Aug. 19. 1891. P.M.

Continuation of work on page 33.

Now that the monument No. 99 has been found, I want to check the measure of pp. 29 + 30 + c. with that of Holledge (T. F. 40 + 41. 3 d J. A. p 64) and also to reduce the alignment of pp. 30 + 29 with that previously done so as to get the exact location of Mt. 99.

In order to do so I make the following observations (See diagram in which the letters A. B. C. D + E rep-resent the same points as shown by same letters on p. 33.

Setting on C' = Mt. Wall + 24th I read angles bet points M. + D. as follows:

00°	15.50	0
	15.25	10
	15.00	40
	14.75	70
	15.00	120
	15.50	300
	15.00	330
	15.25	240
	15.12	200
	15.13	166

mean = 15.15 ✓ = 15' 09."

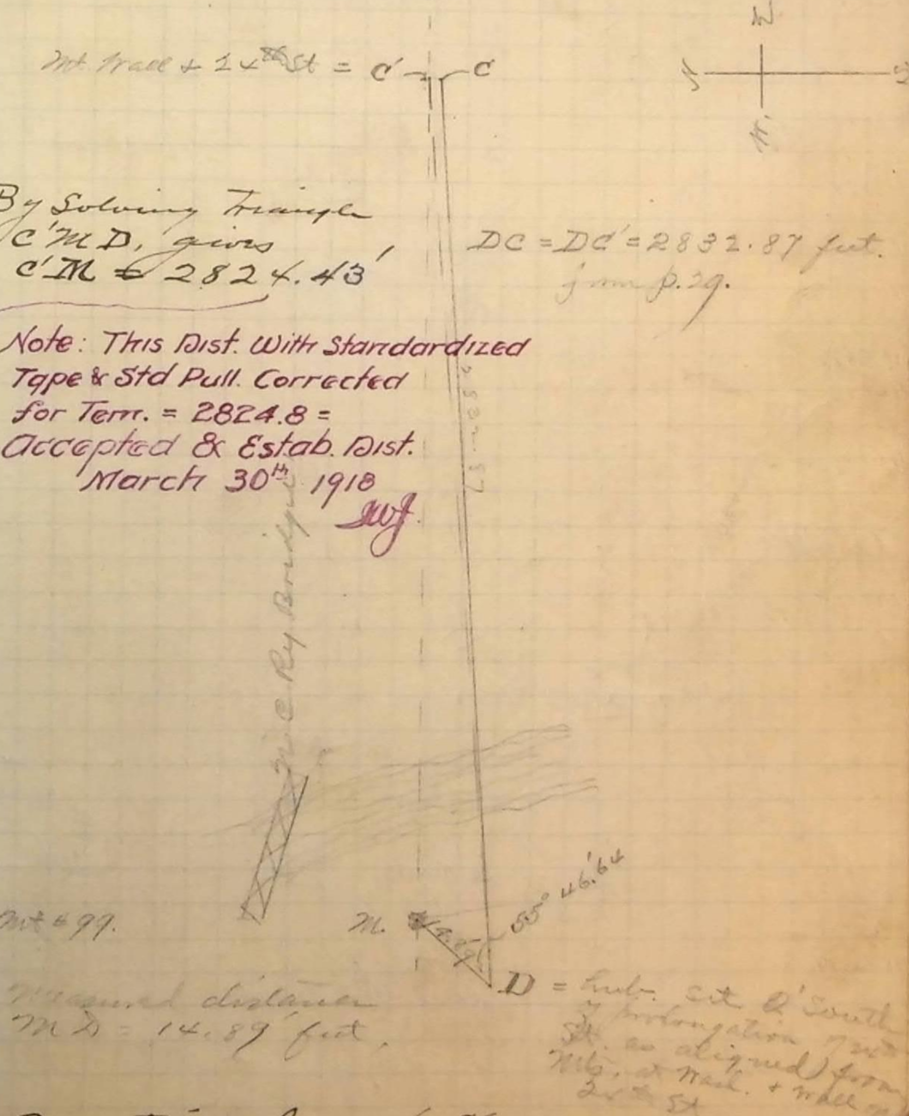
Setting then upon D with F.S. at C' (Mt. 24 + Wall) I read angle to M, the monument 99: —

A Vernier	Quadrant 1	2	3	4	Quadrant 1	2	3	∠ B Vernier
55°	47'						47.	
		46.						46.
Telescope erect			47 1/4		47			
				46 3/4		46 1/2		
	47'						46 3/4	
		46 1/2						46 1/2
Telescope inverted			47.		46 3/4			
		∠		46.		46.		

Mean of A Vernier = 46.69

" " B " = 46.59

" of Both Verniers = 55° 46.6' ∠ ✓



By Solving Triangle C'MD, gives C'M = 2824.43'

Note: This Dist. With Standardized Tape & Std Pull. Corrected for Temp. = 2824.8 = Accepted & Estab. Dist. March 30th 1918 MJ.

Continued on p. 83.