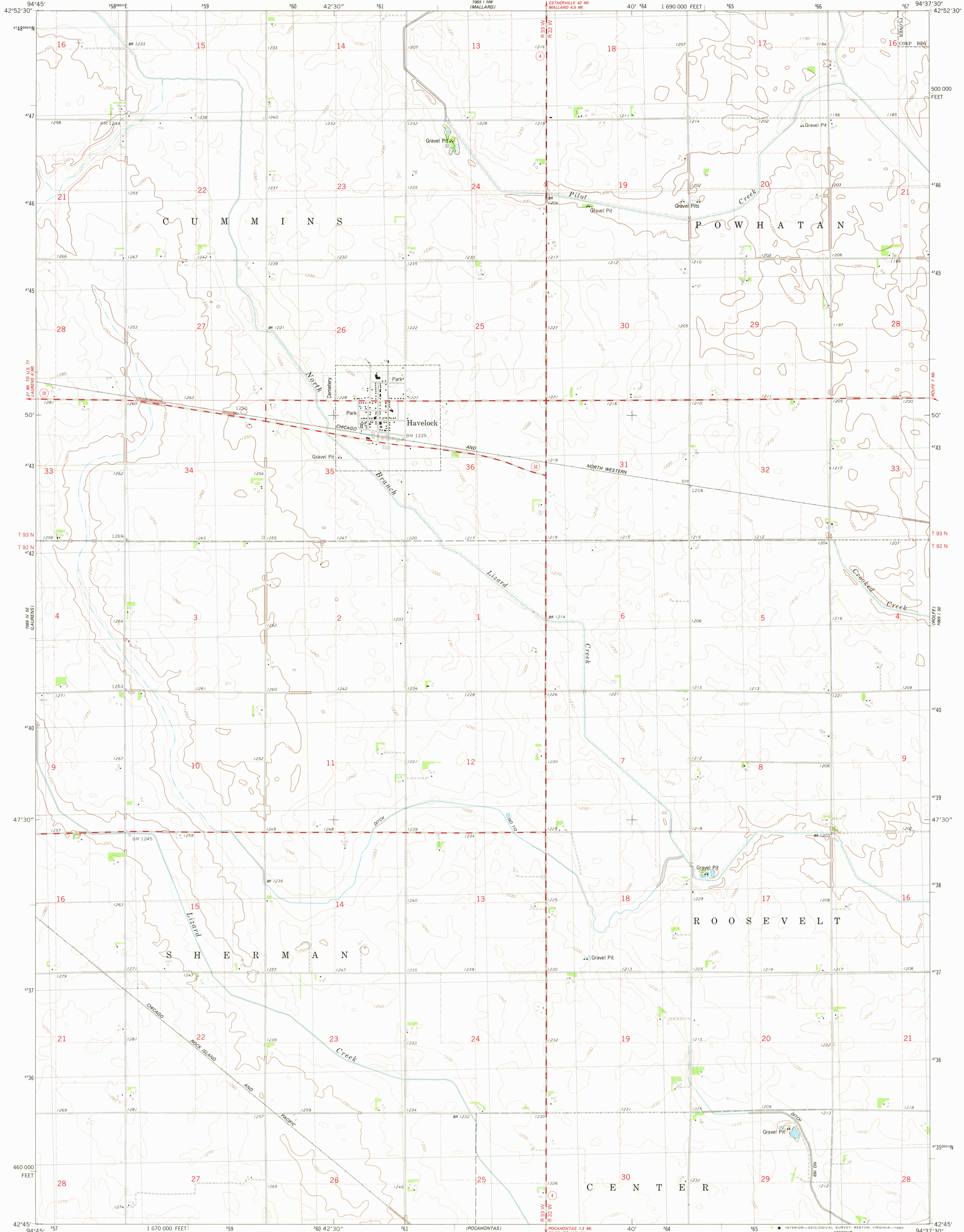


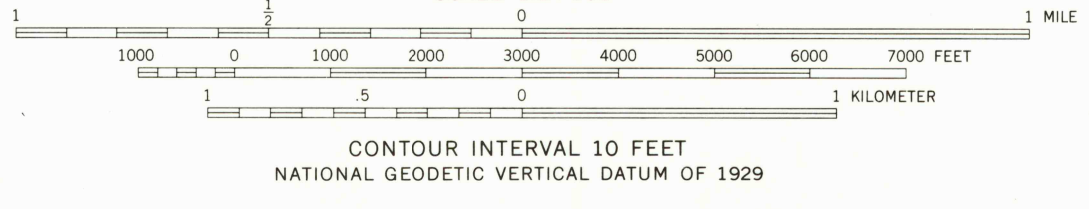
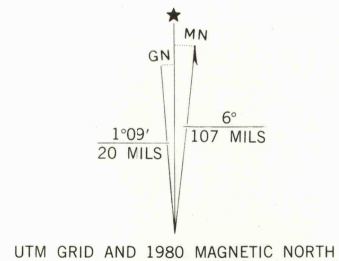
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HAVELOCK QUADRANGLE
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7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1974. Field checked 1976. Map edited 1980
Projection and 10,000-foot grid ticks: Iowa coordinate system, north zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 15
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 5 meters north and 21 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked



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- ROAD CLASSIFICATION
- Primary highway, hard surface
 - Secondary highway, hard surface
 - Unimproved road
 - Light-duty road, hard or improved surface
- USGS
Historical File
Topographic Division

HAVELOCK, IOWA
N4245-W9437.5/7.5
1980

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