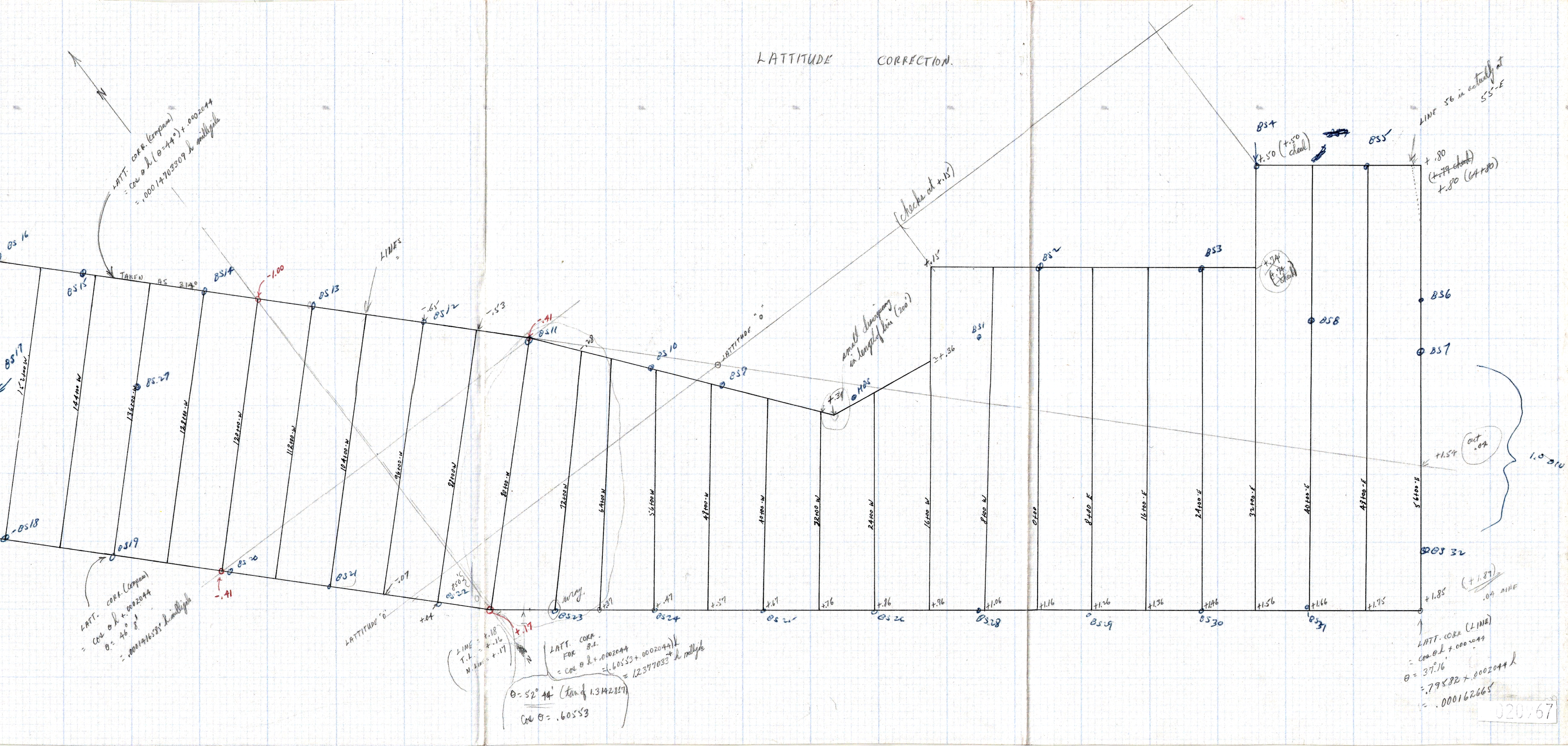


LATITUDE CORRECTION.





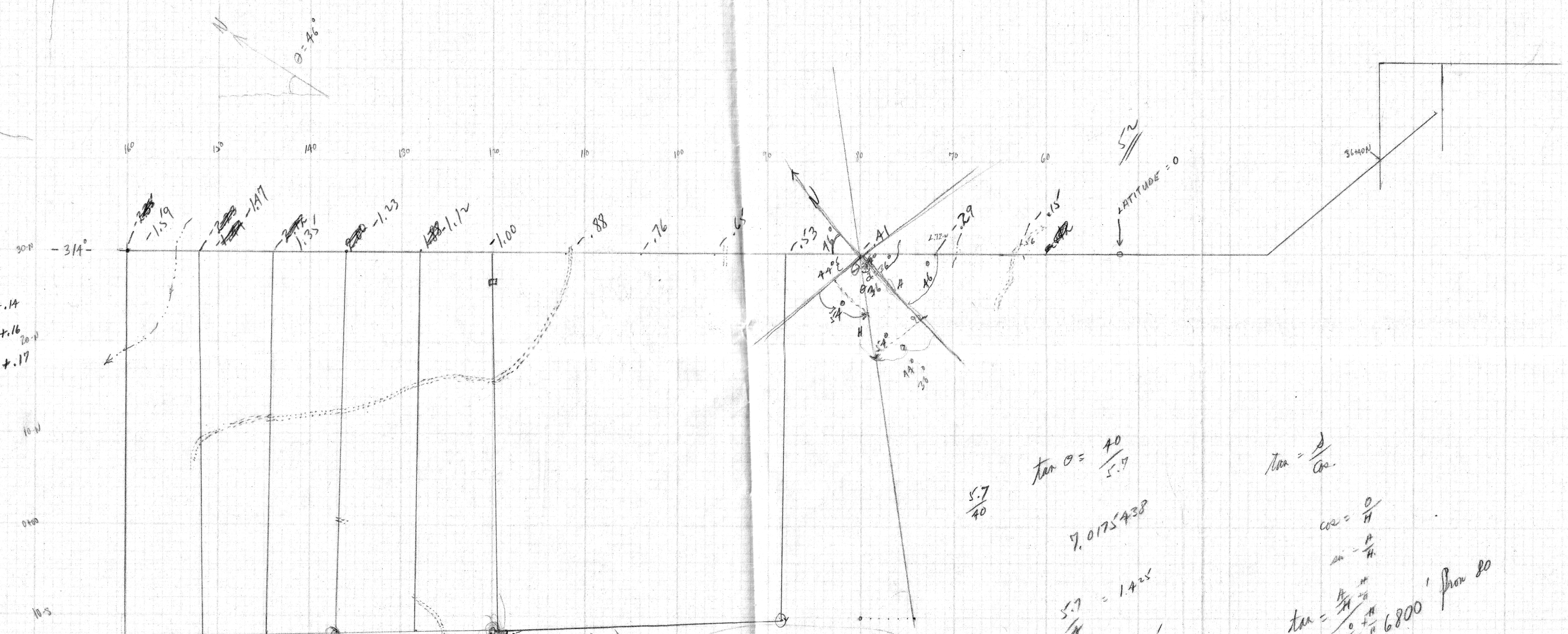
$$\frac{1.13}{.99} = 1.14$$

$$\frac{.57}{-1.1} = -0.518$$

$$-99 + 8000 \times .0001416585 = +.14$$

$$= -.41 + .0001419885 \times 4000 = +.16$$

$$= 850 \times .0002044 = +.17$$



$$\frac{1.17}{.99} = 1.172$$

6 in A2+40

$$\frac{1.17}{.99} = 1.172$$

$$\frac{.57}{-1.1} = -0.518$$

120+00  
11400  
= -.82

$$-1.00 + (4140 \times .0001419885) = -.99$$

$$-1.00 + .588 = -.99 + (.834 \cos \theta)$$

$$\frac{-.412 + .99}{.834} = \cos \theta$$

$$\cos \theta = .6930455$$

$$\theta = 46^{\circ} 8'$$

$$\frac{5.7}{40} = \tan \theta = \frac{40}{5.7}$$

$$7.0175438$$

$$\frac{5.7}{4} = 1.425$$

$$.01425$$

$$= 8^{\circ} 6'$$

$$\tan = \frac{p}{\cos}$$

$$\cos = \frac{0}{H}$$

$$\sin = \frac{p}{H}$$

$$\tan = \frac{\frac{H}{H}}{\frac{0}{H}} = \frac{H}{0} = 6800' \text{ from } 80$$

52 in 0

as correction is 4000 feet along + .59 on L.S. at 3000

$$\theta = 54^{\circ}$$

$$.58719$$

$$\frac{120}{96} = 1.25$$

$$-99 + 80 \times .000$$