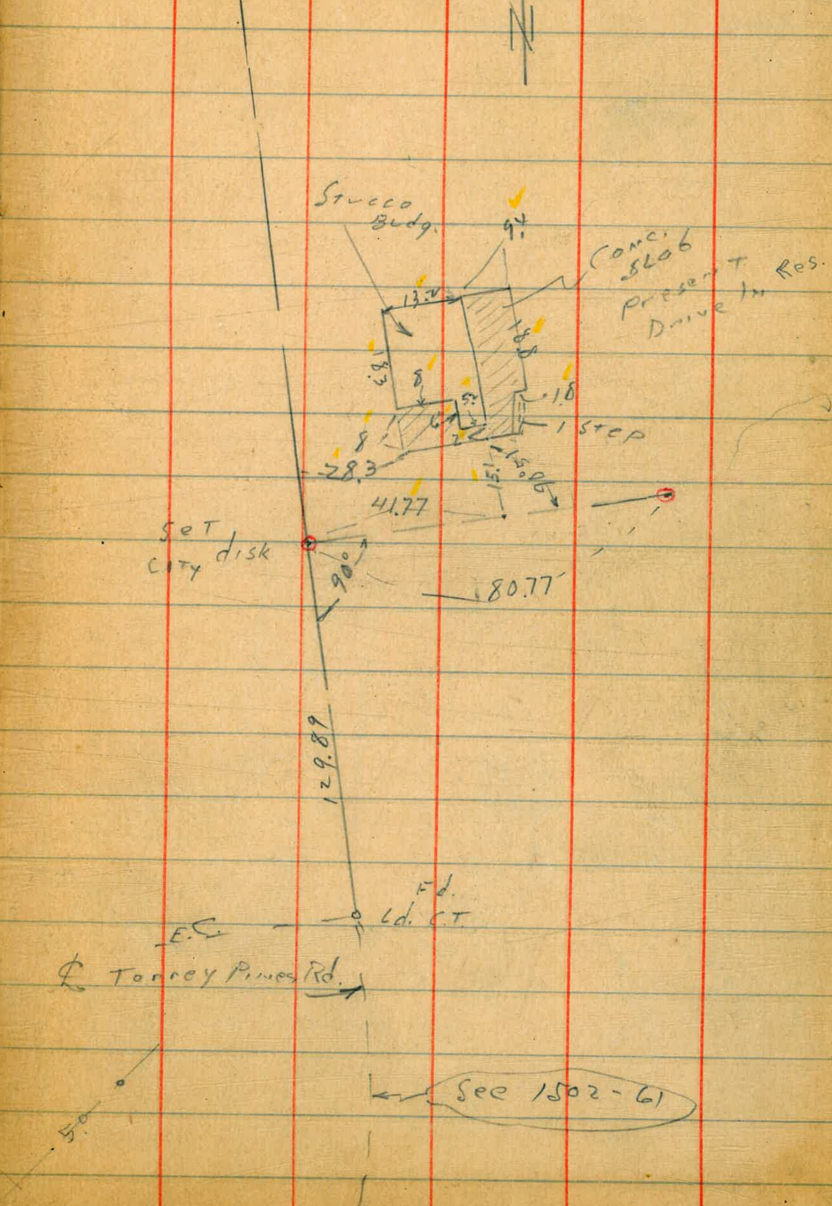
1149 - 74

1502 - 61

Gr. Bk 176 - 2

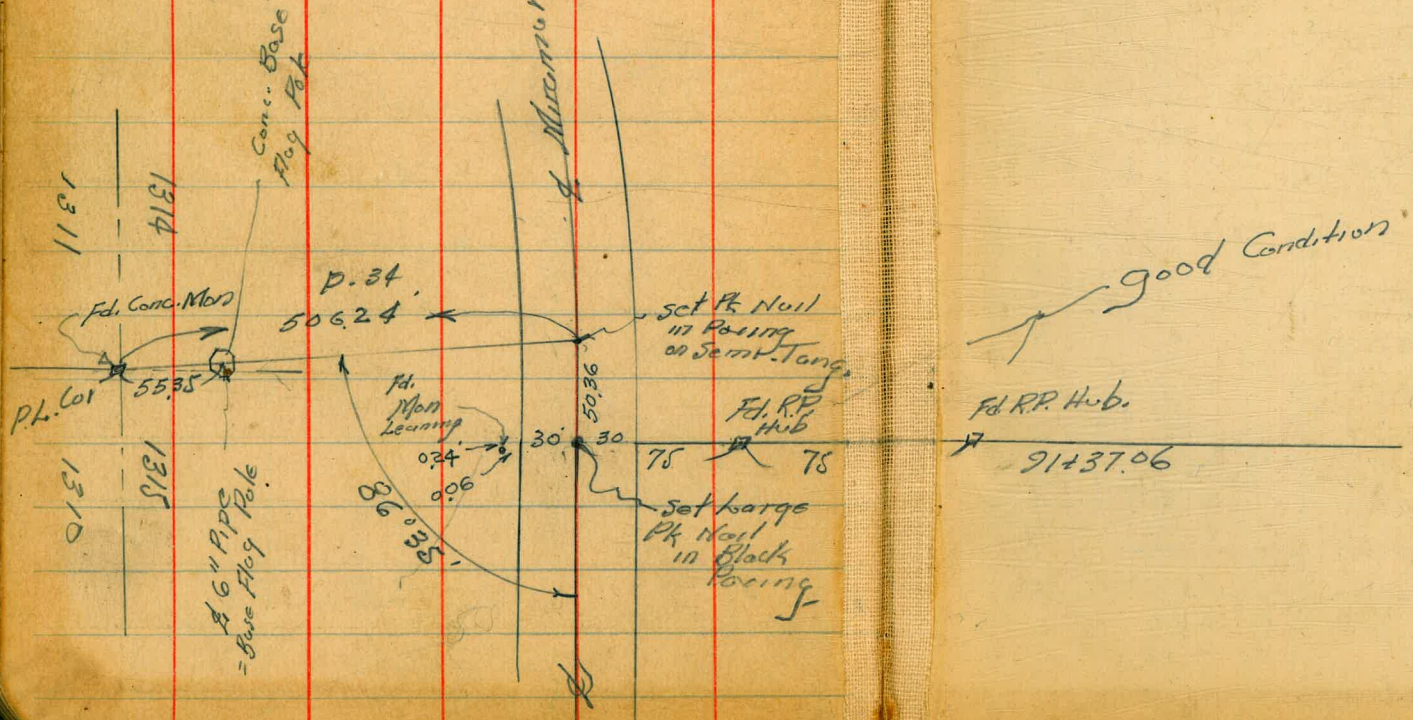



50
53
V.C.L.
Fd. State Ld C.T.
℄ E.C. on East Lane
F.B. 1433-10 Set City Con. Mon.
R 1550
484.39
City Mon.
25
140.80
151.71
Lease
disk
25
2x2
90°
65.77
X should be 55.77 ?
SL Lease
129.89
E.C.
Fd. Ld C.T.
℄ Torrey Pines Rd.


Stucco Bldg.
9.4
Conc. slab
Present Drive In Res.
13.4
18.3
8
8.8
18
1 Step
28.3
41.77
15.1
15.06
Set City disk
90°
80.77
129.89
Fd. Ld. C.T.
E.C.
℄ Torrey Pines Rd.
See 1502-61

81 Ties To Pl. Cor. 1310, 1311, 1314, 1315

Walker
Pope
Huffman
6-17-52



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ TO 1.

FOR SINGLE TRACK EMBANKMENT.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.