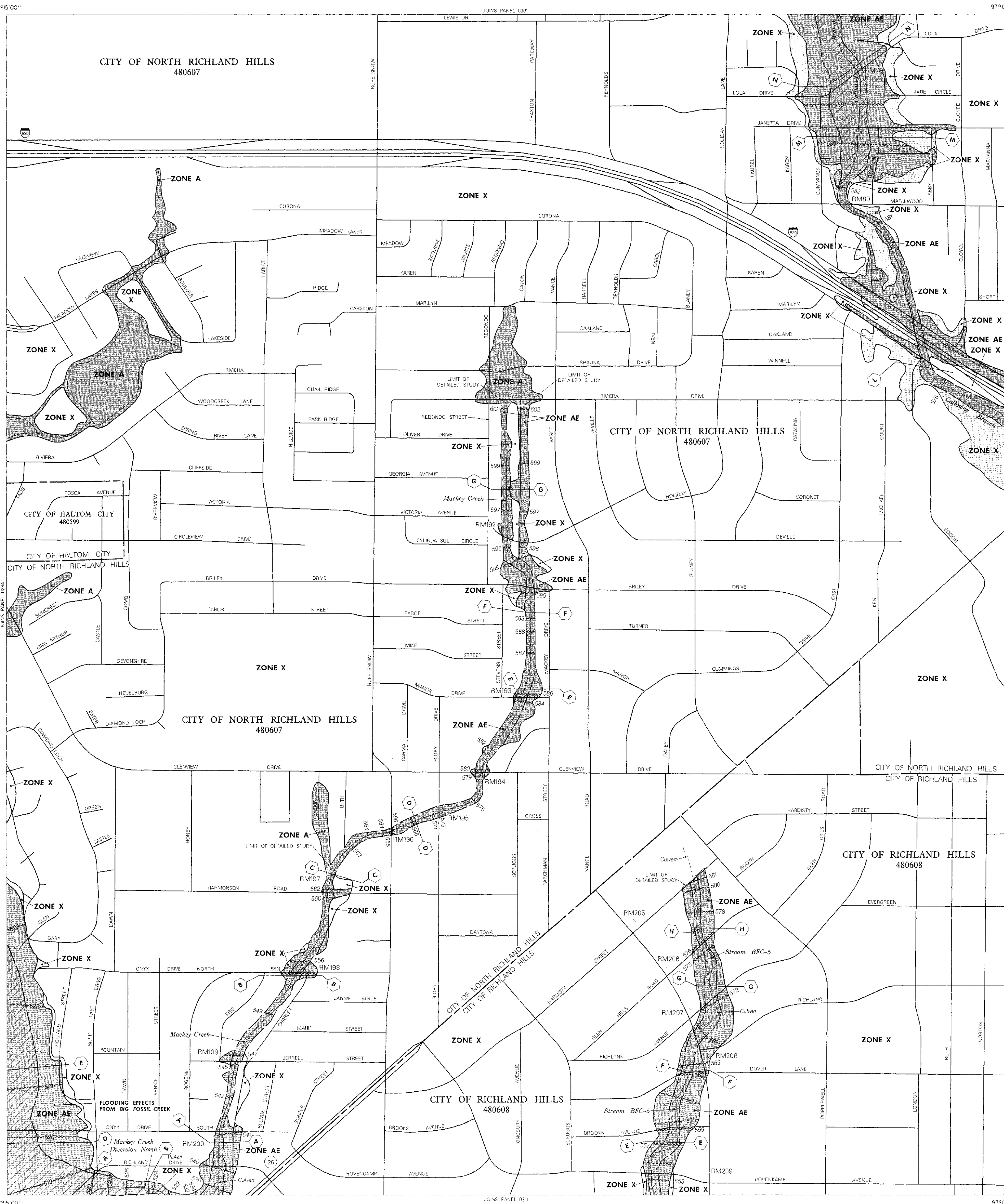


| ELEVATION REFERENCE MARKS | | |
|---------------------------|-----------------------|--|
| REFERENCE MARK | ELEVATION (FEET NGVD) | DESCRIPTION OF LOCATION |
| RM79 | 586.92 | Chiseled square on top of northeast corner of Lola Drive bridge over Calloway Branch |
| RM80 | 583.43 | Chiseled square on top of northeast corner of north headwall of Maplewood Avenue bridge over Calloway Branch |
| RM192 | 594.82 | Chiseled square on top of northwest corner of drop inlet on north side of Victoria Avenue, approximately 150 feet east of intersection of Victoria Avenue and Redondo Street |
| RM193 | 583.76 | Chiseled square on top of southeast corner of Manor Drive bridge over Mackey Creek, approximately 200 feet east of intersection of Glenview Drive and Morgan Circle |
| RM194 | 580.02 | Chiseled square on top of southeast corner of Glenview Drive bridge over Mackey Creek, approximately 250 feet west of intersection of Glenview Drive and Morgan Circle |
| RM195 | 572.74 | Chiseled square on top northeast end of Flory Street bridge over Mackey Creek |
| RM196 | 569.89 | Chiseled square on top of southeast corner of Rufe Snow Road bridge over Mackey Creek |
| RM197 | 563.01 | Chiseled square on top of southeast corner of culvert on south side of Harmonson Road bridge over Mackey Creek |
| RM198 | 552.58 | Chiseled square on top of northeast corner of Onyx Drive North bridge over Mackey Creek |
| RM199 | 544.36 | Chiseled square on top of northwest corner of culvert on north side of Jerrell Street over Mackey Creek |
| RM200 | 538.59 | Chiseled square on top of southwest corner of culvert on south side of Onyx Drive South over Mackey Creek |
| RM205 | 593.86 | NN in Tennessee stamped on top ring on fire hydrant, located at southeast corner of Hardisty Street and Vance Road intersection |
| RM206 | 582.76 | LL in Muller stamped on top ring on fire hydrant, located at southeast corner of Glen Hills Road and Vance Road intersection |
| RM207 | 572.06 | NN in Tennessee stamped on top ring on fire hydrant, located at southwest corner of Richlynn Terrace and Vance Road intersection |
| RM208 | 569.69 | NN in Tennessee stamped on top ring on fire hydrant, located at northeast corner of Dover Lane and Vance Road intersection |
| RM209 | 559.32 | Chiseled square on curb at southwest corner of Vance Road and Hovenkamp Avenue intersection |



LEGEND

SPECIAL FLOOD HAZARD AREAS (UNDATED BY 100-YEAR FLOOD)

- ZONE A** No base flood elevation determined
- ZONE AE** Base flood elevation 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 to flooding velocities also determined
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base elevations determined
- ZONE V** Coastal flood with velocity hazard (wave action); 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 of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile and areas protected by levees from 100-year flood

OTHER AREAS

- ZONE X** Areas determined to be outside 500-year floodway
- ZONE D** Areas in which flood hazards are undetermined

UNDEVELOPED COASTAL BARRIERS

- Identified 1983
- Identified 1990
- Otherwise Protected Areas

Coastal barrier areas are normally located within or adjacent to Special Flood Hazard Areas.

Flood Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones and Boundary Dividing Areas of Different Flood Categories Within Special Flood Hazard Zones

Base Flood Elevation Line
Elevation in feet. See Map Index for Elevation Datum.

Cross Section Line
Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM
River Mile
Horizontal Coordinates Based on North American Datum of 1983 (NAD 83)

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 planimetric features outside Special Flood Hazard Areas.

Coastal base flood elevations apply only to areas of 0.0 NGVD and include the effects of wave action; these elevations may also differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

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

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 hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

This map may incorporate approximate boundaries of Coastal Barrier Resources System Units and/or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (P.L. 101-601).

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.

For community map revision history prior to countywide mapping, see Section 8.3 of the Flood Insurance Study Report.

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

MAP REPOSITORY
Refer to Repository Listing on Map Index.

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP:
JANUARY 5, 1993

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
Map revision August 2, 1995 to update corporate limits to update roads and road names, to incorporate previously issued letters of map revision, and to incorporate previously issued letters of map amendment.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at (800) 638-6622.

APPROXIMATE SCALE IN FEET
0 500 500

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

TARRANT COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 303 OF 595
(SEE MAP INDEX FOR PANELS NOT PRINTED)

| CONTAINS COMMUNITY | NUMBER | PANEL | SUFFIX |
|------------------------------|--------|-------|--------|
| Haltom City, City of | 48499 | 013 | H |
| City of North Richland Hills | 48507 | 303 | H |
| Richland Hills City, Inc. | 48508 | 012 | H |

MAP NUMBER
48439C0303 H

MAP REVISED:
AUGUST 2, 1995

Federal Emergency Management Agency