

W 227-A

-A

SAN VICENTE  
RESERVOIR

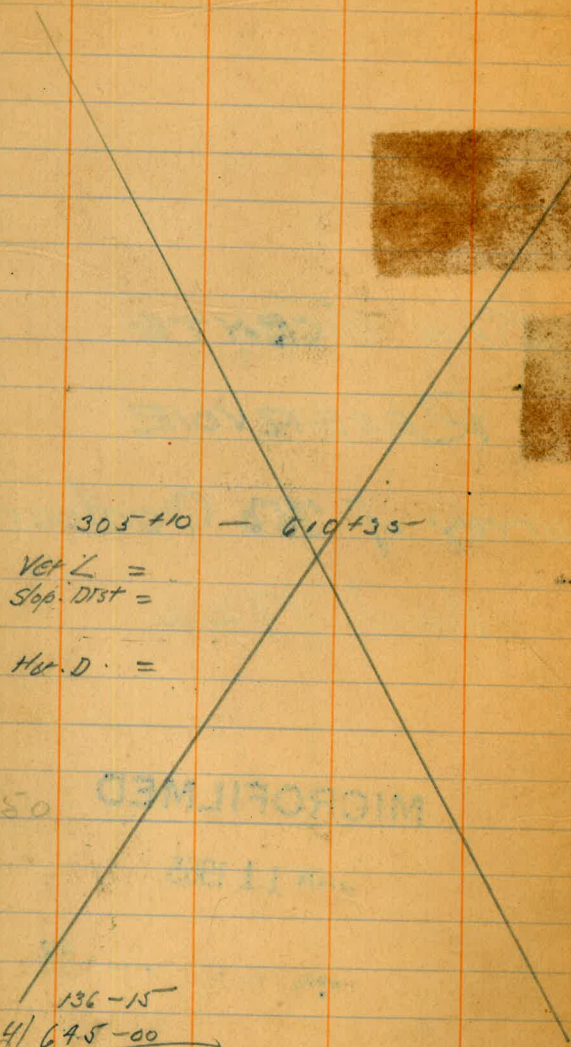
Survey of 750 Contour.

April 1926

MICROFILMED

JAN 11 1965

Sta.  $\Delta$  B.



305+10 — 610+35

Vert.  $\angle$  =  
Slop. Dist =

Hor. D. =

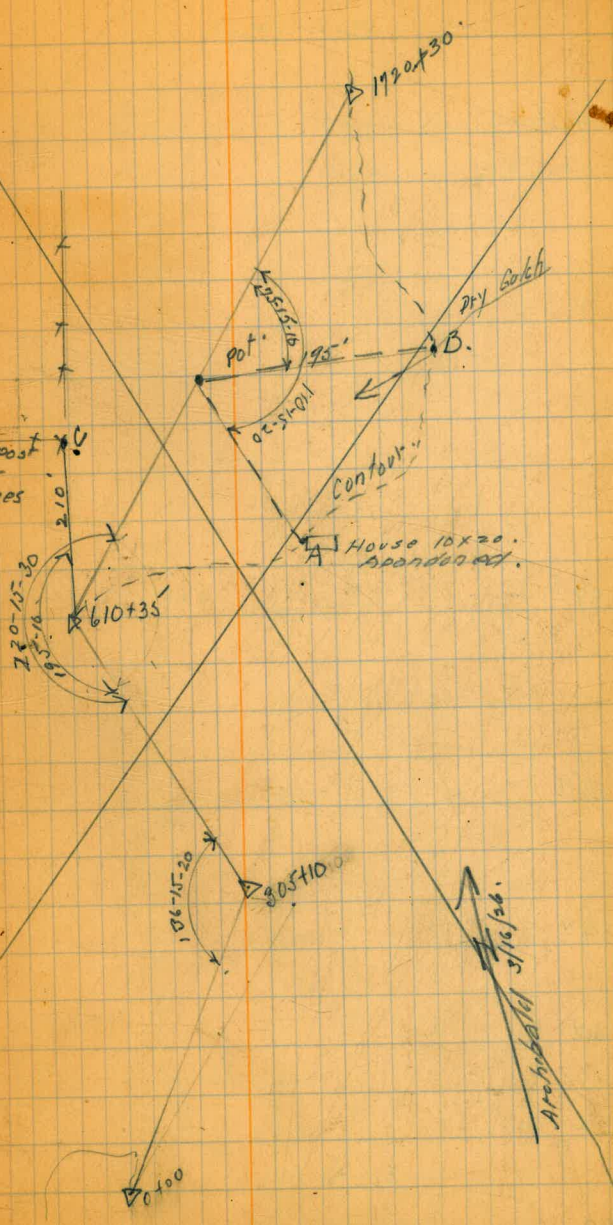
3+50  
B  
MICROFILMED

136-15

4 | 645-00

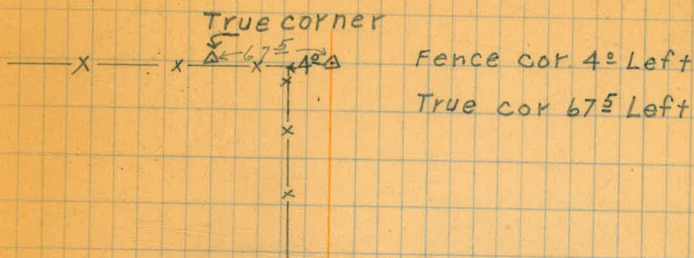
136-15

3 wire at post  
Fence  
So. boundary Jones  
Land



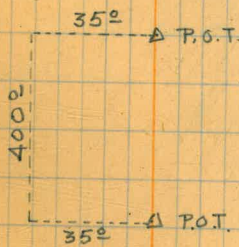
Bear. (Mag)

26+40<sup>7</sup>



San. B. Mer.

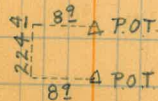
16+89<sup>9</sup>



12+89<sup>9</sup>

△ P.O.T.

8+89<sup>9</sup>



5+264

3+02<sup>e</sup>

South. (Mag)

0+00

□ Quarter cor.

T.14S. R.1E Sec.31. Sec.36. T.14S. R.1W.

March 26

G.W. Converse - chief-of-party  
McCarty - inst.  
Soper - head-chain  
Simpson - rear-chain

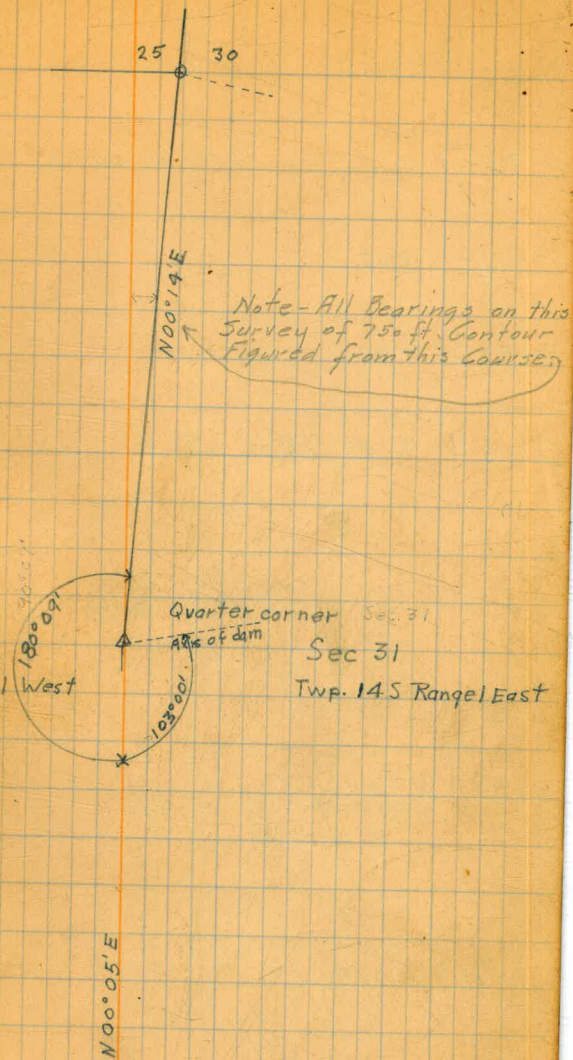
00°09'R to SE corner Sec. 25

Sec 36  
Twp. 14S Range 1 West

Quarter corner Sec 31  
Sec 31  
Twp. 14S Range East

Rancho El Cajon

Twp. 15S R 1 E



Mar. 27  
Mar. 29  
Mar. 30

G.W. Converse  
McCarty  
Soper  
Simpson  
Osborne - Mar 29-30

Check  
Line.

5+74<sup>88</sup>

750' Contour - Intersection of Axis

5+50<sup>92</sup> P.O.T.

4+55<sup>39</sup> P.O.T.

2+46<sup>91</sup> Right P.O.T.

0+00

3+92<sup>8</sup> W 3+92<sup>9</sup>

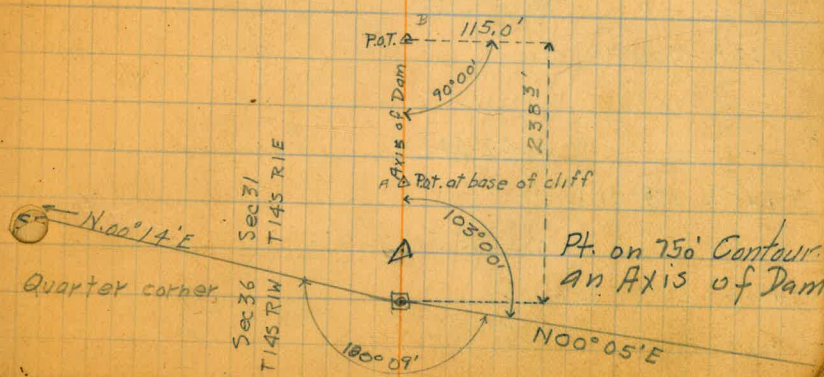
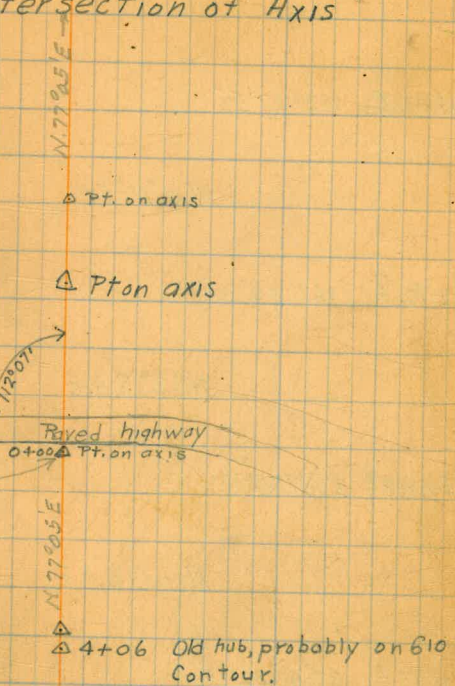
7+15<sup>5</sup> W 7+15<sup>7</sup>

7+84<sup>5</sup> W 7+84<sup>6</sup>

7+92<sup>15</sup>

9+53<sup>8</sup> W

Note. This point will  
Sta. 0+00 on Survey  
750 ft. Contour.



March 31  
 Traverse from 0+00 on Axis  
 of San Vicente Dam - to Establish  
 Control Points for 750 ft. Contour Survey.

24+50<sup>86</sup> 113° 27' 52"  
 25+50<sup>86</sup>  
 N. 0° 11.5' W

17+92<sup>7</sup> 116° 30' 08"  
 N. 63° 18.4' E

14+82<sup>3</sup> 233° 04' 30"  
 N. 10° 13.9' E

11+33<sup>2</sup> 204° 32' 15"  
 N. 14° 18.3' W

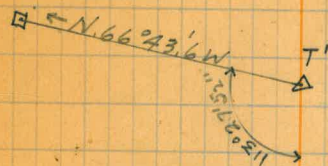
8+57<sup>6</sup> 208° 36'  
 N. 42° 54.3' W

5+15<sup>3</sup> 159° 21' 15"  
 N. 22° 15.5' W

0+00 99° 20' 30" R  
 0+00 577° 05' W

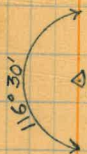
G.W. Converse - chief of party  
 McCarty - T  
 Soper - head-chain  
 Rublinger - rear-chain  
 Osborne - rear flag

SE. cor.  
 Sec. 25



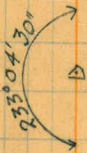
113° 28'  
 453° 51' 30"

116° 30' 30"  
 466° 00' 30"

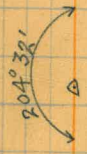


24+50.86  
 17+92.7  
 6+58.16

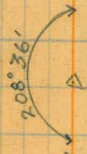
233° 04' 30"  
 92° 18'



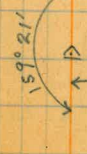
204° 33'  
 818° 09'



208° 36'  
 834° 24'

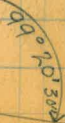


159° 22'  
 637° 25'



99° 20'  
 397° 22'

Axis of Dam  
 ← 5.77° 05' W



0+00 on 750 Contour  
 Survey.

74+26<sup>4</sup> = T<sub>4</sub>

N.62°03.1'W.

65+47<sup>9</sup> = T<sub>3</sub>

N.22°42'E

1006.4

55+41<sup>5</sup> Δ

N.53°10.8'E

1106.4

44+35<sup>10</sup> = T<sub>2</sub>

N.74°20.8'E

Apr. 1, 1925  
Dorridge  
McCarty  
Anderson  
Osborne

24+50<sup>86</sup> = T<sub>1</sub>

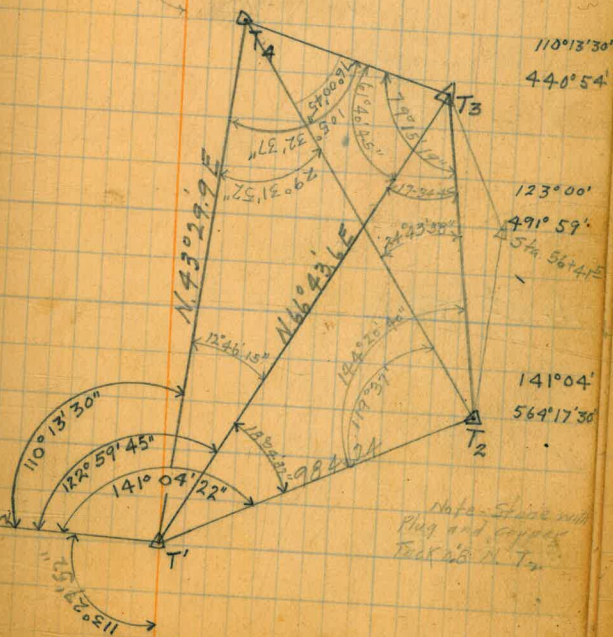
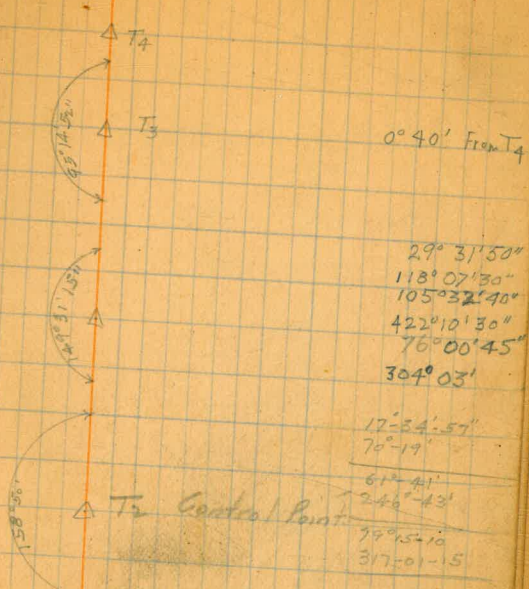
15-14-45  
2-29-30

18-31-10  
18-05'

153-50-10  
535-20-10

111°37'30"  
73°18'  
28°41'40"  
73-34-30  
104°21'  
577-22-40

SE Cor.  
25



Note - Splice with Plug and cap on back of N. T<sub>2</sub>

$$74+26^4 = T_4$$

$$65+47^9 = T_3$$

$\triangle T_4$  2x2x10, Red+White  
Flag, Top Large Rock, High  
Hill.  
+ 0.403  
[ ] 5.5 - 70+31<sup>9</sup>

66+47<sup>9</sup>  $\triangle T_3$  2x2x10, Red+White Flag,  
Top High Hill.

Flag



Traverse from  $T_2$  to establish  
Control Point in Sec. 25.

27440<sup>28</sup> - T5.

N72°13.6'W

14+61<sup>23</sup>

N75°09.6'W

78+24<sup>55</sup>

N66°43.6'W

24+50<sup>06</sup> - 0+00.

N0°11.5'W

171-34  
686-16  
66-58-45  
267-54-15

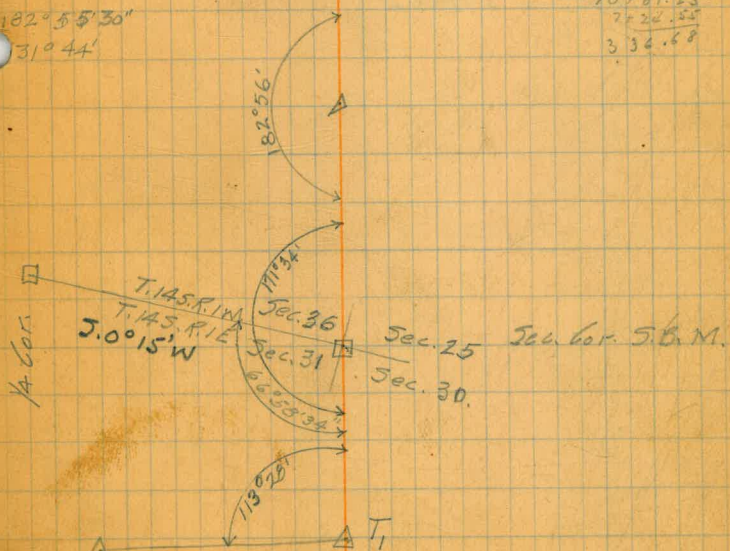
Converse - Inst.  
 M<sup>o</sup> Gerty - Hd. Chain  
 Anderson - Sp. Chain  
 Osborne - Axe.  
 Apr. 2, 1926.

21440.3  
 10 + 61.2  
 10 79.1

△ T<sub>5</sub> Control Point.  
 2X2X10. Red & White Flag

182° 55' 30"  
 31° 44'

10 + 61.33  
 7 + 28.55  
 3 32.88



Sta 174923

750 ft. Contour from Axis of Dam, South around Point of Hill.

10+25 <sup>61</sup>

S46°58'W

9+42 <sup>73</sup> 247°16'30"

S20°18.5'E

8+07 <sup>6</sup> 154°56'04"

S4°45.4'W

7+15 <sup>2</sup> 107°40'22"

3+92° P.O.T. S.77°05'W.

0+00

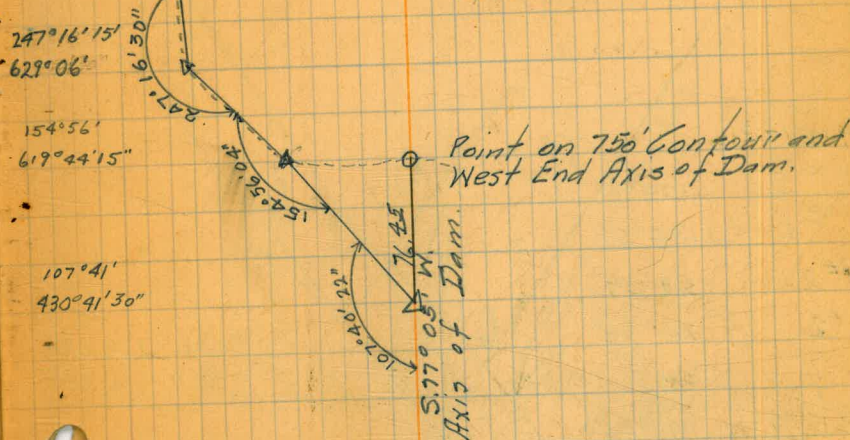
0+00

Converse - Chief  
McCarthy - Inst.  
Jones - Hd. Chain  
Anderson - Rr. Chain  
Osborne - Axe.  
April 3, 1926.

247°16'15"  
623°06'

154°56'  
619°44'15"

107°41'  
430°41'30"



Point on 750' Contour and West End Axis of Dam.

Axis of Dam.

Point on Axis of Dam 2 West County Highway.

Traverse of 750ft. Contour from  
West End San Vicente Dam Site  
around Proposed Reservoir

#6.  
9+81<sup>43</sup> Δ

#5 x 179°01'

#4 184°57'

#2 57°39'

#1 24°33'

#3.  
8+79<sup>13</sup> Δ 190°46'

7+15<sup>7</sup> Δ 259°23.5'

5.77°05'W

0+00

4.785	
4.210	
4.378	57.6
4.385	22.6
5.776	
5.338	32.9
5.205	
3.795	141.0
141.0	

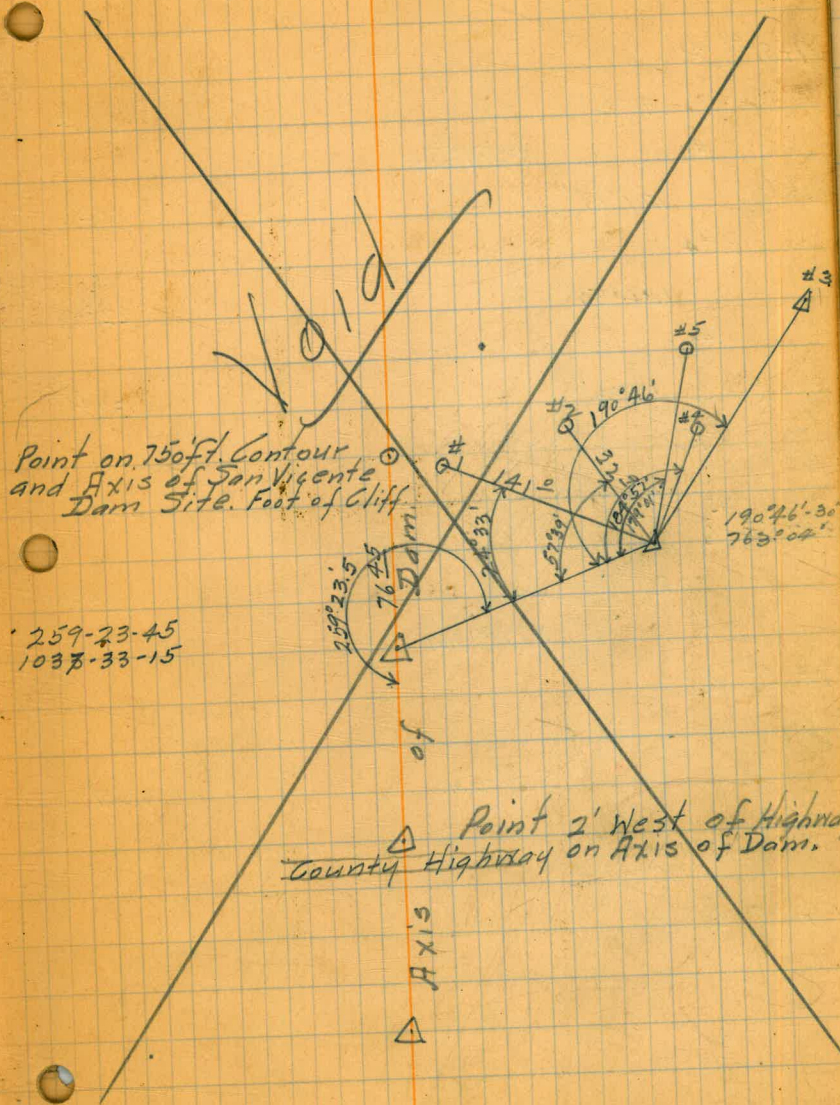
Point on 750ft. Contour  
and Axis of San Vicente  
Dam Site. Foot of Cliff

259-23-45  
1038-33-15

Point 2' West of Highway  
County Highway on Axis of Dam.

Axis

5.215



Traverse of 750 ft. Contour

Traverse of 750 ft. Contour from West End Axis of San Vicente Dam Site around Proposed Reservoir.

Sta. Angle Bearing Vert. Δ Slope Dist. Hor. Dist.

9+81<sup>43</sup> #6

190°46'

N12°43'5" W

102<sup>30</sup> ✓

#5

179°01'

57<sup>2</sup>

#4

184°57'

22<sup>6</sup>

#2

57°39'

32<sup>7</sup>

#1

24°33'

141<sup>2</sup>

8+79<sup>13</sup> Δ

259°23'5"

N23°31'5" W

163<sup>43</sup> ✓

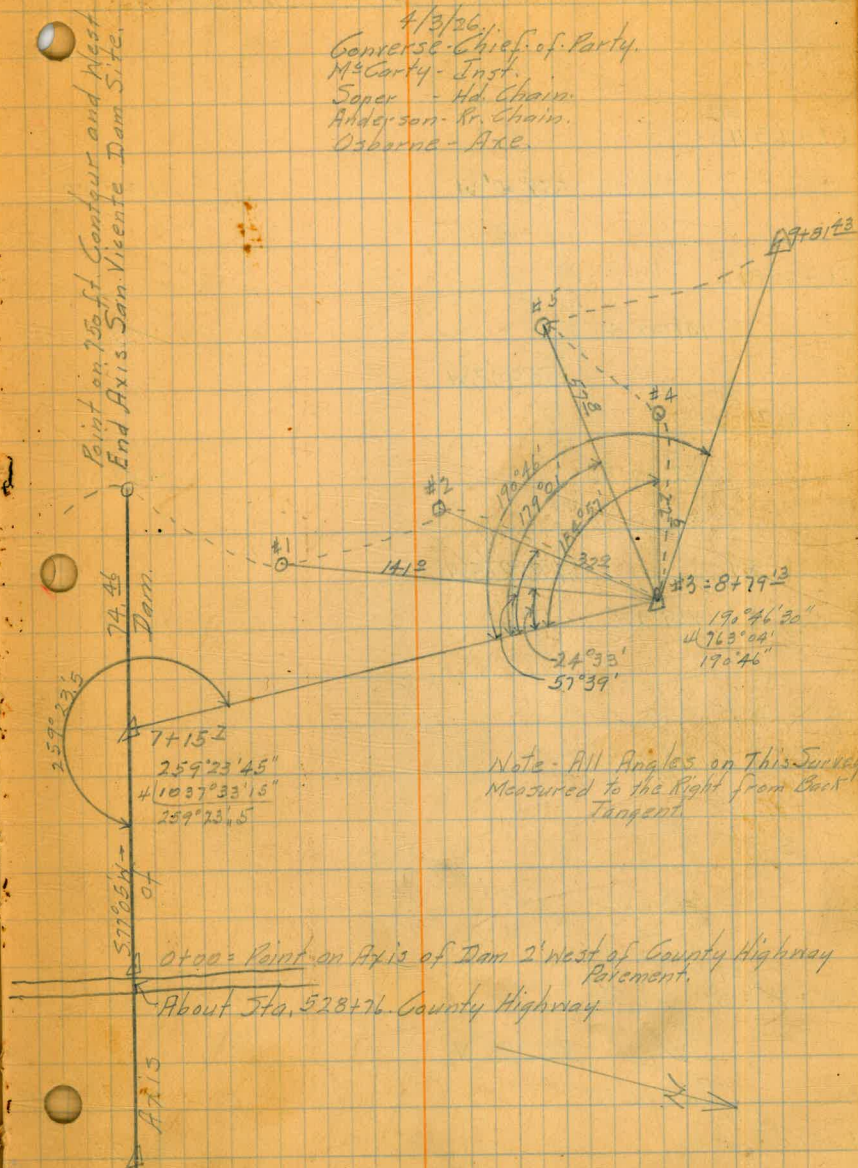
7+15<sup>20</sup> Δ

S27°05' W

715.7 ✓

0+00 Δ

4/3/26.  
Converse - Chief of Party.  
McCarthy - Inst.  
Soper - Hd. Chain.  
Anderson - R. Chain.  
Osborne - Axc.



Clear and hot

McCarty  
Saper  
Anderson  
Osborne

Brush and grass

Sta. Angle Bearing Vert. Δ Slope Dist. Hor. Dist.

#13  
17+63.71 Δ  
162°19'42" S58°00' W 147.90 ✓

#12  
16+15.82 Δ  
146°07'49" S75°40.3' W 129.10 ✓

#11  
14+86.71 Δ  
132°00'30" 405.65 ✓

#10  
129°10' N70°27.5' W

#9  
111°51' 0°30'

#8  
106°06' 3°24'

#7  
10+81.06 Δ  
170°17'30" N22°28' W 99.63 ✓

#6  
9+81.43 Δ  
170°17'30" N12°45.5' W

Apr. 23

Red.

5.91  
3

6.90  
5.12  
7.78

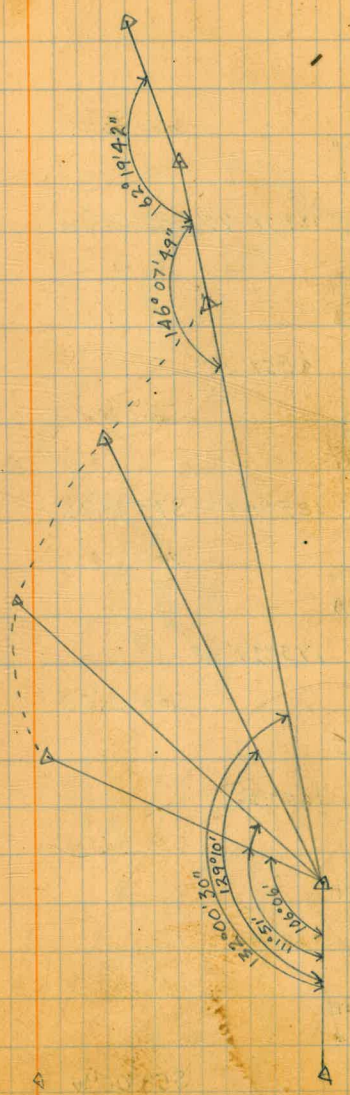
12.63  
11.37

162°19'30"  
649°78'50"

146°07'45"  
584°31'15"

132°00'30"  
528°02'

170°17'30"  
681°10'

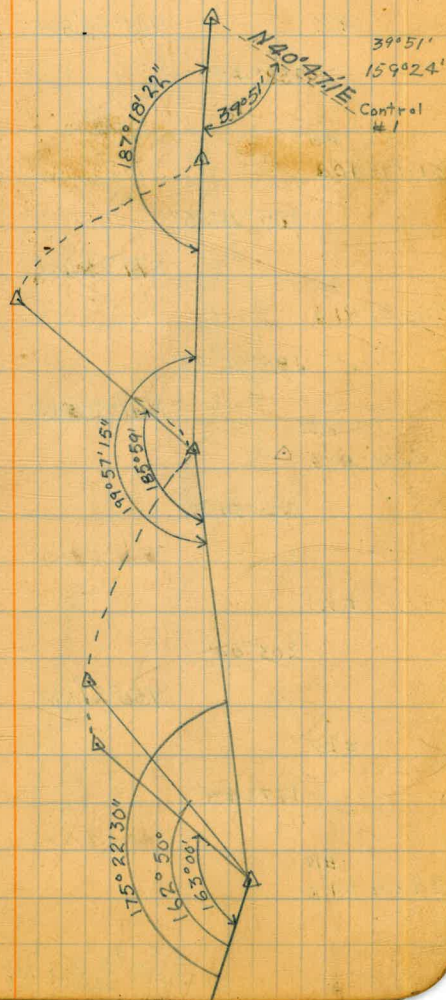


Brush and grass

Sta.	Angle	Bear.	Vert. Δ	Slopedist.	Hor. dist.	Rod
#19 24+11.24 Δ	187°18'22"	S80°38'1"W		111.08		
#18 23+00.16 Δ	199°57'15"			282.47		
#17	185°59'	S73°19.7"W				5.12 3.75
#16 20+17.69 A	175°22'30"	S53°22.5"W		253.98		
#15	162°50'					5.75 4.43
#14	163°00'					4.53 5.49 4.68
#13 17+63.71 Δ		S58°00'W				175°23' 701°30'

187°18'30"  
749°73'30

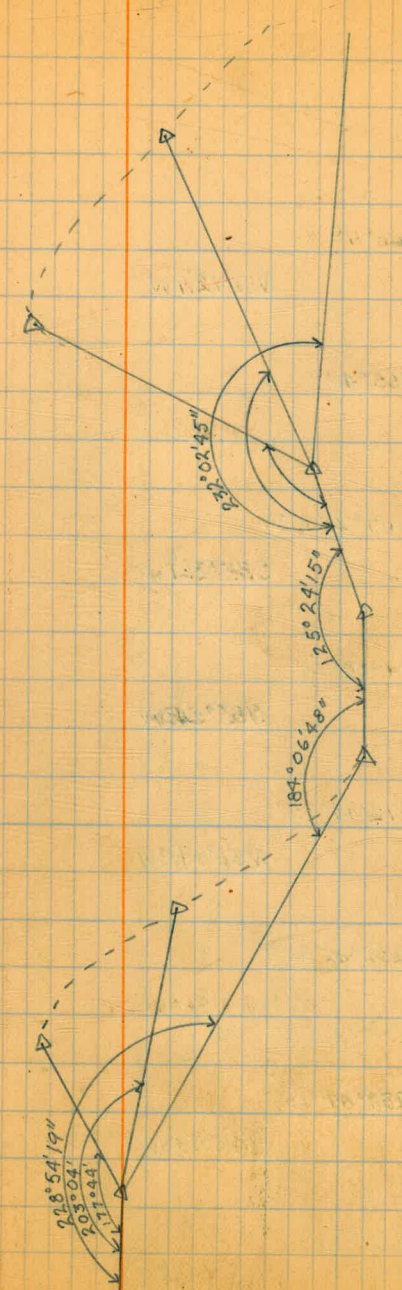
199°57'50"  
799°49'



Clear and hot

Brush

Sta.	Angle	Bear.	Vert. Δ	Slope Dis.	Hor. Dist.	Rod
#26	157° 00'		1° 45'			5.77 12.30 10.26 2.10
#25	158° 44'	N48° 53.8' W				4.11 5.77 4.01 1.76
#24						
31+15.40 Δ	125° 24' 15"	S79° 03.4' W		69.49		5.20 125° 24' 15" 4.01 501° 37' 00"
#23						
30+45.91 Δ	184° 06' 48"	N46° 20.8' W		115.42		184° 07' 736° 27' 10"
#22						
29+30.49 Δ	228° 54' 19"			519.25		Apr. 24
#21						
	203° 04'	N50° 27.6' W				6.54 3.18
#20						
	177° 4.4'					5.92 3.84 5.92 3.84
#19						
24+11.24 Δ	580° 38.1' W					228° 54' 19" 203° 04' 177° 4.4' 915° 37' 15"





Cloudy, cool

Brush

#34

166° 11'

N50° 12.9' W

#33

165° 41'

#32  
36+489.3 Δ

147° 41' 45"

S53° 36.1' W

78.86

#31  
35+70.07 Δ

141° 58' 30"

S85° 54.3' W

81.79

#30  
34+88.28 Δ

172° 49' 35"

N56° 04.2' W

99.53

#29  
33+88.75 Δ

232° 02' 45"

273.35

#28  
Δ

229° 04' 45"

N48° 53.8' W

#27  
#21

164° 36'

5.280  
4.280  
1.000

5.135  
4.393  
752

147° 42'  
590° 47'

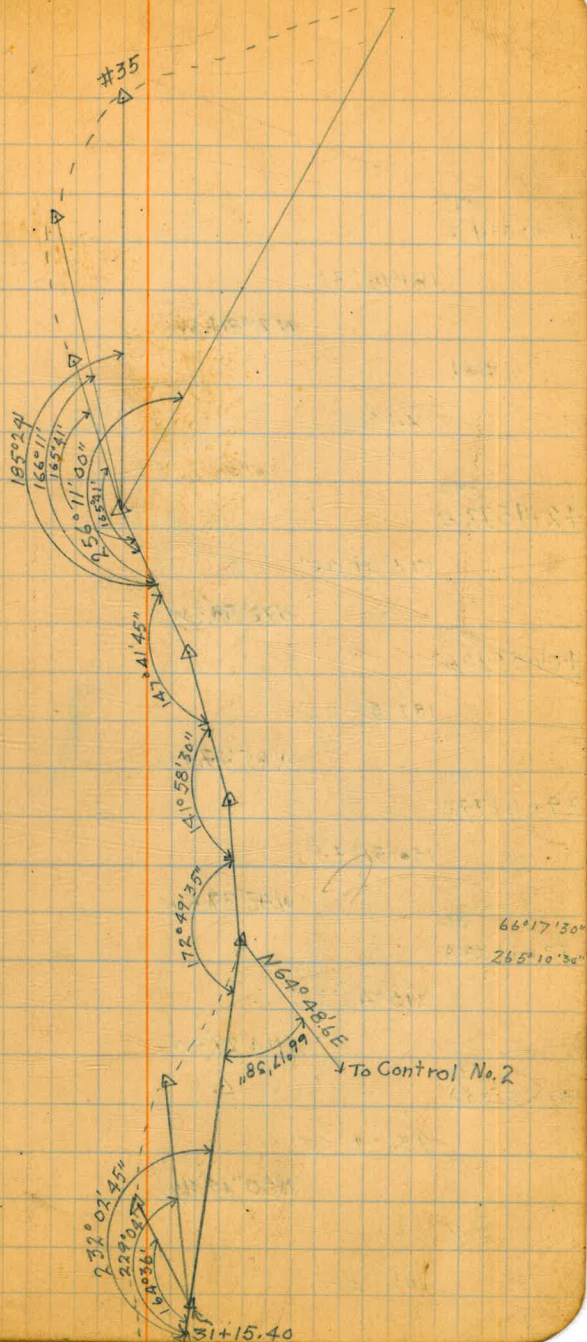
141° 59' 00"  
567° 54'

172° 49' 45"  
691° 18' 30"

Apr. 26

232° 03'  
928° 11'

6.12  
3.70  
2.42  
5.00  
4.03  
783



Brush

#42  
43+88.9/A

181°03'30"

N71°34.8W

92.69

#41

134°12'

3°20'

10.27  
9.40  
.67

#40  
42+95.72Δ

173°09'08"

N72°38.3W

210.62

173°09'30"  
672°36'30"

#39  
40+85.10Δ

157°50'22"

N65°47.4W

117.35

157°50'  
671°21'30"

#38  
39+67.75Δ

150°51'30"

N43°37.8W

125.37

150°51'30"  
603°26'

#37  
38+42.38Δ

215°43'38"

N14°29.3W

91.08

215°44'  
862°54'30"

#36  
37+51.30Δ

256°11'00"

N50°12.9W

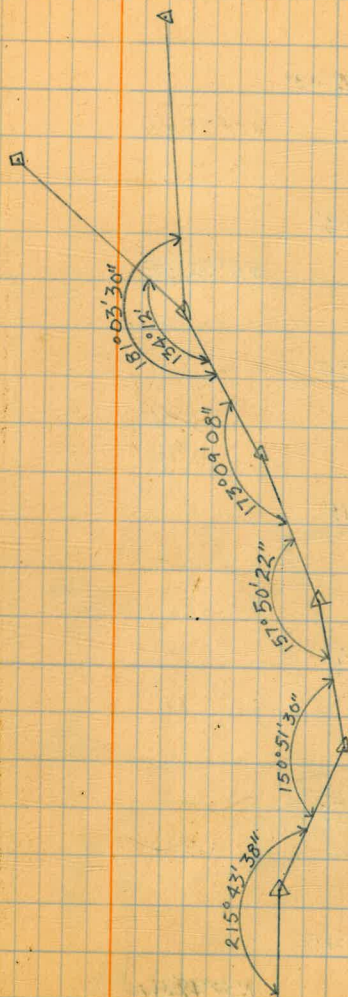
102.37

256°11'00"  
1024°44'

#35

185°24'

5.160  
4.350  
.810



Cloudy, cool

Brush and Grass

#49  
45+74.06 Δ

225°42'08"

123.45 ✓

225°42'15"

902°48'30"

#48

88°48'

5.330

4.167

1.163

N6°52'3E ✓

#47

90°30'

5.720

3.825

1.195

#46

88°11'

6.010

3.465

2.545

#45

87°57'

5.870

3.650

2.220

#44

55°25'  
(From #49)

5.365

4.095

1.270

#43  
94+50.61 Δ

212°45' ✓

62.20 ✓

212°45'

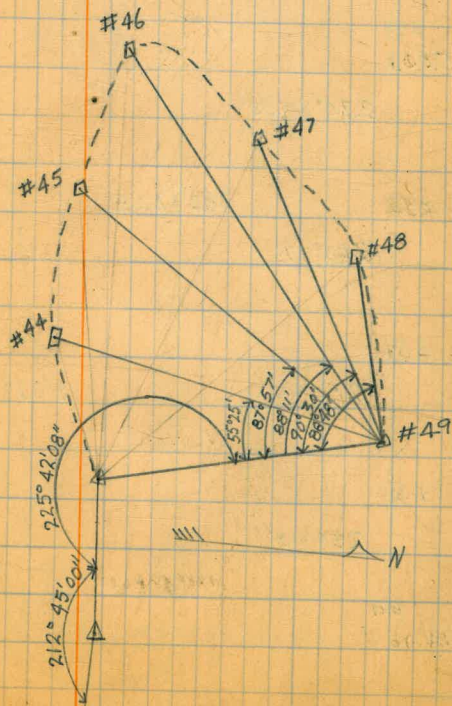
851°00'

#42  
43+88.41

N38°49'8W ✓

Apr. 27

N71°34'8W ✓



#56  
49+65.75A

181°15'00"

#55

S81°02'2E

173°06'

#54

158°06'

#53  
48+25.50A

270°50'30"

#52

S82°17.2E

260°17'

#51

252°01'

4°33'

#50

259°08'

#49  
45+74.06A

N6°52.3E

140.25 ✓

251.44 ✓

Gross

181°15'15"

725°00'00"

4.681

4.529

.152

4.527

4.342

.185

270°50'45"

1083°22'

5.263

4.194

1.069

12.600

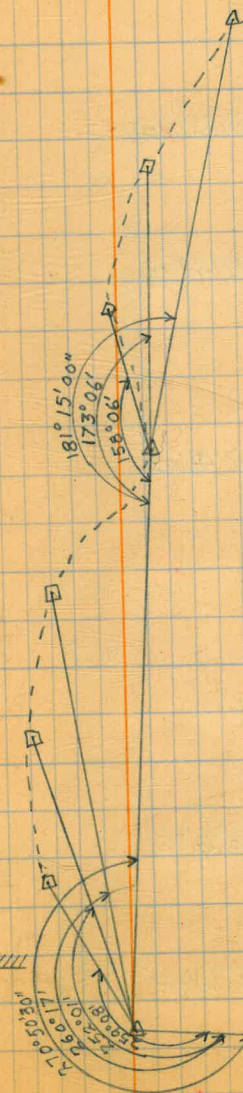
11.676

.924

5.145

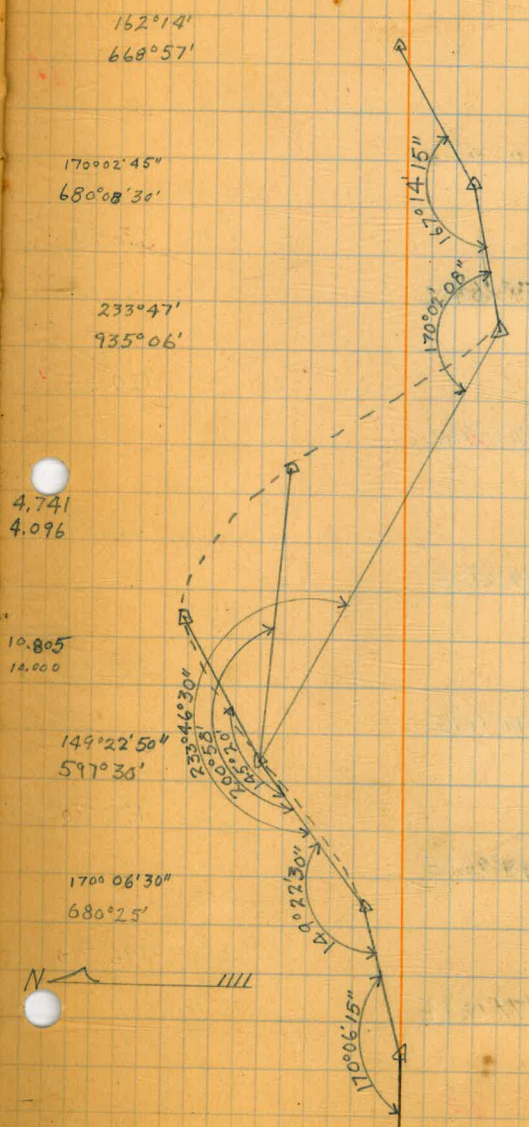
4.336

.809



#64 54+10.16Δ	167°14'15"	474.67
#63 55735.49 54+35.49Δ	N89°29'3E	162.90
#62 53+72.59Δ	170°02'08"	161.42
	S77°44'9E	
#61	233°46'30"	
	S67°47'0E	
	200°58'	
#60	145°20'	4°12'
#58=#59 52+11.17Δ	149°22'30"	83.11
#57 51+28.06Δ	N58°26'5E	
	170°06'15"	162.31
#56 49+65.75Δ	N89°04'0E	
	S81°02'2E	

Grass



68	#70			
67	+1715A	141°45'30"	✓	83.90 ✓
67	#69		N50°26.4W	
66	+33.25A	148°23'49"	✓	120.35 ✓
66	#68		N12°11.9W	
65	+129.0A	158°05'15"	✓	153.57 ✓
64	#67		N19°24.3E	
63	+59.33A	157°53'00"	✓	81.49 ✓
63	#66		N41°19.1E	
62	+77.84A	166°17'30"	✓	170.90 ✓
62	#65		N63°26.1E	
61	+06.94A	167°39'19"	✓	196.78 ✓
60	#64		N77°08.6E	
59	+10.16A		✓	
			N89°29.3E	

Brush and grass

141°45'30"  
567°02'

149°24'  
593°35'15"

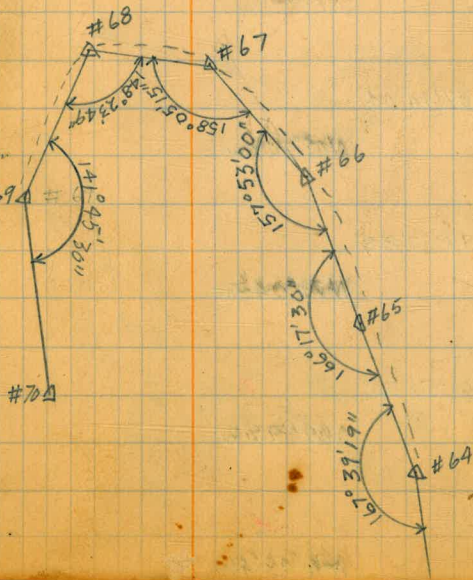


158°05'50"  
632°21'

157°53'  
631°32'

166°17'45"  
665°10'

167°40'  
670°37'15"



77	#77		
76 + 21.36 Δ		172° 35' 52"	117.31 ✓
		N 45° 32.9 E	
76	#76		
75 + 04.05 Δ		295° 17' 15"	293.00 ✓
		N 52° 57.0 E	
	#75		
		216° 38'	
	#74		
		165° 30'	
73	#73		
72 + 11.05 Δ		187° 44' 04"	243.32 ✓
		N 62° 20.2 W	
70	#72		
69 + 67.73 Δ		179° 27' 38"	Apr. 28 126.48 ✓
		N 70° 04.3 W	
69	#71		
68 + 41.25 Δ		160° 54' 30"	124.10 ✓
		N 69° 31.9 W	
68	#70		
67 + 17.15 Δ		N 50° 26.4 W	

Tall Brush

172° 36'  
690° 23' 30"

295° 17'  
1181° 09'

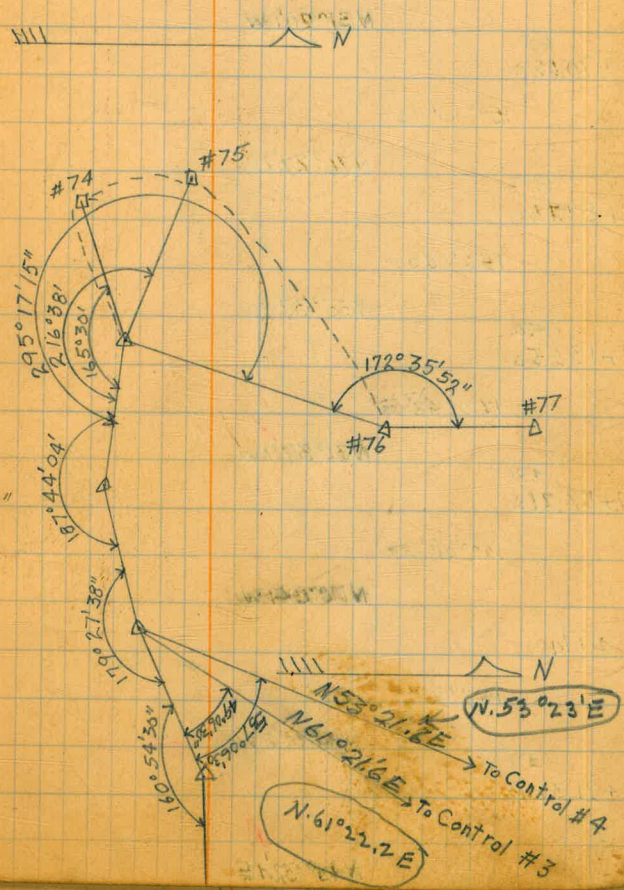
4.539  
4.390

4.564  
4.360

187° 44' 15"  
750° 54' 15"

179° 28'  
717° 49' 30"

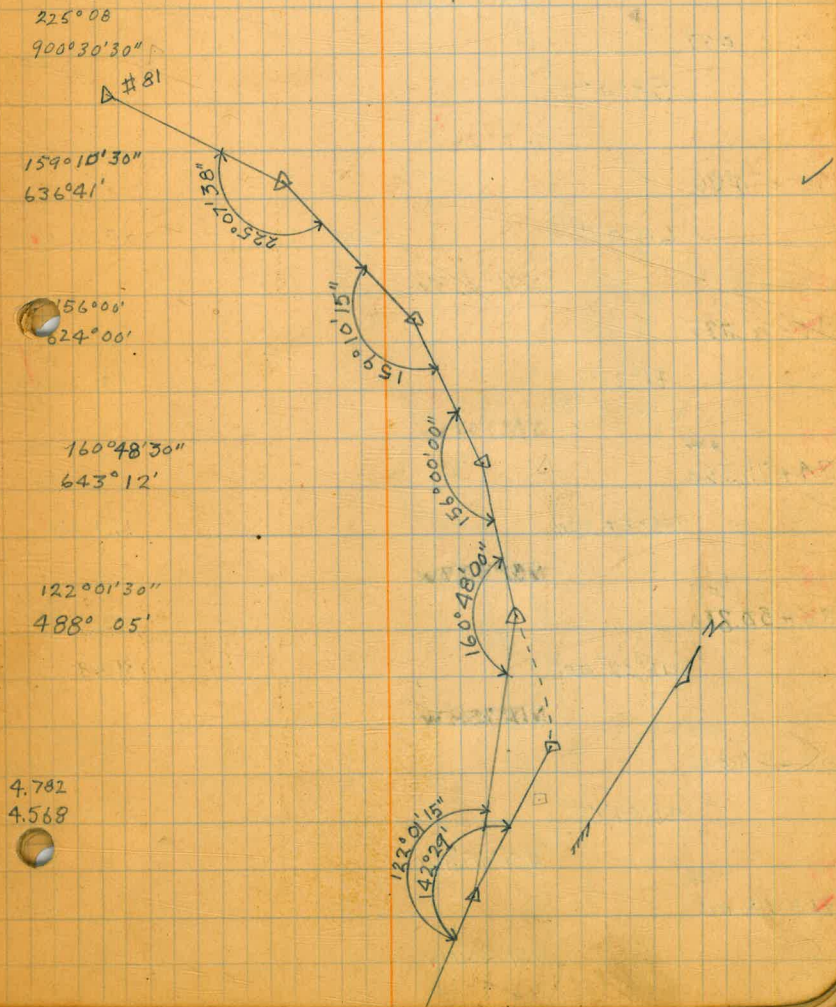
160° 55'  
643° 38'





82	#81		
81 + 73.00A		225° 07' 38"	102.38 ✓
81	#80	N 31° 20.1' W	
80 + 70.62A		159° 10' 15"	182.90 ✓
79	#79	N 76° 27.7' W	
78 + 87.72A		156° 00' 00"	74.07 ✓
79	#78a	N 55° 37.9' W	
78 + 13.65A		160° 48' 00"	81.44 ✓
78	#78	N 31° 37.9' W	
77 + 32.21A		122° 01' 15"	110.85 ✓
	#77a		
		142° 29'	
77	#77		
76 + 21.36 A			
		N 45° 32.9' E	
		143° 26.9' W	

Tall Brush



4.782  
4.568

Tall Brush

222°14'  
888°55'

4.86  
3.70

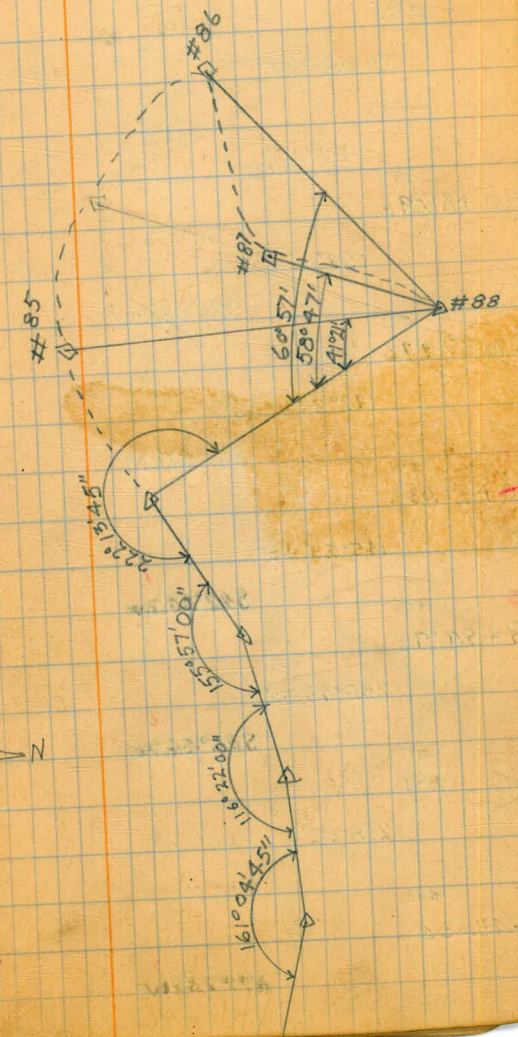
9.00  
7.57  
1.43

4.92  
3.64  
1.28

155°57'15"  
623°48'

116°22'  
465°28'00"

161°05'  
644°19'00"



87 #88  
86+43.63A

222°13'45"  
S84°17.5'W

172.07

#87  
58°47'

#86  
60°57' 1°35'

#85  
41°21'  
(From #88)

85 #84  
84+71.56A

155°57'00"  
S42°03.7'W 121.19

84 #83  
83+50.37A

116°22'00"  
83.57

83 #82  
82+66.80A

S66°06.7'W  
161°04'45" 93.80

82 #81  
81+73.00

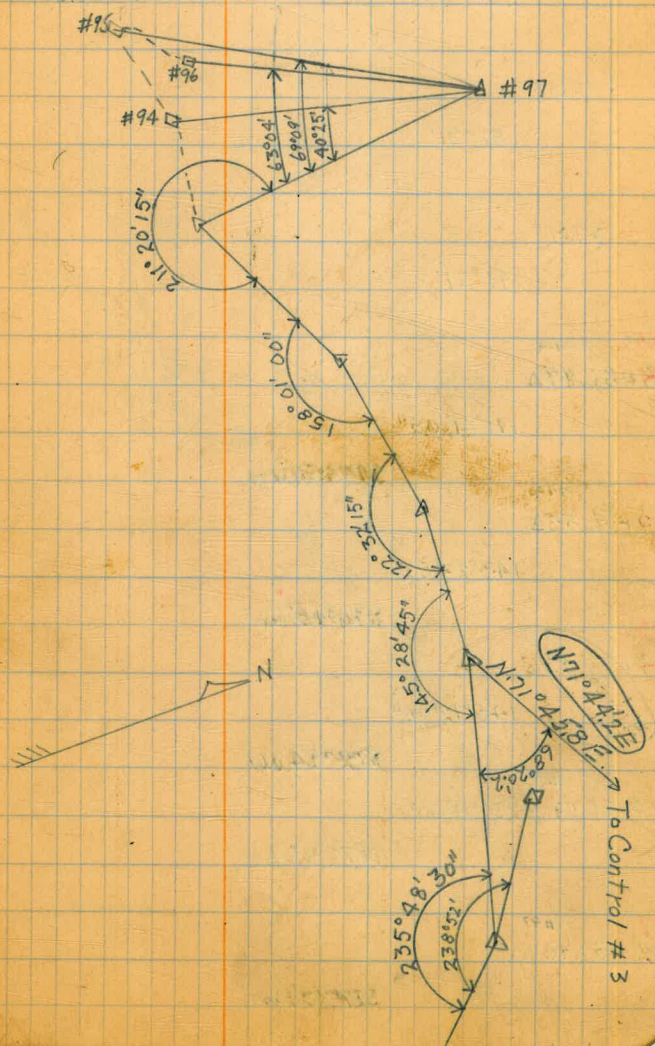
N50°15.3'W  
N31°26.1'W

Cool, cloudy  
Rain A.M.

Tall Brush

33	#97				
92	+39.98Δ				
	#96	211° 20' 04"		158.89	
		S57° 28' 1" W			
	#95	63° 04'		69.2	
		69° 09'	1° 46'	94.0	
	#94				
91	#93	40° 25'		79.5	
		(From #97)			
90	+81.09Δ				
		158° 01' 00"		113.82	
		S26° 08' 0" W			
90	#92				
89	+67.27Δ				
		122° 32' 15"		114.19	
		S48° 07' 0" W			
89	#91				
88	+53.08Δ				
		145° 28' 45"		63.89	
		N74° 25' 2" W			
88	#90				
87	+89.19Δ				
		235° 48' 30"		145.56	
		N39° 54' 0" W			
	#89				
		238° 52'		62.0	
87	#88				
86	+43.63Δ				
		S84° 17' 5" W			

211° 20' 15"  
845° 26' 15"



99

#104  
98+35.84A

253°57'45"

N78°02.5'W

148.91

#103

206°30'

1°20'

45.0

#102

181°31'

44.5

#101

191°21'

1°47'

25.5

97

#100A  
96+86.93A

171°41'08"

S27°59.7'W

130.38

96

#100  
95+56.55A

143°23'52"

S36°18.6'W

124.22

95

#99  
94+32.33A

145°12'08"

S72°54.7'W

80.64

94

#98  
93+51.69A 230°14'30"

N72°17.4'W

111.71

93

#97  
92+39.98A

S57°28.1'W

Tall Brush

253°58'  
145°51'

A #104

#103

#102

#101

#100 A is not on contour

41'30"  
66°44'30"143°24'00"  
573°35'30"145°12'00"  
580°48'30"230°14'  
920°58'

Tall Brush

103 #112  
102+59.21Δ

201°00'30"

N53°51.7'W

149.38

201°01'  
204°02'

#111

80°53'

64.8

#110

76°20'

85.0

#109

70°03'  
(From #112)

84.0

102 #108  
101+09.83Δ

194°39'45"

N74°52.2'W

219.24

178°39'

#107

181°56'

74.0

#106

166°52'

4°09'

64.0

99 #105  
98+90.59Δ

168°30'30"

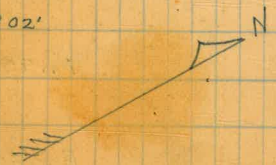
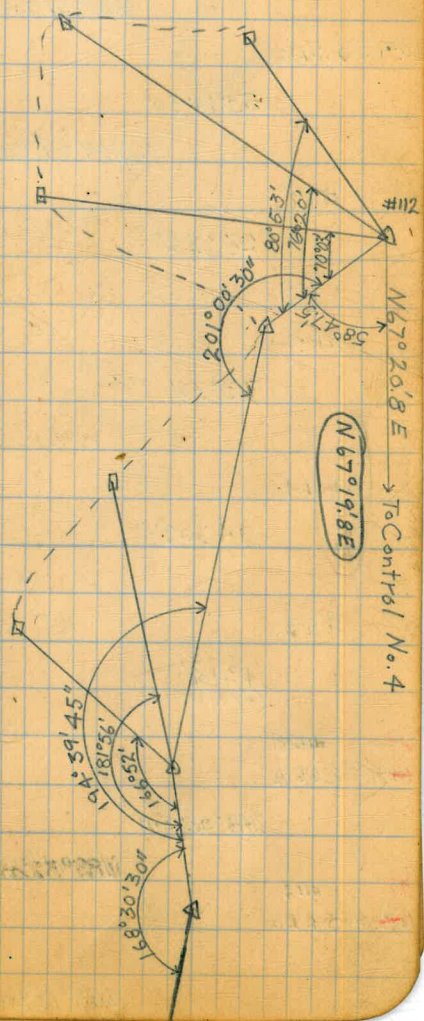
N89°32.0'W

54.75

168°30'30"  
674°02'

99 #104  
98+35.84Δ

N78°02.5'W



Cool, cloudy  
Rain H.M.

Brush

107 #118  
106+56.34A

162°57'15"

117.78 ✓

106 #117  
105+38.56A

N31°37.5'W

153°14'30"

201.90 ✓

N14°34.7'W

#116

23°22'

70.2

#115

23°32'

86.0

#114

14°09'

100.5

#113

1°44'  
(From #117)

163.5

104 #112H  
103+36.66A

246°02'30"

77.45 ✓

N12°10.8'E

103 #112  
102+59.21A

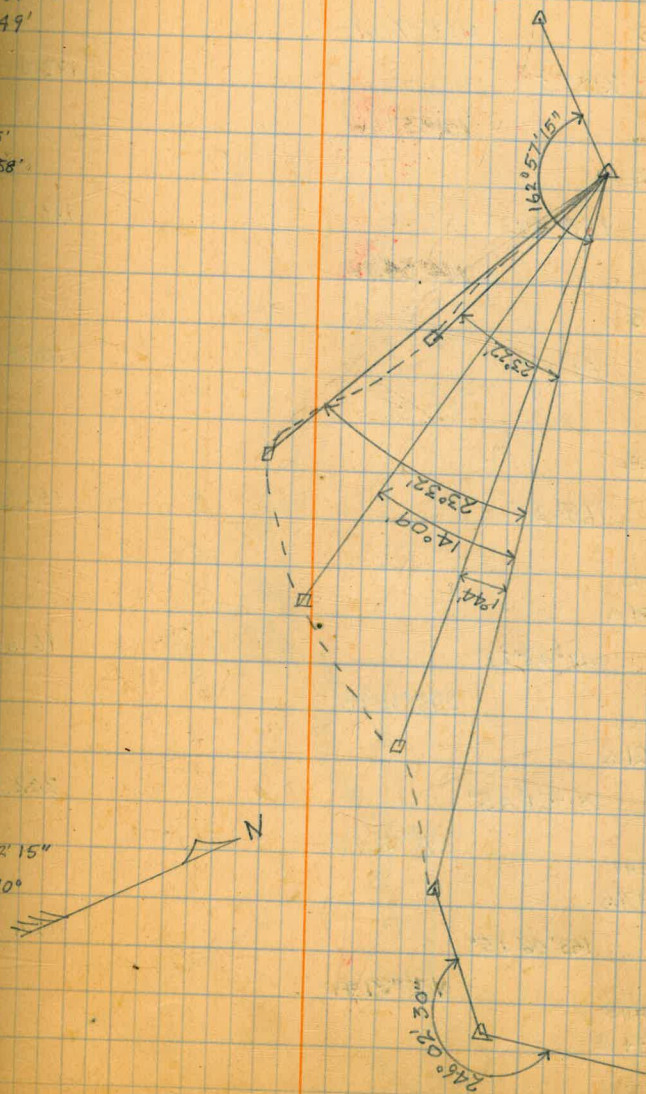
N53°51.7'W

Apr. 30

162°57'45"  
651°49'

153°15'  
612°58'

246°02'15"  
984°10"

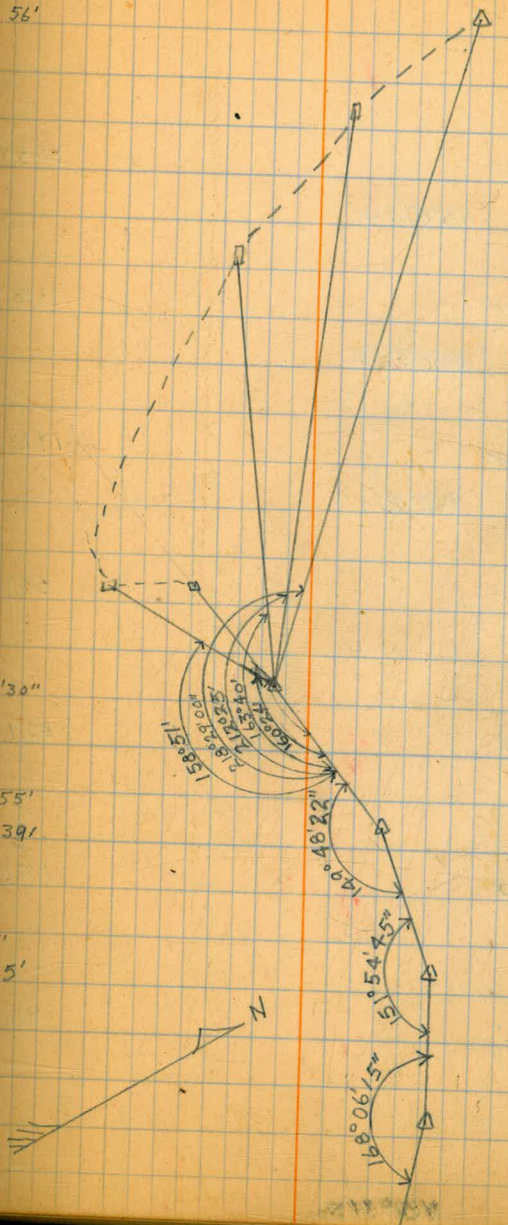


Brush

114	#126		
113	+59.61A	218° 29' 00"	279.80
	#125	N63° 19' 1W	192.0
		212° 25'	
	#124		166.0
		163° 40'	
	#123		180.0
		158° 51'	
	#122		156.5
		160° 24'	
	#121		96.60
	110 + 79.81A	149° 48' 22"	
		S78° 11.9' W	
110	#120		202.24
	109 + 83.21A	151° 54' 45"	
		N71° 36.5' W	
108	#119		124.63
	107 + 80.97A	168° 06' 15"	
		N43° 31.3' W	
107	#118		
	106 + 56.34A	N31° 37.5' W	

128° 30'  
873° 56'

149° 49'  
599° 13' 30"  
151° 55'  
607° 39'  
168° 07'  
672° 25'



Brush

127 #139  
126+26.18 Δ

123°42'45"

250.72 ✓

124 #138  
125+75.46 Δ

N26°22.7'W ✓

160°01'30"

75.48 ✓

123 #137  
122+99.98 Δ

N29°54.5'E ✓

236°50'56"

289.97 ✓

N49°53.0'E ✓

#136

222°39'

248.5

#135

193°25'

113.0

#134

160°25'

91.0

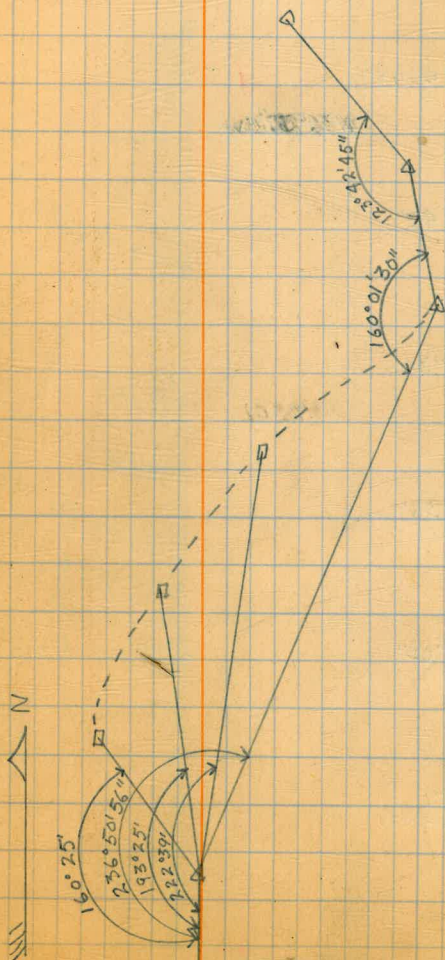
121 #133  
120+10.01 Δ

N6°57.9'W ✓

123°43'  
494°51'

160°01'15"  
640°06'

160°51'  
147°23'45"





129 #145  
128.98.06 Δ

173°45'15"

N32°37.5'W

#144

99°42'

#143

46°36'

#142

18°36'

#141

22°05'

2°05'

174.5

#140

16°31'  
(From #145)

1127 #139  
126+26.18 Δ

N26°22.7'W

271.88 ✓

11.2

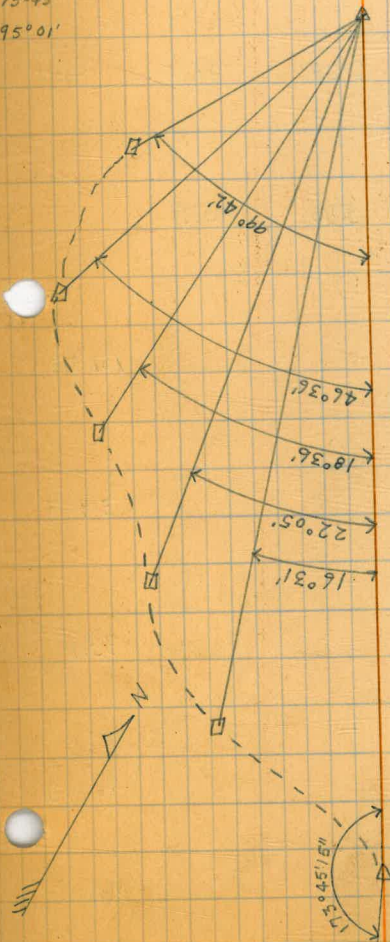
24.9

149.0

180.5

Brush

173°45'  
695°01'



Cool, Cloudy  
Rain AM.

134 #152  
133 + 15.09 Δ

191° 21' 38"

#151

N1° 31.2' W

218.57

191° 40'

172.0

#150

177° 51'

6° 25'

96.5

#149

184° 50'

5° 10'

65.5

131 #148  
130 + 96.52 Δ

157° 26' 15"

N13° 12.8' W

151.53

#147

67° 37'

39.0

#146

24° 12'  
(From #148)

38.1

130 #145A  
129 + 44.99 Δ

221° 58' 30"

N9° 21.0' E

46.93

129 #145  
128 + 98.06 Δ

N32° 37.5'

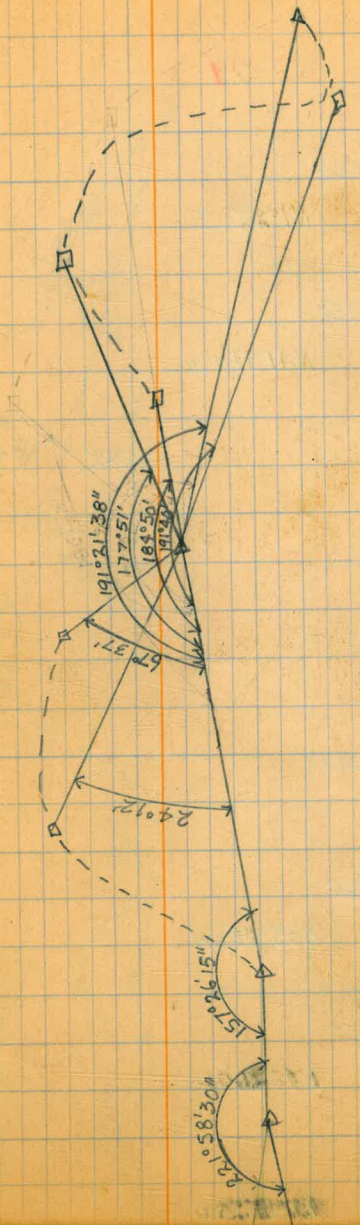
May 1.

Brush

181022'  
50°26'30"

157°26'  
629°45'

221°58'30"  
887°54'



Cool, Cloudy

Rocky, trees

137 #157  
136+17.06A

222°34'00"

May 6  
26.70

222°34'  
890°16'

136 #156A  
135+90.36A

N1°22.6E

173°57'15"

175.23

173°57'30"  
695°49'

N41°11.4W

#156

93°48'

10°32' 27.5

#155

90°14'

2°53' 63.3

#154

55°52'  
(From #156A)

21.7

135 #153  
134+15.13A

191°33'26"

66.01

191°33'45"  
766°13'45"

134 #152A  
133+49.12A

N35°08.6W

135°09'15"

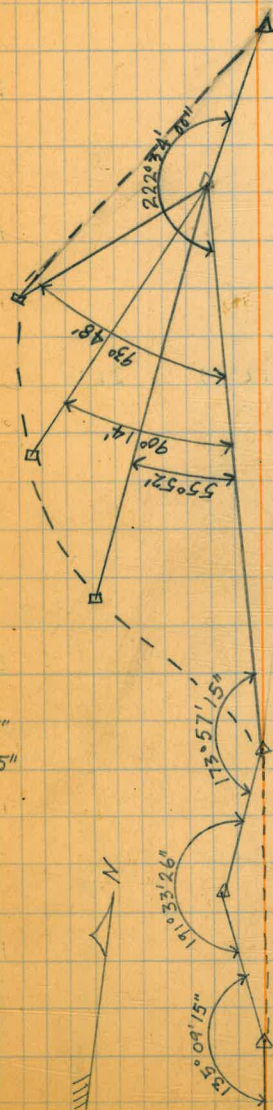
34.03

135°09'  
540°37'

134 #152  
133+15.09A

N46°42.0W

N1°51.2W



#156A is not on Contour

#152A is not on Contour

142

#164A

141 + 32.330

226°59'15"

N7°57.7'E

194.5

No. 164A is not on Contour  
27°59'  
90°57'

#164

236°09'

202.51

#163

163°34'

106.0

#162

125°11'

12°33'

265.0

#161

132°54'

68.0

140

#160

139 + 37.760

161°24'38"

60.03

161°25'

645°38'30"

139

#159

138 + 77.730

179°53'49"

N39°01.5'W

114.00

179°53'45"

719°35'15"

138

#158

137 + 63.730

158°17'30"

N20°26.1'W

146.67

158°18'

633°10'

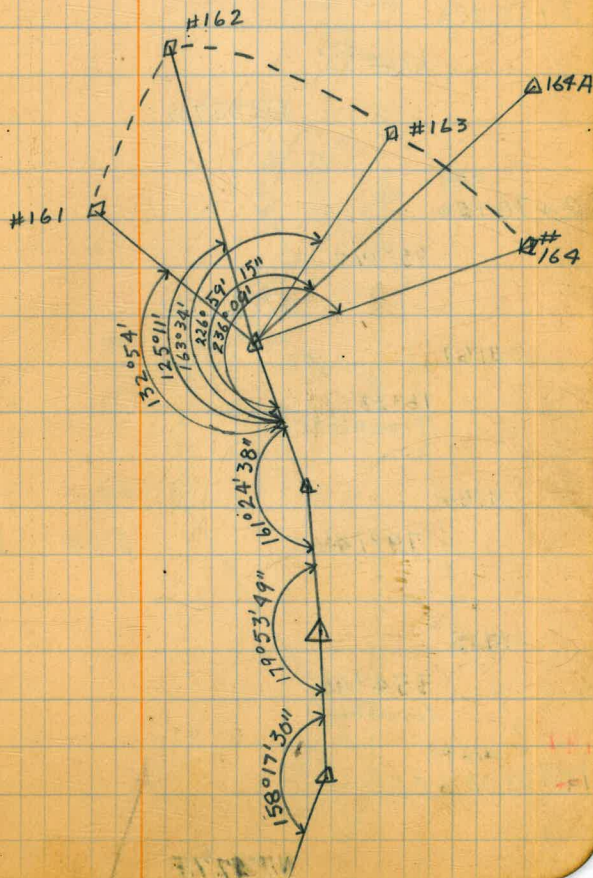
137

#157

136 + 17.060

N20°19.9'W

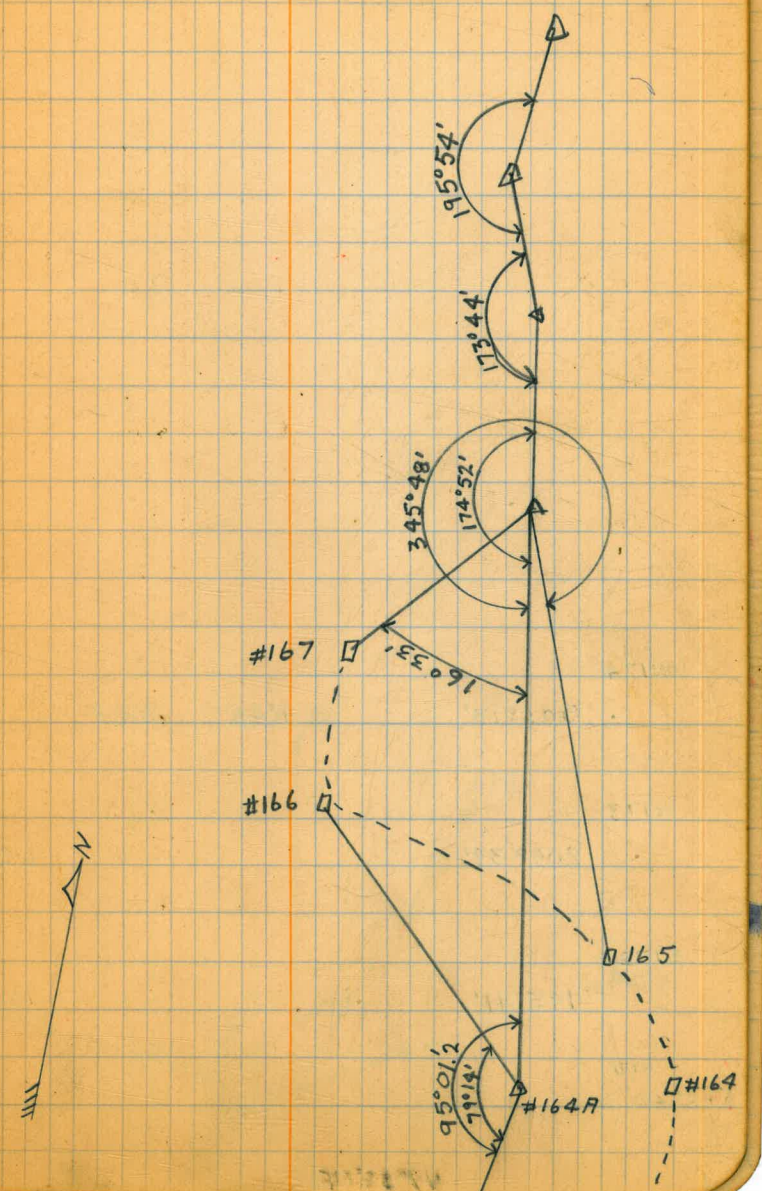
N1°22.6'E



"A" traverse to pt. # 175

Stakes in red

6 #171 5+22.49A	195°54'	N72°30.9'W ✓	159.30 ✓
#170 4+63.19A	173°44'	N88°24.9'W ✓	112.90 ✓
#169 3+50.29A	174°52'	N82°08.9'W ✓	74.14 ✓
#168 2+76.15A	95°01.2'	N77°00.9'W ✓	276.15 ✓
#167	16°33'		116.0
	(From #168)		
#166	79°14'	5°04'	87.0
#165	354°48'		277.0
	(From #168)		
142 #164A 1A+32.33A = 0+00		N7°57.9'E ✓	



#174

306°13'

4°42'

64.5

#173

209°39'

62.3

#172

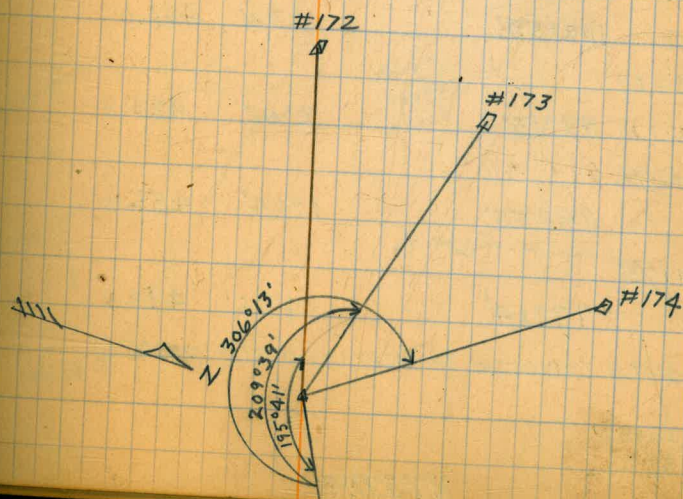
195°41'

165.0

6

#171

5+22.49 A

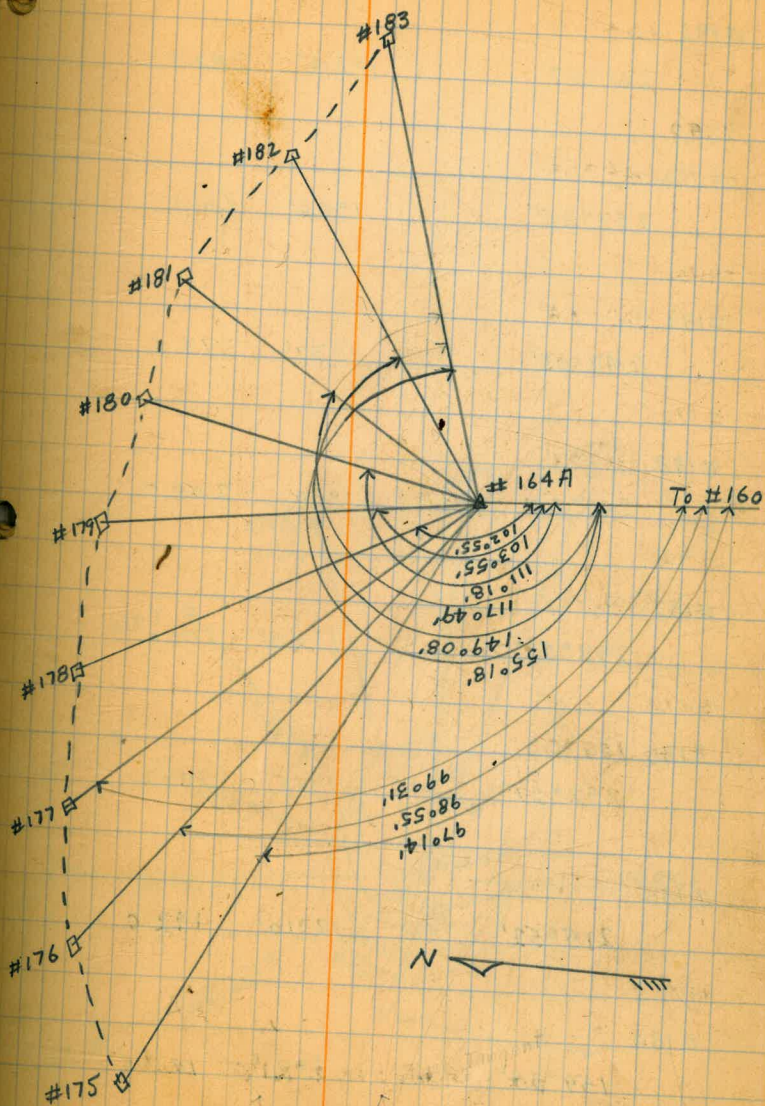


#183	155°18'	3°09'	153.0
#182	149°08'	3°08'	137.0
#181	117°49'	2°43'	172.0
#180	111°18'	3°50'	266.0
#179	103°55'	1°46'	340.0
#178	102°55'	1°36'	400.0
#177	99°13'	2°01'	425.0
#176	98°55'	1°14'	455.0
#175	97°14'	1°06'	490.0

(Separate traverse to intermediate points)

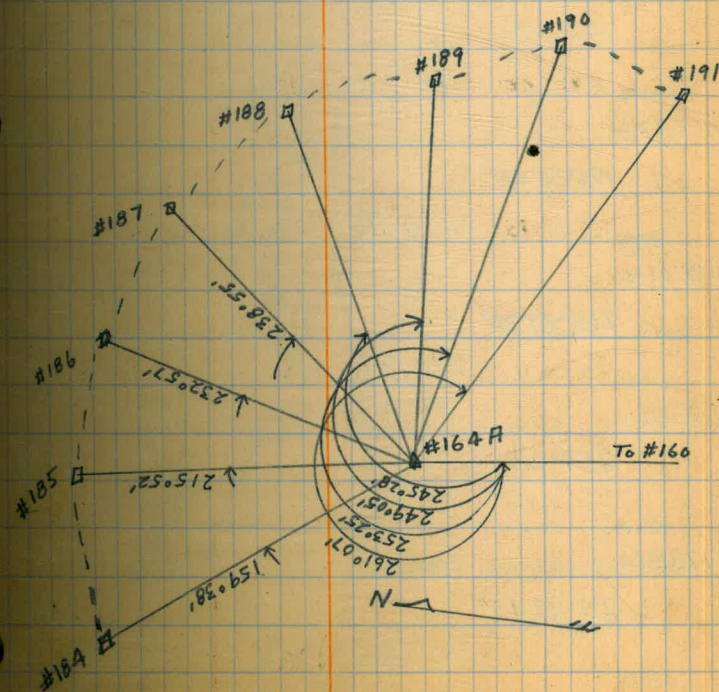
142 #164A Δ  
741 + 32.33

N7°57.7E





#191	261°07'	1°54'	240.5
#190	253°25'	1°44'	261.0
#189	249°05'	1°37'	273.0
#188	245°28'	1°50'	248.5
#187	238°55'	1°48'	251.0
#186	232°57'	1°55'	240.0
#185	215°52'	2°10'	192.0
#184	159°38'	3°21'	127.5



142  
#164A  
#171 + 32.33Δ

N. 7°57.7' E

McCarty  
Soper  
Anderson  
Osborne  
Peters

Clear and warm  
Rocky, grass

149 #197

148+09.24Δ

149°58'30"

64.32 ✓

148

#196

147+44.92Δ

567°32.6E

162°34'45"

135.00 ✓

537°31.1E

#195

146°32'

42.5

147

#194

146+09.92Δ

156°50'08"

May  
134.91 ✓

520°05.9E

145

#193

144+75.01 Δ

263°37'30"

96.20 ✓

53°04.0W

#192

354°21'00"

82.0

144

#191A

143+78.81Δ

271°28'45"

246.48 ✓

580°33.5E

142

#189A

141+32.33Δ

N7°57.9E

149°59'

599°54'

162°35'

650°19'

156°50'

7°20'30"

263°38'

1054°30'

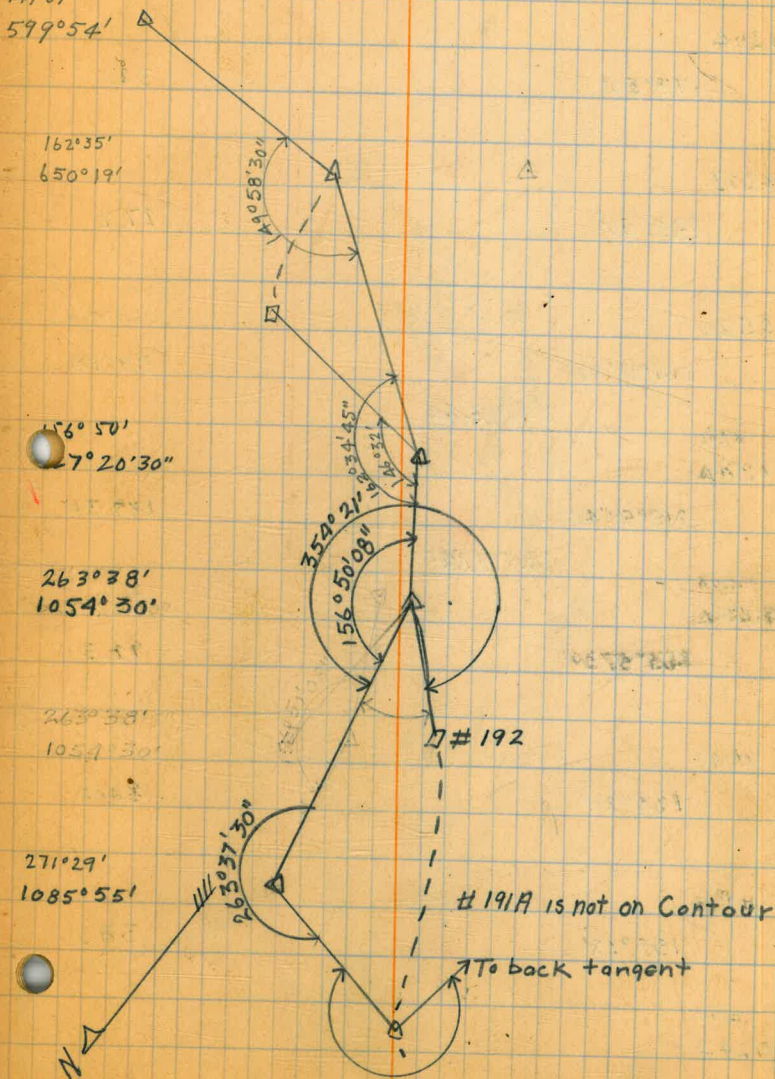
263°38'

1054°30'

271°29'

1085°55'

N



Cool, Cloudy

Grass, short brush

↑ To Control #4

152 #205  
151+66.82A

204°15'00"

S22°09.0'E ✓

131.30

204°15'30"  
817°

#204

173°30'

32.1

#203

145°50'

27.2

151 #202  
150+35.52A

161°08'45" ✓

S46°24.0'E

88.98 ✓

161°08'15"  
644°35'

150 #201  
147+46.54A

219°59'45" ✓

S27°32.8'E

137.30 ✓

220°  
579°59'

148 #200

221°07'

72.30

72.3

85°27'30"

#199

193°20'

40.0

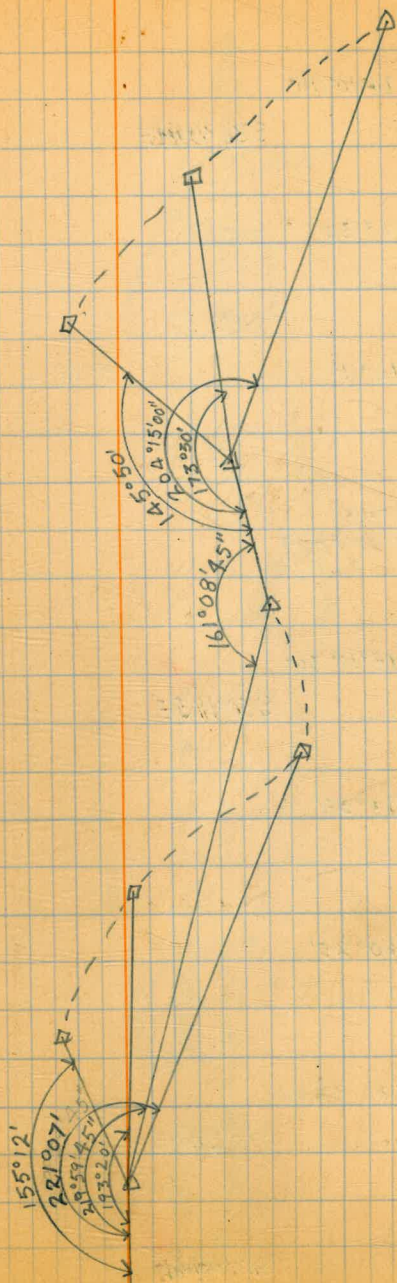
#198

155°12'

38.3

149 #197  
148+09.24A

S67°32.6'E ✓



156 #213  
155+94.01A

174°10'08"

S36°09'E

213.0

#212

11°30'

58.0

#211

16°11'

5°31'

77.5

#210

2°43'  
(From #213)

120.5

154 #209  
153+80.96A

198°10'30"

S30°19.5'E

163.84

#208

193°39'

94.0

#207

160°25'

56.8

153 #206  
152+17.12A

153°39'00"

S48°30'E

50.30

152 #205  
151+66.82A

S22°09.0'E

N1°51.2'W

174.10.30

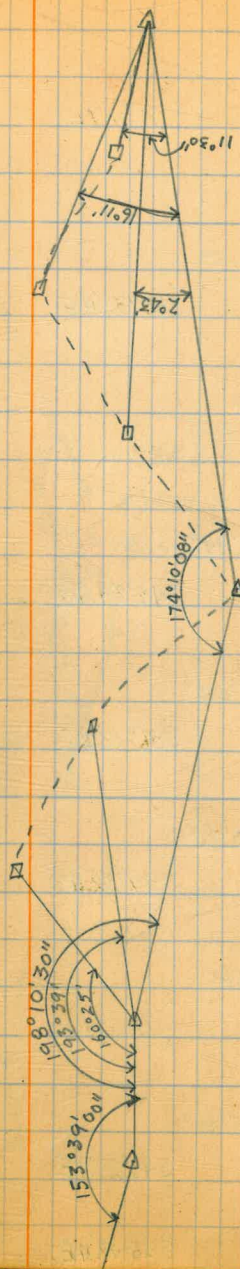
174°10'30"  
696°40'30"

777

198°10'  
42'

153°39'  
614°36'

N



McCarty  
Soper  
Anderson  
Osborne  
Peters

161 #219 160+50.44A	143°02'15" ✓ 585°32.4E	54.95 ✓
#218	173°41' (From #217)	47.0
160 #217A 159+95.49A	167°28'49" ✓ 548°34.6E	50.19 ✓
160 #217 159+45.30A	183°29'00" ✓ 536°03.4E	116.48 ✓
159 #216 158+28.82A	185°52'52" ✓ 539°32.4E	May 11 117.70 ✓
#215	139°48'	41.0
158 #214 157+11.12A	170°44'08" ✓	117.11 ✓
156 #213 165+94.01A	545°25.3E ✓ 536°09.4E ✓	

Clear and hot  
Rocky, Grass

143°02'30"  
572°09'

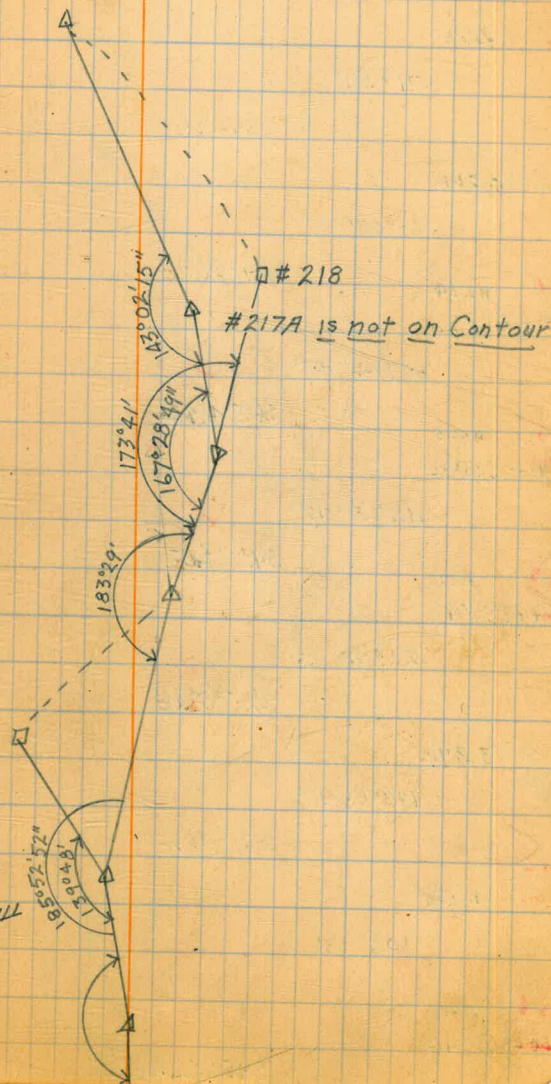
167°29'  
669°55'15"

183°29'  
733°56'

185°53'  
743°31'30"

170°44'  
682°56'30"

N



Cool Cloudy

Grass, short brush

170 #227  
169+10.89 A

194°25' 00"

570°11.9E

252.0

#226

(67.0 to fence from #225)

171° 58'

100.0

167 #225  
166+58.86A

161°03' 19"

584°36.9E

107.14

166 #224  
165+51.72A

157°41' 45"

565°40.2E

70.58

165 #223  
164+81.14A

162°31' 00"

543°21.0E

61.40

165 #222  
164+19.74A

225°41' 15"

525°53.0E

95.85

164 #221  
163+23.89A

193°58' 11"

571°34.2E

273.45

#220

146° 18'

68.0

161 #219  
160+50.44 A

585°32.4E

To Control #4  
N77°07.3'E

194°25'  
777°40'

161°03'  
644°13'15"

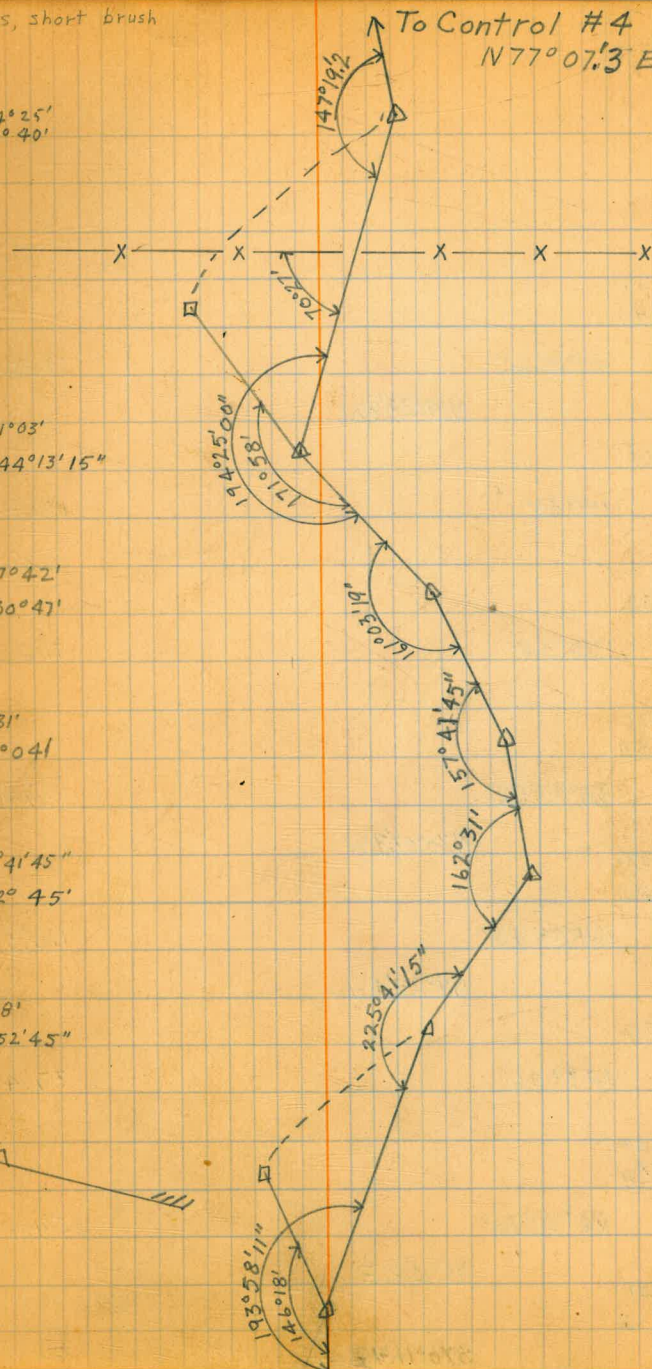
157°42'  
630°47'

162°31'  
650°04'

225°41'45"  
902°45'

193°58'  
775°52'45"

N



175 #234

174+21.14Δ

181°13'22" ✓

N19°38.3W

191.76 ✓

#233

181°58'

152.5

#232

158°54'

71.6

173 #231

172+29.38Δ

168°33'52" ✓

N20°57.7W

147.48 ✓

171 #230

170+81.90Δ

164°23'45" ✓

N9°25.6W

116.37 ✓

#229

149°06'

37.4

170 #228

169+65.53Δ

76°22'30" ✓

N6°10.6E

54.64 ✓

170 #227

169+10.89 Δ

570°11.9E ✓

Grass, short brush

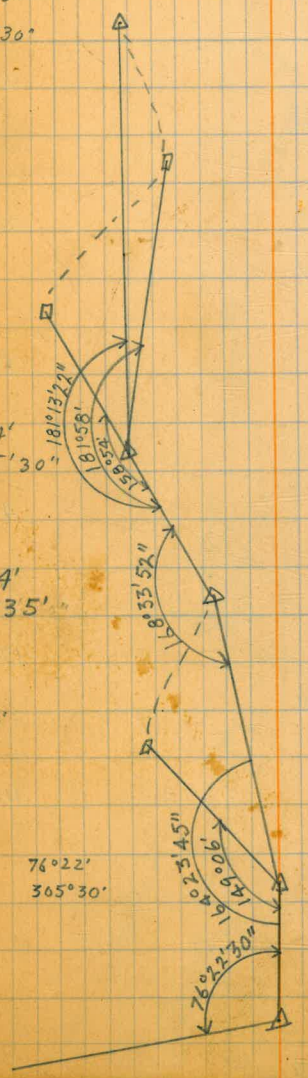
181°13'30"  
724°53'30"

168°34'  
674°15'30"

164°24'  
657°35'

164°24'

76°22'  
365°30'





180	#242		
177 + 28.624		163°36'00"	84.32
179	#241	N46°48.4'W	
178 + 44.30A		170°02'45"	94.75
178	#240	N30°29.4'W	
177 + 49.55D		185°06'19"	152.64
		N20°27.7'W	
	#239		
		182°08'	88.2
	#238		
		164°20'	46.0
176	#237		
175 + 96.91A		174°04'45"	175.77
		N25°33.5'W	
	#236		
		167°52'	111.0
	#235		
		158°38'	2°24' 92.5
175	#234		
174 + 21.14 A		N19°38.3'W	

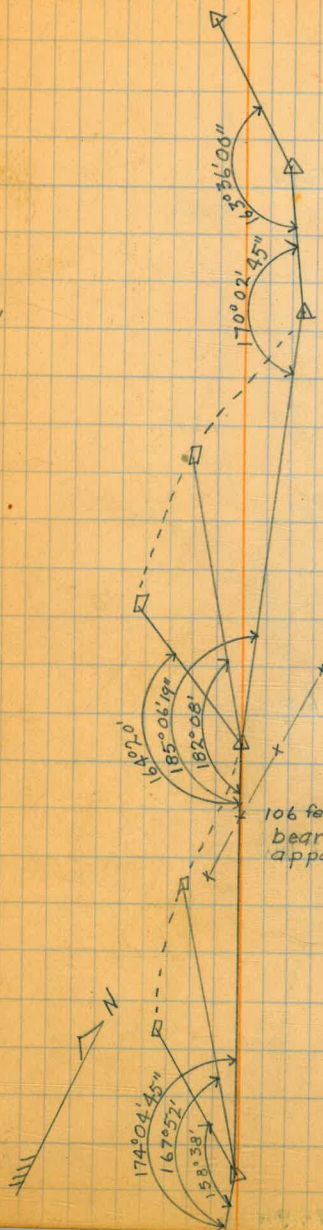
Grass, short brush

36'30"  
654°24'

170°03'  
680°11'

185°06'30"  
740°25'15"

174°04'30"  
696°19'



184 #251  
+83+89.28A

173°10'30"

N32°35.9'W

#250

28°20' (From #251)

#249

172°23'

#248

160°26'

#247

182 #246  
+81+62.98A

148°37'

164°47'11"

N25°46.4'W

181 #245  
+80+79.87A

216°14'49"

N10°33.6'W

#244

194°41'

#243

156°40'

180 #242  
+79+28.62A

N46°48.4'W

Grass short brush

173°11'  
692°42'

226.30

40.9

66.0

64.2

50.0

83.11

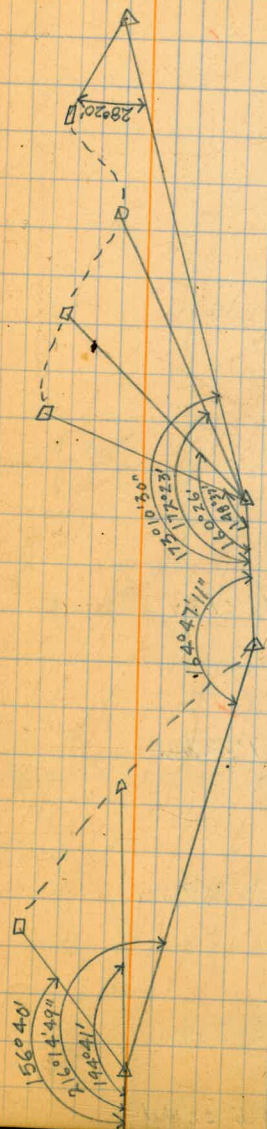
151.25

49.5

45.8

164°47'  
659°08'45"

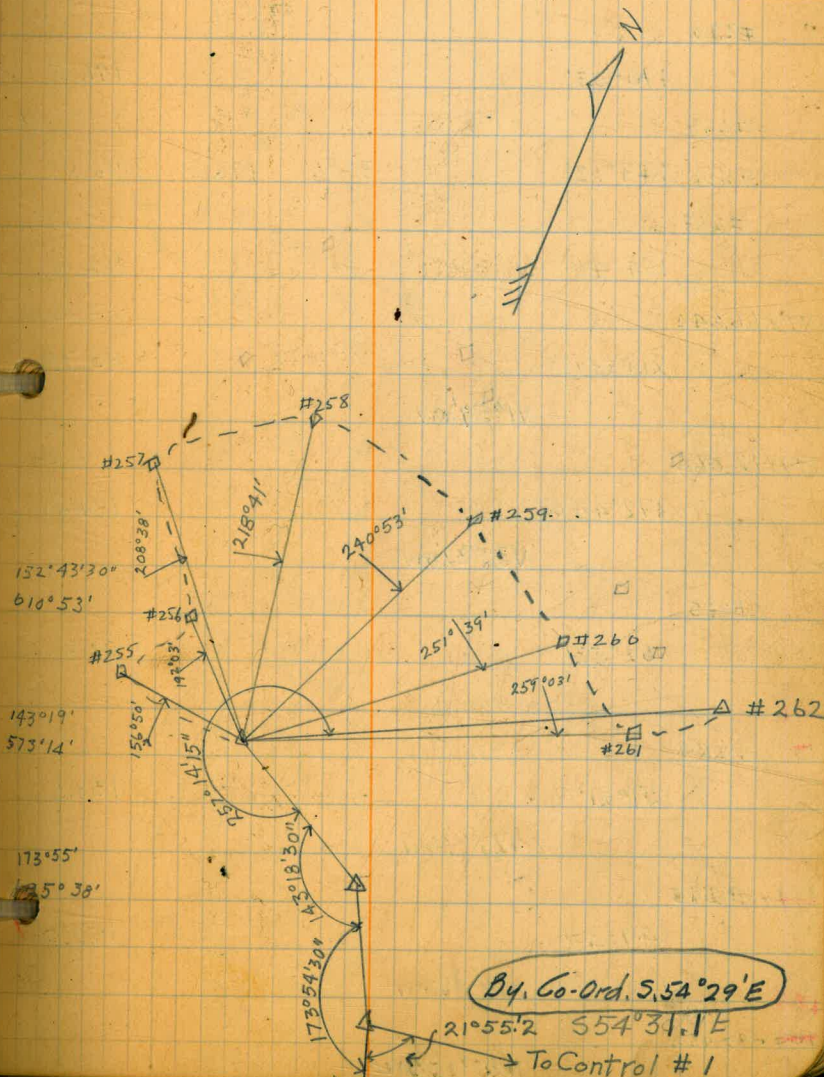
216°15'  
864°59'15"



189	#262		
188	+88.454		
		257°14'15"	246.55
#261		N25°25.2'W	
		259°03'	202.0
#260		251°39'	151.5
#259		240°53'	116.5
#258		218°41'	96.2
#257		208°38'	109.1
#256		192°03'	32.2
#255		156°50'	47.2
187	#254		
186	+41.904		
		152°43'30"	38.04
187	#263		
186	+03.86	577°22.6'W	
		143°18'30"	141.04
185	#252		
184	+62.824	N75°22.9'W	
		173°54'30"	73.54
184	#251		
183	+89.28	N38°41.4'W	
		N32°35.9'W	

Grass, short brush

257°14'  
28°57'



May 12

Grass, short brush

195

#271

174+40.87A

179°39'45"

N2°19.2'W

274.23

#270

170°03'

196.5

#269

149°12'

3°06' 196.0

#268

154°40'

162.0

192

#267

177+66.64A

210°38'15"

N1°59.0'W

93.78

191

#266

190+72.86A

172°48'00"

N32°37.7'W

184.41

#265

62°53'

83.3

#264

51°21'

138.5

#263

47°43'

152.5

(From #266)

189

#262

188+88.45A

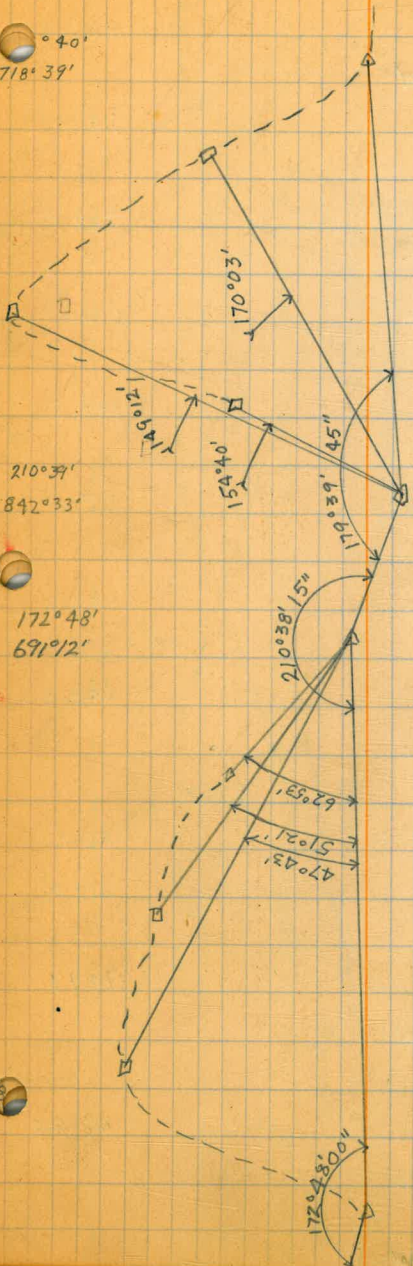
N25°25.4'W

0°40'  
718°39'

210°39'  
842°33'

172°48'  
691°12'

172°48'00"



199 #283  
798+21.24Δ

183°35'30"

#282

N16°51.7W

153°29'

#281

147°59'

#280

91°44' (From #283)

#279

67°45' (From #283)

#278

64°42' (From #283)

#277

39°06' (From #283)

#276

18°30' (From #283)

#275

19°13' (From #283) 1°40' 221.3

#274

9°33' (From #283)

196 #273  
175+58.24Δ

174°09'45"

195 #272  
194+87.27Δ

N20°27.2W

167°42'15"

195 #271  
194+40.87Δ

N14°37.0W

N2°19.2W

N46°48.4W

263.0

319.0

360.0

388.0

189.5

215.0

166.0

185.0

215.5

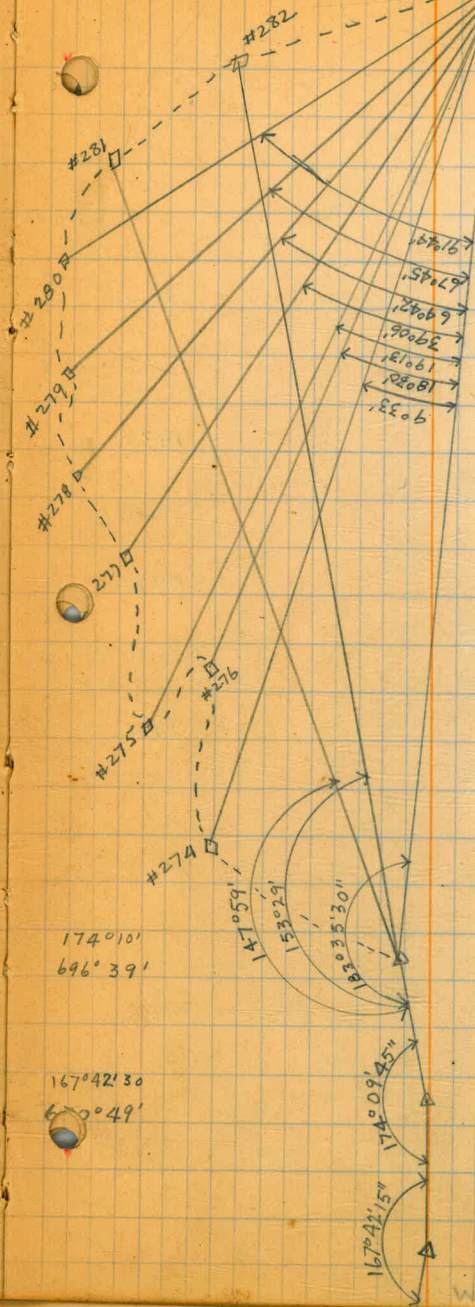
70.97

46.40

183°36'  
734°22'

Grass, short brush, rocks

#283



174°10'  
696°39'

167°42'30"  
67°0°49'

167°42'15"  
171°09'45"  
167°42'15"

N58°19'W

Grass, short brush

204 #290  
203+82.71 Δ

164°46'30" ✓  
N2°57.0W

88.11 ✓

164°47'  
659°06'

203 #289  
202+94.60 Δ

146°10'45" ✓  
N12°16.5E

183.20 ✓

146°11'  
584°43'

202 #288  
201+114.0A

185°59'15" ✗  
N46°05.7E

119.96

185°59'45"  
743°57'

200 #287  
199+91.44A

236°58'15" ✓  
N40°06.5E

170.20 ✓

236°58'30"  
947°53'

#286

219°28'

113.5

#285

205°08'

111.3

#284

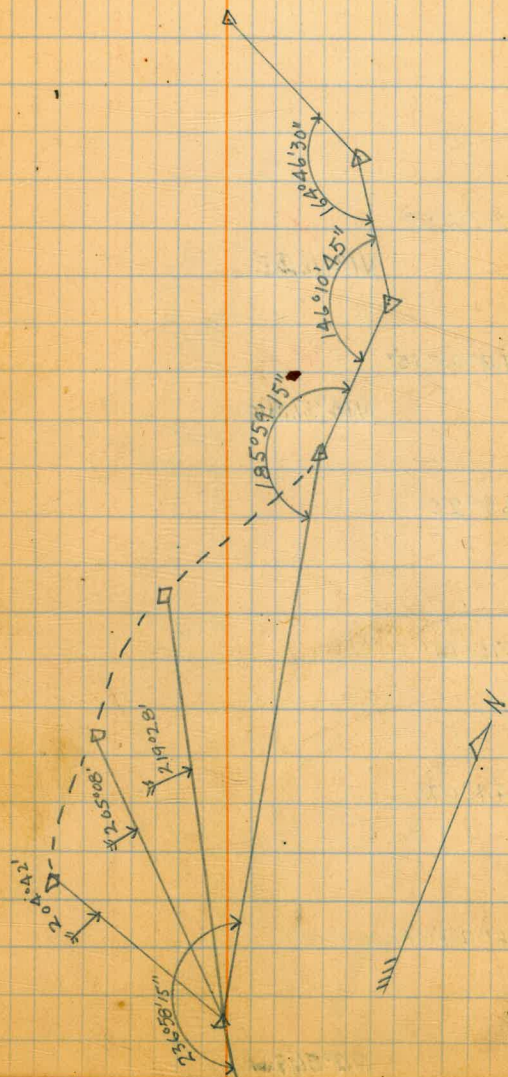
204°42'

1°46'

80.0

199 #283  
198+21.24 Δ

N16°51.7W ✓



209 #296  
208+2042Δ

196°32'15"

N1°40.4E

117.14

208 #295  
207+03.28Δ

168°05'15"

N14°51.8W

320.57

#294

69°20'

134.5

#293

70°01'

194.5

#292

47°07'

155.2

#291

6°24' (From #295)

238.0

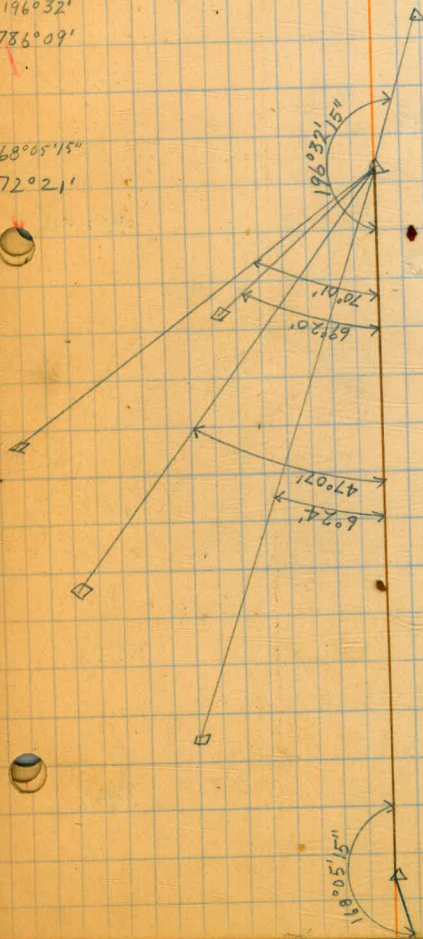
204 #290  
203+82.71 Δ

N2°57.0W

198 29  
Brush

196°32'  
786°09'

168°05'15"  
672°21'



211 #302  
210+61.96 Δ

161°33'45"

N1°37.3'E

67.08

210 #301  
209+94.88 Δ

198°23'04"

N20°03.5'E

174.46

#300

38°39'

3°03' 110.5

#299

25°17'

719.0

#298

22°59'

144.3

#297

13°50' (From #301)

138.0

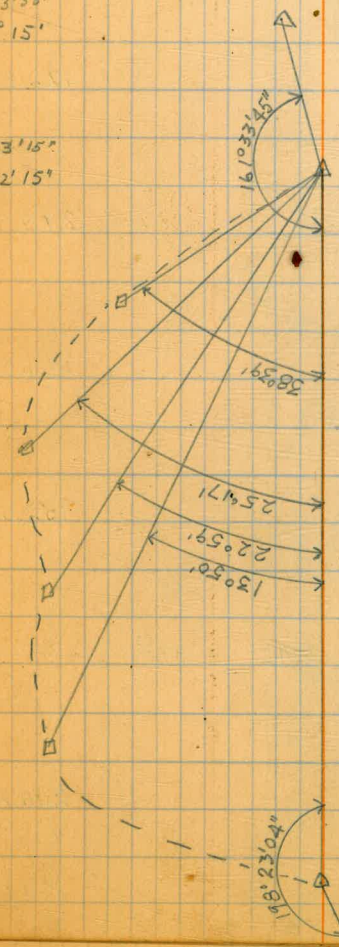
209 #296  
208+20.42 Δ

N1°40.4'E

N46°48.4'W

161°33'30"  
646°15'

198°23'15"  
793°32'15"



Brush



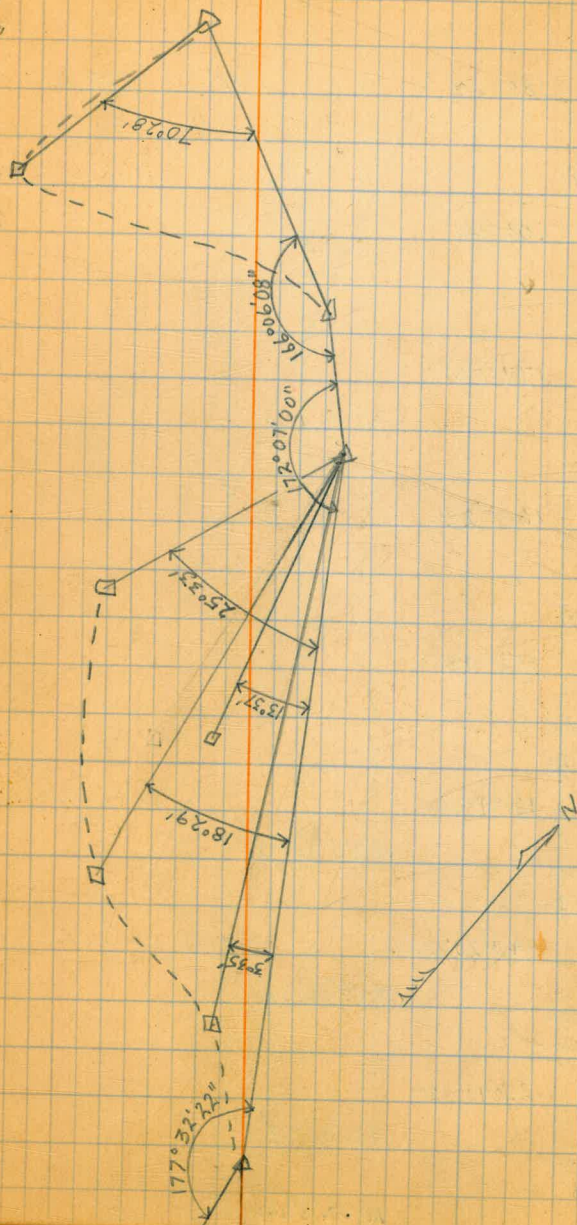
216	#310				
<del>215</del>	<del>48.88 Δ</del>				
		166°06'08"		61.15 ✓	
		N.22°37.2W			
	#309				
		70°28'		47.0	
	(From #310)				
215	#308				
<del>214</del>	<del>59.73 Δ</del>				
		172°07'00"		126.87 ✓	
		N.8°43.3W			
214	#307				
<del>213</del>	<del>60.86 Δ</del>				
		177°32'22"		298.90 ✓	
		N.0°50.3W			
	#306				
		25°33'		124.0	
	#305				
		13°37'		156.0	
	#304				
		18°29'	1°42'	188.5	
	#303				
		3°35'		208.0	
	(From #307)				
211	#302				
<del>210</del>	<del>61.96 Δ</del>				
		N.1°37.3E			

Brush

06'15"  
664°24'30"

172°07'  
688°28'

177°32'30"  
710°09'30"



May 14

18 216  
~~18 215+4~~

#318

185° 55'

1° 12'

282.0

#317

185° 14'

230.0

215  
~~214~~

#316

177° 56'

171.0

214  
~~213~~

#315

168° 22'

115.0

18  
~~18~~

#314

156° 48'

34.6

181  
~~180~~

219 #313  
~~218+25.59Δ~~

161° 47' 30"

99.07 ✓

218 #312  
~~217+26.52Δ~~

N. 33° 12.8' W ✓

147° 23' 00"

96.86 ✓

217 #311  
~~216+29.66Δ~~

N. 15° 00.3' W ✓

220° 13' 52"

80.78 ✓

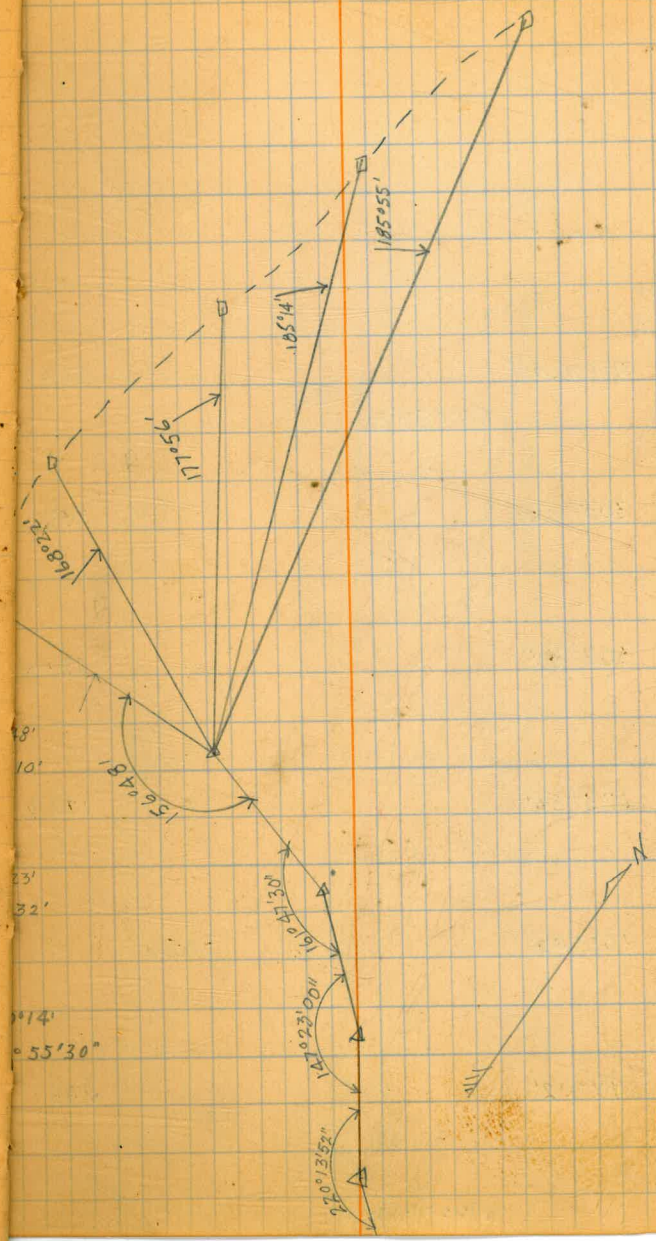
180  
~~179+2~~

216 #310  
~~215+48.88 Δ~~

N. 17° 36.7' E ✓

N. 22° 37.2' W ✓

ass, short brush



221

#324

220+90.09A

315° 19' 45"

264.50

5.77° 53' E

#323

305° 53'

239.0

#322

302° 39'

187.0

#321

223° 56'

170.7

#320

203° 00'

1° 16'

305.0

#319

192° 02'

266.0

219

#313

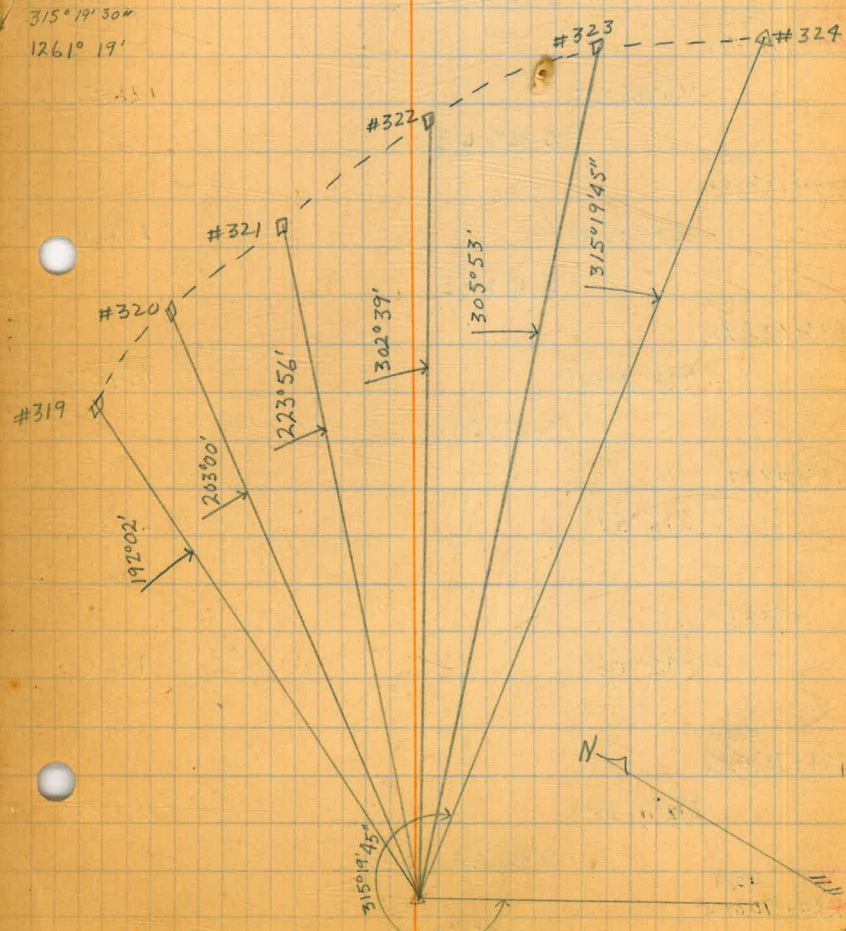
218+25.59A

N. 33° 12.8' W

Grass, short brush

315° 19' 30"

1261° 19'



228	#332	227+38.91A	166°11'52"	5.89°29.3E	69.82 ✓
227	#331	226+69.09A	140°24'45"	5.75°41.2E	92.50 ✓
226	#330	225+76.59A	160°18'00"	5.36°06'E	126.51 ✓
225	#329	224+50.08A	161°00'08"	5.16°24'E	119.99 ✓
224	#328	223+30.09A	228°10'30"	5.2°35.9W	154.57 ✓
	#327		216°59'		61.3
	#326		152°06'		42.2
222	#325	221+75.52A	212°18'22"	5.45°34.6E	85.43 ✓
221	#324	220+90.09A		5.77°53'E	

Grass, short brush

160° 2' 15"  
66° 47' 30"

140° 2' 51"  
561° 39'

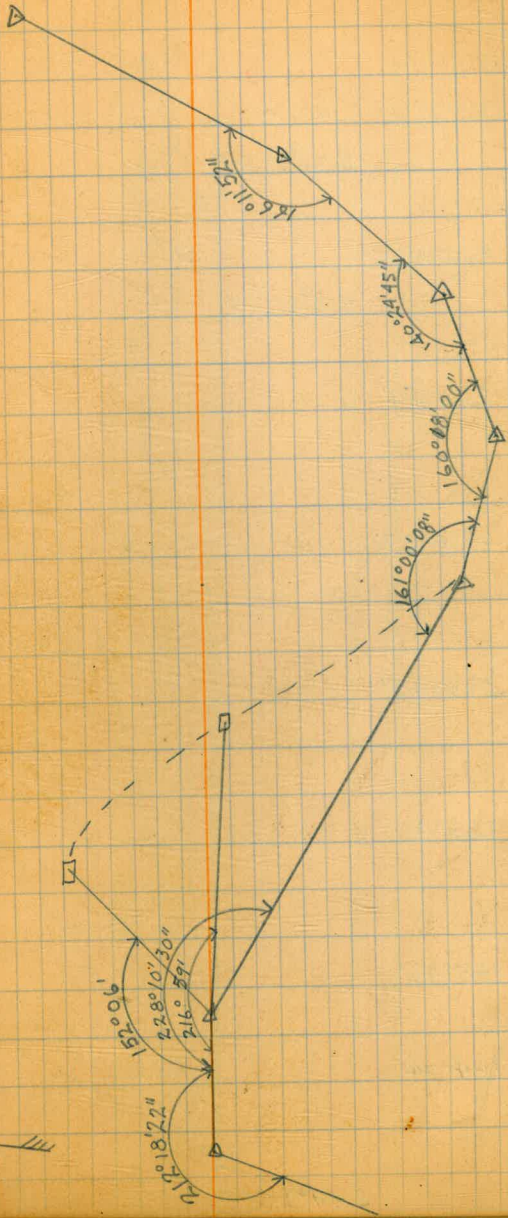
160° 18'  
641° 12'

161° 00' 30"  
644° 00' 30"

228° 10'  
912° 42'

212° 18' 45"  
849° 13' 30"

N



Grass, short brush

231 #340  
~~250~~ + 40.66A

163°09'15"

56.01 ✓

230 #339  
~~229~~ + 84.65A

5.20°17.9E

266°02'15"

245.74 ✓

5.3°27.1E

#338

260°44'

158.5

#337

228°27'

107.0

#336

193°45'

140.5

#335

188°41'

158.0

#334

183°46'

131.5

#333

164°34'

111.0

228 #332  
~~227~~ + 38.91 Δ

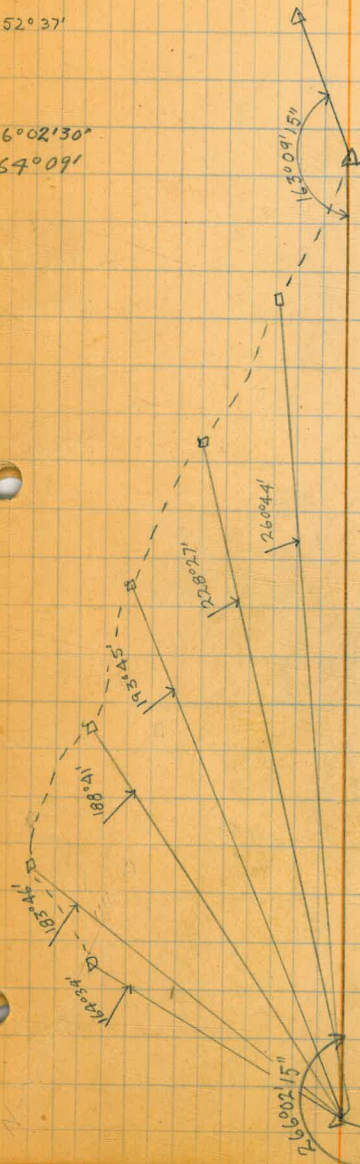
5.89°29.3E

163°09'

652°37'

266°02'30"

1067°09'



238

#348

~~237~~ + 05.97A

126°09'15"

S 81°51.4'E

209.97

#347

103°02'

2°53'

91.0

235

#346

~~234~~ + 96.00A

196°55'45"

S 28°00.6'E

May 27

248.14

#345

176°12'

154.0

#344

166°57'

7°02'

58.5

233

#343

~~232~~ + 47.86A

155°21'30"

S 44°56.4'E

207.20

#342

38°50'

107.0

#341

10°36'

(From #343)

127.0

231

#340

~~230~~ + 40.66B

S 20°17.9'E

155 211

Grass, short brush

120° 9' 15"

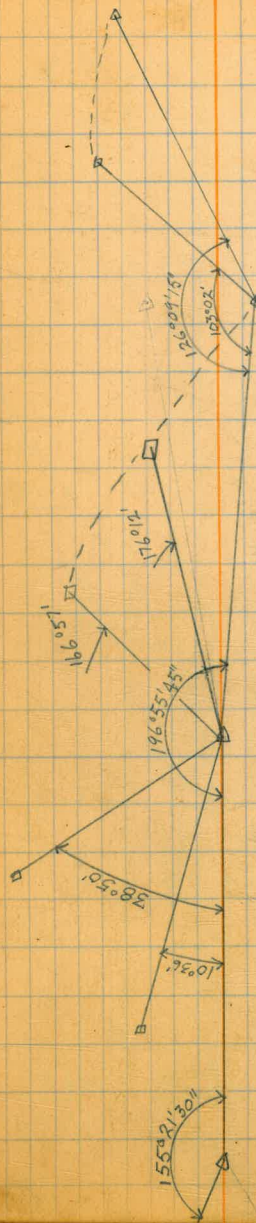
50° 37'

196° 55' 45"

787° 43'

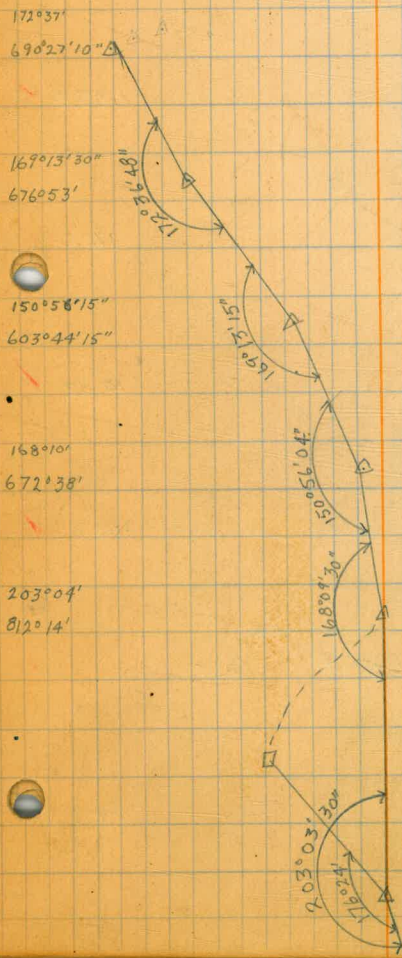
155° 21' 15"

621° 26'



243	#354				
<del>242</del>	+33.66 Δ	172°36'48"	x	99.86 ✓	
		N62°07.7'E			
242	#353				
<del>241</del>	+33.80 Δ	169°13'15"	x	94.05 ✓	
		N69°30.9'E			
241	#352				
<del>240</del>	+39.75 Δ	150°56'04"	x	100.21 ✓	
		N80°17.7'E			
240	#351				
<del>239</del>	+39.54 Δ	168°09'30"	x	57.61 ✓	
		S70°38.4'E			
239	#350				
<del>238</del>	+81.93 Δ	203°03'30"	x	175.96 ✓	
		S58°47.9'E			
	#349	176°24'			2°30' 62.5
238	#348				
<del>237</del>	+05.97 Δ				S81°51.4'E

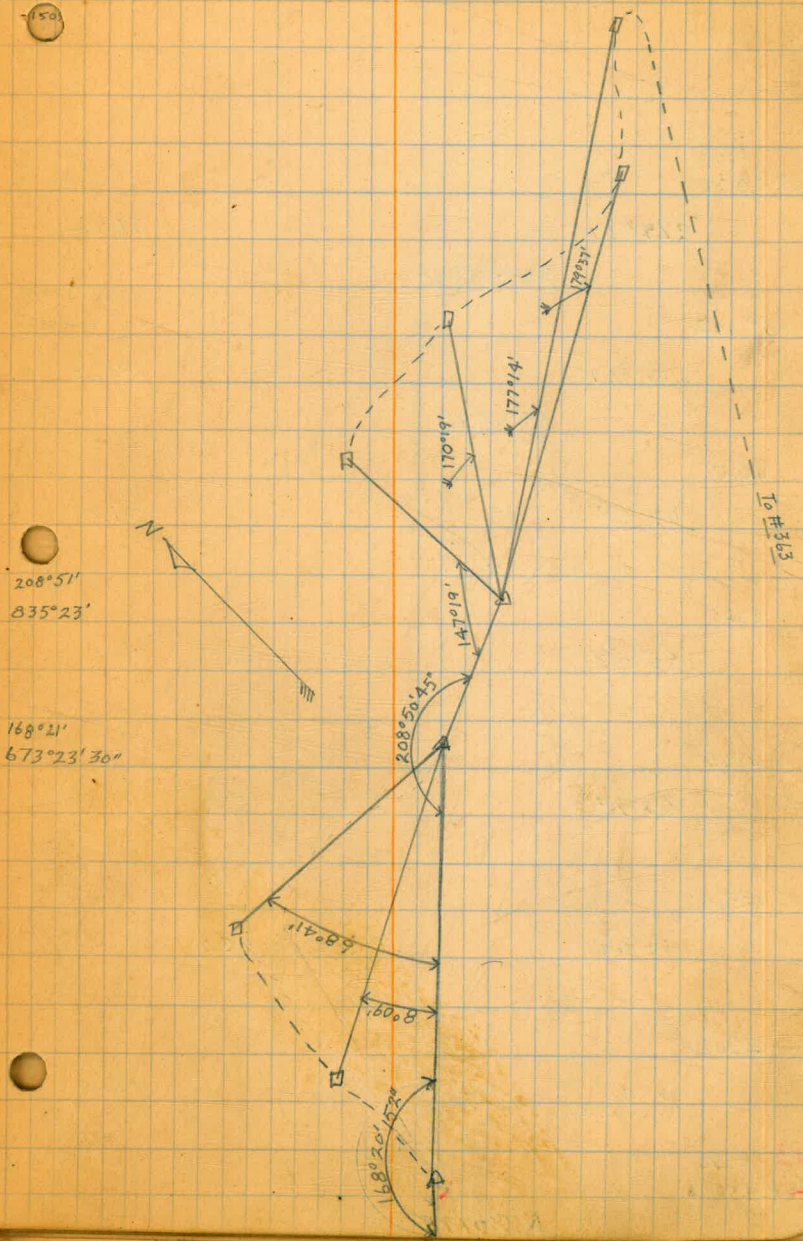
Grass





Grass

#362	177°14'	1°34'	231.0
#361	179°37'		164.0
#360	170°19'		105.5
#359	147°19'		170.0
<del>245</del> #358 244+57.50Δ	208°50'45°		70.82 ✓
	N79°19.4E		
<del>244</del> #357 243+86.68Δ	168°20'52°		153.02 ✓
	N50°28.6E		
#356	68°41'	4°17'	92.5
#355	8°09' (From #357)		86.5
<del>243</del> #354 242+33.66Δ	N62°07.7E		



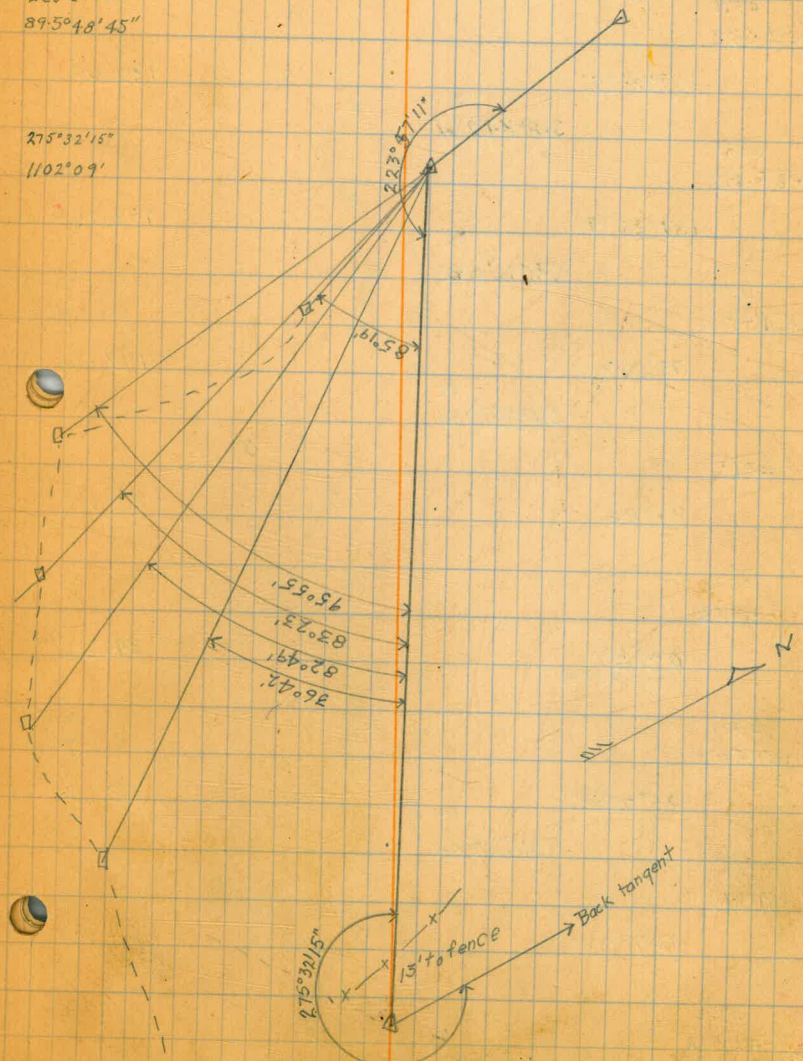
Grass

223°57'30"  
89°50'48"45"

275°32'15"  
1102°09'

223°57'11"

36°42'  
82°49'  
83°23'  
95°55'



248 #369  
277+42.88 Δ

223°57'11" ✓  
538°48.8W

53.78 ✓

247 #368  
246+89.10 Δ

275°32'15" ✗  
55°08.4E

231.60 ✓

#367

85°19' 57.0

#366

95°55' 4°25' 85.5

#365

83°23' 2°41' 99.0

#364

82°49' 2°51' 115.0

#363

36°42' (From #368) 100.0

245 #358  
244+57.50 Δ

N79°19.4E ✗

Grass

256 #377

~~254~~+33.74Δ

157°48'00"

S3°37.8 E

137.92 ✓

253 #376

~~252~~+96.02Δ

167°18'15"

S18°34.2 W

132.84 ✓

252 #375

~~251~~+63.18Δ

167°28'19"

S31°16.0 W

138.70 ✓

251 #374

~~250~~+24.48Δ

179°28'00"

S43°47.7 W

192.98 ✓

#373

21°08'

49.2

#372

6°42'  
(From #374)

84.6

249 #371

~~248~~+31.50Δ

185°30'52"

S44°19.7 W

88.62 ✓

#370

147°08'

67.0

248 #369

~~247~~+42.88Δ

S38°48.8 W

S. 89°29.3 E

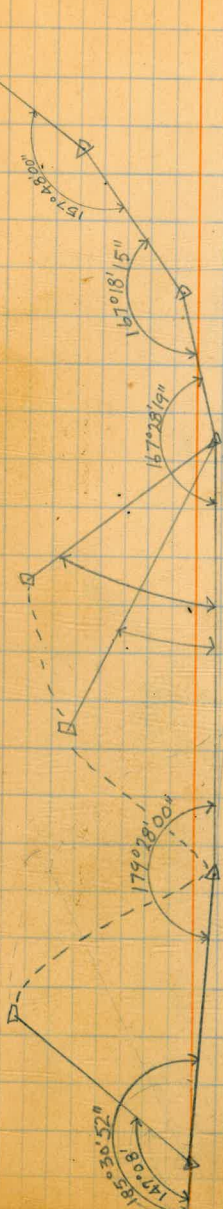
15.7  
63.1

167°18'15"  
669°13'

167°28'45"  
669°53'15"

179°28'30"  
717°52'

185°31'  
742°03'30"



261 #383  
~~260~~ + 47.91 Δ

175° 45' 45" ✕  
S81° 19' 5 E

188.79

#382

175° 30'

85.5

#381

162° 46'

39.2

259 #380  
258 + 59.12 Δ

179° 26' 30" ✕  
S77° 05' 3 E

175.08 ✓

257 #379  
256 + 84.04 Δ

153° 55' 45" ✕  
S76° 31' 8 E

96.58 ✓

256 #378  
255 + 87.46 Δ

133° 10' 15" ✕  
S50° 27' 6 E

153.52

255 #377  
254 + 33.94 Δ

S3° 37' 8 E ✕

Grass, some brush T. Central #5

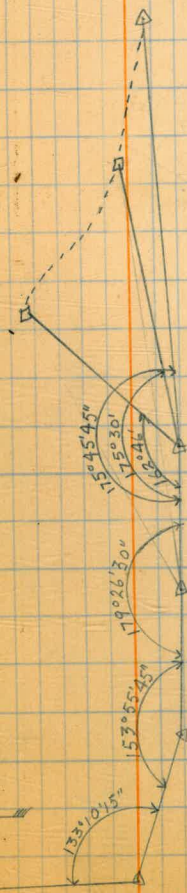
Grass

175° 45' 30"  
703° 02'

179° 27'  
717° 46'

153° 56' 00"  
615° 43' 00"

133° 10'  
532° 41'



263 #371  
262 + 77.16A

248°07'00"

S13°12.5'E

229.25 ✓

#390

224°37'

204.0

#389

220°22'

222.0

#388

213°09'

171.0

#387

171°03'

101.0

#386

160°30'

283.0

#385

156°48'

100.0

#384

137°21'

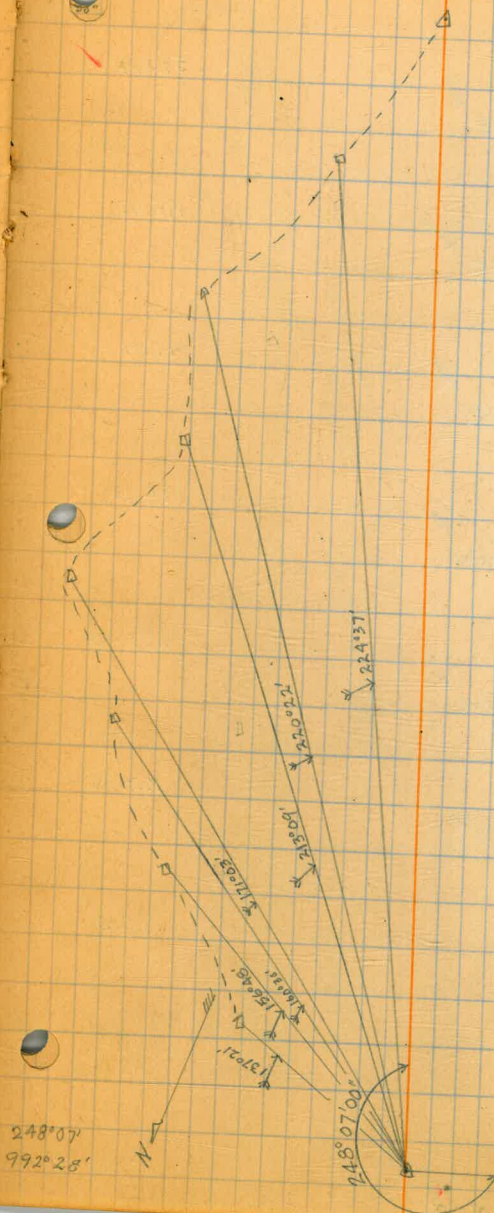
5°10'

57.0

261 #383  
260 + 47.91 A

S81°19.5'E ✓

Grass



248°07'  
992°28'

271 #398

270+28.65Δ

150°33'38"

S38°13.9'E

57.64 ✓

270 #397

269+71.01Δ

174°09'34"

S8°47.5'E

195.07 ✓

268 #396

267+75.94Δ

159°00'30"

S2°57.1'E

47.30 ✓

268 #395A

267+28.64Δ

179°47'04"

S18°02.4'W

74.10 ✓

267 #395

266+54.54Δ

166°43'45"

S18°15.3'W

253.48 ✓

265 #394

264+01.06Δ

224°44'

S31°31.5'W

123.90 ✓

#393

213°18'

70.0

#392

178°26'

72.0

2263 #391

262+77.16Δ

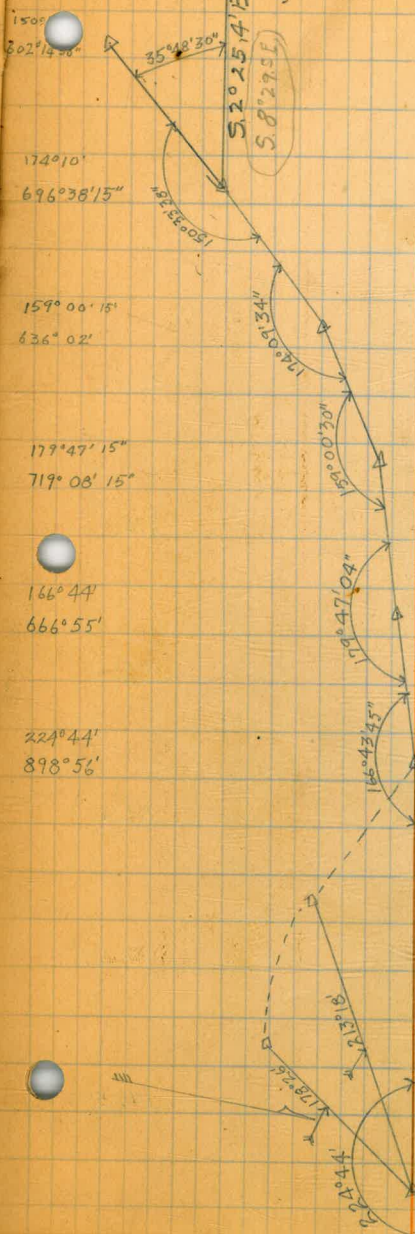
S13°12.5'E

May 28

McCarty  
Soper  
Osborne  
Price

Grass, some brush

To Control #5



McCarty

Grass, some brush

276 #404

~~275~~ + 89.92 Δ

176°27'30"

N83°43'2" ~~X~~

314.10 ✓

#403

172°04'

270.0

#402

163°57'

253.0

#401

167°04'

116.0

273 #400

~~272~~ + 75.82 Δ

152°41'45"

N87°15'7" ~~X~~

71.67 ✓

273 #399

~~272~~ + 04.15 Δ

152°47'45"

S65°26'1" ~~X~~

175.50 ✓

271 #398

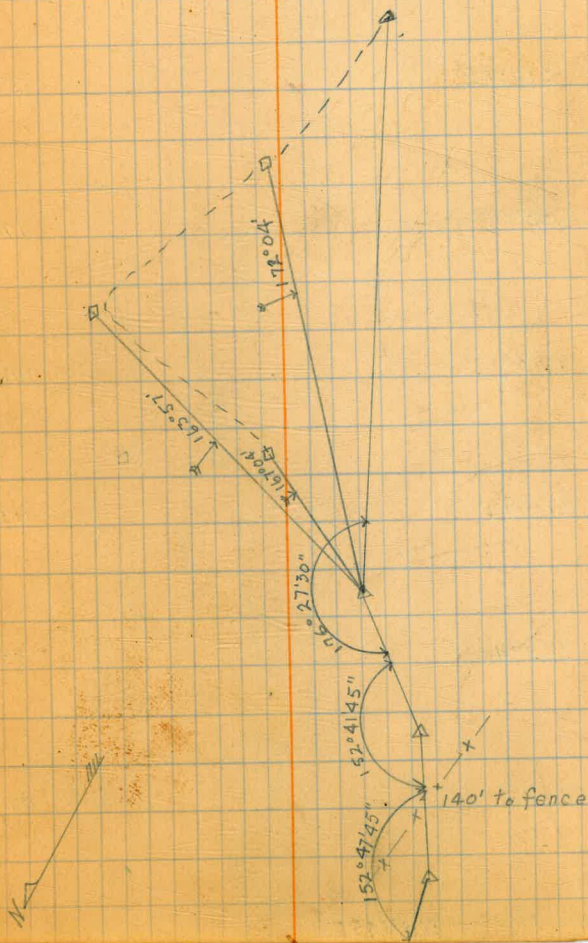
~~270~~ + 28.65 Δ

S38°13'9" ~~X~~

176°27'45"  
705°50'

152°42'  
610°47'

152°48'  
611°11'



279 #412  
~~278~~ 159.62 Δ

264°16'00"

S12°00.8' E

269.70 ✓

#411

259°48'

1°05'

260.5

#410

261°45'

236.0

#409

258°54'

190.0

#408

223°17'

114.0

#407

211°44'

113.0

#406

202°45'

85.3

#405

181°38'

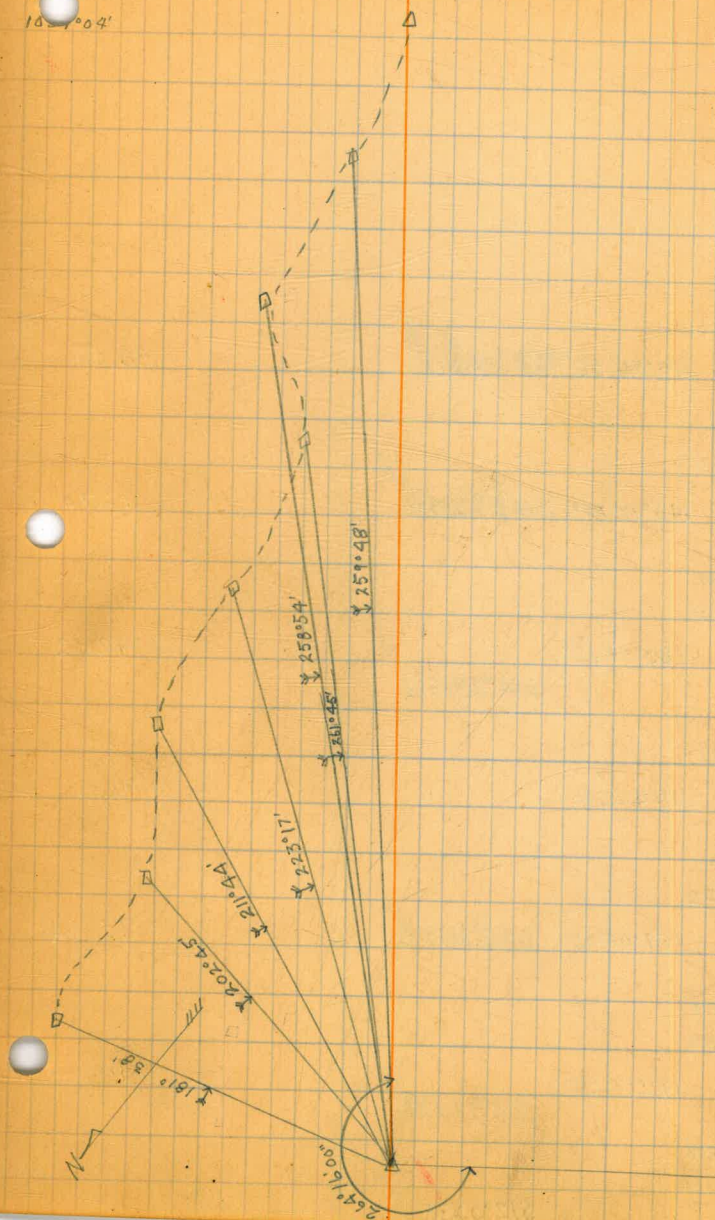
81.0

275 #404  
275 + 89.92 Δ

N83°43.2' E ✓

Grass, some brush

261°16'  
10°00.4'





1248

T<sub>1</sub> T<sub>5</sub> J 309-41 3-33 1110

289 #424  
 208 + 50.65 Δ  
 160° 54' 30" N ~~42° 22.1~~ <sup>15.1</sup> E ✓  
 191.35 ✓

287 #423  
 206 + 59.30 Δ  
 179° 11' 00" N ~~61° 29.6~~ <sup>20.6</sup> E ✓  
 322.19 ✓

#422  
 168° 35' 233.0

#421  
 161° 37' 225.0

#420  
 163° 30' 199.0

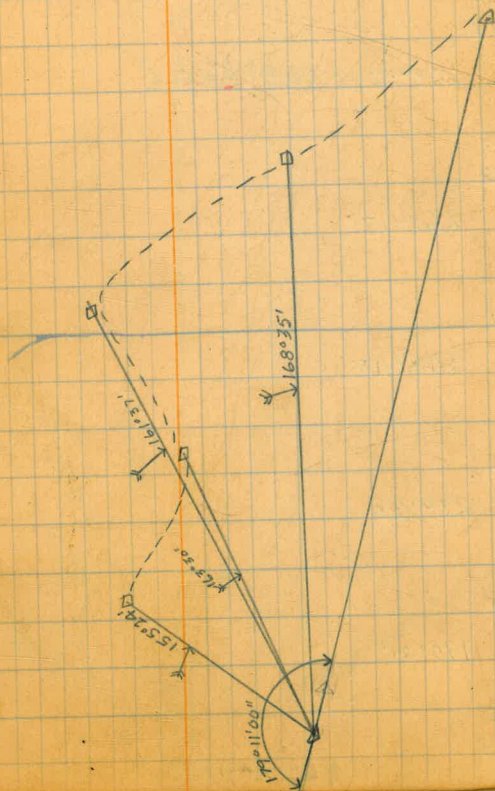
#419  
 155° 24' 161.0

284 #418  
 205 + 37.11 Δ  
 N 62° 09.6' E ✗

Grass, some brush

160° 54' 30"  
 643° 38'

179° 11'  
 716° 44'



Gross

293

#429

~~292~~ + 50.74 Δ

54.1 ✓

205°18'49" S 13°~~47.1~~<sup>54.1</sup> E ✓

104.32 ✓

292

#428A

~~291~~ + 46.42 Δ

13.9 ✓

278°32'00" S 39°~~23.3~~<sup>13.9</sup> E ✓

295.77 ✓

#428

262°17'

230.0

#427

248°43'

208.0

#426

239°38'

147.0

#425

170°41'

116.0

289

#424

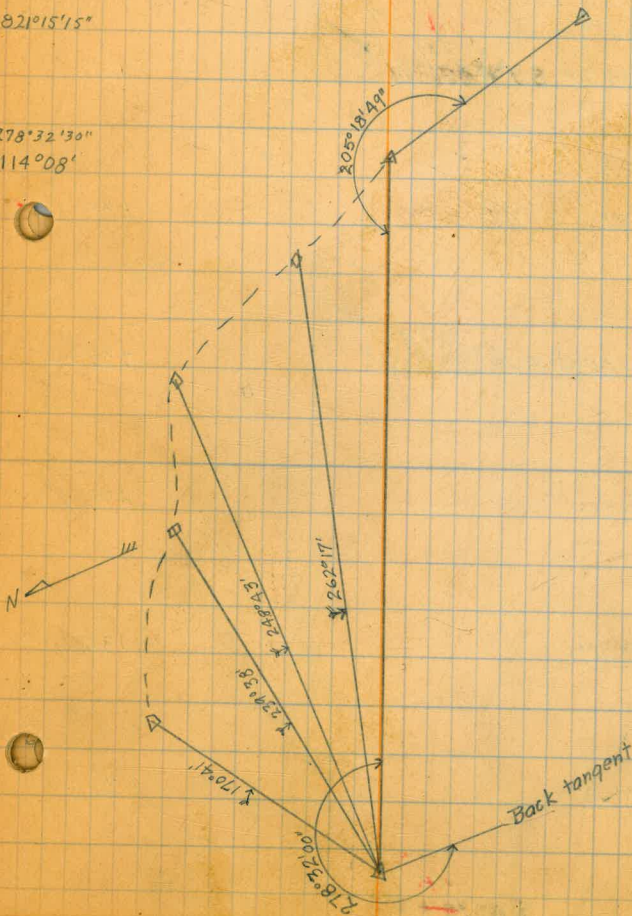
~~288~~ + 50.65 Δ

15.1 ✓

N 42°~~22.1~~<sup>15.1</sup> E ✓

205°19'  
821°15'15"

278°32'30"  
114°08'



301 #437  
~~300~~ + 83.16 Δ

223°56'30" S 27°~~20.7~~ W

13.7 ✓  
13' 38" ✓

283.21 ✓

298 #436  
~~297~~ + 99.5 Δ

153°41'45" S 16°~~22.6~~ E

36.8 ✓  
36' 52" ✓

199.84 ✓

297 #435  
~~296~~ + 00.11 Δ

179°09'30" S 9°~~48.4~~ W

41.4 ✓  
41' 23" ✓

111.13 ✓

#434

173°18'

68.0

295 #433  
~~294~~ + 88.9 Δ

204°26'00" S 10°~~38.9~~ W

31.9 ✓  
31' 53" ✓

238.24 ✓

#432

184°26'

158.0

#431

181°02'

130.0

#430

167°52'

76.4

293 #429  
~~292~~ + 50.74 Δ

54.7 ✓  
513°~~47.1~~ E

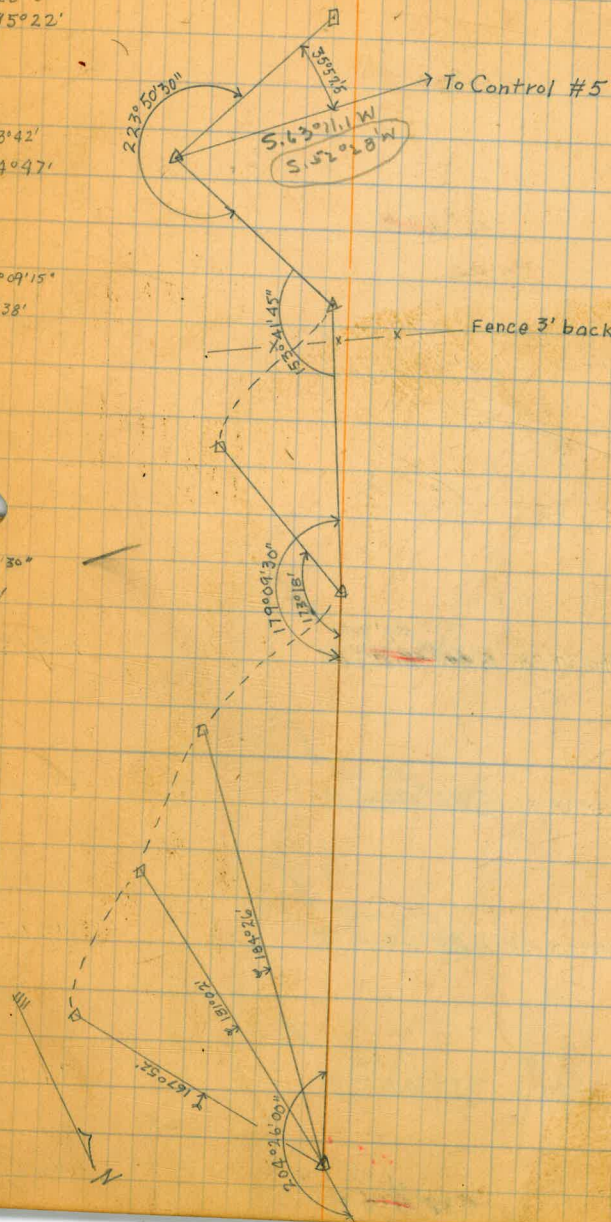
Grass

223°51'  
895°22'

153°42'  
614°47'

179°09'15"  
716°38'

204°26'30"  
817°44'



McCarty  
Soper  
Osborne

Gress

306

#441

~~305~~ + 89.65 Δ

140°37'38" N ~~49°18.8' E~~ <sup>51°49'24"</sup> ✓

295.03 ✓

140°38'

562°34'30"

303

#440

~~302~~ + 94.62 Δ

116°48'30" S ~~88°41.2' E~~ <sup>48' 1/2"</sup> ✓

57.49 ✓

116°49'

467°14'

303

#439

~~302~~ + 37.13 Δ

133°42'38" <sup>36.7</sup> ✓  
~~132°42'38"~~ S ~~25°22.7' E~~ <sup>36' 1/2"</sup>

76.79 ✓

133°43'

534°50'30"

302

#438

~~301~~ + 60.34 Δ

173°27'00" S ~~20°47.7' W~~ <sup>40.7</sup> ✓  
<sup>40' 38"</sup>

77.18 ✓

173°27'15"

67°14'

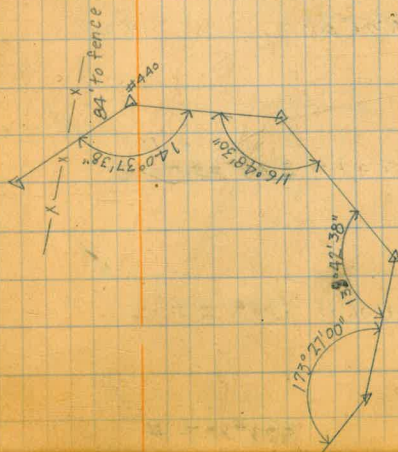
301

#437

~~300~~ + 83.16 Δ

13.7 ✓  
<sup>13' 38"</sup>  
S 27° ~~20.7' W~~

May 29



Rocks, Grass

314 #449  
~~313~~+50.66Δ  
 53°40'30" <sup>4°20'47"</sup> N7°50.1 E  
 265.27 ✓

#448  
 50°55' 7°17' 175.0

#447  
 69°31' 9°48' 72.5

#446  
 112°33' 15°51' 65.0

#445  
 173°24' 17°33' 50.0

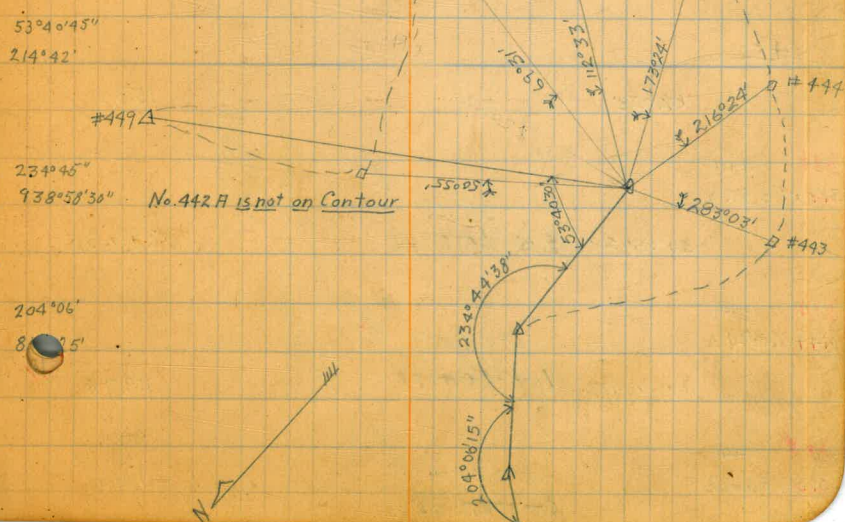
#444  
 216°24' 19°15' 63.0

#443  
 283°03' 19°29' 49.0 265.27

311 #442A  
~~310~~+85.39Δ  
 234°44'38" <sup>4°19'43"</sup> S51°50.4 E  
 133.84 ✓

310 #442  
~~309~~+51.55Δ  
 204°06'15" <sup>7°55'39"</sup> N73°25 E  
 361.90 ✓

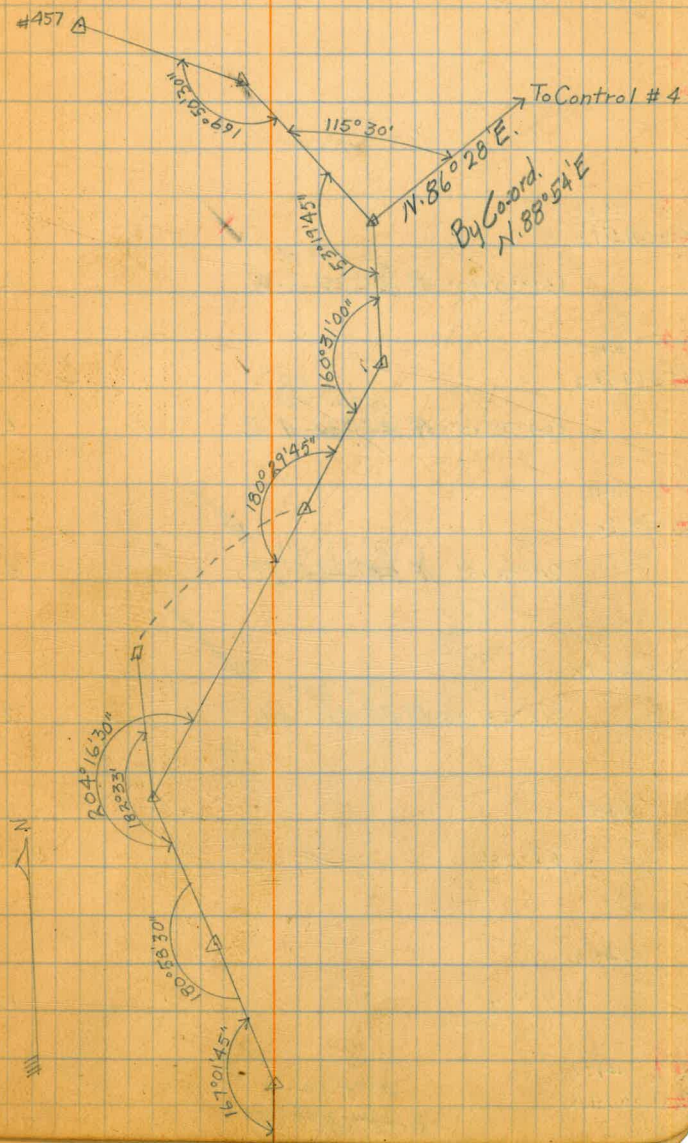
306 #441  
~~305~~+89.65Δ  
<sup>57°49'24"</sup> N49°18.8 E ✓



327 #457 <del>326</del> + 00.24 Δ	39° 11' 28" N 41° 21' W	206.08 ✓
324 #456 <del>325</del> + 94.16 Δ	29° 01' 58" N 31° 34.5' W	63.30 ✓
324 #455 <del>323</del> + 30.86 Δ	2° 02' 43" N 75° 43' W	58.48 ✓
323 #454 <del>322</del> + 72.38 Δ	17° 07' 17" N 14° 34.7' E	142.22 ✓
322 #453 <del>321</del> + 30.16 Δ	16° 37' 32" N 14° 44.9' E	371.34 ✓
#452		155.0
318 #451 <del>317</del> + 58.82 Δ	7° 38' 58" N 10° 11.6' W	290.38 ✓
315 #450 <del>314</del> + 68.44 Δ	8° 37' 26" N 11° 08.1' W	117.78 ✓
314 #449 <del>313</del> + 50.66 Δ	4° 20' 47" N 7° 50.1' E	Junel

McCarty  
Soper  
Webb  
Osborne

Brush



331

#463  
~~330~~ 58.59A

130°30'00" N <sup>2°54'58"</sup> ~~5°27.6~~ W

64.43 ✓

330

#462  
~~329~~ 94.16A

164°35'15" N <sup>02"</sup> ~~46°35'12"~~ 44°02.4' E

63.90 ✓

330

#461  
~~329~~ 30.26A

242°18'15" N <sup>61°59'47"</sup> ~~59°27.2~~ E

54.92 ✓

329

#460  
~~328~~ 75.34A

218°53'00" N <sup>0°18'28"</sup> ~~2°51~~ W

275.10 ✓

#459

66°28'

293.0

#458

27°06'  
(From #460)

122.0

327

#457  
~~326~~ 00.24A

<sup>39°11'28"</sup>  
N41°44' W  
~~N42°28' E~~

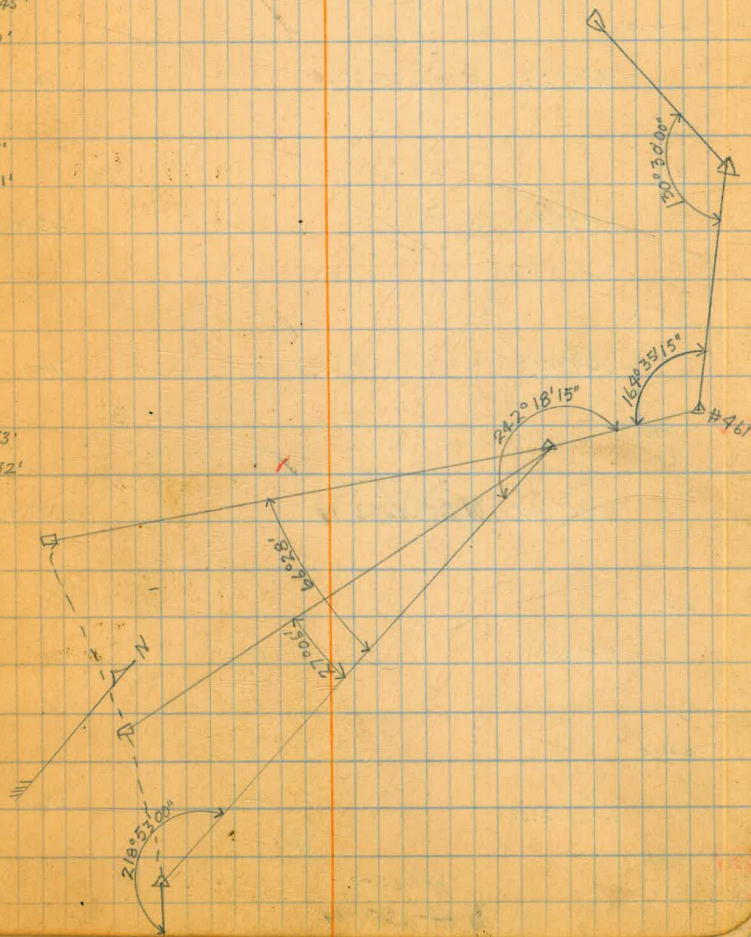
Brush

130°27'45"  
522°00'

164°35'  
658°21'

242°18'  
969°13'

218°53'  
875°32'





335

#470

~~334~~ + 94.73 Δ

40° 38' 17" X

242° 05' 45" N 38° 05.7' E

230.32 ✓

#469

231° 37'

176.5

#468

199° 41'

62.0

#467

167° 52'

79.1

333

#466

~~332~~ + 64.41 Δ

21° 27' 28" X

161° 27' 30" N 24° 00.1' W

205.82 ✓

#465

16° 23'

1° 29'

64.2

#464

1° 03'  
(From #466)

166.0

331

#463

~~330~~ + 58.59 Δ

2° 54' 58" X

N 5° 27.6' W

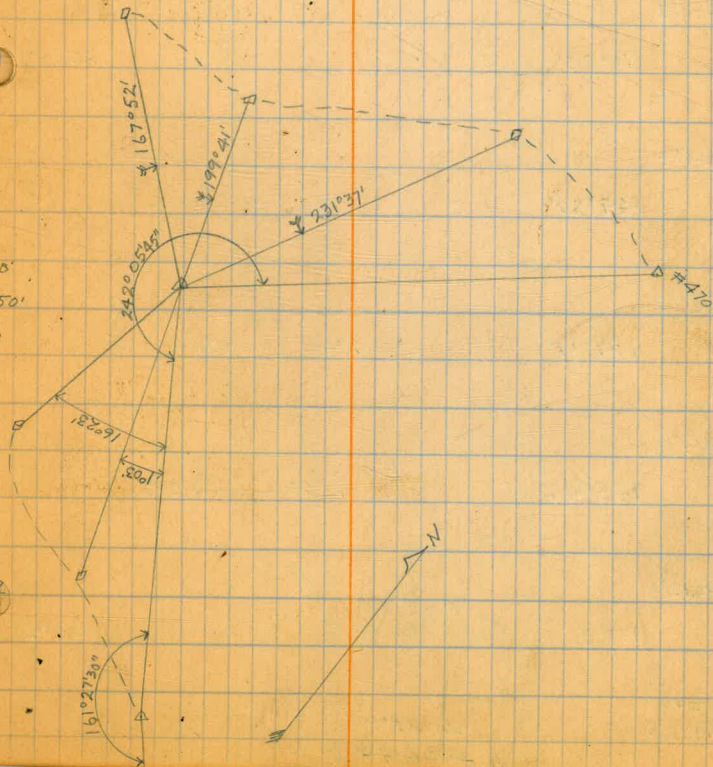
Rocks, brush

242° 06'

968° 23'

161° 28'

645° 50'



Rocks, brush

339 #476  
550+59.690

169°52'30" N 1°04'51" E  
~~16°37.6 W~~

16.56 ✓

339 #475A  
550+43.130

150°33'22" N 9°02'39" E  
~~6°30.1 W~~

239.98 ✓

#475

150°35'

207.0

#474

144°20'

1°50'

160.0

#473

139°17'

2°40'

151.0

#472

143°47'

2°33'

132.0

337 #471  
556+03.150

177°51'00" N 38°29'17" E  
~~35°56.4 E~~

108.42

293

335 #470  
554+94.730

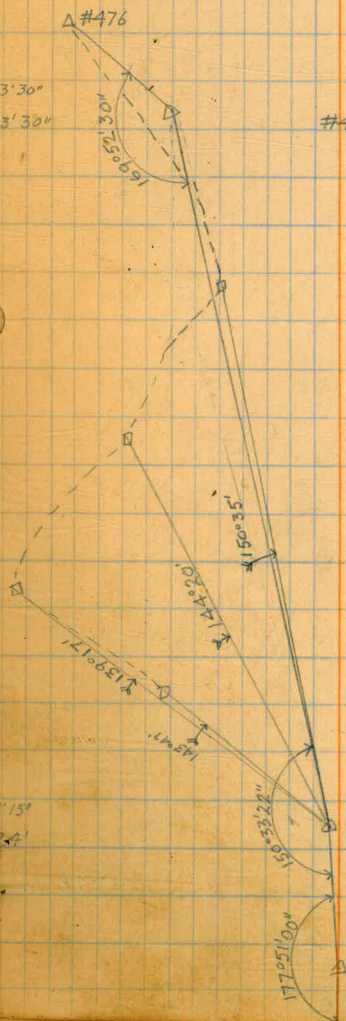
40°38'17" N  
~~38°15.4 E~~

169°53'  
679°30'

Δ #476

150°33'30"  
602°12'30"

#475A is not on Contour



51'15"

8.2'

150°33'30"  
177°51'00"

340

#477

~~377~~+0845A

27°29'36"  
153°35'15" N 43°22'4" W



339

#476

~~338~~+5969A

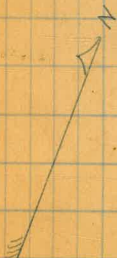
1°04'51"  
N 16°37.6' W



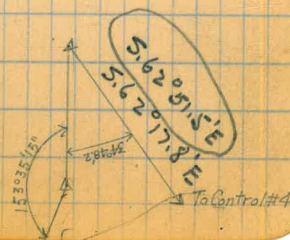
48.76

153°35'00"

21'00"



Here 4:45 P.M. June 1



H. 148

T<sub>1</sub> T<sub>5</sub> J 309-41 3-33 1110

Pages

Abandoned

1-4 - Peg line from lakeside to

San Vicente - Party -

Converse - Inst. McCarty - Notes

Leach - Notes Simpson - Rod.

4-7 - Peg line from lakeside to

San Vicente - Party -

Leach - Inst. Reynolds - Rod

Ruplinger - Rod

7-12 - Peg line from lakeside

to San Vicente - Party -

Ruplinger - Inst. Leach - Notes

Toad - Rod Anderson - Rod

over

Page

12-15 Peg line from Lakeside  
To San Vicente - Party -  
SIMPSON-INST. RUPLINGER-ROD  
SOPER-ROD

15-22 - Profile axis DAM -  
San Vicente - left side  
Party - SIMPSON-INST.  
RUPLINGER-ROD SOPER-ROD

22-25 . Peg line axis DAM  
Rt side Party - SIMPSON-INST  
RUPLINGER-ROD SOPER-ROD

L  
 Mar. 25, 1926  
 Party  
 Converse Chief  
 McCarty - Notes  
 Leach - Notes  
 Simpson - Rod

+	π	-	Elev.
			400.256
		2.708	407.143
4.595	404.851	<del>2.499</del> 2.500	407.352
11.500	413.643	0.578	413.065
6.366	419.431	8.362	411.069
2.387	413.456	6.595	406.861
0.623	407.489	8.647	398.837
4.349	403.188	3.903	399.283
4.078	403.661	7.113	399.248
		8.457	394.904
3.304	398.208	5.665	392.543
6.630	399.173	6.745	392.428
4.455	396.883	5.270	391.613
7.452	399.065	1.612	397.453
12.258	409.711	7.160	402.551
		3.475	
		6.315	406.236
6.316	412.552	2.483	410.069
		6.275	406.277

Cloudy and Warm R.

B.M.

+	π	-	Elev.
			400.256
4.595	404.851	2.499	402.352
11.294	413.646	0.578	413.068
6.366	419.439	8.366	411.068
2.390	413.458	6.458	407.000
0.488	407.488	8.647	398.841
4.349	403.188	3.895	399.295
4.070	403.365	7.113	399.252
		8.514	394.851
3.357	398.208	5.588	392.620
6.549	399.169	6.688	392.481
4.396	396.877	5.287	391.590
7.467	399.057	1.702	397.355
12.348	409.703	7.160	402.543
		3.493	
		6.330	406.210
6.330	412.540	2.483	410.057
		6.295	406.245

(#1) in Pepper tree near oil station  
 (#2) Tel. Pole # D-9134T North of Hardware Store  
 (#3) Co. B.M. # 23 El. 399.335  
 (#4) End Pole N. end La. Reside Bridge  
 (#5) Co. B.M. # 24 El. 410.157

+	π	-	Elev.
			406.277
5.988	412.265	4.288	407.977
6.704	414.681	3.167	411.514
7.368	418.882	7.560	411.322
		7.928	410.954
9.760	420.714	3.797	416.921
4.300	421.221	7.734	413.887
3.257	416.714		
		4.750	411.994
		5.433	411.311
5.990	417.301	4.515	412.786
5.491	418.277	4.034	414.243
		4.348	413.929
5.530	419.159	4.238	415.221
		4.197	415.312
5.530	420.842	3.435	417.407
6.090	423.497	3.322	420.175
		3.675	419.822

+	π	-	Elev.	B.M.
			406.295	
6.007	412.252	4.340	407.912	
6.755	414.667	3.165	411.402	(#6) Co. B.M.
7.370	418.874	7.560	411.314	# 25 Elev. 411.400
		7.833	411.041	
9.664	420.705	3.796	416.909	(#7) West End San Vicente Creek Bridge - Pole Left wing wall.
4.305	421.214	7.734	413.880	
3.257	416.714			(#8) Co. B.M. # 26 Elev. 412.083
		4.750	411.987	
		5.402	411.335	
5.955	417.290	4.181	412.809	(#9) Co. B.M. # 26 1/2 Elev. 419.395
5.456	418.265	4.034	414.231	
		4.326	413.939	(#10) Co. B.M. # 27 Elev. 415.281
5.500				
5.497	419.439	4.238	415.201	
		4.196	415.243	
5.575	420.818	3.421	417.397	(#11) Head of bolt in Tel. pole # 24232 - Same pole as Co. B.M. # 27 1/2
6.078	423.475	3.322	420.153	
		3.636	419.839	



PART

+	T	-	Elev.
			419.822
5.440	425.262	3.524	421.738
		4.232	421.03A
4840	425.870	4.416	421.454
5.972	427.426	4.379	423.047
		5.658	423.768
5.752	429.520	3.358	426.162
6.287	432.449	4.100	428.349
		4.088	428.361
5.301	433.722	3.092	430.630
5.943	436.573	3.904	432.669
		4.000	432.573
6.113	438.686	3.210	435.476
5.873	441.349	4.640	436.709
		4.576	436.773
5.535	442.308	4.344	437.964
		4.736	437.572
6.038	443.610		

3.

+	T	-	Elev. B.M.
			419.839 (#12) Co. B.M. # 28 Elev. 421.842
5.402	425.241	3.524	421.717
		4.172	421.069
4.777	425.846	4.393	421.453 (#13) Co. B.M. # 28 1/2 Elev. 423.112
5.947	427.480	4.379	423.021
		3.630	423.770
5.718	429.488	3.292	426.196 (#14) Co. B.M. # 29 Elev. 428.433
6.228	432.424	4.000	428.324
		4.070	428.354
5.348	433.702	3.069	430.633 (#15) Power Pole # Same Pole as Co. B.M.
5.924	436.557	3.904	432.653
		3.938	432.619
6.050	438.669	3.172	435.497 (#16) Co. B.M. # 30h
5.835	441.332	4.640	436.692 Elev. 436.789
		4.546	436.786
5.503	442.289	4.344	437.945 (#17) Co. B.M. # 31 Elev. 438.051
		4.683	437.606
5.985	443.591		

Mar. 26, 1926

Pit

+ T - Elev.

443.610 3.512 440.098

6.130 446.228 2.608 443.620

0.730 445.898

12.942 458.440 6.402 452.038

Mar. 26

4.995 456.533 6.238 450.295

5.168 455.463 6.407 449.056

4.828 453.884 2.323 451.486

4.760 449.124

5.787 452.911 2.128 452.303

5.551 459.854 4.792 453.062

2.846 455.008

7.910 462.908 4.300 458.608

4.644 463.252 1.362 461.890

9.340 471.230 8.029 463.203

2.922 468.308

4.

+ T - Elev. B.M.

443.591 3.508 440.083

6.123 446.206 2.608 443.598

0.668 445.538

12.882 458.420 6.360 452.060

4.951 456.511 6.238 450.273

5.168 455.441 6.440 449.001

4.856 453.857 2.389 451.468

4.782 449.075

5.805 452.880 2.580 452.300

5.522 459.822 4.792 453.030

2.820 455.000

7.877 462.877 4.367 458.510

4.710 463.220 1.265 461.955

9.246 471.201 8.027 463.174

2.747 468.754

(#18) Power Pole # 72907 91' turn 20' L pavement

(#19) Power Pole # 73997 15' L pavement

(#20) Tel Pole # 024057 End of Pole 20' L pavement

(#21) O.S.M. #34 E. 453.162 91' L pavement

(#22) Scribe Ece Post Lot Road Near Sand Pit

Ryd Harold  
 + #1 + #2 T #1 T #2 - #1 - #2

6.231 423.891  
 1.197 1.558 7.054 7.418  
~~417.562 417.534 417.531~~  
 3.478 3.195 4.730 410.713

**Void**  
**Good from here - on.**

6.311 423.471  
 1.256 1.616 417.59 417.591  
 10.347 10.07  
 10.348 10.071

3.487 3.208 410.730 410.729  
 3.670 4.772

4.272 5.211 411.332 411.329  
 2.463 2.832

10.040 10.412 418.908 418.910  
 8.173 7.941

2.763 2.530 413.498 413.497  
 5.988 5.841

El. #1 El. #2 B.M's

417.160 #47 Nail in Tel. Pole #25773 2" L. Sta. 415708

416.337 415.973

407.252 407.55

416.336 415.975

407.244 407.521

407.060 405.958 407.1 - Borden's elev. 407.242

408.867 408.498 408.867 B.M. #1, San Vicente. Nail in Root, Paper Tree. Front Filling Station, Eddy Place

410.735 410.967 410.735 B.M. #2, S.V. Line. Nail in D. 25076 T. Tel. Pole.

407.510 407.657

**Void**

+ #1 + #2     $\pi$  #1  $\pi$  #2    - #1 - #2

#1 E1 #2 B.M.'s

1.510 407.657

399.189

9.593 10.932

410.121

2.610 2.465 410.120 410.122

403.852

10.578 10.932

4.309 4.664 393.852 403.853

403.099

5.047 5.845

4.238 5.038 403.043 403.045

402.684

4.733 4.478

4.370 4.113 402.683 402.608

403.484

3.468 4.121

4.271 4.927 398.834 403.486

399.393

8.291 9.000

4.199 4.910 399.392 399.394

398.865

5.326 5.736

4.800 5.206 398.867 398.863

4.650 5.515

5.426 6.291 399.641 399.641

396.972

5.057 4.862

2.389 2.193 396.973 396.972

B.M.#3 S.V. Line nail  
in Tel. Pole # D9134T  
North of Hardware Store

98.311 398.666

B.M.#4 S.V. Line Co. B.M.  
#23 RR Spike in Cottonwood  
Front of Einar's Garage  
E1. 399.335

9.212 398.559 399.212

B.M.#5 S.V. Line nail in  
Cottonwood-South end  
Lakeside Bridge near West  
ring wall.

395.193 394.984 395.193

394.067 393.657

B.M.#6 S.V. Line nail in  
Pile West side about 1/2 way  
across Lakeside Bridge

394.215 393.350

394.584 394.779

+ #1	+ #2	T #1	T #2	- #1	- #2
		396.972			

		396.714		3.410	4.668
--	--	---------	--	-------	-------

3.152	4.409	396.714	396.713		
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		396.216		2.829	4.885
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2.330	4.388	396.215	396.217		
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		405.544		-.098	2.128
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11.426	11.457	405.544	405.545		
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		409.630		3.021	1.223
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7.108	5.309	409.631	409.630		
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		411.276		4.656	4.528
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6.301	6.175	411.275	411.277		
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		412.276		3.660	3.583
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4.659	4.583	412.275	412.276		
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Ryk				2.249	3.568
-----	--	--	--	-------	-------

10					
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				4.191	
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2					
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EI #1	E #2	B.M.'s
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393.562	392.304	
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393.885	391.829	
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394.118	394.088	
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402.523	404.321	402.523
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404.974	405.102	
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407.676	407.693	
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410.027	408.708	410.027
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B.M.#7 End Pile North  
Road Lakeside Bridge

B.M.#8 - Co. B.M.#20 1/2  
E1.410.157

10-4-100 Todd T.  
Leachy rd  
Ind

Mo. 27 '26  
Cloway of Harm

+ #1 + #2 T #1 T #2 - #1 - #2

1.230 2.547 411.256 411.255

4.289 4.980 412.302 412.301

5.820 5.713 413.888 413.886

5.906 5.482 415.452 415.450

12.624 11.685 423.906 423.908

2.567 2.640 421.404 421.404

4.436 4.427 421.626 421.628

4.185 4.163 420.430 420.429

6.992 6.794

El. #1 El. #2 B.M. #

407.1027 408.708

407.313 407.321

408.070 408.173

409.748 409.968

411.281 412.223 411.281 B.M. #9

418.836 418.764

417.189 417.201

416.246 416.266

413.438 413.636 413.438 B.M. #10

C. Bench No 25  
El. 411.400

West End San Vicente Creek Bridge  
Pile-Left Wing-wall

+ #1 + #2 #1 #2 - #1 - #2

418.620

5.163 4.984 ~~418.621~~ ~~418.620~~

7.967 7.986

416.470

5.818 5.834 ~~416.471~~ ~~416.468~~

4.526 5.318

416.807

4.861 5.657 ~~416.805~~ ~~416.809~~

4.211 4.562

417.968

5.372 5.723 ~~417.968~~ ~~417.968~~

418.886

5.108 5.720 ~~418.888~~ ~~418.884~~

4.188 4.804

420.406

5.286 5.862 ~~420.407~~ ~~420.405~~

3.705 4.343

421.972

4.791 6.039 ~~421.973~~ ~~421.972~~

3.224 4.473

424.076

5.983 6.723 ~~424.076~~ ~~424.077~~

3.879 4.118

3.964

3.946 4.577

9.  
E1 #1 E1 #2 B.M.

413.438 413.636

410.653 410.634

San Vincente Co. B.M. #124  
E1. 412.023  
411.944 411.152 411.944 B.M. #11 spike in pole 24' L.

412.536 412.245

March 30, '26

Lead - X  
Rip - Rec  
And 3 Rod.  
Tot

413.780 413.164

415.181 414.543

Rail R. spike  
in

San Vincente #H-73350 24' L.

417.182 415.933 417.182 B.M. #12

418.093 417.854

B.M. #13 Head of bolt in  
Tel. Pole #24232 Same  
pole as Co. B.M. #274

420.112

420.112

420.130 419.999



4.30  
Ruplinger - T  
Leach - Notes  
Todd - Rod  
Anderson -

T #1	T #2	T #1	T #2	- #1	- #2
		425.204			
5.076	5.704	425.206	425.203		
		425.530		4.758	4.951
5.083	5.277	425.529	425.530		
		425.982		3.847	4.630
4.300	5.081	425.983	525.981		
		426.236		4.938	5.069
5.190	5.324	426.234	426.237		
		427.480		3.231	4.25
4.474	5.497	427.479	427.480		
		429.128		4.316	4.418
5.964	6.067	429.128	429.129		
		431.038		3.649	3.953
5.559	5.862	431.038	431.039		
		432.534		2.723	4.227
4.218	5.723	432.533	432.534		
				4.392	4.391
4.727		432.539	432.189		

EI #1 EI #2 B.M's  
420.130 419.499

420.446 420.253

421.683 420.900 421.683 EI. 421.842

421.044 420.913

423.005 421.983 423.005 EI. 423.112

423.164 423.062

425.419 425.175

428.315 426.811 428.315

428.262 428.143

B.M.#14 - Co. B.M.#28 - R.R.  
Spike in Power Pole #72858

B.M.#15 Co. B.M.#28 1/2 RR  
Spike in Tel. Pole.

Co. B.M.#29 R.R. Spike in Power Pole #72860 EI. 425.433

B.M.#16

+ #1 + #2 T #1 T #2 - #1 - #2  
433.189

6.352 6.340 435.878 ~~435.879~~  
3.663 3.650

4.978 5.389 436.958 ~~436.959~~  
3.663 3.650

5.595 5.836 438.241 ~~438.240~~  
3.900 4.302

5.584 5.748 440.455 ~~440.458~~  
4.36.958  
3.369 3.530

5.030 5.241 441.726 ~~441.729~~  
440.456  
3.760 3.973

5.442 5.600 442.165 ~~442.162~~  
441.725  
5.002 5.163

3.886 4.407 441.840 ~~441.843~~  
442.164  
4.210 4.728

5.931 5.792 443.459 ~~443.459~~  
441.842  
4.314 4.175

El. #1 El. #2 B.M. #

2x2 Hub with nail at  
Power Pole #73977, 24' L  
429.526 429.539 429.526 B.M. #17 (Our B.M.)

431.928 431.570  
Nail in Power Pole #73982  
(Co. B.M. Destroyed #30)  
432.646 432.404 432.646 B.M. #18

434.871 434.710  
BM #19 - Co. B.M. # 30 1/2 on  
Power Pole #73985  
436.696 436.483 436.696 El. 436.789

436.723 436.562  
B.M. #20 Co. B.M. # 31 on  
Power Pole #72902  
437.954 437.337 437.954 El. 438.051

437.528 437.667

March 31,

Simpson T  
Riplinger Rod  
Soper Rod

Cloudy and warm

12.

+ #1	+ #2	⊥ #1	⊥ #2	- #1	- #2	EL #1	EL #2	B.M.'s
		443.459		3.791	3.735	439.668	439.724	

5.931	5.877	445.599	445.600					
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B.M.# 21 Power Pole #  
72907 At Turn 20' L pava-  
ment.

44 3.609 442.759 443.609

March 31,	+ #1	+ #2	⊥ #1	⊥ #2
	9.417	10.267	453.026	453.026

453.026

1.991 2.841

452.202 452.215

458.370

0.824 0.811

6.169	6.155	458.371	458.370					
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5.571 5.391

452.799 452.979

456.625

3.826	3.646	456.625	456.625					
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6.339 4.994

450.286 451.626 450.286

B.M.# 22 Power Pole #  
73997

455.654

5.367	4.030	455.653	455.656					
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6.160 5.906

449.994 449.748

453.618

4.123	3.870	453.617	453.618					
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4.720 4.850

448.898 448.768

453.649

4.750	4.882	453.648	453.650					
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2.761 3.649

451.488 450.000 451.488 21281

B.M.# 23 Power Pole

454.484

2.995	4.484	454.483	454.484					
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4.022 3.780

450.462 450.704

457.054

6.591	6.350	457.053	457.054					
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March 31

13.

+ #1	+ #2	T #1	T #2	- #1	- #2
		457.054		B.M. 3.998	
		458.119		4.449	3.231
5.515	4.295	458.120	458.118		
		463.222		2.417	1.013
7.520	6.115	463.222	463.221		
		463.523		4.972	5.200
5.273	5.501	463.523	463.523		
		471.254		B.M. 0.331	
		471.255	471.252	1.607	1.646
9.339	9.375	471.255	471.252		
		477.542		B.M. 4.809	
		477.541	477.542	4.219	4.217
10.506	10.505	477.541	477.542		
		479.876		3.015	3.055
5.350	5.389	479.877	479.876		
		483.262		B.M.	
		483.261	483.264	3.050	4.767
6.435	8.155	483.261	483.264		
		485.788		2.997	3.038
5.524	5.564	485.789	485.789		
		485.788		9.293	8.461

Elev. #1	Elev #2	B.M.	
452.605	453.823	B.M. #24	R.R. Spike in Root of Oak Tree 25' Rt. pavement
455.702	457.106		
458.250	458.022		
461.916	461.877	B.M. #25	Spike in fence post 1st. Road near Sand Pt
467.035	467.037	B.M. #26	Hub Nailed to fence post 15' left of Road
474.527	474.187		
476.826	476.826	B.M. #27	Point on Concrete Culvert Near Axis of Dam 3' R of Road
475.109	475.109	B.M. #27 1/2	Point on High point of Large Rock 15' L of Road Near Axis of Dam
480.265	480.224		
476.495	477.327		

March 31

14.

+ #1	+ #2	- #1	- #2	- #1	- #2	Elev #1	Elev #2	B.M.
2.803	1.974	479.298	479.301	479.300	4.612	476.475	477.527	
						474.688	474.688	check on Cd. B.M. No. 36 in Oak Tree Elev. 474.733

Profile of axis of Dam

15.

Sta	+ #1	+ #2	T #1	T #2
	5.760		980.869	
0+00				
0+02				
0+08				
0+25				
0+50				
TP			473.334	
	4.826	5.072	473.335	473.333
0+68				
0+78				
1+00				
1+15	Center of stream			
1+50				
1+69				
TP			481.584	
	10.246	9.808	481.585	481.584
1+75				

- #1	- #2	Elev #1	Elev #2
		475.109 B.M. N <sup>o</sup> 27 1/2	
4.2		476.7	
4.6		476.3	
9.4		471.5	
9.5		471.4	
11.5		469.4	
12.360	12.608	468.509	468.261
11.3		462.0	
12.8		460.5	
12.4		460.9	
14.3		459.0	
14.0		459.3	
11.0		462.3	
1.995	1.558	471.339	471.776
6.9		474.7	

April 11

Simpson T  
Ruplinger Rod  
Soper Rod

Warm + Cloudy

16

Sta	+ #1	+ #2	T #1	T #2
1+90			961.584	

2+00				
TP			490.724	
	10.822	10.889	490.725	490.723

TP			500.843	
	10.705	10.703	500.842	500.844

2+12				
2+25				

TP			510.300	
	9.907	10.875	510.299	510.302

2+35				
TP			520.569	

	11.820	12.016	520.569	520.569
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2+50				
TP			530.924	

	11.660	11.918	530.923	530.924
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2+65				
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- #1	- #2	Elev #1	Elev #2
8.8		472.8	
0.5		481.1	
1.681	1.750	479.903	479.834
0.587	0.583	490.137	490.141
11.8		489.0	
5.0		495.8	
0.451	1.416	500.392	499.427
8.9		501.4	
1.551	1.747	508.749	508.553
8.7		511.9	
1.306	1.563	519.263	519.006
9.2		521.7	

Sta	+ #1	+ #2	- #1	- #2
		530.924		

2	TP		540.462	
		10.651	11.192	540.461 540.462

	2+75			
	TP		550.977	
		11.496	11.171	550.978 550.976

	TP		561.902	
		19.098	11.920	561.901 561.904

	2+90			
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	3+00			
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2	3+15			
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	3+25			
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	TP		572.366	
		11.414	11.444	572.365 571.368

	TP		582.245	
		11.285	11.288	582.246 582.244

	3+40			
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	3+50			
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- #1	- #2	Elev #1	Elev #2
1.114	1.654	529.810	529.270

11.2		529.3	
0.980	0.657	539.482	539.805

2.174	0.993	548.803	549.984
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19.5		542.4	
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11.5		550.4	
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3.7		558.2	
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0.7		561.2	
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0.951	0.978	560.951	560.924
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1.405	1.410	570.961	570.956
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12.7		569.5	
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5.7		576.5	
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Sta	+ #1	+ #2	T #1	T #2
			582.245	

TP			588.739	
	7.393	7.469	588.740	588.738

TP			600.586	
	11.925	11.878	600.586	600.585

3+65

3+75

TP

			611.708	
	11.790	11.622	611.707	611.708

3+83

3+92

4+00

4+06

Hvb 1610 contour supposedly

TP

			623.004	
	12.832	12.925	623.006	623.003

TP

			634.794	
	12.574	12.524	634.794	634.794

4+50

18.

- #1	- #2	Elev #1	Elev #2
0.898	0.976	581.347	581.269
0.078	0.032	588.661	588.707
12.724	-	576.015 - B.M. No 28 Nail in tree stump Sta 3+45 5' R	
14.0		586.6	
7.7		592.9	
0.619	0.500	599.967	600.086
15.5		596.2	
7.5		604.2	
5.9		605.8	
1.8		609.9	
1.534	1.630	610.174	610.078
0.784	0.734	622.220	622.270
15.5		619.3	

Sta	#1	#2	#1	#2
			634.794	

TP

			646.098	
12.571	11.810	646.099	646.098	

5+00

TP

			658.357	
12.359	12.560	658.359	658.355	

5+50

5+65

5+75

5+82

5+92

5+94. Small Wash

TP

			669.642	
12.700	12.264	669.643	669.641	

6+00

6+18

6+25

#1	#2	Elev #1	Elev #2
1.266	0.506	633.528	634.288
10.4		635.7	
	6.539	639.559	
			B.M. #29 1 R Sta 5+00 Stump of oak Tree
0.098	0.303	646.000	645.795
8.2		650.2	
6.7		651.7	
7.3		651.1	
3.6		654.8	
1.6		656.8	
3.5		654.9	
1.414	1.580	656.943	656.777
10.6		659.0	
4.4		665.2	
2.3		667.3	

Sta. + #1 + #2 T #1 T #2  
669.642

TP  
681.526  
12.495 12.244 681.526 681.525

6+40  
TP  
693.586  
12.555 12.926 693.586 693.524

6+50  
6+58  
TP  
704.662  
12.420 12.350 704.660 704.663

TP  
713.608  
10.046 10.762 713.608 713.609

7+00  
TP  
724.680  
12.227 12.382 724.678 724.681

7+15.7

7+25

7+30

- #1 - #2 Elev #1 Elev #2  
0.611 0.361 669.031 669.281

4.5 677.0  
0.495 0.665 681.031 680.861

13.2 680.4  
10.9 682.7  
1.346 1.273 692.240 692.313

1.100 1.815 703.562 702.847  
5.6 708.0

1.157 1.309 712.451 712.299  
11.6 713.1

7.7 717.0  
2.4 722.3

Sta + #1 + #2 π #1 π #2  
724.680

736.054  
12.042 12.079 736.054 736.053

7+50

TP

747.508  
11.563 12.143 747.508 747.508

7+84.6

TP

754.962  
8.460 8.701 754.962 754.961

- #1 - #2 Elev #1 Elev #2

21.

6.668 9.706 724.012 723.974

7.9 728.2

0.109 0.689 735.945 735.365

3.8 743.7

1.006 1.248 746.502 746.260

2.218 B.M. # 31

745.290 - Elev. Nail in Large Oak Tree  
35' L Sta 7+60

April 2

Regline axis of Dam  
ft. sideSIMPSON T  
Ruplinger - Rob  
Soper - Rob

Sta	+	T	-	Elev.
				476.826
12.324		489.150		
			1.034	488.116
12.312		500.428		
			0.444	499.984
12.261		512.245		
			0.768	511.477
12.231		524.308		
			1.060	523.248
11.781		535.029		
			1.414	533.615
12.530		546.145		
			0.902	545.243
12.562		557.745		
			0.138	557.607
11.119		568.726		
			0.454	568.272
10.907		579.179		
			0.343	578.836

Warm + Cloudy

22.

B.M. in Culvert No 27

Sta.	+	-	Elev.
			578.836
12.733	591.569		
		0.955	590.614
12.957	603.071		
		0.505	602.566
12.513	615.079		
		0.751	614.328
12.674	627.002		
FP+B.M.	# 29 1/2	3.989	623.013 Elev.
12.813	635.826		
		0.316	635.510
12.144	647.654		
		1.127	646.527
12.102	658.629		
		0.662	657.967
12.167	670.134		
		0.162	669.972
11.712	681.684		
		1.073	680.611

Hub. 10' R axis of D.M.

Sta	+	+	-	Elev.	
				680.611	
	12.139	692.750			
FF + B.M.	#30		1.643	691.107	Hub 35' R. axis of Dam

	11.403	702.510			
			0.854	701.656	
	10.857	712.513			
			0.681	711.832	
	11.821	723.653			
			0.608	723.045	
	12.543	735.588			
			0.433	735.155	
	10.171	745.326			
			1.878	743.428	

	10.534	753.962			
B.M.	#30 1/2		3.206	750.956	Hub 12' L axis of Dam.



SIMPSON - INST.  
 RUBINER - ROD.  
 SOBER - "

April-2	+	π	-	Elev.
				745.290 B.M. #31
9.068		754.358		
			3.464	750.894
9.315		760.209		
			10.122	750.087
8.131		758.218		
			6.626	751.592
4.101		755.693		
			8.955	746.738
4.390		751.128		
			4.265	746.863
11.089		757.952		
			7.745	750.207
10.266		760.473		
			5.034	755.439
0.245		756.384		
			4.330	752.054
6.155		758.209		
			3.794	754.415

5' North #3 Contour

Rock 3' ahead #7

Rock 15' ahead #10

Rock 5' back #13

Rock 7' above #16

100' Back #17 Peg

52' ahead #17 Rock

SIMPSON - INST.

R. L. L. 2

SIMPSON - INST.

Reynolds - Rod

Isbell - "

26

April-20

+

x

-

Elev.

759.915

7.379

761.794

6.037

755.057

X

4.015

759.772

6.032

753.740

3.620

757.360

5.335

752.025

5.323

757.398

6.232

751.116

10.122

761.238

10.173

751.065

9.826

760.871

7.893

752.978

4.130

757.128

6.215

750.913

4.924

755.837

6.146

749.691

10.269

759.960

4.684

755.276

100' Back #20

50' ahead #20

200' ahead #21

30' ahead #22

10' ahead #24

40' ahead #27

30' Back #28

3' Back #30

50' Back #32

Simpson - 1st.  
Reynolds - Rod  
Isbell - "

April-21	+	π	-	Elev.
				755.276
6.42		761.318		
		9.664	751.654	
4.207		755.861		
		6.509	749.352	
8.844		758.196		
		8.083	750.113	
11.526		761.639		
		11.907	749.732	
4.693		754.425		
		4.571	749.854	
6.186		756.040		
		5.417	750.623	
10.025		760.648		
		10.405	750.243	
7.921		758.164		
		7.921	750.243 ✓	
4.551		754.494		
		5.055	749.739	

CLEAR AND WARM.

27.

175' Back # 36 -

35' ahead # 36 -

5' Back # 39 -

200' Back # 40 -

2' Back # 47 -

	+	π	-	Elev.
				749.739
4.305		754.044		
			4.902	749.142
5.071		754.213		
			4.399	749.814
5.587		755.401		
			5.232	750.169
8.115		758.284		
			6.433	751.651
5.600		757.451		
			5.455	751.996
7.541		759.537		
			4.212	755.325
4.613		759.938		
			4.905	755.033
6.376		761.409		
			11.382	750.027 ✓
5.280		755.307		
			6.552	748.755

50' ahead # 65

60' ahead # 67

Simpson - Inst  
Reynolds - Rod  
Isbell - "

April-22	+	∩	-	Elev
				748.755
	8.743	757.498		
			8.465	749.033
	11.437	760.470		
			10.423	750.047
	8.705	758.752		
			10.269	748.483
	11.959	760.442		
			10.650	749.792
	5.230	755.022		
			10.966	744.056
	9.448	753.504		
			6.699	746.805
	11.957	758.762		
			5.666	753.096
	10.728	763.824		
			11.659	752.165
	9.338	761.503		
			11.810	749.693 ✓

4' Back #69

5' ahead #71

10' ahead #72

10' ahead #77

20' Back #78

25' ahead #79

80' Back #81

Simpson - Inst.  
Reynolds - Rod  
Isb #11

30.

April-23	+	X	-	Elev.	
				749.693	
	6.033	755.726			
			9.542	746.184	15' Back #82
	12.022	758.206			
			8.884	749.322	50' ahead #83
	9.855	759.177			
			6.685	752.492	
	5.738	758.230			
			8.295	749.335	3' Back #88
	7.580	756.915			
			9.231	747.684	10' ahead #90
	11.711	759.395			
			11.621	747.774	10' Back #92
	11.672	759.446			
			11.684	747.762	
	11.371	759.133			
			9.874	749.259	3' ahead #94
	10.553	759.812			
			10.552	749.259	3' ahead #94

Simpson - Inst.  
Reynolds - Rod  
Isbell -

CLEAR AND HOT

April-24 + π - Elev.  
749.259

10.324 759.583  
8.395 751.188

11.746 762.934  
11.481 751.453

8.950 760.403  
9.381 751.022

11.101 762.123  
8.905 753.218 ✓

APRIL-26.  
8.175 761.393  
11.619 749.774

10.194 759.968  
10.447 749.521

11.398 760.919  
11.447 749.472

10.822 760.294  
10.491 749.803

7.460 757.263  
9.350 747.913

50' Back #97

2' ahead #99

2' above #100

60' ahead #103

2' Below #105

40' ahead #108



Simpson - Inst.  
Reynolds - Rod  
Isbell - "

April-26

+      π      -      Elev.

747.913

10.632      758.545

8.863      747.682

10.965      760.647

11.215      749.432

10.834      760.266

11.708      748.558 ✓

#110

April-27

11.235      759.793

11.859      747.939

11.685      759.629

8.983      750.841

11.293      762.134

11.478      750.656

9.587      760.243

10.671      749.572

10.537      760.109

10.744      749.365

9.269      758.634

10.359      748.275 ✓

32.

3' Back #117

30' ahead #118

40' ahead #119

5' ahead #120

40' ahead #121

3' Back #126

7' Back #127

1' Below #132

SIMPSON - INST.  
Reynolds - Rod  
Isbell - "

CLEAR AND WARM.

33.

Apr. 27	+	π	-	Elev.
				748.275
10.029		758.304		
			9.302	749.002
9.973		758.975		
			8.795	750.180
11.394		761.574		
			11.645	749.929
11.862		761.791		
			11.383	750.408
11.837		762.245		
			11.547	750.698 ✓
April - 28 #138				
8.953		759.651		
			9.843	749.808
11.587		761.395		
			11.373	750.022
7.543		757.565		
			8.894	748.671
10.950		759.621		
			8.493	751.128

3' Back #133

42' ahead #135

6' above #137

100' ahead #138

50' ahead #139

25' Back #143

50' Back #146

35' Back #151

SIMPSON - INST  
REYNOLDS - ROD  
ISBELL - "

34.

April-28.	+	X	-	Elev.	
				751.128	
	10.719	761.847			
			11.726	750.121	30' ahead #153 on Rock
	5.796	755.867			
			4.698	751.169	20' Back #157 on Rock
	10.886	762.055			
			11.449	750.606	
	10.596	761.202			
			11.193	750.009	25' ahead #159
	11.541	761.350			
			11.323	750.227	60' Back #161
	10.722	760.949			
			10.722	750.227	60' Back #161
	3.846	754.073			
May-3 #162			4.789	749.284 ✓	
	8.983	758.267			
			8.826	749.441	
	10.355	759.796			
			9.839	749.957	50' ahead #166

SIMPSON-Inst.  
Reynolds - Rod

SIMPSON-Inst.  
Reynolds - Rod  
Isbell - axe  
Osborne - "

35.

MAY-3	+	x	-	Elev.
				749.957
11.811		761.768		
			11.597	750.171
9.931		760.102		
			6.936	753.166
2.880		756.046		
			6.061	749.985
MAY.4 - #175				
4.976		754.981		
			3.331	751.650
8.367		760.017		
			10.221	749.796
7.797		757.593		
			6.932	750.661 ✓
7.532		758.193		
			7.953	750.240
7.615		757.855		
			7.605	750.250 ✓
7.085		757.335		
			7.617	749.718

30' ahead #168

3' ahead #170

25' Back #171

30' ahead #180 on Rock

25' ahead #181

25' ahead #191

SIMPSON-INST.  
Saber - Rod.  
Isbell - axe  
Osborne - "

36

MAY-3	MAY 4-	+	T	-	Elev.
					749.718
	9.544		759.262		
				6.865	752.397
	7.526		759.923		
				10.241	749.682
	4.558		754.240		
MAY 4- #175				9.883	744.357
	10.909		755.261		
				4.737	750.524
MAY 5- #205	8.056		758.580		
				9.335	749.245
	10.591		759.836		
				10.211	749.625 ✓
	7.705		757.330		
				10.432	746.898
	10.014		756.912		
				6.158	750.754
	11.791		762.545		
				11.847	750.698

25' ahead #193

2' Back #196

20' ahead #201

10' Back #205

15' Back #209

10' Below #216

5' ahead #218

35' ahead #221

May 4	+	T	-	Elev.	
				749.718	
9.544		759.262			
			6.865	752.397	25' ahead #193
7.526		759.923			
			10.241	749.682	2' Back #196
4.558		754.240			
			9.883	744.357	20' ahead #201
10.909		755.261			
			4.737	750.524	10' Back #205
MAY 5- #205		758.580			
8.056			9.335	749.245	15' Back #209
10.591		759.836			
			10.211	749.625 ✓	
7.705		757.330			
			10.432	746.898	10' Below #216
10.014		756.912			
			6.158	750.754	5' ahead #218
11.791		762.545			
			11.847	750.698	36' ahead #221

Simpson - Inst.  
 SIMPSON-INST.  
 Simpson-Inst  
 Reynolds - Rod.  
 Isbell - "

Clear and Hot.

MAY-6 + \* - Elev.

750.357 ✓

10.838 761.195

11.609 749.586

9.316 758.902

9.107 749.795

11.692 761.487

11.452 750.035

10.473 760.508

10.701 749.807

MAY-7 #259 3.038 752.845

9.575 748.270

11.347 759.617

8.761 750.856

8.204 758.860

9.082 749.778

11.073 760.851

10.747 750.104

2.602 752.706

2.943 749.763

7' Back # 246

4' Back # 251

35' Back # 253

6' Back # 256

6' ahead # 261

7' ahead # 264

15' Back # 268

10' Back # 271

Simpson - Inst.  
Reynolds - Rod.  
Isbell - Ore  
Peter - "

	+	x	-	Elev.
				749.763
	10.987	760.750		
MAY-11 #271			10.994	749.756 ✓
	12.464	762.220		
			12.474	749.746
	12.031	761.777		
			11.033	750.744
	8.313	759.057		
			8.386	750.671
	12.903	763.574		
			12.139	751.435 ✓
	11.568	763.003		
			12.790	750.213
	12.355	762.568		
			12.106	750.462
	12.722	763.184		
			12.598	750.586
	12.110	762.696		
			12.811	749.885 ✓



50' Back #273

15' ahead #276

15' ahead #279

10' ahead #283

10' ahead #285

50' Back #289

40' ahead #290

40' Back #292

SIMPSON - Inst.  
Reynolds - Rod  
Isbell - Qxe.

40

	+	π	-	Elev.
MAY-12 #292				749.885
	8.204	758.089		
			8.674	749.415
	10.164	759.579		
			11.843	747.736
	10.191	757.927		
			11.543	746.384
	12.781	759.165		
			9.610	749.555
	11.982	761.537		
			11.282	750.254
	10.958	761.212		
			10.893	750.319
	12.197	762.516		
			12.282	750.234
	12.739	762.973		
			12.625	750.348
	10.436	760.784		
			11.152	749.632

6' Back #295

10' Back #297

50' ahead #301

6' ahead #305

25' ahead #307

1 1/2' Back #308

6' ahead #311

10' Back #313

1 1/2' Below #315

SIMPSON - Inst.  
Reynolds - Rod  
Isbell - "

41

	+	X	-	Elev.
				749.632
	7.712	757.344		
MAY-14 #322			5.859	751.485 ✓
	6.792	758.277		
			8.182	750.095
	9.217	759.312		
			9.165	750.147
	8.462	758.609		
			9.225	749.384
	10.339	759.723		
			8.693	751.030
	12.473	763.503		
			12.682	750.821
	10.343	761.164		
			11.283	749.881
	10.948	760.829		
			11.849	748.980
	11.717	760.694		
			11.354	749.343

100' BACK #322

30' ahead #324

25' ahead #329

10' BACK #331

5' BACK #333

2' BACK #338

3' Below #340

SIMPSON - Inst.  
Reynolds - Rod  
Isbell -

42

+ X - Elev.

749.343

8.999 758.342

7.968 750.374

20' BACK #346

9.645 760.019

10.111 749.908

40' BACK #348

12.965 762.873

12.562 750.311 ✓

MAY-15 #350

11.305 761.616 ✓

9.878 751.738 ✓

12.449 764.187 ✓

12.375 751.812 ✓

12.189 764.001 ✓

12.759 751.242 ✓

10.412 761.654 ✓

11.410 750.244 ✓

7.302 757.546 ✓

9.927 747.619 ✓

11.319 758.938 ✓

8.434 750.504 ✓

at. #371

MAY 24.

SIMPSON - Inst.  
REYNOLDS - Rod.  
ISBELL - Q.S.  
Bailey - "

43

	+	∓	-	Elev.
				750.504
10:30 AM.	9.320	759.824		
# 391			10.009	749.815
	9.976	759.791		
			9.759	750.032
	10.753	760.785		
			8.454	752.331
	8.245	760.576		
			11.017	749.559
	12.534	762.093		
			12.258	749.835
	12.403	762.538		
			12.386	750.152
	12.013	762.165		
			12.306	749.859
	6.261	756.120		
			11.977	744.143
	11.323	755.466		
			6.290	749.176

10' Back #375

50' Back #377

30' Back #378

40' ahead #379

30' ahead #381

20' ahead #384

15' Below #388

3' ahead #391

Simpson - Inst.  
Reynolds - Pool  
Isbell - "

44

	+	π	-	Elev.	
#391				749.176 ✓	
MAY-25-	9.325	758.501			
			9.566	748.935	40' ahead #394
	7.301	756.236			
			5.788	750.448	1' above #396
	10.216	760.664			
			11.137	749.527	
	7.670	757.197			
			7.638	749.559	4' Back #398
	10.443	760.002			
			11.401	748.601	50' Back #399
	11.673	760.274			
			10.918	749.356	75' ahead #400
	12.746	762.102			
			12.495	749.607	5' Back #403
	11.779	761.386			
			10.630	750.756	5' ahead #405 - Rock
	5.061	755.817			
			6.342	749.475 ✓	30' Back #409

Back 407

Simpson - Inst  
Reynolds - Rod  
Isbell - "

45.

f T - Elev.

749.475

11.083 760.558

11.121 749.437

10.683 760.120

11.068 749.052

10.461 759.513

9.977 749.536

11.305 760.841

10.271 750.570

12.127 762.697

12.426 750.271

12.404 762.675

12.763 749.912 ✓

# 423

MAY-27 11.188 761.100

12.337 748.763

10.534 759.297

9.252 750.045

10.023 760.068

10.233 749.835

50' ahead # 412

2' Below # 415

25' ahead # 417

50' ahead # 418

50' ahead # 422

30' Back # 424

35' ahead # 425

1' Back # 428

2' Back # 429

+	+	-	Elev.
			749.835
10.484	760.319		
		10.420	749.899
9.949	759.848		
		10.012	749.836
7.970	757.806		
		7.138	750.668
8.537	759.205		
		9.173	750.032
9.888	759.920		
		9.710	750.210 ✓
5.351	755.561		
		12.055	743.506
1.256	744.762		
		12.647	732.115
1.594	733.709		
		12.772	720.937
0.978	721.915		
		12.704	709.211

12' Back # 433

40' ahead # 435

30' ahead # 436

20' Back # 437

30' ahead # 438 stop

Req Line to check on B.M. near Highway.

MAY



+	π	-	Elev.
			709.211
1.408	710.619		
		12.279	698.340
1.619	699.959		
		12.733	687.226
0.626	687.852		
		12.566	675.286
2.148	677.434		
		12.562	664.872
1.509	666.381		
		12.381	654.000
1.217	655.217		
		12.743	642.474
0.923	643.397		
		12.580	630.817
0.692	631.509		
		12.501	619.008
0.683	619.691		
		12.380	607.311

MAY

+	x	-	Elev.
			607.311
1.307	608.618		
		12.737	595.881
1.028	596.909		
		12.394	584.515
0.484	584.999		
		12.778	572.221
1.244	573.465		
		12.604	560.861
0.812	561.673		
		12.746	548.927
0.929	549.856		
		12.277	537.579 ✓
1.481	539.060		
		12.548	526.512
0.765	527.277		
		12.437	514.840
1.214	516.054		
		12.419	503.635

SIMPSON - INST.  
Reynolds - Rod  
Isbell - "

503.635

0.822 504.457

12.582 491.875

MAY-28 - 3.366 495.241

12.237 483.004

3.578 486.582

1.876 484.706

4.559 489.265

5.368 483.897

7.628 491.525

0.358 491.167

8.555 499.722

5.739 493.983

3.682 497.665

7.376 490.289

1.798 492.087

7.258 484.829

3.682 488.511

7.097 481.414

49

t	X	-	Elev.
			481.414
3.911	485.325		
		5.044	480.281
4.126	484.407		
		9.669	474.738

Equation -  $\underline{750.160} = 750.210$

10:30 A.M.

MAY-28-  
# 438.

10.796	760.956		
		9.968	751.488
12.508	763.996		
		12.709	751.287
7.473	758.760		
		8.268	750.492
8.756	759.248		
		9.213	750.035
9.702	759.737		
		9.966	749.771
12.648	762.419		
		12.393	750.026

— CHECK ON Co. B.M. #36 IN OAK TREE  
RECORD ELEV. — 474.688

— TURN — 30' ahead #438

100' ahead #440

6' ahead #441

125' Back #442

50' ahead #442

10' Back #445

6' Back #447

	+	π	-	Elev.
				750.026
	8.647	758.673		
			8.599	750.074
	12.871	762.945		
			12.781	750.164
	12.400	762.564		
			12.508	750.056
	12.398	762.454		
			12.683	749.771
	8.646	758.417		
			8.334	750.083
	11.627	761.710		
			11.540	750.170
	11.752	761.922		
			12.279	749.643
#456 MAY-29	11.796	761.439		
			11.727	749.712 ✓
	11.409	761.121		
			11.416	749.705

20' Back #449

15' ahead #450

60' Back #451

25' Back #452

40' Back #453

1' Back #454

30' ahead #456

10' Back #457

10' ahead #458



SIMPSON - INST.  
REYNOLDS - ROD  
ISBELL - AXE.

52.

+	π	-	Elev.	
			749.705	
11.521	761.226			
		11.165	750.061	50' ahead # 459
3.577	753.638			
		4.729	748.909	10' BACK # 460
11.176	760.085			
		10.606	749.479	20' ahead 462
12.129	761.608			
		10.030	751.578 ✓	40' ahead # 464
# 464 June 1.	10.268	761.846		
		11.081	750.765	50' BACK # 469
9.775	760.540			
		10.853	749.687	40' ahead # 470
11.278	760.965			
		9.336	751.629	30' ahead # 474
9.037	760.666			
		10.353	750.813	6' ahead # 477
10.426	760.739			
		10.643	750.096	4' ahead # 478

SIMPSON - INST.  
ISBELL - ROD  
OSBORNE - AXE

	+	π	-	Elev.
				750.096
	9.166	759.262		
			9.079	750.163
	11.646	761.809		
			11.686	750.123
	10.729	760.852		
			11.050	749.802
	11.603	761.405		
			11.048	750.357
	9.658	760.015		
			9.345	750.670
	11.303	761.973		
			11.903	750.070 ✓
#495 June-2	10.933	761.003		
			12.788	748.215
	12.956	761.171		
			11.524	749.647
	6.438	756.085		
			6.074	749.991

Clear AND Hot,

53

10' Back #482

30' ahead #487

2' Back #489

2' ahead #491

4' ahead #492

5' Back #496

15' Back #502

12' Back #503

20' Back #506

Simpson - Inst.  
Isbell - Rod  
Osborne - Axe

CLOUDY AND WARM

54.

+	-	Elev.	
		749.991	
10.393	760.384		
	10.521	749.863	25' Back #508
6.868	756.731		
	5.973	750.758	5' ahead #512
9.380	760.138		
	10.053	750.085	20' Back #516
10.600	760.685		
	10.889	749.776	15' ahead #518
8.923	758.719		
	10.022	748.697	15' ahead #520
11.662	760.359		
	10.407	749.952 ✓	15' Back #523
#523			
June-9 11.584	761.536		
	11.606	749.930	25' ahead #525
9.590	759.520		
	9.970	749.550	10' Back #528
10.437	759.987		
	10.003	749.984	15' Back #531

SIMPSON - INST  
SIMPSON - INST.  
Rod

55

	+	T	-	Elev.
				749.984
JUNE-9-	7.833	757.817		
			7.334	750.483
10.103		760.586		
			10.199	750.387
9.404		759.791		
			9.785	750.006
10.848		760.854		
			10.451	750.403 ✓
9.531		759.934		
			10.140	749.794
12.404		762.198		
			12.578	748.620
11.696		761.316		
			12.382	748.934
9.451		758.385		
			12.689	745.696
9.762		755.458		
			9.867	745.591 ✓

6' ahead #533

6' ahead #537

12' ahead #538

20' Back #542

30' Back #545

40' ahead #546

15' Back #548

75' Back #549

20' ahead #550

Simpson - Inst.  
Isbell - Rod.  
Osborne - Ake.

56.

	+	π	-	Elev.
				745.591 ✓
#550				
June-10-	9.477	755.068		
			5.301	749.767
	4.823	754.590		
			1.806	752.784
	2025	759.809		
			5.742	749.067
	10.345	759.412		
			8.516	750.896
	7.483	758.379		
			8.362	750.017
	5.217	755.234		
			5.244	749.990
	9.637	759.627		
			9.577	750.050
	9.651	759.701		
			9.022	750.677 ✓
	12.009	762.688		
			12.876	749.812

ELIOTT - Trest

	+	+	-	Elev.
				749.812
June	6.151	755.963		
			5.482	750.481
	11.489	761.970		
			12.501	749.469

	+	+	-	Elev.
#				749.812
JUNE	6.151	755.963		
			5.482	750.481
	11.489	761.970		
			12.501	749.469

Co. B. M. # 48 Top of Head

Wall 12' 6" Sta 691+85

Elev. 740.09



B.M#

22 1/2 R.R. Spike Power Pole 25' Lt. Sta.

315+25 El. 405.710

22 R.R. Spike in Pine Tree 20' Ft.

Sta. 307+60 El. 413.273

23 R.R. Spike in Cottonwood 35' L

Sta. 322+45 El. 399.335

24 R.R. Spike in Power Pole 70' Lt.

Sta. 344+80 El. 402.785

25 Boat Spike in Power Pole 20' Ft.

Sta. 365+85 El. 411.400

26 Boat Spike in Power Pole 24' Lt.

Sta. 385+80 El. 412.083

27 R.R. Spike in Power Pole 25' Lt

Sta. 400+75 El. 415.281

28 R.R. Spike in Power Pole 24' L

Sta. 416+90 El. 421.842

29 R.R. Spike in Power Pole 20' L

Sta. 434+60 El. 428.433

B.M. #

- 30<sup>v</sup> R.R. Spike in Power Pole 20' Lt.  
Sta. 458+45 El. 436.789
- 31 R.R. Spike in Power Pole 20' Lt. Sta.  
466+50 El. 438.051
- 32 R.R. Spike in Power Pole 50' Lt.  
Sta. 481+00 El. 444.517
- 33 R.R. Spike in Tel. Pole 40' Rt.  
Sta. 495+10 El. 450.202
- 34 R.R. Spike in Root of Oak Tree  
25' Rt. Sta. 506+40 El. 453.102
- 35 Nail in Plug in Iron Pipe 6' Lt.  
Sta. 522+60 El. 467.060
- 36 R.R. Spike in Live Oak 60' Lt.  
Sta. 533+33 El. 474.733
- 37 R.R. Spike in Elder Tree 25' Lt.  
Sta. 550+90 El. 495.724
- 38 R.R. Spike in Live Oak 20' Lt.  
Sta. 563+45 El. 511.385

B.M. #

39 R.R. Spike in Tel. Pole 100' Lt.

Sta. 576+65 El. 557.888

40 Boulder Painted White 65' Lt

Sta. 589+40 El. 592.863

41 R.R. Spike in Tel. Pole 25' Lt.

Sta. 602+75 El. 574.196

43 R.R. Spike in Live Oak 18' Lt.

Sta. 621+02 El. 536.598

44 Top Granite Boulder 30' Lt.

Sta. 637+00 El. 535.474

46 Top Boulder 50' Rt.

Sta. 659+00 El. 638.680

47 Top Headwall 13' Lt.

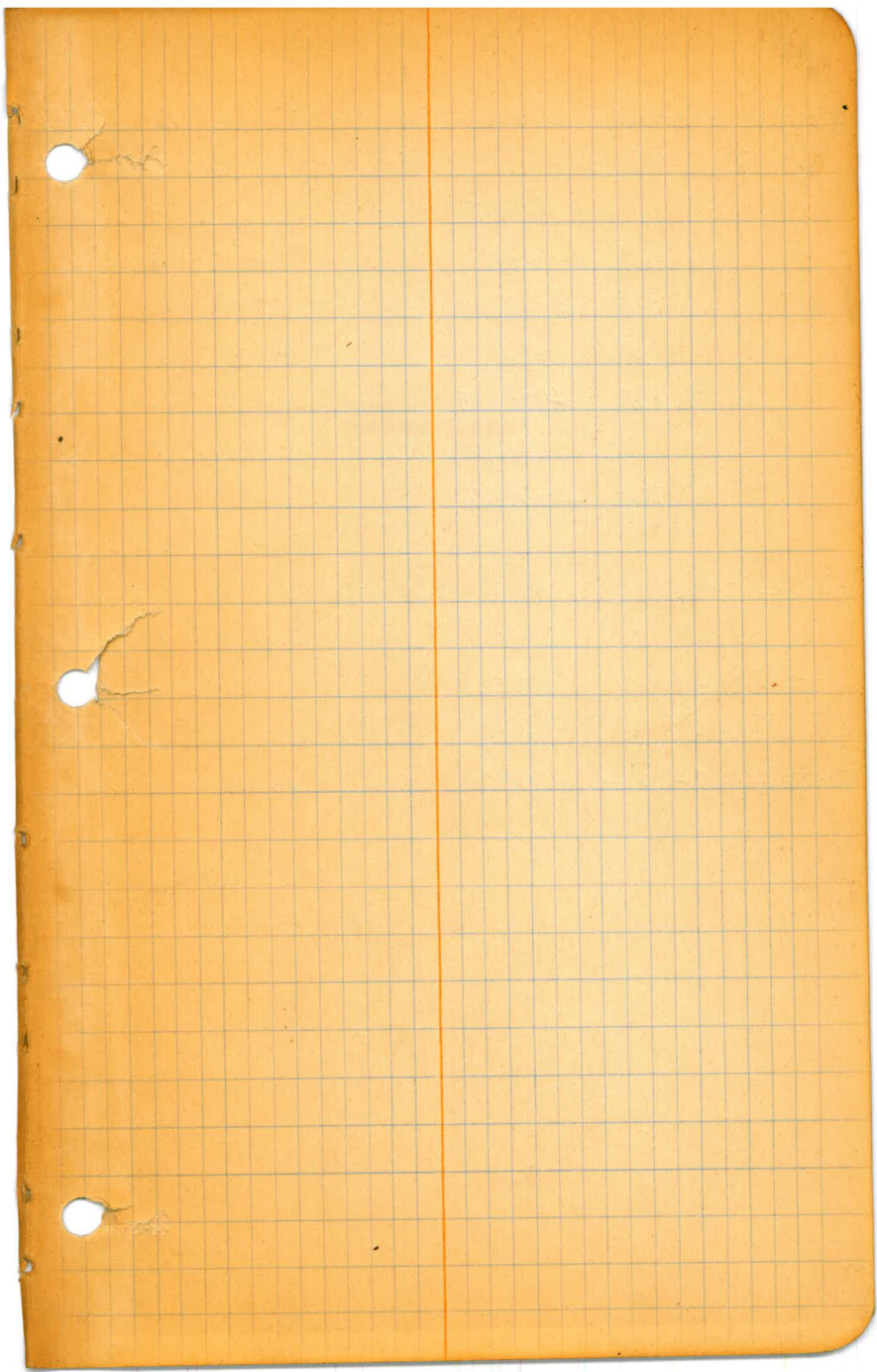
Sta. 665+00 El. 669.48

48 Top Headwall 12' Lt.

Sta. 683+25 El. 740.09

49 Top Headwall 12' Lt.

Sta. 691+15 El. 795.59



Levels + Stadia from S.V.B.M. # to T<sub>1</sub>-T<sub>2</sub>  
 T<sub>3</sub>-T<sub>4</sub>. To Establish Elevations on Control  
 Points

	+ Rod	H.I.		- Rod	474.73
	10.30	485.03			
				4.13	480.90
	7.85	488.75			
				0.00	488.75
	8.92	497.67			
				3.45	494.22
17+92.7-T <sub>1</sub>	Vert. Δ	Rod	Hor. Dist	Diff. Elev	Elev.
	+ 8° 52'	6.75	666.0	+102.8	597.0
T <sub>1</sub> -17+92.7	- 9° 0'	6.75		-103.0	
	Hor. Δ	Vert Δ	Rod	Hor. Dist	Diff. Elev
T <sub>4</sub> -T <sub>1</sub> -442	54° 02' 4"	6° 39'	13.2	1310.0	+152.0

458 5.27

104.2

474.78  
474.778

S.V.B.M. #



5.1	
3.7	104.5
1.4	1.4
	103.1

Sta. 17+92.9 on Traverse to Estab. Control Points.

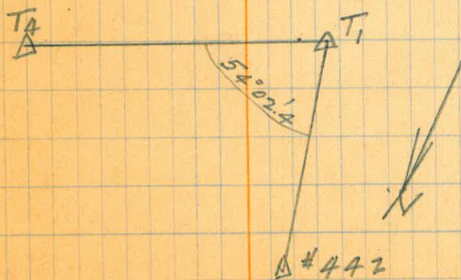
T<sub>1</sub>

H.I. = 5.1 Lath at 17+92.7 = 3.7

Elev.

749.0 #442 Sta. 310 + 51.55 on  
750 ft. Contour Survey.

216-09-30  
54° 02' 22"



B.S. Δ F.S.	L	R	Vert Δ.	Rod	Hor. Dist	Diff. Elev
17+92	T <sub>1</sub>	-				
Sec. Cor.	113° 28'	-7° 10'	8.40	825.0	-104.6	
T <sub>1</sub> -Sec. Cor.		+7° 15'	8.40		+104.2	
-A	171° 34'	+1° 43'	3.35	336.0	+10.0	
Sec. Cor. A						
T <sub>5</sub>	182° 56'	+2° 20'	10.8	1081.0	+44.0	
T <sub>1</sub>						
T <sub>2</sub>		+2° 14'		1984.24	+77.5	
T <sub>2</sub>						
T <sub>1</sub>		-2° 14'		1984.24		
T <sub>3</sub>		+6° 15'		2037.7	+223.5	
T <sub>4</sub>		+8° 25'		2063.97		
T <sub>3</sub>						
T <sub>1</sub>		-4° 30'				
T <sub>2</sub>		-6° 16'				
T <sub>4</sub>		+5° 21'				

Elev.

597.0

36 25

493.0

31 30

113° 28'

597.2 H.I. = 3.7 Flag at  $T_1 = 5.0$

503.1

105.5  
1.3  
104.2

547.1 H.I. = 5.3

597  
57.4  
674.2

597.

674.5

897.7

H.I. = 5.85

H.I.



BS. Δ FS.	Hor. L	Vert. Δ	Rod	Hor. Dist	Diff. Elev.
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A-T <sub>3</sub>	H.I. 5.5				
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"A"		-8°40'	(1.7)		
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"A"-T <sub>3</sub> -T <sub>6</sub>	85°23.9'	-9°40'	<sup>2x6.12</sup> 12.24	1195	-203
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T <sub>3</sub> -A-T <sub>6</sub>		-2°01'	<sup>2x7.52</sup> 15.04		-53.
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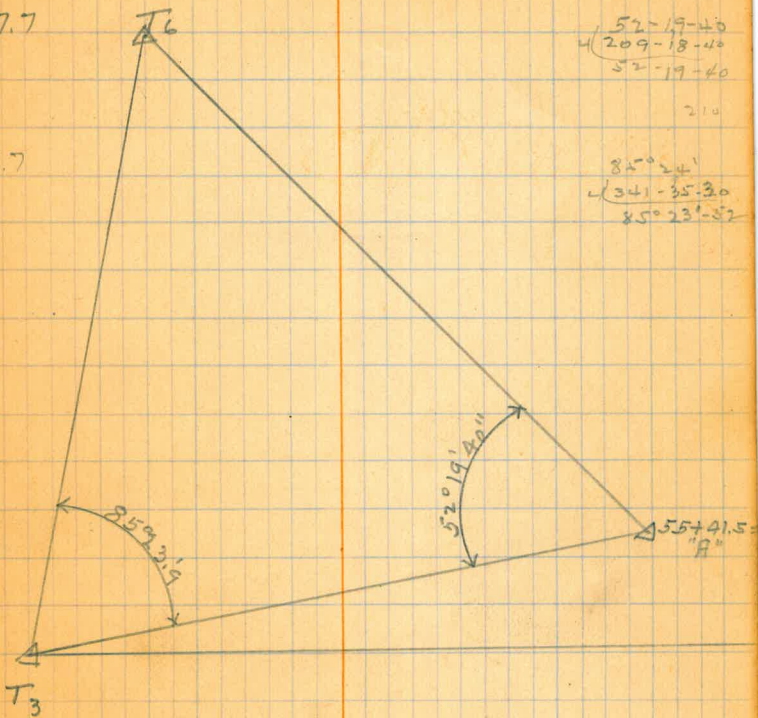
"A"-T <sub>3</sub>		+8°26'			
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"A"-T <sub>2</sub>		-3°49'			
--------------------	--	--------	--	--	--

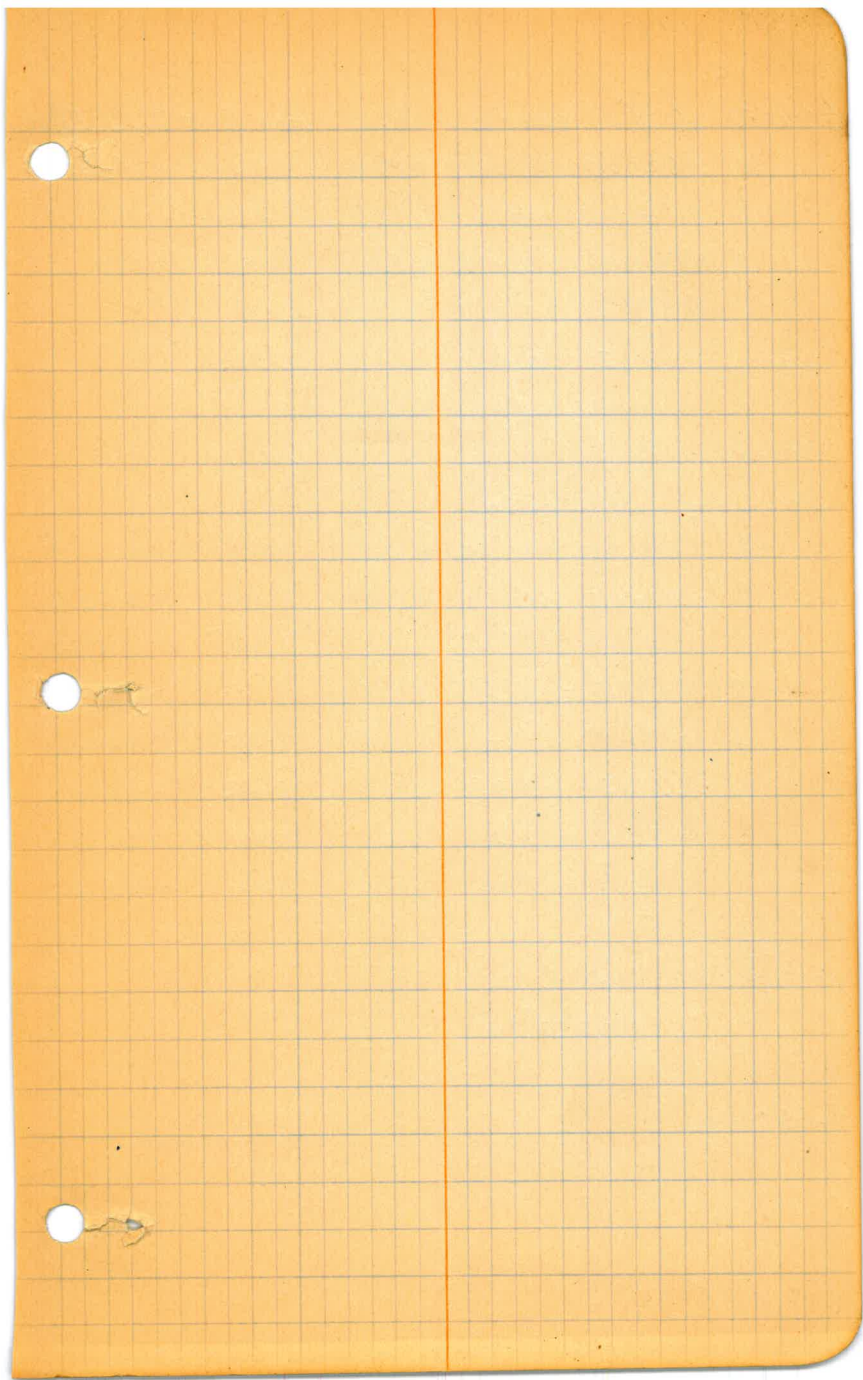
Elev.

897.7

694.7



B.S. A.F.S.  $\angle$  R. Vert.  $\Delta$  Rod Hor. Dist. Diff. Elev



B.S. ΔFS L R Vert Δ Rod Hor. Dist Diff. Elev.

3 182-35 -27-02 2.20 175 -8.9  
 2 154-50 -18-37 1.35 122 -41  
 1 257-15 -46-51 2.42 139 -120

H.I. 4.8

#7  
 10+81.06 170°17.5' 0.0 99.63 0.0

N.22°28'N

9+81.43 190°46' 0.0 102.30 0.0

N.12°45.5'W

8 236-35 -20-30 2.10 184 -61.8  
 7 291-45 -36-04 3.10 202 -148.0  
 6 347-30 -27-33 1.27 100 -62.0  
 5 313-35 -35-34 2.10 139 -79.0  
 4 10°45' -45' 4.48 435 -38.0  
 3 335°45' -9°35' 3.72 362 -61.0  
 2 348°30' -12°40' 3.30 314 -71.0  
 1 323°55' -13°02' 4.22 402 -93.0

#3

8+79.13 A.H.I. 4.8

N.23°31'5"W

7+15.7 = B.S.

Elev. 7

661

709

630

750.0

750.0

688

602

698

651

712

688

678

656

750

small branch  
light growth of low

{ #I. 4.8  
shot on 5.8

B.S. & F.S	L	R	Vert L	Red	Hor. Dist.	Diff. Elev.
4	226-30	-19-00	1.95	174	-60	
3	140-20	+12-10	1.18	113	+24	
2	202-15	-9-07	2.80	273	-44	
1	47-40	+35-16	0.70	47	+30	

#11 H.I. 4.8

17+43=60

16+15.8=31.8

8	203-05	-12-00	3.55	340	-73
7	214-20	-11-45	5.55	532	-111
4	231-20	-13-11	6.15	583	-137
5	244-35	-14-30	5.35	502	-130
4	240-50	-17-58	4.90	444	-143
3	215-55	-15-05	1.75	143	-44
2	250-00	-18-37	3.30	296	-100
1	312-55	-11-36	1.21	116	-24

H.I. 4.5

#12

16+15.8 146°07.8 0.-00 129.1

5.75°40.3W

14+86.77	132-04	0-00	4.05	405	0
4	171-00	-13-19	4.90	464	-110
5	143-15	-4-17	4.55	453	-33
4	164-00	-21-00	2.35	202	-81

#17 contd.

Elex.

690

774

706

783

677

639

617

620

607

706

658

726

750

640

717

669

*Light growth of low brush, grass & weeds*



B.S. A. F.S.	L R	Vert L	Rod	Hor. Dist	Diff Elev
3	337-50	-12-00	3.05	292	-62
2	18-30	+2-40	5.65	563	+26
1	2-10	-9-14	2.57	250	-40

#22 H.I. 5.1

$$29 + 30 \overset{49}{=} = \Delta$$

$$24 + 11 \overset{24}{=} = 8.5.$$

6	44-20	+6-16	2.60	250	+28
5	55-30	+4-15	2.02	197	+15
4	223-25	-4-35	1.85	180	-15
3	75-40	+4-36	1.65	160	+13
2	241-05	-10-37	3.13	303	-57
1	133-05	+13-12	2.00	190	+44

H.I. 5.0

$$23 + 00 \overset{16}{=} = \Delta$$

$$20 + 17 \overset{69}{=} = 13.5.$$

9	205-05	-9-48	4.10	399	-69
8	223-30	-10-47	4.70	454	-86
7	256-20	-19-03	3.90	347	+21
6	229-40	-13-06	3.48	330	-77
5	156-00	+8-45	2.35	222	+35

Elev.

88

776

710

778

765

735

63

693

794

481

464

629

473

785

Light growth of low brush, grass & weeds

S.S.A.F.S.	LR	vert L	Rod	Hor. Dist.	Diff Elev.
	134-00	+10-03	230	223	+40
	150-10	+5-03	285	283	+25
	210-10	-16-45	97	89	-27
	244-45	-18-00	115	104	-34
	270-15	-10-34	310	340	-56
2	273-10	-10-40	435	420	-79
1	272-05	-12-24	420	400	-87

#24 H.I. 5.0

31+15 40 = Δ

30+45 91 = B.S.

13	268-40	-11-37	540	519	-107
12	277-35	-11-00	550	531	-103
11	288-15	-9-52	700	680	-118
10	227-55	-8-43	200	195	-29
9	295-10	-12-50	530	507	-115
8	253-00	-11-37	320	307	-63
7	319-20	-16-57	275	252	-76
6	68-25	+12-14	175	146	+26
5	309-30	-14-55	395	369	-98
4	37-40	+6-39	500	480	+57

E.H.V.

790

775

723

716

694

471

463

643

647

632

721

635

487

474

786

652

57

light growth of low brush, grass & weeds

B.S. & F.S.	L R	Vert L	Rod	Hor. Dist.	Diff. Elev.
10	15°55'	+6°56'	1.53	150	+18.0
9	15°35'	+5°58'	3.20	317	+26.0
8	3°50'	+2°21'	5.85	585	+24.0
7	347-40	+3°48'	6.90	690	+45.0
6	1°0'	+1°16'	8.60	860	+19.0
5	355-40	-0°49'	5.47	547	-8.0
4	346-05	-6°53'	2.45	242	-29.0
3	327-0	-1°04'	3.10	310	-6.0
2	310-0	+3-07	3.57	357	+19.0
1	260°20'	+3-01	2.90	290	+15.0

#56 H.I. = 4.7

49 + 65.75 = Δ

48 + 25.5 = B.S.

	112-10	+11-40	112	108	+22
	205-50	-15-46	93	86	-24
3	240-25	-6-08	255	246	-27
2	312-50	-11-20	120	114	-23
1	265-30	-13-02	267	254	-59

\*31 H.I. = 4.8

35 + 70<sup>07</sup> = Δ

34 + 88<sup>28</sup> = B.S.

E/2

8.0

776.0

774.0

795.0

769

742.0

721.0

744.0

769.0

765.0

772

724

723

727

691

low bush, grass & weeds  
light to moderate growth of

Rod 11.7

Rod 4.7

130  
180  
310

147  
180  
327

167.40  
180  
347

B.S. Δ	F.S.	LR	Vert. Δ	Rod	Hor. Dist	Dif. Elev
	3	110-55	+15°12'	0.72	67.0	+18.0
	2	284°20'	-18°45'	1.56	140.	-48.0
	1	282°40'	-19°10'	2.85	255.0	-88.0

64+59.33 = A.H.I. = 4.7

63+77.84 = B.S.

6	226-40	-16°07'	3.15	290.	-84.0
5	204-45	-10°57'	1.70	164.0	-32.0
4	139°30'	+11°16'	1.00	97.0	+19.0
3	334-38	-9°01'	1.45	141.	-22.0
2	23°35'	+9°53'	1.55	150.	+26.0
1	318-45	-14°07'	2.85	268.	-68.0

62+06.94 = A.H.I. = 5.0

60+10.16 = B.S.

5	283°20'	-20°29'	1.05	95.0	-35
4	260-20	-10-01	1.73	168.	-30.0
3	217-32	+6°27'	1.82	180.	+21.0
2	132°15'	+10°44'	1.53	149	+28.0
1	50°30'	+18°53'	0.85	71.0	+20.0

52+11.17 = A.H.I. = 4.7

51+28.06 = B.S.

Elev.

68.0

702.0

662.0

666.0

718.0

769.0

728.0

76.0

687.0 Rod 6.0

715.0

720.0

771.0

778.0

776.0

7  
6  
2  
0  
0

7  
5  
0  
0



B.S. Δ F.S.	∠ R.	Vert. Δ	Rod	Hor. Dist	Dif. Elev
9	194-05	-7-35	2.10	206	-30.0
8	84-30	+21-45	1.15	99.0	+40.0
7	9-55	+5°40	3.95	392	+39
6	347-45	-7-0	2.15	212	-30.0
5	299°35'	-23-40	1.55	130	-61.0
4	242-50	-22-05	2.95	253	-105.0
3	232-10	-11-55	6.85	658	-139
2	249-05	-7-05	5.25	517	-65.0
1	258-40	-4-35	5.0	496	-40.0

76+04.05 Δ H.I.: 4.6

73+11.05 = B.S.

217-30	-13°30'	3.20	302.0	-73.0
218°15'	-11°30'	1.80	173.0	-35.0
98°0'	+12°10'	1.30	124.0	+27.0

66+12.9 Δ H.I.: 4.8

64+59.33 = B.S.

4	221-06	-16°37'	1.22	112	-34.0
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64+59.33 H.I.: 4.7

Elev.

750  
73  
677  
750  
750  
677  
750

720.0 Rod 7.6

790.0

789.0

720.0 Rod 8.6

689.0 Rod 8.6

645.0 Rod 7.6

611.0 In Brush Cut on 610 Contour Survey.

685 Rod 5.6

710.0

677.0

715.0

777.0

610 Rod 5.7

B.S. Δ F.S.	LR	Vert. $\Delta$	Rod	Hor. Dist	Dif. Elev.
4	49-05	+10-43	5.65	547.	+103.
3	36-10	+12-30	5.90 <small>2x4.80</small>	562	+122.0
2	40-45	+15°22'	9.60	892.	+241.0
"A"	34-42	+9°31'	4.71 <small>2x4.34</small>	458.	+77.0
# 82	37°27'	+15°10'	8.68	810.	+220.
T <sub>5</sub> -A-	H.I.=5.0	+2°0'			+13.8
"A"	204-22.5	-2°02'	3.96	396	-14.0
T <sub>1</sub> -T <sub>5</sub>	H.I.=5.4	+1°15'			
1.	318-15	-14-35	3.10	291.0	-84.0
81+76.62=ΔH.I.=4.5					
79+87.72=B.S.					
2	218-45	-12-25	4.40	420	-92.0
1	194-05	-4-55	3.2	318.0	-27.0
79+87.72=ΔH.I.=4.4					
79+13.65=B.S.					
2	221-30	-14-50	3.60	338.	-91.0
1	224-25	-15-55	1.85	172.0	-49.0
77+21.36=ΔH.I.=4.6					
76+04.05=B.S.					

75.0  
84  
66.6

Elev.

36

655

774 Rod 9.0

610.0 Point #600 on 610 Contour Survey

753.0 Rod 7.0 83+66.80

533.0

533.0

Mag. N. 46° 10' W

547.0 H.I. = 5.4. Read Vert. Δ back to T<sub>1</sub>

666.0 Rod - 12.5

658.0

723.0

659.0 Rod 6.6

701.0

B.S. Δ ES	LR	Vert. Δ	Rod	Hor. Dist	Dif. Elev
15	124-05	+4-17	8.35	830.0	+62.0
14	118-0	+8-05	11.85	1160.0	+165.0
13	120-50	+5-0	7.20	715.0	+63.0
12	117-50	+7-05	11.10	1095.0	+136.0
11	114-40	+4-10	8.85 <small>2x3.40</small>	880.0	+64.0
10	112-20	+6-10	10.80	1062.0	+116.0
9	117-40	+2-56	7.60	760.0	+39.0
8	108-40	+8-20	12-45	1220.0	+178.0
7	111-10	+2-23	5.55	555.0	+23.0
6	100-50	+6-38	7.55	748.0	+86.0
5	100-10	+10-42	9.80	948.0	+180.0
4	88-10	+5-22	8.00	790.0	+76.0
3	98-25	+8-56	8.60	840.0	+132.0
2	88-15	+7-30	9.10	890.0	+118.0
B <sub>1</sub>	87-0	+9-01	10.95	1065.0	+169.0

A-B- H.I.=5.6

8	125-01	+4°34'	8.25	820.0	+65.5
10	67-10	+14-31	10.05	942.0	+245.0
9	71-50	+13-26	8.75	828.0	+196.0
8	77-10	+11-34	6.80	654.0	+134.0
7	55-25	+10-16	8.80	852.0	+154.0
6	56-25	+8°30'	7.65 <small>2x3.97</small>	748.0	+112.0
5	41-50	+14-35	7.94	745.0	+191.0

T<sub>5</sub>-A"

Elev.

763.5

661.5

734.5

662.5

712.5 Rod 7.6

637.5

776.5

621.5 Fence Cor 2x2 Stake 1/4 Cor

S.  
↑

Sec.  
□  
Sec.

684.5

778.5

74.5

730.5

716.5

767.5

598.5

598.5

778

729 Rod 7.0

667

687

75

724 Rod 6.0

533.0

B.S. Δ. F.S.	∠ R	Vert. Δ	Rod	Hor. Dist	Dif. Elev
39	167-10	+6-30	9.00	890.0	+102.0
38	163-30	+9-05	10.80	1055.0	+168.0
37	158-0	+9-36	10-35	1005.0	+170.0
36	158-45	+7-20	9.10	895.0	+116.0
35	151-10	+8-12	9.00	880.0	+127.0
34	170-20	+4-48	7.40	735.0	+62.0
33	150-50	+10-08	10.80	1050.0	+187.0
32	155-0	+4-0	6.20	620.0	+43.0
31	146-20	+9-24	11.40	1110.0	+184.0
30	160-10	+3-39	7.10	710.0	+45.0
29	142-55	+9-02	11.30	1100.0	+175.0
28	159-20	+5-58	8.40	830.0	+87.0
27	151-25	+6-49	7.95	785.0	+94.0
26	133-10	+5-49	11-30	1120.0	+114.0
25	151-15	+8-09	8.90	870.0	+125.0
24	136-20	+7-43	13.20	1300.0	+176.0
23	142-30	+6-46	10.0	968.0	+117.0
22	129-15	+8-03	12-40	1218.0	+172.0
21	137-0	+6-39	10.30	1018.0	+119.0
20	126-50	+7-01	11.40	1120.0	+138.0
19	132-10	+5-22	10.70 2x5.65	1060.0	+100.0
18	121-50	+6-48	11.30	1118.0	+133.0
17	131-35	+3-53	9.10 2x6.35	910.0	+62.0
016	121-50	+8-15	12.70	1240.0	+181.0

A-B.

Elev.

700.5

766.5

768.5

63

714.5

725.5

660.5

785.5

641.5

782.5

643.5

773.5

785.5

692.5

712.5

723.5

774.5

715.5

770.5

717.5

736.5

698.5

730.5

Rod. 6.6

760.5

778.5

Rod 6.6

598.5



B.S. Δ F.S.	∠ R	Vert Δ	Rod	Hor. Dist	Dif. Elev.
19	76-30	+0-25	4.40	440.0	+3.0
18	214-0	+6-21	6.45	620.0	+71.0
17	56-0	-1-40	5.20	520.0	-15.0
16	208-45	+5-06	5.40	525.0	+48.0
15	212-10	+1-10	4.03	403.0	+8.0
14	46-40	-6-15	4.40	435.0	-48.0
13	223-40	+5-46	6.00	595.0	+60.0
12	29-40	-10-16	4.35	422.0	-82.0
11	228-20	+7-0	5.45	536.0	+66.0
10	226-49	+5-31	4.34	430.0	+41.5
9	67-0	-9-37	2.80	274.0	-46.0
8	95-10	-8-37	3.05	298.0	-45.0
7	104-50	-7-31	2.50	245.0	-32.0
6	124-40	-6-08	3.13	309.0	-33.0
5	228-45	+5-06	3.60	350.0	+32.0
4	142-15	-5-20	2.55	247.0	-24.0
3	230-10	-1°16'	1.80	180.0	-4.0
2	118-40	-23-45	1.55	130.0	-57.0
C <sub>1</sub>	71-0	-22-34	1.95	166.0	-78.0

B-C-

-C	197-52	+5°56'	10.70	1060.0	+110.0
41	186-50	+1-05	5.90	590.0	+11.0
40	192-10	+1°51'	9.30	930.0	+30.0

A-B

Elev.

1

779

683

756

716

660

768

626

774

750.0

#137 750 Contour

662

3

676

677

740

684

704

651

630.

708.5

708.5

10.

628.0

598.5

B.S. Δ F.S.	LR	Vert. Δ	Rod	Hor. Dist	Dif. Elev.
44	293.38	-11-22	5.15	495.0	-99.0
43	286.40	-13-56	2.95	278.0	-69.0
42	262.10	-5-55	2.45	242.0	-25.0
41	285.59	+3-14	7.45	745.0	+42.0
40	293.15	-14-39	4.55	427.0	-112.0
39	179.0	+7-47	5.55	545.0	+74.0
38	164.0	+6-45	5.05	498.0	+59.0
37	339.40	-17-34	3.78	343.0	-109.0
36	151.50	+7-40	5.55	544.0	+76.0
35	340.30	-20-33	2.25	197.0	-74.0
34	146.30	+6-39	6.50	640.0	+75.0
33	141.50	+6-30	6.80	670.0	+77.0
32	133.0	+5-10	7.90	783.0	+71.0
31	119.20	+7-51	6.85	673.0	+93.0
30	84.04	+4-27	5.40	540.0	+42.0
29	113.05	+0-36	4.10	410.0	+4.0
28	79.50	+6-49	6.30	622.0	+69.0
27	127.30	-1-0	4.20	420.0	-7.0
26	92.0	+6-33	6.60	652.0	+75.0
25	150.0	-0-32	3.45	345.0	-3.0
24	116.40	+5.0	7.70	769.0	+67.0
23	175.50	-1-13	3.30	330.0	-7.0
22	199.40	-2-28	3.45	345.0	-15.0
21	161.50	+1-06	5.65	565.0	+11.0
620	199.20	+5-36	7.20	715.0	+70.0
B-C	H.I. = 5.1				

Elev.

619.5 Point on 610 Contour Survey.

9

683

750.5 #217 - 750 Contour.

598 Red 7.1

709  
20  
610

782

767

599

784

634

783

785

9

801

750.5 #121 - 750 Contour

712

772

706

783

705

775

701

693

9

778

708.5

B.S. Δ F.S.	L.R.	Vert. Δ	Rad	Hor. Dist.	Dif. Elev.
21	335-30	+1-05	6.90	690.0	+13.0
20	314-40	-3-45	9.10	910.0	-60.0
19	312-10	-4-28	6.90	690.0	-54.0
18	343-50	+0-12	4.80	480.0	+02.0
17	312-30	-7-44	3.65	357.0	-49.0
16	334-20	-6-36	4.45	440.0	-51.0
15	296-40	+4-0	3.80	380.0	+26.0
14	276-50	+4-34	2.80	280.0	+22.0
13	322-50	-12-36	4.40	420.0	-94.0
12	248-0	+3-19	3.40	340.0	+20.0
11	212-40	+5-30	2.55	253.0	+24.0
10	164-15	+4-46	1.95	194.0	+16.0
9	109-45	-17-09	1.35	123.0	-38.0
8	291-20	-24-18	1.87	155.0	-70.0
7	119-40	+3-54	2.40	240.0	+16.0
6	60-12	+6-54	1.80	178.0	+21.0
5	102-30	+1-35	4.85	485.0	+13.0
4	39-0	-0-20	3.05	305.0	-2.0
3	95-10	-2-40	5.20	520.0	-24.0
2	6-50	+3-06	2.05	205.0	+11.0
1	86-20	+2-40	3.00	300.0	+14.0

142+32.33=ΔH. I=5.1 -4-16 1.95

140+37.76=13.9.

Elev.

777

704

710

766

715

713

790

786

670

784

788

730

726

694

780

785

777

762

740

775

778.0

764.0

750.0

→ Wash

Lath stake marked 14 on 50.

Rod 10.1 → Wash

B.S. Δ F.S.	LR	Vert. L	Rod	Hor. Dist	Dif. Elev
10	137-40	+2-12	2.40	240.0	+ 9.0
9	326-10	-2-54	7.25	725.0	- 37.0
8	186-30	-22-38	2.40	205.0	- 85.0
7	328-0	+1-23	8.80	880.0	+ 21.0
6	212-15	-29-22	2.40	182.0	-103.0
5	335-10	+1-26	9.00	900.0	+ 23.0
4	305-0	-33-0	2.00	142.0	- 82.0
3	338-50	-1-47	8.00	800.0	- 25.0
2	327-20	-26-15	1.00	80.0	- 40.0
1	344-20	-5-0	7.30	725.0	- 63.0

$$160 + 95.5 = \Delta H. I = 4.8$$

$$160 + 45.3 = 13.5$$

	321-50	-6-0	12.80	1260.0	-133.0
	318-0	-3-34	13.40	1340.0	-83.0
	315-10	-2-05	13.40	1340.0	-50.0
	322-30	-7-07	9.50	937.0	-117.0
	311-50	+0-24	13.50	1350.0	+33.0
	322-50	-8-46	7.00	682.0	-103.0
	327-30	-4-0	7.50	750.0	-52.0
27	307-30	+1-34	9.30	930.0	+ 25.0

$$142 + 32.3 = \Delta$$

$$140 + 37.8 = 8.5$$

95  
48  
47

Elev.

764 Draw ←  
718 Draw  
670 Draw

776

652

778

673

730

711 Rod 8.8

692

755.0

750.0  
9.8  
759.8  
4.8  
755.0

750.0

631

681.

714

647

797

661

712

789

764.0



B.S. D.F.S. L R Vert L Rod Hor. Dist Dif. Elev

5	327-24	+13-37	3.52	333	+81.
4	315-40	+15-53	5.25	4.85	+138
3	302-15	+17-26	7.30	6.65	+208
2	301-46	+12-35	5.05	4.82	+108
D <sub>1</sub>	297-30	+9-19	3.35	327	+54.0

B-D- H.I.-5.2

-D 183-58 -3-42 3.00 -19.4

A-B- H.I.-5.7

18	335-20	-9-47	6.55	638.0	-110.0
17	331-30	-20-15	4.20	370.0	-137.0
16	192-10	-13-55	3.90	367.0	-93.0
15	311-10	-13-35	4.20	396.0	-96.0
14	176-15	-6-21	3.95	390.0	-43.0
13	305-50	-4-07	5.15	515.0	-37.0
12	159-30	+3.42 <del>-4-30</del>	4.30	430.0	+28.0
11	319-30	-4-30	5.75	575.0	-45.0

-160+95.5=ΔH.I.-4.8

160+45.3=B.S.

Elev.

660

717

787

Hd. of Draw on ridge.

687

On Fence Line in draw

633,

In draw

579.1

579.1

598.5

645

Same Draw as #9 Thick Brush to here

618

662

659

712

718

783

710

755.0

B.S. Δ	F.S.	LR	Vert L	Red	Hor. Dist	Dif. Elev.
	11	251-15	+6-23	12.84	1265.0	+142.5
	10	295-58	+7-22	11.20	1100.	+143.
G		196-37	+1-57	8.96	896	+30.5
	9	309-55	+0-09	8.48	848	+2.0
	8	239-41	+0-15	4.70	470	+2.0
	7	62-57	+13-52	3.65	345	85.
	6	61-40	+20-09	5.35	470	174.
	5	57-40	+18-11	4.85	438	+143.5
	4	47-20	+14-33	4.35	408	+106
	3	29-52	+12-58	7.80	740	+170.
	2	20-20	+7-50	7.45	730	+101.
	F <sub>1</sub>	7-40	+2-25	8.30		+35.0
E-F-		H.I. 4.8				
	F	207-12	-0-48	14.90	1490	-20.8
		154-50	+6-44	1.85	185	+22.0
		168-05	+9-25	2.40	234.	+40.0
	E <sub>1</sub>	158-05	+14-13	3.05	285	+75.0
A-E		H.I. 5.0				
	"E"	179-24	+10-15	5.39	522	+94.7
	4	156-34	+15-47	8.25	7.66	+217
	3	160-04	+14-37	6.93	650	+170.
	2	167-12	+11-52	6.10	585	+123
	A <sub>11</sub>	179-06	+9-28	4.76	463	+77.5
T <sub>5</sub> -A-		H.I. 5.3				

Elev.

20.8

10.0

705 #380 259+59.12

750 #397. 270+71<sup>2</sup> on 750 Contour.

637.5

609. - Probably #710 on 610 Contour

609. #700 on 610 Contour

692 Rod 6.0

781

750.5 #246 on 750 Contour. 182+62.98

713

777

708 On N. + S. Fence Line

652

607.0

607.0 On N. + S. Fence

650

668

701

627.7

677.7

750

703 #227. Sta. 170+10.9: 750 Contour

656

670.5 Point #640 on 610 Contour.

533.0

B.S. Δ FS	LR	Vert. L	Rod	Hor. Dist	Dif. Elev
22	42-20	4-41	9.60	950	+78
21	40-10	+3-0	8.10	810	+42
20	32-30	+0-41	9.10	910	+12
19	217-30	+6-30	8.25	815	+93
18	27-40	-1-37	8.10	810	-23
17	218-20	+2-0	6.20	620	+22
16	238-40	+5-10	1700	1680	+152
15	15-20	+1-31	1060	1060	+28
14	35-0	+2-17	1010	1010	+40
13	261-20	+11-0	11.10	1035	+208
12	40-10	+6-48	11.60	1140	+138
11	268-25	+9-44	5.15	502	+86
10	291-40	+6-47	6.10	600	+72
X 9	25-05	+7-0	14.45	1415	+139
8	320-40	+2-37	3.45	345	+16.0
7	298-42	+1-45	4.10	410	+11.0
6	273-10	+1-45	2.05	205	+6.0
H.I. 48					
5	170-01	+4-04	15.8	1570.0	+112
4	132-38	+7-30	8.60	8.44	+112.0
3	147-39	-3-45	4.40	438.0	-28.7
2	175-26	+5-15	12.20	1220	+112.0
1	215-22	+7-26	8.68	848.0	112.0

F-6- H.I.=5.0

38  
27  
61

E/cv.

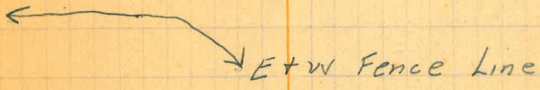
2-17

716

680

648 Rod 6.8

731



625

660

790

666

678

846

774 Rod 6.8

712

710

~~765~~ X

656

649

644.

July 20-26

749.5 # 330 on 750 Contour

749.5 # 289 203+94.6

609. # 680 on 610 Contour

749.5 # 340 231+40.6

749.5 # 350 - 239+81.9 on 750 Contour.

637.5

BS. Δ FS	LR	Vert Δ	Rod	Hor. Dist	Dif. Elev
H <sub>1</sub>	330-30	+2-11	5.20	520	+200
G-H-	HI-49				
"H"	172-20	+4-16	12.70	1262	+94.5
43	91-50	-1-24	6.00	600	-14
42	101-20	+1-24	5.35	635	+13
41	109-10	+1-17	6.80	680	+15
40	106-20	+4-04	8.15	815	+58
39	102-20	+4-43	8.20	815	+67
38	106-10	+9-11	9.90	965	+156
37	99-10	+6-34	11.45	1125	+131
36	92-30	+7-09	10.80	1060	+130
35	78-05	+8-53	8.85	865	+135
34	72-10	+5-26	7.85	780	+74
33	68-40	+1-30	6.70	670	+17
32	62-20	+1-50	7.85	785	+25
31	51-10	-2-24	6.30	630	-26.0
30	51-20	+0-08	8.75	875	+2.0
29	186-0	+2-17	6.80	680	+27
28	50-10	+4-18	9.65	955	+72
27	186-10	+5-51	8.85	875	+90
26	56-0	+6-48	11.80	1165	+139
25	195-50	+8-17	10.30	1010	+143
24	45-20	+7-25	10.90	1070	+140
6 <sup>1/2</sup>	216-50	+8-54	9.60	940	+147

F-G

Elev.

700 Rod 6.7 #346 - 750 Contour

732.0

732.0

626

650

649 Rod 8.8

696

705

794

769

770 Rod 6.8

773

717

655

663

612

640

668 Fence Cor.

710

727

777

785

778

785

637.5



B.S. & F.S.	LR	Vert. L	Rod	Hor. Dist	Dif. Elev
25	25-10	-23-03	1.55	151.0	-56.0
24	132-10	-1-55	4.85	485.0	-16.0
23	136-30	-9-15	4.20	400.0	-69.0
22	130-30	-20-34	2.60	228.0	-86.0
21	143-50	-6-02	2.10	208.0	-22.0
20	177-30	+9-40	4.00	390.0	+66.0
19	100-20	-5-24	3.10	307.0	-29.0
18	98-20	+0-04	3.75	375.0	+00.0
17	104-10	+4-00	5.50	550.0	+38.0
x 16	90-30	+3-13	5.90	570.0	+32.0
15	87-50	+3-19	5.90	590.0	+34.0
14	86-35	+0-04	5.15	515.0	+00.0
13	79-30	-3-27	4.10	410.0	-25.0
✓ 12	73-05	-1-44	5.50	550.0	-17.0
11	76-40	+0-32	5.10	510.0	+5.0
10	74-10	+3-51	6.05	605.0	+40.0
9	62-25	-0-43	6.90	690.0	-9.0
8	69-05	+2-14	8.20	820.0	+32.0
7	220-50	+8-40	3.85	377.0	+57.0
6	43-05	+2-52	8.20	820.0	+41.0
5	257-45	+19-17	3.10	277.0	+97.0
↓ 34-50	-0-16	7.80	780.0	-4.0	
3	300-40	+12-19	3.50	335.0	+73.0
G-H-H <sub>v</sub>	12-05	-4-38	8.00	800.0	-65.0
	H.I. 4.9				

Elev.

76

716

663

646

710

738

703

732

770

764

766

732

707

715.0

737

712

723

764

788

773

829

728

805

667

732.0

BS & FS	L R	Vert L	Red	Hor. Dist	Dif Elev.
15	263-20	-13-40	1.45	137.0	-33.0
14	331-20	-9-38	1.30	126.0	-21.0
13	315-00	-6-23	2.50	245.0	-27.0
12	314-10	-1-37	4.10	410.0	-12.0
11	313-30	+1-32	7.25	725.0	+19.0
10	317-20	+1-07	7.60	760.0	+15.0
9	312-10	+1-25	6.85	685.0	+17.0
8	307-30	+1-26	6.00	600.0	+15.0
7	324-40	+2-07	7.60	760.0	+28.0
6	302-40	+2-38	4.05	405.0	+19.0
5	330-20	+3-53	5.40	540.0	+37.0
4	230-10	+4-00	3.15	315.0	+22.0
3	25-00	+8-02	2.10	205.0	+29.0
2	266-00	+2-32	3.60	360.0	+16.0
1	118-50	+16-46	1.00	92.0	+27.6
* 325-324 - H.I - 46					
33	164-13	+2-17	4.40	440.0	+17.0
32	151-30	-00-00	6.80	680.0	0.0
31	118-40	-28-51	2.15	165.0	-9.0
30	148-20	-00-21	6.25	625.0	-4.0
29	136-50	+4-10	6.45	645.0	+47.0
28	45-40	-28-16	2.55	199.0	-103.0
27	126-30	+3-10	5.95	595.0	+33.0
G.H. = H = 26	21-10	-22-00	3.15	271.0	-110.0
	47-49				

Elev

717

729

723

738

769 Rod 18.6

765

767

765

778

769

787

772

779

766

777 From 324 I.P.-324

750  $222 + 75.52$  on 750 Contour.

749 #329 on 750 Contour.

732

641

728

779

729

765

622 732

B5. Δ F.S.    < R    Vert.    Rod    Hor. Dist.    Dif. Elev.

	< R	Vert.	Rod	Hor. Dist.	Dif. Elev.
"I"	330-52	+0-28	17.00	1700	-13
	314-50	+0-37	13.10	1310	+14
	305-05	+3-22	12.90	1290	+75
	292-10	+8-14	12.40	1220	+176
	299-45	+6-37	10.90	1080	125
	302-25	+5-03	10.00	995	+88
	291-55	+5-15	10.10	1000	+92
	285-45	+6-41	10.25	1010	+119
	304-30	+1-05	9.65	965	+17
	286-10	+8-49	11.60	1140	+176
	295-35	+2-49	9.10	910	+45
	260-20	+5-30	20.30	2015	+184
	284-40	+4-52	8.90	890	+75
	285-05	+6-09	9.90	980	+106
	242-20	+7-56	13.10	1290	+179
17	259-50	+3-34	<del>12.50</del> 6.55	1250	+78
16	234-55	+7-09	10.90	1090	+135
15	259-55	+1-54	11.45	1145	+40
14	243-30	+6-51	8.30	820	+98
13	259-55	+4-20	13.40	1330	+101
F <sub>12</sub>	249-40	+4-55	9.70	965	+66.0

E-F-    H.I. 4.5

Elev.

594.0

621

682

783

732

695

699

726

624 ✓

783

652

801

682 ✓

713

786 ✓

685

742

647

705

708

672

607

B.S. Δ F.S.	L R	Vert. L.	Red	Hor. Dist	Dif. Elev.
J <sub>5</sub> -J-	H.I.=49				
J	309-41	+3-33	11.10	1110	+69
T <sub>1</sub> -T <sub>5</sub> -	309-41	+3-33	11.10	1110	+69
	101-55	+14-54	8.45	790	+210.
	131-0	+12-20	3.00	285	+63.
	112-10	+13-08	4.65	440	+103
	82-25	+5-55	5.00	495	+51.0
	94-25	+11-41	6.40	615	+127
	90-40	+9-22	5.70	555	+92.0
	86-30	+11-08	6.65	640	+126
	95-45	+13-0	7.70	730	+169
	75-50	+6-04	5.50	545	+58.
	82-0	+9-24	6.30	615	+102
	73-05	+9-38	12.25	1195	+203
	69-30	+4-19	8.10	810	+61.
	64-45	+2-45	7.25	725	+35
	72-16	+8-51	10.20	1000	+155
	27-56	+1-14	6.80	680	+15.0
4	74-30	+7-33	10.70	1050	+140.0
3	18-29	+0-50	9.5	950	+140
2	261-55	-7-50	0.44	44	-6.0
I <sub>1</sub>	196-16	+5-16	0.44	44	+4.0
"F-I"	H.I.=4.9				

E/er.

616

547

803

658

698

643

Red-6.9

722

687

721

764

653

697

798

656

630

750

#404 on 750 Contour

510

735

#710 on 610 Contour

609

Point on 610 Contour

589

Fence Cor.

579

1/2" Pipe 1/4-1/4 Cor.

575



B.S. & F.S.	LR	Vert. Δ	Rod	Hor. Dist	Dif. Elev.
25					
24	195-30	18-26	5.90	530	+171
23	174-30	17-37	5.55	505	+160
22	100-0	+0-57	4.50	450	+8.0
21	103-20	+6-01	5.65	555	+59
20	148-40	+8-15	7.90	775	+112
19	128-10	+5-46	7.20	715	+72
18	151-30	+10-19	9.05	875	+155
17	137-30	+4-05	8.45	845	+60
16	139-40	+6-06	9.65	955	+101
15	145-55	+6-30	7.35	715	+81
14	140-20	+8-38	11.40	1120	+170
13	134-35	+7-49	12.00	1180	+162
12	133-35	+5-44	10.20	1015	+101
11	157-50	+10-04	370	360	+63
10	130-50	+7-03	870	855	+106
9	164-25	+13-30	440	415	+100
8	126-35	+9-51	935	910	+157
7	193-0	+12-39	3.90	375	+83
6	117-20	+10-0	9.00	875	+152
5	124-45	+7-13	7.95	780	+99
4	267-40	+21-0	2.40	210	+80
3	105-50	+9-16	6.85	665	+109
2	285-0	+16-31	1.70	157	+46
T <sub>5</sub> -J-J <sub>1</sub>	106-50	+11-32	8.00	770	+158
		H.I.=49			

Elev.

793

776

1 1/2" Pipe 1/4-1/4 Cor. Fence Cor.

624

675

720

688

771

676

717

697

786

718

717

679

722

716

773

699

768

715

696



725

662

Red 5.9

774

616

B.S. Δ F.S.	∠ R	Vert L	Rod	Hor. Dist	Dif. Elev.	
w	60-30	+1-59	7.35	735	26	
v	66-50	+5-30	10.50	1045	100	
u	58-40	+2-04	8.80	880	+52	
?	t	61-10	+7-50	11.90	<sup>1180</sup> 1185	<sup>120</sup> +161
s	71-50	+5-0	8.40	835	+73	
r	66-10	+4-55	7.85	785	+67	
q	60-05	+6-40	13.20	1300	+152	
p	55-30	+3-16	9.65	965	+55	
o	58-20	+7-05	14.10	1400	+172	
n	48-30	+3-05	11.60	1160	+65	
m	56-20	+5-14	12-10	1200	+101	
l	47-20	+1-37	10.70	1070	+30.0	
k	48-50	+5-11	12-50	1240	+113	
j	21-43	+0-45	10.05	1005	+13.0	
i	42-30	+7-14	14.20	1400	+178	
h	23-40	+2-08	10.40	1040	+39.0	
g	39-40	+6-53	14.20	1400	+169	
f	29-0	+4-30	11.60	1160	+91	
?	e	35-0	+6-25	13.20	1300	+146
d	<del>21-0</del>	<del>+6-0</del>	<del>12-20</del>	<del>120</del>	<del>+127</del>	
c	26-20	+4-46	14.20	1400	+116	
b	19-0	+2-08	12-0	1200	+45	
T <sub>1a</sub>	32-55	+6-44	14.20	1360	+166	

T<sub>5</sub>-T<sub>1</sub>- H.I=4.8

Elev.

623

637

629

717

758

670

664

749

#442 on 750 Contour.

652

On E. + W. Fence.

769

662

638

687

On E + W Fence.

710

610.

0+00 on 610 Contour.

775

636

766

638

~~443~~ ? Hub at Fence Cor.

~~724~~

713

642

763

597.

B.S. & F.S.	L.R	Vert L	Rod	Hor. Dist	
11	62-50	+8-29	7.25	710	+106
11	61-10	+11-46	9.25	890	185
10	36-20	+5-20	9.46	930	+87
9	62-30	+12-32	10.25	978	+218
8	37-50	+6-27	10.10	995	+113
7	61-40	+10-38	8.25	800	+150
6	28-45	+5-50	10.85	1080	+110
5	41-30	+8-14	11-0	1070	+155
4	21-50	+4-34	11-20	1120	+88
3	46-10	+10-06	12-10	1170	+210
2	14-40	+2-16	11-05	1105	+43
L <sub>1</sub>	18-55	+5-02	12-40	1235	+108
T <sub>2</sub>	305-04	+3-0			
T <sub>1</sub>	354-03	+0-45			
K-L-	H.I. 49				
"L"	131-58	-1°-21	12.95	1295	-30.5
J	40°-50	+9-56	2.80	270	+48.0
E	99-10	+19-18	2.30	205	+72.0
K <sub>1</sub>	94-50	+20-35	3.60	315	+114.0
T <sub>1</sub> -K-	H.I. 53			3.60	
"K"	84-43	-0-06	12.75	1275	-2.0
4	76-50	+2-11	8.30	830	+32
T <sub>ix</sub>	66-0	+1-06	7.00	700	+13.0
T <sub>5</sub> -T <sub>1</sub>					

6,  
749 #454 on 750

651

772

677

714

674

719

652

774

597

672

July 22, 1926.

564.5

Backsight Rod 13.00 Vert.  $\Delta = 1.21'$

564.5

643

667

709

595

595

Vert. L.D.S. - 0° 5'

629

610

#10 on 610 Contour

597.0

B.S. Δ I.S.	L.R	Vert L	Rod	Hor Dist	Dif. Elev
36	124-58	+2-23	11.20	1120	+46.5
35	120-0	+6-47	13.50	1325	+159.0
34	122-10	+4-39	12.20	1220	+99
33	117-18	+7-50	13.70	1350	+185
32	119-50	+6-14	12.80	1265	+138
31	114-50	+9-04	14.50	1420	+226
30	105-40	+5-5- $\checkmark$	12.55	1225	+129
29	102-55	+8-16	15.80	1550	225
28	108-40	+4-03	11.85	1185	+84.
27	104-10	+6-45	13.10	1290	+153
26	101-0	+5-33	8.55	850	+83
25	93-30	+8-40	10.60	1040	+158
24	99-55	+7-06	9.60	940	118
23	94-0	+10-17	12.40	1200	218
22	85-10	+6-03	10.0	990	+105
21	81-20	+8-10	15-0	1465	+210
20	86-35	+4-20	8.40	840	+63
19	83-50	+7-07	11.80	1160	+145
18	85-15	+3-27	7.40	740	+46
17	74-10	+7-50	7.75	760	+105
16	76-15	+8-47	9.90	990	+150
15	74-20	+5-49	7.00	690	+94
14	64-25	+6-51	6.45	635	+76
L13	73-15	+11-0	11-50	1110	+215
K-L-	H.I-4.9				

Elev

671

#40 on 610 Contour

724

663

709

#471 on 750 Contour

702

790

693

789

648

717

647

704

682

782

669

774

627

710

610

~~Probably~~ #30 on 610 Contour

669

714

658

640

7780

Red 5.9

564.5



BS & F.S.	← R	Vert. L	Rod	Hor. Dist.	Dif. Elev.
13	119-20	+2-23	10.50	1050	+44
14	111-40	+4-21	10.95	1095	+83
11	117-0	+2-13	10.50	1050	+41
10	103-52	+4-06	11.60	1160	+82
9	112-20	+2-46	10.05	1005	+48
8	103-40	+5-22	12.50	1240	+117
7	112-0	+1-07	9.10	910	+18
6	98-40	+6-10	12.30	1215	+152
5	104-40	+1-35	10.20	1020	+28
4	100-10	+4-06	10.60	1060	+76
3	101-40	+2-12	9.85	985	+38
2	96-35	+3-30	10.75	1075	+66
M <sub>1</sub>	103-10	-0-30	8.60	860	-80
T <sub>4</sub>	309-29				
T <sub>2</sub>	340-51	+0-27			
T <sub>1</sub>	10-39	-0-44			
L-M-	H.I. 5.0				
M	157-19	+3-15	14.75	1475	+83.5
	135-40	+2-06	13.80		+69
	121-50	+8-00	15.75	1540	+217
	125-50	+6-01	15.70	1550	+163
	128-35	+4-26	15.80	1580	+122
	122-20	+6-04	14.60	1445	+154
L37	131-05	+3-10	15.10	1510	+84
K-L-	H.I. 4.9				

Elev.

652

731

689

730

696

765

666

800

676

724

686

106

640

648.0

648.0

613

781

727

685

Rod 5.9

718

648

564.5

608

82

730

B.S. Δ F.S.	L R	Vert. Δ	Rod	Hor. Dist	Dif. Elev
32-B	171-06	-4-23	10.40	1040	-69
M32-A	179-32	-12-42	0.90	86.0	-21.0
M-M32-	H.I-4.8				
M32	359-10	-4-18	2.30	230	-17.0
N.	229-44	-3-01	18.65	1865	-98.0
31	157-20	+10-12	7.70	750	+134
30	353-20	-4-18	2.10	210	-16
29	137-0	+7-29	9.60	945	+124
28	131-10	+4-04	7.20	920	+65
27	176-20	+5-56	2.40	240	+25
26	166-20	+5-53	5.35	530	+55
25	130-20	-0-57	6.05	605	-10.0
24	133-35	+5-35	13.40	1325	+130
23	119-50	-3-51	5.70	570	-28
22	130-40	+4-03	12-15	1215	+86
21	124-50	+1-44	9.10	910	+28
20	129-15	+3-25	11.50	1150	+68
19	118-0	-0-22	8.70	870	-6.0
18	121-0	+6-07	11.70	1155	+124
17	118-40	+0-37	9.65	965	+10
16	113-40	+5-11	11.40	1130	+102
15	119-25	+2-21	10.30	1030	+42
M14	112-30	+6-35	11.80	1165	+134

L-M-

Elev.

562

Stone mound

610

Stone mound.

631

#65 on 610 Contour

631

550.0

782

632

772

713

673

700

638

778

Bottom 25' Lower

610

734

Bottom 25' Lower

676

716

Bottom 20' Lower

642

772

658

750

640

782

648

B.S. Δ F.S.	LR	Vert L	Rod	Hor Dist	Dif. Elev
24	39-10	+5-41	10.40	1030	+100
23	53-10	+9-0	14-90	1460	+230
22	39-20	+7-10	11.15	1100	+138
21	47-50	+8-56	14-40	1410	+222
20	28-20	+5-42	12-10	1200	+120
19	48-50	+8-16	13-90	1365	+199
18	27-15	+4-18	11-20	1120	+84
17	52-35	+6-36	12.60	1245	+144
16	22-40	+4-14	10.80	1080	+80
15	24-05	+5-40	11.90	1180	+117
14	40-25	+7-51	11.65	1140	+158
13	21-0	+5-20	12.20	1210	+113
12	41-45	+9-07	12.40	1205	+194
11	16-40	+3-59	11.80	11.80	+82
10	43-05	+10-53	14.10	1365	+260
9	5-55	+2-20	14.60	1460	+60
8	39-44	+11-35	14-40	1390	+283
7	6-50	+3-39	15.20	1520	+95
6	9-10	+2-42	13.90	1390	+65
5	15-10	+3-55	13.00	1300	+82
4	16-40	+4-46	13.90	1390	+115
3	29-40	+8-0	14-50	1420	+200
2	14-38	+4-19	14.90	1490	+111
N <sub>1</sub>	24-55	+7-02	14.80	1465	+180

M-N-

H.I = 4.9

Elev.

652

780

688

772

670

749

636

694

630

667

708

665

744

632

810

610

833

645

615

632

665

750

661

730

# 70 on 610 Contour  
Stone Mound. Cor.

550.

B.S. Δ F.S.	LR	Vert. L	Red	Hor. Dist	Dif. Elev
48	76-10	+4-24	13.60	1360	+104
47	79-20	+6-44	15-20	1500	+177
46	72-10	+4-38	13.10	1310	+125
45	76-20	+6-31	15.40	1520	+174
44	72-40	+5-54	14.25	1410	+146
43	73-40	+6-43	15.40	1520	+179
42	64-25	+6-0	16-00	1580	+167
41	74-05	+8-06	16.80	1640	+234
40	67-10	+4-36	14.20	1420	+114
39	71-05	+7.41	17-90	1755	+237
38	61-20	+4-23	13-80	1380	+125
37	68-40	+7-47	17.90	1760	+240
36	66-25	+7-24	18-40	1805	+235
35	62-50	+4-47	14-20	1420	+116
34	63-55	+7-46	18.90	1855	+253
33	58-0	+5-39	12.80	1270	+126
32	62-20	+7-33	19-00	1865	+248
31	55-20	+6-05	12.20	1210	+129
30	59-10	+7-34	18.25	1800	+238
29	52-50	+6-20	12-00	1185	+132
28	58-40	+5-09	11-10	1100	+99
27	62-0	+5-49	16.50	1635	+167
26	40-30	+3-45	9-10	910	+60
N25	54-50	+7-30	13.90	1365	+180

M-N-

H.I = 4.9

Elev.

654

727

675

724

696

729

717

784

664

787

675 X

770

785

666

803

676

798

679

788

682

649

717

610

730

Rod-5.9 #80 on 610 Contour

550.



B.S. Δ F.S	L.R	Vert L	Rod	Hor Dist	Dif Elev.
72	132-20	+11-28	9.80	945	+190
71	123-0	+8-47	9.05	885	+137
70	124-30	+10-14	9.80	950	+172
69	115-0	+7-15	12-40	1220	+155
68	147-50	+12-53	5.70	543	+124
67	118-40	+9-52	13.60	1325	+230
66	140-35	+11-37	4.50	435	+89
65	113-20	+8-22	14.80	1445	213
64	109-10	+7-42	16.20	1590	+215
63	104-40	+3-36	12.60	1260	+80
62	101-50	+7-08	18.40	1810	+227
61	105-0	+4-58	13.50	1340	+116
60	99-30	+5-29	13.10	1295	+124
59	96-40	+8-30	15.60	1525	+228
58	91-50	+5-22	12.70	1260	+118
57	99-25	+7-10	14.20	1395	+176
56	91-40	+4-19	11.95	1190	+90
55	92-20	+3-04	11-10	1110	+59.5
54	93-40	+7-37	14.30	1405	+188
53	92-40	+9-0	15.40	1500	+238
52	79-20	+3-40	11.40	1140	+73
51	83-40	+9-56	15.60	1525	+214
50	73-0	+2-46	11.20	1120	+54
N49	81-0	+8-02	15.80	1540	+218

M-N-

H.I.-4.9

Elev.

740

687

722

705

674

780

639

763

765

630

777

Hd. Drain

686

674

778

668

726

640

609.5

#90 on 610 Contour

738

788

623

764

604

768

550.

B.S. Δ F.S.	L.R.	Vert. L	Rod	Hor. Dist	Dif. Elev.
p	77-30	+11-32	12.60	1210	+248
o	87-45	+7-21	8.70	855	+111
n	79-30	+10-22	10.65	1030	+188
m	73-10	+8-22	8.65	845	+125
l	72-10	+9-47	10.90	1060	+183
k	69-05	+7-22	8.55	840	+109
j	68-10	+10-39	11.80	1120	+215
i	66-30	+12-08	13.25	1265	+273
h	59-40	+9-44	6.50	635	+108
g	61-0	+10-30	8.30	805	+149
f	51-50	+15-09	11.35	1060	+286
e	42-10	+8-30	9.20	900	+134
d	54-30	+12-46	10.35	990	+222
c	42-20	+6-50	8.45	835	+100
b	57-10	+11-15	9.15	880	+175
N78a	37-40	+5-0	5.40	535	+47.
N-N78-	H.I.=4.9				
"O"	237-21	+4-20	16.75	1665	+126
N78	270-04	-2-43	4.40	440	-21.0
N77	159-50	+12-40	7.70	735	+165
76	153-15	+15-11	8.80	820	+222.0
75	137-20	+11-52	8.80	845	+176
74	128-20	+9-43	3.45	335	+58
N73	138-0	+13-30	10.10	955	+230
N71-N-	H.I.=4.9				

Elev.

777

640

717

654

712

638

744

802

637

678

815

663

751

629

704

576

529

676.0

529.

715

772

724 Red 6.9

608 #100 on 610 Contour

780

550

B.S. & F.S.	∠ R.	Vert. ∠	Red.	Hor. Dist	Dif. Elev.
	121-20	+9-14	11.95	1165	+130
	124-55	+7.20	8.80	865	+111
	112-25	+7-45	9.05	890	+121
	120-10	+10-54	12.50	1210	+233
	118-50	+8-32	8.80	860	+129
	118-25	+7-28	7.90	775	+102
	113-40	+11-43	11.60	1115	+231
	112-0	+6-24	8.20	810	+91
	116-0	+10-30	10.25	990	+184
	107-20	+7-37	8.30	815	109
	103-40	+10-24	11.00	1065	+195
	99-10	+6-45	9.05	890	+102
	100-0	+11-51	12.40	1190	+250
	94-10	+8-02	9.90	970	+137
	93-50	+11-34	12.30	1180	+242
	89-30	+7-58	10.10	990	+139
	90-10	+6-42	9.60	950	+115
	93-05	+9-50	10.75	1025	+181
	88-50	+9-56	10.80	1050	+183
	77-0	+6-21	7.30	720	+81
	88-0	+11-0	11.50	1110	+215
	85-50	+7-37	8.85	870	+116
r	83-50	+12-10	13.00	1240	+267
N <sub>789</sub>	82-40	+9-24	9.60	935	+155

N-N<sub>78</sub>-

Ebr

713

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762

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610

#110 on 610 Contour

744

615

796

684

529

BSO F.S.	L Pt.	Vert L	Rod	Hor. Dist.	Dif. Elev.
d	24-40	+9-04	2.70	265	+42
c	38-30	+5-57	3.95	390	+41
9 <sub>0</sub>	358-20	+8-39	1.95	190	+29
0 <sub>9a</sub>	17-0	+11-50	3.40	327	+68
0-0 <sub>9</sub>	H.I.-4.8				
"0" <sub>10</sub>	168-05	-10-30	2.30	223	-41
"0" <sub>9</sub>	0-00	-12-16	3.15	302	-65
8	9-38	-16-16	2.45	226	-66
7	103-40	-4-30	0.80	80	-6.0
6	31-20	+4-15	3.60	360	-27
5	152-40	-5-05	2.00	190	-18
4	36-20	-5-25	2.40	230	-23
3	127-40	+4-57	2.55	250	+22
2	60-40	-11-02	1.00	96	-19
0 <sub>1</sub>	109-25	+12-09	3.10	295	+64
T <sub>6</sub>	244-28	+0-23			
T <sub>3</sub>	269-01	+5-15			
"P"	145-28	-2-35	18.60	1850	-84
N-0-	H.I.=48				
	124-40	+9-53	13-90	1355	+236
	120-0	+9-15	9-55	930	+152
	126-30	+8-24	13-10	1280	+189
	130-05	+6-18	9.70	955	106
	126-0	+7-28	10.20	1000	132

Elev. 611

653

652

640

679

611

635

611

610

on 610 Contour

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718

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661

529.



B.S. & F.S.	L. Ft.	Vert. L	Rod	Hor. Dist.	Dif. Elev.
10	13-25	+5-54	12.40	1230	+127
9	2-30	+0-49	11-50	1150	+17
8	19-0	+7-07	12.80	1260	+167
7	15-40	+4-47	13-20	1320	41
6	15-50	+6-43	13-40	1325	+156
5	8-35	+3-24	13.80	1380	+82
4	15-0	+7-39	14.40	1415	+190
3	3-20	+2-40	14.20	1420	+66
2	8-0	+5-34	15.30	1515	+148
P <sub>1</sub>	1-20	+1-31	14-00	1400	+37
T <sub>6</sub>	309-35	+1-39			
T <sub>3</sub>	327-51	+4-36			
O-P-	H.I. 4.9				
e	305-10	-13-55	1.15	109	-27
d	279-20	-8-48	1.75	170	-26
c	306-20	+1-15	2-05	205	+5.0
b	297-15	-2-08	4.80	480	-18.0
Orca	302-40	-0-16	4.00	400	-2.0
O-O <sub>10</sub>	H.I. 4.3				
i	56-05	+3-0	4.60	460	+24
h	56-50	+2-23	3.90	390	+16
g	63-0	+0-0	4.15	415	00
f	42-40	+4-01	3.60	360	+25
O <sub>9c</sub>	48-30	+6-33	4.50	445	+51
O-0 <sub>9</sub>					

Ekr 592

719

609

On 610 Contour.

759

633

748

674

782

658

740

629

592

608

# 131 on 610 Contour

609

# 130 on 610 Contour.

640

617

Red-5.3

629

Red 8.3

635

635

627

611

# 124 on 610

636

662

611

BS Δ FS	L R.	Vert L	Rod	Hor. Dist	Dif. Elev.
34	57-20	+2-03	12-60	1260	+45
33	52-10	+2-07	11.80	1180	+44
32	52-10	+3-35	13-20	1320	+83
31	50-05	+1-42	11-50	1150	+34
30	50-55	+4-28	14-40	1440	+112
29	45-10	+2-24	10.20	1020	+43
28	48-45	+6-11	15.40	1520	+165
27	41-05	+3-52	10.70	1070	+72
26	43-50	+6-27	15.10	1490	+169
25	38-30	+4-01	10.20	1020	+73
24	44-40	+4-53	13.90	1390	+118
23	41-20	+2-28	9.65	965	+41
22	38-10	+5-50	13.90	1375	+140
21	29-30	+2-31	9.45	945	+41
20	35-50	+8-16	15.40	1510	+220
19	22-25	+1-08	8-50	850	+17
18	27-40	+9-05	14-20	1385	+222
17	14-0	+2-56	10.60	1060	+54
16	17-30	+3-0	9.50	950	+50
15	27-50	+7-54	11-90	1170	+162
14	22-20	+4-42	10-80	1080	+38
13	23-0	+7-16	12-90	1270	+162
12	11-50	+4-03	12-20	1220	+87
P <sub>11</sub>	7-10	+2-08	12-00	1200	+45

Q-P-

H.I-4.1

Elev.

657

636

675

626

704

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757

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761

665

710

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732

653

812

609

On 610 Contour. #140

814

646

642

754

680

754

619

637

592

B.S. Δ FS	∠ Rt.	Vert. ∠	Rad.	Hor. Dist	Dif. Elev.
11	116-05	+5-40	11.70	1100	+109
11	112-05	+4-03	9.80	980	+69
10	115-0	+7-13	11.80	1160	+147
9	109-10	+7-42	11.55	1135	+153
8	104-35	+4-55	8.80	870	+75
7	105-0	+3-11	8.20	820	+46
6	111-10	+5-44	10.60	1050	+106
5	83-40	+2-52	7.90	790	+40
4	102-40	+5-33	9-30	920	+90
3	56-30	-1-07	8-00	800	-15
2	104-30	+7-12	11.05	1090	+138
R-1	103-0	+8-0	11.85	1175	+164
P-R-	H.I.=50				
R	95-29	+1-11	15.20	1520	+31.5
44	61-40	+5-39	19.90	1980	+195
43	65-20	+4-09	17.80	1780	+129
42	65-30	+2-12	14.60	1460	+56
41	57-45	+4-33	16.50	1650	+130
40	63-10	+3-22	15.10	1510	+88
39	54-0	+6-02	17-00	1690	+178
38	60-30	+3-15	14-20	1420	+80
37	50-50	+6-06	16.10	1595	+172
36	63-30	+1-54	13.50	1350	+45
P35	54-40	+3-44	14-0	1400	+93

O-P-

H.I.=49

Ever 624

723

693

771

777

699

670

730

664

714

609

#150 on 610 Contour.

762

708

623.5

623.5

787

721

648

722

680

770

672

764

637

685

592.

1068
16.1
2068
6208
1068
171948

B.S.O.F.S.	ℓ Rt.	Vert ℓ	Rod	Hor. Dist	Dif. Elev
4	112-35	+6-51	46.5	4.80	+57
3	112-10	+3-38	4.25	4.25	+27
2	100-0	+14-39	7.00	6.55	+172
51	<del>108</del> -20	+3-05	3.60	3.60	+19.
-P	8-36	+0-12			
R-5-	H.I-4.7				
5	113-17	-1-41	14-40	14.40	-42.5
29	135-50	+3-50	14.50	14.50	+97
28	143-30	-0-35	14.00	14.00	-14
27	137-35	+0-23	12.20	12.20	+9.0
26	136-0	+1-43	12.40	12.40	+37
25	131-20	+5-42	13.70.	13.60	+136
24	130-50	+0-55	10.90	10.90	+17.
23	132-55	+4-44	12.30	12.30	+91.
22	122-30	+0-19	8.90	8.90	+5.0
21	127-30	+1-15	10.30	10.30	+22
20	127-40	+4-36	12.50	12.50	+100
19	124-05	+3-25	11.05	11.05	+66
18	124-05	+6-36	13.00	12.80	+148
17	126-50	+2-01	10.45	10.45	+37
16	120-15	+6-09	12.40	12.25	+132
15	123-30	+4-20	11.40	11.40	+86
14	120-0	+2-01	9.30	9.30	+33
R-13	118-55	+3-50	9.65	9.65	+64
P-R-					

Elev.

658

608

#165 on 610 Contour

753

600

581.0

July 26, 1926.

5810

721

610

#160 on 610 Contour

633

Below Rd

661

700 Rod-6.0

641

715

629

Below Rd

646

± Pavement (666+74)

724

690

772

661

756

710

607

688

623.5



B.S. & F.S.	± R	Vert ±	Rod	Hor. Dist	Dif Elev
177-40	+2-26	13.90	1390	+58	
172-20	+7-54	15-20	1490	+205	
169-15	+6-35	15-00	1480	+171	
172-30	+3-26	11-80	1180	+71	
167-40	+6-25	12-55	1240	+140	
170-0	+5-21	12.20	1210	+114	
156-50	+6-42	9.45	935	+109	
155-30	+9-15	10.30	1005	+162	
160-20	+4-22	8.95	895	+68	
149-55	+10-21	10.10	975	+176	
165-15	+1-52	8.45	845	+28	
144-40	+10-24	10.50	1015	+187	
150-40	+4-53	8.10	800	+70	
135-40	+9-54	9.15	890	+155	
141-50	+5-57	7.40	730	+77	
126-50	+9-19	9.00	880	+144	
128-20	+6-42	7.00	690	+81	
125-0	+10-22	10.10	980	+179	
122-45	+7-53	7.90	725	107	
116-30	+10-09	9.20	890	+160	
108-10	+11-31	5.95	570	+117	
113-45	+11-53	10.90	1045	+220	
85-30	+8-12	5.65	555	+80	
85 109-30	+9-40	5.30	515	+89	

R-S-

Flv.

637

706

P

752

652

721

Rod-5.7 (677+907)  
(671+90) P.I. Highway Pavement

695

690

743

649

757

609

On 610 Contour.

708

651

736

658 ✓

725

662 ✓

760

688

741

698

801

60

670

Below Road

581

B.S. & F.S.	± R	Vert L	Rod	Hor. Dist	Dif. Elev
	173-00	+1-02	7.40	740	+13
	175-10	+3-40	11-60	1160	+74
	163-50	+1-26	5.65	565	+14
	175-45	+2-56	9.00	900	+46
	140-30	+3-26	3.45	345	+21
	180-55	+4-37	5.45	545	+44
	175-30	+2-25	5.15	515	+22
	157-0	+6-23	6.25	620	+68
	186-50	+6-32	4.65	460	+53
	131-50	+7-18	3.70	363	+47
	114-50	+7-12	3.00	295	+37
	140-10	+6-57	4.35	430	+53
	237-10	+20-36	2.50	220	+83
	103-40	+9-13	3.30	322	+52
	295-0	+8-44	1.20	117	+18
	75-40	-0-30	2.50	250	-2
	332-50	-4-24	1.00	100	-8
	353-20	-10-55	1.50	145	-28
41	<del>77-20</del>	<del>+4-46</del>	<del>3.00</del>		<del>+25</del>
S-U-	H.I.-5.2				
	178-40	+1-12	12.90	1290	+27
V	200-11	+3-53	13.20	1320	+89
"U"	181-5V	+4-37	15.80	1580	+12
	169-50	+7-02	16.00	1570	+195

R-S.

72  
27  
4.5

Elev. 721 Bottom

782 "

722

754 Bottom

729

752

730

776 Highway £ 688+93

761

755 Highway £ 685+93

745 " " 684+0

701 Highway £ 887+0

} Approx. Sta.

791

760

726

706

700

680 Red-8.2

~~733 On Highway £~~

708

608 Point on 610 Contour.

670

718

776

581

BS. A F.S	LR	Vert L	Rod	Hor. Dist	Diff. Elev
	253-30	+11-13	4.95	475	+95
	267-20	+7-01	4.60	450	+56
	254-20	+7-42	3.05	300	+40
	289-20	-1-53	4.35	435	-14
	234-25	+12-24	4.30	410	+90
W.	279-11	+3-12	4.26	425	+24
	213-05	+11-21	4.55	440	+88
	285-40	+0-32	4.15	415	+40
	305-20	-10-48	3.25	325	-62
	200-10	+10-17	5.60	540	+98
	280-20	-18-0	1.70	155	-50
	188-40	+6-53	5.40	530	+65
	187-05	+8-35	8.05	785	+119
	230-30	-11-58	1.60	153	-32
	168-40	+13-30	4.40	415	+100
	167-40	+12-07	2.40	230	+50
	327-20	-16-54	1.15	100	-32
V <sub>1</sub>	159-10	+15-45	3.15	295	+82
S-V-					
	114-50	-17-55	1.55	140	-50
P	4-23				
	166-10	-3-00	4.40	440	-23
	167-50	+5-22	8.00	790	+74
	170-40	+3-17	7.70	770	+44

Fly.

726

710

656

140

760

694

758

46

674

608

#182 on 610 Contour

768

620

#180 on 610 Contour below this point.

735

701

636

Red-7.2

770

720

638

752

670.0

658

Red Reading 9.2 Bottom

685

Bottom

702

752

708

B.S. & F.S.	L Rt	Vert. L	Red	Hor. Dist	Dif. Elev
22	227-10	+5-18	10.50	1040	+97
21	221-50	-0-30	7.70	770	-7.
20	222-40	-4-05	6.95	695	-49
19	229-40	+5-50	11-10	1100	+112
18	234-25	-3-36	8.00	800	-50
17	235-25	-6-49	7.25	715	-85
16	244-05	+3-36	10.80	1080	+67
15	244-15	-1-23	8.85	885	-21
14	248-20	-1-32	9-20	920	-25
13	249-50	-3-49	8.60	855	-57
12	260-45	+3-07	10.70	1070	+58
11	269-10	+0-52	9.80	980	+15
10	264-20	+2-21	10.40	1040	+48
9	272-15	-1-13	9.75	975	-21
8	275-15	-3-22	9.65	965	-57
7	278-05	-5-13	9.45	940	-85
<b>II</b>	294-15	-4-15	14.65	1460	-108
"X"	167-01	-3-37	10.90	1090	-69
6	168-40	-6-58	4.30	420	-52
5	160-55	-2-03	4.25	425	-15
4	146-20	+5-28	4.10	400	+39
3	129-35	+10-22	4.20	405	+74
2	131-55	+6-27	2.30	220	+26
W <sub>1</sub>	147-10	-0-05	1.95	195	-50

V-W - "H.I. 5.3

Elav 694

791

687

625

806

644

609 #200 on 610 Contour

761

673

669

637

752

709

742

673

637

609 #206 on 610 Contour.

586

625

642

679

733

768

700 Rod-6.3

689 Rod-10.3 } Draw.

694.



B.S. & F.S.	∠ Rn.	Vert. ∠	Rod	Hor. Dist	Dif. Elev.
	174-20	+2-27	14.00	135	+60
	172-0	+1-0	13.50	1350	+24
	170-20	-2-22	11.20	1120	-46
	176-55	+1-14	12.00	1200	+26
	176-20	-0-26	11.15	1115	-16
	182-30	+2-29	10.90	1090	+47
	173-10	-1-47	10.70	1070	-33
	180-20	+0-58	10.45	1045	+18
	182-30	+0-25	10.25	1025	+3
	197-25	+2-45	9.50	950	+45
	169-10	-6-16	9.50	940	-103
	197-50	+4-31	10.10	1010	+79
	183-20	-3-15	9.25	925	-52
	208-0	+2-32	9.50	950	+59
	188-35	-3-38	8.35	835	-53
	190-05	-0-43	8.75	875	-11
	212-20	+4-47	9.90	985	+82
	197-55	-2-42	8.25	825	-39
	211-50	-5-19	7.30	720	-68
	220-50	+3-08	10.00	1000	+55
	216-50	-0-46	8.40	840	-11
	226-50	+3-44	9.60	960	+63
	227-40	+0-21	8.00	800	+5.0
W-23	230-25	+1-47	9.50	950	+30

V-W-

Enr.

796

718 Rod-6.3

648

720

680 Rod 9.3

741

656 Rod-10.3

712

697

739

591

77

642

753

641

683

776

655

626

749

682 Rod-6.3

757

619

724

696

B.S. Δ F.S.	LR	Vert. Δ	Rod	Hor. Dist	Dif. Elev
	120-0	+8-02	7.70	755	+107
	85.0	-1-35	6.80	680	-19
	107-50	+11-26	8.30	795	+161
	80-05	+2-40	7.85	785	+37
	108-25	+9-26	6.80	665	+110
	107-45	+7-32	5.80	570	+75
	94-10	+4-12	7.60	760	+56
'Y'	103-56	+10-14	9.45	915	+165
	88-20	+4-27	11-20	1120	+87
	84-55	+6-26	11-05	1095	+123
	91-40	+2-10	10.70	1070	+40
	71-30	+9-36	8.45	825	+139
	89-25	+3-33	10.95	1095	+68
	67-45	+12-24	8.75	835	+183
	55-0	+13-29	6.25	590	+141
	66-40	+6-53	6.70	660	+80
	42-30	+13-27	5.80	550	+131
	73-35	+2-37	5.10	510	+23
	36-20	+10-01	5.30	515	+91
	58-10	-2-36	3.90	390	-187
	36-05	+6-0	4-50	440	+47
X <sub>2</sub>	35-10	-3-28	3.65	365	-22
X <sub>1</sub>	34-30	+2-28	4.15	415	-18
W-X-	H.I.=3.6				

Elev.

17

732

606

786

662

735

700

681

790

711 Rod-4.6

748

651 Rod-7.6

764

693

808

766

705

756

648

716

607

# 19a(?) en 610 Contour

694

603

607

625.

B.S. & F.S.	L R	Vert L	Red	Hor. Dist.	Dif. Elev.
	356-35	+10-21	6.85	645	+121
	343-50	+9-55	6.65	645	+118
	324-10	+7-53	6.00	590	+82
	343-20	+12-52	7.95	755	+172
	333-0	+6-40	6.35	620	+73
	329-20	+9-13	8.90	870	141
	341-25	+7-51	5.55	545	+75
	330-0	+8-04	7.60	745	106
	321-0	+9-25	7.90	770	+128
	320-50	+10-30	8.90	860	+160
	354-35	+8-09	5.70	555	+80
	319-30	+11-56	10.00	960	+204
	345-35	+2-0	4.25	425	+15
	306-0	+9-12	9.10	885	+144
	317-40	+0-39	3.60	360	+71.0
	306-20	+8-0	8.05	785	+110
	292-50	+0-11	4.00	400	410
	291-40	+4-30	4.75	475	+37
	309-50	+5-34	6.80	670	+66
c	309-10	+4-52	5.10	505	+43
b	297-15	+12-0	6.90	660	+141
X <sub>2a</sub>	314-15	+2-20	4.15	415	+17
X <sub>1</sub> -X <sub>2</sub>	H.I.=4.1				

Flcr.

31  
100

724

721

685

775

676

744

678

709

730 Red-5.1

763

683

807

617 Red-5.1

747

607 #194 on 610 Contour

713

604

640

668 Red-5.1

646

44

620

603

B.S. & F.S.	∠ R <sub>F</sub>	Vert ∠	Rod	Hor. Dist.	Dif. Elev.
	172-20	-2-51	9.60	960	-48
	161-0	-0-51	24.90	2490	-37
	162-30	-4-19	9.80	980	-74
	160-10	-1-18	20.40	2040	46
	174-45	-7-10	5.60	550	-70
	185-20	-2-17	6.70	670	-27
	182-05	-4-05	6.30	630	-45
	157-30	-1-17	17.70	1770	-40
	155-40	-1-18	15.70	1570	-36
	150-10	-0-03	13.60	1360	00
	175-10	-13-20	4.00	380	-90
	185-05	-8-54	3.60	350	-55
	154-35	-2-51	12.40	1240	-62
	218-30	-5-35	3.05	295	-30
	147-40	-0-45	11.00	1100	-15
	198-00	-4-39	3.45	355	-28
	153-05	-3-07	11.30	1130	-61
	205-50	-12-35	2.60	245	-55
	150-0	-3-33	9.90	990	-61
	186-40	-18-41	2.40	215	-73
	148-50	-2-0	10.20	1020	-24
	147-55	-3-47	8.20	820	-54
	164-15	-11-43	5.60	540	-112
Y	140-30	-1-36	8.00	800	-22

X-Y

H.I. 4.9

742

753 Rod-5.9

725 Rod-6.9

744

720

763 Rod-5.9

745

750

754

790

700

725

728

760

775 Rod-5.9

767

729

735

730 Rod 5.9

717

756

736 Rod-5.9

618

768

790



B.S. Δ F.S.	∠ R	Vert L	Red	Hor. Dist	Dif. Elev.
	92-40	+3-33	9.10	910	+56
	91-55	+5-02	9.95	985	+87
	70-05	+9-27	12-60	1225	+204
	72-0	+8-15	11.00	1080	+156
	75-25	+6-24	9.80	970	+109
	68-10	+10-0	10.10	980	+173
	65-10	+10-40	10.80	1060	+198
	78-45	+4-41	9.00	895	+73
	57-10	+11-30	10.40	1000	+204
	75-40	+5-36	700	710	+69
	58-15	+11-0	805	835	+162
	68-25	+7-50	705	740	+102
	59-30	+10-11	7.20	700	+128
	58-10	+8-43	6.40	625	+96
II,	64-10	+6-02	5.70	560	+60
W-II-		H.I = 4.5			
	157-45	-7-24	7.40	725	-900
	169-50	+0-01	12-20	1220	00
	161-50	-3-06	12.55	1255	-68
	159-25	-4-38	12-40	1240	180
	159-50	-2-22	17.25	1725	-71
	161-50	-1-01	17.50	1750	-31
	178-05	-1-20	9.50	950	-22.0

Elev.

642

673

790

742

695

759

784

659

790

655

748

688

714

682

626

586.

690 Rod 9.9

790

722

688 Rod-6.9

719

729

768

790

B.S. & F.S.	L.R	Vert. L	Rod	Hor. Dist.	Dif. Ele.
27	186-40	-3-08	2.90	290	-15.5
36	193-05	+0-42	3.70	370	+4.0
35	200-15	+1-50	3.85	385	+12
34	205-05	+5-06	4.40	435	+39
33	221-40	+10-51	6.85	660	+127
32	206-40	+12-02	6.70	640	+137
31	208-20	+10-02	7.70	750	+132
R <sub>30</sub>	205-05	+7-39	5.30	520	+70
III	247-47	+9-30	2.30	224	+37.5
P-R-	H.I.=5.0				
R	114-17	+1-18			
	102-05	+1-51	10.65	1065	+34
	105-05	+1-53	13-00	1300	+43
	102-30	+3-17	12.90	1290	+74
	97-45	+4-33	11.20	1120	+88
	91-40	+7-32	13.20	1300	+172
	99-50	+2-44	10.40	1040	+50
	96-30	+6-22	12.75	1260	+141
	93-35	+6-55	12.00	1180	+144
	85-40	+1-29	7.85	785	+23
	89-45	+8-01	12.00	1170	+166
	80-0	+3-30	8.40	840	+51
	82-20	+9-48	13-10	1280	220

Elev. 624

608

#214 on 610 Contour

628

636

663

751

761

756

694

661.0

623.5

Vert. L to top of Lath. 2.5

620

Old Fence Cor.

629

660

674

758

636

727

730

609

#210 on 610 Contour

752

607

806

586

B.S. & F.S.	L.R	Vert. L	Rod	Hor. Dist	Dif. Elev
6	303-40	-6-58	1.80	170	-22
5	117-0	+4-0	4.65	465	+32
4	325-45	+9-33	2.95	290	-50
3	89-20	+5-18	3.35	330	+31
v	350-10	-13-05	2.70	255	-60
IV	85-50	+9-50	3.95	385	+67
III-IV-	H.I-4.8				
V	226-07	+0-57	7.95	795	+12.0
P	299-48				
T <sub>3</sub>	331-27	+2-29			
IV	183-40	+4-41	6.15	615	+50
	226-40	-0-18	4.70	470	-2.0
	188-45	+5-25	9.80	970	+92
	291-35	-5-32	3.80	375	-36
	286-35	-11-04	2.85	275	-53
	241-0	-3-28	1.80	180	-17.0
	196-45	+1-25	2.15	215	+5.0
	178-25	+3-41	3.00	300	+19
III.1	156-30	+6-34	2.05	200	+23
R-III-	H.I-5.0				
39	290-50	+3-20	1.25	135	+7
R38	52-40	-11-41	0.80	75	-16
P-R-					

Elev.

689

743

661

742

651

778

711.0

673.

711

659.

753

625

608 #270 on 610 Contour E+W Fence } Drain

644 Rod - 11.0

666

680

684

661.

631

608

623.5

B.S.A. F.S.	LR	Vert. L	Rod	Hor. Dist.	Dif. Elev.
P	312-09				
	273-15	-3-13	4.65	465	-26
	255-45	-0-31	4.25	425	-4.0
	244-36	+3-31	6.50	650	+40
	243-50	+3-04	4.95	495	+27
	235-50	+6-04	6.80	670	+72
	233-20	+2-30	4.35	435	+19
	231-05	+8-33	6.45	630	+95
	234-55	+0-12	2.20	220	+1.0
	214-35	+11-0	5.00	480	+90
	253-55	-2-35	3.30	330	-15
	213-10	+4-46	3.05	305	+26
	272-20	-4-42	2.55	255	-21
	218-10	+8-26	3.85	380	+40
	169-50	+5-55	1.75	171	+18
	163-20	+9-21	3.30	320	+53
	117-05	+2-08	1.85	185	+7.0
	130-0	+2-29	3.20	320	+14
	65-50	-6-25	1.95	185	-22
	136-10	+7-53	4.75	465	+65
	43-30	-10-10	1.25	121	-22
	121-40	+6-47	5.50	540	+65
	44-0	-16-51	0.90	82.	-25
II-7	116-05	+6-06	5.80	575	+51

III-IV-

Elev.

685

707

751

738

783

730

806

712

801

696

7' Lower

697

690

751

729

762

718

724 Rod 5.8

689

15' Lower 10' Long

776

689

776

600

5' Lower

762

711.0



B.S. & F.S.	L.R.	Vert. L	Rod	Hor. Dist.	Dif. Elev.
5	64-0	+20-18	4.20	370	+136
4	63-0	+18-51	2.95	265	+90
P	287-38				
3	67-05	+9-53	1.50	146	+25
VI <sub>2</sub>	64-45	+14-42	2.20	205	+54
-VI <sub>1</sub>	76-40	+9-26	0.65	63	+11
Y-VI-	H.I-5.0		1		
VI	200-46	-5-50	7.53	748	-76
	189-30	-4-0	4.30	430	-30
	198-0	-9-19	2.15	210	-34
	199-20	-9-32	3.95	385	-65
	209-40	-16-18	2.15	200	-58
	310-24	-5-39	5-05	495	-50
	334-40	-3-48	5.70	570	-39
	158-20	-5-02	1.10	110	-13
	323-40	-5-0	7.55	750	-65
	186-0	-2-32	3.75	375	-17
	314-10	-6-23	5-85	575	-65
	175-50	+4-54	3.85	380	+33
	313-40	+7-09	4.25	419	+52
	163-20	+10-30	4-55	440	+82
	156-40	+11-56	2.50	240	+51
P	282-06				
V <sub>1</sub>	335-55	-6-08	1.25	120	-18
III-V-	H.I-4.9				

Elev.

755

687

622

651

608

Point on 610 Contour

597.

597

643

639

608 Rod-5.9 #232 on 610 Contour.

615

In drain

623

634 Rod-5.9

660 Rod-7.9

608

Point on 610 Contour.

656

608 Rod 5.9 Point on 610 Contour.

706

621

Mound of Rock

755

724

655

Rod 9.9

673.0

B.S. Δ F.S.	LR	Vert L	Rod	Hor. Dist.	Dif. Elev.	
	16	155-50	+1-13	2.60	260	+6.0
	15	114-0	+10-45	3.70	360	+68
	14	109-20	+2-40	1.85	185	+9.0
	13	97-0	+10-24	3.60	350	+64
	12	137-25	+3-49	1.40	140	+9.0
	11	80-50	+13-57	3.00	285	+70
	10	346-55	-13-33	1.20	113	-28
	9	78-30	+17-28	4.75	435	+136
	8	67-30	-13-11	0.90	85	-20
	7	46-40	+8-37	4.00	390	+59
	6	64-55	+6-14	2.05	200	+22
	5	41-50	+10-49	4.45	430	+82
	4	24-20	+0-12	3.30	330	+10
	3	4-45	-7-04	2.85	280	-35
	2	33-50	+7-05	4.05	400	+50
	III	348-20	-13-31	2.50	237	-62
VI-III		H.I. = 5.0				
		132-20	+1-48	4.45	445	+13
		116-30	+8-32	4.60	450	+68
		109-25	+12-17	4.75	455	+98
		100-45	+17-19	5.15	470	+146
		94-20	+20-44	5.85	515	+194
	VII	128-41	+4-16	9.85	980	+73
	6	68-30	+21-55	5.20	450	+180
Y-VI-		H.I. = 5.0				

Elev.  
675  
738  
679  
734 Small wash  
679  
740  
642  
806  
650 Wash #1  
728 Rod-6.0  
692  
702  
671  
635  
720  
608 Rod 10.0 #240 on 610 Contour. in wash #1.  
670.  
609 Rod-6.0  
665  
695  
743  
791  
610  
777  
597.

B.S. Δ F.S.	LR	Vert. L	Red	Hon. Dist.	Dif. Elev.
40	196-10	+6-25	8.05	795	+90
39	190-50	+5-14	7.80	770	+71
38	187-20	+7-45	7.80	765	+104
37	187-30	+5-48	7.00	690	+70
36	288-55	-18-13	1.45	130	-43
35	166-10	+6-0	6.55	650	+68
34	262-0	-22-50	1.75	150	-63
33	247-50	-8-38	3.20	212	-48
32	164-35	+7-02	7-55	745	+92
31	230-05	-4-43	4.55	455	-37
30	160-15	+8-13	8.20	800	+116
29	210-50	-2-44	5-15	515	-25
28	201-0	-1-01	4.95	495	-9.0
27	149-50	+9-04	6.40	625	+100
26	148-20	+8-19	5.70	560	+82
25	189-55	+0-49	5.65	565	+7.0
24	133-25	+8-40	5.60	520	+83
23	179-55	+3-21	6.10	610	+31
22	159-10	+4-30	3.10	310	+24
21	127-0	+9-06	6.20	605	+97
20	194-25	+0-99	2.25	225	+1.0
19	227-15	-7-17	2.25	225	-28
18	176-40	-8-45	1.50	146	-22
VII-11	107-55	+13-47	4.80	460	+110

VI - VII

Elev. 670  
700  
741  
774  
740  
626  
738 Wash #3  
607 Wash #2  
622  
762 Wash #3  
633 Wash #3 25 deeper 30' west  
786 Wash #3  
605 Wash #3  
661 Rod 6.0 Wash #3  
770  
752  
677 Rod 5.0 Wash #3  
753 (728) Wash #2 25 deeper 25' west  
701 Rod 10.0 Wash #3  
694  
761 Rod 11.0 Wash #2  
671  
642  
608 Wash #2  
780  
670

B.S. Δ	FS	∠R.	Vert. L.	Rod	Hor. Dist.	Dif. Elev.
63	222-35	+3-36	16.90	16.90	+106	
62	235-10	-2-52	11-10	1110	-59	
61	224-40	+3-33	15.30	1530	+95	
60	225-0	+2-38	14.70	1470	+68	
59	233-30	-2-20	12-10	1210	-50	
58	220-35	+3-47	13.70	1370	+90	
57	229-15	-0-41	12.20	1220	-15	
56	217-50	+4-07	12.30	1230	+88	
55	225-50	+0-28	11.90	1190	+10	
54	218-45	+2-53	11.80	1180	+59	
53	222-20	+1-35	12.00	1200	+33	
52	221-40	+0-42	10.70	1070	+13	
51	226-10	-0-38	10.65	1065	-12.0	
50	210-40	+5-14	10.00	990	+91	
49	230-45	-2-26	10.60	1060	-45	
48	212-05	+3-27	9.50	950	+57	
47	227-10	-3-04	8.70	870	-47	
46	219-30	-0-44	8.60	860	-11.0	
45	214-10	+1-46	8.60	860	+28	
P	346-50					
44	219-0	-2-30	6-45	645	-28	
43	208-40	+1-22	6.70	670	+15	
42	228-30	-4-22	5.95	595	-45	
VII 41	193-25	+4-0	7.05	705	+49	

Elev. 670

716

611 Rod 9.0

765

738

620

760

655

758

680

724

703

653

658

761

625

727

623

659

698

642

685

625

719

670

Small Draw between



B.S. I.F.S.	L.R.	Vert. L.	Red.	Hor. Dist.	Dif. Elev.
86	241-15	0-0	11.80	1180	-00
85	252-35	+3-11	11.50	1150	+64
84	239-30	-0-01	12.70	1270	00
83	237-50	+0-12	12.90	1290	50
82	247-50	+0-30	10.85	1085	+10
81	237-05	-0-35	12.80	1280	-13
80	245-40	+1-41	11.50	1150	+34
79	246-0	+2-52	12.00	1200	+60
78	247-10	+4-15	12.20	1220	+90
77	236-40	+0-11	15.00	1500	+50
76	237-50	+1-25	14.90	1490	+37
75	243-45	+3-16	14.40	1440	+82
74	239-10	+2-34	15.00	1500	+67
73	241-15	+3-42	15.10	1510	+97
72	237-40	+1-57	18.00	1800	+61
71	236-50	+1-30	18.20	1820	+47
70	230-05	+2-20	18-20	1820	+74
69	231-40	+1-43	17.80	1780	+53
68	235-25	-0-28	15.80	1580	-12
<u>VIII</u>	226-54	+3-27	19.95	1990	+120
67	233-45	+0-30	16-20	1620	+14
66	227-0	+3-24	19.50	1950	+116
65	229-30	-0-28	13.70	1370	-11
<u>VII</u>	233-50	-1-57	13-10	1310	-45

Elev.

670

734

670

Wash A

675

680

(660)

Wash B.

20' Lower 15' W.

657

704

730

760

675

707

703

Rod 6.0 Wash A

737

767

731

717

So. Side

744

723

658

Bottom

790

684

786

659

625

670

B.S. Δ F.S.	L R	Vert. L	Red	Hor. Dist.	Dif. Elev.
8	277-25	-1-43	4.10	410	-12.
7	249-15	-4-39	4.10	410	-32
6	220-10	-1-30	3.70	370	-10
5	209-0	-3-56	3.15	315	-23.
4	193-0	+0-22	4.45	445	+3-0
3	190-30	+0-58	3.35	335	+6.0
2	176-05	-1-16	2.65	265	-6.0
VIII	195-45	-12-25	1.45	138	-33
VII-VIII-	H.I.=47				
101	259-20	-5-24	6.75	670	-63
100	270-45	-4-0	6.65	660	-46
99	246-20	-4-24	8.15	810	-62
98	247-10	-2-58	8.65	865	-45
97	252-25	+1-0	9.15	915	+16
96	250-25	-0-40	8.90	890	-11.0
95	265-50	+1-33	7.30	730	+20
94	264-20	+2-40	8.05	805	+37
93	268-20	+5-02	9.45	935	+83
92	245-0	-2-14	10.40	1040	-41
91	260-30	+5-39	9.60	950	+94
90	240-30	-3-36	10.20	1020	-64
89	255-20	+3-16	9.40	940	+53
88	239-40	-1-30	11.80	1180	-31
VII	255-20	+4-15	10.05	1000	+74
VI-VII-					

850  
5-3-5-

Elev.

718

758

780

767 Rod-6.7 Bottom

793 Bottom main creek

796

784 Same drain,

757 (747) Rod-7.7 10' above bottom drain to N.

790

607 #260 on 610 Contour.

624

608 #258 on 610 Contour.

625

686

659

690

707

753

629 Rod-6.0 Wash B

764

606 Bottom + Wash B

723

639

744

670



B.S. & F.S.	ℓ.R.	Vert. ℓ	Rod	Hor. Dist.	Dif. Elev.
	285-0	+2-33	13-40	1340	+60
	299-10	-1-05	11.70	1170	-22
	285-05	+1-33	13.20	1320	+26
	295-35	-1-48	11.10	1110	-35
	291-35	-0-26	11.60	1160	-9.0
	288-0	+0-34	12.20	1220	+33
	284-15	+1-40	11.75	1175	+34
	290-10	-0-26	9.50	950	-7.0
	282-0	+2-23	12.70	1270	+53
	294-05	-2-0	8.90	890	-31
	276-10	+3-53	12-00	1200	+81
	300-20	-4-0	8.50	850	-59
	275-0	+4-12	10-15	1010	+74
	294-40	-3-56	8.20	820	-56
	281-30	+2-17	9.25	925	+27
	293-20	-3-37	7.60	760	-48
103	295-55	-5-15	7.20	715	-65
VII-IV	285-30	-0-25	7.60	760	-6.0
VI-VII-	H.I-4.9				
12	327-50	-11-28	1.80	174	-36
11	305-50	-17-26	1.75	160	-57
10	274-0	-15-02	3.20	300	-80
VIII 9	276-10	-6-37	3.75	370	-43
VII-VIII	H.I-4.7				

Elev.

720

648

706

635 (638) Draw #1 10' Lower

661 (651) Draw #1 10' Lower

703 Draw #1 Old Rd.

704

663

723 In Old Rd.

639

751

711

744 In Old Road.

614

707

622

605

664

670.

754. Red-5.7

733 Red-11.7

110 Bottom

747

790

B.S. Δ F.S.	LR	Vert. L	Rod	Hor. Dist.	Dif. Elev.
7	235-10	-4-08	1.80	170	-42
6	100-0	+14-48	4.30	405	+105
5	207-20	-8-53	1.60	155	-25
4	91-20	+12-50	5.05	490	+110
3	85-25	-10-22	1.10	106	-19
2	76-25	+7-43	4.00	395	+53
IX <sub>1</sub>	109-55	+5-13	1.90	185	+17
T <sub>3</sub>	211-28				
P	257-54	-2-51	14-55		
VII-IX-	H.I.-5.3				
IX	313-45	-0-10	18.80	1890	-5.5
	298-50	+2-22	17.29	1720	+101
	313-05	-2-29	14.40	1440	-62
	299-55	+2-22	16-10	1610	+66
	312-0	-1-0	17.10	1710	-30
	309-0	-0-05	17-10	1710	-5.0
	294-0	+3-06	15.70	1570	+85
	317-20	-0-27	15.10	1510	-16
	287-45	+4-12	14.80	1480	+108
	310-05	-1-39	14.90	1490	-43
	289-0	+2-43	14.00	1400	+67
	284-20	+3-45	13.80	1380	+90
14	296-50	+0-03	13-00	1300	0.0
VIII <sub>no</sub>	295-55	+0-01	12.60	1260	0.0

VI-VII-

Elev. 665

623

770

640

In Road

775

646

718

In Road

682

" "

18.9  
29  
1701  
378  
5.481

664.5

664.5

Road 25' South.

711

808

#277 on bio Contour.

736

Road-59

In Road

640

665

755

In Road to Baronat Valley

654

Road 8.9

778

627

737

760

670

Draw 70' Lower

670

670



B.S. Δ F.S.	∠ R	Vert. L	Rod	Hor. Dist	Dif. Elev.
7	35-0	+6-03	8.15	805	+86
6	29-25	+10-0	10.30	1000	+176
5	19-35	+9-13	6.60	645	+104
4	15-30	+7-19	5.35	525	+68
3	20-40	+7-55	8.95	875	+122
2	359-20	+4-56	7.55	750	+65
IX <sub>1</sub>	200-30	-1-26	2.60	260	-6.5
IX-X-	H.I.-4.8				
	284-07	-4-00	7.45	745	-52
IX	210-26	+2-51	14.55	1455	+72
	12-30	-4-30	6.95	695	-54.5
	229-40	-5-36	5.40	535	-52
Pa	328-44	-6-16	5.15	510	-56
O-P-	H.I.-4.9				
X	212-14	-6-26	10.85	1075	-121
	205-10	-7-22	4.40	420	-56
	145-55	+6-0	1.70	170	+18
	166-40	+6-34	3.10	305	+35
	141-0	+11-52	3.45	330	+70
	300-50	-22-36	0.95	81	-37
	124-15	+15-23	4.30	400	+110
9	242-0	-20-42	1.40	125	-47
IX <sub>8</sub>	111-10	+13-03	4.05	385	+90
IX <sub>8</sub> -	H.I.-5.3				

544

630

720

648

612

666

608.5 #280 on 610 Contour.

537 Approx. P.I. first curve So.

543.5

540 So. end Bridge.

664

537.5 Approx. P.I. First Curve No. 5. V. Bridge

40

536

Approx. Location of Sec. Cor. Cor. Concrete

592.0

by approach to  
Bridge.

543.5

609 Point on 610 Contour + Road to Barona

683

700

735

678 Rod-9.3

775

617 Rod 6.3

755

664.5

B.S. Δ F.S.	LR	Vert. L	Red.	Hor. Dist.	Dif. Elev.
X 31.4	80-51	+7-38	5-50	540	+72.5
30	141-40	+8-45	5-65	550	+85
29	143-15	+8-05	4.40	430	+61
28	81-30	+7-33	5.15	505	+67
27	67-15	+9-23	12.20	1190	186
26	65-35	+10-15	13.40	1300	+235
25	75-0	+6-56	7.55	745	+90
24	65-20	+11-18	14.10	1360	+270
23	78-50	+8-29	8.60	840	+126
22	68-0	+5-54	9.30	720	+95
21	68-10	+4-58	8.30	830	+86
20	54-10	+11-45	16.50	1280	+330
19	52-30	+4-36	8.10	810	+65
18	51-20	+6-53	8.70	860	+100
17	46-0	+10-15	15.90	1540	+278
16	50-50	+7-51	10.00	980	+135
15	48-45	+8-54	11.00	1075	+168
14	41-15	+10-15	9.65	935	+168
13	42-05	+9-06	9.25	905	+144
12	37-40	+10-44	10.80	1045	+198
11	42-20	+7-41	8.60	845	+112
10	35-10	+11-30	11.70	1125	+228
9	45-25	+5-37	7.70	760	+77
X 8	28-40	+11-16	11.40	1100	+217

IX-X- H.I.: 48

Elev.

690.0

629

605

611

730

779

63.4 Rod-8.8

814

670

639

630

874 Rod-9.8

609 Rod-6.8 #290 on bio Contour

644

822

679

712

712

688

742

656

772

814 Rod-6.8

761

543.5

B.S. A.F.S.	LR	Vert. L	Rod	Hor. Dist.	Dif. Elev.
b	137-30	+10-32	7.90	765	+143
g	144-35	+8-49	8.80	860	+134
f	122-45	+8-03	7.70	755	+107
e	143-40	+8-22	8.20	800	+118
d	146-30	+7-37	7.15	705	+94
c	150-05	+4-48	4.55	455	+38
b	92-0	+4-40	7.20	<del>720</del> +58	+58
X31a	164-30	+9-07	3.85	375	+69
X-X31-					
	75-05	10-40	11.40	1100	+208
	97-45	+8-46	9.30	910	+140
	75-30	+12-03	12.40	1190	+250
	111-30	+9-16	6.50	635	+104
	121-10	+8-44	5.90	575	+89
	82-45	+11-47	12.60	1210	+252
	92-50	+10-43	12.90	1225	+236
	101-15	+10-18	10.60	1025	+186
	98-40	+7-05	5.30	520	+65
XI	112-11	+11-03	9.85	950	+184
	99-55	+7-31	5.70	560	+74
	99-30	+8.10	7.80	765	+110
	89-40	+9-26	6.75	660	+93
	86-50	+8-37	6.00	585	+89
	128-0	+10-08	8.10	790	+140

IX-X-

Elev.

789

780

723

784

720

674

674

676

676.

752

684

677

674

633

796

780

730

609

# 300 on bio Contour

727.5

Rod-5.8

618

654

Rod 5.8

637

Rod 4.3

653

684

543.5

B.S. A. F.S.	LR	Vert. L	Red	Hor. Dist	Dif. Elev
	189-50	-4-32	8.00	800	-63
	198-30	-6-44	7.05	695	-82
	181-20	-1-29	8.90	890	-23
	189-20	-6-23	5.65	560	+62
	172-25	+1-36	10.00	1000	+28
	179-30	-4-25	5.15	515	-40
	165-25	+3-52	10.10	1010	+68
	161-10	+5-15	7.95	790	+73
	256-10	-18-04	2.45	222	-78
8	165-0	+3-05	7.35	735	+40
7	259-10	-17-02	4.50	410	-126
6	173-35	-4-58	4.35	430	-38
5	265-55	-16-23	3.20	300	-81
4	269-25	-15-09	2.10	225	-61
3	197-50	-7-06	2.15	210	-26
2	282-15	-11-55	1.75	170	-35
T <sub>3</sub>	262-13	+5-26			
XI	222-10	-12-15	1.25	120	-26
X-XI	H.I=4.6				
m	115-55	-1-18	3.05	305	-70
1	126-30	+4-44	4.00	400	+33
K	117-0	+9-24	9.70	945	+150
j	131-20	+9-23	5.60	545	+90
X <sub>31-i</sub>	135-15	+10-38	6.75	655	+123
X-X <sub>31-</sub>					

Elev. 728

602 Bottom

646 Bottom

705 Bottom

666

756

688 Draw 300' No. 30' deep

796

801

650 Rod 10.6

768

602

670 ✓ Draw 100' No. 25' deep

647 ✓

667 ✓

702

693

702

727.5

699 #291 on 610 Contour

669 Rod-7.1

766 Rod-11.1

701 Rod-10.1

739

676



B.S. Δ. F.S.	LR	Vert. L.	Rad	Hor. Dist	Dif. Elev
XII	227-29	-0-47	10.95	1095	-15
	224-20	+0-17	10.70	1070	+5
	216-30	-0-15	9.35	935	-4.0
	217-30	+2-14	10.40	1040	+4.0
	234-50	-3-08	11.40	1140	-6.2
	232-10	-2-18	10.90	1090	-4.6
	205-40	+1-04	10.10	1010	+1.9
	237-10	-4-28	10.45	1049	-8.1
	243-25	-6-24	10.70	1055	-11.9
	196-50	+0-25	9.80	980	+7.0
	241-20	-7-06	9.20	910	-11.3
	230-0	-4-46	9.10	905	-7.2
	191-40	+0-43	10.10	1010	+1.1
	226-30	-3-42	9.10	910	-5.9
	228-30	-4-30	8.25	820	-6.5
	239-50	-7-01	7.90	780	-9.6
	246-30	-8-51	7.80	765	-11.9
	179-35	+2-05	9.95	995	+3.6
	220-10	-7-40	7.20	705	-9.5
	229-0	-10-30	6.70	650	-12.0
	182-55	+0-20	10.30	1030	+5.0
	218-10	-11-37	5.75	555	-11.7
	179-10	-0-53	8.85	885	-1.4
	204-15	-8-47	6.45	630	-9.9

X-XI-

H.I-4.6

Elev.

112.5

733.0

724

768

666 Rod-6.6 Drain

684

747

647

609 #320 on 610 Contour

735

615

600 Rod-6.6 Drain

739 Rod-6.6 Drain

728

669 Drain

663

632

609

764

633

608

733 Small Drain

611 ✓ Rod-7-6

71 ✓

631 ✓

727.5

B.S. A.F.S.	L.R.	Vert. L.	Rod.	Hor. Dist.	Dif. Elev.
	85-10	+10-02	7.25	705	+124
✓	138-0	-2-38	9.40	940	-43
XIII-1	89-30	+10-07	7.35	+715	+127
XI-XIII-					
XIII	118-31	-2-51	8.60		-42.7
T <sub>3</sub> -T <sub>6</sub> -	H.I. 5.05				
	209-20	-6-43	4.45	440	-52
	202-50	-4-35	4.35	435	-35
	186-20	+1-07	4.20	420	+8.0
	172-40	+6-56	4.40	435	+53
	166-40	+9-20	4.80	470	+77
	228-45	-9-47	5.35	520	-90
	135-0	+6-53	4.75	470	+57
	216-50	-8-58	4.70	460	-72
	126-20	+8-55	4.40	430	+65
	208-55	-15-33	2.65	247	-67
	122-30	+9-42	4.20	410	+65
	187-40	-15-28	1.55	145	-47
	134-20	+2-32	3.60	360	+16
	144-40	-10-14	1.55	150	-27
XII	134-45	-1-57	2.30	230	+8.0
XI-XII-	H.I. = 5.0				
XIII	244-36	-2-32	16.90	1690	-75.0
X-XI-	H.I. = 4.6				

Elev. 652.

776

609

779.

652.5

652.0

694.7

712

660 Rod 8.0 Edge of Brush.

677

720

765 Rod 7.0

701

622

769

Draw

640

777 Rod 7.0

645

777 Rod 10.0

Rod 12.0 Draw 5' Lower

728 Jan. of draws.

685 (678) Draw. 7' Lower.

704

Draw

712.5

652.5

727.5

694.7  
42.7  
652.0

B.S. Δ F.S.	∠ R	Vert. L	Rod	Hor. Dist.	Dif. Elev.
	111-10	+4-33	13.70	1370	+109
	109-30	+4-50	12.05	1200	+102
	106-35	+6-03	12.90	1275	+135
	103-0	+6-12	12.10	1195	+130
	117-45	+4-42	11.60	1160	+95
	78-30	-3-40	1.60	160	-10.0
	94-40	+2-20	4.85	485	+20
	107-0	+4-38	10.20	1020	+82
	123-40	-7-12	5.20	520	-20
	102-05	+6-33	10.50	1020	+113
	111-55	+0-32	6.35	635	+60
	105-35	+2-43	6.60	660	+32
	103-25	+5-0	9.60	960	+84
	115-30	-0-04	8.20	820	
	106-10	+3-37	9.10	910	+57
	123-50	-2-04	7.80	780	-28
	120-35	+0-36	9.05	905	+35
	113-35	+2-13	9.60	960	+37
	102-45	+4-42	7.55	755	+61
	116-20	+1-20	11.70	1170	+39.5
	95-55	+6-41	6.90	680	+80
	126-05	-0-55	9.50	950	-15
	87-45	+7-41	6.60	650	+87
XIII-4	132-05	-2-30	9.10	910	-40

Elev: 652

751 Draw

754

787

782

747 Rod-7.2

642

672.5 Fence Cor.

734

632.5

771.5 Draw

659

705

736 Draw

653 Draw

709 Rod 8.2 Draw

624 Draw

662

689

713

692 Draw

732

637 Draw

703 Draw

612 Draw

652.5

B.S., I., F.S.	L.R.	Vert. L	Rod	Hor. Dist	Dif. Elev
356-00	-8-32	2.15	210.0	-31.5	
0-50	-6-35	3.55	350.0	-40.5	
13-40	-5-00	4.15	410.0	-36	
25-55	-2-58	4.15	415	-21.	
72-55	+2-34	3.20	320	+14	
115-35	-2-01	3.90	390	-14	
118-30	-1-27	5.15	515	-13	
133-10	-3-11	5.85	585	-32	
167-50	-3-54	4.30	430	-29	
154-10	-5-13	3.85	380	-35	
150-50	-4-33	5.80	580	-16	
132-30	-3-12	7.50	750	-12	
126-10	-1-48	8.25	825	-26	
135-50	-3-20	7.80	780	-45	
132-00	-0-19	10.25	1025	-6.0	
140-10	-2-03	12.30	1230	-44	
132-30	-2-45	8.90	890	-42.5	
XIV 135-0	-0-03	12.40	1240	-1.3	
121-0	+1-15	11-10	1110	+23	
121-40	+1-15	13.00	1300	+24	
116-40	+2-35	13.95	1395	+63	
113-45	+4-14	14.50	1445	+107	
111-30	+5-17	14.60	1450	+130	
109-10	+5-18	14.10	1400	+136	

Elev.

21

612.

616.5

on line of fence

631.5

on line of fence

666

on line of fence.

638

on line of fence

639

621

623

on line of fence

617

on line of fence

606

0

Red 8.2

626

607 ✓

Pt on 610

646

608.5

610

# 458 on 610 Contour

651.2

675 Red 6.2

676 Red-9.2

715

759

706

782

Draw

652.5

6.5  
5.2

6.5  
2.2



B.S. & F.S.	LR	Vert. L	Rod	Hor. Dist.	Dif. Eted
	145-50	+9-15	6.90	675	+110
	151-30	-4-30	4.05	405	-32
	156-50	-7-14	3.35	330	-42
	148-30	-6-55	2.95	290	-35
	134-10	-0-26	3.60	360	-3.0
	125-35	+4-42	4.30	430	+35
	131-50	+6-43	6.05	595	+70
	114-30	+2-54	4.20	420	+21
	123-40	+8-57	4.90	480	+75
	122-05	-2-25	3.15	315	-13
	119-0	+10-12	5.75	560	+100
	106-30	-0-38	2.28	228	-3.0
	113-20	+10-33	5.75	560	+104
	79-30	+2-40	3.05	305	+14
	99-50	+10-10	4.95	480	+86
	93-10	-1-48	1.70	170	-5
	86-45	+8-36	5.25	515	+78
T <sub>2</sub>	250-56				
T <sub>3</sub>	297-58				
T <sub>6</sub>	316-24				
XIV	285-56	-18-17	1.20	108	-36
XIII-XIV	HI=49				
	74-30	+11-00	6.90	580	+10
	87-00	+7-04	5.75	570	+70
	HI. 5.2				

Elev. 651

161

619

609

#466 on 610 Contour

616

648

686

720

672

726

638

751

648

755

651

665

737

646

Draw 25' west 25' Lower

729

615

651.

759

723

652

B.S. Δ. FS	∠ R.	Vert. L	Rod	Hor. Dist.	Dif. Elev.
↓	149-20	+2-02	5.55	555	+19
3	160-25	+0.37	5.80	580	-2.0
2	150-0	+0-17	7.00	700	+4.0
XV	154-0	-2-35	5.10	5.10	-26.0
XIV-XV	H.I.=4.7				
XV	186-14	+7-06	9.05	890	+111
	178-30	+3-37	11.00	1100	+69
	176-50	+2-35	9.60	960	+43
	173-30	+6-04	10.90	1080	+115
	177-55	+1-27	7.75	775	+20
	174-55	+3-57	10.20	1020	+70
	176-10	+1-04	8.55	855	+16
	172-15	-1-14	7.15	715	-15
	169-05	+4-41	8.90	890	+73
	176-50	-4-02	6.10	610	-43
	164-25	+7-58	9.35	915	+128
	168-10	-2-0	6.05	605	-21
	158-40	+7-33	8.45	830	+109
	159-25	-1-48	6.05	605	-19
	153-10	+6-48	7.80	770	+92
	149-45	+1-37	5.05	505	+14
	150-25	+8-03	6.60	645	+92
	138-45	+2-35	5.20	520	+23
	143-40	-1.0	4.65	445	-8.0
XIII-XIV	H.I.=4.9				

Elev. 65  
781 L.  
760 Rod-127R.  
766 Bottom  
736 Rod 7.7 Bottom  
762  
762  
720  
694  
766  
671 ✓  
721 ✓  
677  
636  
724  
608  
779  
630  
758 Rod 7.9  
632 ✓  
743  
665  
743  
614  
643 ✓  
651

B.S. & I.S.	LR	Vert. L	Rod	Hor. Dist.	Dif. Elev.
T <sub>v</sub>	256-49	+3-37			
T <sub>i</sub>	232-05	+0-19			
<del>XVI-XVII</del>	H.I.-5.2				
<del>XVII</del>	162-42	+3-21	5.05	505	+29.5
<del>XIV-XVI</del>	H.I.-5.1				
	215-30	-2-11	10.70	1070	-41
	212-05	-0-20	10.65	1065	-8.0
<del>XVI</del>	225-58	-4-42	12.70	1265	-103.5
	210-15	-1-17	8.95	895	-20
	205-20	-1-05	8.05	805	-15
	219-50	-1-52	12.05	1205	-39
	185-30	-4-51	5.15	510	-43
	212-10	+1-41	12.50	1250	+37
	209-20	-3-02	8.00	800	-42
	206-10	+4-41	12.20	1220	+101
	202-20	+6-10	12.30	1210	+131
	201-25	+4-08	9.90	990	+73
	202-10	-3-12	5.45	545	-31
	196-50	+6-01	10.40	1030	+108
	197-0	+0-48	5.95	595	+9.0
	192-30	+6-03	9.70	955	+100
	192-40	+4-19	6.80	680	+51
	188-30	+6-18	7.75	765	+85
	187-05	+7-30	9.70	950	+126
<del>XIII-XIV</del>	H.I.-4.8				

Elev.

577.0

577.0

547.5

610

643 Rod-68

547.5

631

636 Rod 7.8

612

608

#473 on 610 Contour.

688

609

Point on 610 Contour

752

782 ✓.

724

620 ✓

769

660

751 ✓ Rod 7.8

702

756

777

651.

651  
103.5  
547.5

B.S.D.F.S.	L.R.	Vert. L	Red	Hor. Dist.	Dif. Elev.
	125-10	+13-23	5.60	530	+126
	115-30	+9-08	2.10	205	+33
	109-50	+16-49	5.10	470	+141
	108-35	+19-30	6.55	585	+204
	134-35	+9-37	4.35	425	+71
	105-0	+20-58	7.45	650	+250
	127-25	+11-38	4.90	470	+97
	85-20	+17-36	3.95	360	+114
	91-45	+20-37	7.80	685	+254
	84-40	+16-40	2.80	257	+77
	75-50	+13-47	1.95	185	+45
	48-20	+9-06	2.30	225	+36
	58-0	+15-21	3.90	360	+98
	75-10	20-47	6.30	555	+201
	42-50	+14-45	5.05	475	+124
	85-0	+20-06	5.90	520	+188
	39-40	+13-03	3.90	370	+86
	34-55	+10-28	3.50	340	+62
	81-10	+19-16	4.75	425	+148
	17-40	+4-15	4.30	430	+32
XVII-1	65-30	+15-33	3.70	345	+96
T <sub>6</sub>	347-30				
T <sub>4</sub>	301-20				
T <sub>3</sub>	316-46				
XVI-XVII-	H. I. = 5.2				

Elev. 577  
103 Draw  
610 About #490 on 610 Contour  
718  
781 Rod 7.2  
648 Rod and Draw 15' deep 15'E.  
827  
674 Wash  
691  
831 Rod-8.2 Wash  
654  
622  
673 Wash  
675 Rod-6.2  
778 Rod-12-2577  
701  
765 Rod 8.2 Wash  
663  
639  
725  
609 #485 on 610 Contour  
673



B.S. & F.S.	L.R.	Vert. L.	Red	Hor. Dist.	Dif. Elev.
	216-0	+3-40	5.60	560	+36
	181-40	+9-24	11-45	1120	+185
	174-20	+9-40	10.90	1060	+180
	211-30	+6-01	6.10	605	+67
	202-40	+7-38	7.50	735	+99
	179-35	+8-48	11-10	1090	+168
	197-10	+6-37	8.70	855	+100
	181-35	+7-08	9.70	955	+119
	188-10	+6-04	9.30	920	+98
	176-20	+9-06	9.40	915	+140
	187-10	+4-05	8.55	855	+61
	169-05	+8-33	8.60	840	+127
	178-25	+7-24	8.00	785	+99
	173-50	+5-44	7.40	730	+70
	165-05	+9-22	5.70	555	+92
	166-25	+7-32	5.35	525	+70
	169-25	+4-08	4.70	470	+34
	155-35	+12-35	7.70	735	+164
	151-10	+6-37	4.45	440	+51
	149-20	+11-09	6.85	660	+130
	160-05	+4-03	4.45	445	+28
	148-40	+13-06	7.60	720	+168
	134-55	+8-47	2.90	285	+44
	140-20	+14-32	6.70	630	+162

XVI-XVII - H.I. = 5.7

Flor. 577.  
613 #503 on 610 Contour  
762  
757  
644  
676  
745 Draw  
677  
696 Draw  
675  
717 Rod-12-2  
638  
704 Draw 25'E. 15' Lower  
676 Rod 9.2  
647 Rod-9.2  
669  
627  
611  
740 Rod 6.2  
628 Rod-6.2  
707  
605 Rod 9.2  
745  
601 Rod 12.2  
739 Rod 9.2  
577.

B.S. Δ.F.S. L.R. Vert. L. Rod Hor. Dist Dif. Elev.

Contd in Book# Page#

XVIII	245-10	+1-06 <sub>+3-38</sub>	14.60 <sub>15.50</sub>	1460	+28.
T <sub>2</sub>	256-49	+3-38	15.50	1545	+98
	H.I.	5.4			
	188-20	+8-0	10.90	1065	+150
	183-20	+3-43	6.70	670	+42
	184-35	+9-03	11.70	1140	+176
	188-40	+2-26	8.15	815	+34
	196-40	+3-01	6.25	625	+33

Elev.

605

675

Elev.  $T_2 = 674.5$ .

727

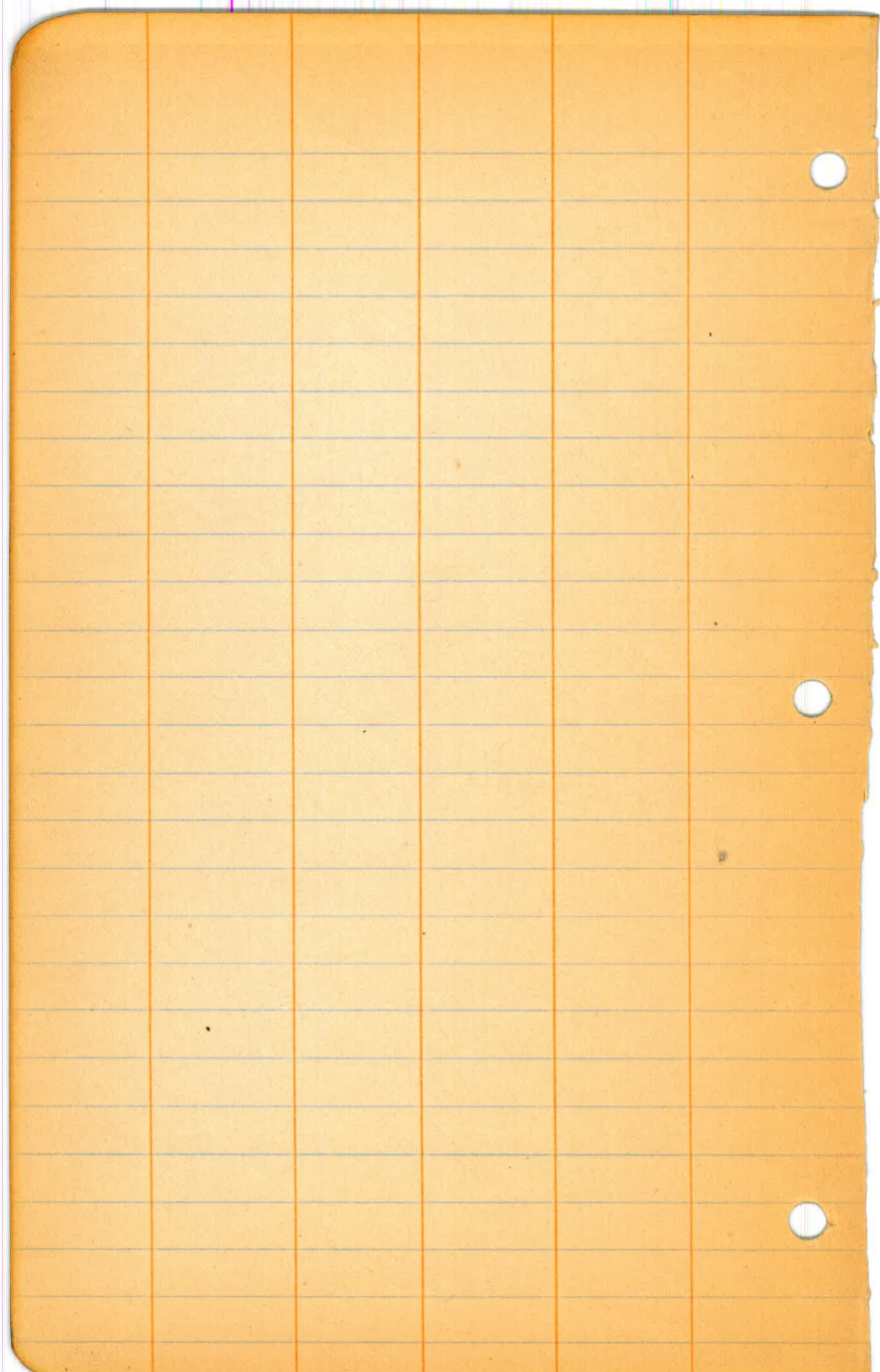
619 Rod 5.2

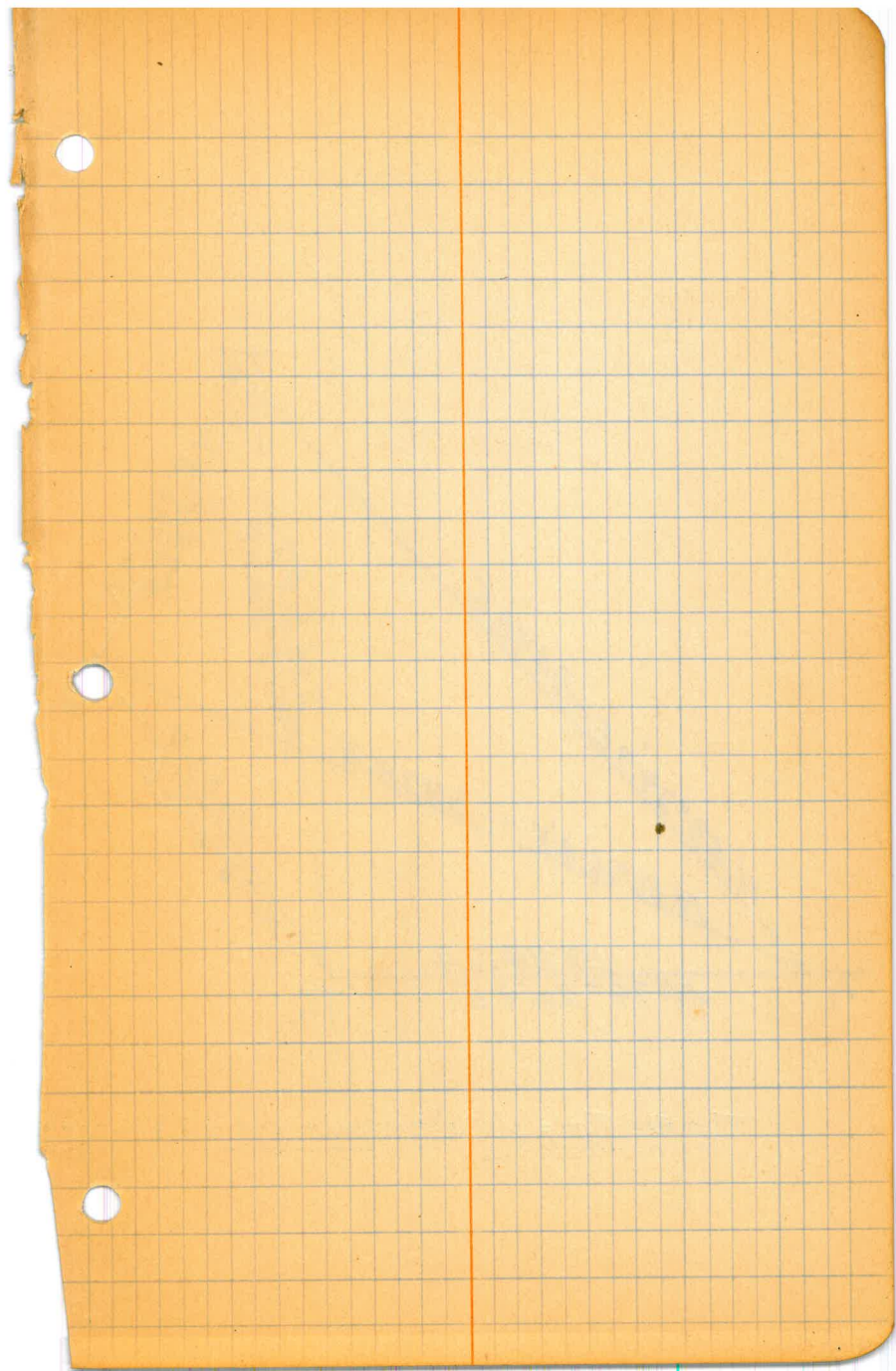
753 Rod 11.2

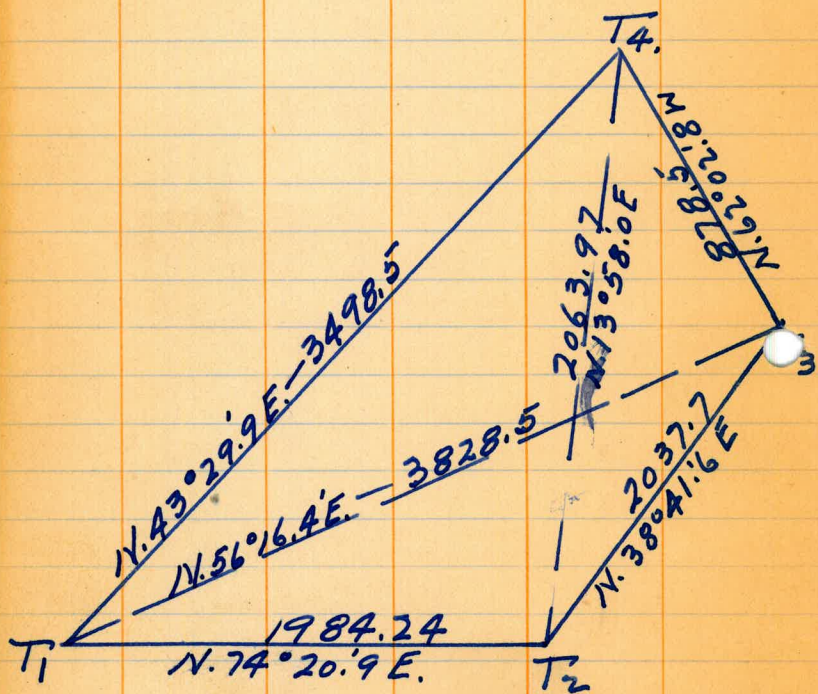
611

610. #500 on 610 Contour.

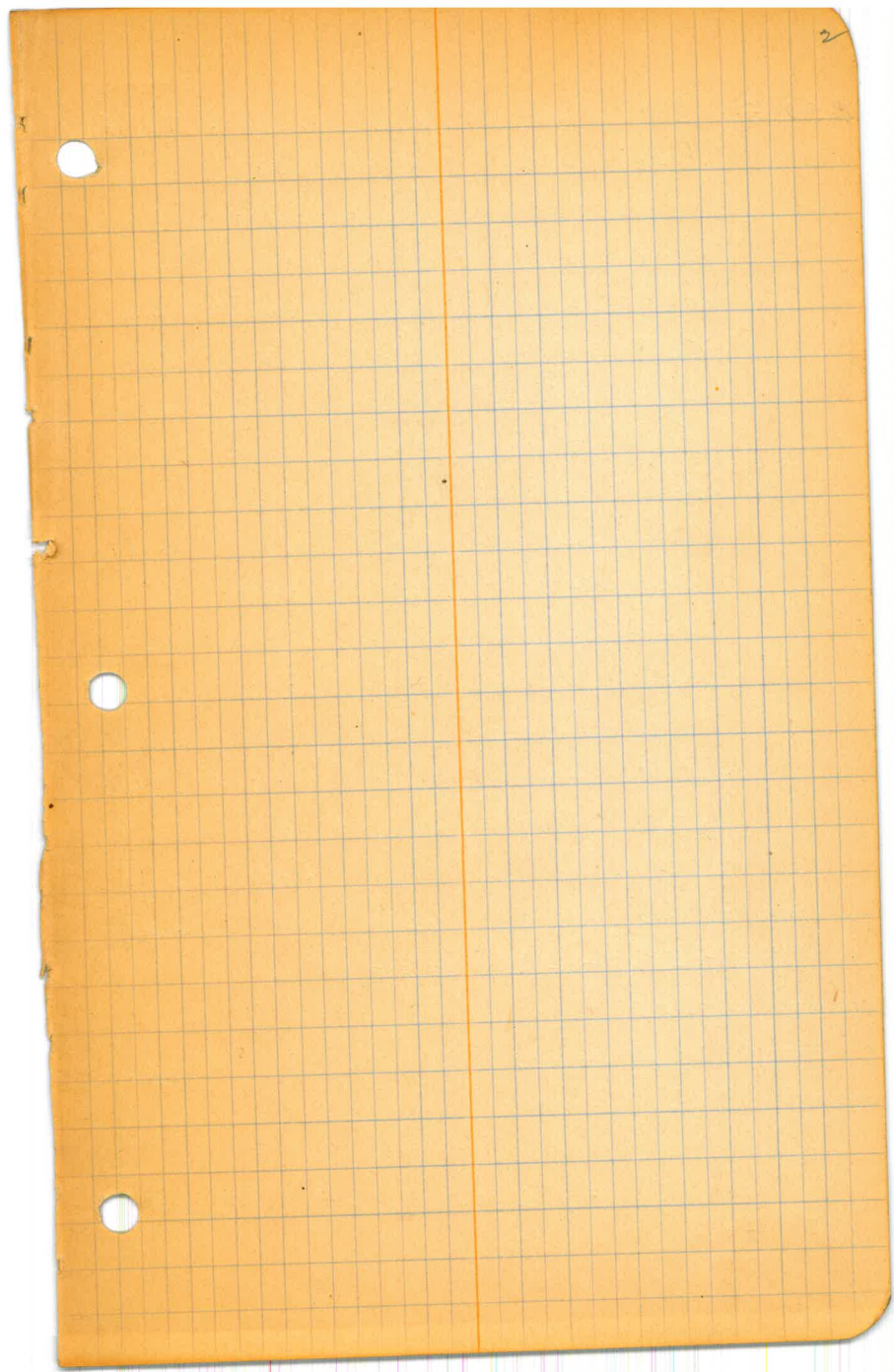
577.







$T_1$  to  $T_5 = N. 70^\circ 38.6' W.$





B.S. & F.S.	L.R.	Vert. L	Rod	Hor. Dist.	Dif. Elev.
	48-30	+2-10	9.90	990	+38
	63-0	+6-23	12.05	1185	+133
	44-50	+1-50	9.80	980	+31
	44-30	+0-24	9.00	900	+7.0
	54-20	+5-21	12.20	1210	+114
	41-20	+0-18	9.10	910	+5.0
	56-10	+7-03	13.40	1315	+163
	26-0	+0-18	8.90	890	+5.0
	40-45	+1-06	9.70	970	+19
	50-30	+7-0	13.80	1355	+166
	41-10	+2-43	10.40	1040	+47
	49-50	+6-17	13.20	1320	+146
	34-55	+3-45	10.10	1010	+66
	34-50	+2-13	9.65	965	+37
	45-05	+4-35	11.25	1120	+90
	44-10	+3-58	11.30	1130	+78
<del>XVIII-1</del>	213-10	+13-38	0.20	19	+46
T <sub>1</sub>	156-52	-0-14'	18.85		
<del>XVII-XVIII-</del>	H.I. = 5.2				
<del>XVII</del>	245-10	+1-06	14.60	1460	+28.0
<del>XVI-XVII-</del>					

Cont'd. from Book # Page #

Flev. (605)

623

738

636

612 ✓

719 ✓

610 ✓ #510 on 610 Contour

768 ✓

610 ✓

624

771

652 Rod 2.2 Drant

7

671

642

695

683

609.6 #415 on 610 Contour.

605.

605

577.

Aug. 5. 1926.  
Converse  
Tallackson  
Duermit  
Simpson.

B.S. & I.F.S.	L.R.	Vert. L	Red	Hor. Dist	Dif. Elev
82-20	+1-46	13.70	1370	+42	
82-05	+3-09	14.70	1470	+81	
93-10	+7-28	16.30	1600	+210	
79-10	+3-26	14.10	1410	+82	
97-15	+3-20	14.00	1400	+81	
81-0	+3-57	14.90	1490	+103	
79-10	+2-16	13.60	1360	+50	
80-20	+5-24	16.10	1595	+151	
82-20	+0-27	12.85	1285	+10	
77-20	+5-45	15.60	1545	+158	
79-50	+0-15	11.30	1130	+5.0	
74-10	+5-30	15.00	1480	+14	
66-10	+0-15	9.30	930	+4.0	
75-25	+0-16	10.30	1030	+5.0	
69-0	+3-19	11.10	1110	+64	
75-50	+4-16	14.70	1460	+109	
63-30	+4-50	11.10	1100	+93	
60-0	+4-33	11.20	1110	+88	
70-50	+6-07	13.60	1340	+144	
57-15	+2-39	10.20	1020	+47	
56-0	+0-43	9.10	910	+10	
57-30	+0-45	9.50	950	+10	
63-50	+7-44	12.80	1255	+17	
52-35	+2-26	10.60	1060	+45	

Elev.

647

686

815

687 Rod 7.2

686

708

655 Rod 9.2

756

615 ✓

763

610

608

609

610 #520 on 610 Contour.

669

714

698

693

749

652

615 Rod-6.2

615 Rod 7.2

676

650

605.

B.S. I.F.S	L R.	Vert. L	Rod	Hor. Dis.	Dif. Elev.
120-40	+2-33	14.80	1480	+66	
117-40	+0-12	13.60	1360	+5.0	
125-0	+1-22	15.40	1540	+37	
109-30	+0-18	12.80	1280	+5.0	
122-50	+2-38	15.70	1570	+72	
109-30	+1-15	13.00	1300	+28	
120-40	+4-47	16.50	1640	+137	
108-40	+3-0	13.60	1360	+71	
115-50	+6-43	16.30	1610	+190	
101-30	+2-51	14.90	1490	+74	
101-15	+1-24	13.80	1380	+34	
101-10	+0-15	12.90	1290	+5.	
96-20	+0-14	12.40	1240	+5.0	
95-05	+1-02	12.80	1280	+23	
103-25	+5-10	16.10	1595	+145	
94-50	+2-25	13.40	1340	+57	
102-25	+4-0	15.40	1530	+107	
89-30	+2-52	13.70	1370	+68	
89-0	+1-28	13.10	1310	+34	
96-15	+4-37	14.40	1430	+116	
87-30	+0-18	12.60	1260	+6.0	
95-50	+5-45	15.00	1485	+150	
83-30	+0-03	12.80	1280	00	
94-10	+6-25	15.70	1550	+174	

Flev.

671

610

642

610 #530 on 610 Contour

677

633

742

676

795

679 ✓

639

610

628

750

662

712

673

639

721

611

755

605

779

605

B.S. Δ F.S	∠ R.	Vert. ∠	Rod	Hort. Dis.	Dif. Elev
	69-0	+1-44	3.25	325	+10.0
	71-20	+14-51	7.35	690.0	+182.0
	66-20	+6-41	4.30	425	+50.0
	64-50	+11-42	7.00	675	+140.0
	72-35	+10-17	4.90	475	+86.0
	58-05	+8-0	6.30	600	+87.0
	51-0	+4-29	6.10	610	+48.0
XIX 1	147-25	+2-35	2.95	295	+13.0
T <sub>1</sub> -XIX-	H.I.-5.1				
.	70-10	+0-42	9.20	920	+11.0
XIX	97-0	0-0	12.15	1215	0
K	290-53				
T <sub>5</sub>	206-09				
XVIII-T <sub>1</sub> -	H.I.-5.1				
	126-20	+1-21	16.70	1670	+57
	128-0	+0-32	17.40	1740	+16
	127-10	+0-07	15.30	1530	+2-0
	123-25	+0-12	14.40	1440	+5.0
	124-30	+0-25	14.90	1490	+11
	123-30	+1-31	15.10	1510	+40
	116-10	+3-51	14.80	1480	+100
	116-50	+2-19	14.40	1440	+58
	119-20	+4-0	15.20	1520	+106
	116-40	+1-13	14.00	1400	+30

Flor.

607

679

647

737

683

684

645

610 #543 on 610 Contour

597

608 #540 on 610 Contour

597

597 597

644

621

607

610

616

645

705

663

11

635



B.S. A-F.S.	L.R.	Vert. L	Rod	Hort. Dis	Dif. Elev.
	159-40	+23-06	3.20	270	+115
	130-00	+5-03	2.25	225	+20
	138-00	+12-07	2.80	265	+53
	139-50	+17-32	3.70	340	+106
	127-30	+11-19	4.50	435	+87
	120-30	+6-42	3.75	370	+44
	114-20	+2-02	3.30	330	+12
	132-30	+15-31	5.85	565	+151
	86-05	+1-06	4.20	420	+8.0
	127-30	+13-06	5.05	480	+112
Fig-2+46 <sup>2</sup>	H.I.: 5.0				
	137-45	+8-29	10.50	1025	+154
	128-15	+14-13	9.85	925	+235.0
	125-40	+13-27	8.95	845	+202.0
	130-30	+7-43	4.05	395	+54.0
	123-50	+10-07	5.65	550	+98.0
	113-05	+15-39	7.70	715	+200.0
	106-20	+10-36	5.00	485	+91.0
	115-50	+13-38	6.70	635	+154.0
	108-30	+7-12	4.10	405	+51.0
	108-40	+2-48	3.25	335	+11.0
	92-00	+15-15	5.80	540	+147
	88-50	+16-45	6.95	640	+192.0

Flex.

717

622

660

708

689 Draw

646 Draw

614 Draw

753 Draw

610 #550 on bio Contour.

714 Draw

602.0 Note. Set-up on 2+46.91. Right side  
of Dam Axis. Backsite on 0+00.

751

832

799

651

695

797

688

751

648

608

44

789

597

B.S. A.F.S.	L.R.	Vert. L	Rod	Hor. Dis.	Dif. Elev.
	20-0	+7-45	9.35	920	+125.0
	18-0	+5-40	8.60	850	+85.0
	291-20	+4-51	10.10	1005	+85.0
	22-20	+5-50	7.90	780	+80.0
<del>XX</del>	293-50	+2-50	10.20	1010	+103
2+46.91 <del>XX</del>	H.I.=47				+
	341-40	+0-54	6.50	650	+10.0
	321-30	+0-30	7.70	770	+7.0
	328-40	+3-40	8.60	860	+55.0
	336-30	+5-46	8.45	840	+85.0
	343-50	+7-42	9.60	940	+128.0
	347-30	+9-38	11.75	1125	+194.0
	351-20	+10-05	10.35	1055	+187.0
	358-30	+8-52	10.80	1055	+165.0
	15-30	+9-23	11.10	1085	+178.0
	19-30	+0-10	7.70	770	+2.0
	26-10	+0-30	8.90	890	+8.0
<del>XX</del>	279-50	-4-24	10.35	1030	-39.0
	207-50	+22-48	2.55	215	+91.0
	220-20	+16-52	2.20	200	+57.0
	242-50	+5-53	1.90	190	+17.0
	182-0	+12-46	0.37	35	+8.0
	165-30	25-34	4.45	365	+174.0
	131-40	+2-54	1.70	170	+9.0

Elev. 520

648 Draw

608 Draw

608

603

626

523.0

617

609

657

687

730

796

789

767

786

604 # 560 on 610 Contour

610 # 563 on 610 Contour

523

693

653 Rod 9.0

619 Rod 8.0

610 # 555 on 610 Contour

776

611

602.0

$$\begin{array}{r} 602 \\ 79 \\ \hline 523 \end{array}$$

B.S. & F.S.	∠ R.	Vert. ∠	Rod	Hor. Dis.	Dif. Elev.
31-20	+5-45	8.80	870	+ 88.0	
33-0	+7-0	9.50	935	+115	
36-10	+7-51	10.50	1030	+192.0	
287-0	+4-10	11.10	1110	+ 81.0	
33-30	+8-38	10.20	1000	+152.0	
284-20	+3-48	12.50	1250	+ 83.0	
33-50	+10-24	10.85	1050	+193.0	
287-40	+5-52	12.90	1275	+130.0	
36-0	+9-38	11.10	1080	+183.0	
289-10	+7-15	13.60	1340	+170.0	
35-20	+11-08	12.00	1155	+227	
292-10	+9-17	13.75	1340	+219.0	
33-20	+13-02	12.55	1195	+276.0	
293-40	+10-38	13.40	1300	+243.0	
24-30	+13-14	11.75	1115	+262.0	
294-0	+10-11	13.20	1280	+130.0	
24-20	+12-12	11.00	1050	+226.0	
297-40	+10-22	12.40	1200	+220.0	
18-40	+10-48	11.00	1065	+202.0	
304-20	+10-17	11.90	1155	+210.0	
23-50	+11-24	10.55	1015	+205.0	
22-20	+8-53	9.40	920	+144	
296-0	+7-18	10.65	1045	+134.0	

Elev.

611

Drawn 25' Lower 50' So.

638

665

Drawn

604

675

606

716

653

706

Drawn

693

50

Drawn

742

799

766

786

753

749

On 750 Contour.

743

725

Drawn

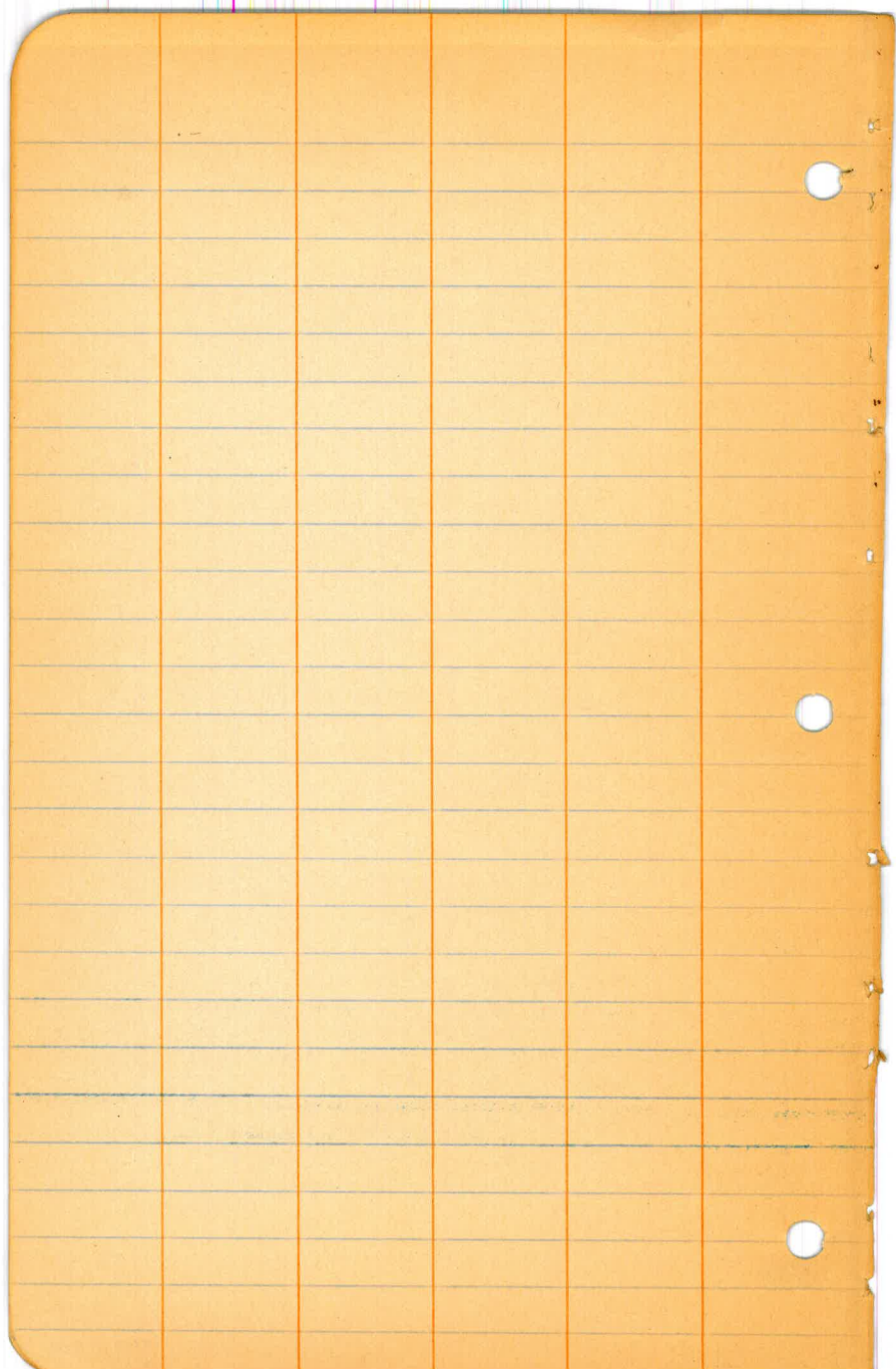
733

728

7

657

523.0



Tie to  $\frac{1}{16}$  Cor. Bet. Sec. 30-31.

TIAS. R.I.E.

N.E. Cor. Foster School House.

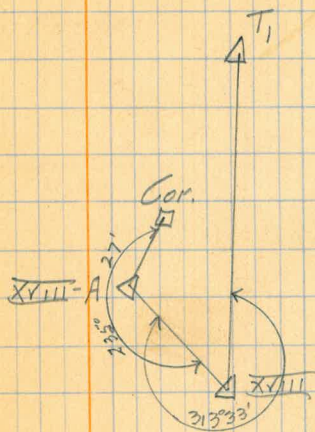




Elev.

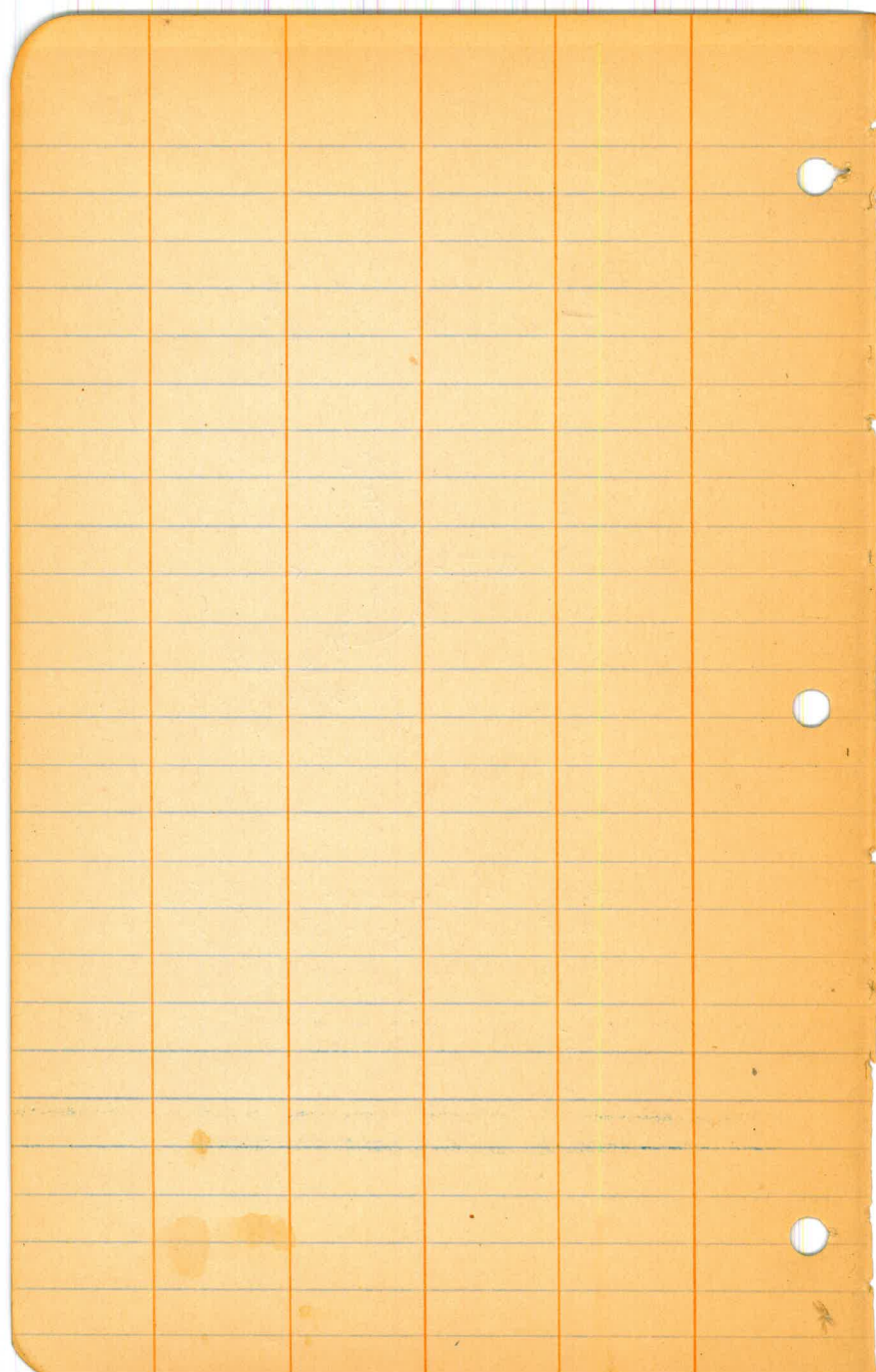
Forly  
Converse - Chiet  
Leach - T  
Duermit - Rod  
Simpson " Aug. 20

665  
1.3  
555



Stone at Intersection of Fences.  
N.E. Cor. Foster School House.

605.0



Tie to  $\frac{1}{4}$  Cor. Sec. 30-30.  
T14 S. R. 1 E.

BS & FS.	L R	Vert. L	Rod	Hor. Dist.	Diff. Elev.
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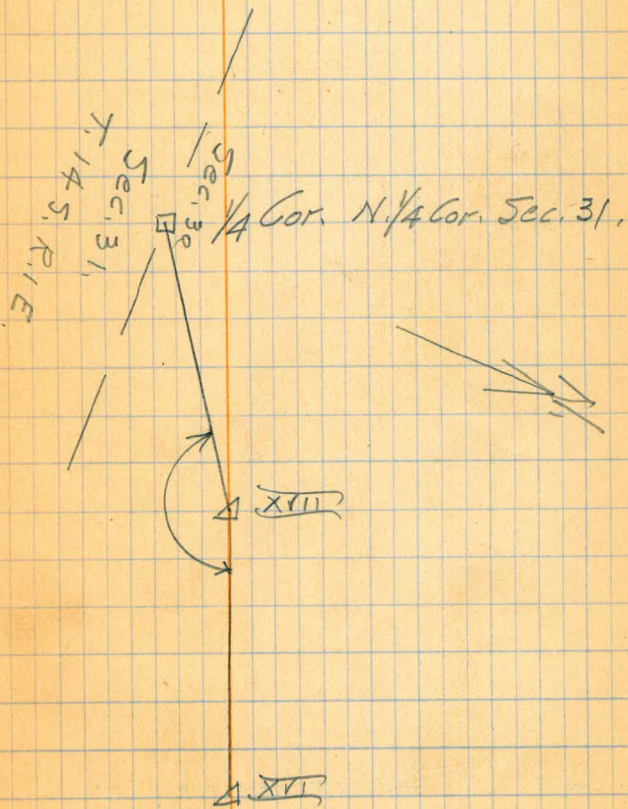
		XVII	173°01'	+5°30'	5.6
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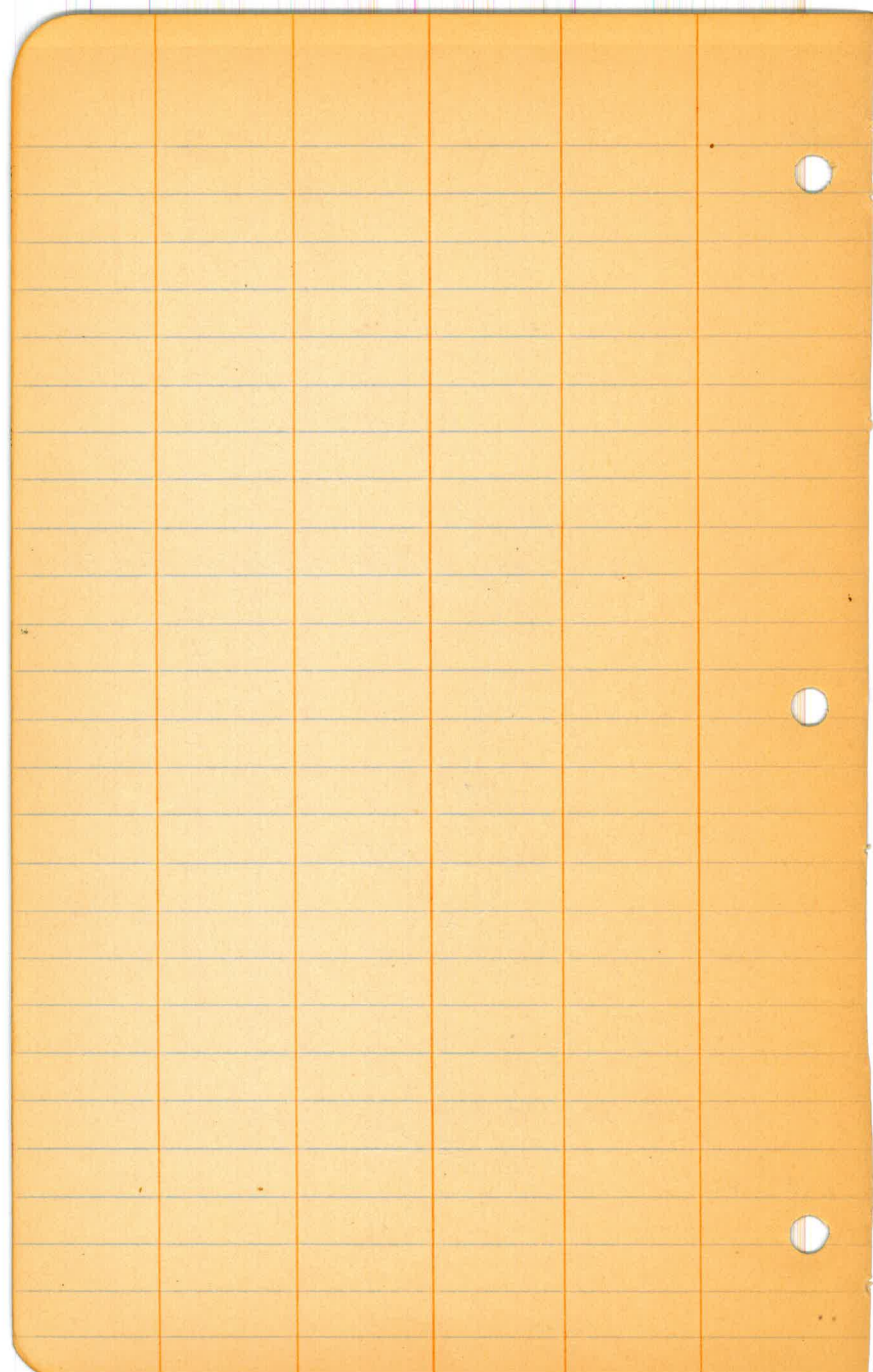
~~XVI-XVII~~

Elev.

Party  
Converse Chet  
Leach T  
Duermit Rod  
Simpson .. Aug. 20

Clear and Warm





Tie to  $\frac{1}{4}$  Cor. Sec. 29-30.  
T. 14 S. R. 1 E.



B.S.A.F.S	L.R.	Vert. L	Rod	Hor. Dist.	Diff. Elev.
-----------	------	---------	-----	------------	-------------

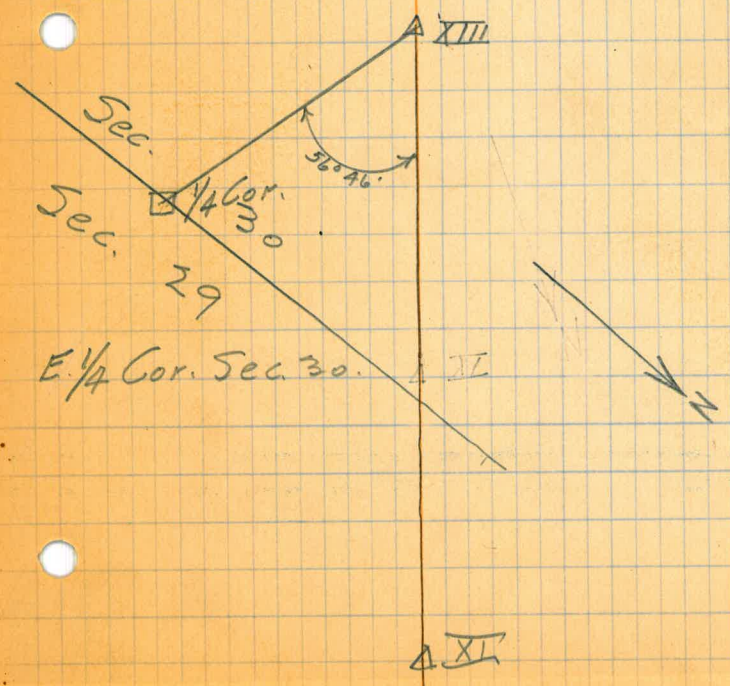
		Cor. $56^{\circ}46' + 9^{\circ}25'$	5.70		
--	--	-------------------------------------	------	--	--

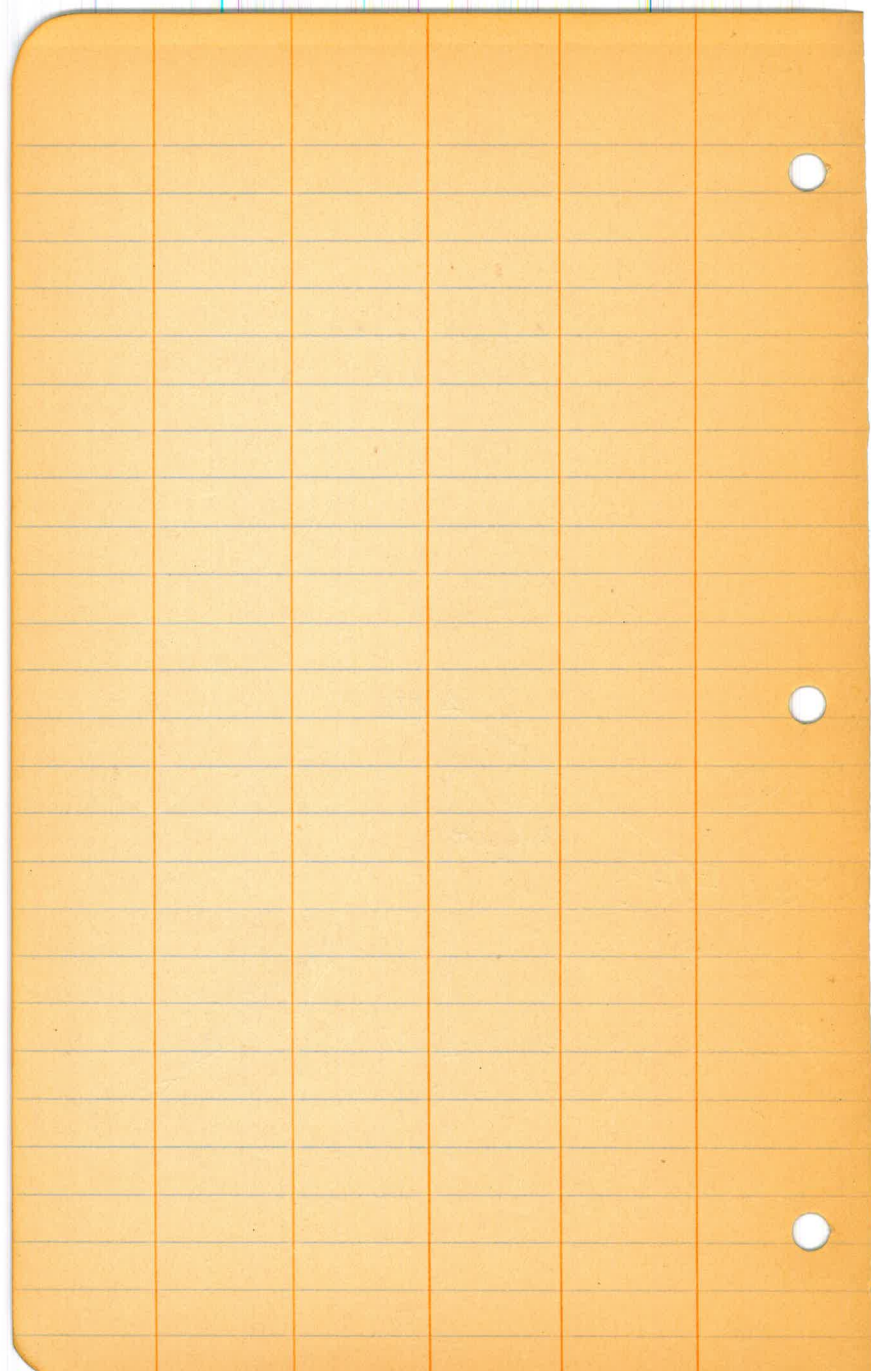
VI-XIII

Party -  
Converse - Chert  
Leach - T  
Dovermitt - Rod  
Simpson - "

540

Elev.





Tie to  $\frac{1}{4}$  Cor. Bet. Sec. 20-29.  
T. 14 S. R. 1 E.

B.S.A.F.S.	L R	Vert. L	Rod	Hor. Dist.	Diff. Elev.
------------	-----	---------	-----	------------	-------------

		Cor. $204^{\circ}22' + 15^{\circ}02'$	1.9		
--	--	---------------------------------------	-----	--	--

<del>IXA-IXB</del>					
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IXB		$174^{\circ}39' + 6^{\circ}51'$	2.66		
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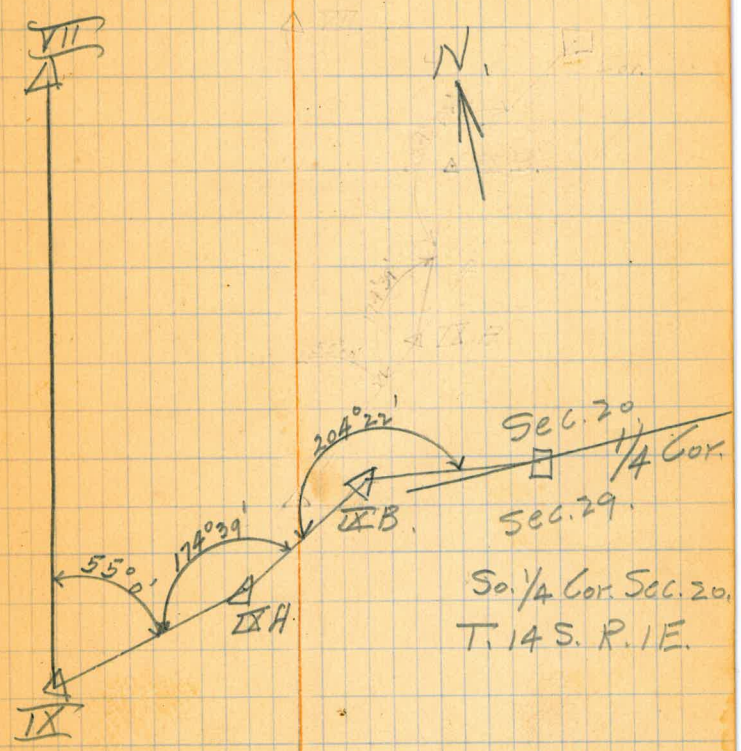
<del>IX-IXB</del>					
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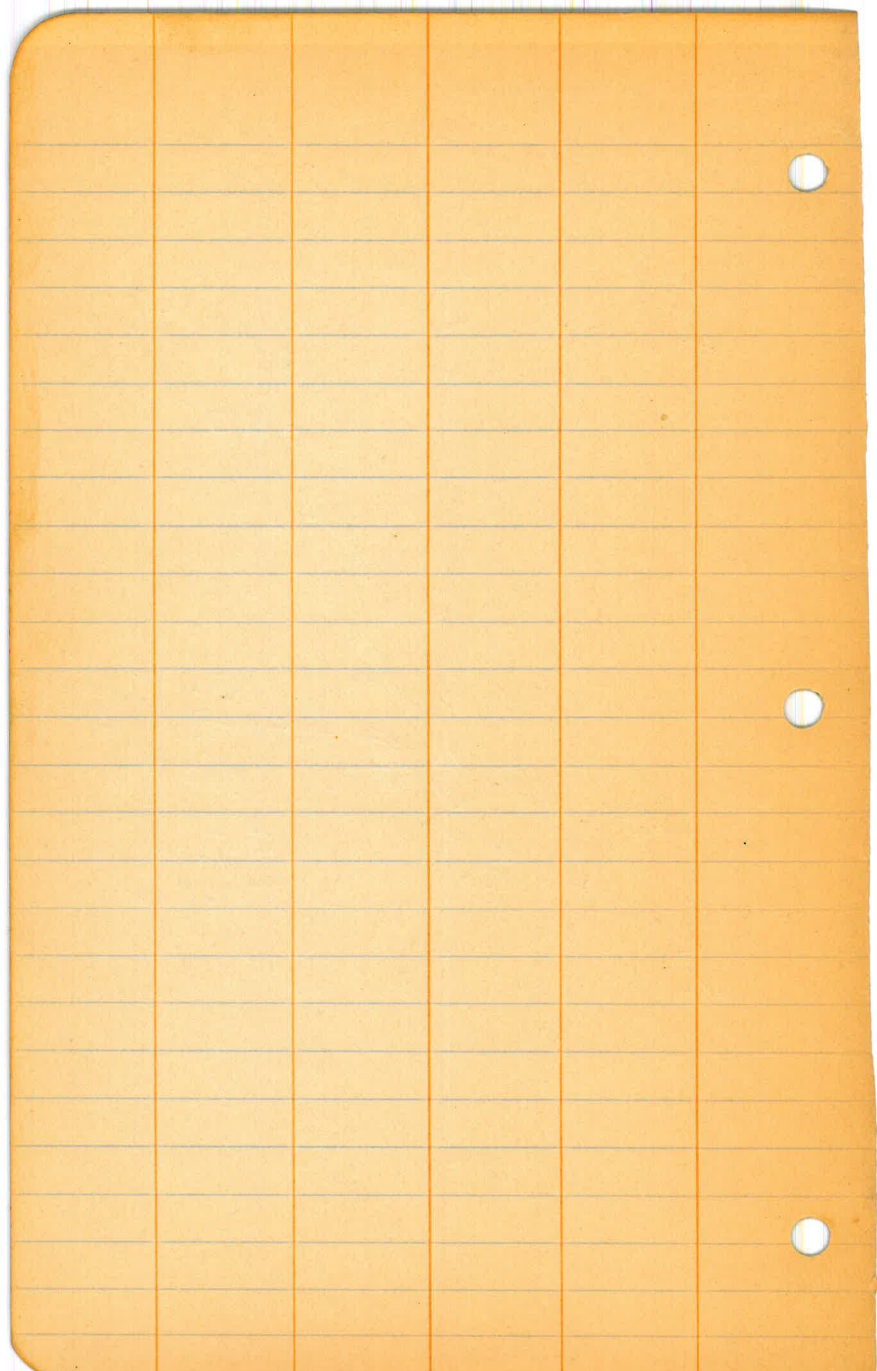
IXA.		$55^{\circ}00' + 8^{\circ}41'$	5.30		
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<del>VII-IX</del>					
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Family  
Converse Christ  
Leach  
Duermit Rod.

Elek.





1085

Elev.

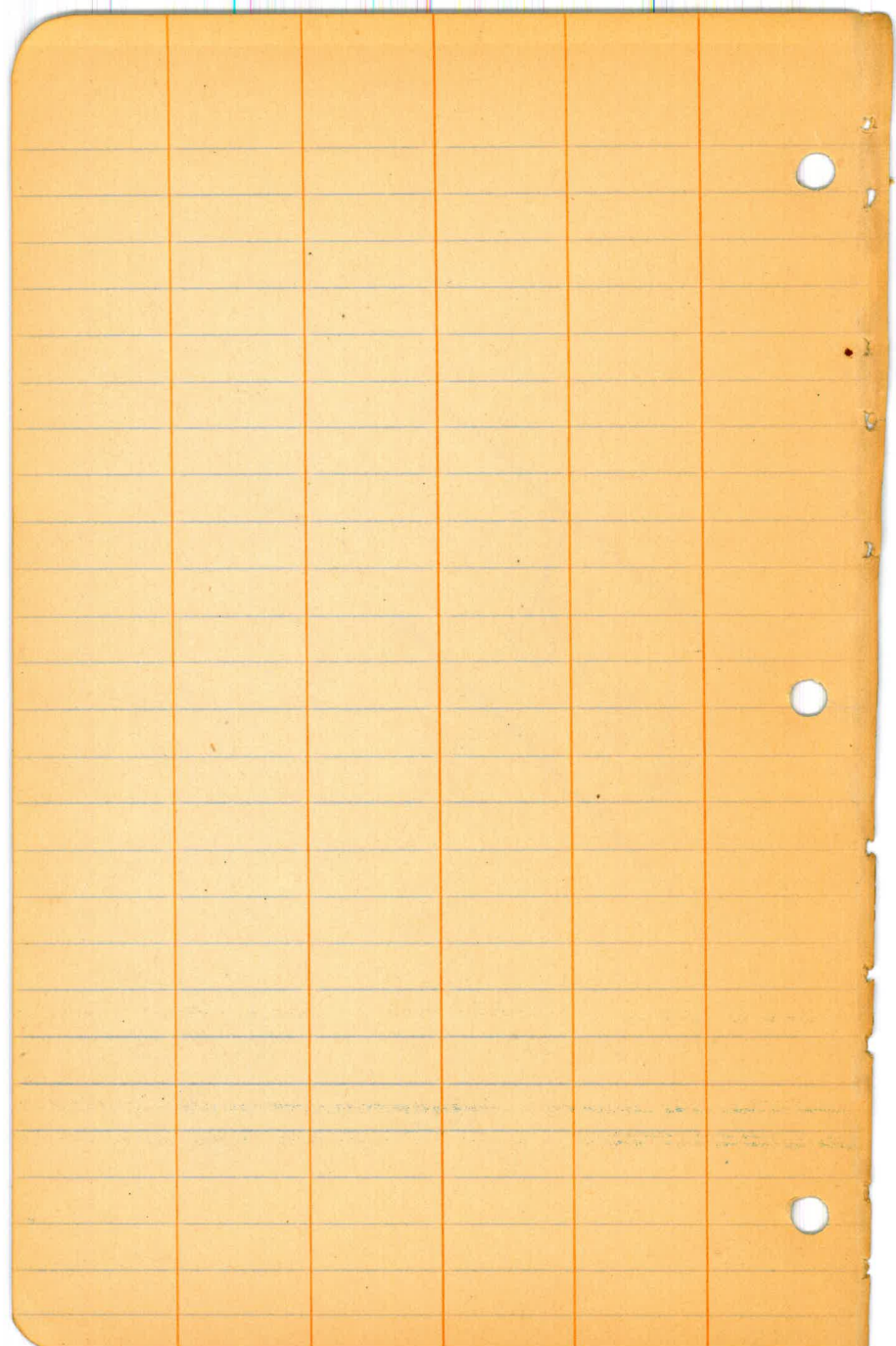
Void

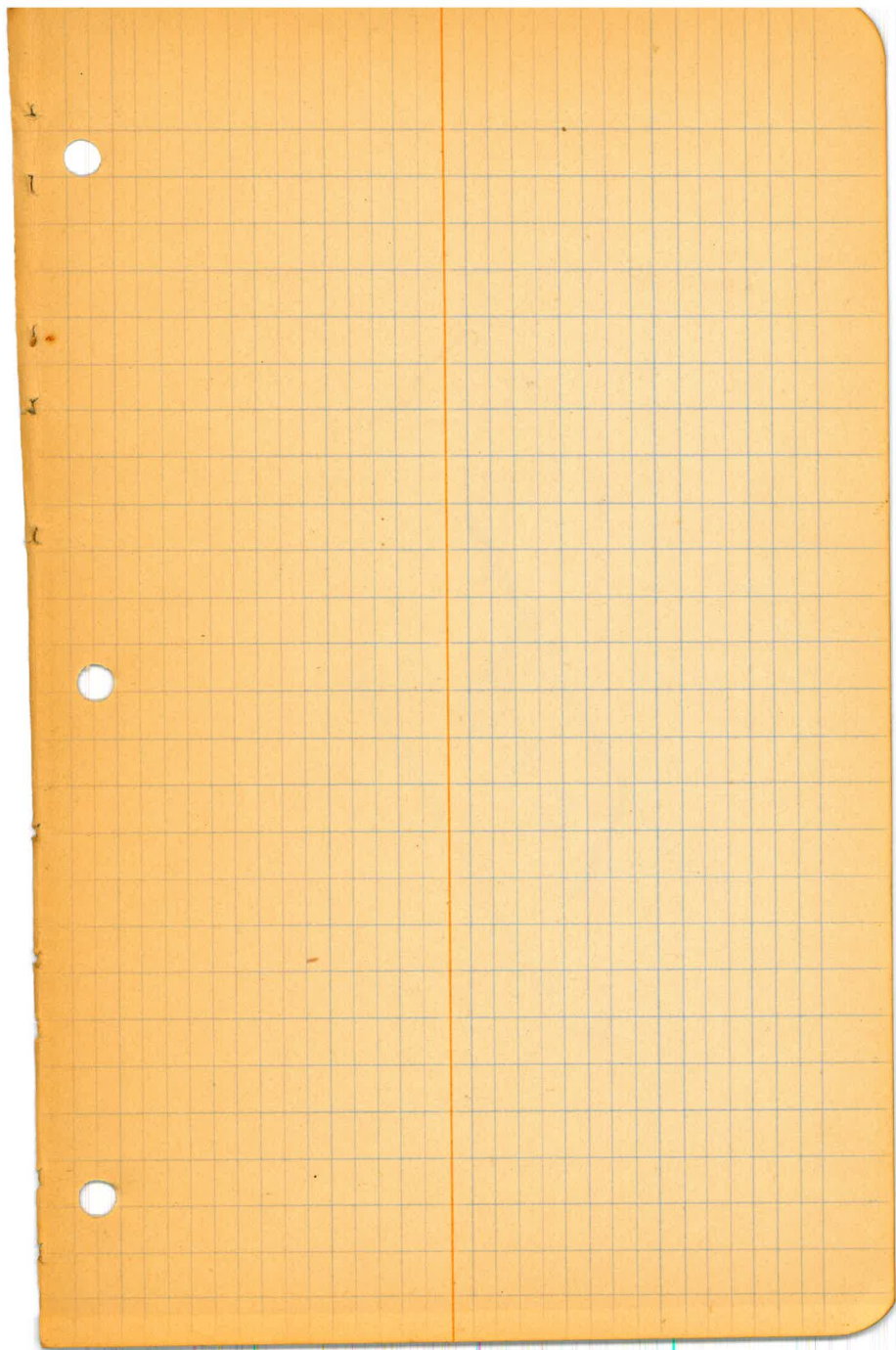
△ VII

△ VII







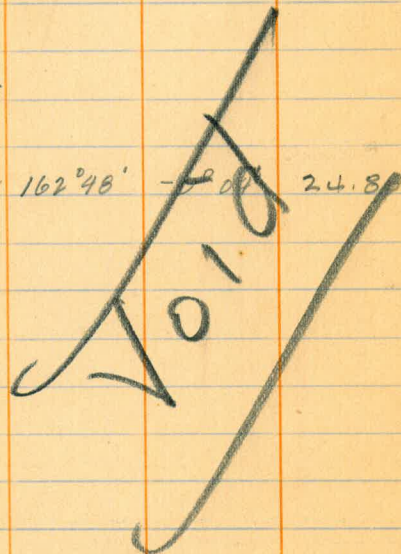


B.S. Δ F.S. L R Vert. L Rod Hor. Dist. Diff. El.

Cor.  
Y-YA

Y-A - 162°46' - 2.0' 24.8

X-Y

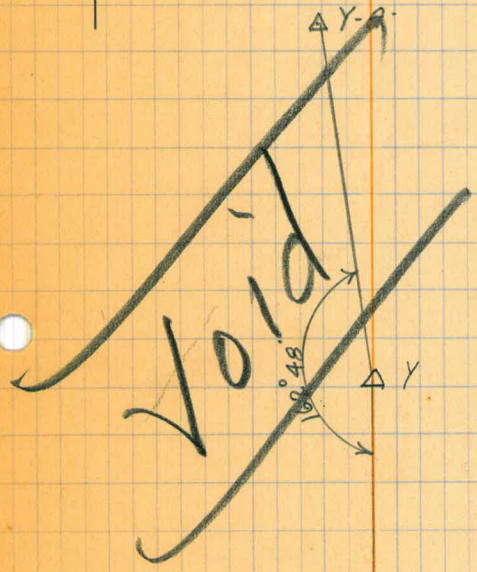


Party:  
Converse - Chief  
Leach - T  
Duermit Rod  
Simpson

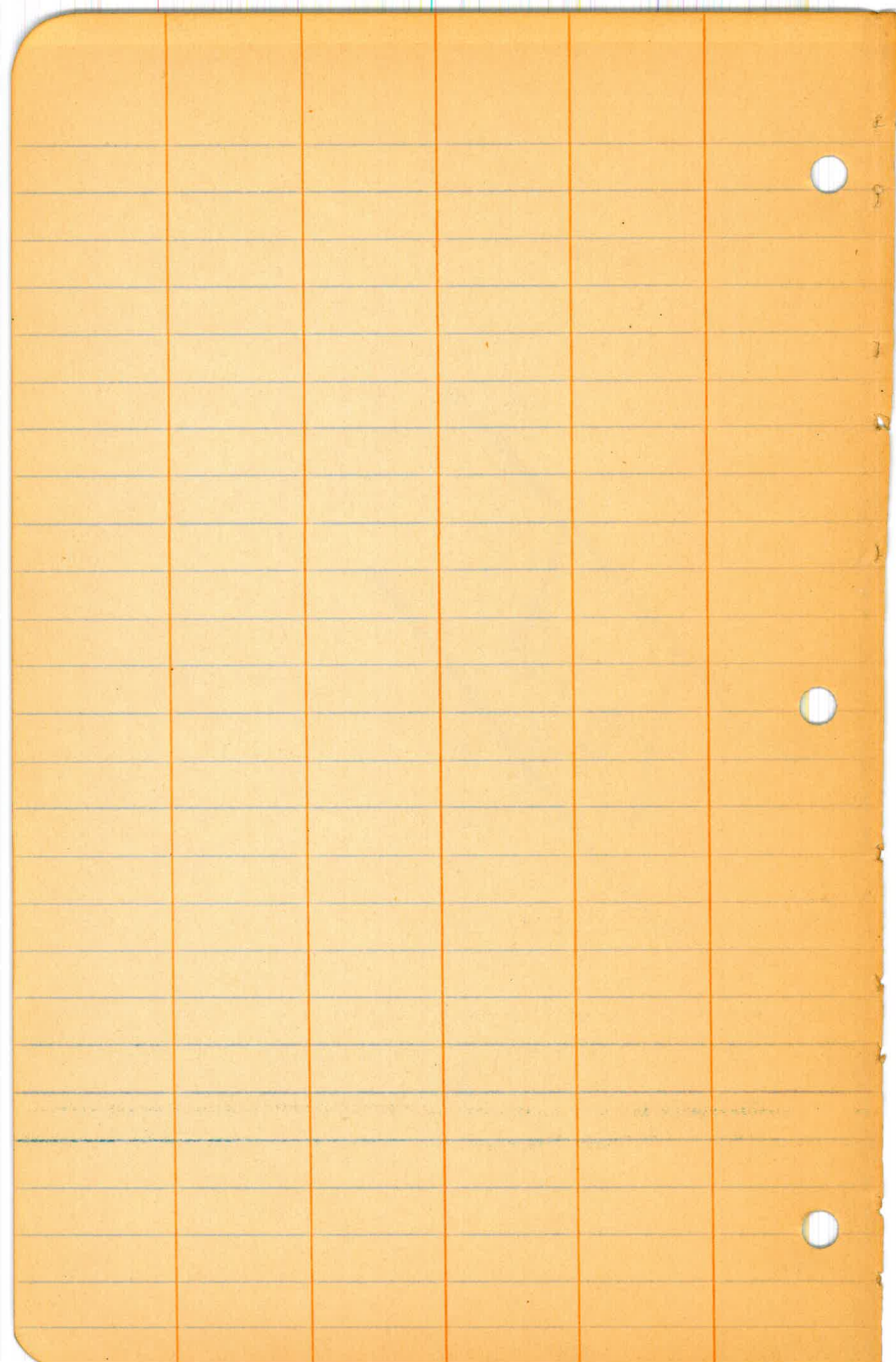
Weather  
Warm -

Elev.

Aug. 21, 1926



ΔX



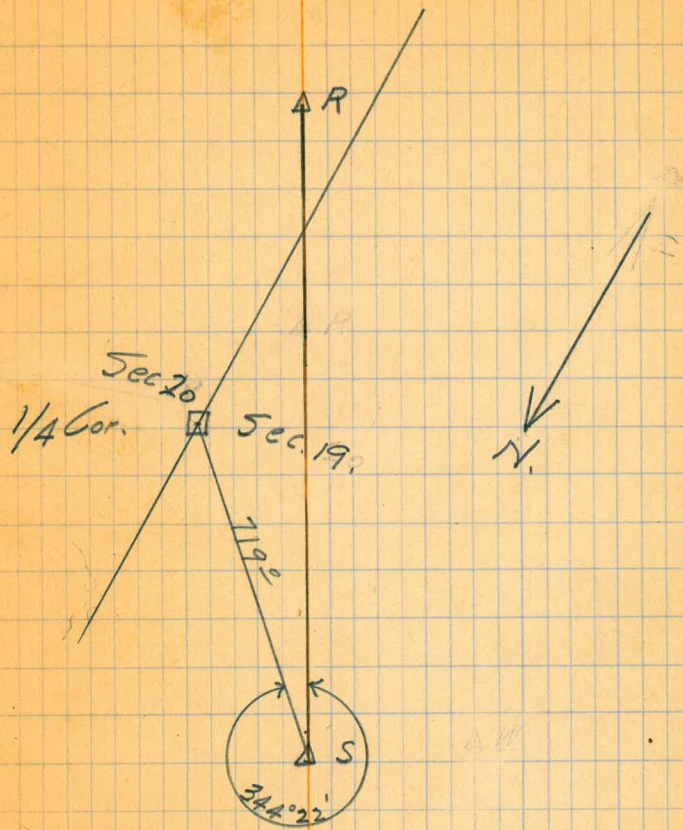
Tie to  $\frac{1}{4}$  Cor. Bot. Sec. 19-20.  
T14 S. R. 1 E.

B.S. I.F.S. L.R. Vert. L Rod Hor. Dist. Diff. Elev.

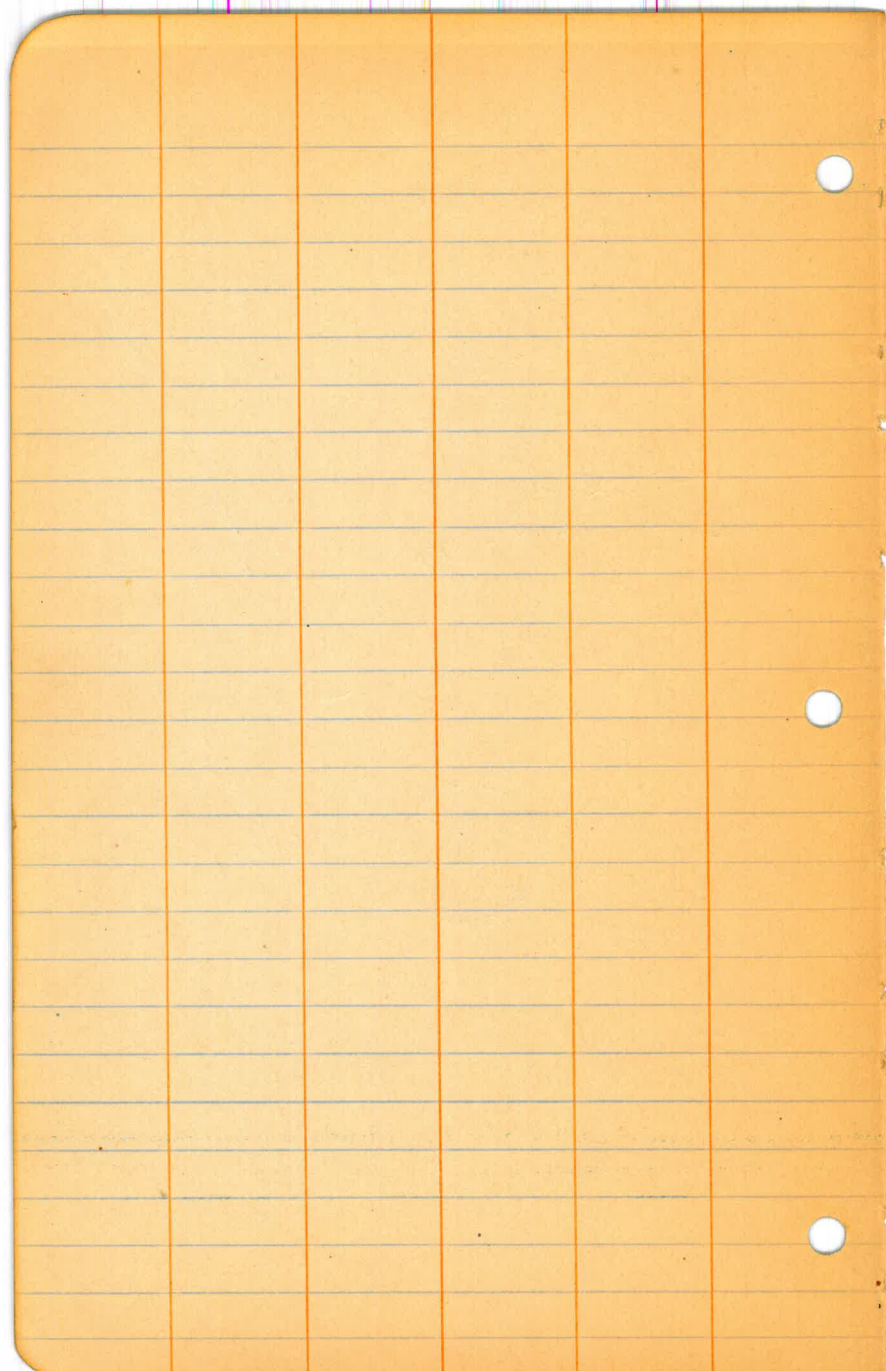
1.53	
7.3	
<u>459</u>	7.30
1071	<u>11</u>
11169	7.19

Cor. 349°22' 7°06' 2X 3.65  
A.S. 7.3

Elev.







Tie to  $\frac{1}{4}$  Cor. Bet. Sec. 25. T. 14 S. R. 1 W.  
and Sec. 30. T. 14 S. R. 1 E.

82°50'

1710

2.82  
1760  

---

16920  
1974  
282  

---

19.6320

+9°40' 2x880

1760  
49.6  

---

1710.4

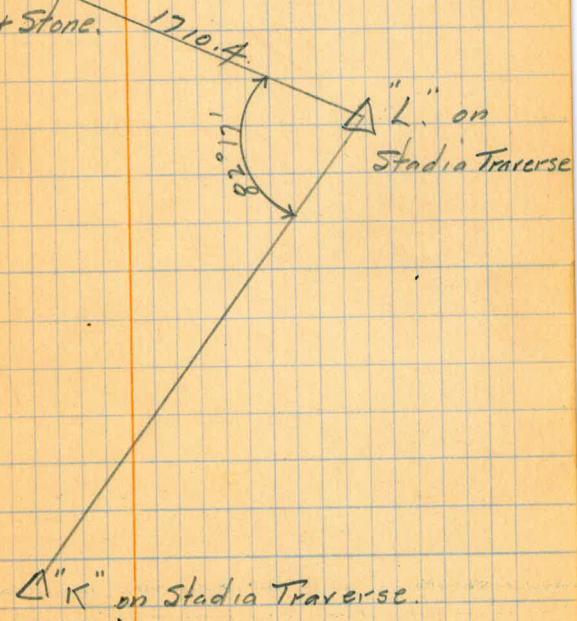
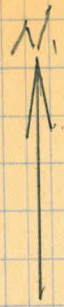
T. 14 S. R. 1 W. | T. 14 S. R. 1 E.

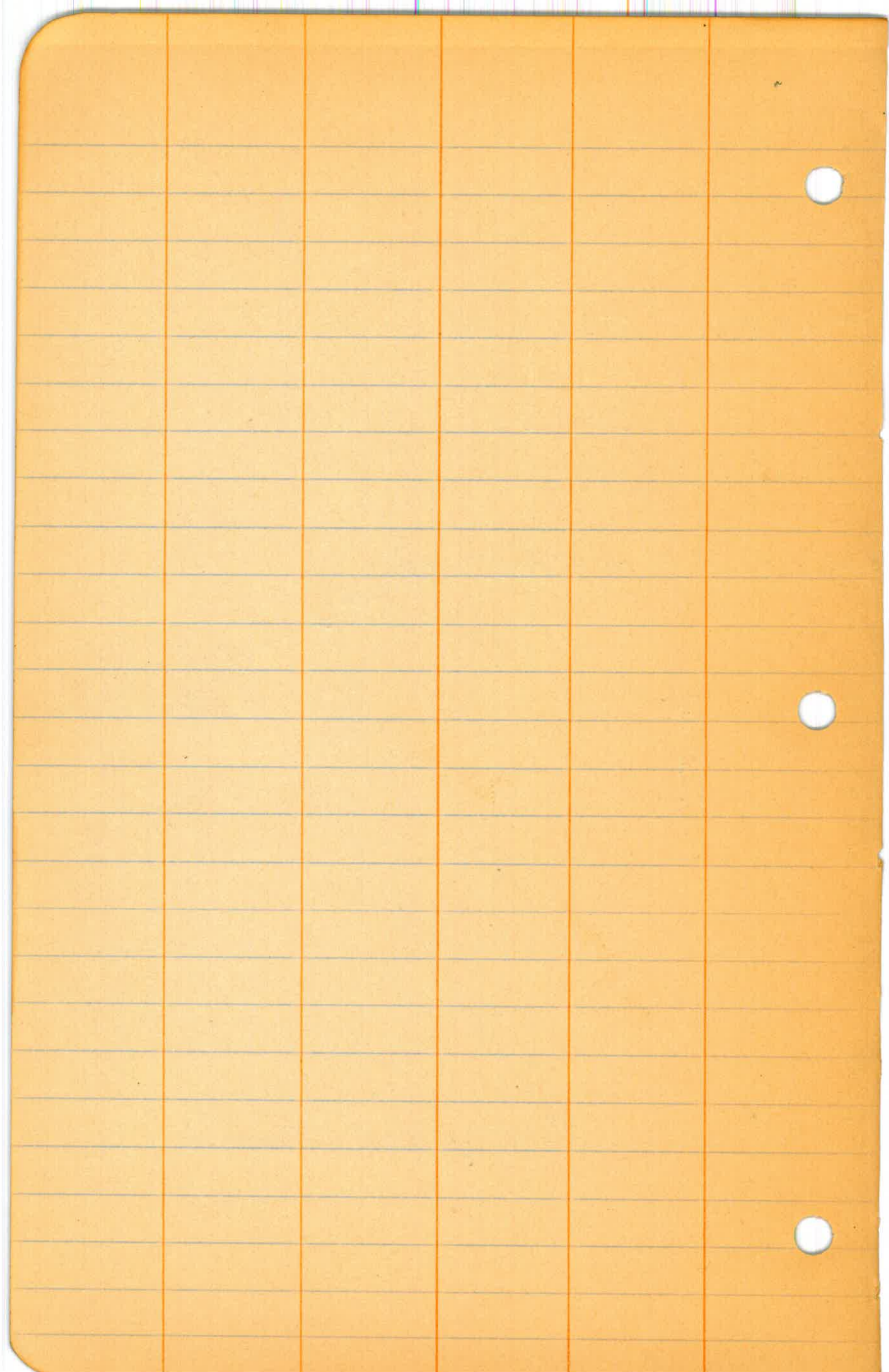
Sec. 30

Sec. 25  $\square$  460r.

Mound of Earth + Stone.

S.B.M.





Tie to Sec. Cor. on S. B. M.  
Sec. 24-25, T. 14 S. R. 1 W.  
Sec. 19-30 T. 14 S. R. 1 E.

132°50' 2450

+13°1'	2x	1280	5.06
			<u>25.60</u>
			3036
			<u>2530</u>
			1012
			<u>129536</u>
1280			
<u>2560</u>			
129.5			
<u>2430.5</u>			

Sec. 24      Sec. 19.  
T. 145. R. 1W      T. 145. R. 1. E.  
Sec. Cor.

Sec. 25      Sec. 30

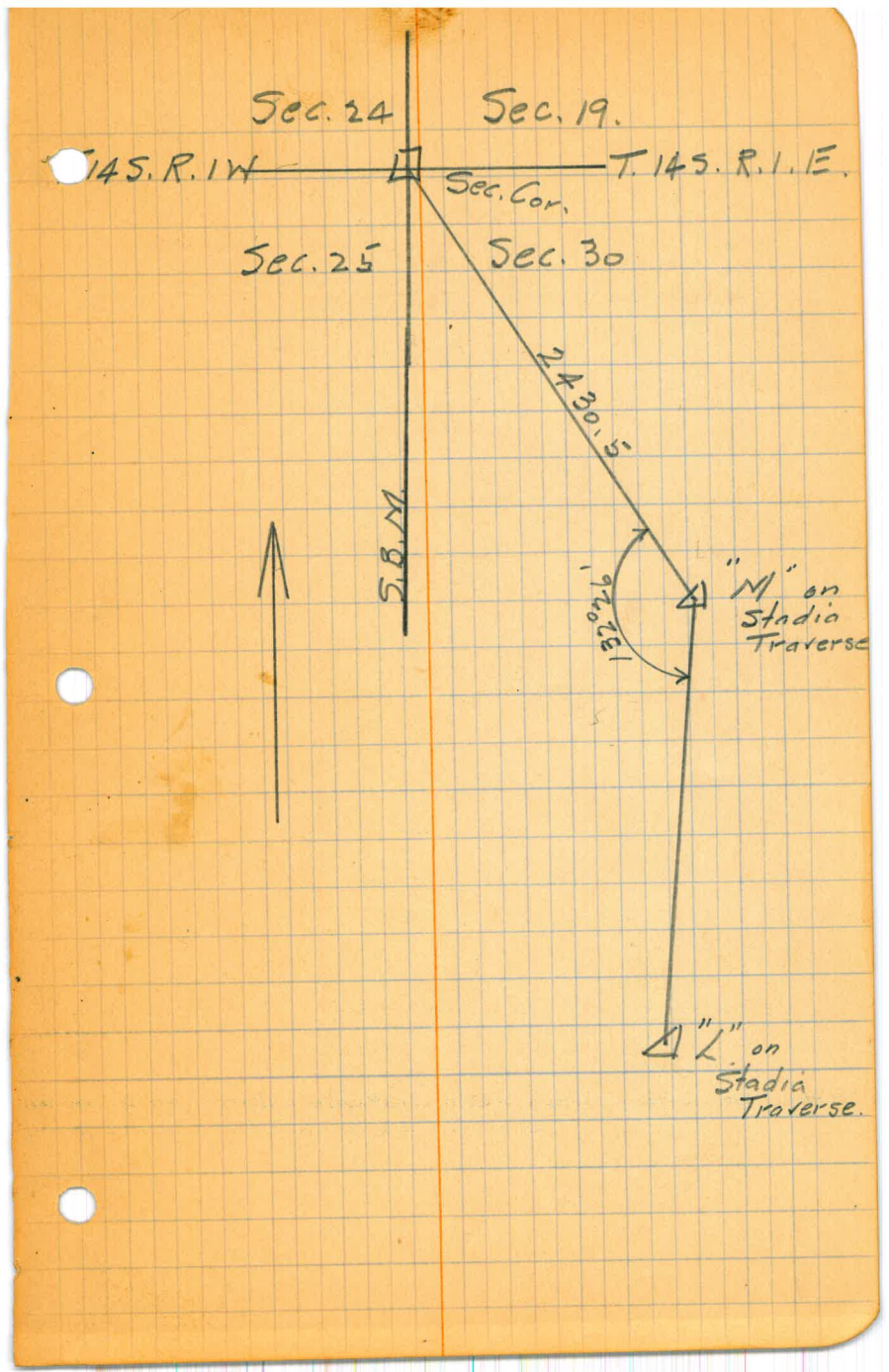
S.B.M.

N. 43° 0' E

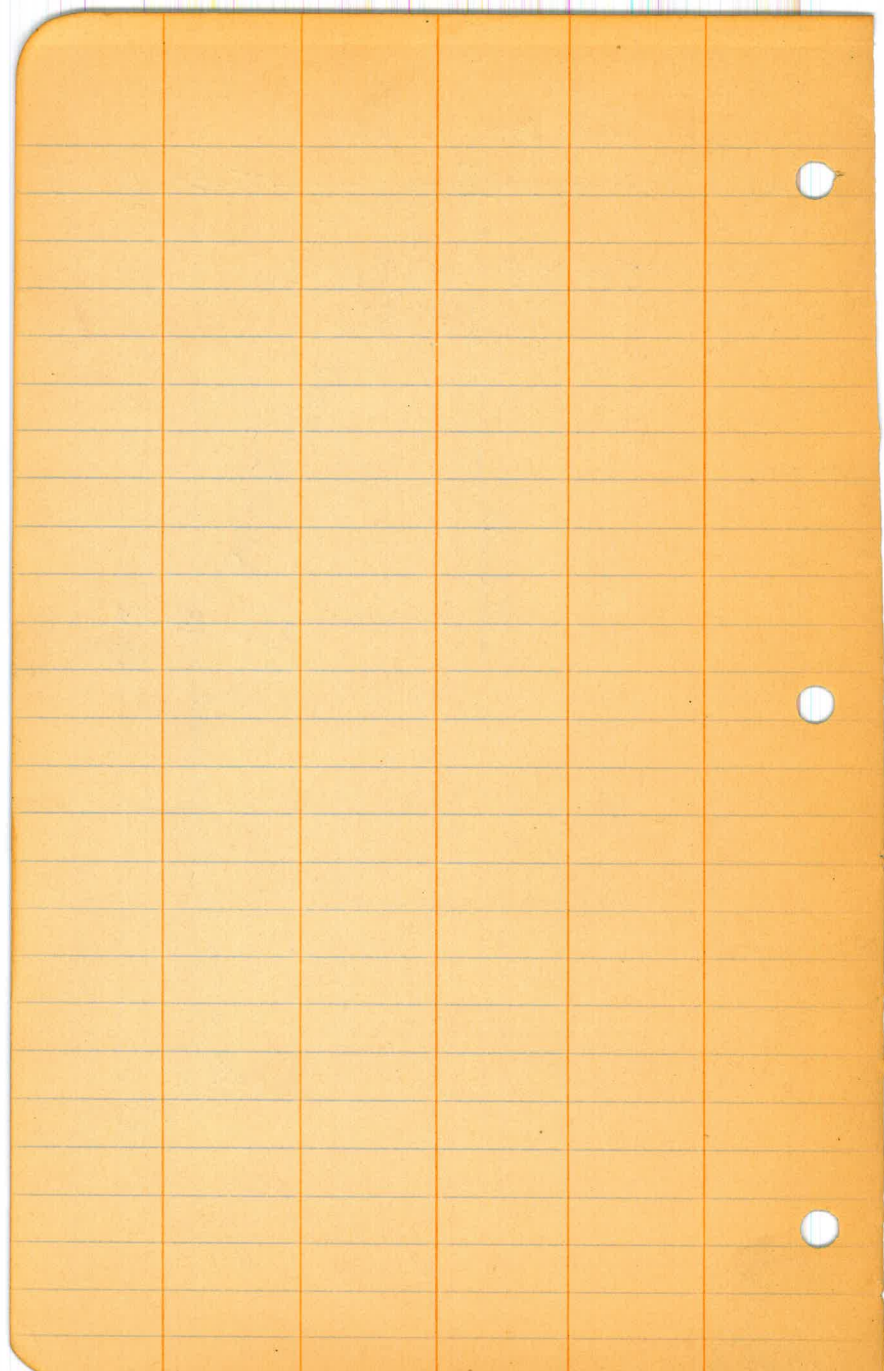
97° 0' E

"M" on  
Stadia  
Traverse

"L" on  
Stadia  
Traverse.







Tie to  $\frac{1}{4}$  Cor. Bet. Sec. 24-25.  
T. 14 S. R. 1 W.  
(Note - Not sure of this corner)  
(Do not use)

B.S.A.F.S. L.R. Vert. Rod. Hor. Dist

~~292-15 600.0~~

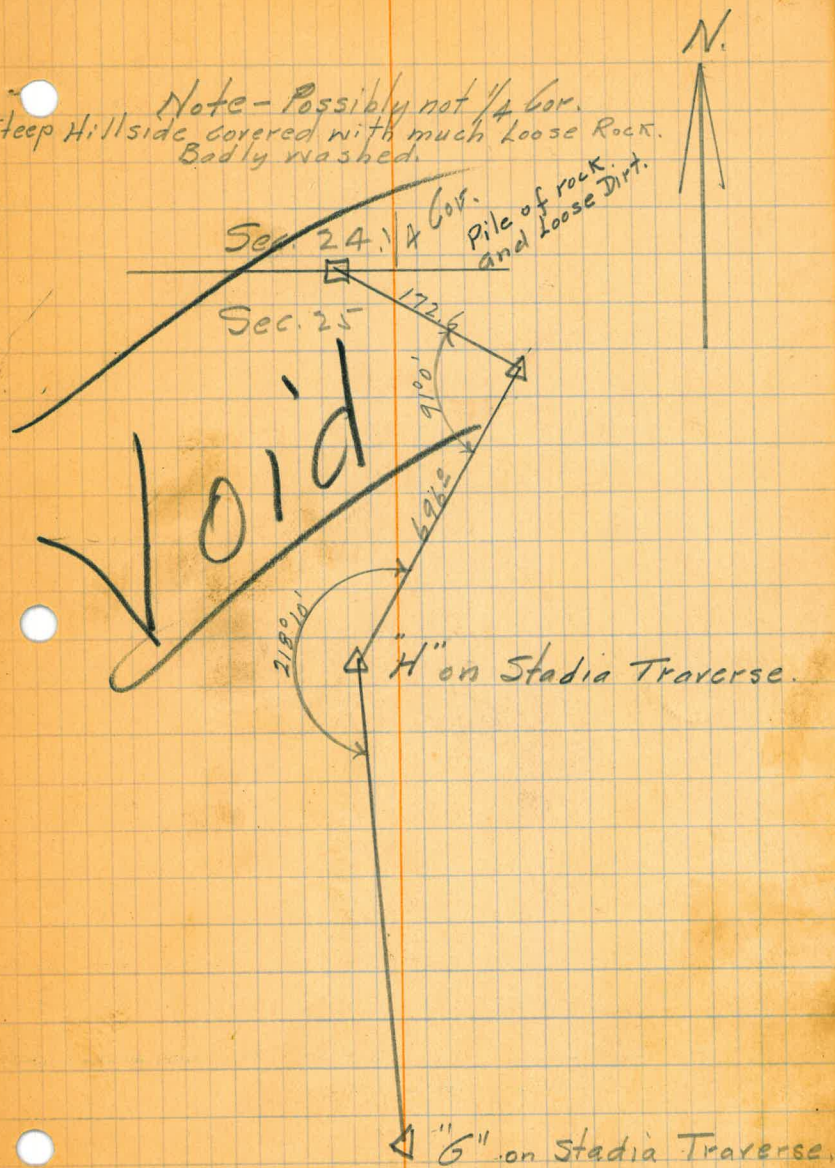
~~197-15 720~~

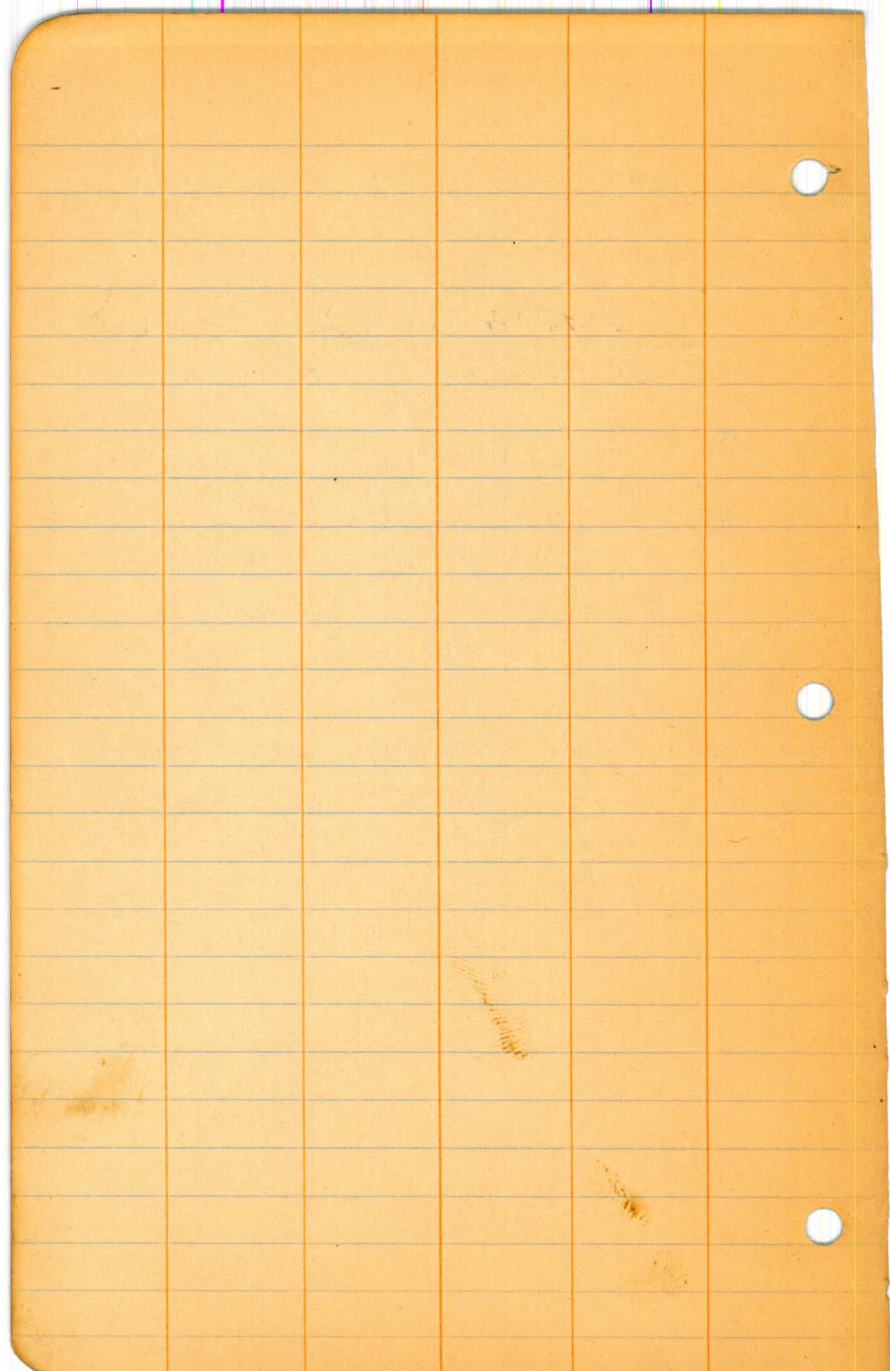
Cor 91°00' -14°56' 185 172.6

218°10' +14°05' 7.40 676

~~Void~~

Note - Possibly not 1/4 Cor.  
Steep Hillside covered with much loose rock.  
Badly washed.





Tie to Sec. Cor. Bet. Sec. 25-26 -  
35-36. T. 14 S. R. 1 W.

B.S. & F.S.	L.R.	Vert. L	Rod	Hor. Dist.
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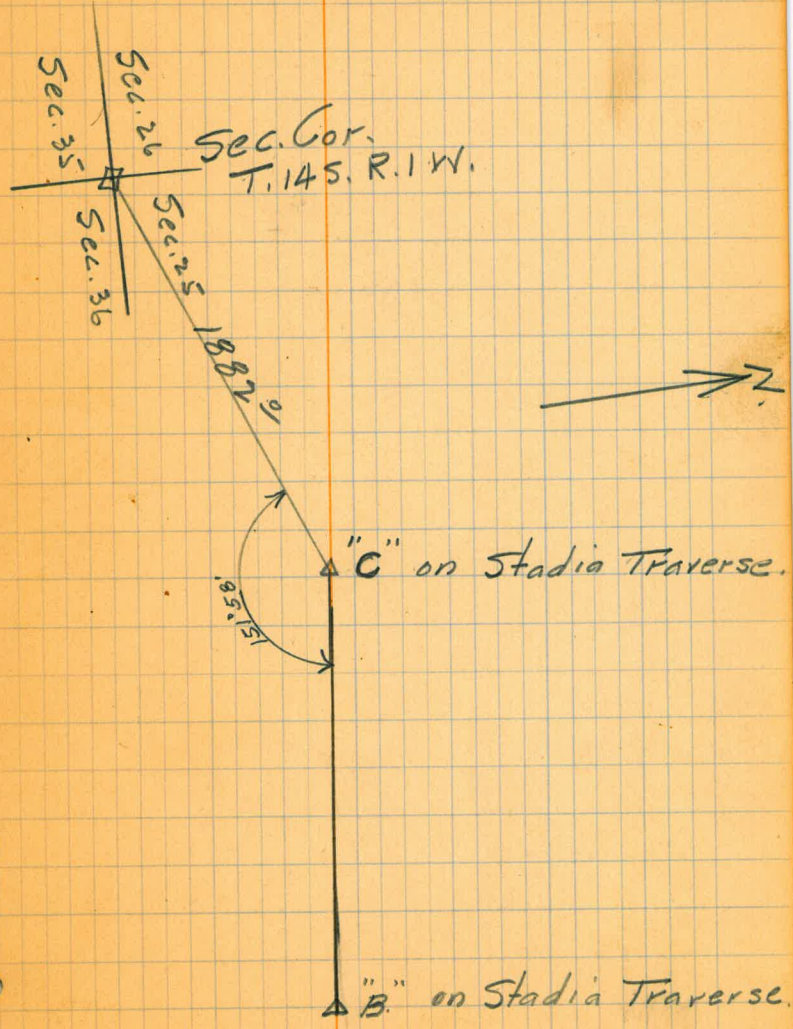
- C-A	151° 58'	13° 26'	19°	+85° on Hor.
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B.C

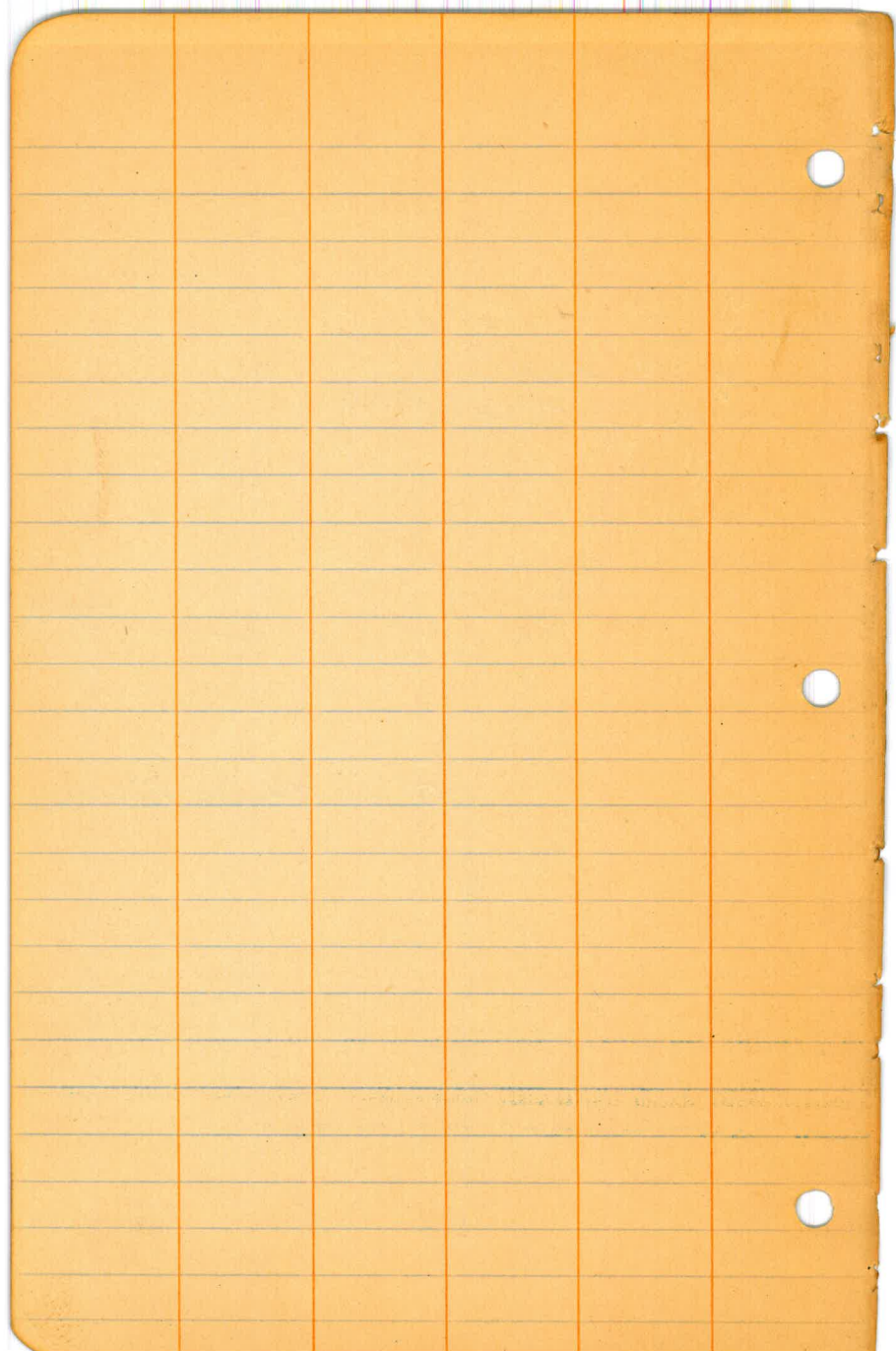
Party -  
Converse - Chief  
Leach - T  
Duermitt - Rod  
Simpson

Aug. 24, 1926

Clear & Hot.







Tie to  $\frac{1}{4}$  Cor. Bet. Sec. 25-26.  
T14 S. R. 1 W.

B.S. I.F.S	L.R.	Vert. L	Rod	Hor. Dist
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Sta. 13932.2  
S.P. 111.5  
13932.2

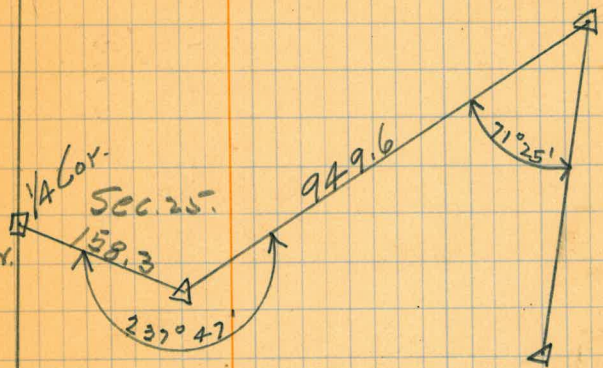
Cor.	237°47'	-6°00'	1.6	
------	---------	--------	-----	--

	71°25'	11°39'	9.9	
--	--------	--------	-----	--

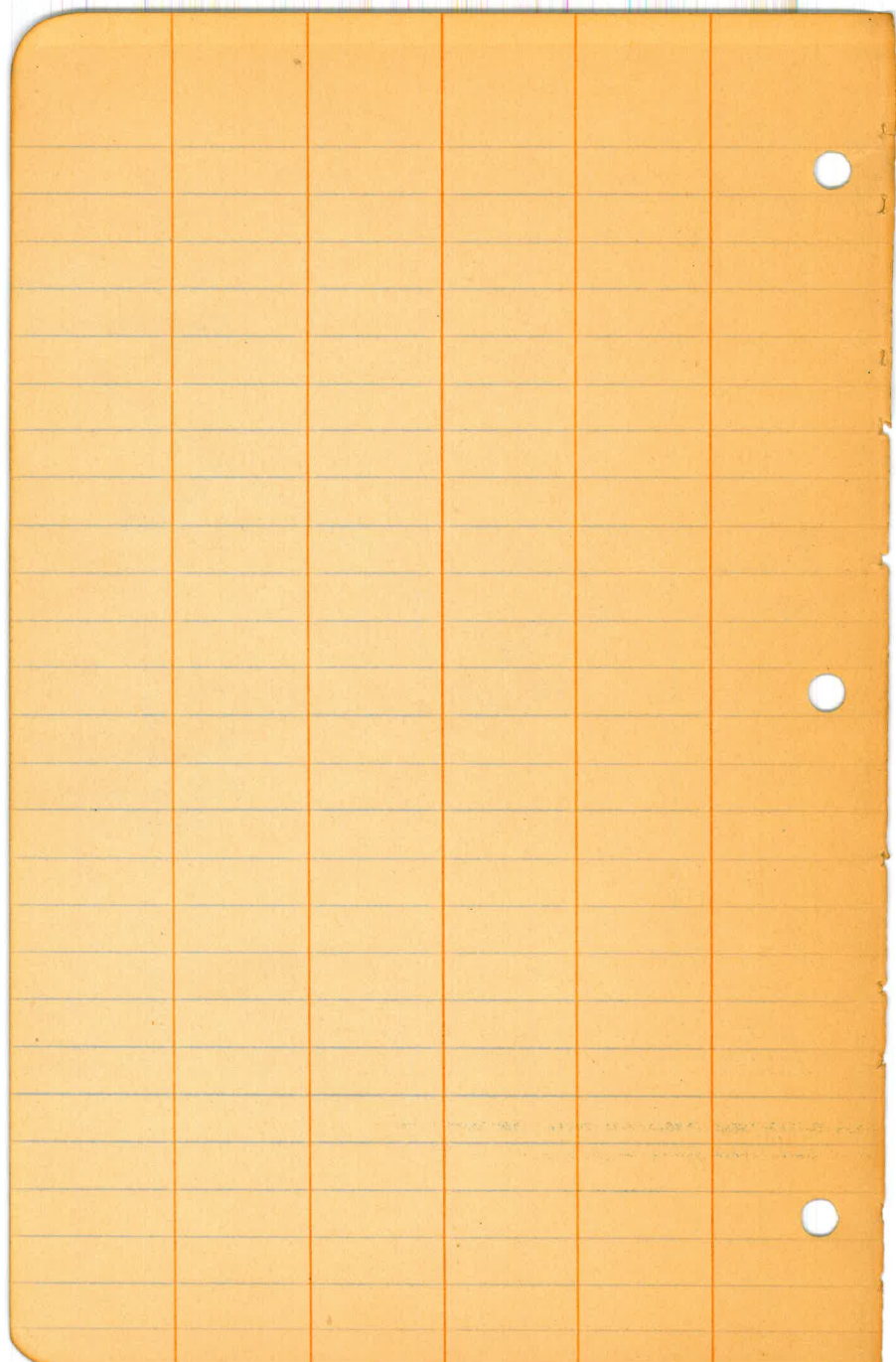


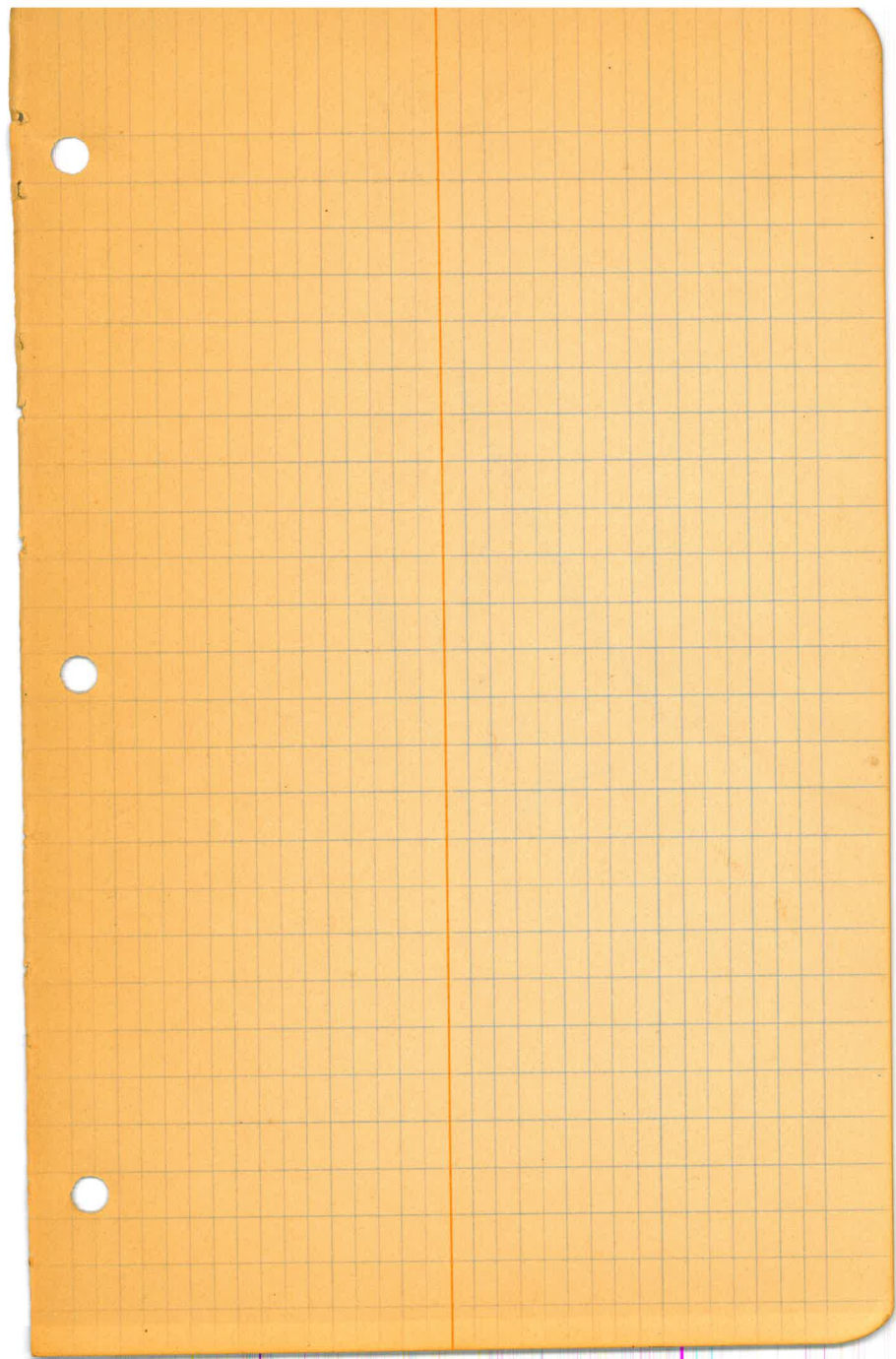
750 Contour Survey  
Sta. 142+32.3

Sec. 26  
T. 14 S. R. 1 W.  
1/4 Cor.  
Sec. 25



Sta. 140+37.8  
750 Contour  
Survey.





~~Void~~

1.5  
7.2  
30  
105  
1080

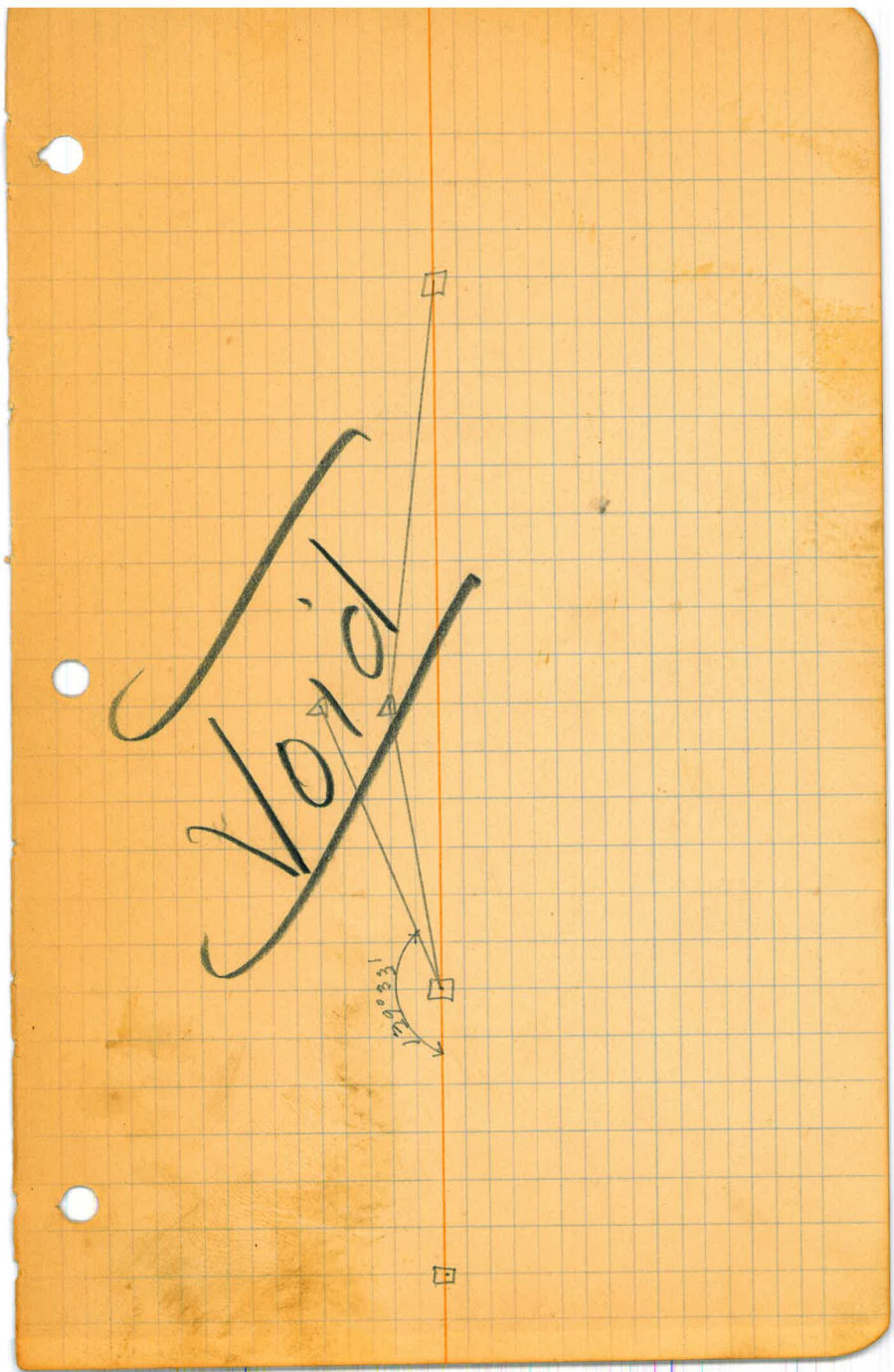
6.36  
.87  
4052  
4088  
5332

6.36  
5.  
630.5

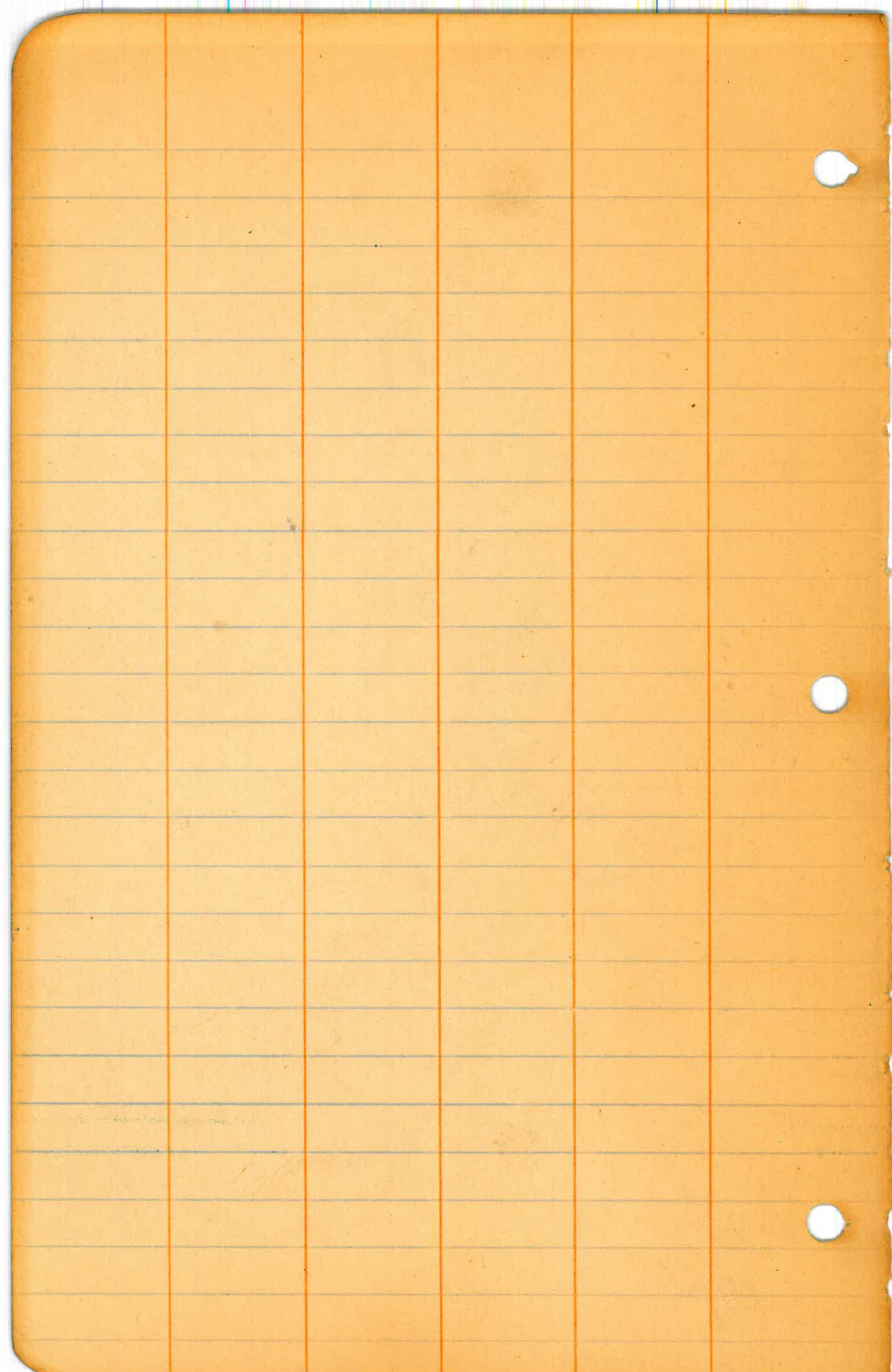
169-14 + 5'22" 6.36 630.5  
139°33' 7'02" 7.20 709.7

~~10101~~

120°









$$\begin{array}{r} 179.60 \\ 169.14 \\ \hline 10.46 \end{array}$$
$$\begin{array}{r} 2640 \\ 2640 \\ \hline 105600 \\ 15840 \\ 5280 \\ \hline 6969600 \\ 397530.25 \\ \hline \end{array}$$
$$\begin{array}{r} 630.5 \\ 630.5 \\ \hline 31525 \\ 189150 \\ 37830 \\ \hline 397530.25 \end{array}$$
$$\begin{array}{r} 630.5 \\ 2640 \\ \hline 252200 \\ 37830 \\ 17610 \\ \hline 1664520.0 \\ 2 \end{array}$$

7367130.25

$$\begin{array}{r} 3329040. \\ .9824 \end{array}$$
$$\begin{array}{r} 13316160 \\ 6658080 \\ 26632320 \\ 29961360 \end{array}$$
$$\begin{array}{r} 3270448.89.60 \\ 7367130.25 \end{array}$$

10637579.15

$$\begin{array}{r} 7367130.25 \\ 3270448.90 \end{array}$$

2024.

$$\begin{array}{r} 40966.81.35 \\ 4 \end{array}$$
$$\begin{array}{r} 0968 \\ 804 \\ 16781 \\ 16786 \\ \hline 10535 \end{array}$$
$$\begin{array}{r} 2 \\ 400 \\ \hline 402 \\ 2 \\ \hline 4040 \\ 4 \\ \hline 40440 \\ 4 \\ \hline 40480 \end{array}$$

2026  

$$\begin{array}{r} 179.60 \\ 16.06 \\ \hline 165.54 \end{array}$$

2026) 18681

24366

2026) 
$$\begin{array}{r} 493.1784 \\ 4048 \\ \hline 8837 \\ 8096 \\ \hline 7418 \\ 6072 \\ \hline 13466 \\ 12144 \\ \hline 13200 \end{array}$$

2024.  
a

8.50      989  
 1960

14°06'  
 2640  
b

$$\begin{array}{r} 2.36 \\ 19.6 \\ \hline 1416 \\ 2124 \\ 206 \\ \hline 46.256 \end{array}$$

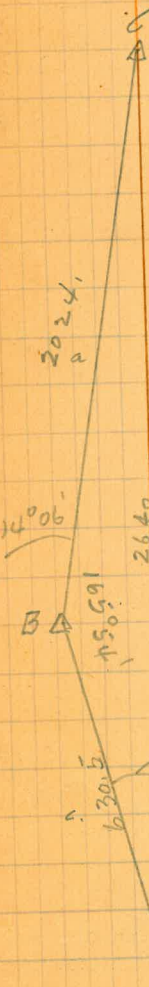
B  
 15.91  
 150.

10°46'

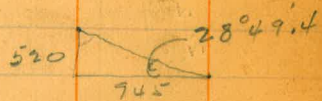
$$\begin{array}{r} 1960 \\ 46 \\ \hline 1914 \end{array}$$

620.5  
b

A



<u>VIII</u>	N. 7160	E. 9620	1174
			.0253
			<u>3522</u>
	N. 6640	E. 10565	5870
	<u>520</u>	9620	<u>2348</u>
		945	2970.22

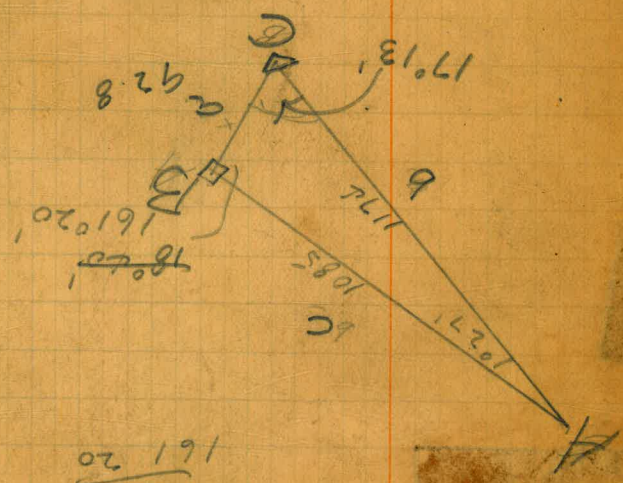


	<u>.55036</u>	161 20
945 )	520.0	179 60
	<u>4725</u>	<u>162 67</u>
	4750	17 13
	<u>4725</u>	
	2500	
	<u>1890</u>	
	6100	

	<u>.32006</u>	18°40'
92.8 )	29.7022	
	<u>2784</u>	
	1862	
	<u>1856</u>	
	6200	

18681  
 2640  
747240  
 112086  
 37862  
 47317840

$a^2 + b^2 + c^2 = 2bc \cos A$



180  
 1840  
16120

178.27  
 177  
10271

10000  
 300  
 9620