

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equalled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A No base flood elevation determined.

ZONE AE Base flood elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Area of special flood hazard formerly protected from the 1% annual chance flood event by a flood control system that was subsequently derelictified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance of greater flood event.

ZONE A99 Areas to be protected from 1% annual chance flood event by a Federal flood protection system under construction; no base flood elevations determined.

ZONE V Coastal Flood zone with velocity hazard (wave action); no base flood elevations determined.

ZONE VE Coastal Flood zone with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
 0.2% annual chance floodplain boundary
 Floodway boundary
 Zone D boundary
 CBRS and OPA boundary
 Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities

Base Flood Elevation line and value; elevation in feet*
 (EL 987)
 Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29)

(A) Cross Section line
 (23) Transsect line

97°07'30", 32°22'30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)

4275⁰⁰⁰M 1000-meter Universal Transverse Mercator grid values, zone 14

6000000 FT 5000-foot grid ticks: South Dakota State Plane coordinate system, south zone (FIPSZONE 3302), Lambert Conformal Conic projection.

DX5510 Bench mark (see explanation in Notes to Users section of this FIS panel)

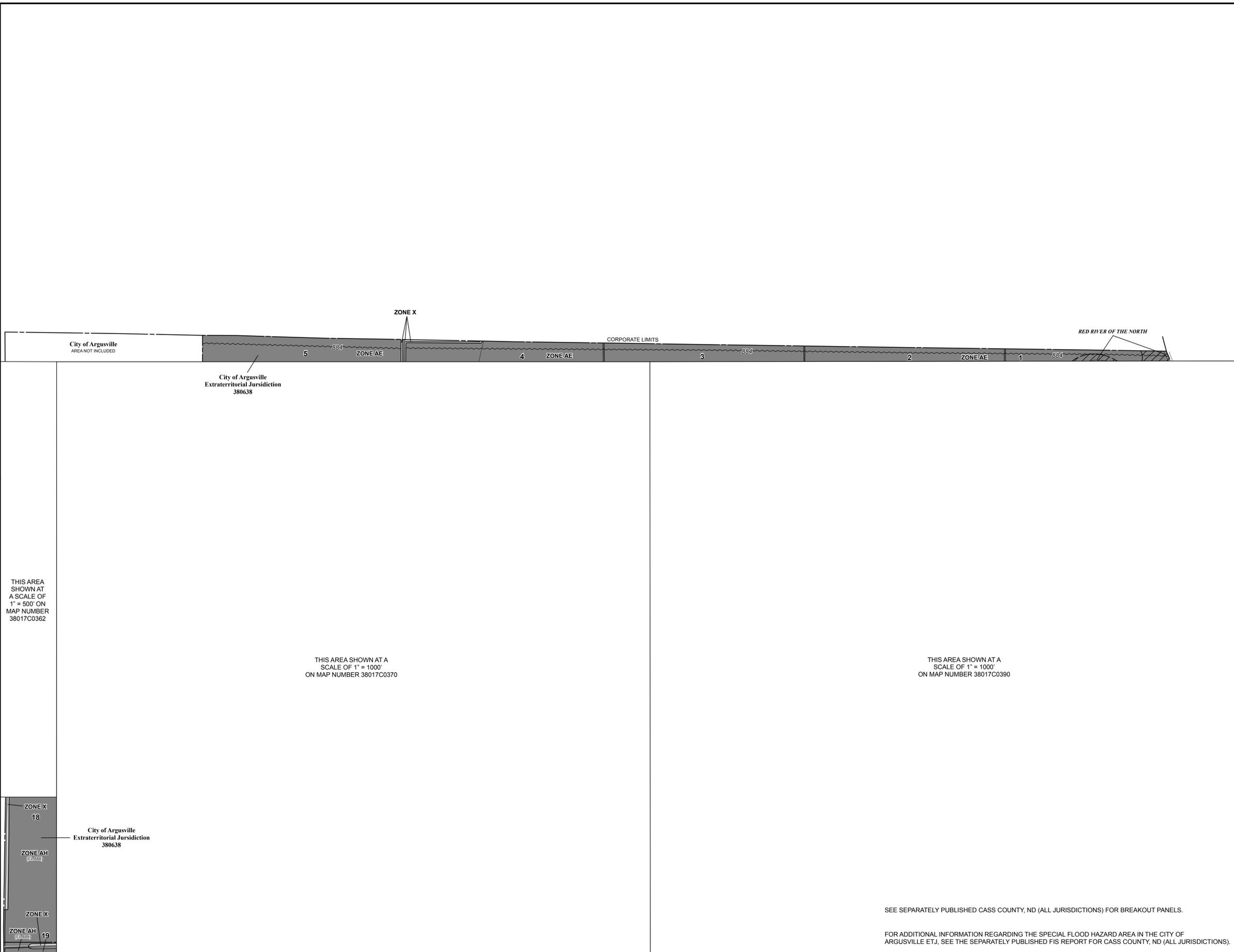
M1.5 River Mile

MAP REPOSITORY
 Refer to listing of Map Repositories on Map Index

INITIAL NFIP MAP DATE
 October 15, 1980
 FLOOD HAZARD BOUNDARY MAP REVISIONS
 FLOOD INSURANCE RATE MAP EFFECTIVE
 October 15, 1980
 FLOOD INSURANCE RATE MAP REVISIONS
 April 17, 1984
 December 15, 1985
 - to update corporate limits

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6600.

1:000 500 0 1:000 FEET



THIS AREA SHOWN AT A SCALE OF 1" = 500' ON MAP NUMBER 38017C0362

THIS AREA SHOWN AT A SCALE OF 1" = 1000' ON MAP NUMBER 38017C0370

THIS AREA SHOWN AT A SCALE OF 1" = 1000' ON MAP NUMBER 38017C0390

PANEL 0005D

FIRM FLOOD INSURANCE RATE MAP

**TOWNSHIP OF HARWOOD,
NORTH DAKOTA
CASS COUNTY**

PANEL 5 OF 10
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SUFFIX
TOWNSHIP OF HARWOOD	380259	0005	D

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

**MAP NUMBER
380259 0005 D
MAP REVISED**

**REVISED PRELIMINARY
JULY 31, 2012**

Federal Emergency Management Agency

SEE SEPARATELY PUBLISHED CASS COUNTY, ND (ALL JURISDICTIONS) FOR BREAKOUT PANELS.

FOR ADDITIONAL INFORMATION REGARDING THE SPECIAL FLOOD HAZARD AREA IN THE CITY OF ARGUSVILLE ETJ, SEE THE SEPARATELY PUBLISHED FIS REPORT FOR CASS COUNTY, ND (ALL JURISDICTIONS).