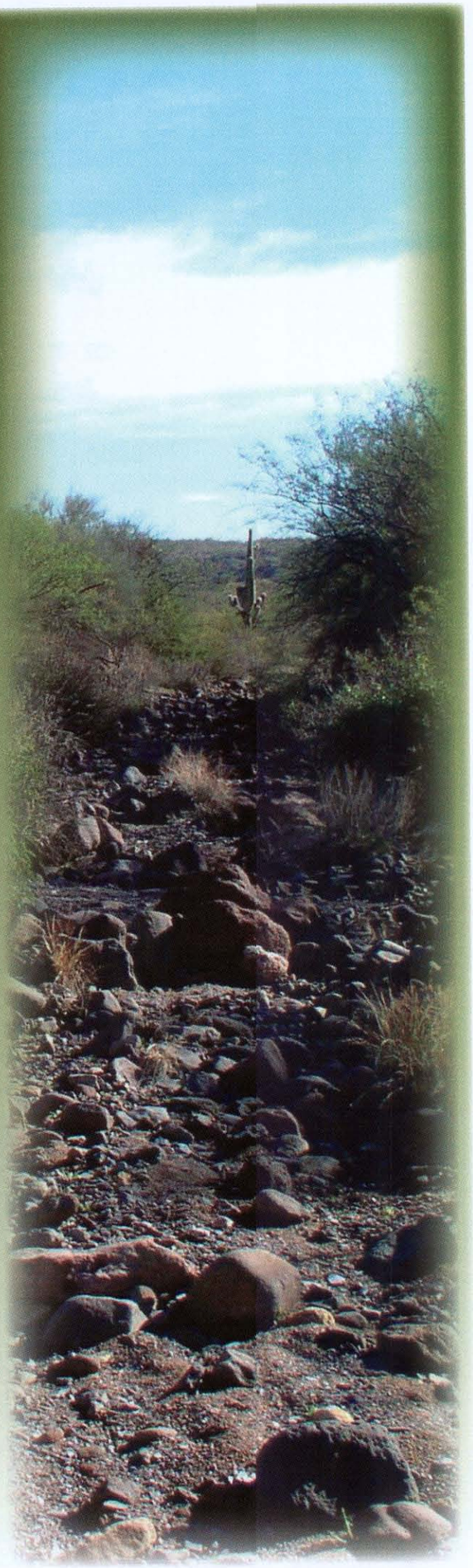
ADOBE DAM/DESERT HILLS

AREA DRAINAGE MASTER PLAN



Part 4

Floodplain Delineation Study of Portions of Cline Creek Tributary C6, Skunk Creek Tributaries 10A & 10B, Upper Skunk Tank Wash, East Fork Desert Lake Wash, and West Fork Apache Wash (Includes 5 Floodway Residences)

Volume 8

Flood Control District of Maricopa County

February 2005

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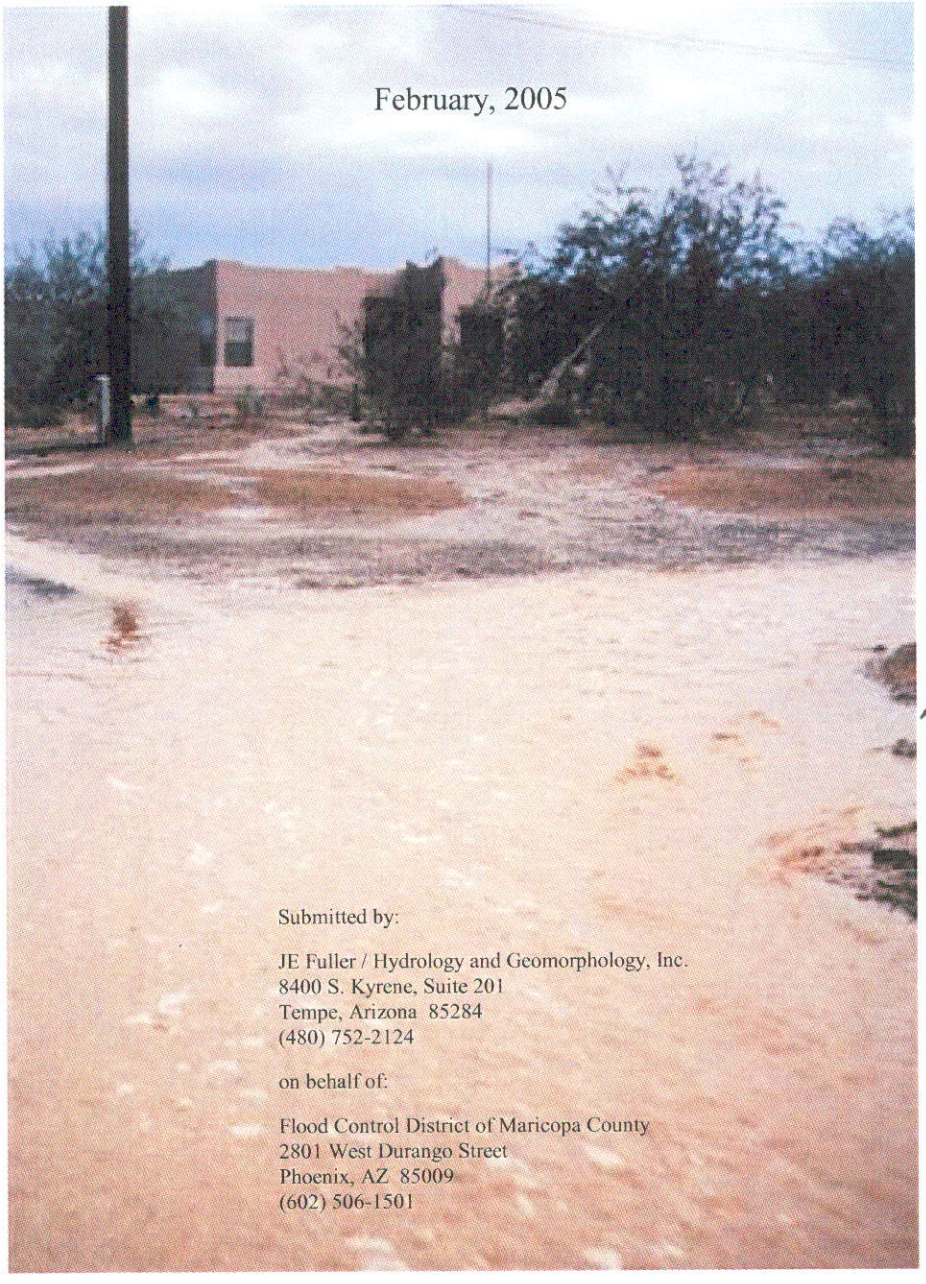
Flood Control District of MC Library
Please Return to
2801 W. Durango
Phoenix, AZ 85009

Flood Control District of Maricopa County, Arizona
FLOODPLAIN DELINEATION STUDY
OF PORTIONS OF
CLINE CREEK TRIBUTARY C6, SKUNK CREEK TRIBUTARY 10A, UPPER SKUNK TANK WASH, EAST FORK DESERT LAKE WASH AND WEST FORK APACHE WASH
(Includes 5 Floodway Residences)

ADOBE DAM / DESERT HILLS AREA DRAINAGE MASTER PLAN
FCD 2002C001

TECHNICAL DATA NOTEBOOK

VOLUME 8 (Exhibits)



February, 2005

Submitted by:

JE Fuller / Hydrology and Geomorphology, Inc.
8400 S. Kyrene, Suite 201
Tempe, Arizona 85284
(480) 752-2124

on behalf of:

Flood Control District of Maricopa County
2801 West Durango Street
Phoenix, AZ 85009
(602) 506-1501

Registered Professional Engineer (Civil)
CERTIFICATE NO.
29225
BRIAN R.
ISERMAN
Date Signed 2-28-05
ARIZONA U.S.A.

Brian R. Iserman

TABLE OF CONTENTS
EXHIBITS A and B
VOLUME 8 OF THE TDN

EXHIBITS

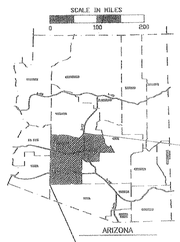
Exhibit A: Hydraulics Study Work Maps

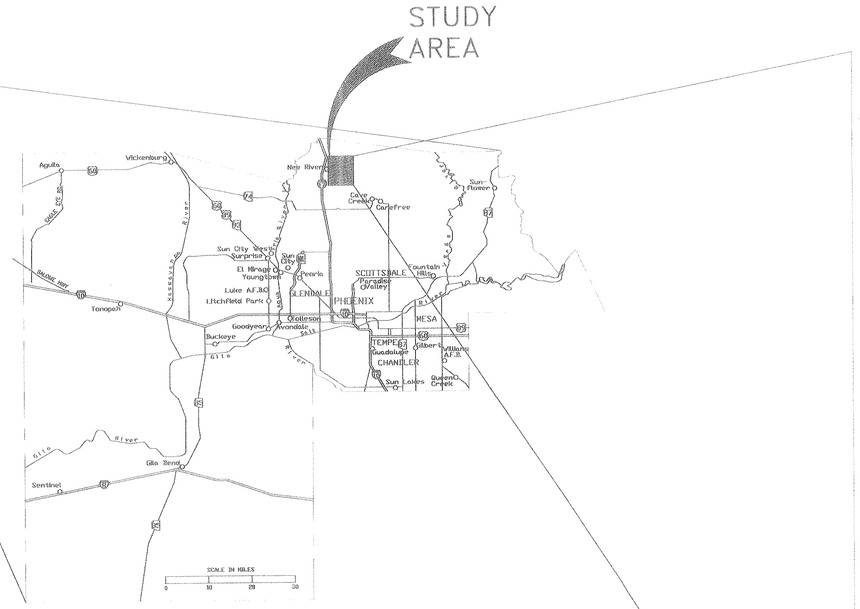
Exhibit B: Annotated Flood Insurance Rate Maps

EXHIBIT A
HYDRAULICS STUDY WORK MAPS

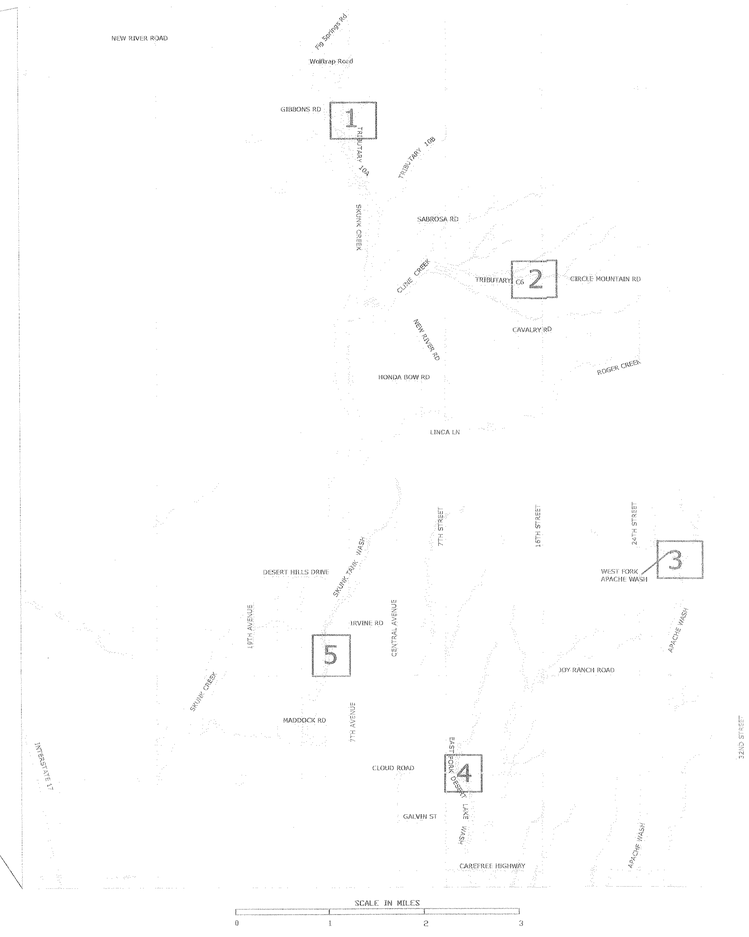
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF PORTIONS OF CLINE CREEK TRIBUTARY C6, SKUNK CREEK TRIBUTARY 10A, UPPER SKUNK TANK WASH EAST FORK DESERT LAKE WASH AND WEST FORK APACHE WASH ADOBE DAM / DESERT HILLS AREA DRAINAGE MASTER PLAN, FCD 2002C001





MARICOPA COUNTY



NOTES

1. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
2. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

STATEMENTS OF PROFESSIONAL REGISTRANT

THE DETAILED ZONE AE FLOODPLAIN AND FLOODWAY DELINEATIONS ON THE FOLLOWING 5 SHEETS WERE PREPARED UNDER MY DIRECT SUPERVISION USING HYDROLOGY PROVIDED BY THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY AND PREVIOUSLY APPROVED BY FEMA.

Registered Professional Engineer (Civil)
CERTIFICATE NO.
29325
BRIAN R. ISERMAN
Date Signed 10-4-05
ARIZONA U.S.A.

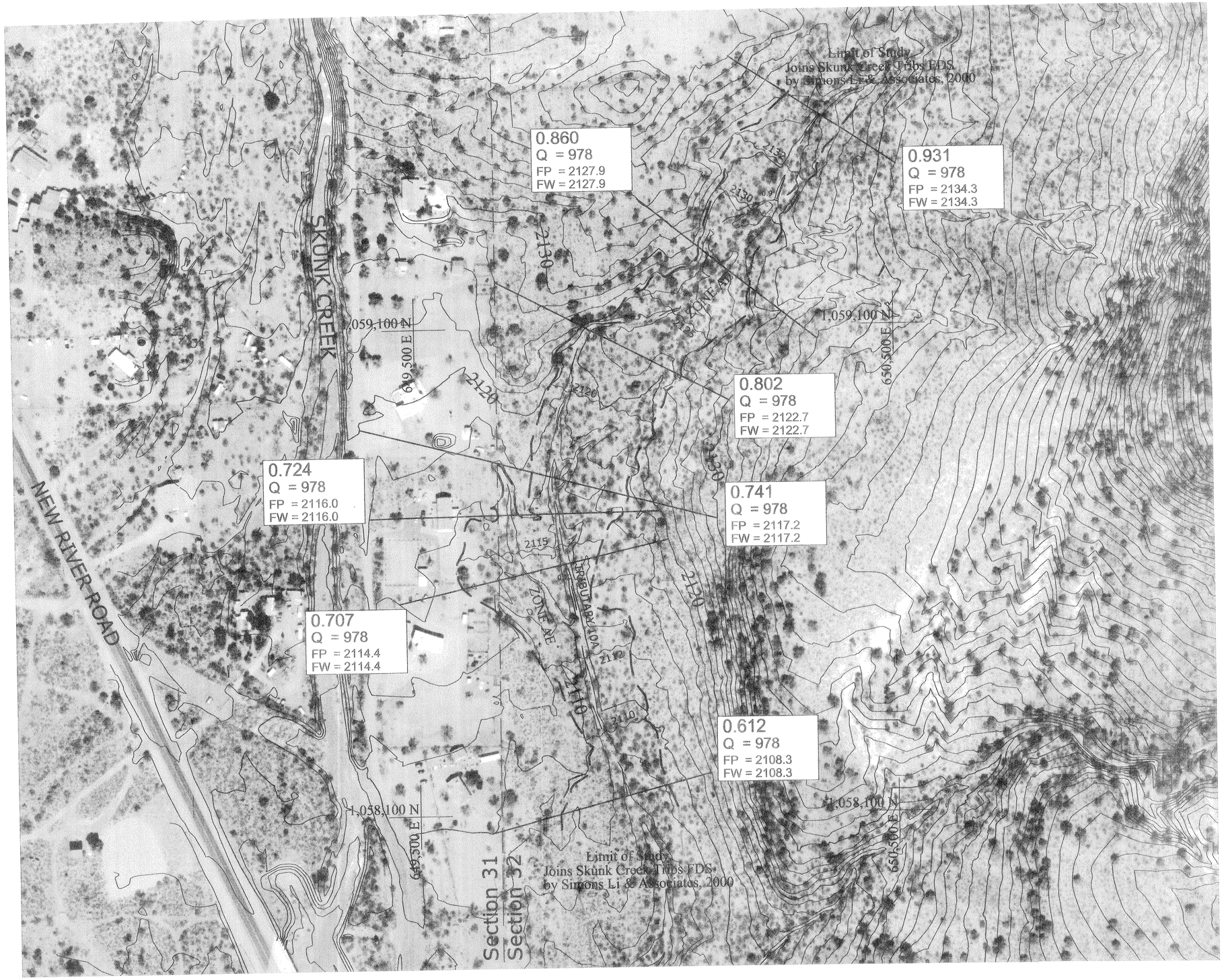
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

N

8400 S. Kyrene Road, Suite 201
Tempe, Arizona, 85281
480-752-2124

INDEX SHEET

February, 2005



LEGEND

100-YR FLOODPLAIN BOUNDARY

100-YR FLOODWAY

EFFECTIVE 100-YR FLOODPLAIN BOUNDARY

EFFECTIVE 100-YR FLOODWAY

BASE FLOOD ELEVATION

HYHRAULIC BASE LINE WITH RIVER MILE — 1.0

SECTION BOUNDARY

CROSS SECTION — 11.245 Q = 1430 cfs FP = 2185.7 FW = 2186.2

ZONE DESIGNATION — ZONE AE

CORPORATE LIMITS — Corporate Limits

COUNTY BOUNDARY — County Boundary

ELEVATION REFERENCE MARK — RM5

STATE PLANE COORDINATES — 1,046,800 N; 648,800 E

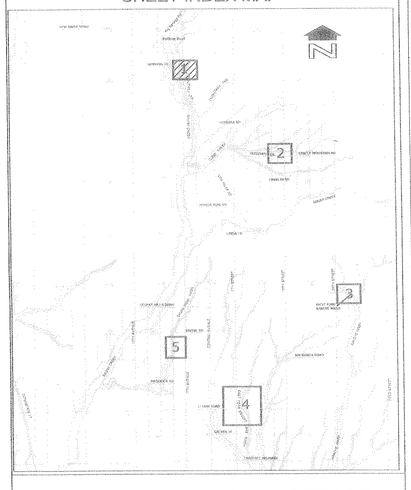
NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

ELEVATION REFERENCE MARKS

NONE ON THIS SHEET

SHEET INDEX MAP



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF

A PORTION OF SKUNK CREEK TRIBUTARY 10A

FCD 2002C001

ADOBE DAM/DESERT HILLS AREA DRAINAGE MASTER PLAN

February, 2005

SCALE IN FEET

100' 0' 100' 200'

CONTOUR INTERVAL = 2 FEET

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
8400 S. KYRENE ROAD, SUITE 201
TEMPE, ARIZONA 85284
PHONE: 480-752-2751
FAX: 480-892-2153

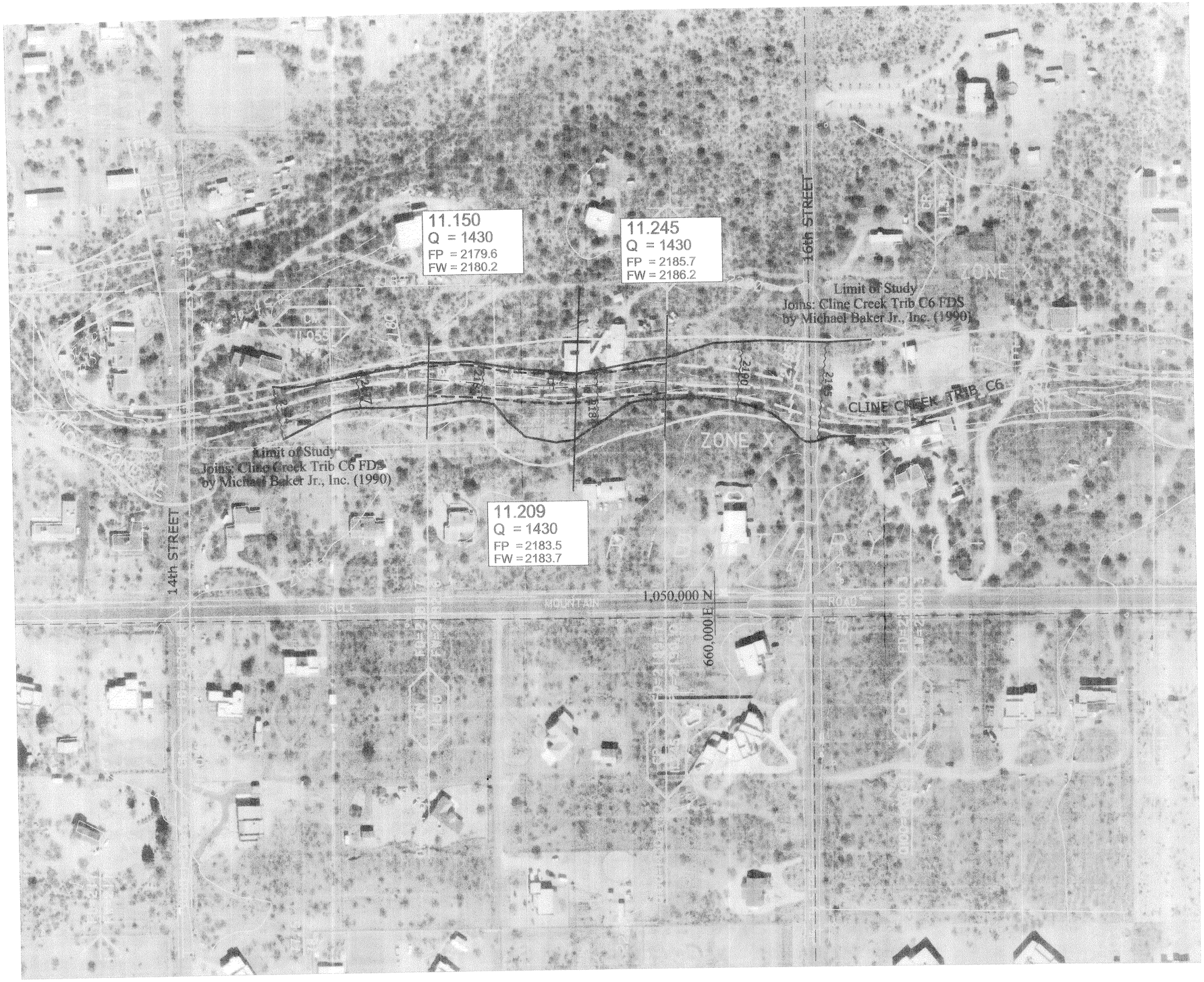
SHEET 1 OF 5

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 200' HORIZONTAL SCALE AND 2 'CONTOUR INTERVALS.

TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY KENNEY AERIAL MAPPING COMPANY, INC.. FLIGHT DATE: 12/01/1998

AERIAL PHOTOGRAPH FLIGHT DATE: 5/2/2002

GROUND CONTROL SURVEY DATA PROVIDED BY PROJECT ENGINEERING CONSULTANTS



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR FLOODWAY	
EFFECTIVE 100-YR FLOODPLAIN BOUNDARY	
EFFECTIVE 100-YR FLOODWAY	
BASE FLOOD ELEVATION	
HYHRAULIC BASE LINE WITH RIVER MILE	1.0
SECTION BOUNDARY	
CROSS SECTION	11.245 Q = 1430 cfs FP = 2185.7 FW = 2186.2
ZONE DESIGNATION	ZONE AE
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
ELEVATION REFERENCE MARK	RM5
STATE PLANE COORDINATES	1,046,800 N / 648,800 E

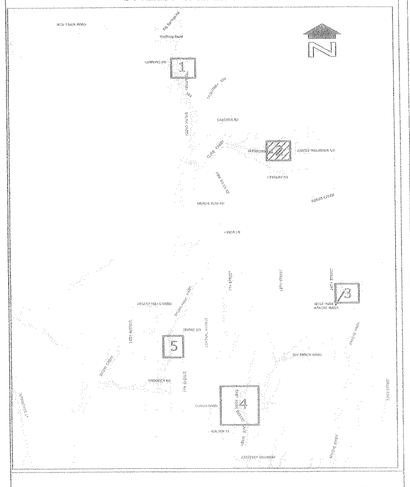
NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

ELEVATION REFERENCE MARKS

NONE ON THIS SHEET

SHEET INDEX MAP



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF

A PORTION OF CLINE CREEK TRIBUTARY C-6

FCD 2002C001
ADOBE DAM/DESERT HILLS
AREA DRAINAGE MASTER PLAN
February, 2005

Registered Professional Engineer (Civil) CERTIFICATE NO. 29325 BRIAN R. ISERMAN Date Signed 10-5-05 ARIZONA U.S.A.

SCALE IN FEET
100' 0' 100' 200'
CONTOUR INTERVAL = 4 FEET

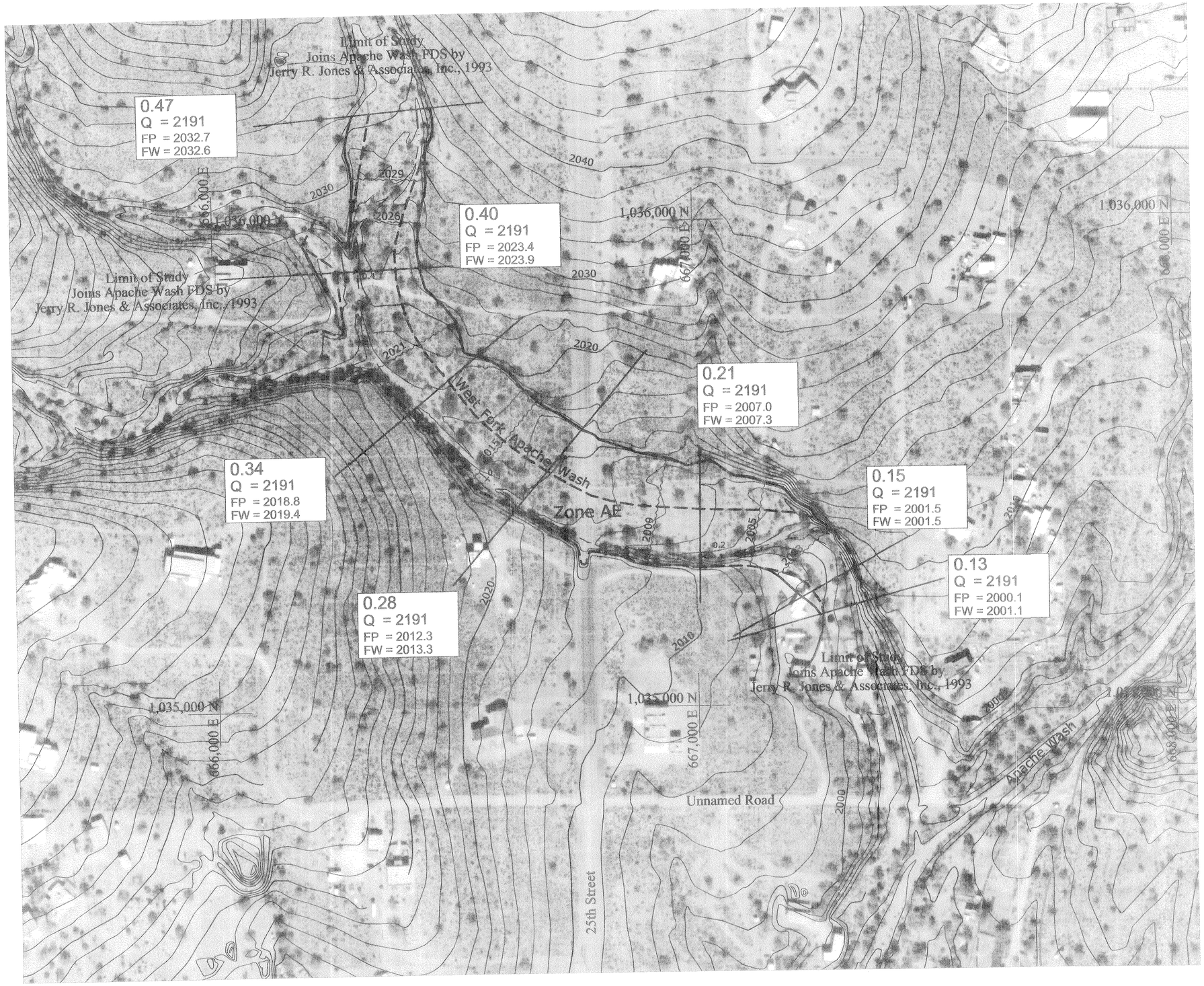
JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
5850 S. EVERGREEN ROAD, SUITE 201
TEMPE, ARIZONA 85283
PHONE: 480-730-2100
FAX: 480-839-2190

SHEET 2 OF 5

AERIAL PHOTO DATE = 5/2/02

TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY McLAIN HARBERS, CO. INC.. . FLIGHT DATE: 1989

GROUND CONTROL SURVEY DATA PROVIDED BY BAKER ENGINEERS



LEGEND

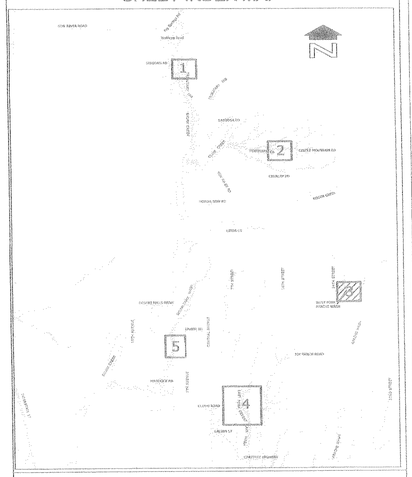
100-YR FLOODPLAIN BOUNDARY	
100-YR FLOODWAY	
EFFECTIVE 100-YR FLOODPLAIN BOUNDARY	
EFFECTIVE 100-YR FLOODWAY	
BASE FLOOD ELEVATION	
HYHRAULIC BASE LINE WITH RIVER MILE	1.0
SECTION BOUNDARY	
CROSS SECTION	0.40 Q = 2191 cfs FP = 2023.4 FW = 2023.9
ZONE DESIGNATION	ZONE AE
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
ELEVATION REFERENCE MARK	RM5
STATE PLANE COORDINATES	1,046,800 N 648,800 E

NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

ELEVATION REFERENCE MARKS

SHEET INDEX MAP



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF

A PORTION OF WEST FORK APACHE WASH

FCD 2002C001

ADOBE DAM/DESERT HILLS AREA DRAINAGE MASTER PLAN

February, 2005

SCALE IN FEET

100' 0' 100' 200'

CONTOUR INTERVAL = 2 FEET

CERTIFICATE NO. 29325 BRIAN R. ISERMAN 10-6-05

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.

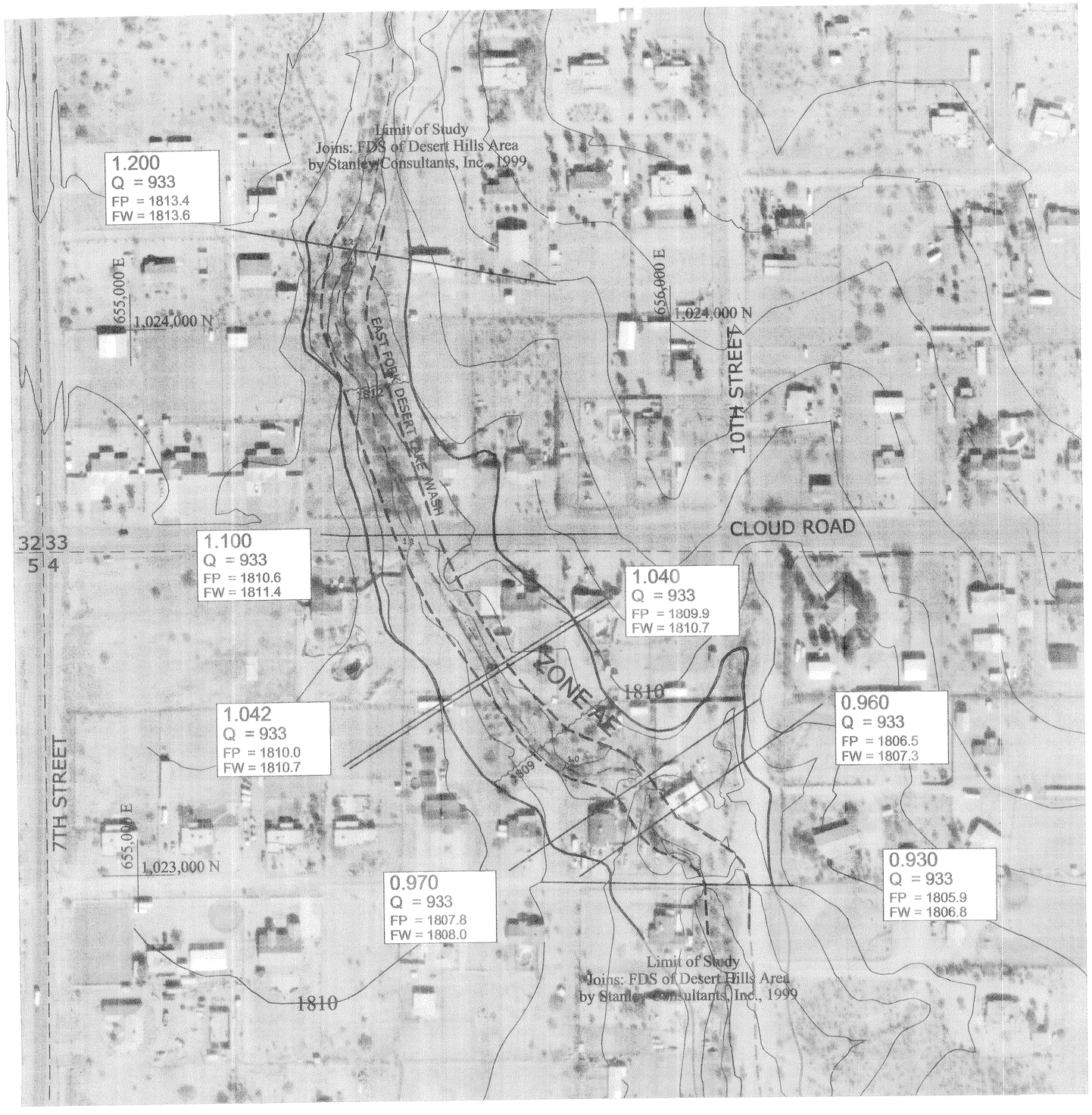
SHEET 3 OF 5

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 200' HORIZONTAL SCALE AND 2 'CONTOUR INTERVALS.

TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY KENNEY AERIAL MAPPING, FLIGHT DATE: 1992

AERIAL PHOTOGRAPH FLIGHT DATE: 5/2/2002

GROUND CONTROL SURVEY DATA PROVIDED BY McEWEN GLOBAL POSITIONING SYSTEMS INC.



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR FLOODWAY	
EFFECTIVE 100-YR FLOODPLAIN BOUNDARY	
EFFECTIVE 100-YR FLOODWAY	
BASE FLOOD ELEVATION	
HYHRAULIC BASE LINE WITH RIVER MILE	1.0
SECTION BOUNDARY	
CROSS SECTION	2.47 Q = 1430 cfs FP = 2185.7 FW = 2186.2
ZONE DESIGNATION	ZONE AE
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
ELEVATION REFERENCE MARK	RM5
STATE PLANE COORDINATES	1,046,800 N 648,800 E

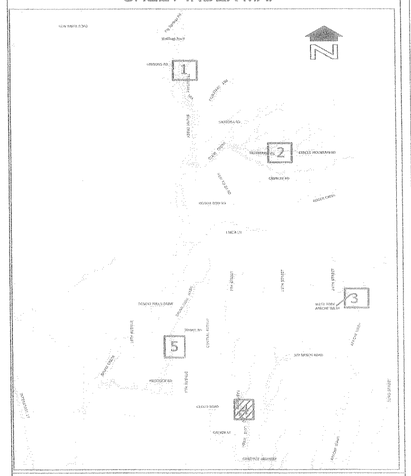
NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

ELEVATION REFERENCE MARKS

None on This Sheet

SHEET INDEX MAP



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF

A PORTION OF EAST FORK DESERT LAKE WASH

FCD 2002C001
ADOBE DAM/DESERT HILLS
AREA DRAINAGE MASTER PLAN
February, 2005

Registered Professional Engineer (Civil)
CERTIFICATE NO. 29325
BRIAN R. ISERMAN
Date Signed 10-6-05
ARIZONA, U.S.A.

SCALE IN FEET
100' 0' 100' 200'
CONTOUR INTERVAL = 2 FEET

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.
8400 S. KYRENE ROAD, SUITE 201
TEMPE, ARIZONA 85284
PHONE: 480-752-7124
FAX: 480-839-2493

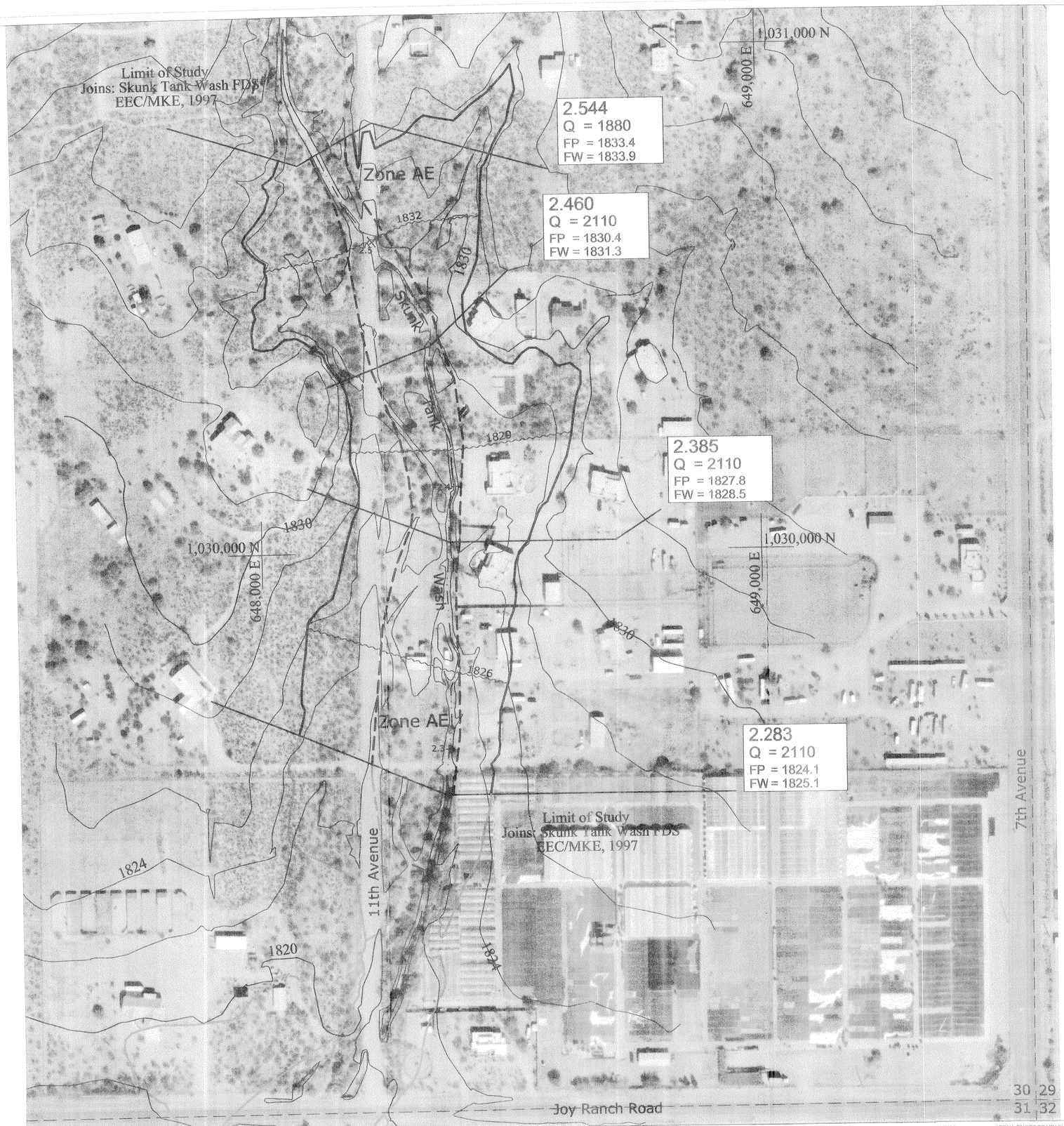
SHEET 4 OF 5

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 200' HORIZONTAL SCALE AND 2 'CONTOUR INTERVALS.

TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY COOPER AERIAL SURVEY, FLIGHT DATE: 3/20/1997

AERIAL PHOTOGRAPH FLIGHT DATE: 5/2/2002

GROUND CONTROL SURVEY DATA PROVIDED BY PROJECT ENGINEERING CONSULTANTS, LTD



LEGEND

100-YR FLOODPLAIN BOUNDARY	
100-YR FLOODWAY	
EFFECTIVE 100-YR FLOODPLAIN BOUNDARY	
EFFECTIVE 100-YR FLOODWAY	
BASE FLOOD ELEVATION	
HYHRAULIC BASE LINE WITH RIVER MILE	1.0
SECTION BOUNDARY	
CROSS SECTION	11.245 Q = 1430 cfs FP = 2185.7 FW = 2186.2
ZONE DESIGNATION	ZONE AE
CORPORATE LIMITS	Corporate Limits
COUNTY BOUNDARY	County Boundary
ELEVATION REFERENCE MARK	RM5
STATE PLANE COORDINATES	1,046,800 N 648,800 E

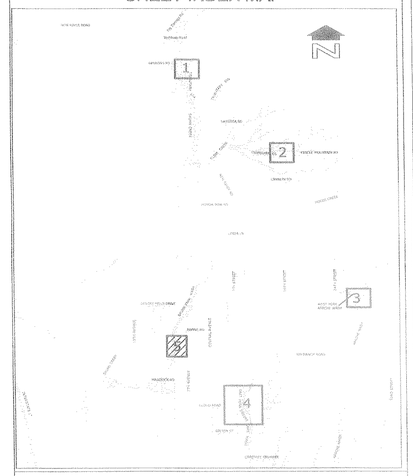
NOTES

1. SECTION BOUNDARIES PROVIDED BY FCDMC
2. HORIZONTAL PROJECTION IS ARIZONA STATE PLANE, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983.
3. ALL ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1929.

ELEVATION REFERENCE MARKS

None on This Sheet

SHEET INDEX MAP



FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

FLOODPLAIN DELINEATION STUDY OF

A PORTION OF SKUNK TANK WASH

FCD 2002C001

ADOBE DAM/DESERT HILLS AREA DRAINAGE MASTER PLAN

February, 2005

Registered Professional Engineer (Civil) CERTIFICATE NO. 29325 BRIAN R. ISERMAN Date Signed 10-6-05 ARIZONA, U.S.A.

SCALE IN FEET

100' 0' 100' 200'

CONTOUR INTERVAL = 2 FEET

JE FULLER HYDROLOGY & GEOMORPHOLOGY, INC.

SHEET 5 OF 5

THIS MAP WAS PREPARED BY PHOTOGRAMMETRIC METHODS TO NATIONAL MAP ACCURACY STANDARDS FOR 1"= 200' HORIZONTAL SCALE AND 2 'CONTOUR INTERVALS.

TOPOGRAPHIC DATA PROVIDED TO THE FLOOD CONTROL DISTRICT OF MARICOPA COUNTY BY AERIAL MAPPING COMPANY. FLIGHT DATE: 12/18/1996

AERIAL PHOTOGRAPH FLIGHT DATE: 5/2/2002

GROUND CONTROL SURVEY DATA PROVIDED BY ALS

EXHIBIT B
ANNOTATED FLOOD INSURANCE RATE MAPS

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM166	2103.76	Centerline intersection near center of section 7, T6N, R3E.
RM167	2151.43	Top concrete base for west leg of Tower No. 201-1.
RM168	2071.48	Southwest corner concrete sidewalks at entrance to church on east side of New River and Mano Roads.
RM169	2149.68	U.S. Geological Survey brass cap on north side of New River Road and west of dirt road northeast, marked 2HRP.
RM1115	2093.02	Beginning at intersection of New River and Circle Mountain Roads, thence 0.46 mile east on Circle Mountain Road to ERM 7, a -inch rebar set in concrete, 27.0 feet north of centerline of Circle Mountain Road and 3.0 feet west of power pole marked ERM #7.
RM3376	2038.52	2-1/2 inch brass cap, U.S. General Land Office, T6N, R3E, Section 6, Section 5, Section 7, Section 8, 1.2 feet+- above natural ground.
RM3377	2111.51	2-1/2 inch brass cap, Maricopa County Highway Department at New Creek bridge on top of west barrier wall, 21.9 +- from south end of barrier wall.

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED 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 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 A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations 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 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 floodplain.

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.

Floodplain Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.

D — D — Cross Section Line

(EL 987) — Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM7 × — Elevation Reference Mark

● M2 — River Mile

97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

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. The community map repository should be consulted for more detailed data on BFE's, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

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. Refer to Floodway Data Table where floodway width is shown at 1/20 inch.

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 Barrier Resource System Units and/or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-591).

For community map revision history prior to countywide mapping, see Section 6.0 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:
APRIL 15, 1988

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
DECEMBER 3, 1993

Map revised July 19, 2001 to update corporate limits, to change base flood elevations, to add base flood elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

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

N

APPROXIMATE SCALE IN FEET
1000 0 1000

LEGEND

Proposed 100-Year Floodplain Limit

Proposed 100-Year Floodway Limit

Floodplain Delineation Study of Upper Skunk Creek & Tributaries
Adobe Dam/Desert Hills ADMP

ANNOTATED FIRM PANEL

JE Fuller Hydrology & Geomorphology, Inc. February, 2005

LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

ERM elevations listed on this map were obtained under developed to establish vertical control for determination of flood elevations and floodplain boundaries portrayed on this map. Users should be aware that these ERM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geodetic Survey (NGS) ERMs shown on this map, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit their website at www.ngs.noaa.gov. Map users should seek verification of non-NGS ERM monument elevations when using these elevations for construction or floodplain management purposes.

Coastal BFE's shown on this map may apply only landward of 0.0 NGVD. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 390 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
MARICOPA COUNTY, UNINCORPORATED AREAS	040037	0390	F

ANNOTATED FIRM PANEL

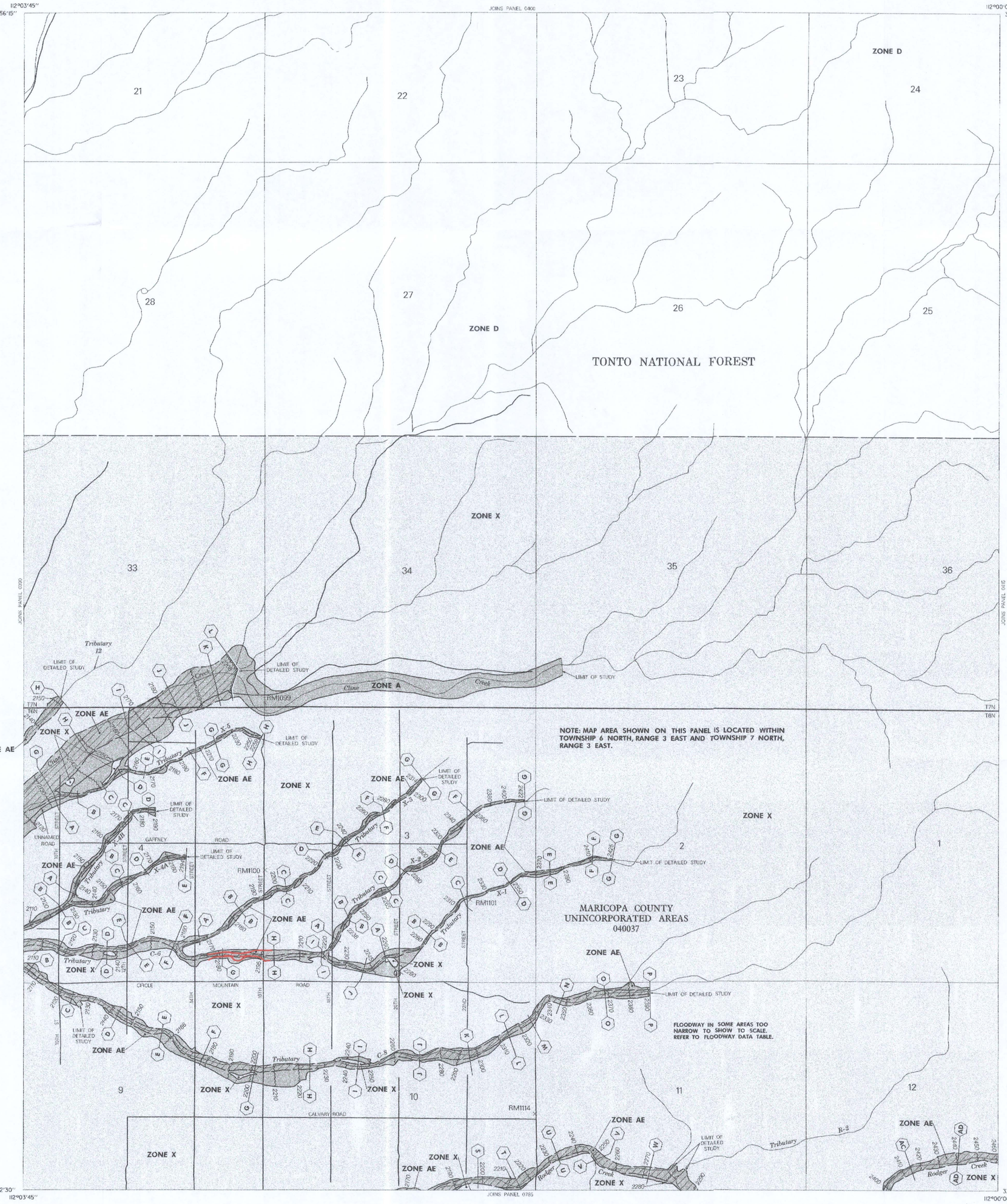
MAP NUMBER
04013C0390 F

MAP REVISED:
JULY 19, 2001

Federal Emergency Management Agency

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM1099	2219.30	Beginning at Point C, thence 1.55 miles east on Circle Mountain Road to 16th Street, thence 1.00 mile north on 16th Street to where 16th Street ends, thence approximately 280 feet north of 16th Street to point on a 4-foot barbed wire fence running east and west, ERM #8, a GLO brass cap on 2-inch iron pipe at fence, 1.00 foot above natural ground, section corner of sections 33, 34, 3, and 4, 1922.
RM1100	2228.12	Beginning at Point C, thence 1.55 miles east on Circle Mountain Road to 16th Street, thence 0.40 mile north on 16th Street to ERM 9, a -inch rebar set in concrete 30 feet east of centerline of 16th Street, 6 feet west of power pole, marked ERM #9.
RM1101	2327.09	Beginning at Point C, thence 2.32 miles east on Circle Mountain Road to 22nd Street, thence 0.28 mile north on 22nd Street to ERM 10, a -inch rebar set in concrete, approximately 15 feet east of centerline of 22nd Street, 2 feet south of power pole and at the northeast corner of private driveway entrance, marked ERM #10.
RM1114	2329.27	A -inch rebar set in concrete 3 feet west of barbed wire fence, 1.05 miles east of 16th Street on Calvary Road.



LEGEND

Proposed 100-Year Floodplain Limit

Proposed 100-Year Floodway Limit

Floodplain Delineation Study of Upper Skunk Creek & Tributaries
Adobe Dam/Desert Hills ADMP

ANNOTATED FIRM PANEL

JE Fuller Hydrology & Geomorphology, Inc. February, 2005

LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

ERM elevations listed on this map were obtained and/or developed to establish vertical control for determination of flood elevations and floodplain boundaries portrayed on this map. Users should be aware that these ERM elevations may have changed since the publication of this map. To obtain up-to-date elevation information on National Geodetic Survey (NGS) ERMs shown on this map, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit their website at www.ngs.noaa.gov. Map users should seek verification of non-NGS ERM monument elevations when using these elevations for construction or floodplain management purposes.

Coastal BFE's shown on this map apply only landward of 0.0' NGVD. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED 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 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 A99** To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations 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 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 floodplain.
- **ZONE D** Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

Identified 1981 | Identified 1990 | Otherwise Protected Areas

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

Floodplain Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.

D — D — Cross Section Line

(EL 987) — Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM7 × — Elevation Reference Mark

● M2 — River Mile

97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

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. The community map repository should be consulted for more detailed data on BFEs, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

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. Refer to Floodway Data Table where floodway width is shown at 1/20 inch.

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 Barrier Resource System Units and/or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-636).

For community map revision history prior to countywide mapping, see Section 6.0 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:
APRIL 15, 1988

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
SEPTEMBER 26, 1988, DECEMBER 3, 1993

Map remaid July 19, 2001 to update corporate limits, to change base flood elevations, to add base flood elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at 1800) 638-6620.

APPROXIMATE SCALE IN FEET
1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 395 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
MARICOPA COUNTY, UNINCORPORATED AREAS	040037	0395	G

ANNOTATED FIRM PANEL

MAP NUMBER
04013C0395 G

MAP REVISED:
JULY 19, 2001

Federal Emergency Management Agency

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM153	1758.88	Government Land Office brass cap at east quarter corner of section 35, T6N, R2E.
RM154	1795.40	Government Land Office brass cap at west quarter corner of section 31, T6N, R3E.
RM155	1813.95	Government Land Office brass cap at northwest corner of section 31, T6N, R3E.
RM156	1807.61	Top rock painted yellow at southeast corner of intersection of 27th Avenue and Irvine Road.
RM157	1817.44	Government Land Office brass cap at northwest corner of section 25, T6N, R2E.
RM158	1841.83	Government Land Office brass cap at north quarter corner of section 25, T6N, R2E.
RM159	1857.45	Government Land Office brass cap at northwest corner of section 30, T6N, R3E.
RM161	1890.67	Centerline 7th Avenue and road east near the east quarter corner of section 19, T6N, R3E.
RM162	1939.35	Centerline intersection 0.25 mile east of the northwest corner of section 20, T6N, R3E.
RM163	1922.78	Top rock painted yellow south of fork in road; road east and northeast near the quarter corner of section 19, T6N, R3E.
RM164	1980.67	Centerline intersection near center of section 18, T6N, R3E.
RM165	1979.79	Centerline intersection near northeast corner of section 17, T6N, R3E.
RM1111	1999.65	A -inch rebar set in concrete, 25.5 feet west of centerline 0.33 mile south of Honda Bow Road on 7th Street.
RM3162	1824.56	Brass cap stamped U.S. Government Land Office at east quarter corner of section 23, T6N, R2E.
RM3163	1899.66	Brass cap stamped U.S. Government Land Office at north quarter corner of section 24, T6N, R2E.
RM3375	1731.88	2 - 1/2 inch brass cap, 1933 U.S. General Land Office Survey, T6N R2E, Sectio 35, Section 2, Section 1, W.C., T5N, R2E, 0.8+- above nautral ground

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED 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 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 A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations 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 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 floodplain.

ZONE D Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIERS

Identified (1982) — Identified (1990) — Otherwise Protected Areas

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

Floodplain Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations within Special Flood Hazard Zones.

513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.

D — Cross Section Line

(EL 987) — Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM7 — Elevation Reference Mark

M2 — River Mile

97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

NOTES

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Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

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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. Refer to Floodway Data Table where floodway width is shown at 120 inch.

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 Barrier Resource System Units and for Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-591).

For community map revision history prior to countywide mapping, see Section 6.0 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
APRIL 16, 1998

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
DECEMBER 3, 1993, SEPTEMBER 30, 1995

Map revised July 19, 2001 to update corporate limits, to change base flood elevations, to add base flood elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

To determine if flood insurance is available, contact an insurance agent or call the National Flood Insurance Program at 800-638-6620.

APPROXIMATE SCALE IN FEET
1000 0 1000

LEGEND

Proposed 100-Year Floodplain Limit

Proposed 100-Year Floodway Limit

Floodplain Delineation Study of Upper Skunk Creek & Tributaries
Adobe Dam/Desert Hills ADMP

ANNOTATED FIRM PANEL

JE Fuller Hydrology & Geomorphology, Inc. February, 2005

LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and therefore may not exactly reflect the flood elevation data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

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Coastal BFEs shown on this map may apply only landward of 0.0 NGVD. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 780 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
MARICOPA COUNTY UNINCORPORATED AREAS	040037	0780	G
PHOENIX, CITY OF	040051	0780	G

ANNOTATED FIRM PANEL

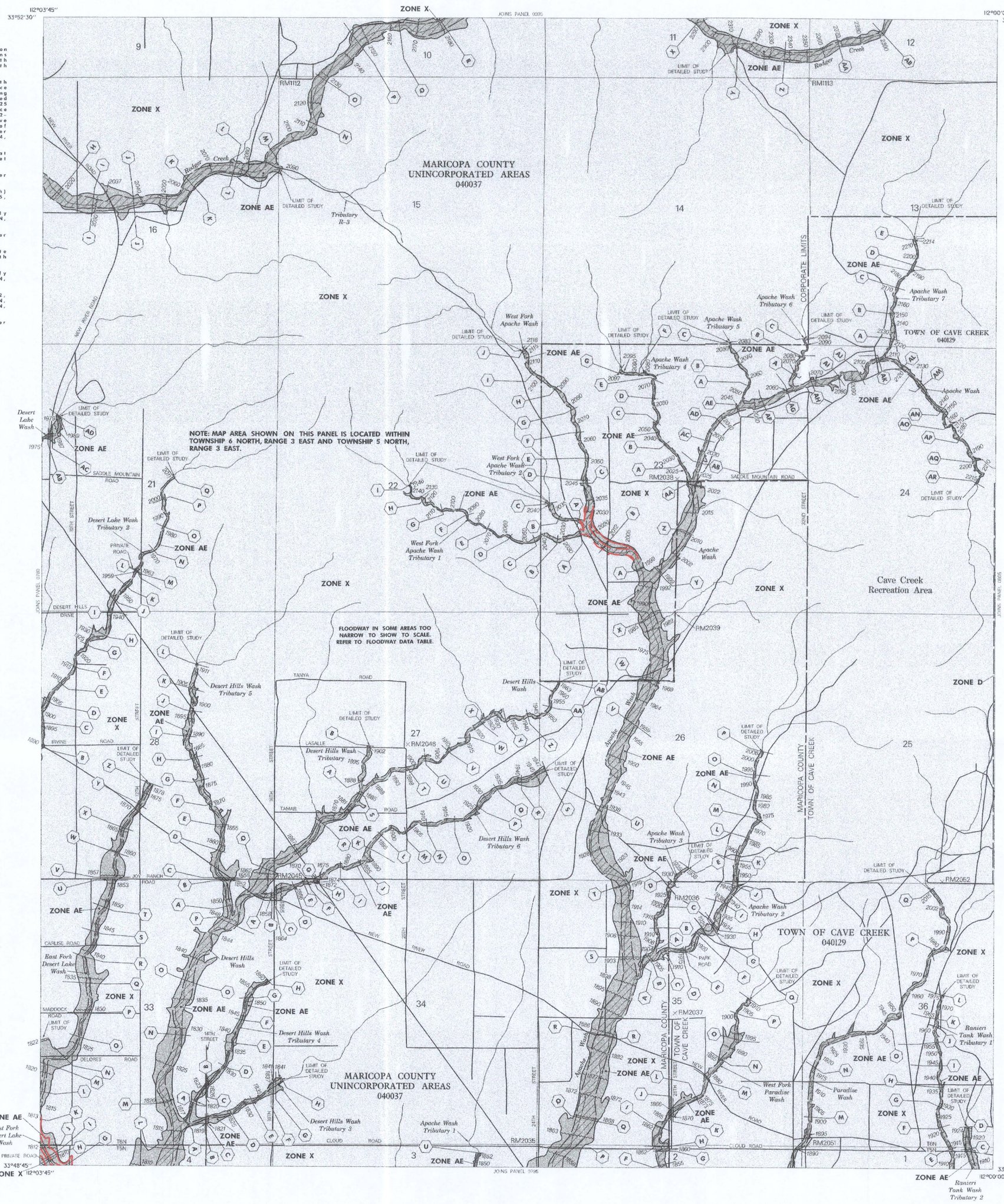
MAP NUMBER
04013C0780 G

MAP REVISED:
JULY 19, 2001

Federal Emergency Management Agency

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM1112	2141.98	U.S. GLO brass cap on 2-inch iron pipe, section corner for sections 9, 10, 15, and 16, 1.0 mile south of Circle Mountain Road on 16th Street.
RM1113	2363.72	From ERM 4, proceed 0.01 mile north to barbed wire fence gate, thence proceed 1.49 miles east along winding road to a 4-foot barbed wire fence and gate, thence 0.25 mile north along barbed wire fence to ERM 5, U.S. GLO brass cap on 2-inch iron pipe 1.4 feet above natural ground and 6 feet west of barbed wire fence, section corner of sections 11, 12, 13, and 14, 1922.
RM2035	1862.46	PK nail with straddles at centerline intersection 24th Street and Cloud Road.
RM2036	1931.56	Top of GLO brass cap, 1922, quarter sections 26 and 35, T6N, R3E.
RM2037	1906.10	Top of 1-inch iron rebar (flush) possibly center quarter section 35, T6N, R3E.
RM2038	2030.59	Top of 1-inch iron pipe possibly center quarter section 23, T6N, R3E.
RM2039	1996.35	Top of GLO brass cap, 1922, quarter sections 23 and 26, T6N, R3E.
RM2045	1861.04	Chiseled "" on west end concrete headwall at northwest corner 16th Street and Joy Ranch Road.
RM2046	1910.74	Top of 1-inch iron pipe possibly center quarter section 27, T6N, R3E.
RM2051	1901.85	Top of GLO brass cap, dated 1922, corners of sections 35 and 36, T6N, R3E, and sections 1 and 2, T5N, R3E.
RM2052	2037.22	Top of GLO brass cap, 1922, quarter sections 25 and 36, T6N, R3E.



LEGEND

Proposed 100-Year Floodplain Limit

Proposed 100-Year Floodway Limit

Floodplain Delineation Study of Upper Skunk Creek & Tributaries
Adobe Dam/Desert Hills ADMP

ANNOTATED FIRM PANEL

JE Fuller Hydrology & Geomorphology, Inc. February, 2005

LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFEs)and /or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and, therefore, may not exactly reflect the flood elevation data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and /or floodplain management.

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LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED 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 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 A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations 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 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 floodplain.

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.

Floodplain Boundary

Floodway Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.

D — D — Cross Section Line

(EL 987) — Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM7 × — Elevation Reference Mark

● M2 — River Mile

97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

NOTES

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Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE, and V1-V30.

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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 width in some areas may be too narrow to show to scale. Refer to Floodway Data Table where floodway width is shown at 120 inch.

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.

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For community map revision history prior to countywide mapping, see Section 6.0 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:
APRIL 16, 1983

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
SEPTEMBER 29, 1988, DECEMBER 3, 1993, SEPTEMBER 30, 1996

Map revised July 19, 2001 to update corporate limits, to change base flood elevations, to add base flood elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

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APPROXIMATE SCALE IN FEET
1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY,
ARIZONA AND
INCORPORATED AREAS

PANEL 785 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
CAVE CREEK, TOWN OF	040129	0785	H
MARICOPA COUNTY UNINCORPORATED AREAS	040037	0785	H

ANNOTATED FIRM PANEL

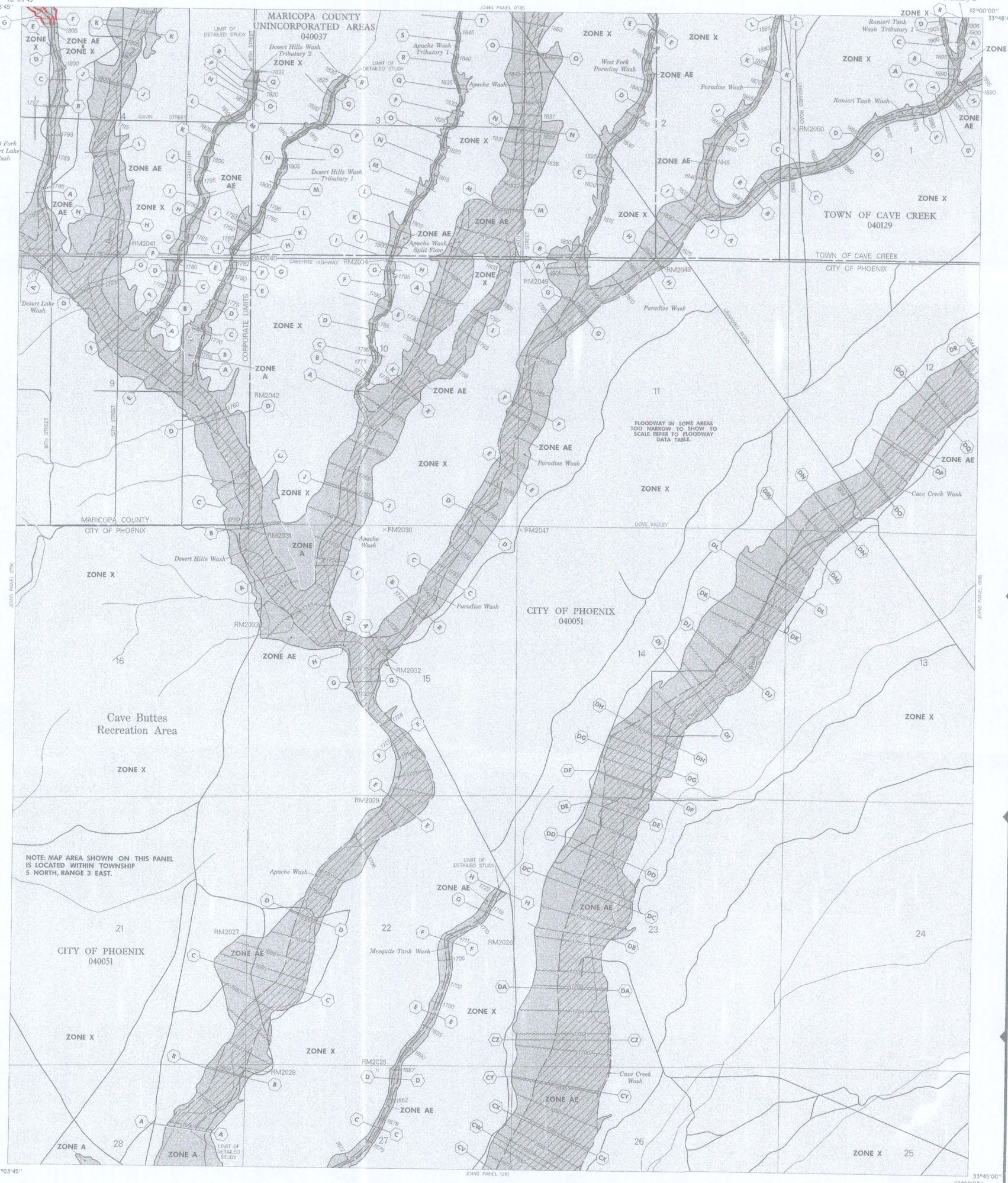
MAP NUMBER
04013C0785 H

MAP REVISED:
JULY 19, 2001

Federal Emergency Management Agency

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FEET NGVD)	DESCRIPTION OF LOCATION
RM2025	1688.05	Top of stone quarter sections 22 and 27, T5N, R3E.
RM2026	1720.90	Top of 1-inch iron pipe with cap M. Wier LS 7247, 7 feet west of fence, east quarter section 22, T5N, R3E.
RM2027	1690.81	Top of stone west quarter section 22, T5N, R3E.
RM2028	1667.60	Top of stone northeast corner section 28, T5N, R3E.
RM2029	1713.66	Top of stone south quarter section 15, T5N, R3E.
RM2030	1769.13	Top of +-inch iron rebar near north quarter section 15, T5N, R3E, set 6/90 for aerial control, 9.4 feet north of barbed wire fence.
RM2031	1746.73	Top of 2-inch brass cap HORNOR LS 14187, northwest section 15, T5N, R3E.
RM2032	1737.36	Top of +-inch iron rebar near center quarter section 15, T5N, R3E, set 6/90 for aerial control.
RM2033	1743.76	Top of +-inch iron rebar near east quarter section 16, T5N, R3E, set 6/90 for aerial control, 85 feet east of east edge of dirt road.
RM2034	1798.98	Top of -inch iron rebar in pothole 20th Street and Carefree Highway.
RM2040	1788.23	Top of railroad spike flush 16th Street at north side Carefree Highway.
RM2041	1778.51	Maricopa County Highway Department brass cap in handhole 12th Street and Carefree Highway.
RM2042	1764.74	Top of stone east quarter section 9, T5N, R3E.
RM2047	1785.12	Top of +-inch iron rebar near northeast quarter section 15, T5N, R3E, set 6/90 for aerial control, 18.0 feet east of northeast corner fence.
RM2048	1818.71	Maricopa County Highway Department brass cap in handhole north quarter section 11, T5N, R3E.
RM2049	1807.60	Maricopa County Highway Department brass cap in handhole 24th Street and Carefree Highway.
RM2050	1867.78	Top of +-inch iron rebar possibly east quarter section 2, T5N, R3E.



LEGEND

Proposed 100-Year Floodplain Limit

Proposed 100-Year Floodway Limit

Floodplain Delineation Study of Upper Skunk Creek & Tributaries
Adobe Dam/Desert Hills ADMP

ANNOTATED FIRM PANEL

JE Fuller Hydrology & Geomorphology, Inc. February, 2005

LEGEND

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations and, therefore may not exactly reflect the flood elevation data presented in the FIS. BFEs shown on the FIRM are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

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Coastal BFEs shown on this map may apply only landward of 0.0' NGVD. Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this community. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED 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 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 A99 To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations 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 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 floodplain.

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.

Floodway Boundary

Flood Zone Boundary

Zone D Boundary

Boundary Dividing Special Flood Hazard Zones and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

513 — Base Flood Elevation Line; Elevation in Feet. See Map Index for Elevation Datum.

D — D — Cross Section Line

(EL 967) — Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.

RM7 × — Elevation Reference Mark

● M2 — River Mile

97°07'30", 32°22'30" — Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

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. The community map repository should be consulted for more detailed data on BFEs, and for any information on floodway delineations, prior to use of this map for property purchase or construction purposes.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, A1-A30, AH, AO, A99, V, VE and V1-V30.

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. Refer to Floodway Data Table where floodway width is shown at 120 inch.

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 Barrier Resource System Units and /or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-591).

For community map revision history prior to countywide mapping, see Section 6.0 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:
APRIL 15, 1988

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:
SEPTEMBER 29, 1989 SEPTEMBER 30, 1995

Map revised July 19, 2001 to update corporate limits to change base flood elevations, to add base flood elevations, to add Special Flood Hazard Areas, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

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

APPROXIMATE SCALE IN FEET
1000 0 1000

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS

PANEL 795 OF 4350
(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS: COMMUNITY	NUMBER	PANEL	SUFFIX
CAVE CREEK, TOWN OF	040129	0795	G
MARICOPA COUNTY, UNINCORPORATE AREAS	040037	0795	G
PHOENIX, CITY OF	040051	0795	G

ANNOTATED FIRM PANEL

MAP NUMBER
04013C0795 G

MAP REVISED:
JULY 19, 2001

Federal Emergency Management Agency