

C. S. 5-14

①

Sept 11 1922

Computation Solar Observation

# Cos Q = Tan L x Tan A - (sin D Sec L Sec A)

\*1 Tan 43°08' - 9369  
 Tan 42°44' - 9238  
 74952  
 28107  
 18738  
 84321  
 ✓ 86550822  
 1517

Sec 43°08' - 1.370  
 Sec 42°44' - 1.361  
 9527  
 4083  
 1361  
 7.86457 ✓  
 sin D - .08136

✓ 7138 =  
 44°59'  
 Cos = S 44°27' E  
 S 0°32' W

1118742  
 559371  
 186457  
 1491856  
 1517014152 ✓

Tan 43°08' 9369  
 Tan 43°45' 9407  
 65583  
 374760  
 84321 ✓  
 88134183 ✓  
 153038.97 sin D -  
 72830286

Sec 43°08' - 1.370  
 Sec 43°45' - 1.383  
 9615  
 4159  
 1373  
 1.881015 ✓  
 .08136

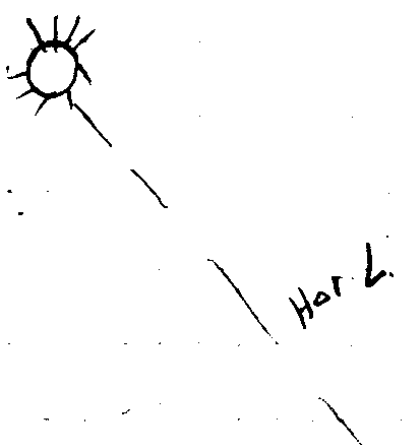
41347  
 Cos. S 48°15' E  
 S 0°32' W

1128606  
 564303  
 188104  
 1504808  
 1530389736 ✓

# Solar Observation

	# 1	# 2
Alt.	42°45'	43°16'
Hor. L.	44°59'	43°47'
Time	10:07 AM.	10:11 AM.
Latitude	43°08' N	
Decl.	4°45' 54.1"	Diff 1 br. 56.96'
-	5 53.15	Diff 6 1/2 hr. 6 1/5
	<u>4° 40' 01"</u>	<u>1139</u>
		34176
		60 ) 353.15
		Correct. 5° 53.15'

Alt correction for refraction = 0.01'



1/4 Cor. Sec. 17-18

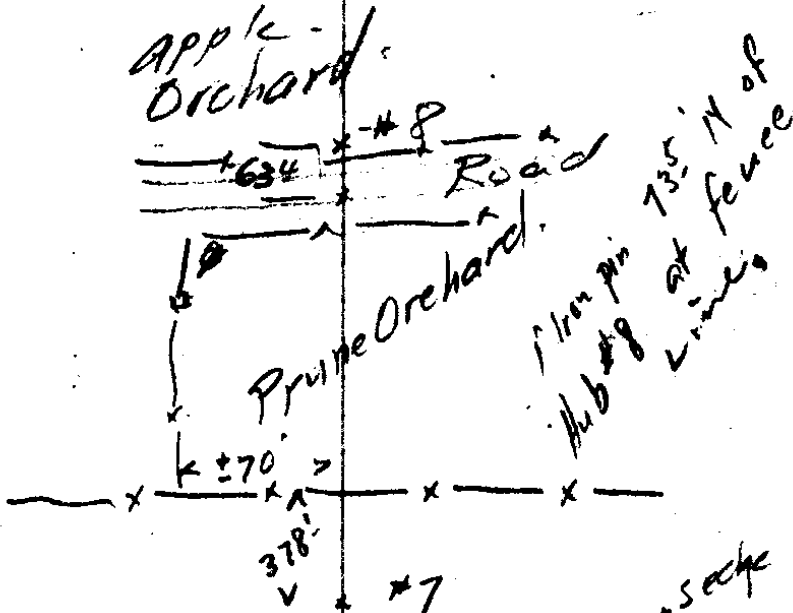
CS. 5/14

Section Line Between ~~Wm Buxton~~ Wm Buxton 17-18-19-20 T 28 S R 6 N.

Sta	Dist	L	CC	M.C.	Vert L Slope Dist
	<del>4605<sup>8</sup></del>				
#10	<u>3400<sup>7</sup></u>				
	106 <sup>6</sup>				
#9					
	381 <sup>5</sup>				
#8					
	1563 <sup>4</sup>				
#7					
	<u>1060<sup>6</sup></u>				
#6	<del>493<sup>3</sup></del>				
	288 <sup>8</sup>		South	S 1° W	-7° 03' 300 + 1065
#5		3° 55' L			
	85 <sup>5</sup>		S 3° 55' W	S 4° 30' W	-11° 51' 87 <sup>5</sup>
#4		4° 49' R			
	220 <sup>6</sup>		S° 54' E	South	
#3		0° 54' L			
	<u>408<sup>2</sup></u>				
#2					
	114				
#1					
	377		South.	S 1° W	-9° 38' 200 295 310
1/4 Sec. Cor.		0' 32" L			+8° 48' 300 + 805

10606  
 14933  
 25545  
 2640  
 274

5-12  
 2640  
 25545  
 83.5

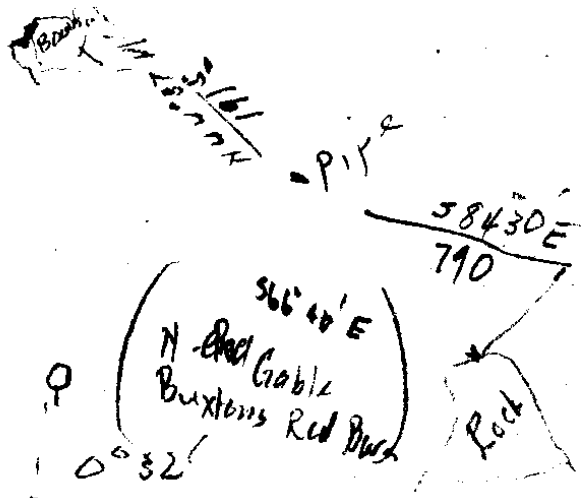


2946  
 1043  
 1360

5.84W 85°S

~~3.46E~~  
 3.46E (220°S)

\* Large Rock Pt on Sec 4  
 Oct Crop



Irving T  
 Buxton EC.  
 AC.

1/4 Cor

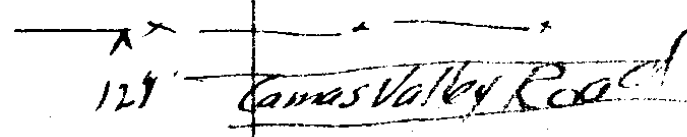
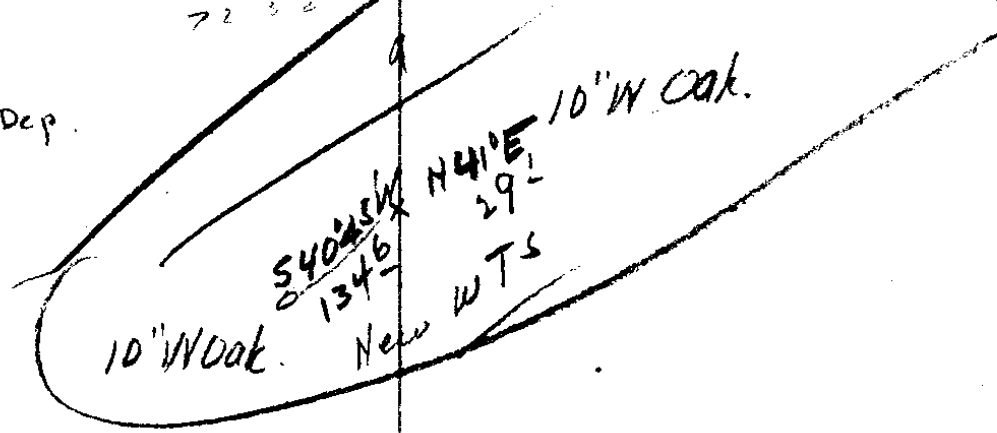
0.55/14

③

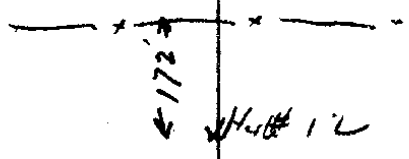
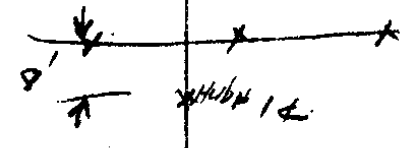
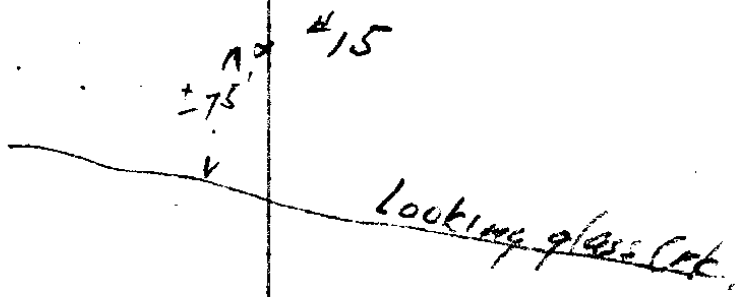
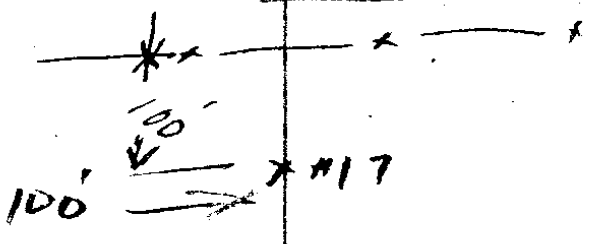
Sta	Dist	Angle	CC	MC	Vert L Slope Dist
Sec Cor.					
	399'		S 51° 09' E	S 51° 30' E	
#19		49° 06' L			
	582'		S 2° 03' E	S 1° 30' E	+ 1126' 207' = + 300 + 79
#18		9° 19' L			
	899'		S 7° 16' W	S 7½° W	
#17		22° 01' R			
	3016'		S 14° 45' E	S 15° E	
#16		3° 58' R			
	2998'		S 18° 43' E	S 18° 30' E	
#15		37° 30' L			
	300	<del>17° 22' R</del>	S 18° 47' W	S 19° W	
#14		17° 22' R			
	3995'		S 1° 25' W	S 1° 30' W	- 504' 300' 1988'
#13		1° 17' L			
	296'		S 2° 42' W	S 3° 15' W	- 7° 47' 2996'
#12		2° 42' R			
	1576'		South	S 0° 30' W	- 5008 1582'
#11		2° 02' L			
	1175'		S 2° 02' W	S 1° 30' W	- 8021' 1182'
#10		2° 02' R			

5-14  
72 3 2

Lat Dep.



Brockway  
Store



117 1/2 4 1/2

CS 5/14

⑤

True Line  
Bearing

Dist

8050'  $\frac{1}{4}$  Sec. Corner. 18-17.

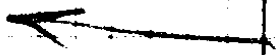
5366' Sec. Corner. Com.  $\frac{18}{19} / \frac{17}{20}$

N  $0^{\circ} 40' E$

Sec. Corner  $\frac{19}{30} / \frac{20}{29}$

Outcrop Bould

Corner 17-18-19-20



South Point on Rock Outcrop  
N 44° 37' W 1915 feet

Drive iron pipe

High point on Rock Outcrop  
S 84° 30' E 790 feet

N End Gable Buxtons  
Barn S 66° 40' E

Corner 19-20-29-30

Original BTs

New BTs

- 27" y Oak S 27° E 158
- 24" W Oak N 33 1/2° W 77
- 10" W Oak S 40° 45' W 134 1/2
- 10" W " N 41° E 29'

Drive 3/4" Iron pipe  
C.S. 5/14

