FER 78

Figure 4. Compilation of mapping of the Brawley fault, Alamorio and Holtville West quadrangles. Traces not labeled "Kahle (1975)" are modified from Sharp (1977). The recommended new and revised zone boundaries are shown with a heavy line. The modified traces of Sharp (1977), as depicted here, are the recommended faults for the revised SSZ maps. The symbol "(1975)" indicates localities of observed ground rupture (by creep?) at the time of the 1975 earthquake swarm in this area.

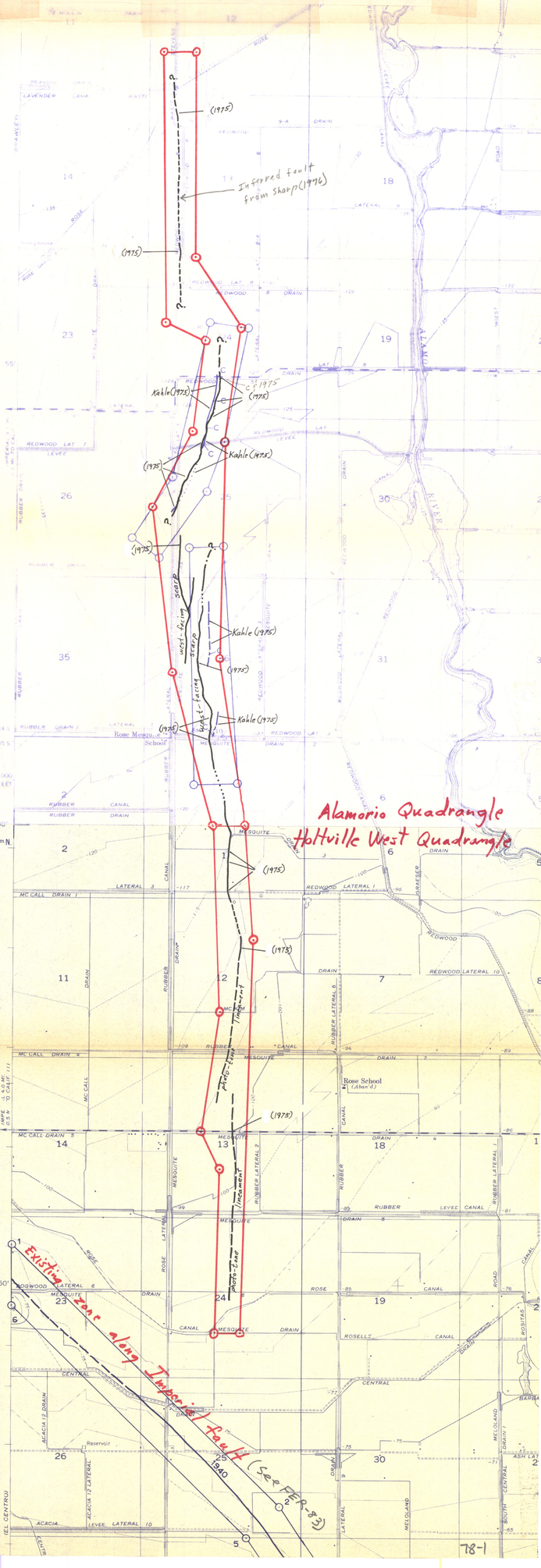
MAP EXPLANATION

Potentially Active Faults

1906 C — Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

Special Studies Zone Boundaries

These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.

Seaward projection of zone boundary.