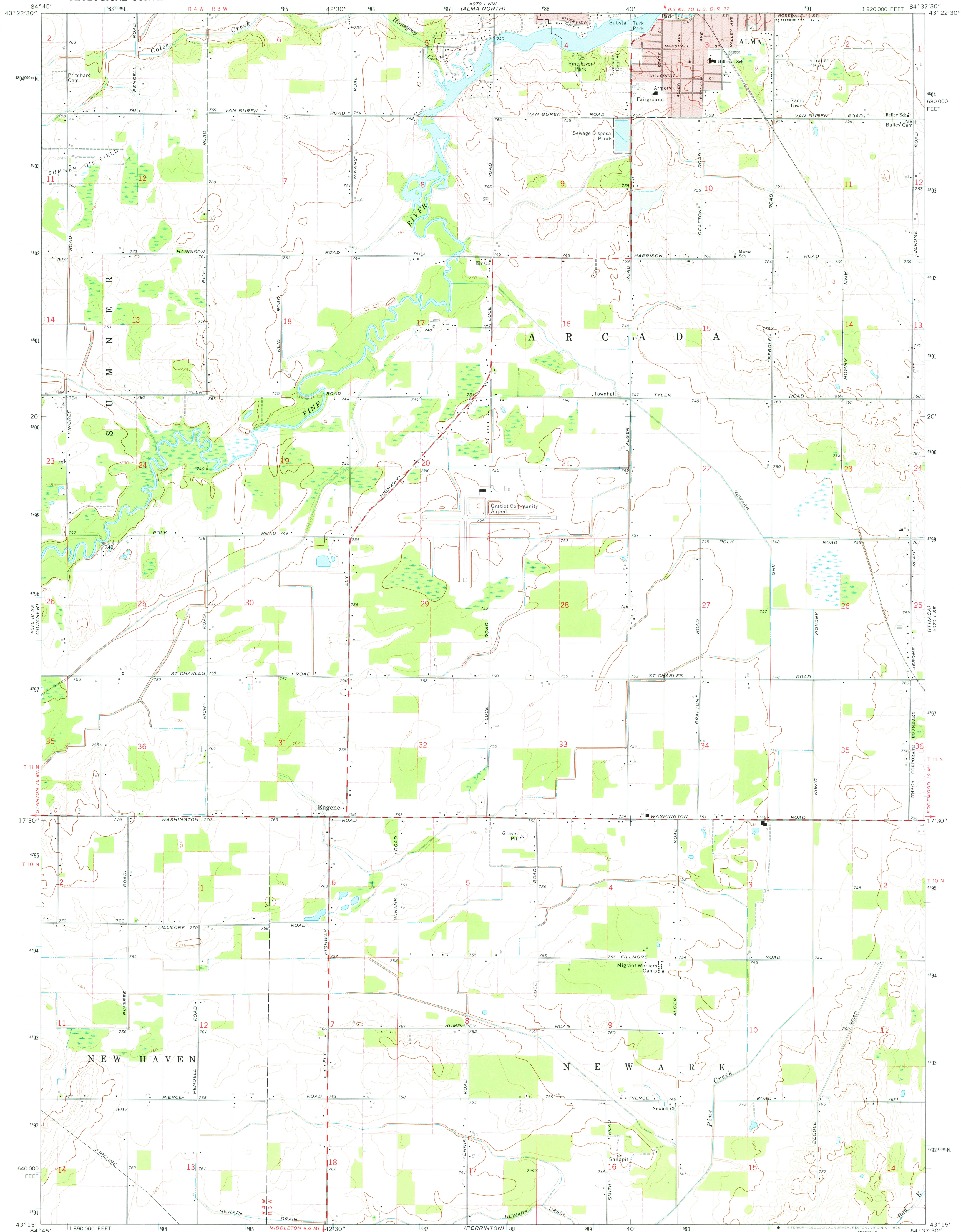


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

ALMA SOUTH QUADRANGLE  
MICHIGAN-GRATIOT CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
SW 1/4 ALMA 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial  
photographs taken 1972. Field checked 1973

Projection and 10,000-foot grid ticks: Michigan coordinate  
system, south zone (Lambert conformal conic)  
1000-metre Universal Transverse Mercator grid ticks,  
zone 16, shown in blue. 1927 North American datum

Red tint indicates areas in which only landmark buildings are shown

Fine red dashed lines indicate selected fence and field lines where  
generally visible on aerial photographs. This information is unchecked

216°

44 MILS

1°35'

28 MILS

UTM GRID AND 1973 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 5 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION  
Primary highway, hard surface  
Secondary highway, hard surface  
Unimproved road  
Interstate Route  
U. S. Route  
State Route



ALMA SOUTH, MICH.  
SW 1/4 ALMA 15' QUADRANGLE  
N 4315-W 8437.5/7.5

1973

AMS 4070 1 SW-SERIES W62

DEC 23 1976