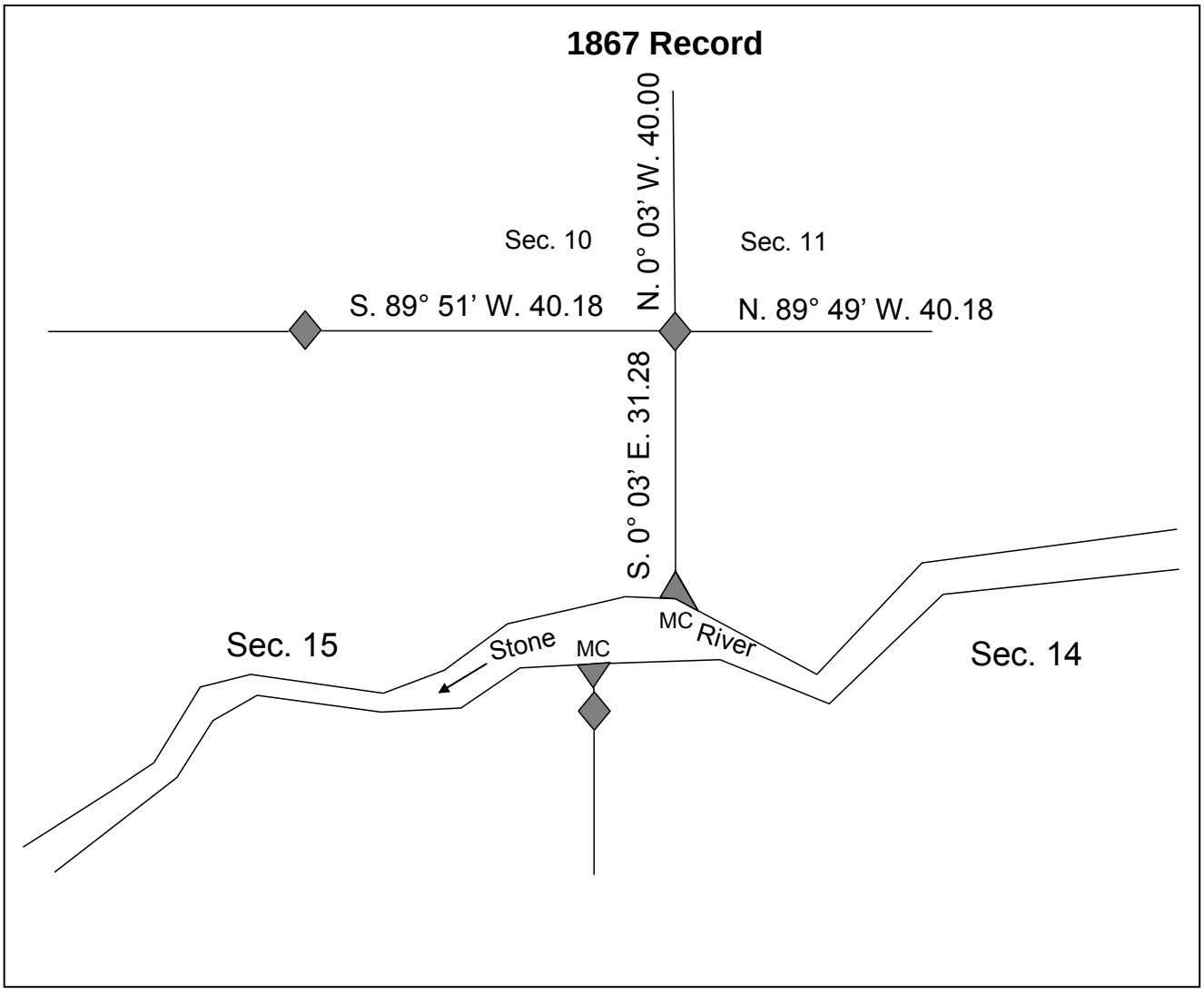
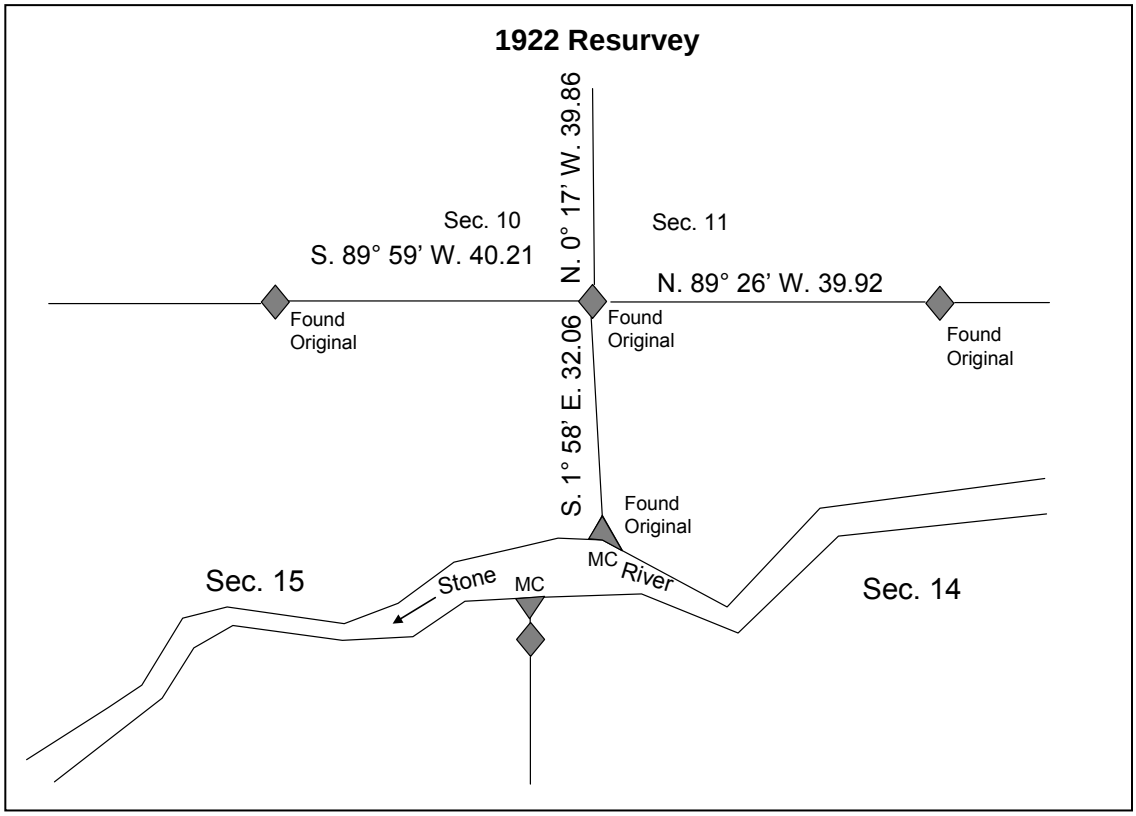
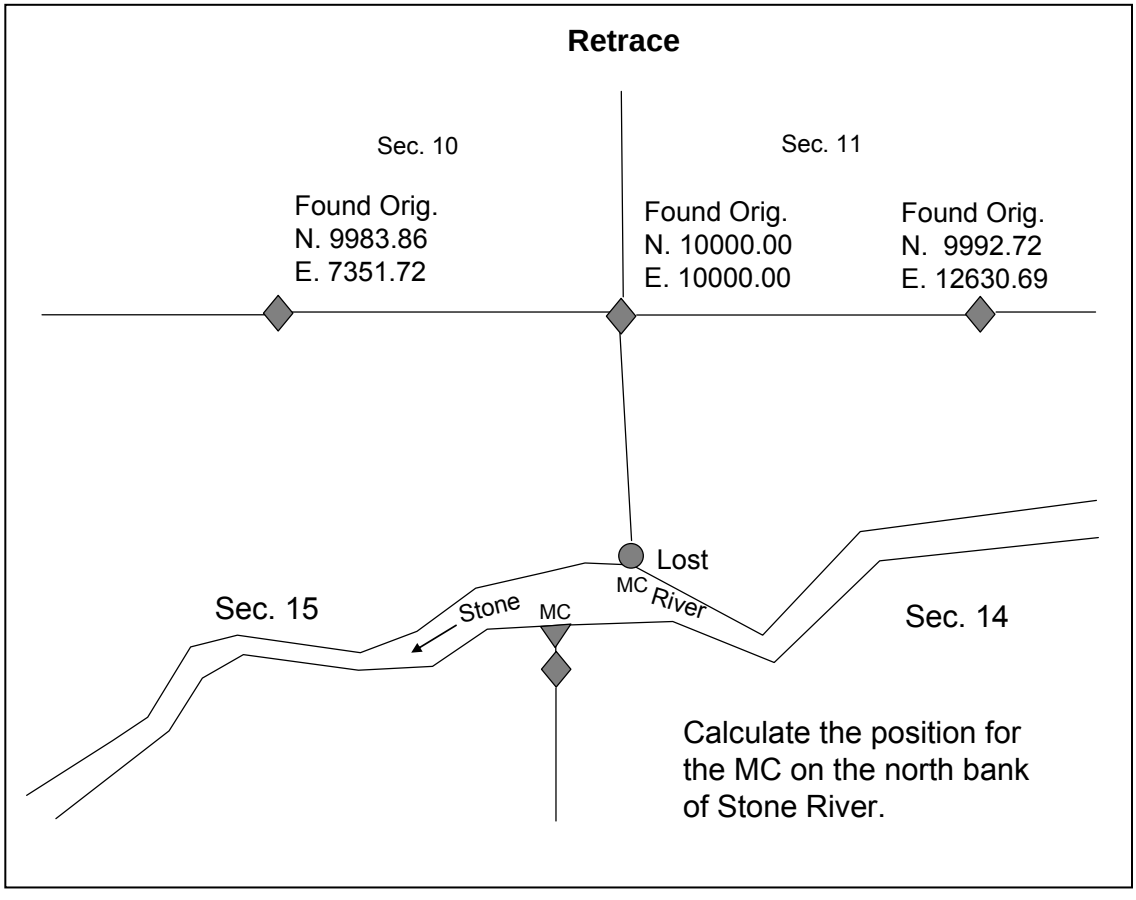
Original Control (one point)




1922 Resurvey
N. 0° 17' W. 39.86
Sec. 10
Sec. 11
S. 89° 59' W. 40.21
N. 89° 26' W. 39.92
Found Original
Found Original
Found Original
S. 1° 58' E. 32.06
Found Original
MC
River
Sec. 15
Stone
MC
Sec. 14


Retrace
Sec. 10
Sec. 11
Found Orig.
N. 9983.86
E. 7351.72
Found Orig.
N. 10000.00
E. 10000.00
Found Orig.
N. 9992.72
E. 12630.69
Lost
MC
River
Sec. 15
Stone
MC
Sec. 14
Calculate the position for the MC on the north bank of Stone River.

Sec. 7-56 Original Control

Where a line has been terminated with measurement in one direction only, a lost corner will be restored by record bearing and distance, counting from the nearest regular corner, the latter having been duly identified or restored.

An index correction for average error in original measurement should be used, if appropriate, as discussed in section 5-29.

Calculate N-S

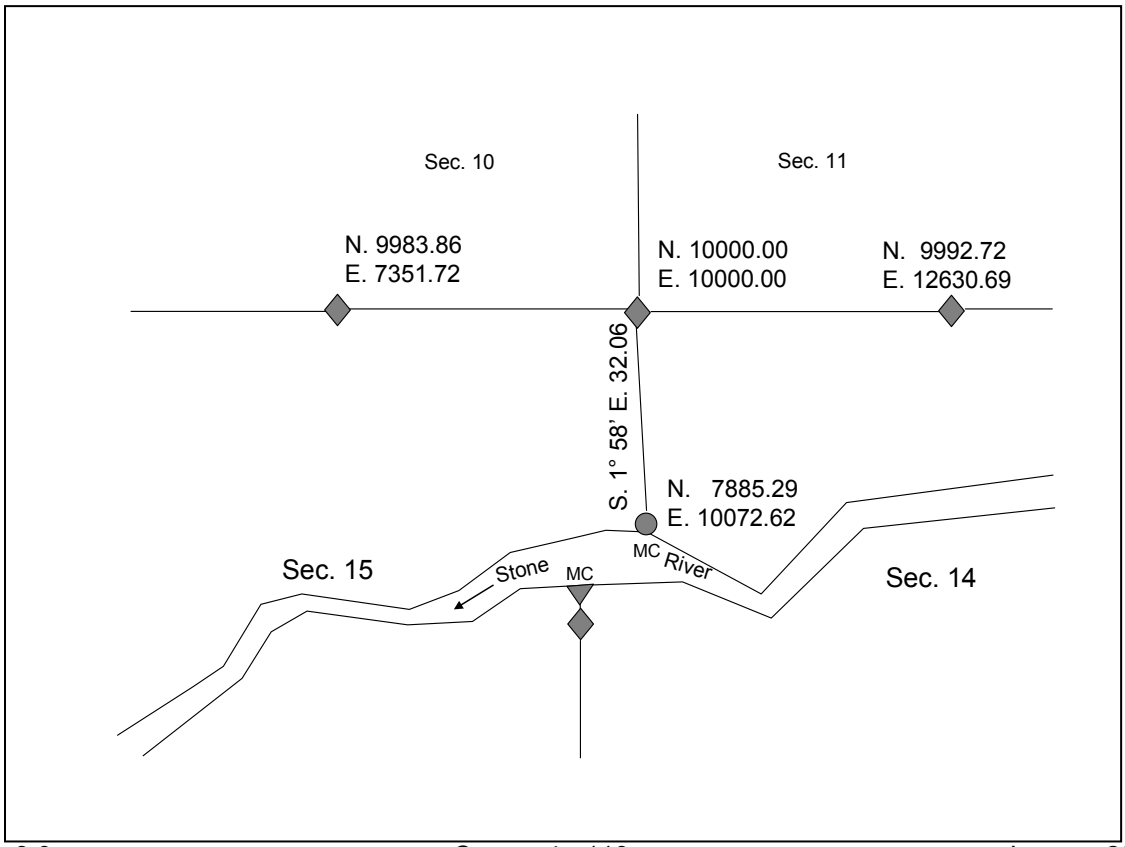
(An index correction is not appropriate because we have not retraced enough of the retracement survey)
Cos 1° 58' x 2115.96 ft. (32.06 chs.) = S. 2114.71

N.10000.00 - 2114.71 = **N.7885.29**

Calculate E-W

(An index correction is not appropriate because we have not retraced enough of the retracement survey)
Sin 1° 58' x 2115.96 ft. (32.06 chs.) = E.72.62 ft.

E. 10000.00 + 72.62 = **E.10072.62**

Proportionate Position of the Section Corner

N.7885.29
E.10072.62