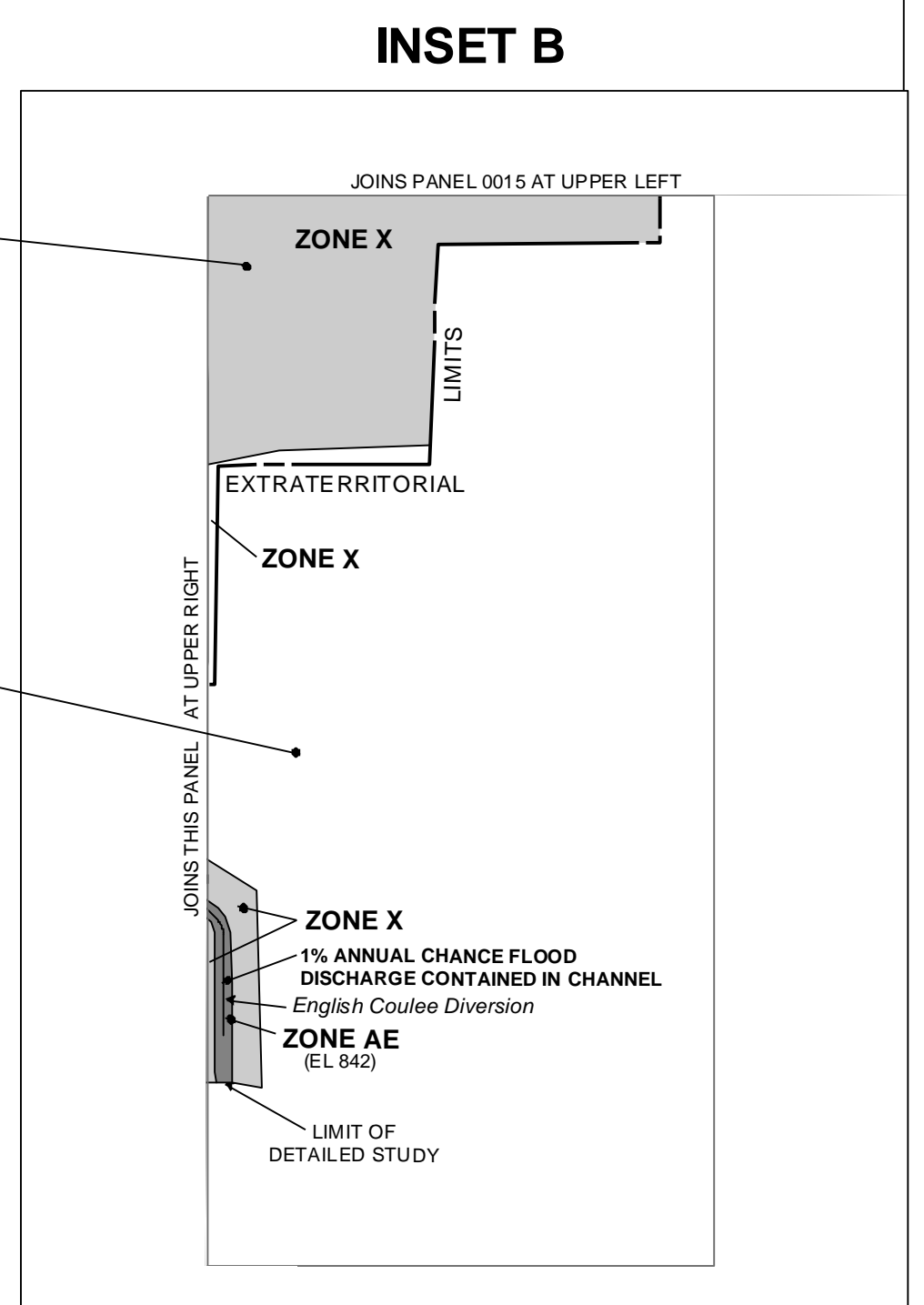


**ELEVATION REFERENCE MARKS**

REFERENCE MARK	ELEVATION (FT. NGVD)	DESCRIPTION OF LOCATION
RM50	842.29	U.S. Geological Survey 4x6 stamped "2261 (1963)" on the southeast concrete abutment of Burlington Northern Railroad the box collect on the north section line of section 11, T. 15 N., R. 51 W.
RM51	841.91	U.S. Geological Survey 60 d spike in a power pole in the northeast corner of the northeast section in the southwest corner of section 13, T. 15 N., R. 51 W.

FLOOD INSURANCE INFORMATION ON THIS MAP APPLIES ONLY TO THE AREAS WITHIN THE EXTRATERRITORIAL LIMITS OF THE CITY OF GRAND FORKS. SPECIAL FLOOD HAZARD AREAS ARE SHOWN OUTSIDE THE EXTRATERRITORIAL LIMITS OF THE CITY OF GRAND FORKS FOR INFORMATION PURPOSES ONLY.

FLOOD INSURANCE INFORMATION ON THIS MAP APPLIES ONLY TO THE AREAS WITHIN THE EXTRATERRITORIAL LIMITS OF THE CITY OF GRAND FORKS. SPECIAL FLOOD HAZARD AREAS ARE SHOWN OUTSIDE THE EXTRATERRITORIAL LIMITS OF THE CITY OF GRAND FORKS FOR INFORMATION PURPOSES ONLY.



**LEGEND**

- SPECIAL FLOOD HAZARD AREAS INUNDED BY 100-YEAR FLOOD**
  - ZONE A** No base flood elevations determined.
  - ZONE AE** Base flood elevations determined.
  - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponds); base flood elevations determined.
  - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow or slough areas); average depths determined. For areas of actual sea flooding, velocities determined.
  - ZONE A99** To be protected from 100-year flood by Federal flood protection system (levee, dike, or other structure); no base flood elevation determined.
  - ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
  - ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.
- FLOODWAY AREAS IN ZONE AE**
- OTHER FLOOD AREAS**
  - ZONE X** Areas determined to be outside 500-year floodway.
  - ZONE D** Areas in which flood hazards are undetermined.
- UNDEVELOPED COASTAL BARRIERS**
  - Channel (100)
  - Channel (50)
  - Channel (20)
  - Channel (10)
  - Channel (5)
  - Channel (2)
  - Channel (1)
  - Channel (0.5)
  - Channel (0.2)
  - Channel (0.1)
  - Channel (0.05)
  - Channel (0.02)
  - Channel (0.01)
  - Channel (0.005)
  - Channel (0.002)
  - Channel (0.001)
  - Channel (0.0005)
  - Channel (0.0002)
  - Channel (0.0001)
  - Channel (0.00005)
  - Channel (0.00002)
  - Channel (0.00001)

**NOTES**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size, or all structures, features, or other Special Flood Hazard Areas. The community map repository should be consulted for more detailed data on SFHAs and any information on boundary determinations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, AH, AO, A99, V, VE, and X.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydrologic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Refer to Floodway Data table where floodway width is shown as 1000 feet.

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

This map may incorporate approximate boundaries of Coastal Boundary Response System (CBRS) and/or other protected areas established under the Coastal Barrier Improvement Act of 1990 (P.L. 101-591).

For additional map panels and base map source see separately printed Map Index.

**INITIAL IDENTIFICATION:**  
JUNE 26, 1979

**FLOOD HAZARD BOUNDARY MAP REVISIONS:**  
FLOOD INSURANCE RATE MAP EFFECTIVE:  
SEPTEMBER 30, 1977

**FLOOD INSURANCE RATE MAP REVISIONS:**  
Map revised August 26, 1985 to change the boundaries of the special flood hazard areas to change base flood elevations, to change corporate limits and to add special flood hazard areas.

Map revised December 25, 1986 to add unimproved levees and to add special flood hazard areas.

Map revised September 27, 1985 to change flood plain boundaries, base flood elevations, corporate limits, roads, cultural markers, or map format.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 538-6622.

**APPROXIMATE SCALE**  
1" = 1000 FEET

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**

**CITY OF GRAND FORKS, NORTH DAKOTA**

**GRAND FORKS COUNTY**

**PANEL 20 OF 20**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

**REVISED TO REFLECT LOMR EFFECTIVE AUG 2, 2007**

**MAP NUMBER**  
385365 0020 D

**MAP REVISED:**  
SEPTEMBER 27, 1985

Federal Emergency Management Agency