

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR
TRIBUTARIES TO SKUNK CREEK
VOLUME 2

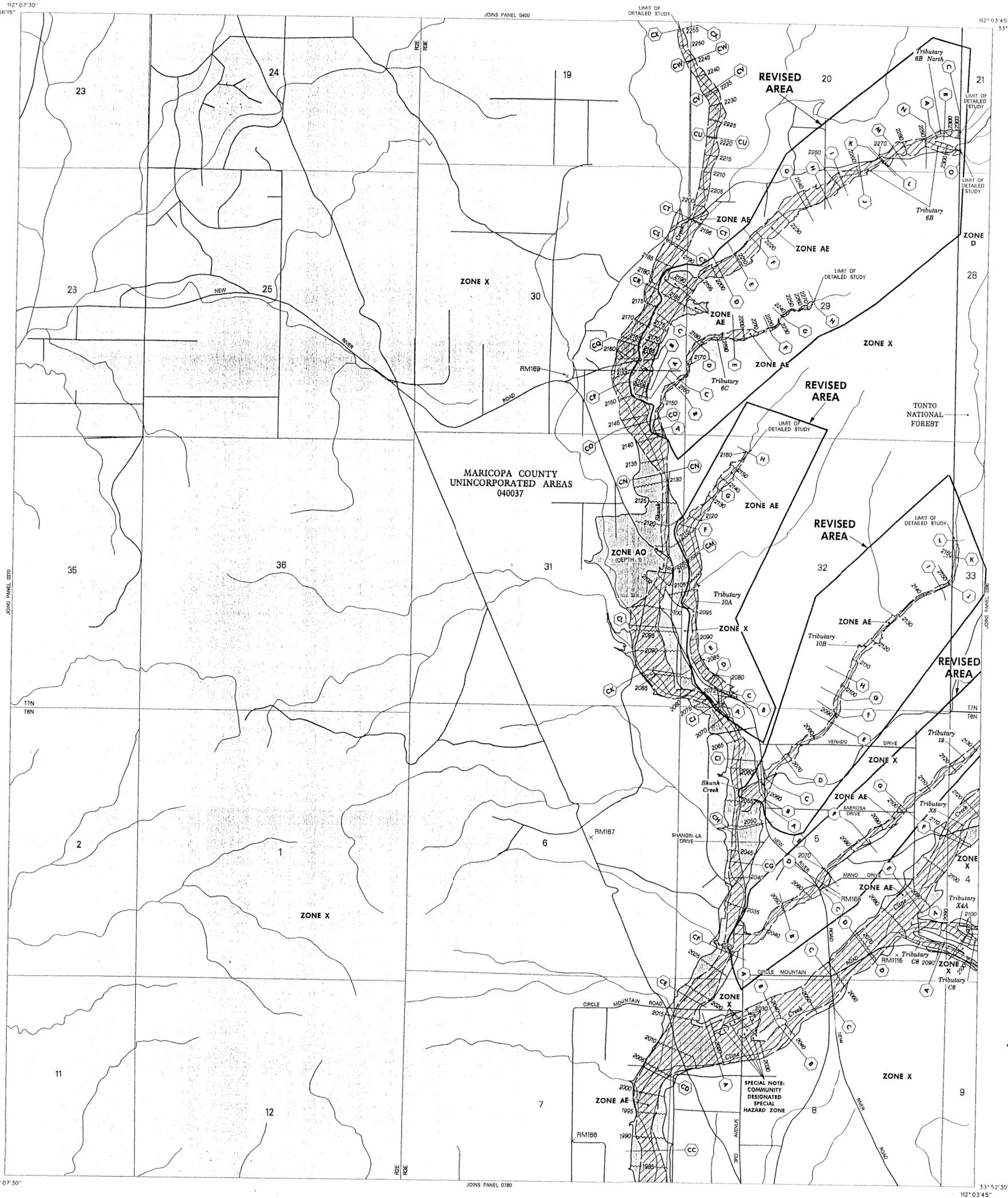
Tetra Tech, Inc./Simons, Li & Associates, Inc.
F.C.D. CONTRACT 98-22

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TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR
TRIBUTARIES TO SKUNK CREEK
VOLUME 2

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MARK	(FEET NGVD)	DESCRIPTION OF LOCATION
RM146	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 sidewalk of entrance to church on east side of New River and Mono Roads.
RM169	2149.68	U.S. Geological Survey brass cap on north side of New River Road and west of dirt road northeast, marked 2167.
RM1115	2093.02	Beginning of intersection of New River and Circle Mountain Road, thence 0.46 mile east on Circle Mountain Road to ERM 7, a 1/2-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.



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 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 AP** 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); 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

BOUNDARIES

- 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

ELEVATION DATA

- 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.
- Elevation Reference Mark
- River Mile
- 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 pluvial 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, AH, AO, AP, V, VE and VI-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 ft.

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 (P.L. 101-581).

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

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

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodway areas 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 BFEs shown on this map may apply only to landward of 0.0' NGVD. Users of the 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 the 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

CONTAINS:

COMMUNITY	NUMBER	PANEL SUFFIX
MARICOPA COUNTY, UNINCORPORATED AREAS	040037	390 E

REVISED TO REFLECT LOMR

DATED MAP NUMBER 04013C0390 E

MAP REVISED: DECEMBER 3, 1993

Federal Emergency Management Agency



Federal Emergency Management Agency

Washington, D.C. 20472

MAR 15 2001

RECEIVED
MAR 19 2001
FEDERAL EMERGENCY MANAGEMENT AGENCY
COMMUNITY RELATIONS DIVISION
ADVISOR
REC'D

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

IN REPLY REFER TO:
Case No.: 01-09-082P

The Honorable Janice K. Brewer
Chairman, Maricopa County
Board of Supervisors
301 West Jefferson, 10th Floor
Phoenix, AZ 85003

Community: Maricopa County, AZ
Community No.: 040037
Panels Affected: 04013C0390 E and 0395 F
Effective Date of **JUL 05 2001**
This Revision:

102-I-A-C

Dear Ms. Brewer:

This responds to a request that the Federal Emergency Management Agency (FEMA) revise the effective Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for Maricopa County, Arizona and Incorporated Areas, in accordance with Part 65 of the National Flood Insurance Program (NFIP) regulations. In a letter dated October 5, 2000, Mr. Michael Duncan, P.E., Project Manager, Flood Control District of Maricopa County, requested that FEMA revise the FIRM and FIS report to show the effects of detailed hydrologic and hydraulic analyses and updated topographic information for the following tributaries to Skunk Creek: Tributary 12, Tributary 10B, Tributary 10A, Tributary 6C, Tributary 6B, and Tributary 6B North.

All data required to complete our review of this request were submitted with letters from Mr. Duncan. Because this Letter of Map Revision (LOMR) is based on flood hazard information meant to improve upon that shown on the flood map or within the flood study, and does not partially or wholly incorporate manmade modifications within the Special Flood Hazard Area (SFHA), fees were not assessed for the review. The SFHA is the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

We have completed our review of the submitted data and the flood data shown on the effective FIRM and in the effective FIS report. We have revised the FIRM and FIS report to add Base Flood Elevations (BFEs), floodplain and floodway boundary delineations, and zone designations along Tributary 12 from just upstream to approximately 7,500 feet upstream of the confluence with Skunk Creek; along Tributary 10B from just upstream to approximately 6,900 feet upstream of the confluence with Skunk Creek; along Tributary 10A from approximately 2,200 feet upstream to approximately 5,800 feet upstream of the confluence with Skunk Creek; along Tributary 6C from just upstream to approximately 5,000 feet upstream of the confluence with Skunk Creek; along Tributary 6B from approximately 700 feet upstream to approximately 9,500 feet upstream of the confluence with Skunk Creek; and along Tributary 6B North from just upstream to approximately 700 feet upstream of the confluence with Tributary 6B. We also have revised the FIRM and FIS report to modify the BFEs and floodplain

boundary delineations along Tributary 10A from just upstream to approximately 1,700 feet upstream of New River Road and to add floodway boundary delineations from just upstream to approximately 2,200 feet upstream of the confluence with Skunk Creek. Tributary 10A is shown as Skunk Creek East Flow Split on the effective FIRM.

As a result of the modifications, SFHAs were added for Tributaries 12, 10B, 6C, 6B, and 6B North. Also as a result of the modifications, the BFEs for Tributary 10A and the width of the SFHA increased. The regulatory floodway along Tributary 6B is coincident with the floodway for Skunk Creek from just upstream to approximately 2,800 feet upstream of the confluence of those two streams. At the request of the community, the floodway for Tributary 6B was widened to include areas of high ground along the above-mentioned reach. The modifications are shown on the enclosed annotated copies of FIRM Panels 04013C0390 E and 04013C0395 F and affected portions of the Summary of Discharges Table and Floodway Data Table. Profile Panels 1129P through 1138P for the above-mentioned flooding sources were added to the FIS report. This LOMR hereby revises the above-referenced panels of the effective FIRM dated December 3, 1993, and the affected portions of the FIS report dated September 30, 1995.

The modifications are effective as of the date shown above. The map panels as listed above and as modified by this letter will be used for all flood insurance policies and renewals issued for your community.

The following table is a partial listing of existing and modified BFEs:

Location	Existing BFE (feet)*	Modified BFE (feet)*
Tributary 12:		
Approximately 700 feet upstream of confluence with Skunk Creek	None	2,040
Approximately 7,400 feet upstream of confluence with Skunk Creek	None	2,150
Tributary 10B:		
Approximately 500 feet upstream of confluence with Skunk Creek	None	2,060
Approximately 6,600 feet upstream of confluence with Skunk Creek	None	2,160
Tributary 10A:		
Just upstream of New River Road	2,075	2,080
Approximately 5,700 feet upstream of confluence with Skunk Creek	None	2,160
Tributary 6C:		
Approximately 1,900 feet upstream of confluence with Skunk Creek	None	2,160
Approximately 5,300 feet upstream of confluence with Skunk Creek	None	2,270

Tributary 6B:

Approximately 3,700 feet upstream of confluence with Skunk Creek	None	2,200
Approximately 9,100 feet upstream of confluence with Skunk Creek	None	2,300

Tributary 6B North:

Approximately 700 feet upstream of confluence with Tributary 6B	None	2,303
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*Referenced to the National Geodetic Vertical Datum, rounded to the nearest whole foot

Public notification of the proposed modified BFEs will be given in the *Arizona Republic* on or about March 30 and April 6, 2001. A copy of this notification is enclosed. In addition, a notice of changes will be published in the *Federal Register*. Within 90 days of the second publication in the *Arizona Republic*, any interested party may request that FEMA reconsider the determination made by this LOMR. Any request for reconsideration must be based on scientific or technical data. All interested parties are on notice that, until the 90-day period elapses, the determination to modify the BFEs made by this LOMR may itself be modified.

Because this LOMR will not be printed and distributed to primary users, such as local insurance agents and mortgage lenders, your community will serve as a repository for these new data. We encourage you to disseminate the information reflected by this LOMR throughout the community, so that interested persons, such as property owners, local insurance agents, and mortgage lenders, may benefit from the information. We also encourage you to prepare a related article for publication in your community's local newspaper. This article should describe the assistance that officials of your community will give to interested persons by providing these data and interpreting the NFIP maps.

We are processing a revised FIRM and FIS report for Maricopa County and Incorporated Areas; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the revised FIRM and FIS report, which present information for your community and incorporated communities in Maricopa County, were submitted to your community for review on December 23, 1997. Revised Preliminary copies of the FIRM and FIS report were submitted to your community for review on May 29, 1998. We will incorporate the modifications made by this LOMR into the revised FIRM and FIS report before they become effective.

The floodway is provided to your community as a tool to regulate floodplain development. Therefore, the floodway modifications described in this LOMR, while acceptable to FEMA, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

This LOMR is based on minimum floodplain management criteria established under the NFIP. Your community is responsible for approving all floodplain development and for ensuring all necessary permits required by Federal or State law have been received. State, county, and community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction in the SFHA. If the State, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This determination has been made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and is in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed minimum NFIP criteria. These criteria are the minimum and do not supersede any State or local requirements of a more stringent nature. This includes adoption of the effective FIRM to which the regulations apply and the modifications described in this LOMR. Our records show that your community has met this requirement.

A Consultation Coordination Officer (CCO) has been designated to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jack Eldridge
Chief, Community Mitigation Programs Branch
Federal Emergency Management Agency, Region IX
The Presidio of San Francisco, Building 105
San Francisco, CA 94129-1250
(415) 923-7184

FEMA makes flood insurance available in participating communities; in addition, we encourage communities to develop their own loss reduction and prevention programs. Through the *Project Impact: Building Disaster Resistant Communities* initiative, launched by FEMA in 1997, we seek to focus the energy of businesses, citizens, and communities in the United States on the importance of reducing their susceptibility to the impact of all natural disasters, including floods, hurricanes, severe storms, earthquakes, and wildfires. Natural hazard mitigation is most effective when it is planned for and implemented at the local level, by the entities who are most knowledgeable of local conditions and whose economic stability and safety are at stake. For your information, we are enclosing a copy of a pamphlet describing this nationwide initiative. For additional information on *Project Impact*, please visit our website at www.fema.gov/impact.

If you have any questions regarding floodplain management regulations for your community or the NFIP in general, please call the CCO for your community at the telephone number cited above. If you have any questions regarding this LOMR, please call our Map Assistance Center, toll free, at 1-877-FEMA MAP (1-877-336-2627).

Sincerely,



Max H. Yuan, P.E., Project Engineer
Hazards Study Branch
Mitigation Directorate

For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate

Enclosures

cc: Mr. Michael S. Ellegood, P.E.
Chief Engineer and General Manager
Flood Control District of Maricopa County

Mr. Michael Duncan, P.E.
Project Manager
Flood Control District of Maricopa County

Mr. Bart Bergendahl, P.E.
Project Manager
Tetra Tech, Inc.

CHANGES ARE MADE IN DETERMINATIONS OF BASE FLOOD ELEVATIONS FOR THE UNINCORPORATED AREAS OF MARICOPA COUNTY, ARIZONA, UNDER THE NATIONAL FLOOD INSURANCE PROGRAM

On December 3, 1993, the Federal Emergency Management Agency identified Special Flood Hazard Areas (SFHAs) in the unincorporated areas of Maricopa County, Arizona, through issuance of a Flood Insurance Rate Map (FIRM). The Mitigation Directorate has determined that modification of the elevations of the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) for certain locations in this community is appropriate. The modified Base Flood Elevations (BFEs) revise the FIRM for the community.

The changes are being made pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (Public Law 93-234) and are in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, Public Law 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65.

Detailed hydrologic and hydraulic analyses and updated topographic information have resulted in the establishment of BFEs, floodplain and floodway boundary delineations, and zone designations along the following tributaries to Skunk Creek: Tributary 12 from just upstream to approximately 7,500 feet upstream of the confluence with Skunk Creek; Tributary 10B from just upstream to approximately 6,800 feet upstream of the confluence with Skunk Creek; Tributary 10A from approximately 2,200 feet upstream to approximately 5,800 feet upstream of the confluence with Skunk Creek; Tributary 6C from just upstream to approximately 4,800 feet upstream of the confluence with Skunk Creek; Tributary 6B from approximately 700 feet upstream to approximately 9,500 feet upstream of the confluence with Skunk Creek; and Tributary 6B North from just upstream to approximately 700 feet upstream of the confluence with Tributary 6B. BFEs and floodplain boundary delineations along Tributary 10A were modified from just upstream to approximately 1,700 feet upstream of New River Road, and floodway boundary delineations were added from just upstream to approximately 2,200 feet upstream of the confluence with Skunk Creek. Tributary 10A is shown as Skunk Creek East Flow Split on the effective FIRM. The table below indicates existing and modified BFEs for selected locations along the affected lengths of the flooding source(s) cited above.

Location	Existing BFE (feet)*	Modified BFE (feet)*
Tributary 12:		
Approximately 700 feet upstream of confluence with Skunk Creek	None	2,040
Approximately 7,400 feet upstream of confluence with Skunk Creek	None	2,150
Tributary 10B:		
Approximately 500 feet upstream of confluence with Skunk Creek	None	2,060
Approximately 6,600 feet upstream of confluence with Skunk Creek	None	2,160

Tributary 10A:		
Just upstream of New River Road	2,075	2,080
Approximately 5,700 feet upstream of confluence with Skunk Creek	None	2,160
Tributary 6C:		
Approximately 1,900 feet upstream of confluence with Skunk Creek	None	2,160
Approximately 5,300 feet upstream of confluence with Skunk Creek	None	2,270
Tributary 6B:		
Approximately 3,700 feet upstream of confluence with Skunk Creek	None	2,200
Approximately 9,100 feet upstream of confluence with Skunk Creek	None	2,300
Tributary 6B North:		
Approximately 700 feet upstream of confluence with Tributary 6B	None	2,303

*National Geodetic Vertical Datum, rounded to nearest whole foot

Under the above-mentioned Acts of 1968 and 1973, the Mitigation Directorate must develop criteria for floodplain management. To participate in the National Flood Insurance Program (NFIP), the community must use the modified BFEs to administer the floodplain management measures of the NFIP. These modified BFEs will also be used to calculate the appropriate flood insurance premium rates for new buildings and their contents and for the second layer of insurance on existing buildings and contents.

Upon the second publication of notice of these changes in this newspaper, any person has 90 days in which he or she can request, through the Chief Executive Officer of the community, that the Mitigation Directorate reconsider the determination. Any request for reconsideration must be based on knowledge of changed conditions or new scientific or technical data. All interested parties are on notice that until the 90-day period elapses, the Mitigation Directorate's determination to modify the BFEs may itself be changed.

Any person having knowledge or wishing to comment on these changes should immediately notify:

The Honorable Janice K. Brewer
Chairman, Maricopa County
Board of Supervisors
301 West Jefferson, 10th Floor
Phoenix, AZ 85003

Table 1. Summary of Discharges

<u>Flooding Source and Location</u>	<u>Drainage Area (Square Miles)</u>	<u>Peak Discharges (Cubic Feet per Second)</u>			
		<u>10-Year</u>	<u>50-Year</u>	<u>100-Year</u>	<u>500-Year</u>
Skunk Creek Tributary 12 At confluence with Skunk Creek	1.83	-- ¹	-- ¹	2255	-- ¹
Skunk Creek Tributary 10B At confluence with Skunk Creek	1.68	-- ¹	-- ¹	1820	-- ¹
Skunk Creek Tributary 10A At confluence with Skunk Creek	1.14	-- ¹	-- ¹	1778	-- ¹
Skunk Creek Tributary 6C At confluence with Skunk Creek	0.34	-- ¹	-- ¹	758	-- ¹
Skunk Creek Tributary 6B Approximately 8,800 feet upstream of the confluence with Skunk Creek	2.82	-- ¹	-- ¹	3169	-- ¹
Approximately 9,000 feet upstream of the confluence with Skunk Creek	1.85	-- ¹	-- ¹	2007	-- ¹
Skunk Creek Tributary 6B North Approximately 9,000 feet above the Confluence with Skunk Creek	0.97	-- ¹	-- ¹	1477	-- ¹

¹ Data not available

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REFLECT LOMR
DATED JUL 05 2001

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	(FEET NGVD)		INCREASE
						WITHOUT FLOODWAY	WITH FLOODWAY	
A	280	355	446	5.1	2,031.9	2,031.9	2,031.9	0.0
B	1,340	170	308	7.3	2,050.1	2,050.1	2,050.1	0.0
C	2,120	182	339	6.7	2,065.0	2,065.0	2,065.0	0.0
D	2,230	250	1,144	2.0	2,069.9	2,069.9	2,069.9	0.0
E	2,485	236	441	5.1	2,070.0	2,070.0	2,070.0	0.0
F	3,485	149	283	8.0	2,084.5	2,084.5	2,084.5	0.0
G	4,480	166	294	7.7	2,101.1	2,101.1	2,101.1	0.0
H	7,520	142	282	8.0	2,151.6	2,151.6	2,151.6	0.0

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¹ Feet above confluence with Skunk Creek

T
A
B
L
E

5

FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, ARIZONA
AND INCORPORATED AREAS

FLOODWAY DATA

SKUNK CREEK TRIBUTARY 12

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
						(FEET NGVD)		
A	470	259 ²	367	5.0	2,058.0 ³	2,057.9	2,057.9	0.0
B	535	250 ²	324	5.6	2,059.3	2,059.3	2,059.3	0.0
C	755	284	1,328	1.4	2,066.4	2,066.4	2,066.4	0.0
D	1,285	134	238	7.6	2,068.7	2,068.7	2,068.7	0.0
E	2,433	73	195	9.4	2,087.1	2,087.1	2,087.1	0.0
F	2,633	73	219	8.3	2,090.3	2,090.3	2,090.3	0.0
G	2,933	111	225	8.1	2,096.2	2,096.2	2,096.2	0.0
H	3,373	85	206	8.9	2,102.5	2,102.5	2,102.5	0.0
I	5,937	82	216	8.5	2,146.0	2,146.0	2,146.0	0.0
J	6,125	73	194	9.4	2,150.9	2,150.9	2,150.9	0.0
K	6,615	82	232	7.8	2,159.9	2,159.9	2,159.9	0.0
L	6,935	57	180	10.1	2,166.1	2,166.1	2,166.1	0.0

REVISED TO
REFLECT LOMR
DATED JUL 05 2001

¹ Feet above confluence with Skunk Creek ²Island not included in width ³Based on Skunk Creek Backwater Effects

T A B L E 5	FEDERAL EMERGENCY MANAGEMENT AGENCY MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS	FLOODWAY DATA
		SKUNK CREEK TRIBUTARY 10B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	(FEET NGVD)		INCREASE
						WITHOUT FLOODWAY	WITH FLOODWAY	
A	100	71	196	9.1	2,072.2 ³	2,069.7	2,069.7	0.0
B	290	137	287	6.2	2,073.5	2,073.5	2,073.5	0.0
C	430	261	961	1.9	2,079.6	2,079.6	2,079.6	0.0
D	688	183	541	3.3	2,079.7	2,079.7	2,079.7	0.0
E	1,176	166	252	7.1	2,084.8	2,084.8	2,084.8	0.0
F	3,876	241 ²	218	4.9	2,116.8	2,116.8	2,116.8	0.0
G	4,773	133	157	6.2	2,134.3	2,134.3	2,134.3	0.0
H	5,688	74	129	7.6	2,160.8	2,160.8	2,160.8	0.0

REVISED TO
REFLECT LOMR
DATED JUL 05 2001

¹ Feet above confluence with Skunk Creek ²Island not included in width ³Based on Skunk Creek backwater effects

T A B L E 5	FEDERAL EMERGENCY MANAGEMENT AGENCY MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS	FLOODWAY DATA
		SKUNK CREEK TRIBUTARY 10A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	(FEET NGVD)		INCREASE
						WITHOUT FLOODWAY	WITH FLOODWAY	
A	900	77	125	6.1	2,141.5 ³	2,141.3	2,141.3	0.0
B	1,850	100	133	5.7	2,159.4	2,159.4	2,159.4	0.0
C	2,011	71	118	6.4	2,162.1	2,162.1	2,162.1	0.0
D	2,881	130	148	5.1	2,178.6	2,178.6	2,178.6	0.0
E	3,583	204	180	4.2	2,195.1	2,195.1	2,195.1	0.0
F	4,292	80	112	6.8	2,217.6	2,217.6	2,217.6	0.0
G	4,677	57 ²	100	7.6	2,234.9	2,234.9	2,234.9	0.0
H	5,379	36	86	8.8	2,277.9	2,277.9	2,277.9	0.0

REVISED TO
REFLECT LOMR
DATED JUL 05 2001

¹Feet above confluence with Skunk Creek ²Topwidth does not include high ground ³ Based on Skunk Creek backwater effects

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FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, ARIZONA
AND INCORPORATED AREAS

FLOODWAY DATA

SKUNK CREEK TRIBUTARY 6C

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	(FEET NGVD)		INCREASE
						WITHOUT FLOODWAY	WITH FLOODWAY	
A	600	164 ²	192	4.8	2,152.5 ⁴	2,151.2	2,151.2	0.0
B	750	126 ²	157	5.9	2,153.2	2,153.2	2,153.2	0.0
C	2,193	86 ²	219	8.5	2,176.3	2,176.3	2,176.3fc	0.0
D	3,694	321	503	6.3	2,200.6	2,200.6	2,200.6	0.0
E	4,081	187 ³	385	8.2	2,207.3	2,207.3	2,207.3	0.0
F	4,551	296	565	5.6	2,217.4	2,217.4	2,217.4	0.0
G	5,779	335	469	6.8	2,238.4	2,238.4	2,238.4	0.0
H	6,279	275	440	7.2	2,246.3	2,246.3	2,246.3	0.0
I	6,809	361	545	5.8	2,254.1	2,254.1	2,254.1	0.0
J	7,219	237	418	7.6	2,261.7	2,261.7	2,261.7	0.0
K	7,698	142	368	8.6	2,268.7	2,268.7	2,268.7	0.0
L	7,736	287	1,311	2.4	2,274.5	2,274.5	2,274.5	0.0
M	8,043	165	410	7.7	2,274.6	2,274.6	2,274.6	0.0
N	8,688	163	370	8.6	2,290.9	2,290.9	2,290.9	0.0
O	9,388	83	217	9.3	2,306.5	2,306.5	2,306.5	0.0

REVISED TO
REFLECT LOMR
DATED JUL 05 2001

¹ Feet above confluence with Skunk Creek ²Unstable breakout area not included in width ³Island not included in width ⁴Based on Skunk Creek backwater effects

T A B L E 5	FEDERAL EMERGENCY MANAGEMENT AGENCY MARICOPA COUNTY, ARIZONA AND INCORPORATED AREAS	FLOODWAY DATA
		SKUNK CREEK TRIBUTARY 6B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION				
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY		WITH FLOODWAY	INCREASE
						(FEET NGVD)			
A	200	74	206	7.2	2,293.3	2,293.3	2,293.3	2,293.3	0.0
B	380	107	192	7.7	2,295.9	2,295.9	2,295.9	2,295.9	0.0
C	710	179	230	6.4	2,303.0	2,303.0	2,303.0	2,303.0	0.0

REVISED TO
REFLECT LOMR
DATED JUL 05 2001

¹
Feet above confluence with Tributary 6B

T
A
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5

FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, ARIZONA
AND INCORPORATED AREAS

FLOODWAY DATA

SKUNK CREEK TRIBUTARY 6B North

JOINS PANEL 0390

33

REVISED AREA

Tributary 12

LIMIT OF DETAILED STUDY

LIMIT OF DETAILED STUDY

H
2150
T7N
T6N
2140

ZONE AE

ZONE X

ZONE AE

NATIONAL FLOOD INSURANCE PROGRAM

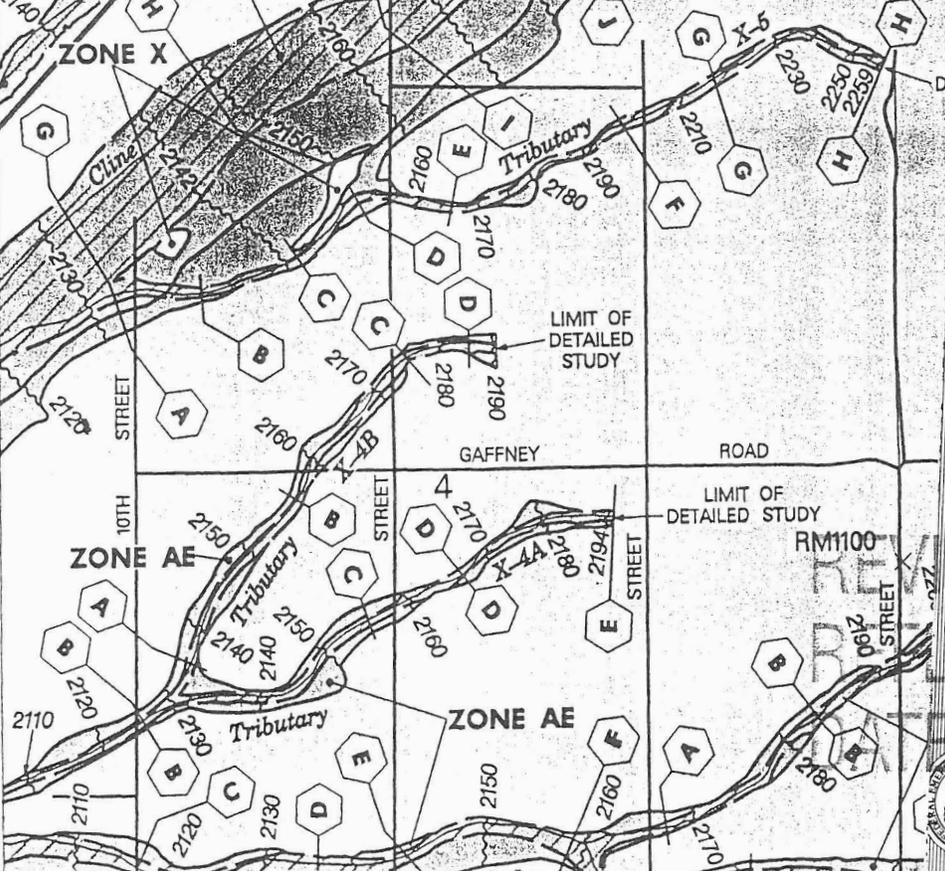
FIRM
FLOOD INSURANCE RATE MAP

MARICOPA COUNTY,
ARIZONA AND
INCORPORATED AREAS

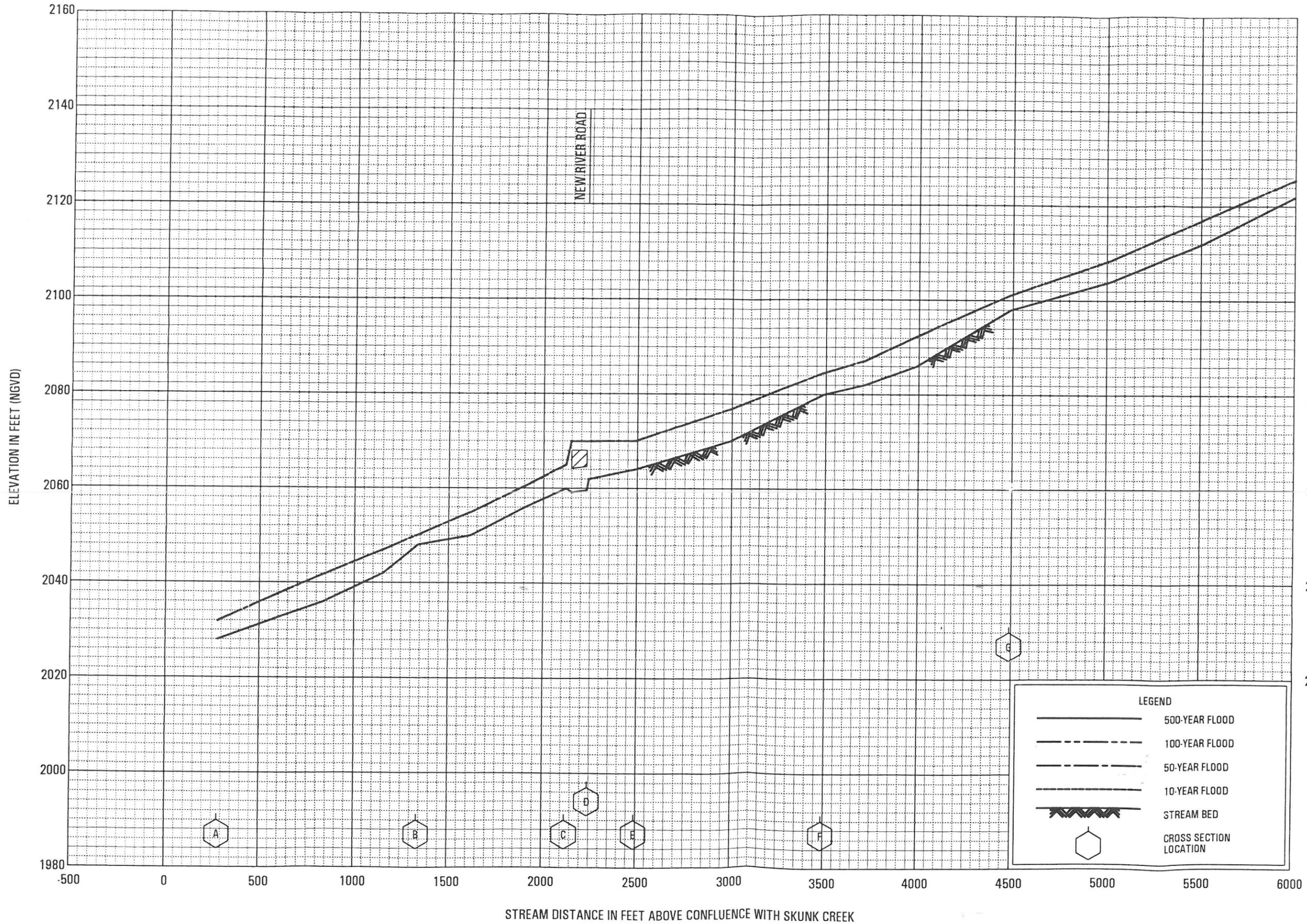
PANEL 395 OF 4350

CONTAINS

COMMUNITY	NUMBER	PANEL	SUFFIX
MARICOPA COUNTY UNINCORPORATED AREAS	040037	0395	F



MAP NUMBER
04013C0395 F
MAP REVISED:
DECEMBER 3, 1993

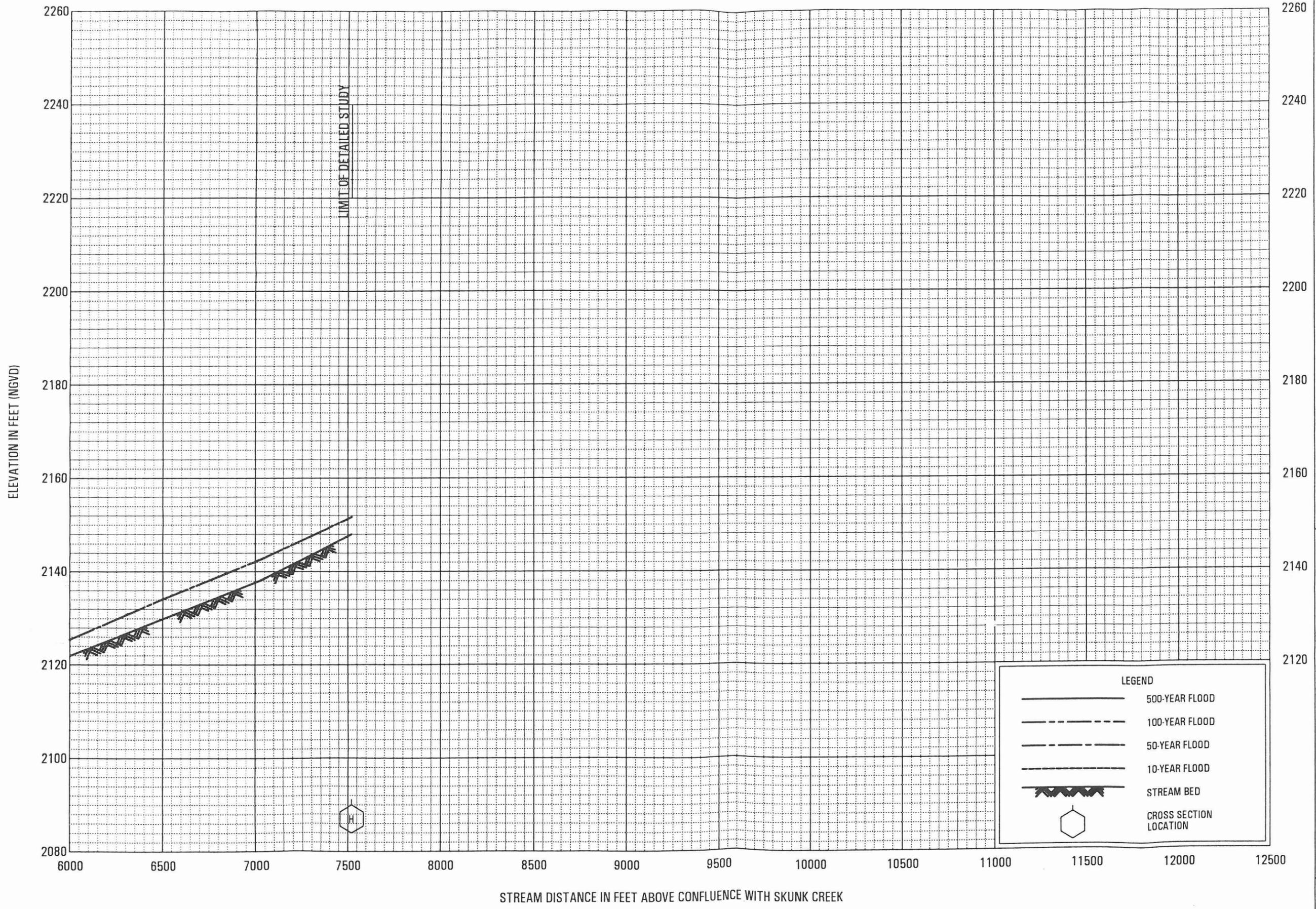


FLOOD PROFILES
 REVISIED TO
 REFLECT LOMR
 DATED JUL 05 2001

TRIBUTARY 12

FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ
 AND INCORPORATED AREAS

1129P

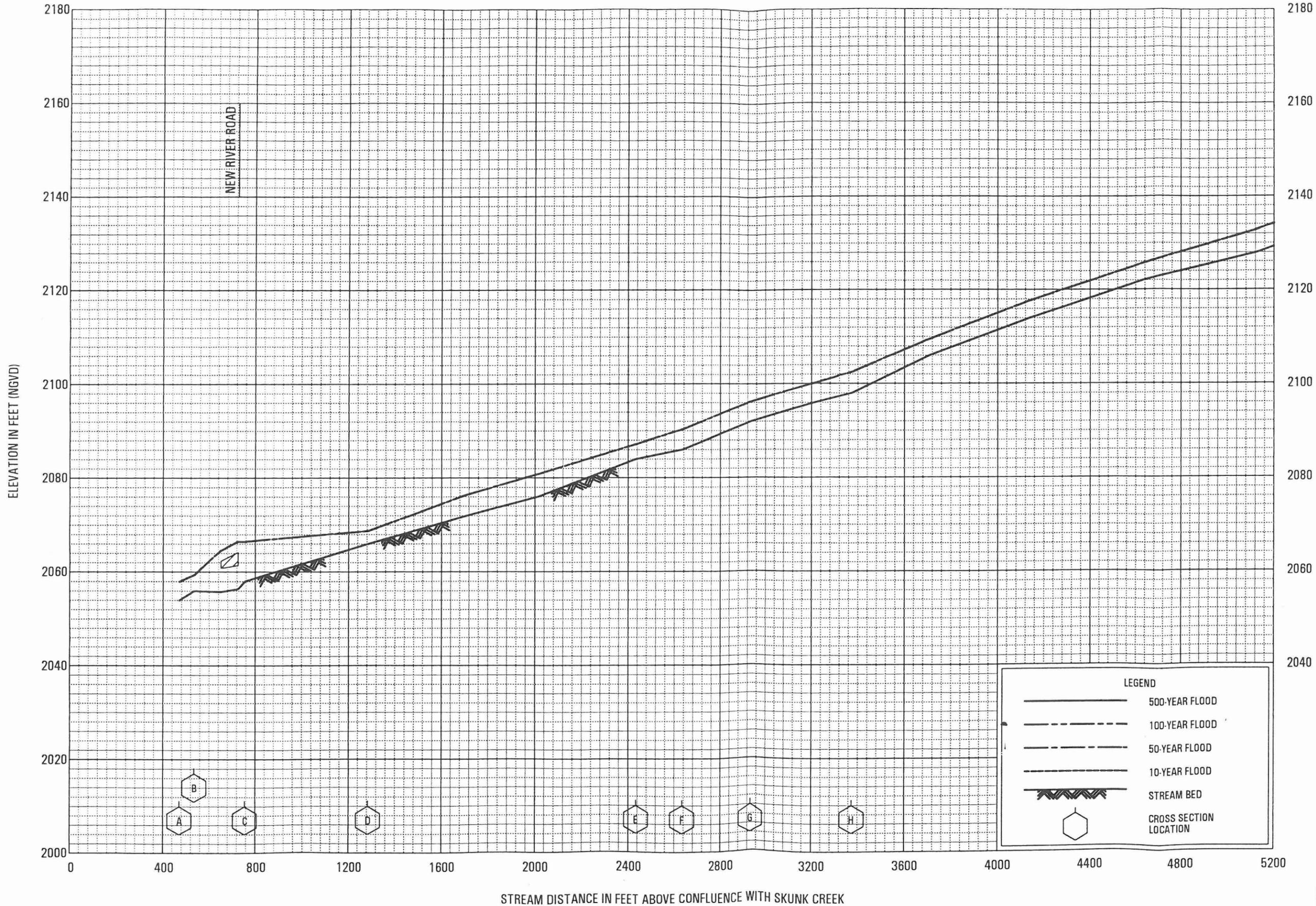


FEDERAL EMERGENCY MANAGEMENT AGENCY
MARICOPA COUNTY, AZ,
 AND INCORPORATED AREAS

FLOOD PROFILES REVISED TO
 TRIBUTARY 12 **REFLECT LOMR**

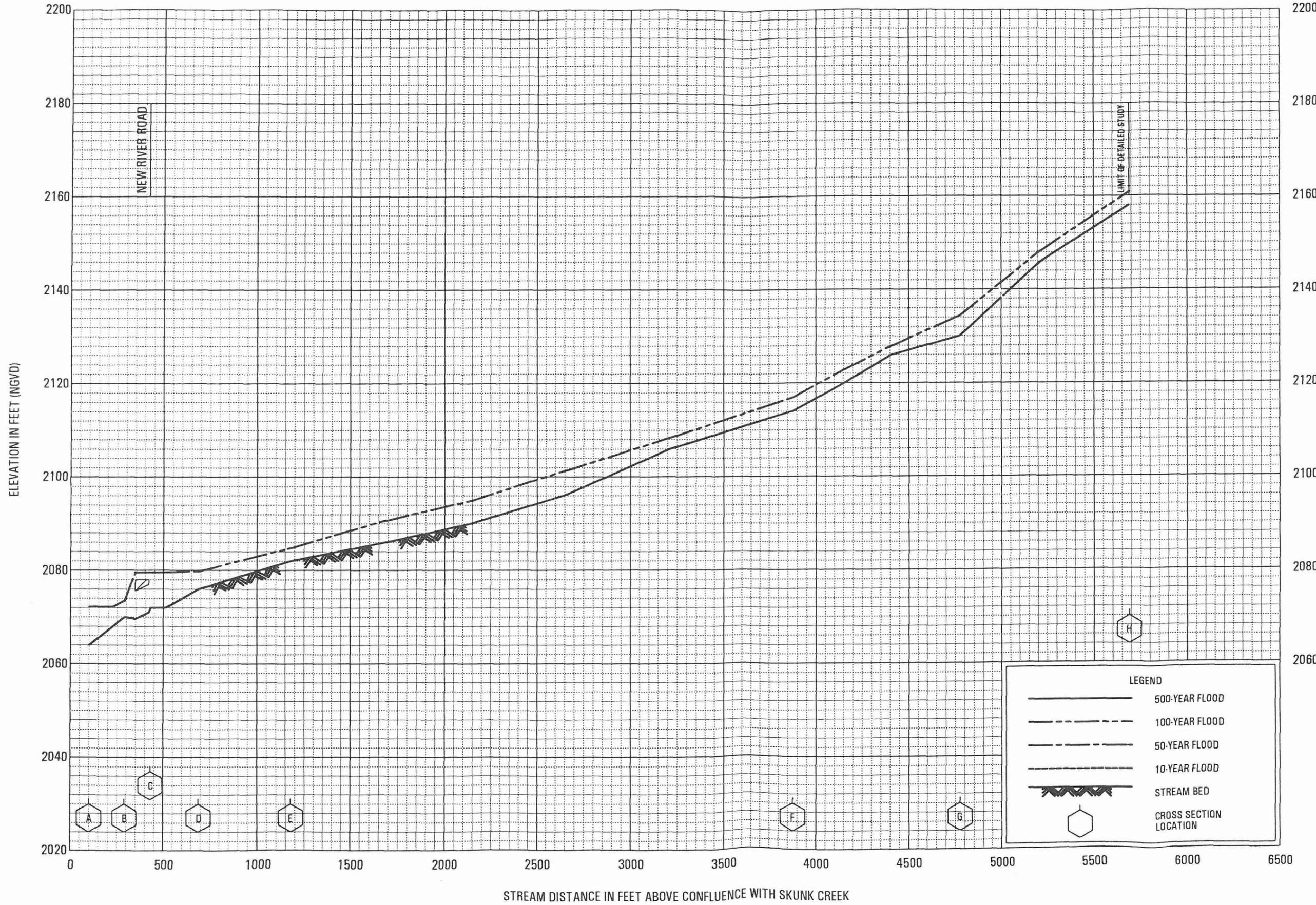
DATED JUL 05 2001

1130P



FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ
 AND INCORPORATED AREAS

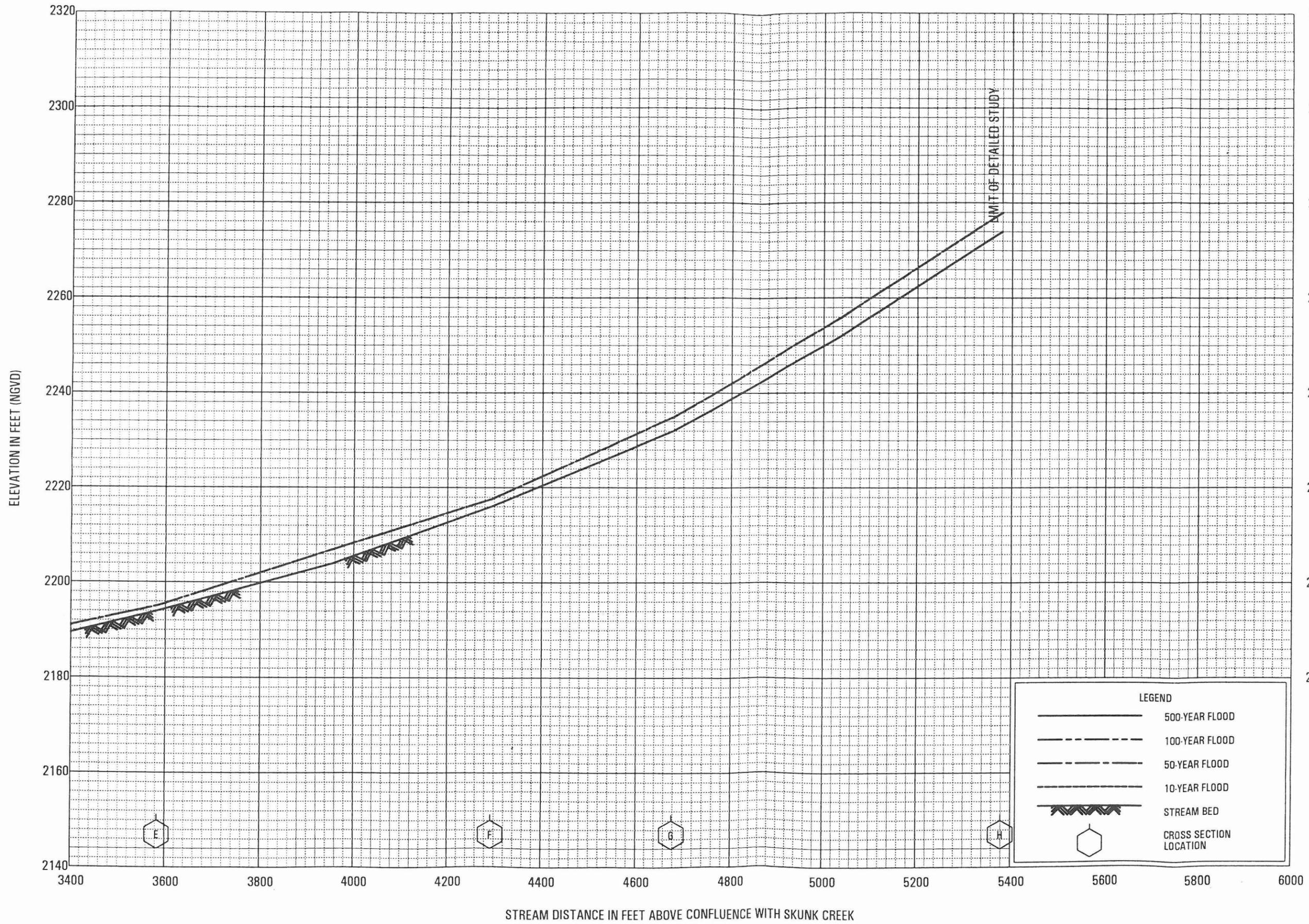
FLOOD PROFILES
 TRIBUTARY 10B
 REVISED TO
 REFLECT LOMR
 DATED JUL 05 2001



LEGEND	
	500-YEAR FLOOD
	100-YEAR FLOOD
	50-YEAR FLOOD
	10-YEAR FLOOD
	STREAM BED
	CROSS SECTION LOCATION

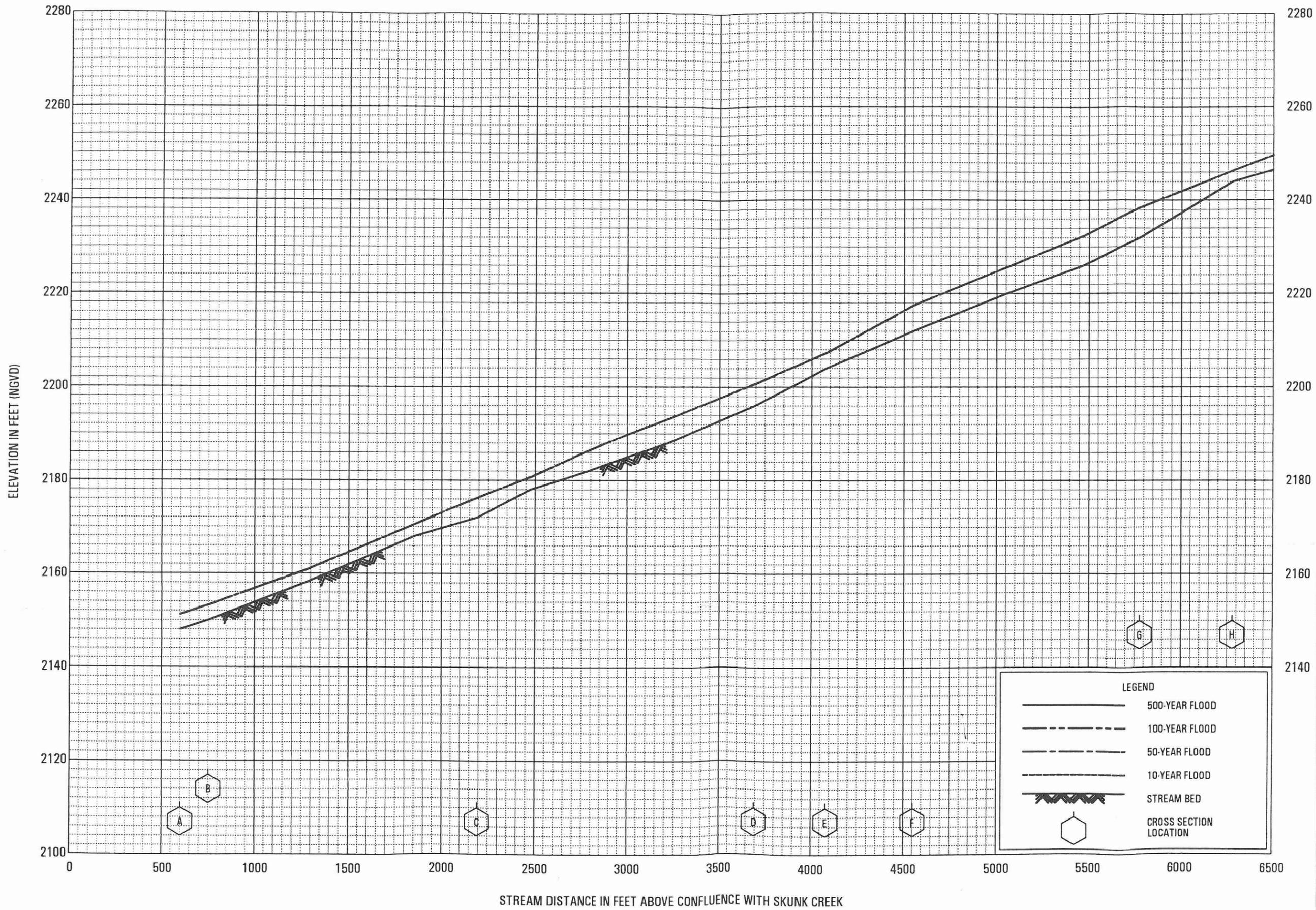
FLOOD PROFILES
 TRIBUTARY 10A
 REVISIED TO REFLECT 100%
 DATED JUN 05 2001

FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ
 AND INCORPORATED AREAS



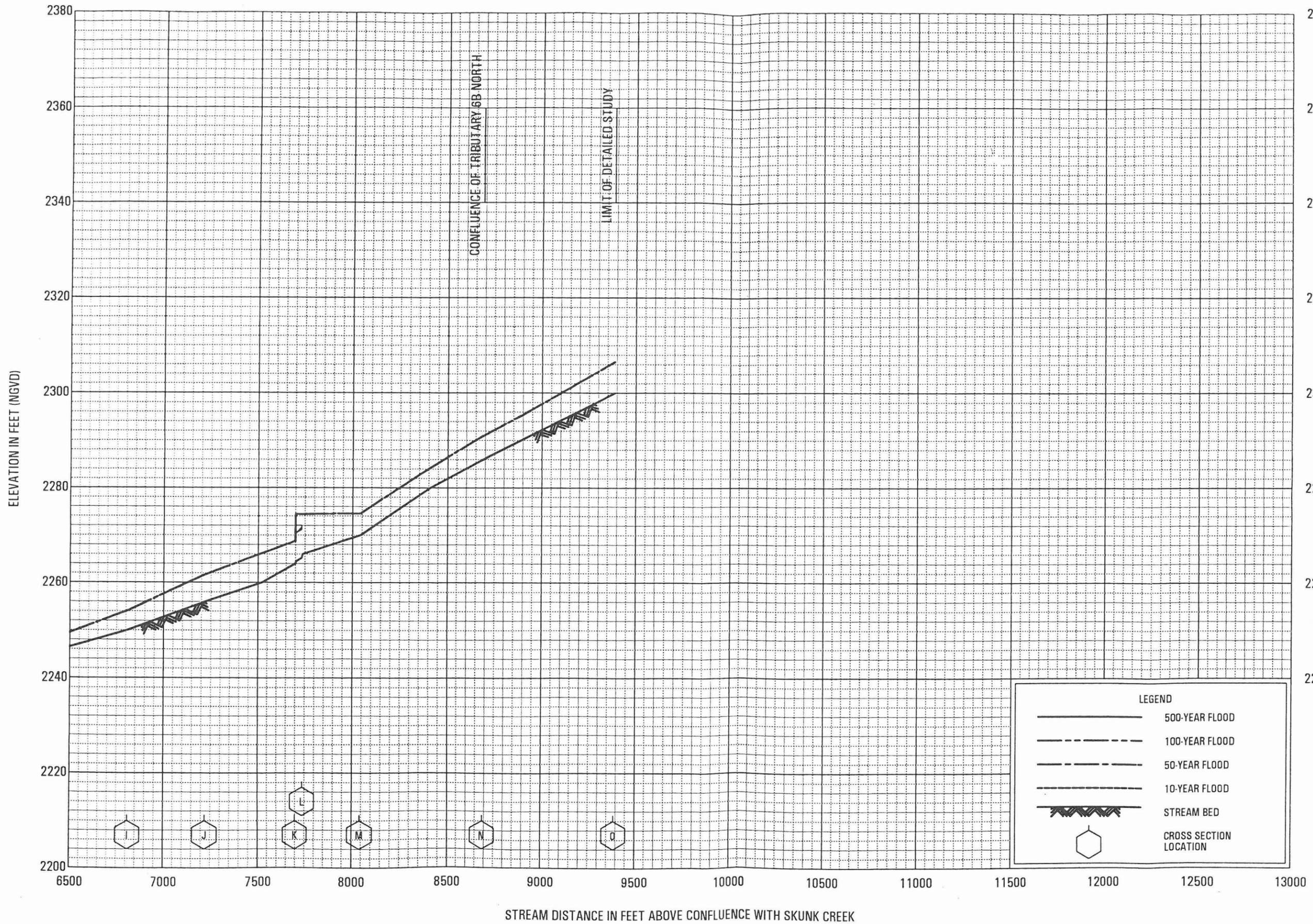
FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ
 AND INCORPORATED AREAS

FLOOD PROFILES
 TRIBUTARY 6C
 REVISED TO
 REFLECT LOMR
 DATED JUL 05 2001



FLOOD PROFILES REVISED TO
 TRIBUTARY 6B REFLECT LOW
 DATED JUL 05 2001

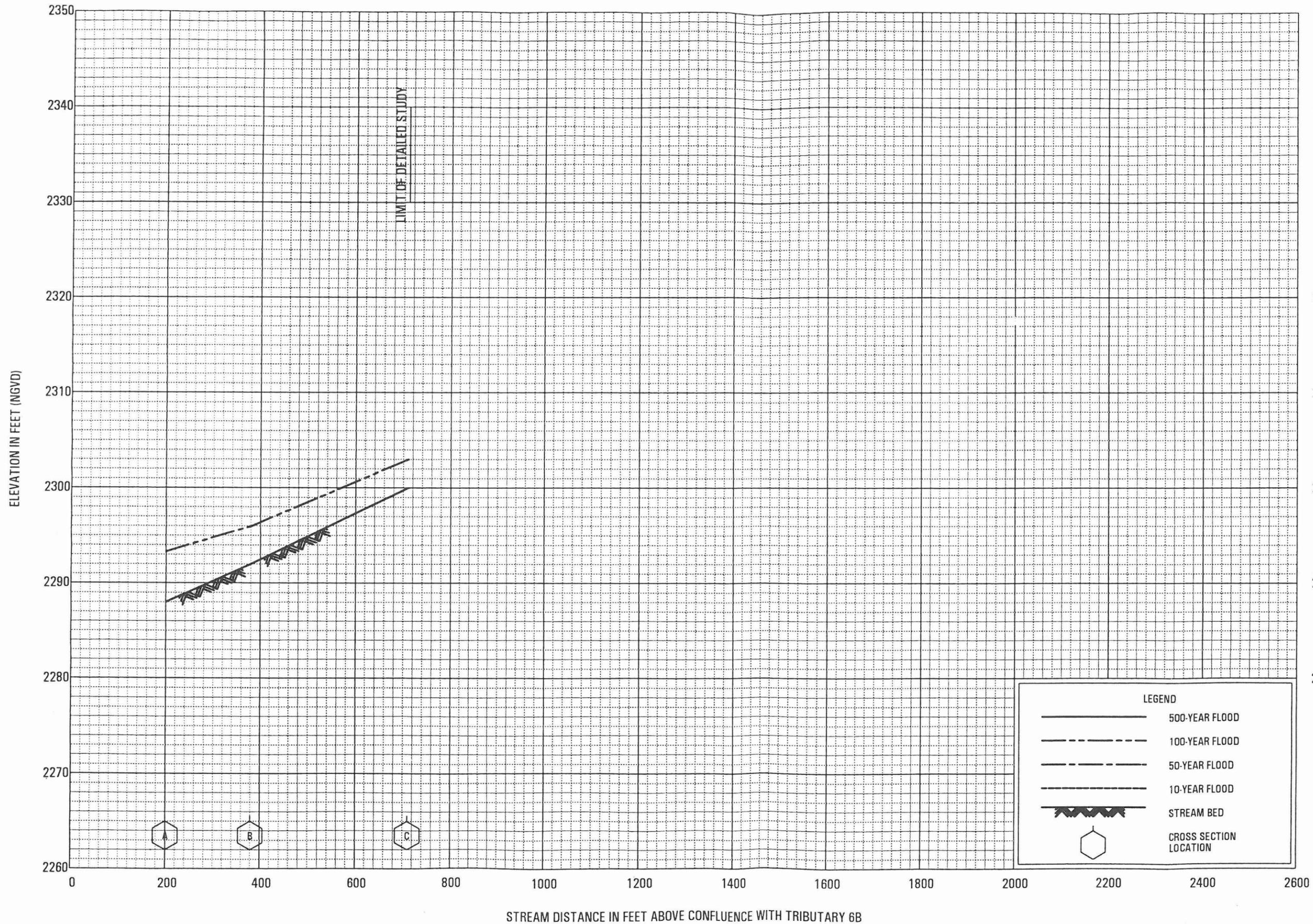
FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ,
 AND INCORPORATED AREAS



FLOOD PROFILES **REVISED TO**
 TRIBUTARY 6B **REFLECT LOMR**
 DATED JUL 05 2001

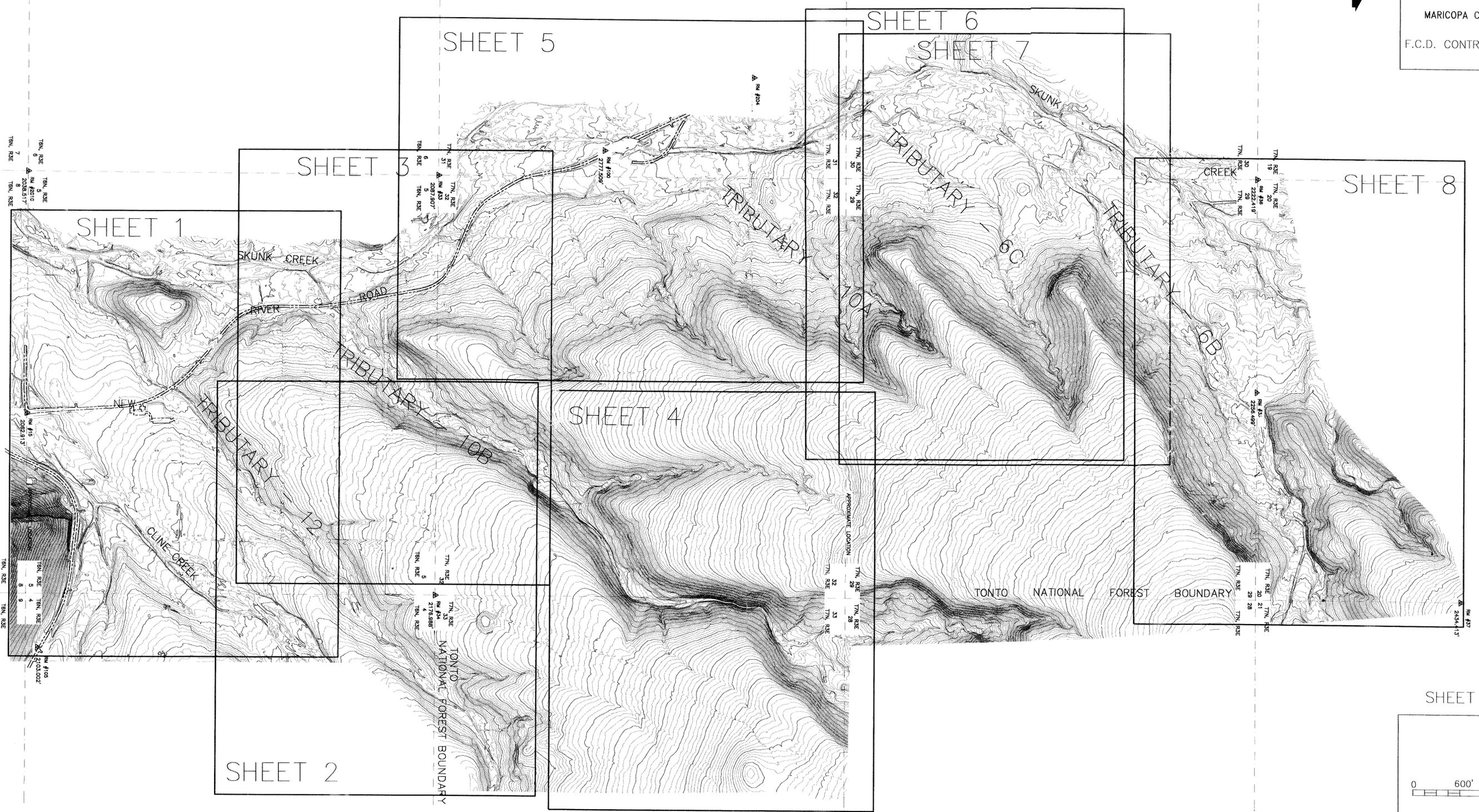
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 MARICOPA COUNTY, AZ,
 AND INCORPORATED AREAS

1137P

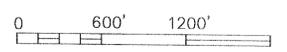


FEDERAL EMERGENCY MANAGEMENT AGENCY
 MARICOPA COUNTY, AZ
 AND INCORPORATED AREAS

FLOOD PROFILES
 TRIBUTARY 6B NORTH
 REVISIED TO REFLECT LOMR
 DATED JUL 05 2001



SHEET INDEX



SCALE: 1" = 600'
CONTOUR INTERVAL = 2 FEET



sia SIMONS, LI & ASSOCIATES, INC.		FLOOD CONTROL DISTRICT OF MARICOPA COUNTY	
DESIGN	BY: DEJ	DATE: 1/2000	RECOMMENDED BY:
DESIGN CHK.	BSB	1/2000	DATE:
PLANS	ML	1/2000	APPROVED BY:
PLANS CHK.	BSB	1/2000	DATE:
SUBMITTED BY:	SHEET		
DATE:	1	OF	1

The base topographic mapping used to conduct this floodplain delineation study was prepared and certified by Kenny Aerial Mapping, Inc. This mapping is based on aerial photography taken Dec. 1, 1998 and project control was provided by Project Engineering Consultants, Simons Li & Associates, Inc. assuming no responsibility for the accuracy or content of the base topographic mapping.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION FP=FLOODPLAIN WISE (1.432) FW=FLOODWAY WISE
- BASE FLOOD ELEVATION
- ELEVATION REFERENCE MARK Δ RM
- BUILDING

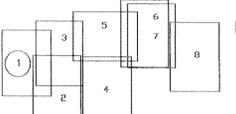
NOTES

1. CROSS-SECTION STATION 10,000 IS THE HYDRAULIC BASELINE.

ELEVATION REFERENCE MARKS

RM#	ELEVATION	DESCRIPTION
15	2062.913	MCHD Brass Cap @inters. New River Rd. and Circle Mtn. Rd.
33	2087.907	Gen.Land Office Brass Cap N.E. Cor. Sect.6, T6N,R3E
34	2176.988	Gen.Land Office Brass Cap N.E. Cor. Sect.5, T6N,R3E
35	2256.499	Gen.Land Office Brass Cap N.1/4 Cor. Sect.29, T7N, R3E
36	2222.419	Gen.Land Office Brass Cap N.E. Cor. Sect.30, T7N, R3E
37	2434.413	Gen.Land Office Brass Cap E.1/4 Cor. Sect.20, T7N, R3E
100	2111.509	MCHD Brass Cap @top W. barrier wall, New River Rd. over Skunk Creek
105	2103.002	Brass Cap @top Headwall S. side Circle Mtn. Rd. 1/2 Mi. E. New River Rd.
204	2152.631	Fd. Iron Bar, H.H. 1/4 Mi. N. of New River Rd. Bridge over Skunk Creek, W. Side
2010	2038.517	Gen.Land Office Brass Cap N.E. Cor. Sect.7, T6N, R3E

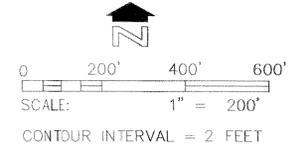
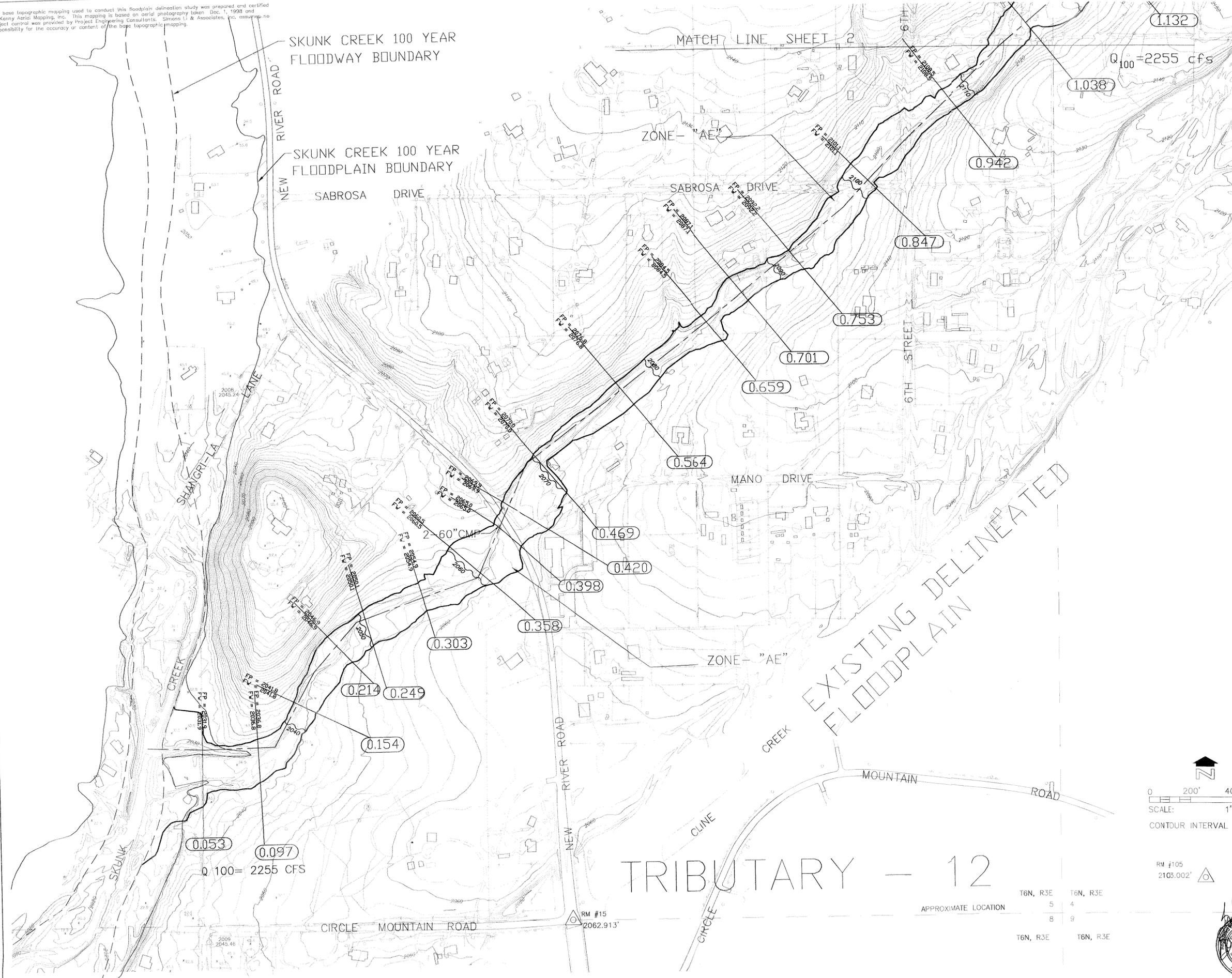
INDEX MAP



NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

SMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	DEJ	1/2000	
PLANS	ML	1/2000	RECOMMENDED BY:
PLANS CHK.	BSB	1/2000	APPROVED BY:
SUBMITTED BY:			SHEET



RM #105
2103.002' Δ

T6N, R3E	T6N, R3E
5	4
8	9
T6N, R3E	T6N, R3E

APPROXIMATE LOCATION

Y:\w-18\Submittals_2000\wcrk\1012.dwg F11 May 26 13:01:36 2000 BY DBC

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION $FP = \text{FLOODPLAIN WSE} (1.432)$
 $FW = \text{FLOODWAY WSE}$
- BASE FLOOD ELEVATION ~ 1100
- ELEVATION REFERENCE MARK $\triangle RM$
- BUILDING

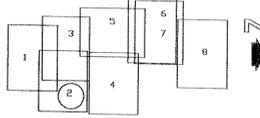
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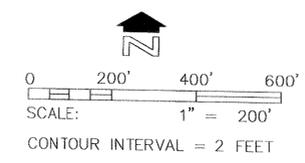
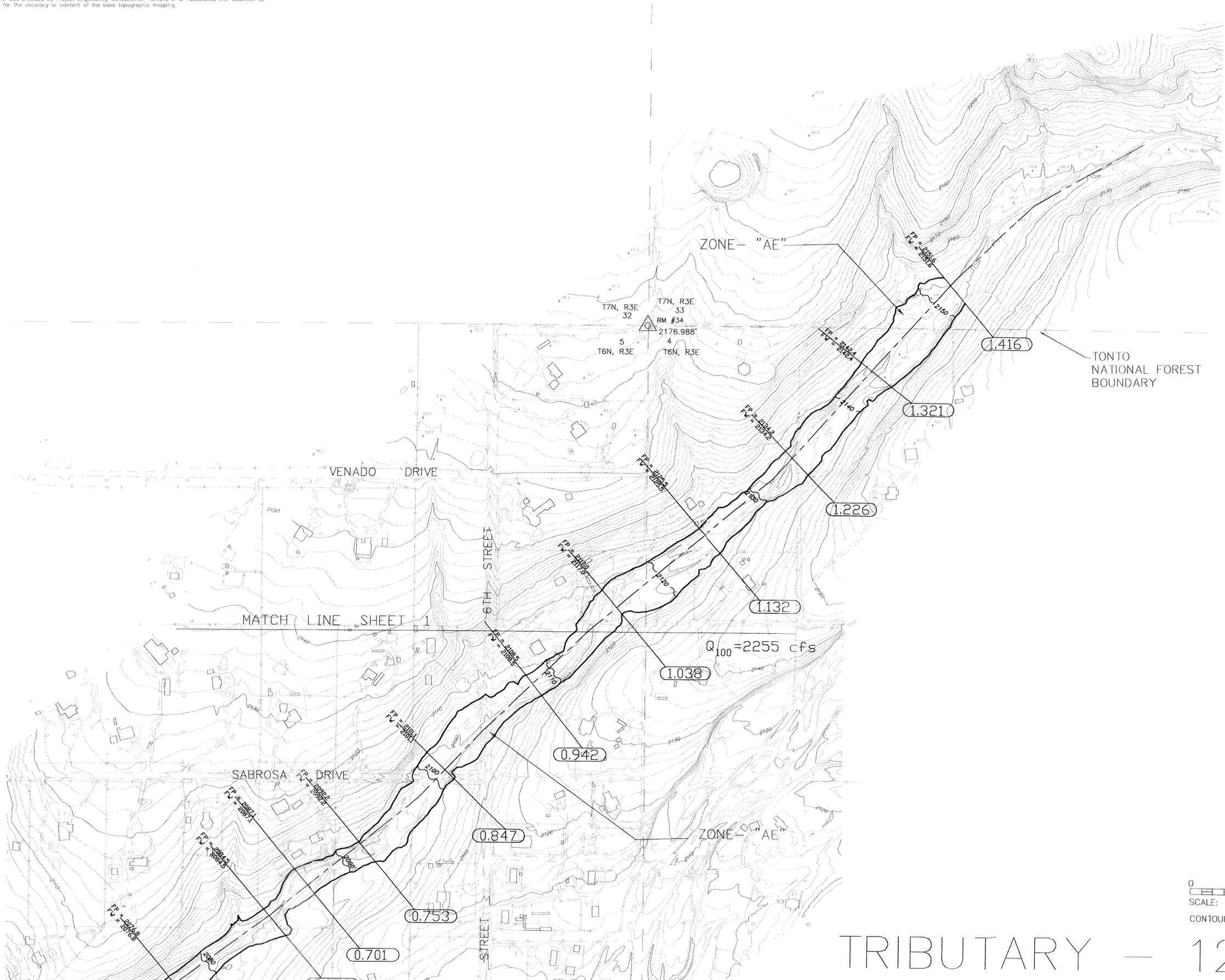
INDEX MAP



NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

slia SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	DEJ	1/2000	
DESIGN CHK.	BSB	1/2000	
PLANS	ML	1/2000	RECOMMENDED BY: _____ DATE: _____
PLANS CHK.	BSB	1/2000	APPROVED BY: _____ DATE: _____
SUBMITTED BY:			SHEET _____
DATE:			2 OF 8



TRIBUTARY - 12

Y:\WC-181\Submittal_5_2000\working\12.dwg Plt: May 26 13:02:10 2000 by: CSC

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION $\frac{FP=FLOODPLAIN\ WSE}{FW=FLOODWAY\ WSE}$ (7.432)
- BASE FLOOD ELEVATION ~ 1180
- ELEVATION REFERENCE MARK $\triangle RM$
- BUILDING

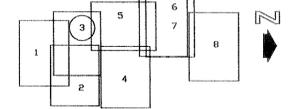
NOTES

1. CROSS-SECTION STATION 10,000 IS THE HYDRAULIC BASELINE.

ELEVATION REFERENCE MARKS

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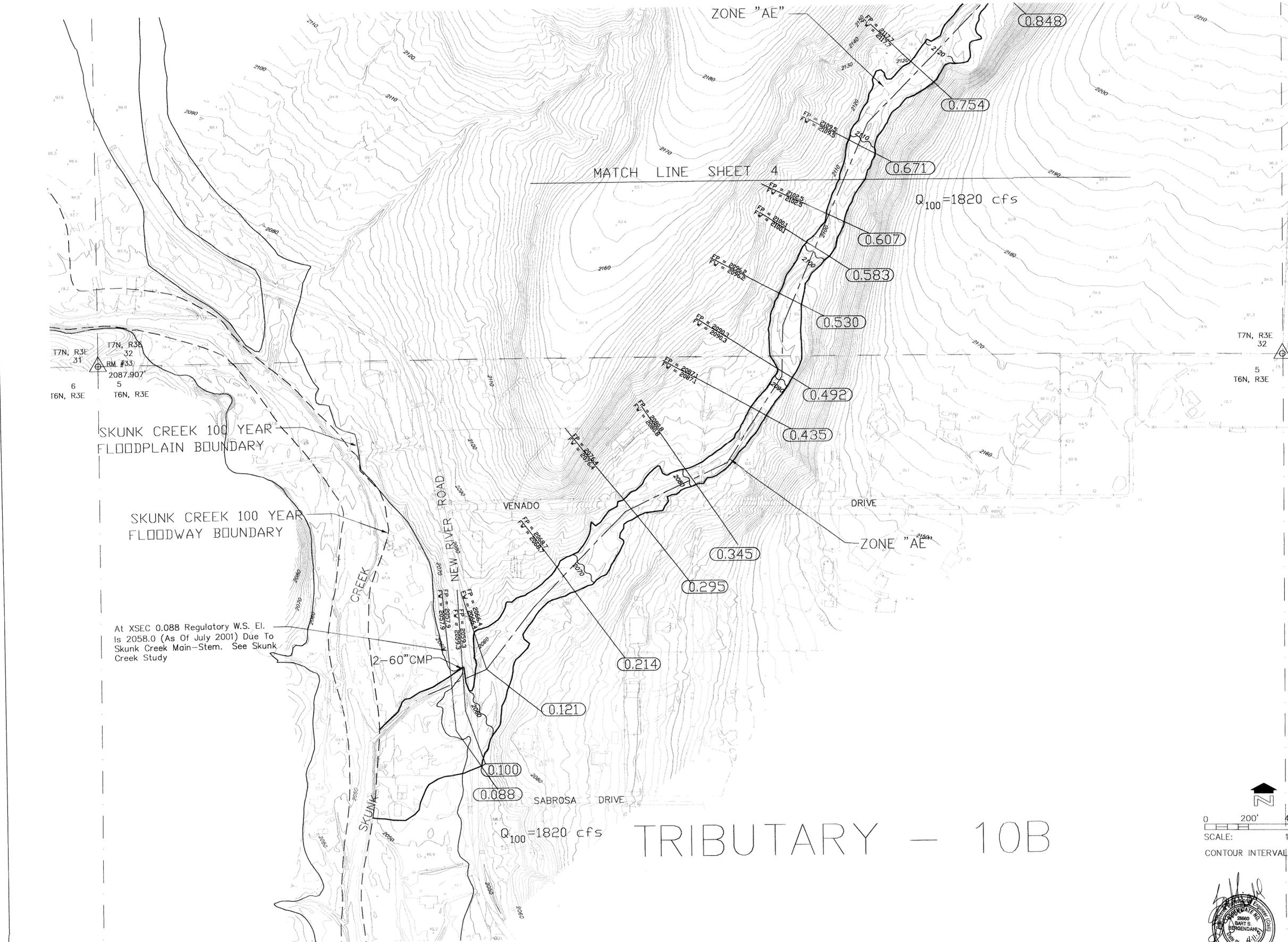
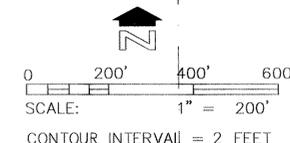
INDEX MAP



NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

sla SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	BSB	1/2000	RECOMMENDED BY:
PLANS	ML	1/2000	APPROVED BY:
PLANS CHK.	BSB	1/2000	SHEET
SUBMITTED BY:			DATE: 3 OF 8



TRIBUTARY - 10B

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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION FP=FLOODPLAIN WSE (1.432) FW=FLOODWAY WSE
- BASE FLOOD ELEVATION
- ELEVATION REFERENCE MARK Δ RM
- BUILDING

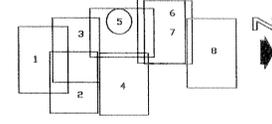
NOTES

1. CROSS-SECTION STATION 10,000 IS THE HYDRAULIC BASELINE.

ELEVATION REFERENCE MARKS

RM#	ELEVATION	DESCRIPTION
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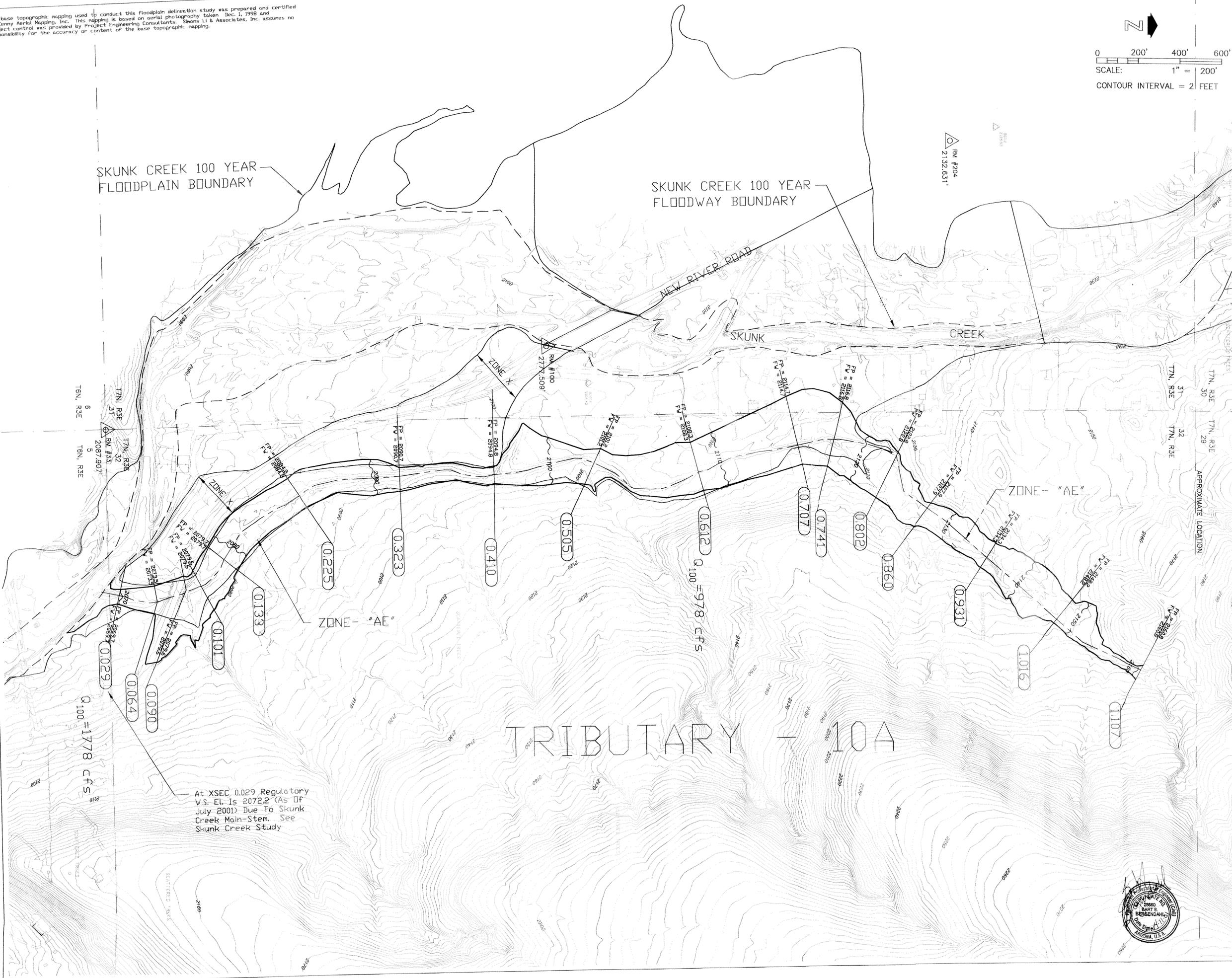
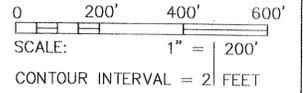
INDEX MAP



NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

sla SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN CHK.	DEJ	1/2000	
PLANS	ML	1/2000	RECOMMENDED BY:
PLANS CHK.	BSB	1/2000	APPROVED BY:
SUBMITTED BY:	SHEET		DATE:



At XSEC 0.029 Regulatory V.S. EL. Is 2072.2 (As Of July 2001) Due To Skunk Creek Main-Stem. See Skunk Creek Study



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FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

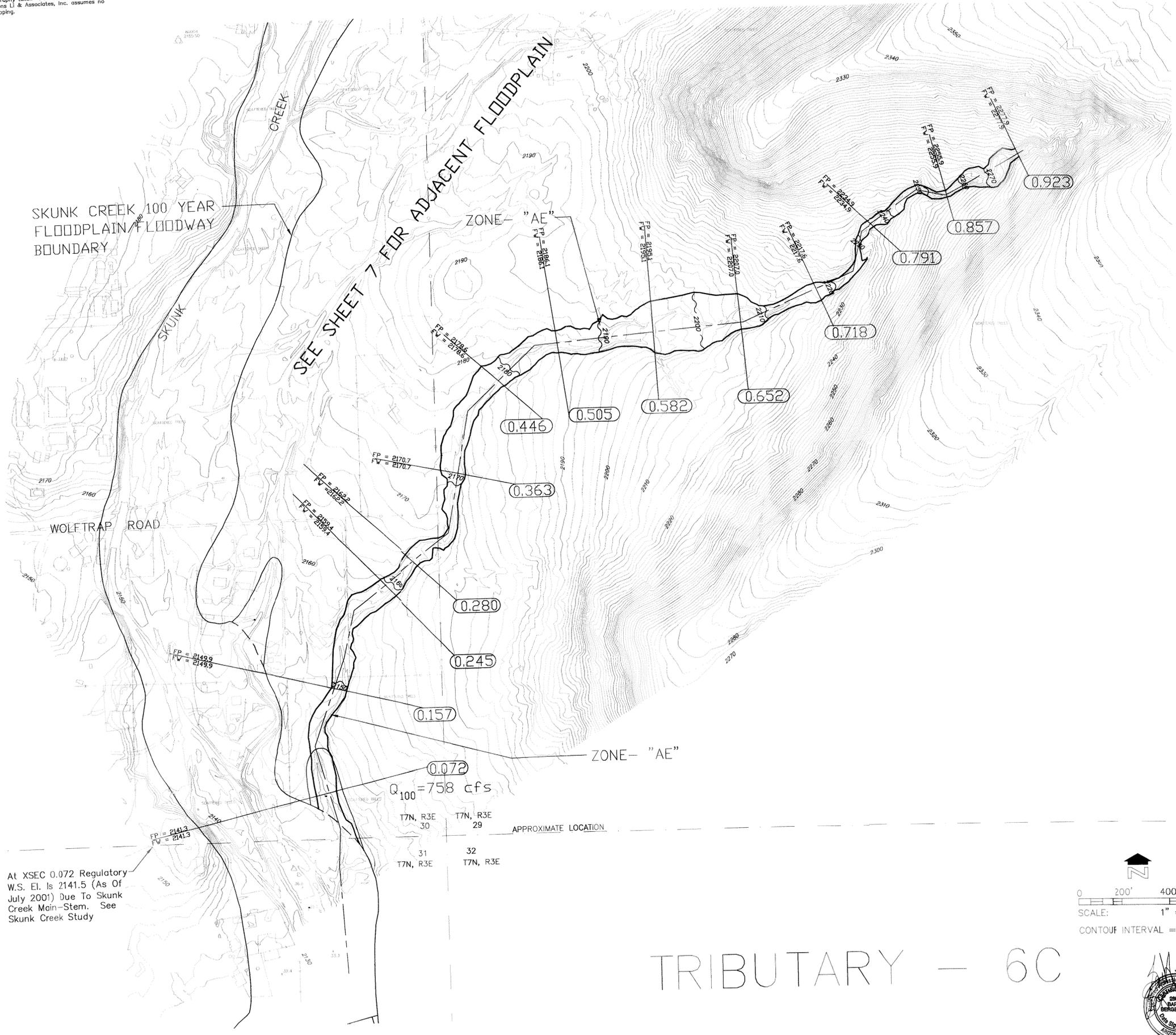
- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION $\frac{FP - \text{FLOODPLAIN WSE}}{FW - \text{FLOODWAY WSE}} (1.432)$
- BASE FLOOD ELEVATION
- ELEVATION REFERENCE MARK Δ^{RM}
- BUILDING

NOTES

1. CROSS-SECTION STATION 10,000 IS THE HYDRAULIC BASELINE.

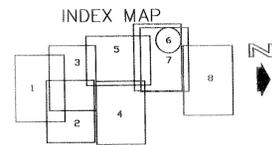
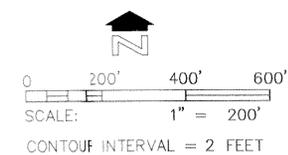
ELEVATION REFERENCE MARKS

RM#	ELEVATION	DESCRIPTION
15	2062.913	MCHD Brass Cap @inters. New River Rd. and Circle Mtn. Rd.
33	2087.907	Gen.Land Office Brass Cap N.E. Cor. Sect.6, T6N,R3E
34	2176.988	Gen.Land Office Brass Cap N.E. Cor. Sect.5, T6N,R3E
35	2256.499	Gen.Land Office Brass Cap N.1/4 Cor. Sect.29, T7N, R3E
36	2222.419	Gen.Land Office Brass Cap N.E. Cor. Sect.30, T7N, R3E
37	2434.413	Gen.Land Office Brass Cap E.1/4 Cor. Sect.20, T7N, R3E
100	2111.509	MCHD Brass Cap @top W. barrier wall, New River Rd. over Skunk Creek
105	2103.002	Brass Cap @top Headwall S. side Circle Mtn. Rd. 1/2 Mi. E. New River Rd.
204	2132.631	Fd. Iron Bar, H.H. 1/4 Mi. N. of New River Rd. Bridge over Skunk Creek, W. Side
2010	2038.517	Gen.Land Office Brass Cap N.E. Cor. Sect.7, T6N, R3E



At XSEC 0.072 Regulatory W.S. El. is 2141.5 (As Of July 2001) Due To Skunk Creek Main-Stem. See Skunk Creek Study

APPROXIMATE LOCATION
T7N, R3E 30 T7N, R3E 29
T7N, R3E 31 T7N, R3E 32



NOTE: ALL ELEVATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929

sla SIMONS, LI & ASSOCIATES, INC.

DESIGN	BY	DATE	FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
DESIGN	LX	1/2000	
DESIGN CHK.	BSB	1/2000	
PLANS	ML	1/2000	RECOMMENDED BY: DATE
PLANS CHK.	BSB	1/2000	APPROVED BY: DATE
SUBMITTED BY:			SHEET



TRIBUTARY - 6C

The base topographic mapping used to conduct this floodplain delineation study was prepared and certified by Kenny Aerial Mapping, Inc. This mapping is based on aerial photography taken Dec. 1, 1998 and project control was provided by Project Engineering Consultants, Simons Li & Associates, Inc. assumes no responsibility for the accuracy or content of the base topographic mapping.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

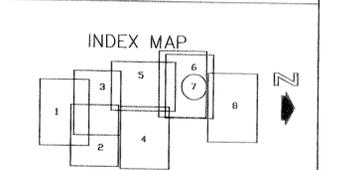
- SECTION LINE
- 100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY
- FLOODWAY BOUNDARY
- HYDRAULIC BASE LINE
- CROSS-SECTION $FP=FLOODPLAIN\ WSE\ (1.432)$
 $FW=FLOODWAY\ WSE\ (1.432)$
- BASE FLOOD ELEVATION ~ 1180
- ELEVATION REFERENCE MARK $\triangle RM$
- BUILDING

NOTES

1. CROSS-SECTION STATION 10,000 IS THE HYDRAULIC BASELINE.

ELEVATION REFERENCE MARKS

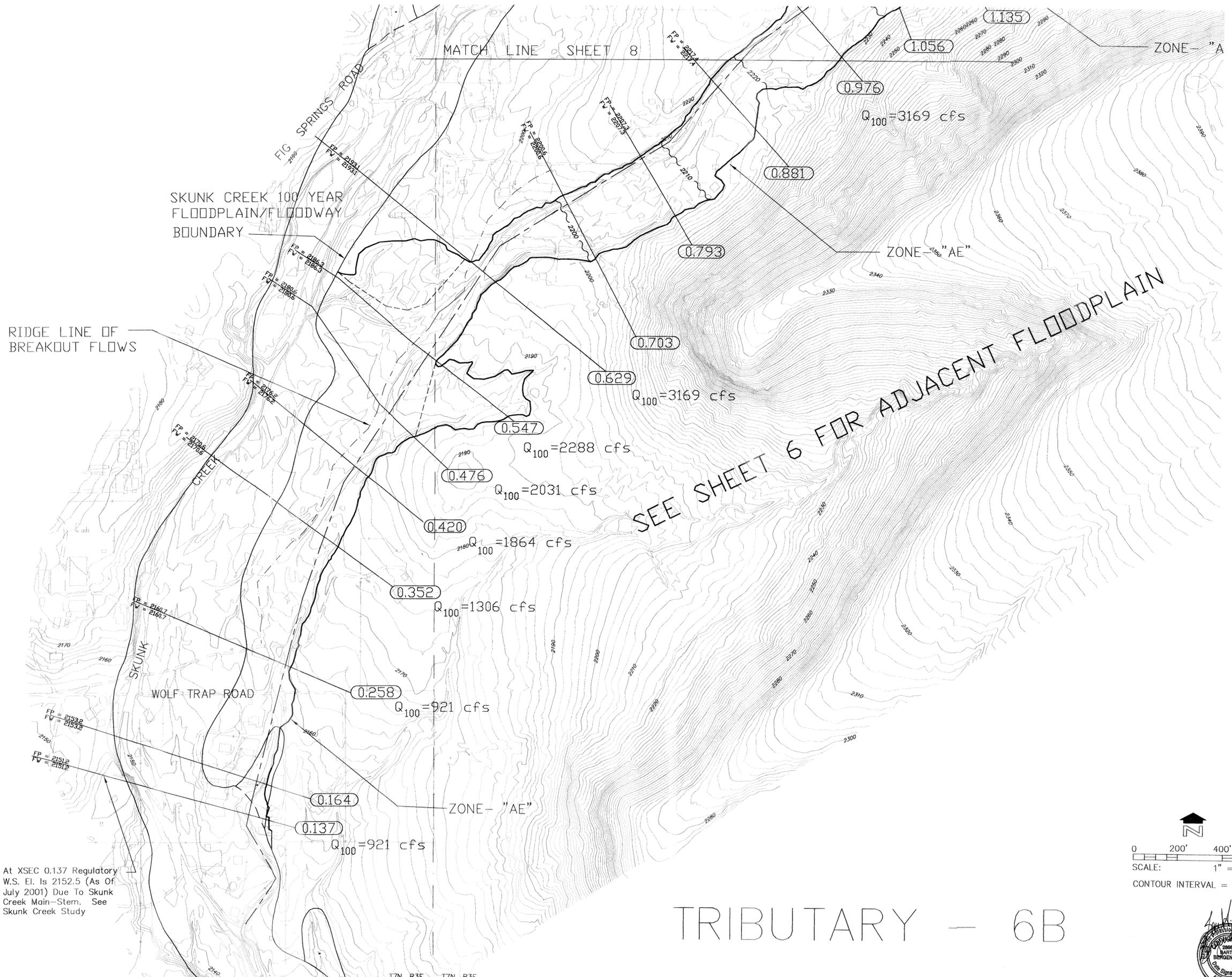
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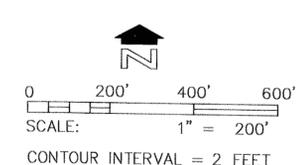
sla SIMONS, LI & ASSOCIATES, INC.

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PLANS	ML	1/2000	APPROVED BY:
PLANS CHK.	BSB	1/2000	DATE:
SUBMITTED BY:		SHEET	DATE:
		7	OF 8



SEE SHEET 6 FOR ADJACENT FLOODPLAIN

TRIBUTARY - 6B



T7N, R3E 30 T7N, R3E 29 APPROXIMATE LOCATION

The base topographic mapping used to conduct this floodplain delineation study was prepared and certified by Kerry Aerial Mapping, Inc. This mapping is based on aerial photography taken Dec. 1, 1998 and project control was provided by Project Engineering Consultants, Simons Li & Associates, Inc. assumes no responsibility for the accuracy or content of the base topographic mapping.

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY

TOPOGRAPHIC MAPPING AND FLOODPLAIN DELINEATION STUDY FOR TRIBUTARIES TO SKUNK CREEK

MARICOPA COUNTY, ARIZONA

F.C.D. CONTRACT NO. 98-22

LEGEND

SECTION LINE	---
100-YEAR FLOODPLAIN/FLOODWAY BOUNDARY	---
FLOODWAY BOUNDARY	---
HYDRAULIC BASE LINE	---
CROSS-SECTION	FP=FLOODPLAIN WSE (1.432) FW=FLOODWAY WSE
BASE FLOOD ELEVATION	~1180~
ELEVATION REFERENCE MARK	△ RM
BUILDING	□

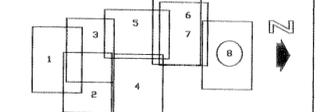
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INDEX MAP



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