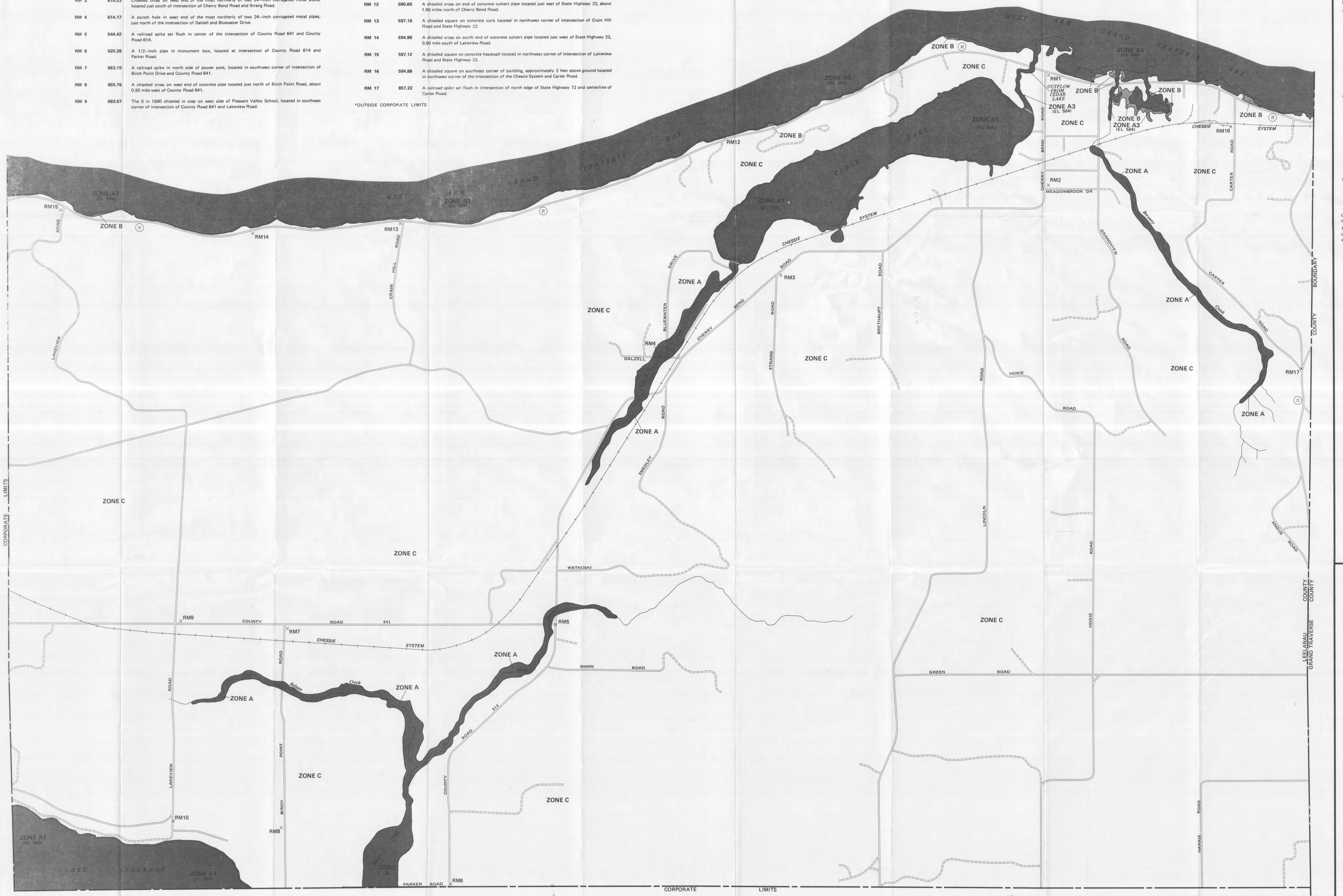
ELEVATION REFERENCE MARKS

REFERENCE MARKS	ELEVATION FEET (NGVD)	DESCRIPTION OF LOCATION
RM 1	602.01	Spike in east side of power pole located in southwest corner of intersection of Cherry Bend Road and State Highway 22.
RM 2	617.03	Chiseled cross on east end of concrete culvert pipe located in the southeast corner of intersection of Cherry Bend Road and Meadowbrook Drive.
RM 3	610.23	Chiseled cross on west end of the most northerly of two 24-inch corrugated metal pipes, located just south of intersection of Cherry Bend Road and Strang Road.
RM 4	614.17	A punch hole in west end of the most northerly of two 24-inch corrugated metal pipes, just north of the intersection of Dalzell and Bluewater Drive.
RM 5	644.42	A railroad spike set flush in center of the intersection of County Road 641 and County Road 614.
RM 6	620.26	A 1/2-inch pipe in monument box, located at intersection of County Road 614 and Parker Road.
RM 7	683.19	A railroad spike in north side of power pole, located in southwest corner of intersection of Birch Point Drive and County Road 641.
RM 8	655.76	A chiseled cross on west end of concrete pipe located just north of Birch Point Road, about 0.95 mile west of County Road 641.
RM 9	693.67	The 0 in 1890 chiseled in step on west side of Pleasant Valley School, located in southeast corner of intersection of County Road 641 and Lakeview Road.
RM 10	661.90	A railroad spike set flush in centerline of Lakeview Road, about 0.95 mile west of County Road 641.
*RM 11	602.97	A railroad spike set flush in centerline of Lakeview Road, opposite centerline of driveway to house No. 7866 Lakeview Road.
RM 12	590.60	A chiseled cross on end of concrete culvert pipe located just east of State Highway 22, about 1.60 miles north of Cherry Bend Road.
RM 13	597.19	A chiseled square on concrete curb located in northwest corner of intersection of Crain Hill Road and State Highway 22.
RM 14	594.98	A chiseled cross on south end of concrete culvert pipe located just west of State Highway 22, 0.90 mile south of Lakeview Road.
RM 15	597.12	A chiseled square on concrete headwall located in northwest corner of intersection of Lakeview Road and State Highway 22.
RM 16	594.88	A chiseled square on southeast corner of building, approximately 2 feet above ground located in northwest corner of the intersection of the Chessie System and Carter Road.
RM 17	857.22	A railroad spike set flush in intersection of north edge of State Highway 72 and centerline of Carter Road.

*OUTSIDE CORPORATE LIMITS



KEY TO MAP

500-Year Flood Boundary
100-Year Flood Boundary
Zone Designations*
100-Year Flood Boundary
500-Year Flood Boundary
ZONE B
ZONE A1
ZONE A
ZONE B

Base Flood Elevation Line With Elevation In Feet** — 513

Base Flood Elevation in Feet Where Uniform Within Zone** — (EL 987)

Elevation Reference Mark — RM7×

Zone D Boundary

River Mile — •M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
AO	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

INITIAL IDENTIFICATION:
SEPTEMBER 20, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS:
MARCH 5, 1976
SEPTEMBER 28, 1979

FLOOD INSURANCE RATE MAP EFFECTIVE:
FEBRUARY 2, 1983

FLOOD INSURANCE RATE MAP REVISIONS:

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.

N

APPROXIMATE SCALE
1000 0 1000 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

TOWNSHIP OF
ELMWOOD,
MICHIGAN
LEELANAU COUNTY

(ONLY PANEL PRINTED)

COMMUNITY-PANEL NUMBER
260113 0005 C

EFFECTIVE DATE:
FEBRUARY 2, 1983

Federal Emergency Management Agency