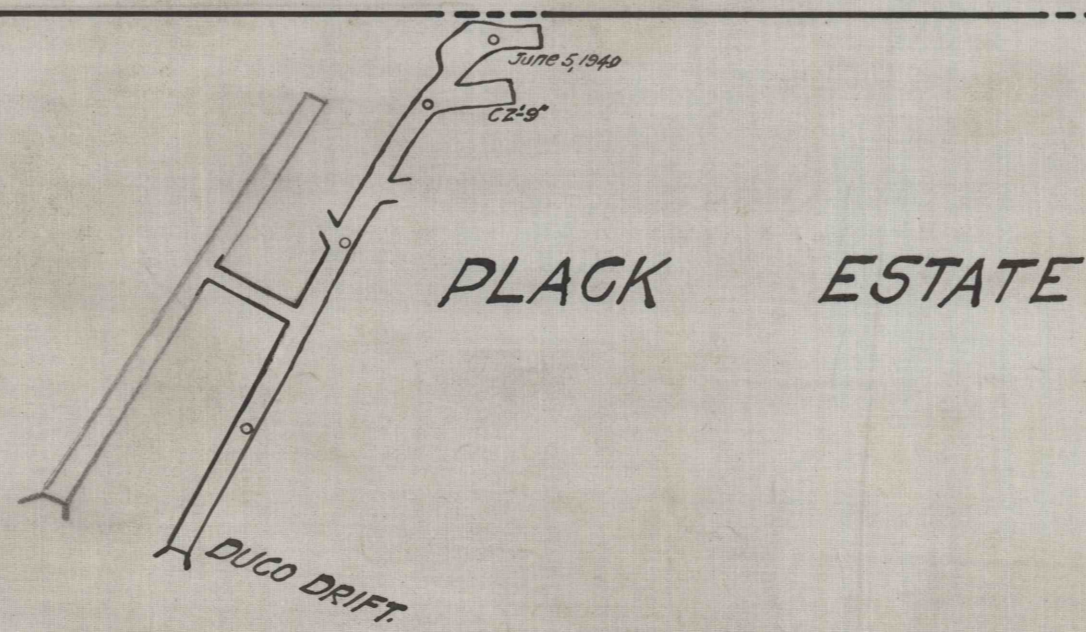
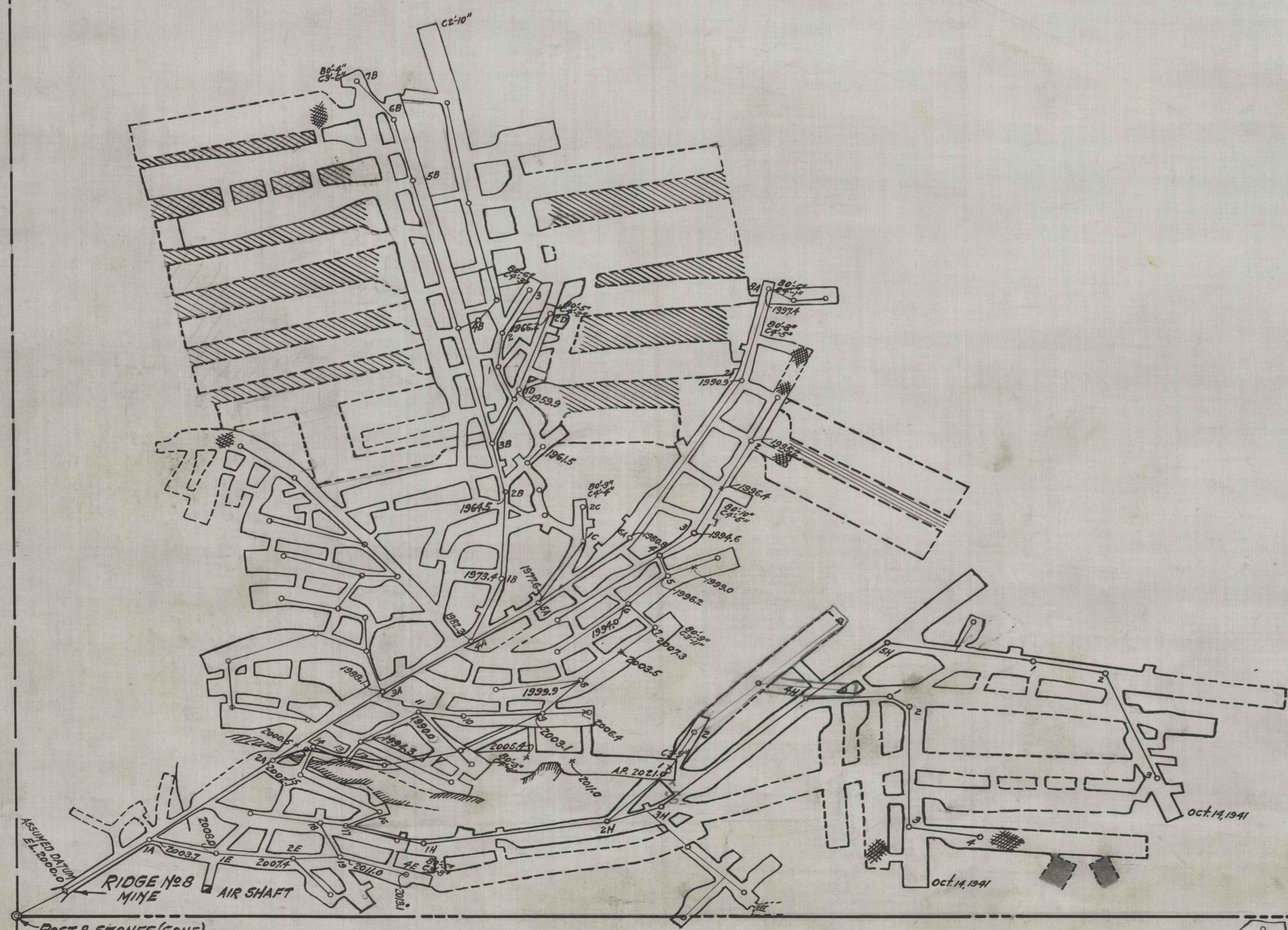




SWIPES ESTATE



586° 08' E

MAP SHOWING MINING OPERATIONS OF THE RIDGE MINING CO. IN THE "B" OR LOWER KITTANNING COAL SEAM. DEAN TOWNSHIP, CAMBRIA COUNTY, PA.

SCALE - 1" = 100'

SILLIMAN & WESTLEY MINING ENGINEERS, ALTOONA, PA.

MINING WORKINGS SHOWN TO DATE OF [redacted]