

Aug. 18, 1891. P.M. Continuation  
of work from page 30

In order to locate work previously  
lost (See T.F. pp 40+41 and T.A. p 54) and  
compare with same  
I set up on point D in opposite diagram  
set 2' south of the center line of  
2<sup>nd</sup> St as produced from the 7th,  
at Washington Ave, and Wall Ave.

(See pp 29+30) With B.S. at C. (Wall +  
2' south of 2' south of 7th.) I turn L. and with  
 $89^{\circ}56\frac{1}{2}'$  to E on a straight line as  
produced from 7th, Wash. + 2<sup>nd</sup> and  
Adams and 2<sup>nd</sup> St. - a distance of  
DE = by calculation to:-

$$2' + 5.768 + 4.704 = 12.472 \text{ feet.}$$

Check (see below)

From B.D. I derive ED to =  $2' + 10.472 = 12.472$   
as above, which proves the work

Note: The distance measured should have been  
2832.87 instead of 2832.83 (See p. 29), but the error is  
not apparent in the results here obtained.

$$\text{eg } CD = 2832.83 (\text{p. 29}) = 3.452220$$

$$\text{eg } \tan 00^{\circ}07' = 7.308825$$

$$\text{eg } 5.768 = 0.761045$$

1.01

Check. - Total corrected distance B.D.

reduced for slope and temp. is

5143.11 feet, therefore

$$\text{eg } 5143.11 = 3.711226$$

$$\text{eg } \tan 00^{\circ}07' = 7.308825$$

$$\text{eg } 10.472 = 1.050057$$

Setting on D. therefore I turn  $89^{\circ}56\frac{1}{2}'$   
toward the north + move back, E,  
12.43' feet. Setting on E, with  
F.O.D. measure 8.37' east +  
find lost monument,

continued on p. 34.

