

FLOOD INSURANCE STUDY



SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

VOLUME 7 OF 7

Community Name	Community Number
CARLSBAD, CITY OF	060285
CHULA VISTA, CITY OF	065021
CORONADO, CITY OF	060287
DEL MAR, CITY OF	060288
EL CAJON, CITY OF	060289
ENCINITAS, CITY OF	060726
ESCONDIDO, CITY OF	060290
IMPERIAL BEACH, CITY OF	060291
LA MESA, CITY OF	060292
LEMON GROVE, CITY OF	060723
NATIONAL CITY, CITY OF	060293
OCEANSIDE, CITY OF	060294
POWAY, CITY OF	060702
SAN DIEGO, CITY OF	060295
SAN DIEGO COUNTY UNINCORPORATED AREAS	060284
SAN MARCOS, CITY OF	060296
SANTEE, CITY OF	060703
SOLANA BEACH, CITY OF	060725
VISTA, CITY OF	060297



REVISED:
SEPTEMBER 29, 2006



Federal Emergency Management Agency
FLOOD INSURANCE STUDY NUMBER
06073CV007B

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

This Preliminary Flood Insurance Study report does not include unrevised Floodway Data Tables or unrevised Flood Profiles. These unrevised components will appear in the final Flood Insurance Study report.

This publication incorporates revisions to the original Flood Insurance Study. These revisions are presented in Section 10.0.

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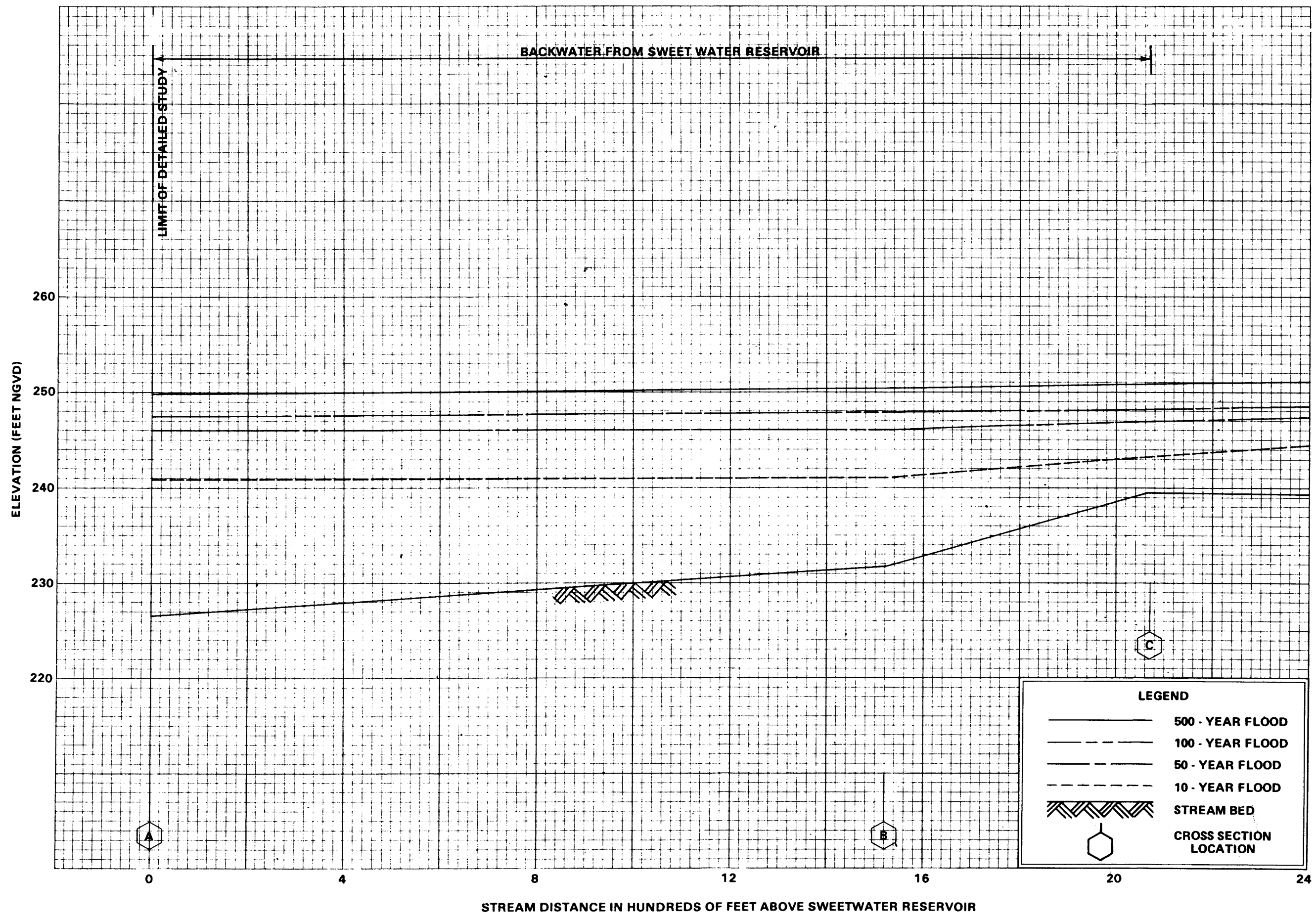
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Panels Not Printed	Panels	352P-365P
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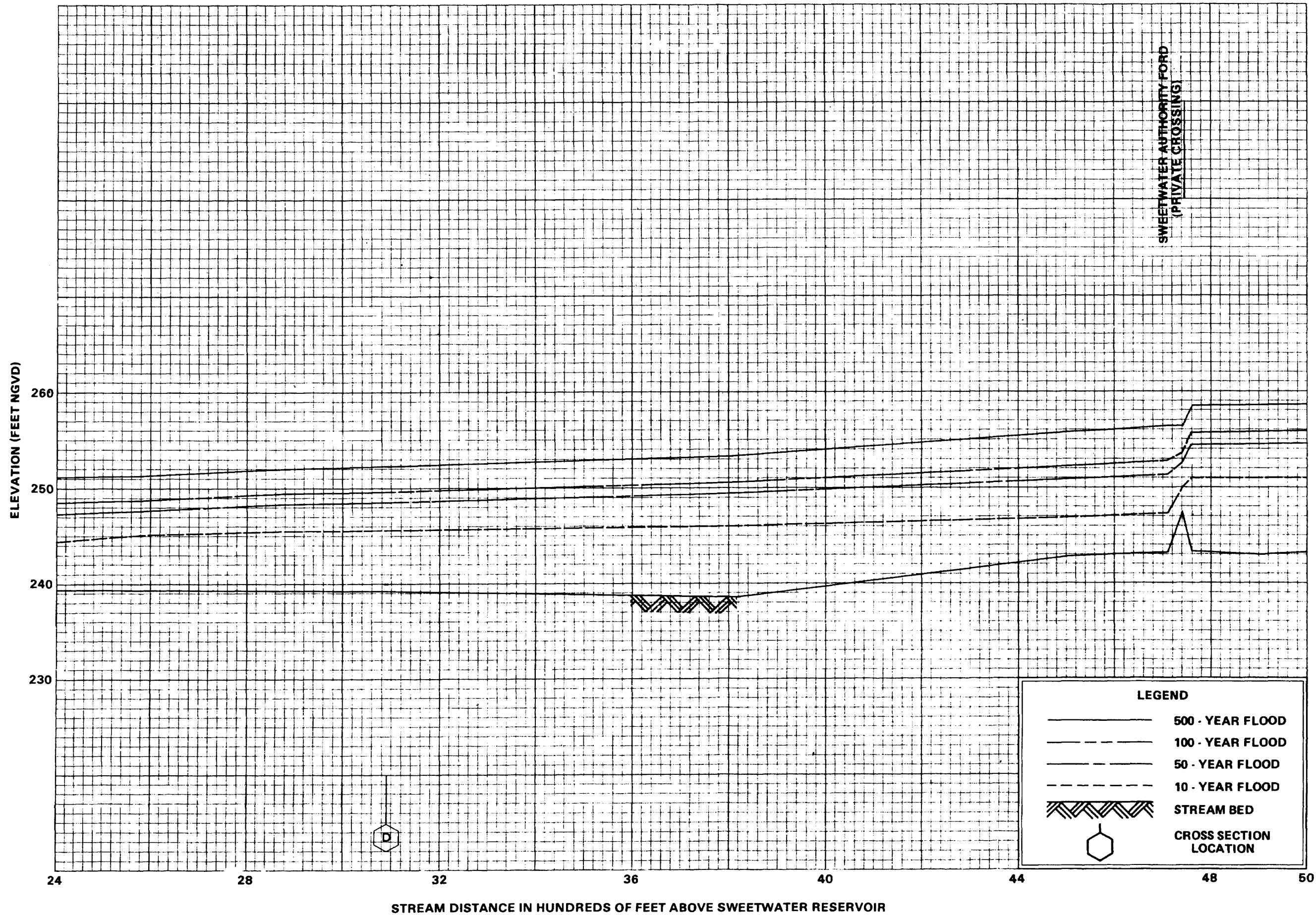
Sweetwater River (Above Reservoir)	Panels	451P-473P
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Flood Insurance Rate Map



FEDERAL EMERGENCY MANAGEMENT AGENCY
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FLOOD PROFILES
 SWEETWATER RIVER (ABOVE RESERVOIR)



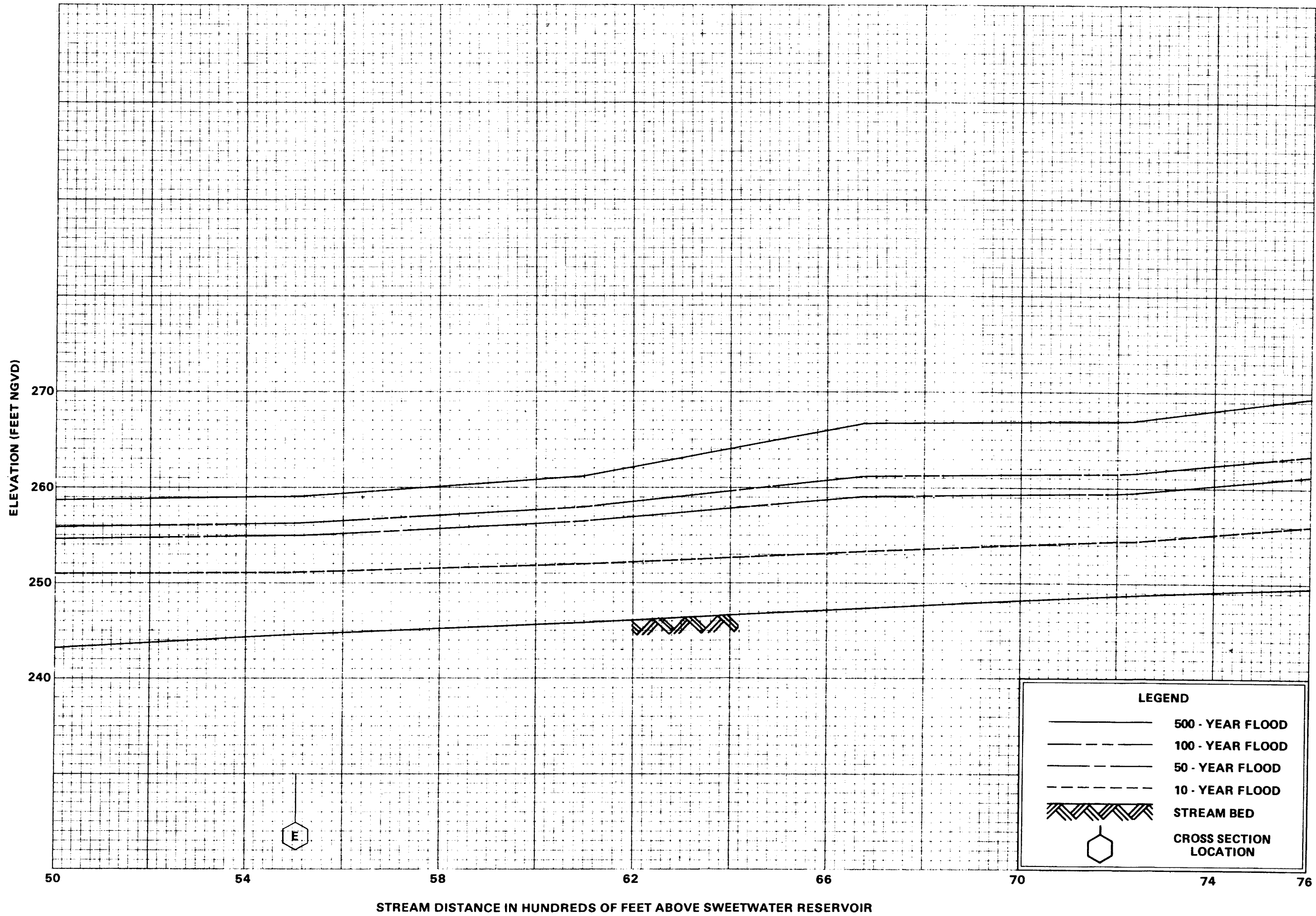
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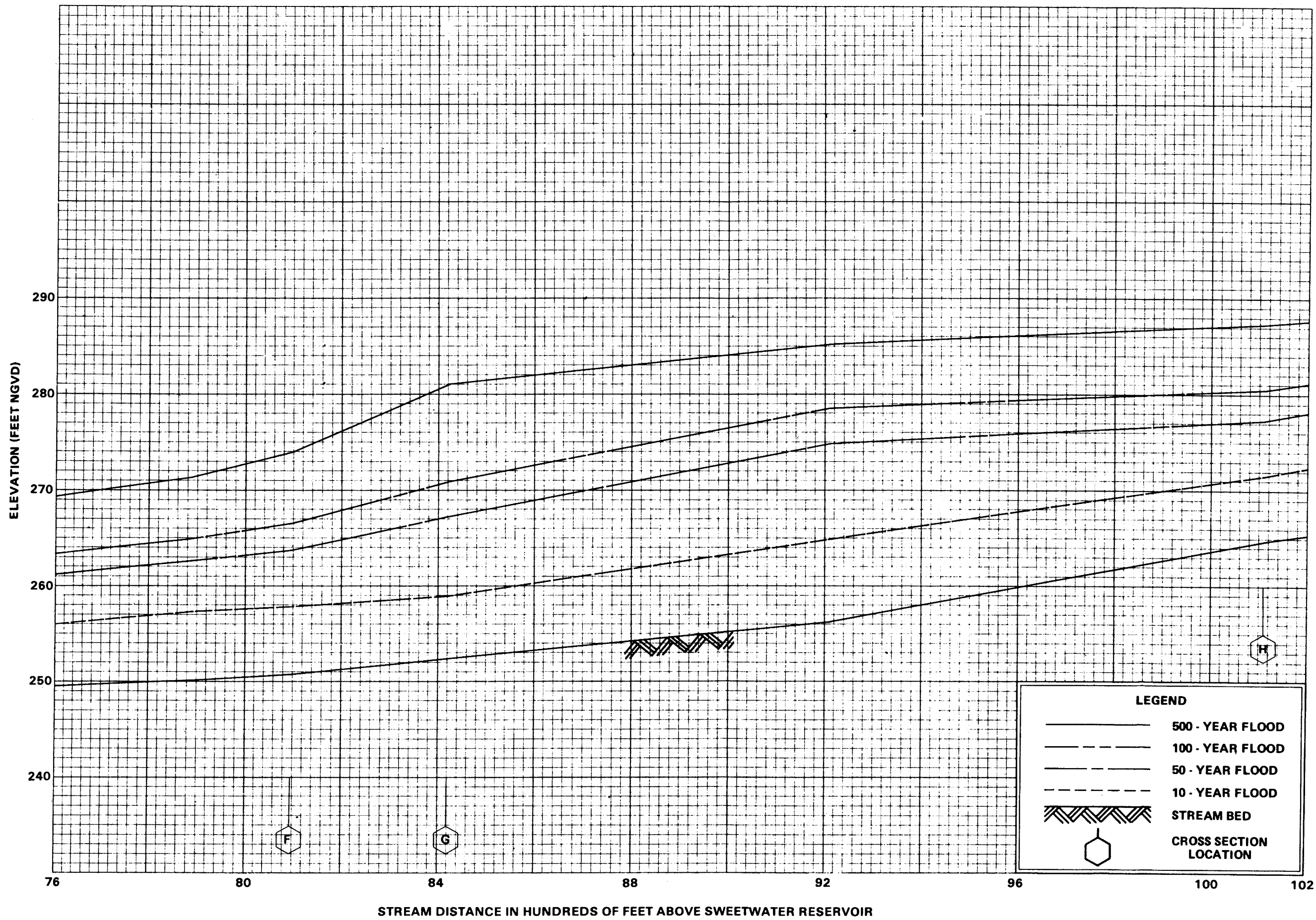


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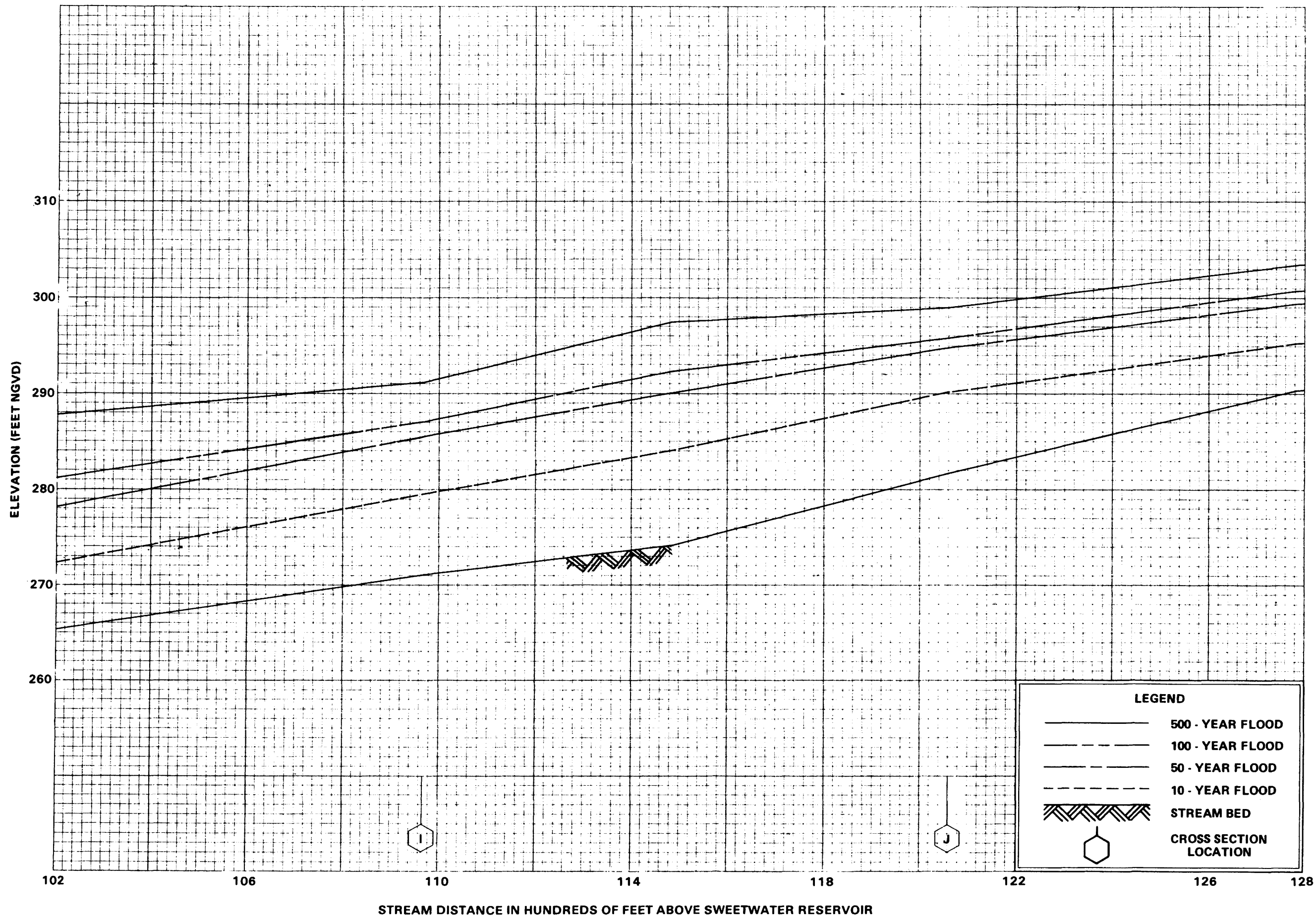
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FLOOD PROFILES

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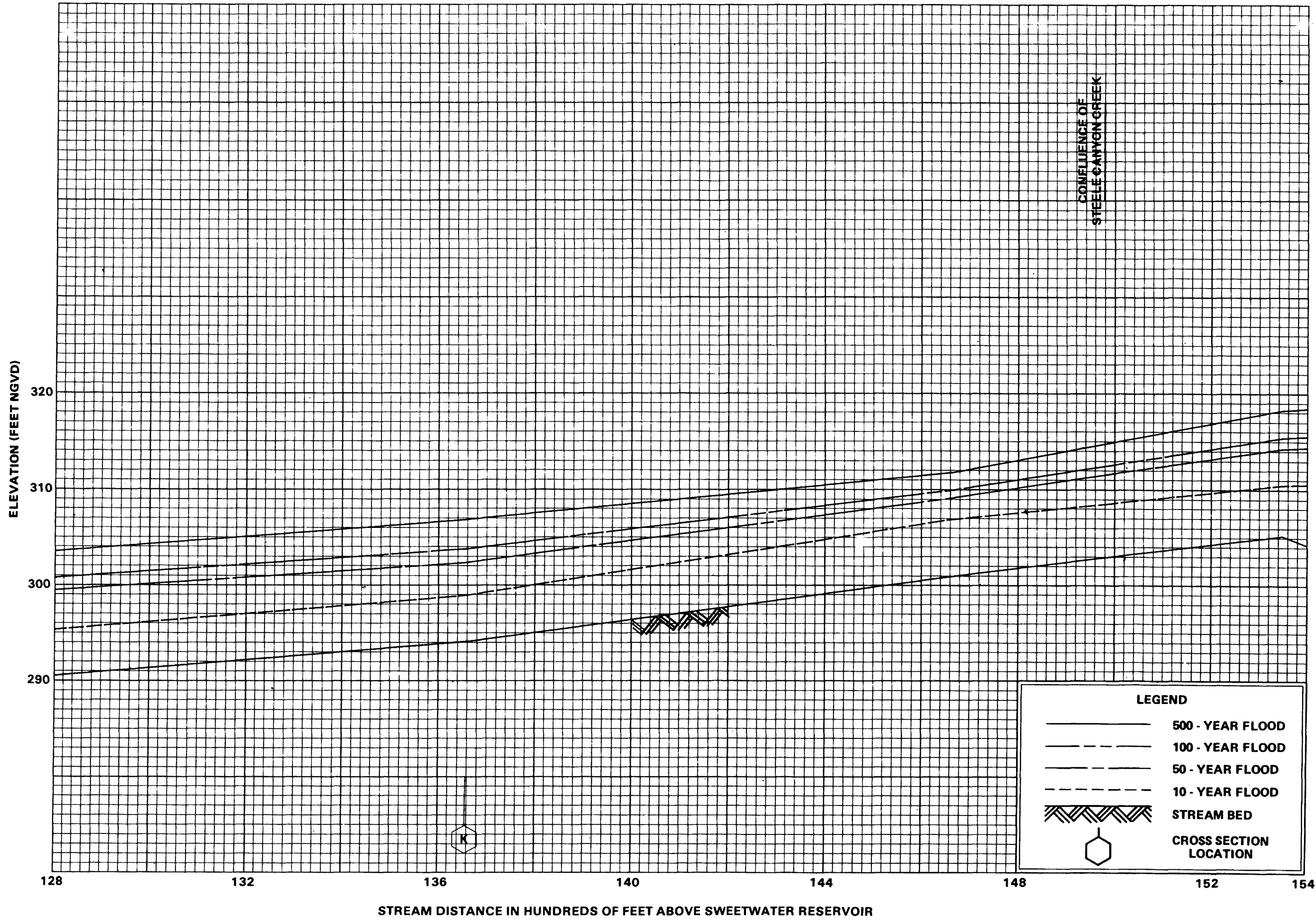
FLOOD PROFILES

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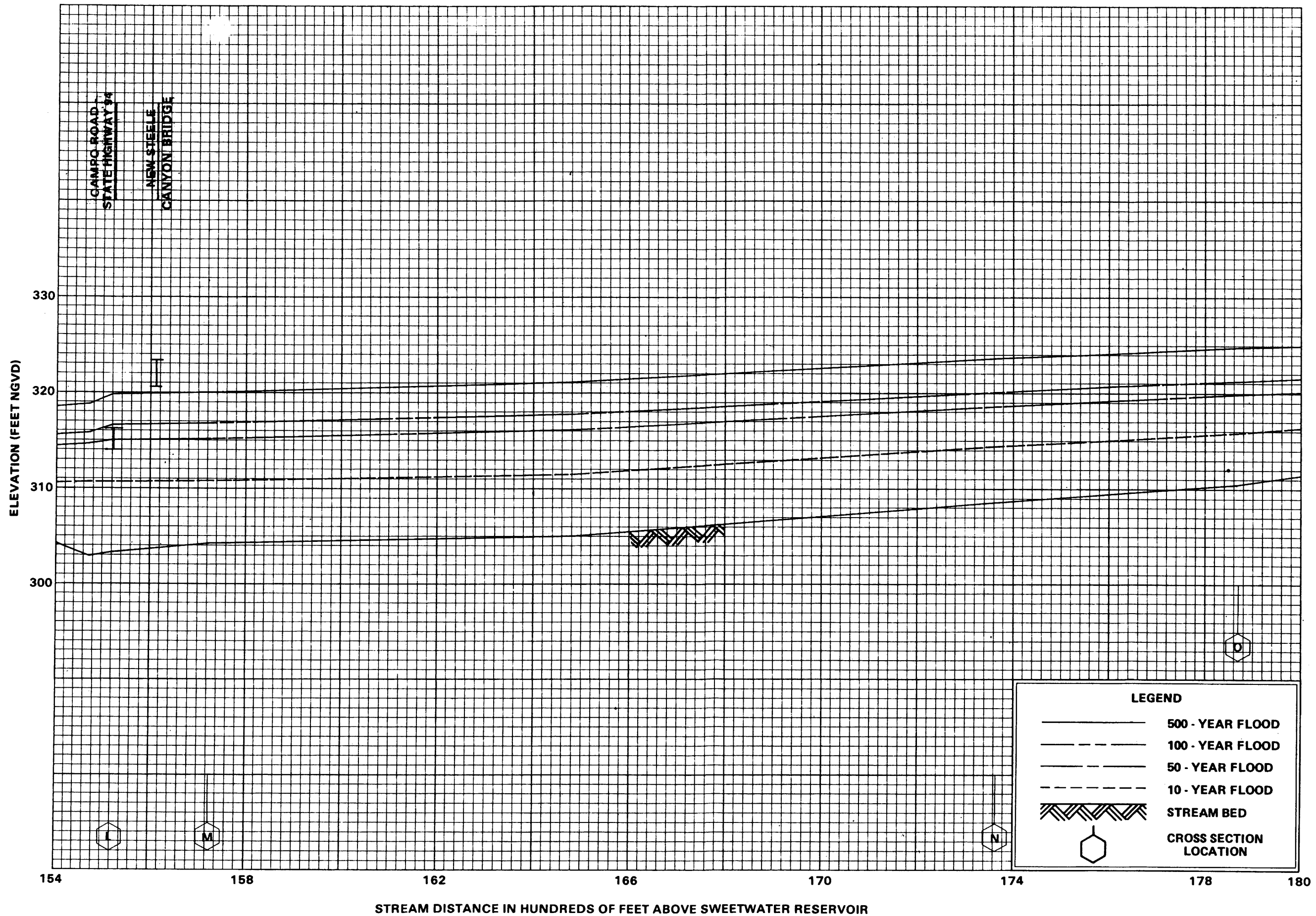


LEGEND

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

FLOOD PROFILES
SWEETWATER RIVER (ABOVE RESERVOIR)

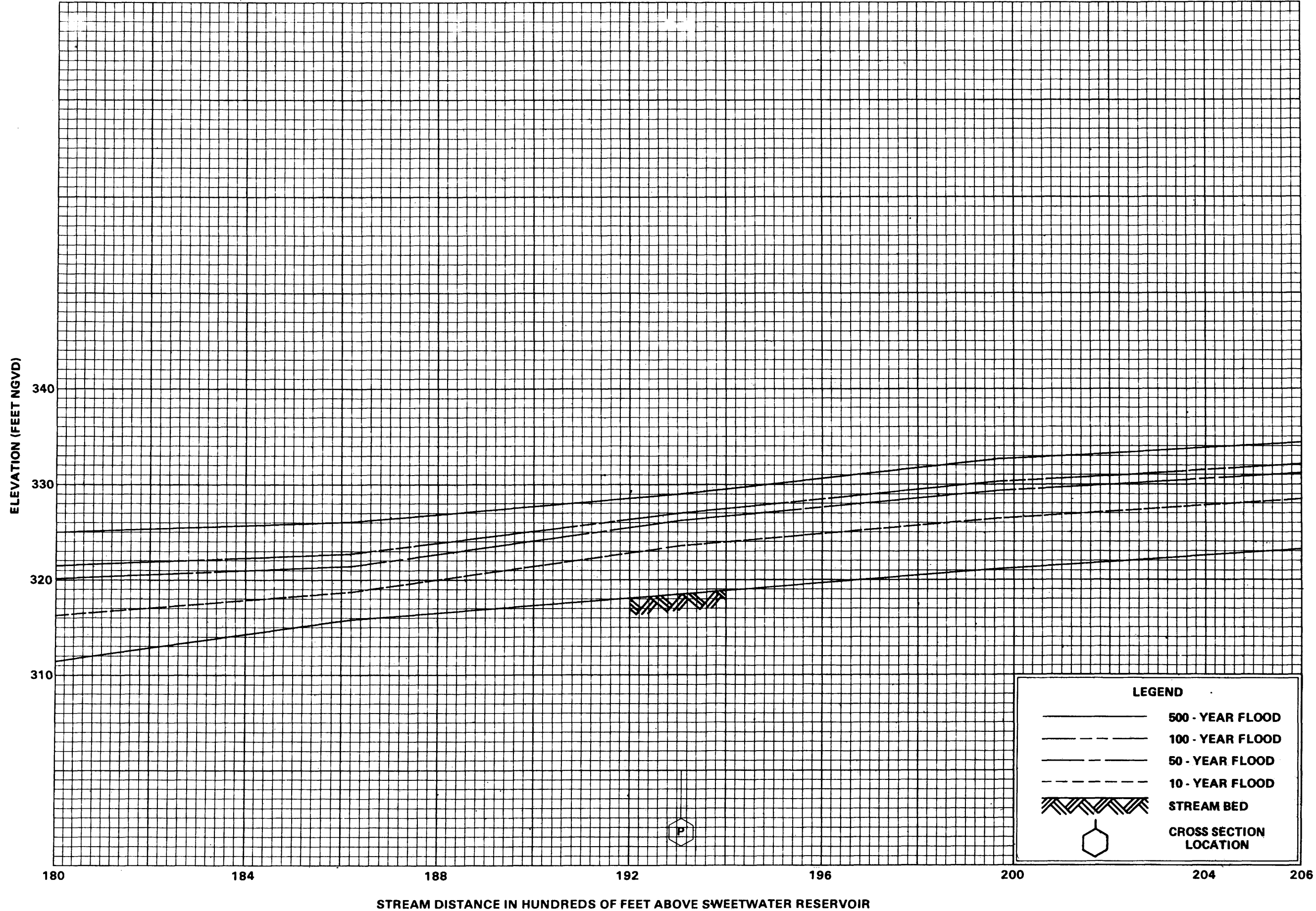
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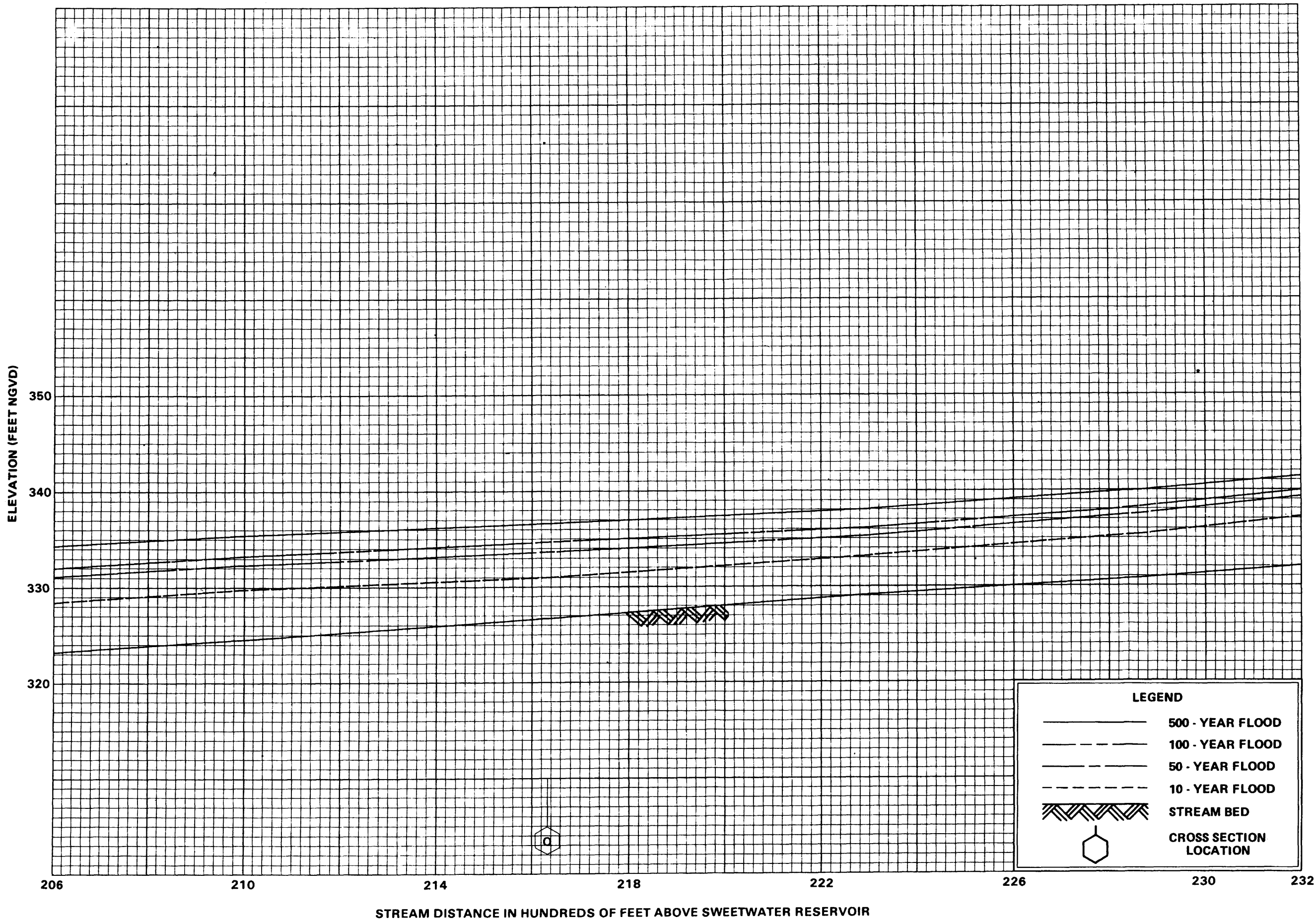


FLOOD PROFILES

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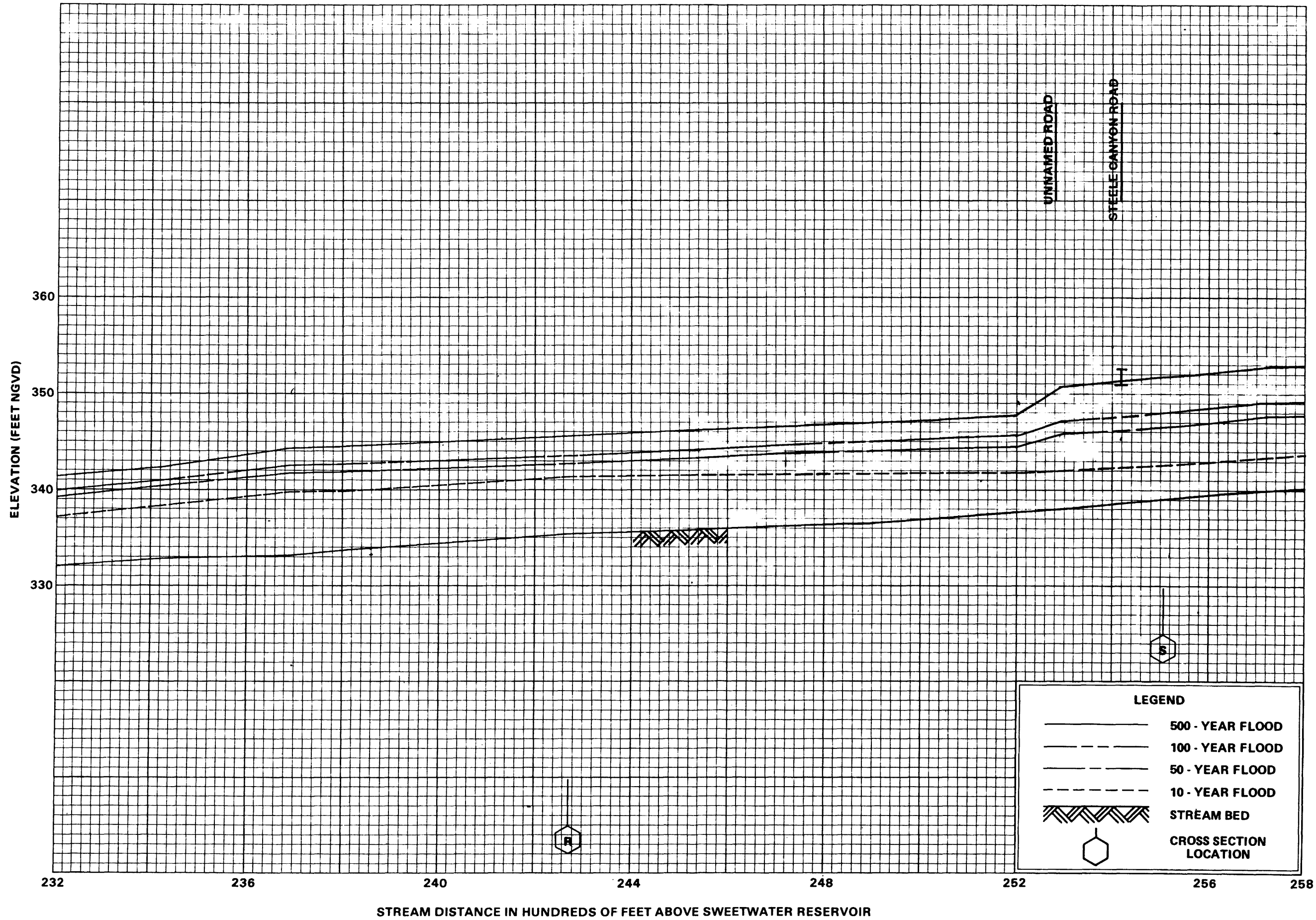


FLOOD PROFILES

SWEETWATER RIVER (ABOVE RESERVOIR)

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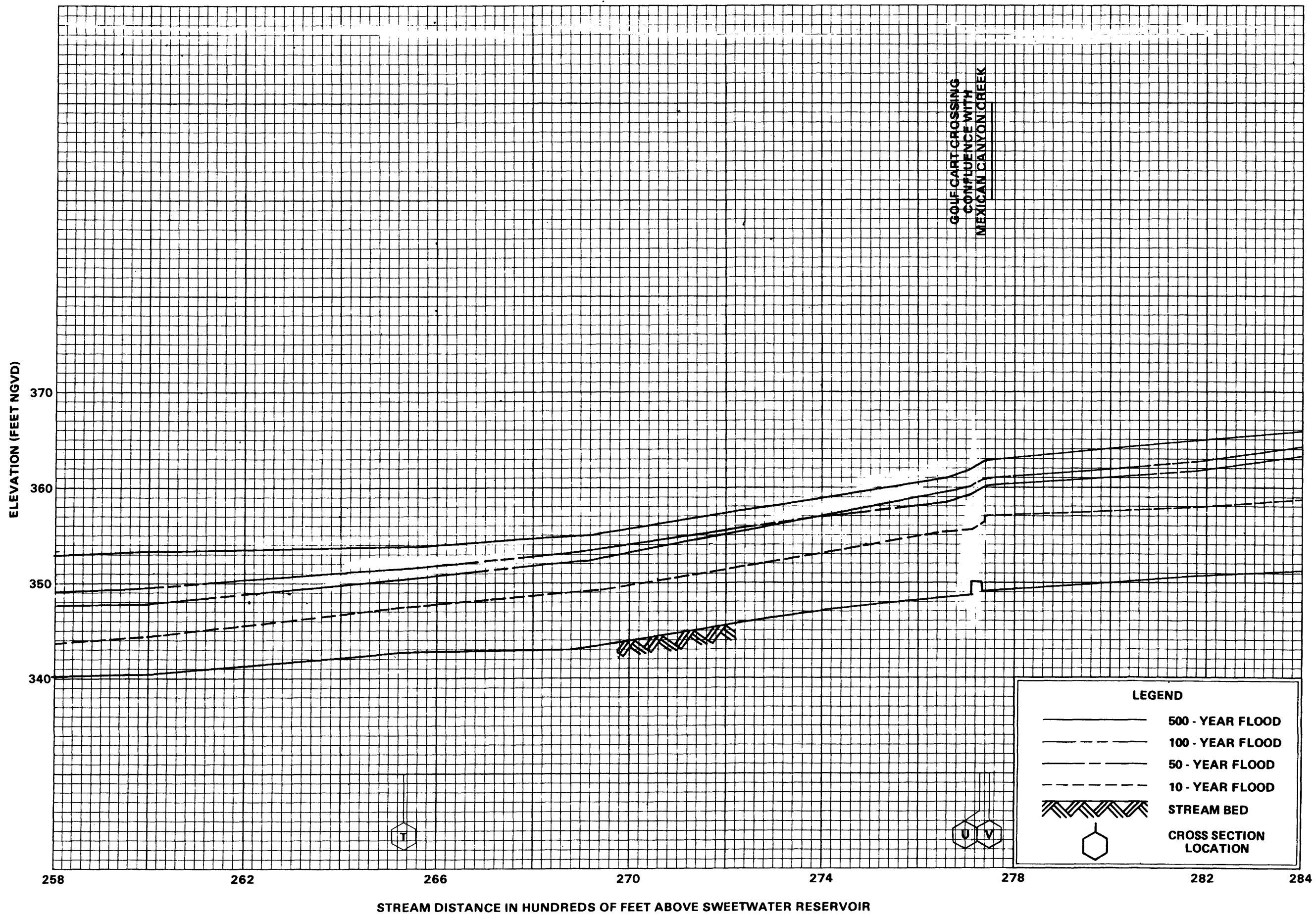
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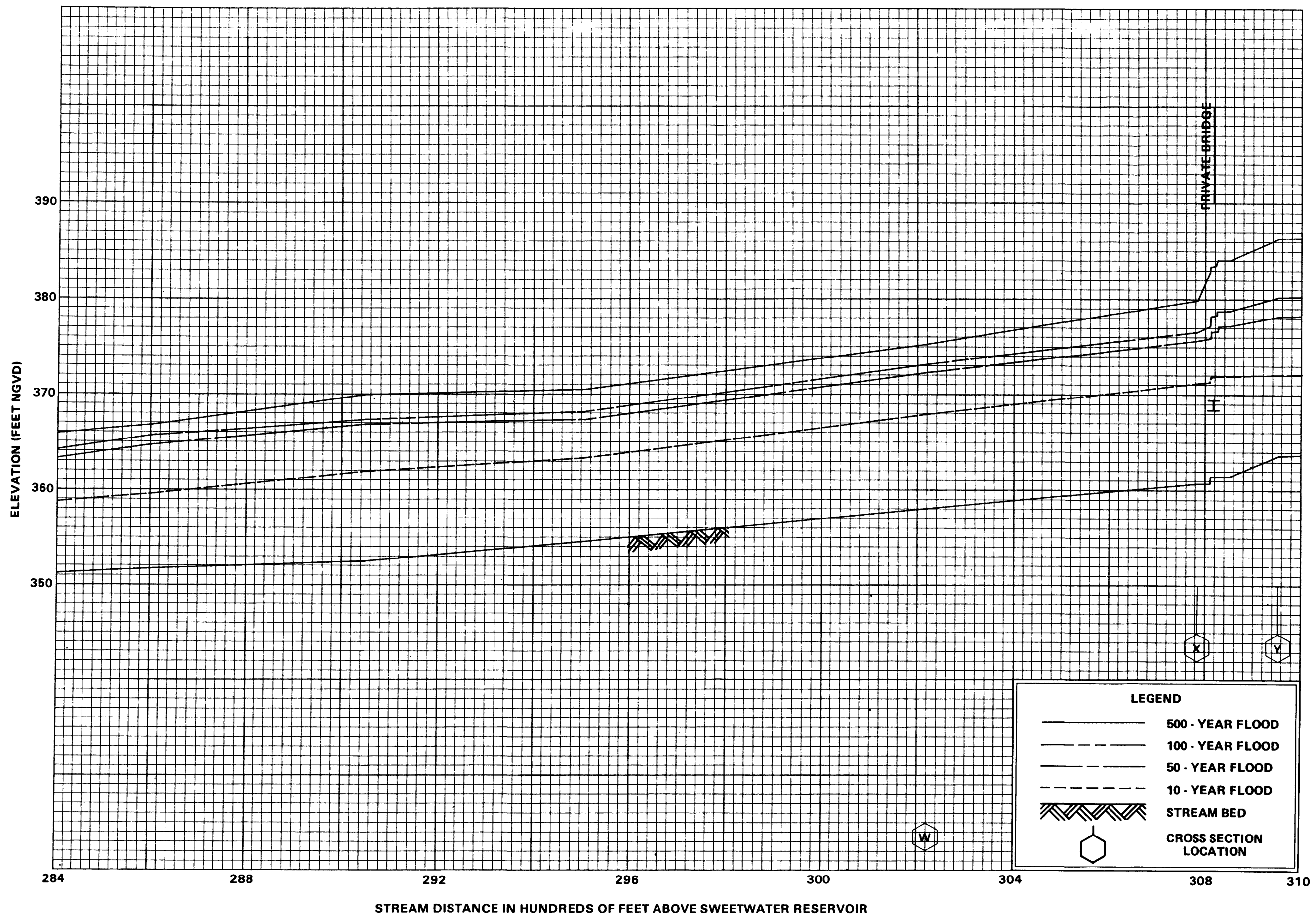
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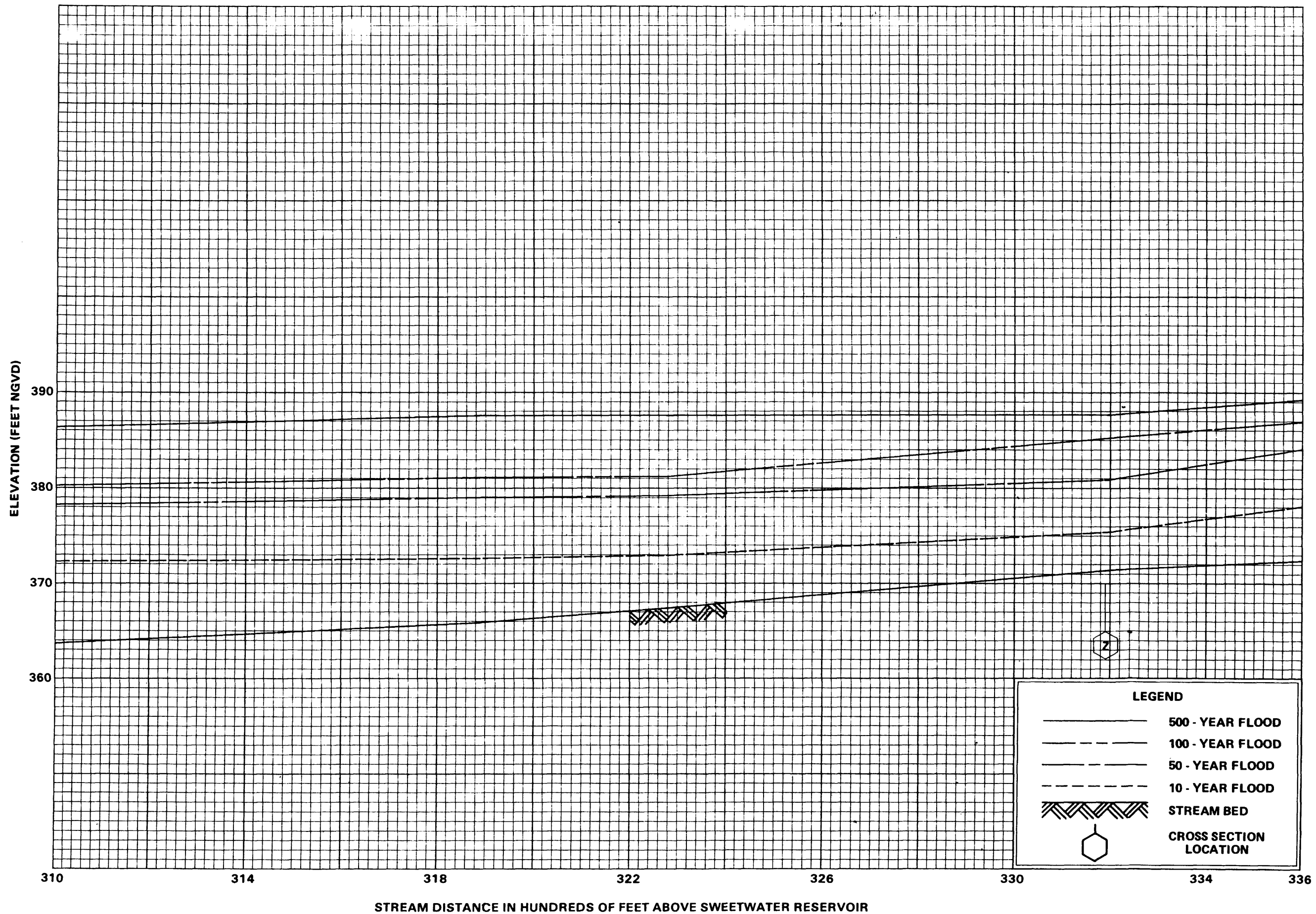
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
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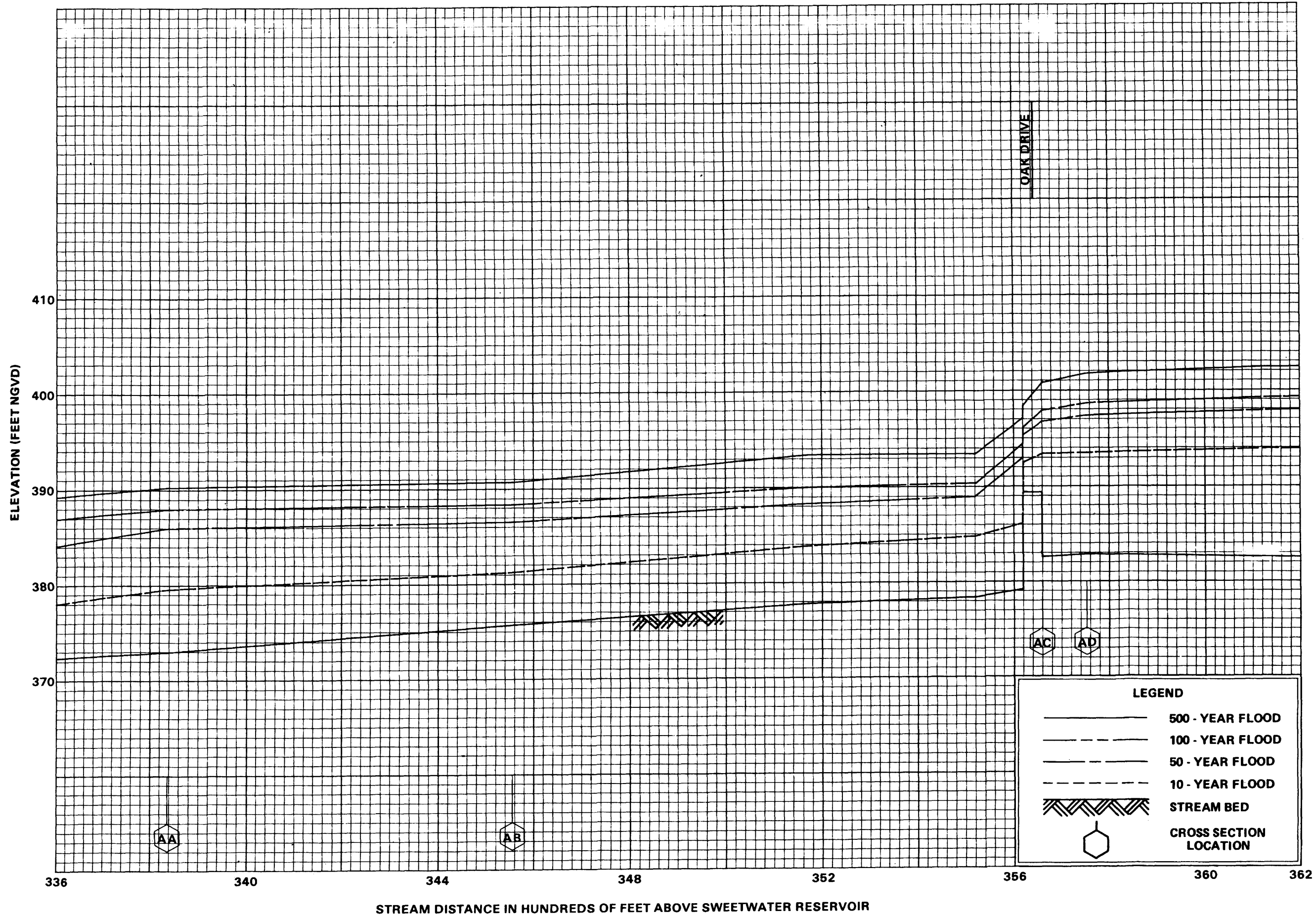
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FLOOD PROFILES

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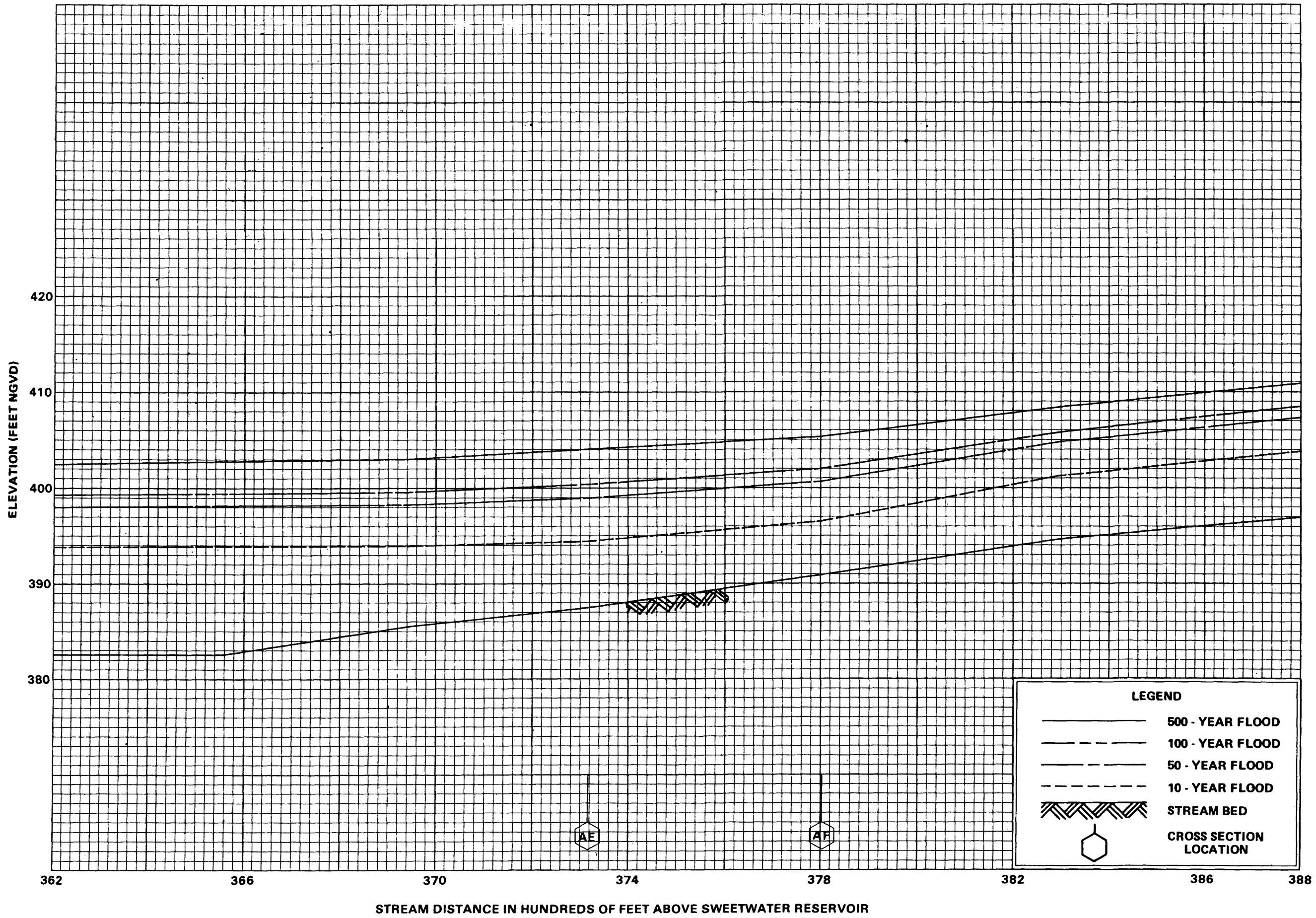
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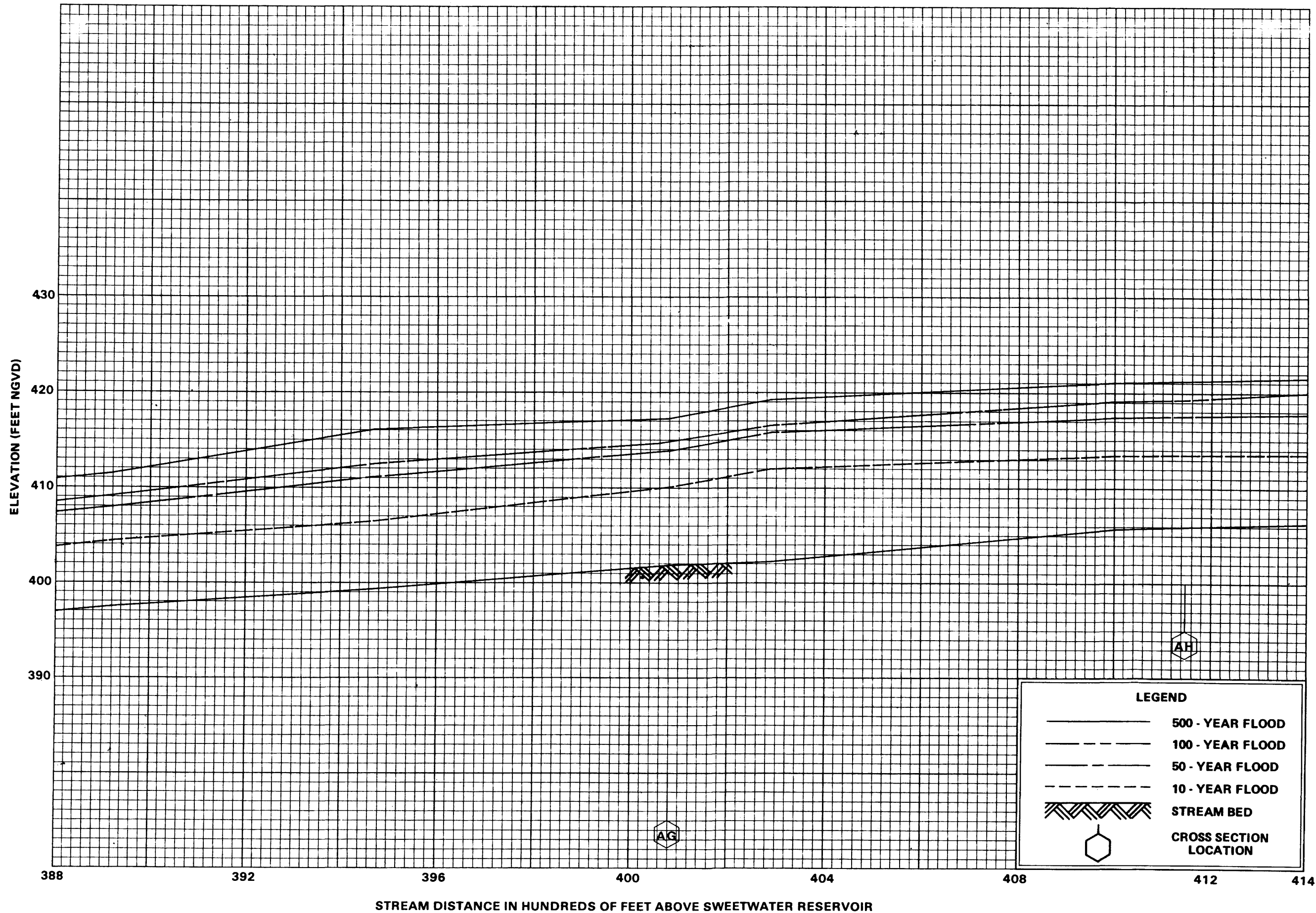
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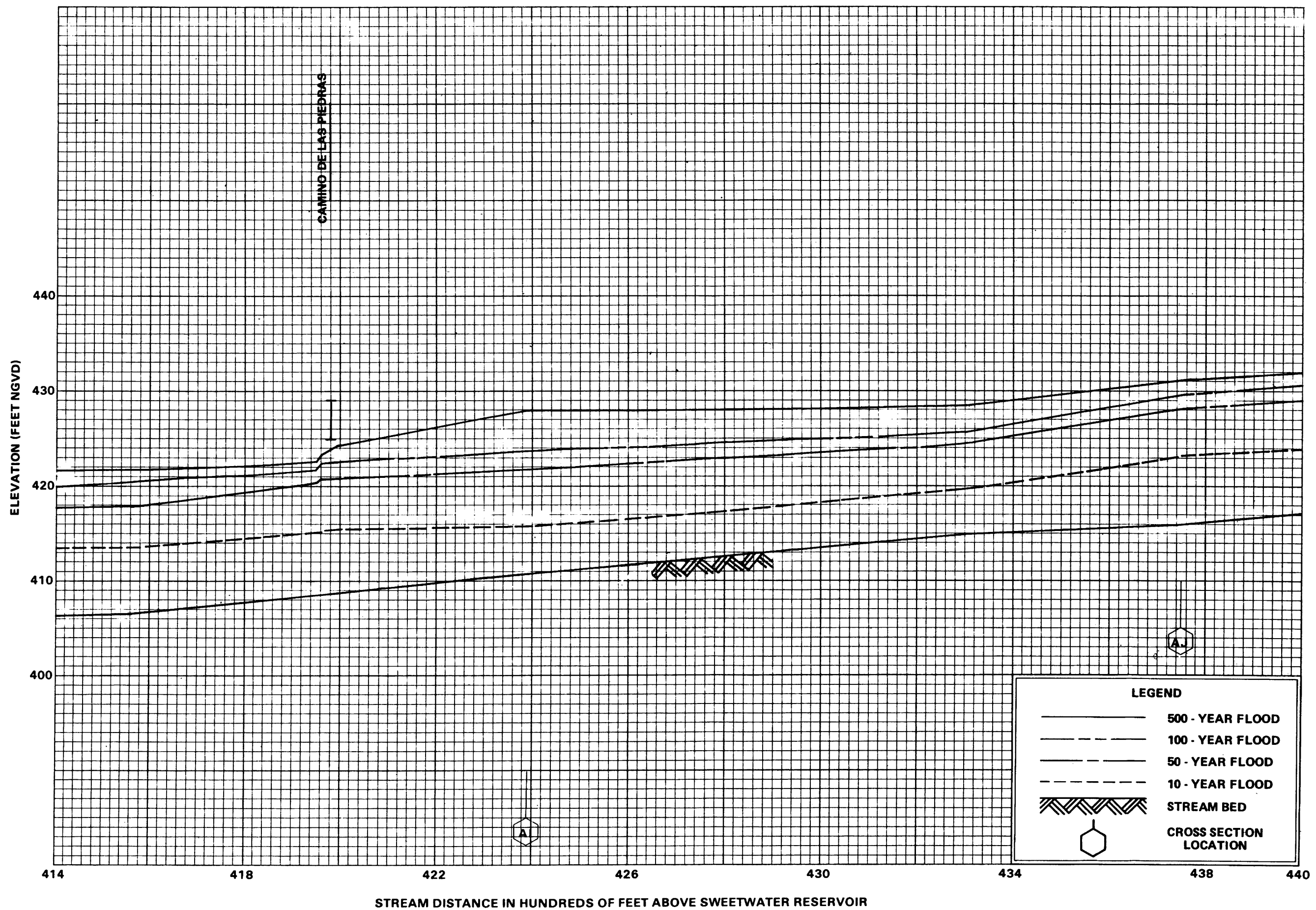
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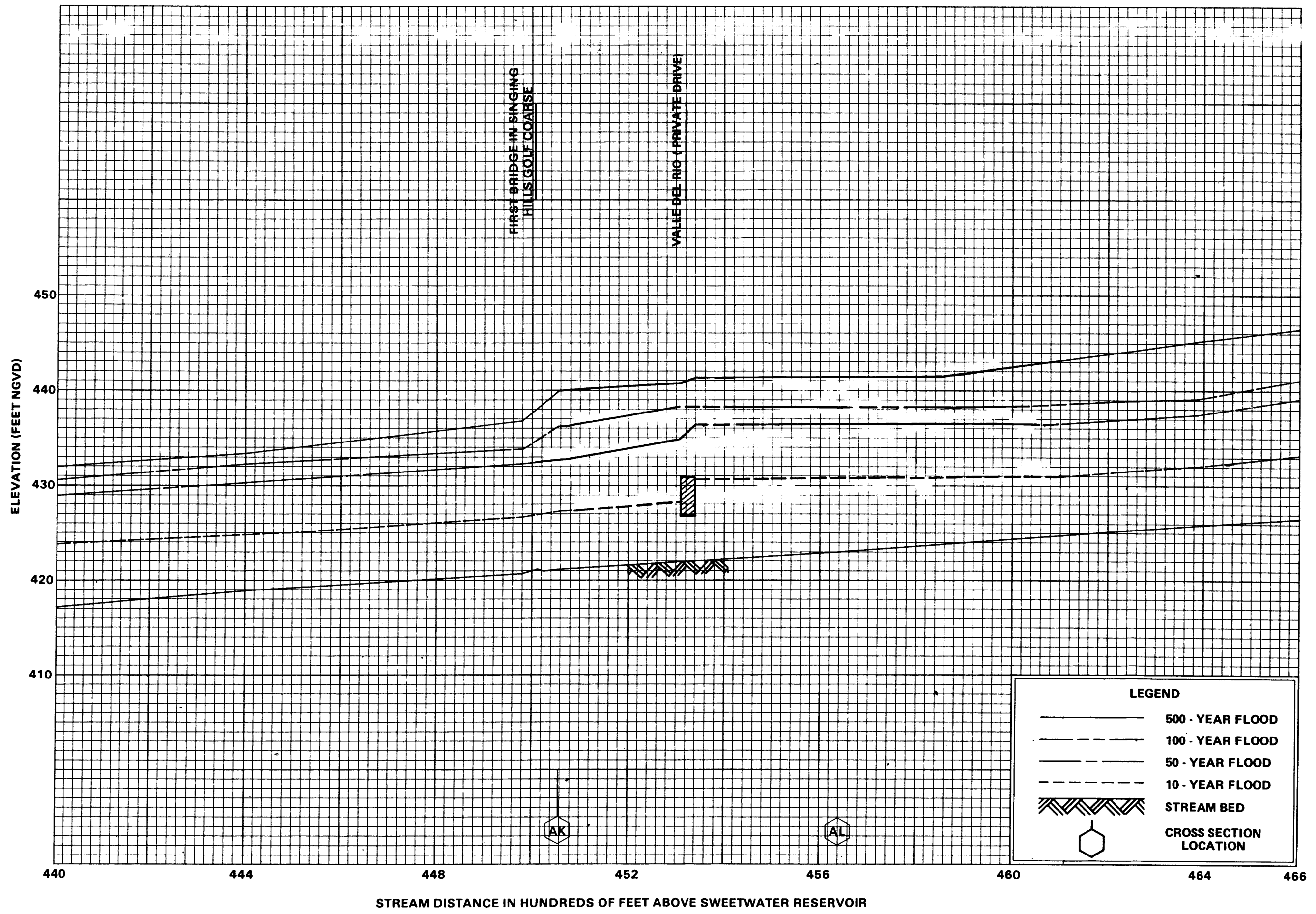


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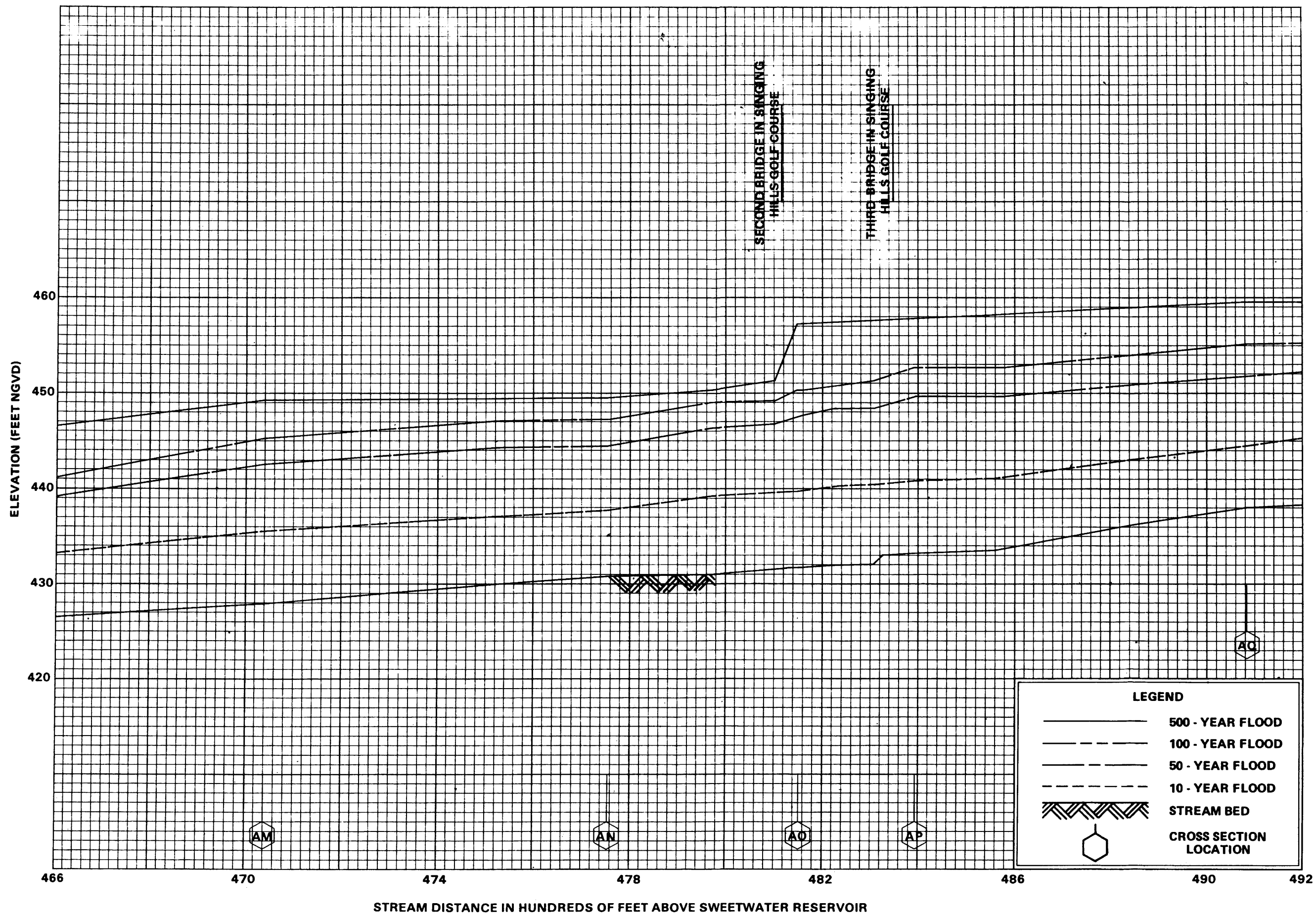


FLOOD PROFILES

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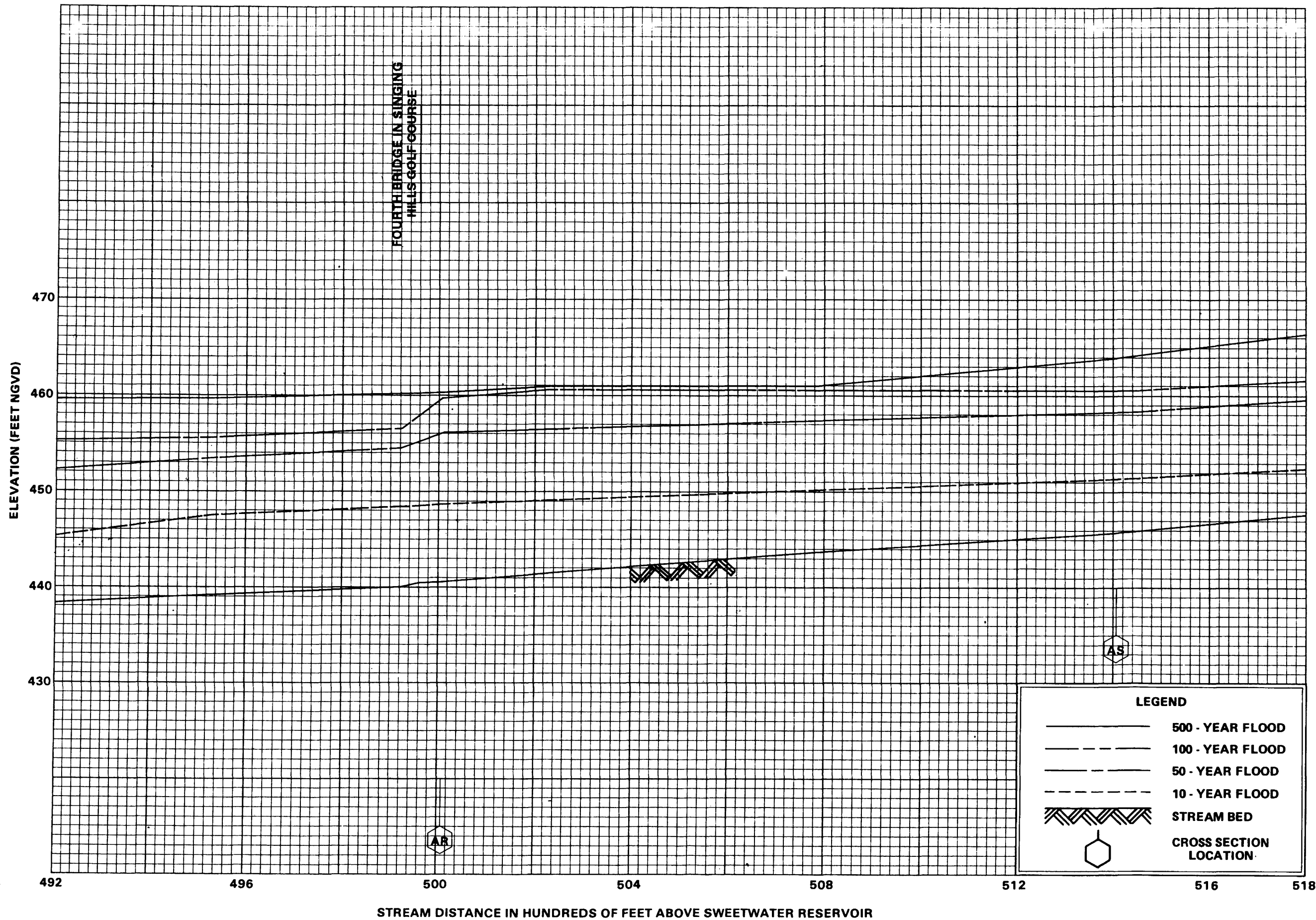
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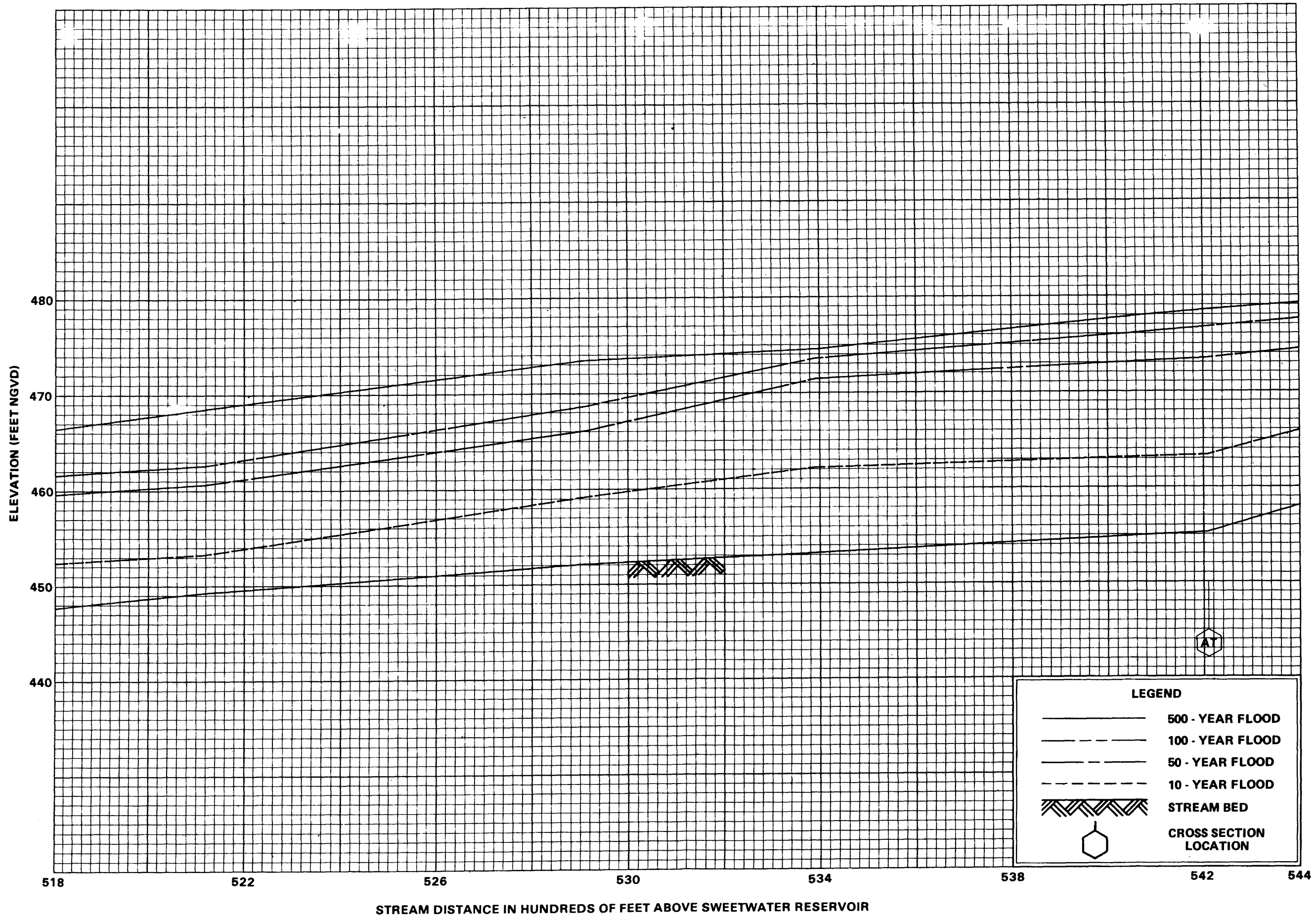
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
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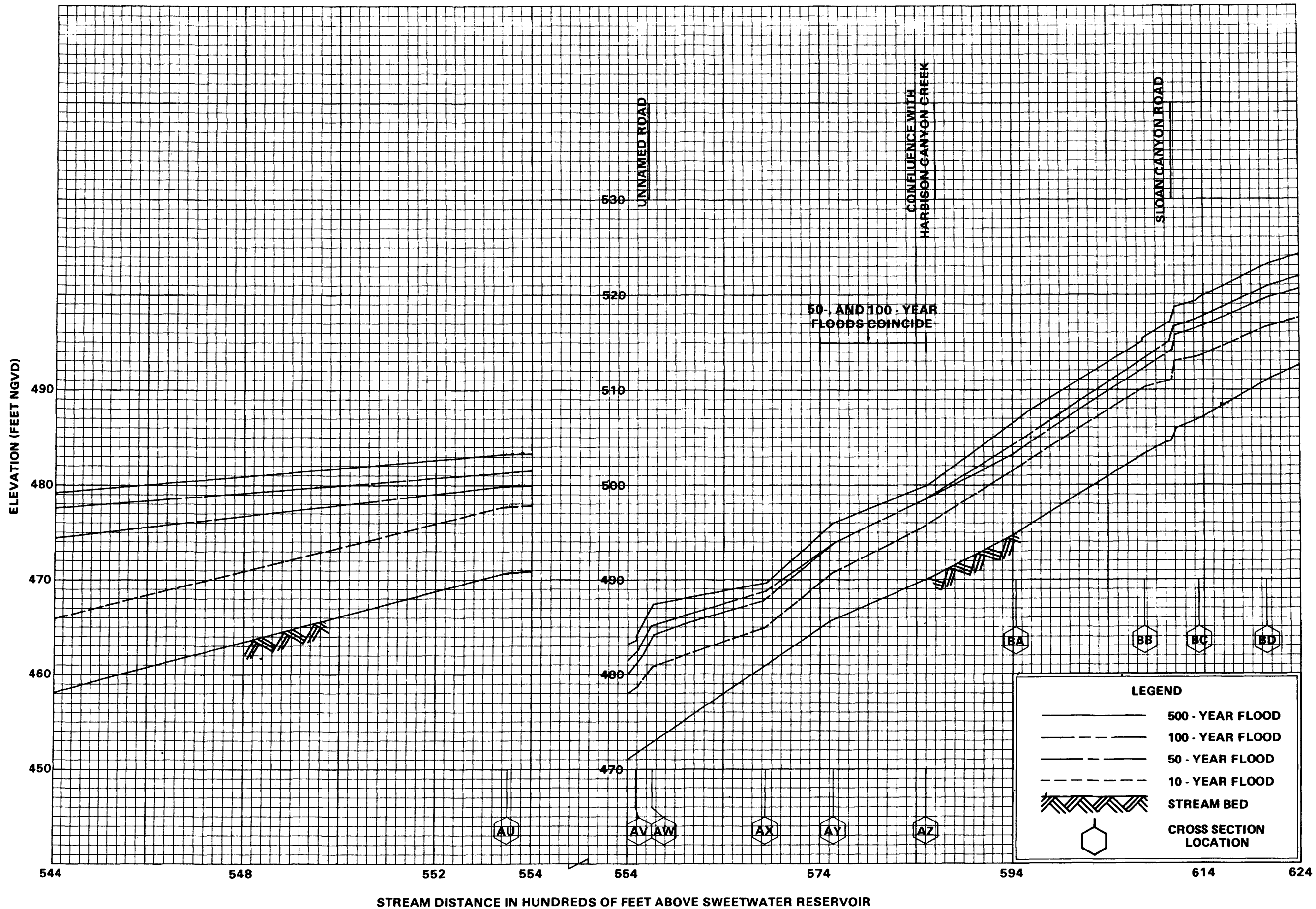
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LEGEND	
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	100 - YEAR FLOOD
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FLOOD PROFILES
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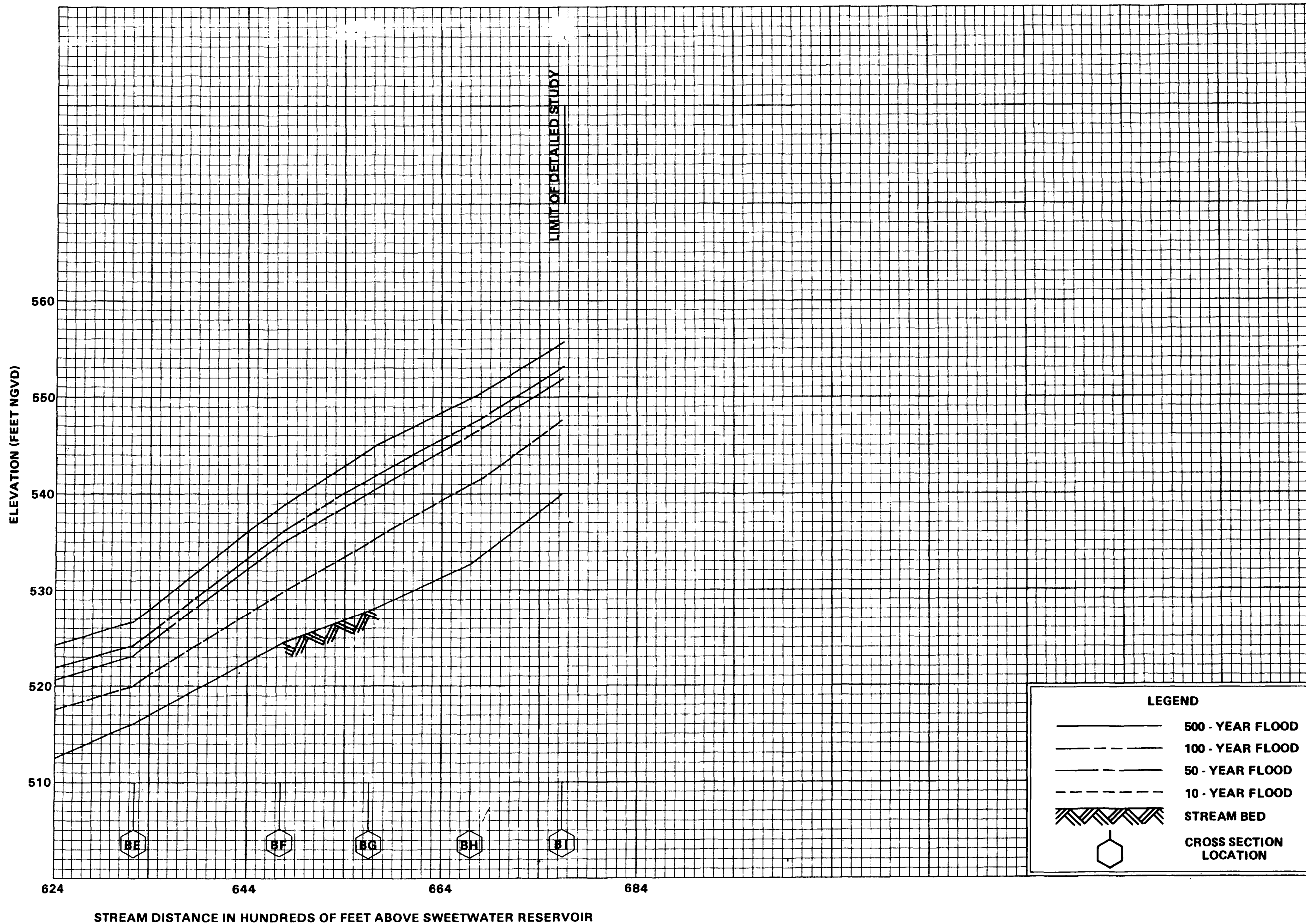
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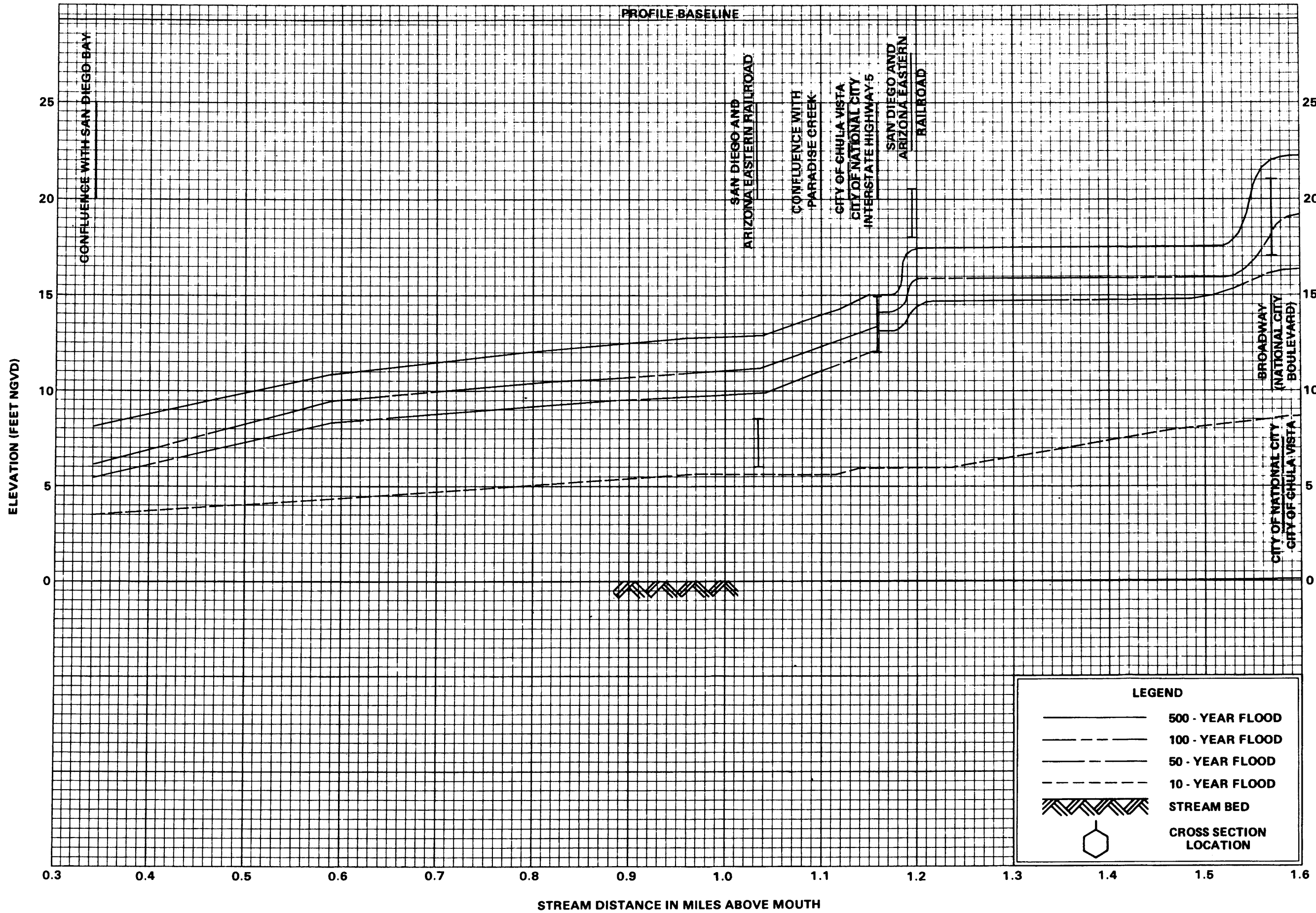
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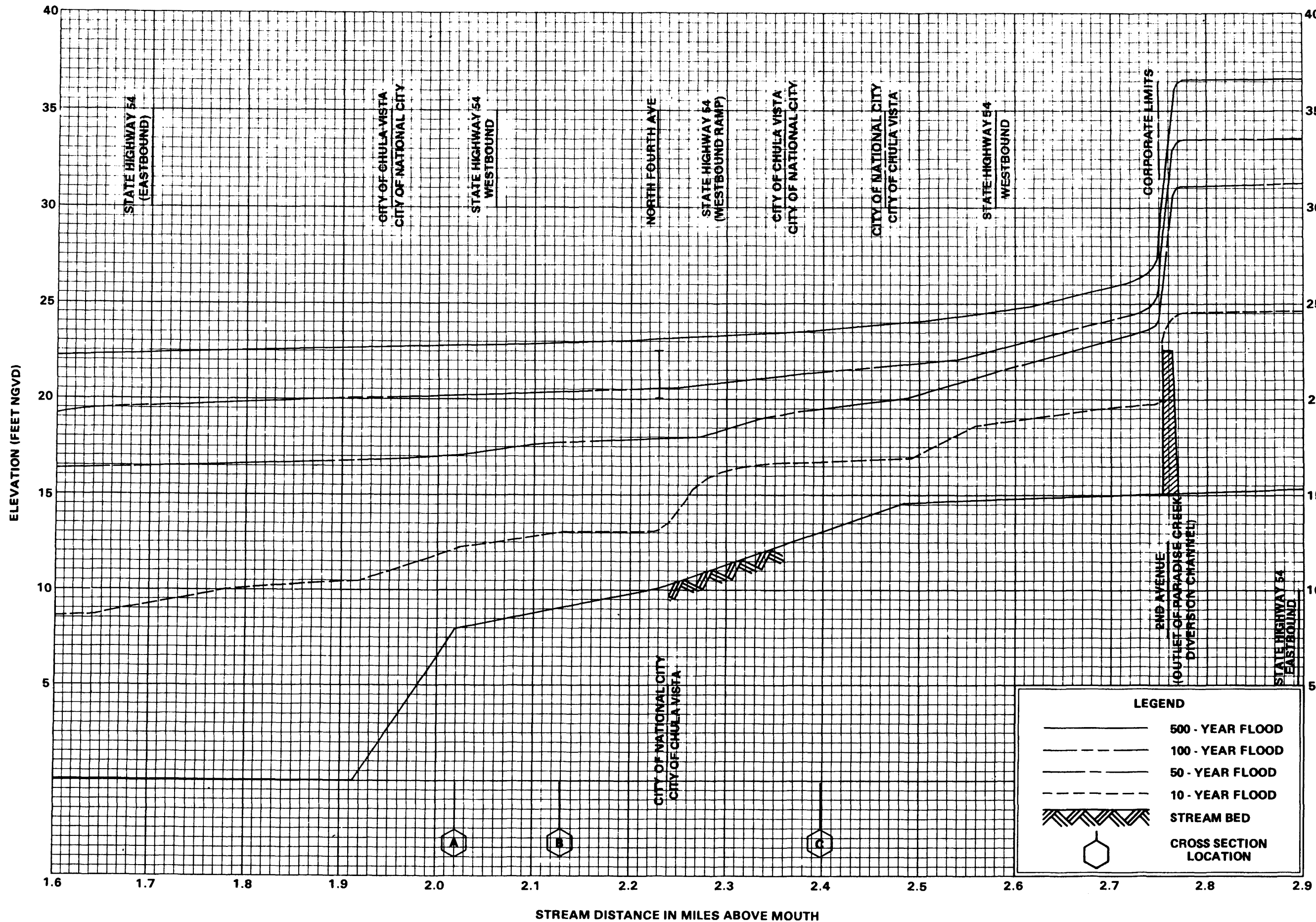


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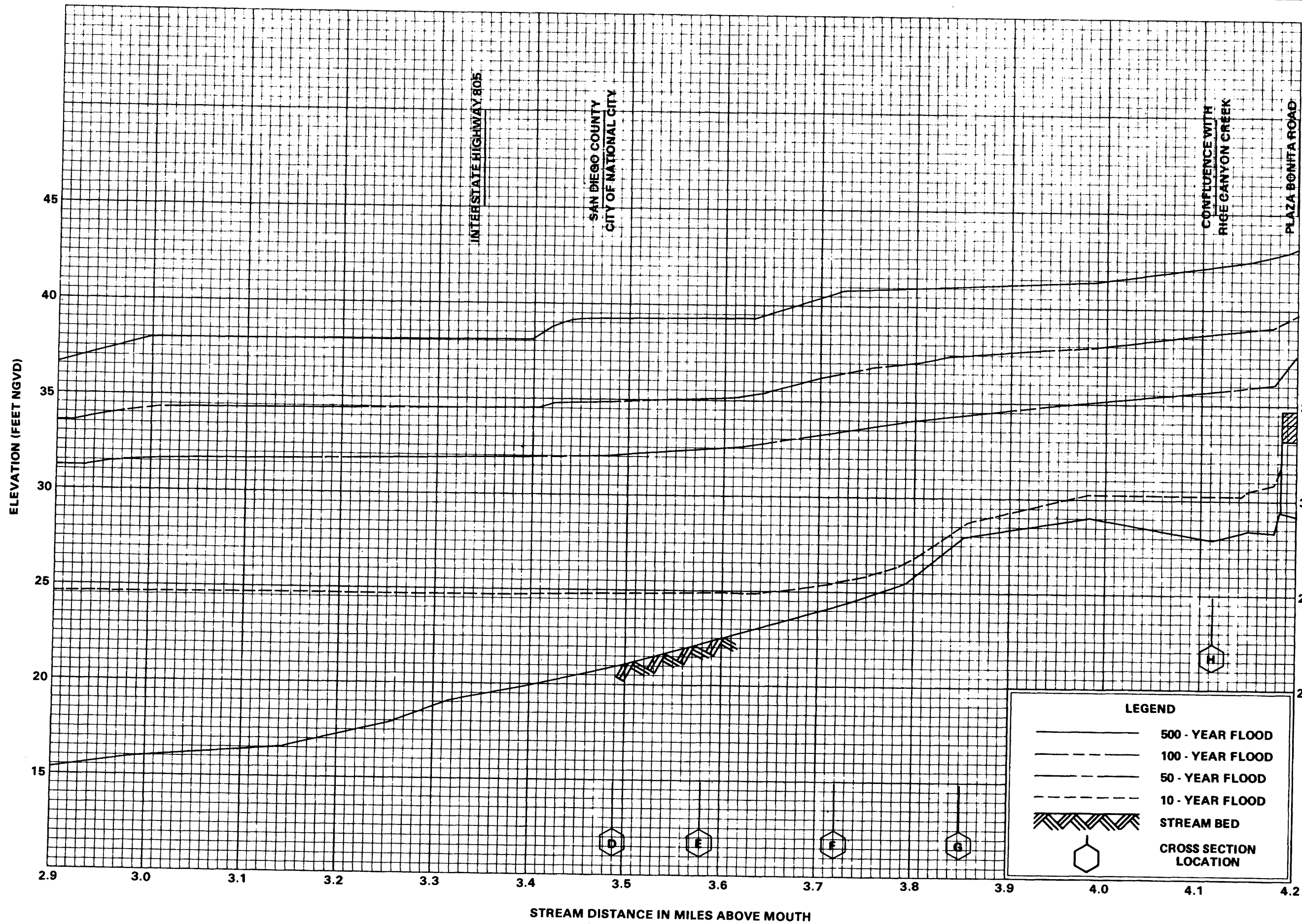
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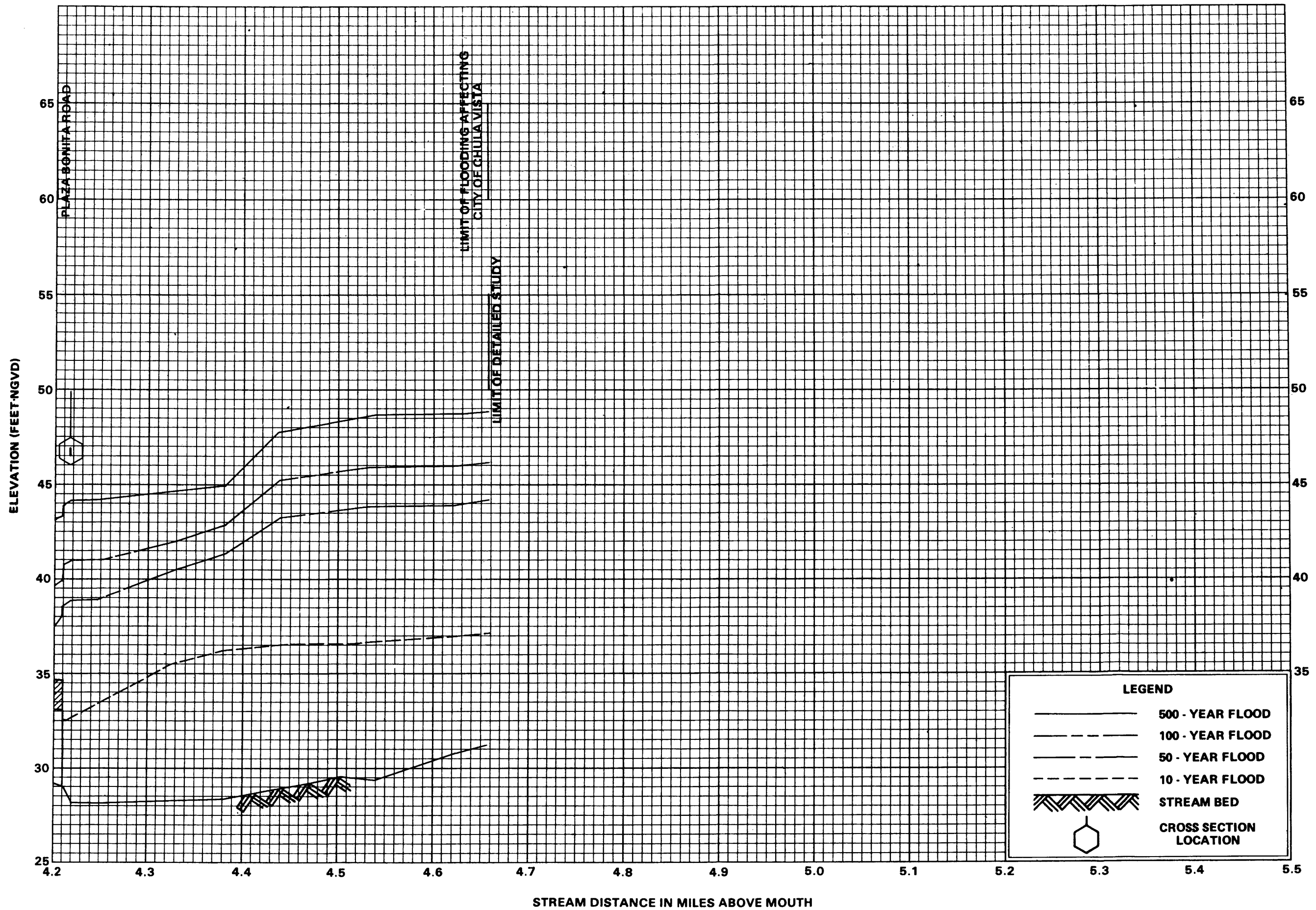


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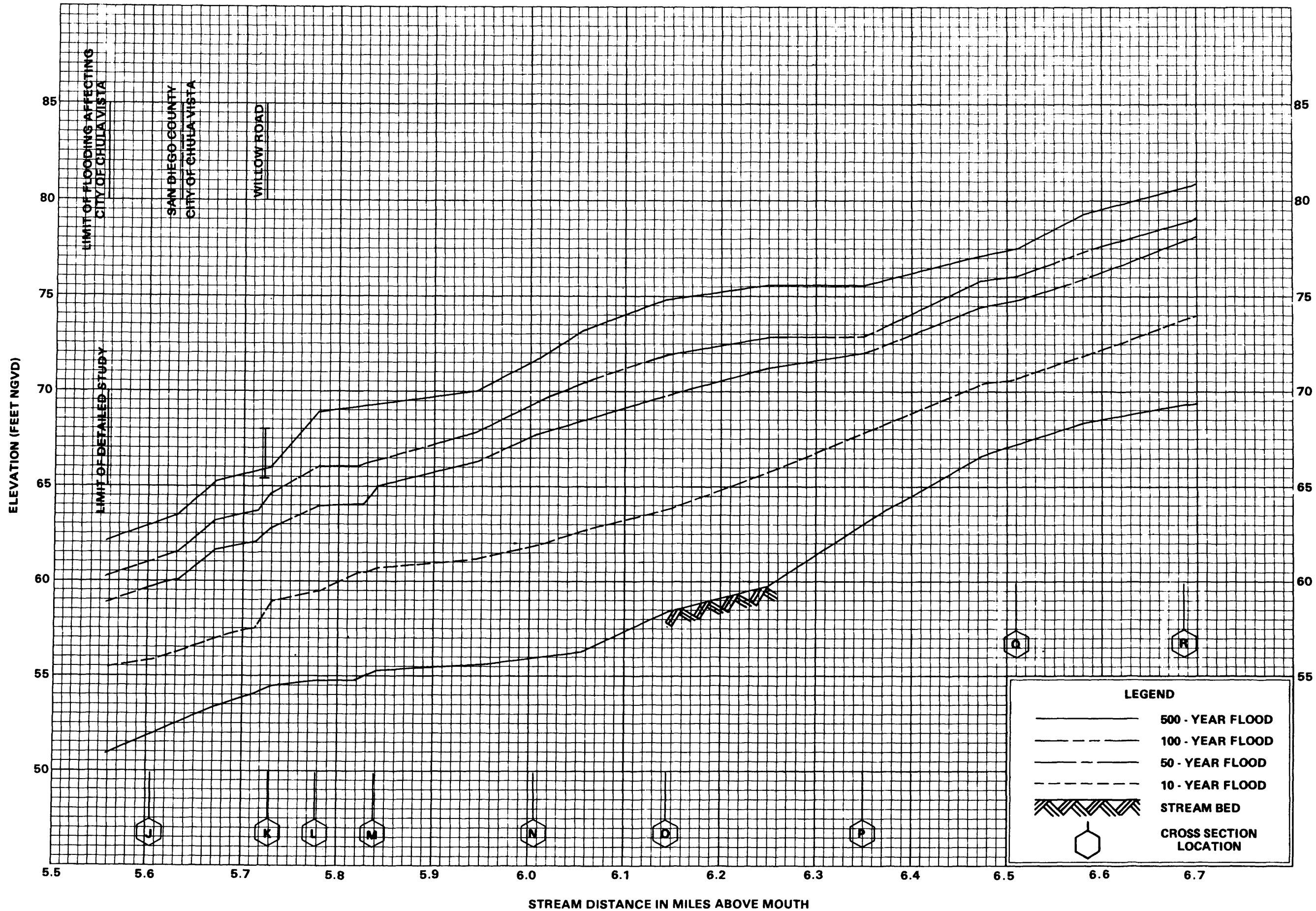
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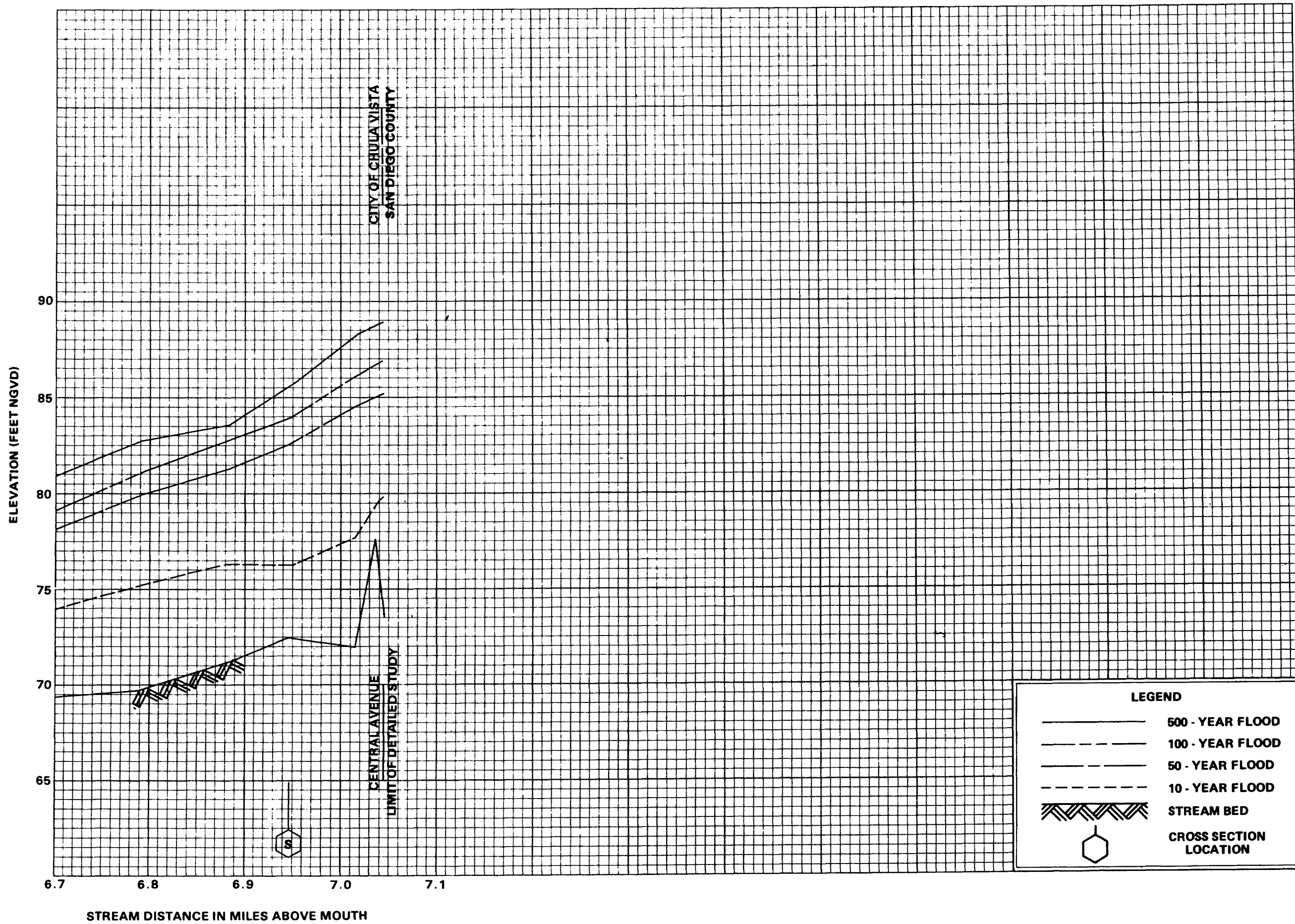
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SWEETWATER RIVER(AT NATIONAL CITY)

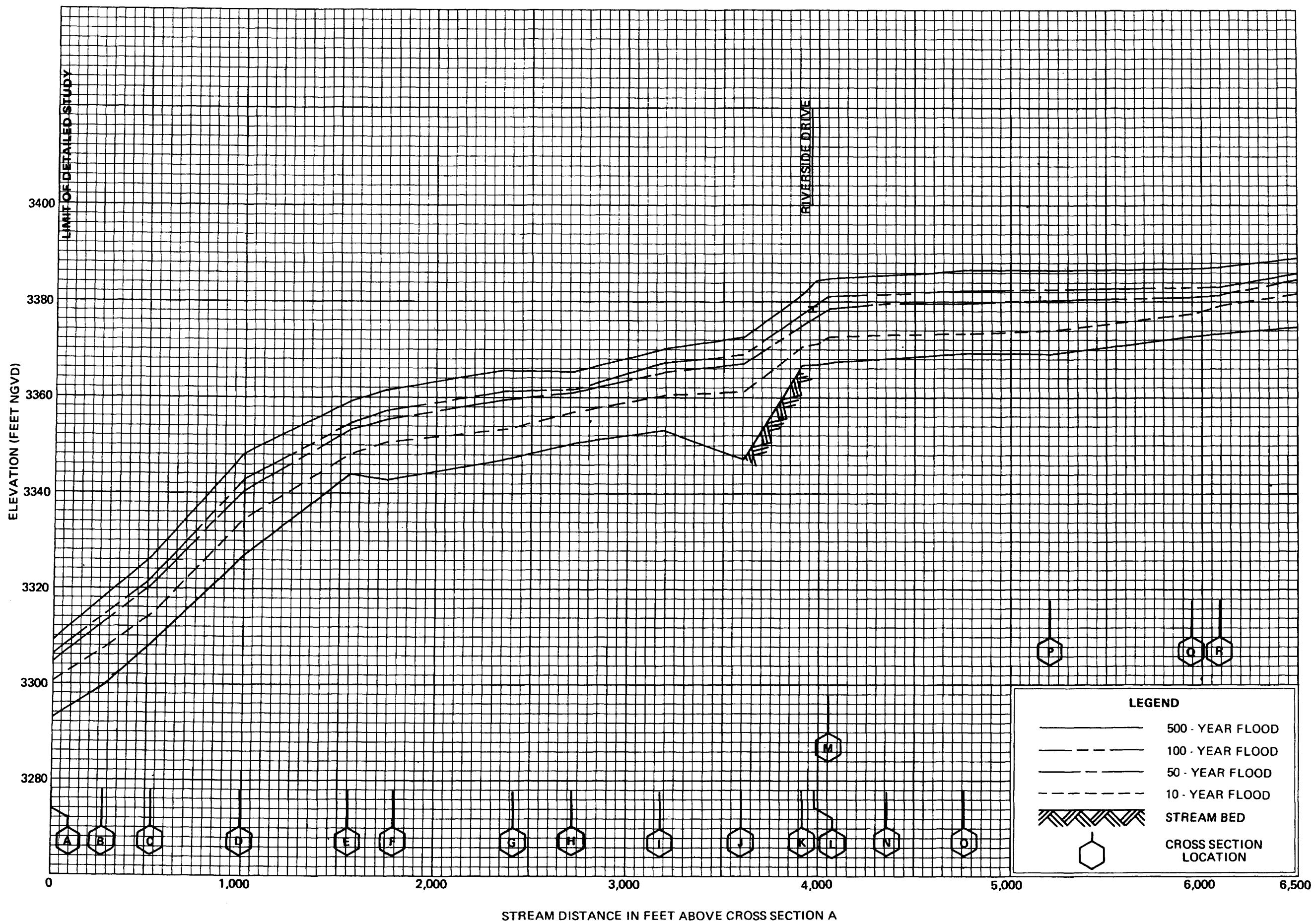
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LEGEND	
	500 - YEAR FLOOD
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FLOOD PROFILES
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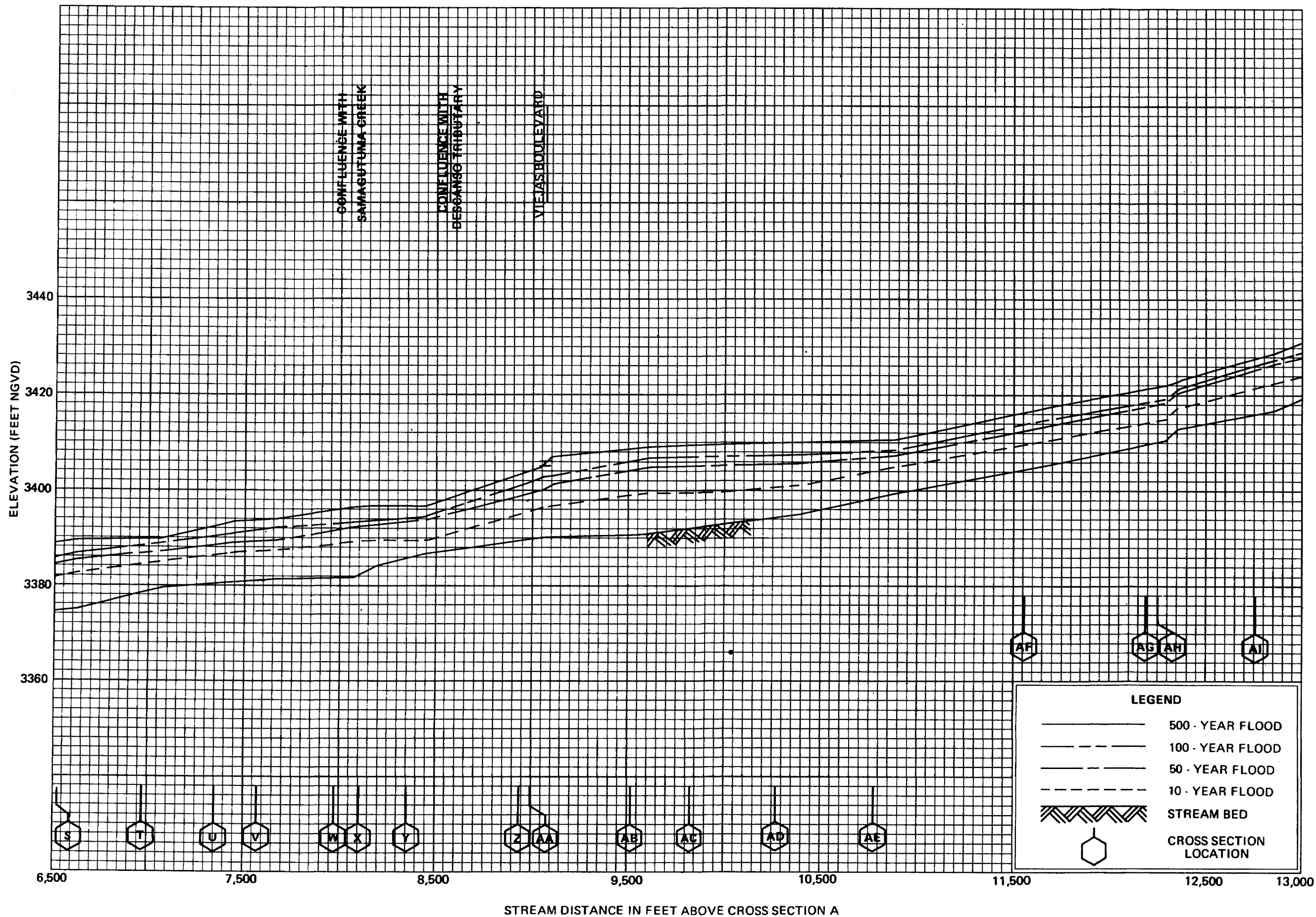
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SWEETWATER RIVER (DESCANSO AREA)

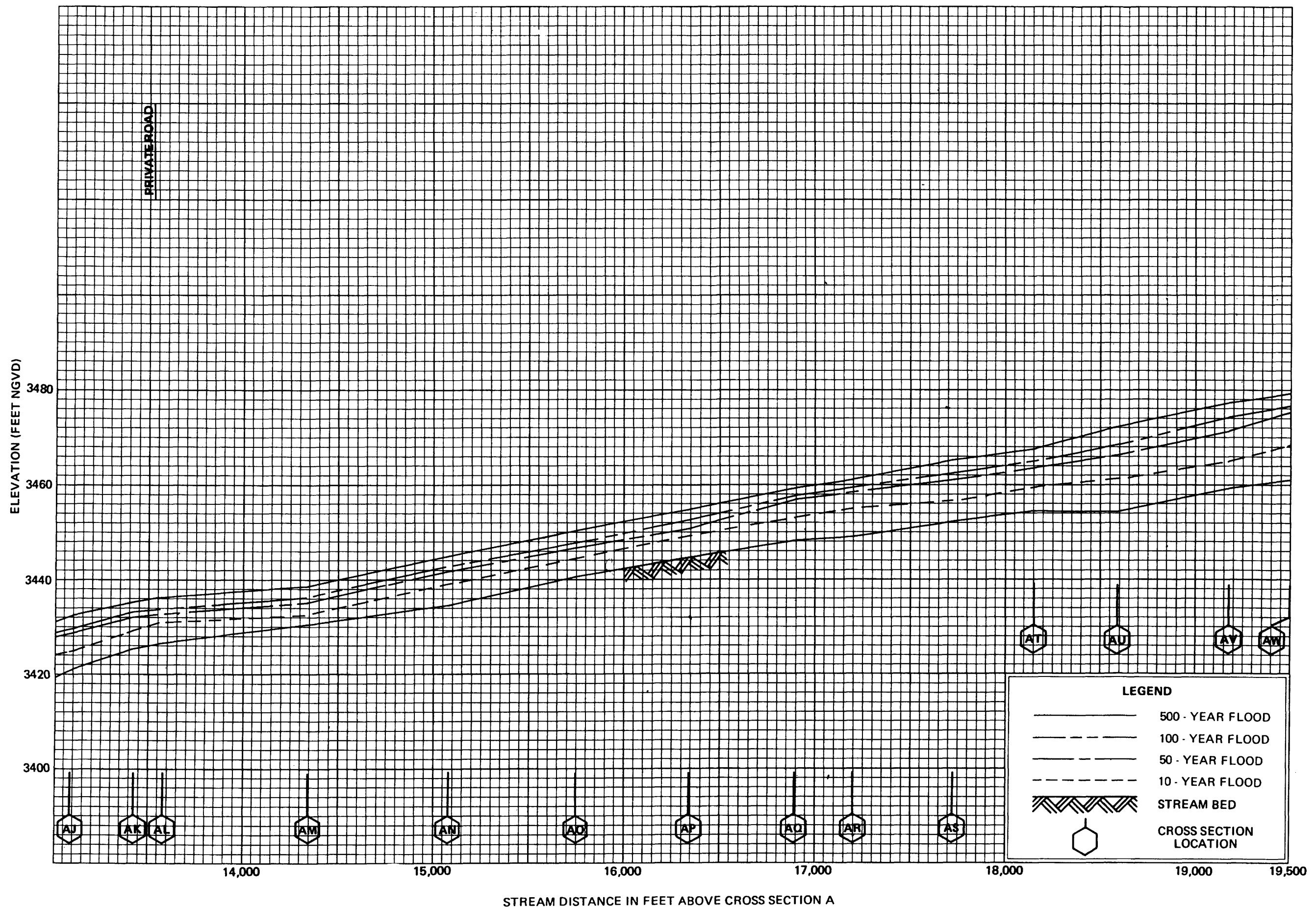
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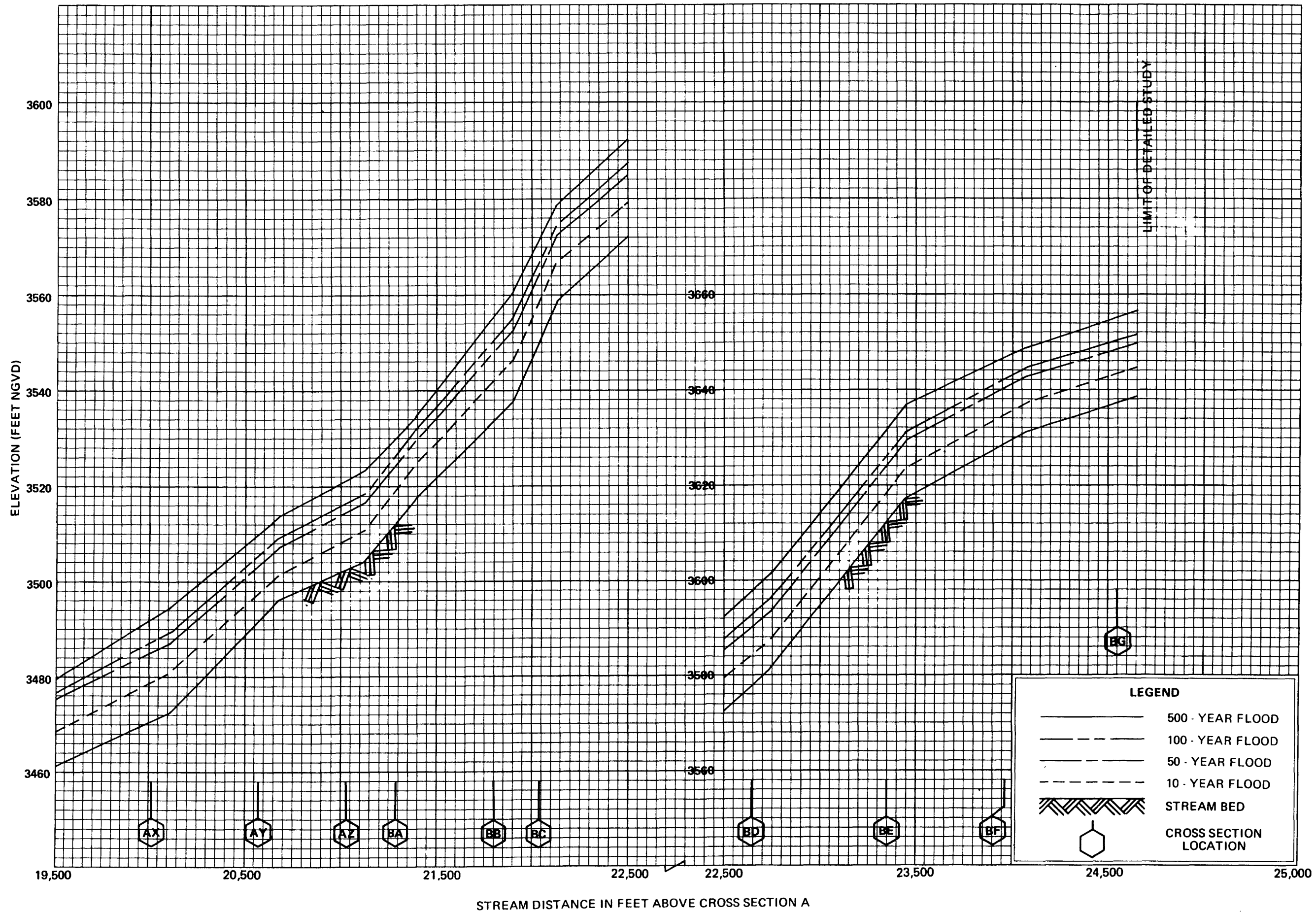
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FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



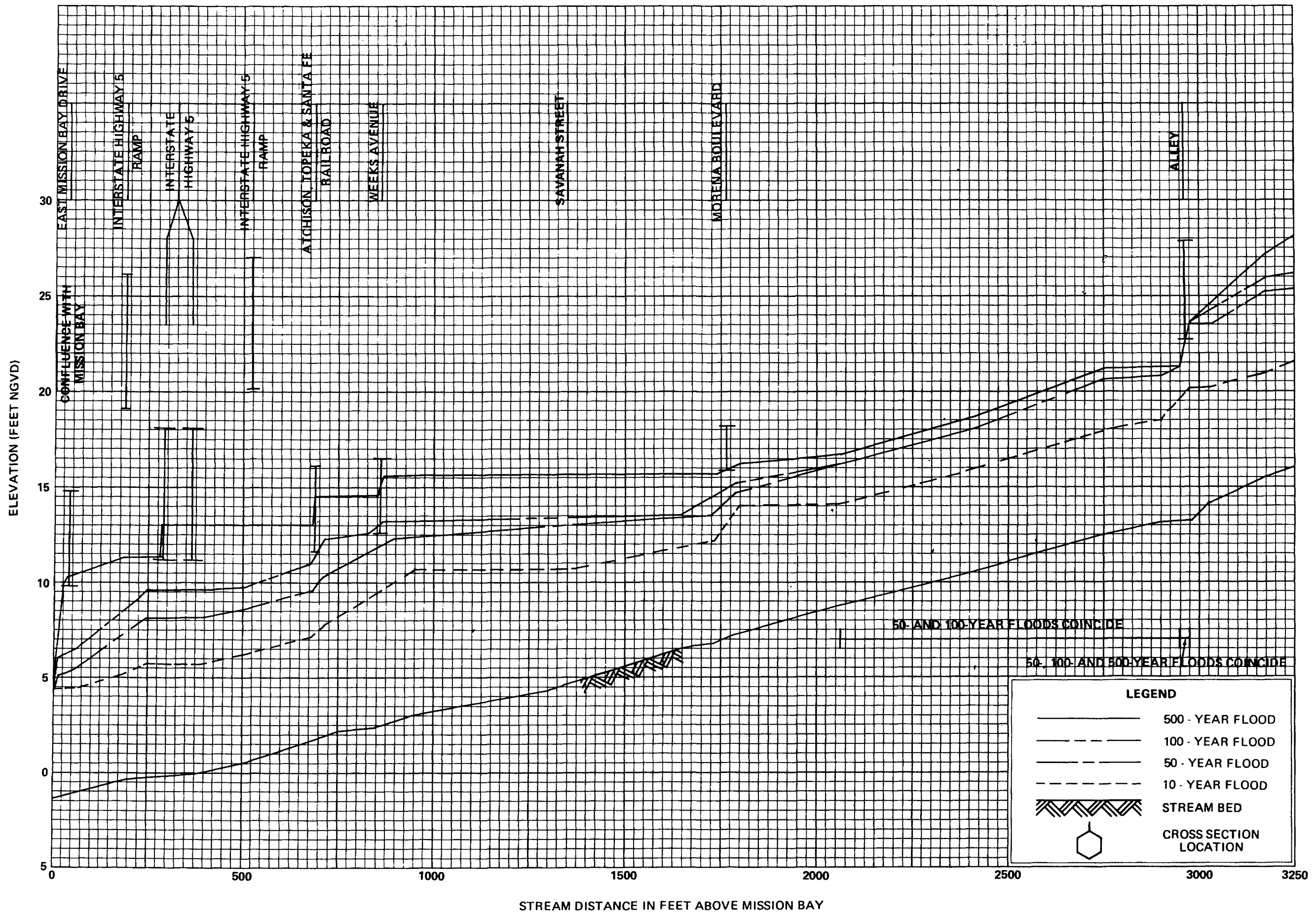
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SWEETWATER RIVER (DESCANSO AREA)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
SWITZER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

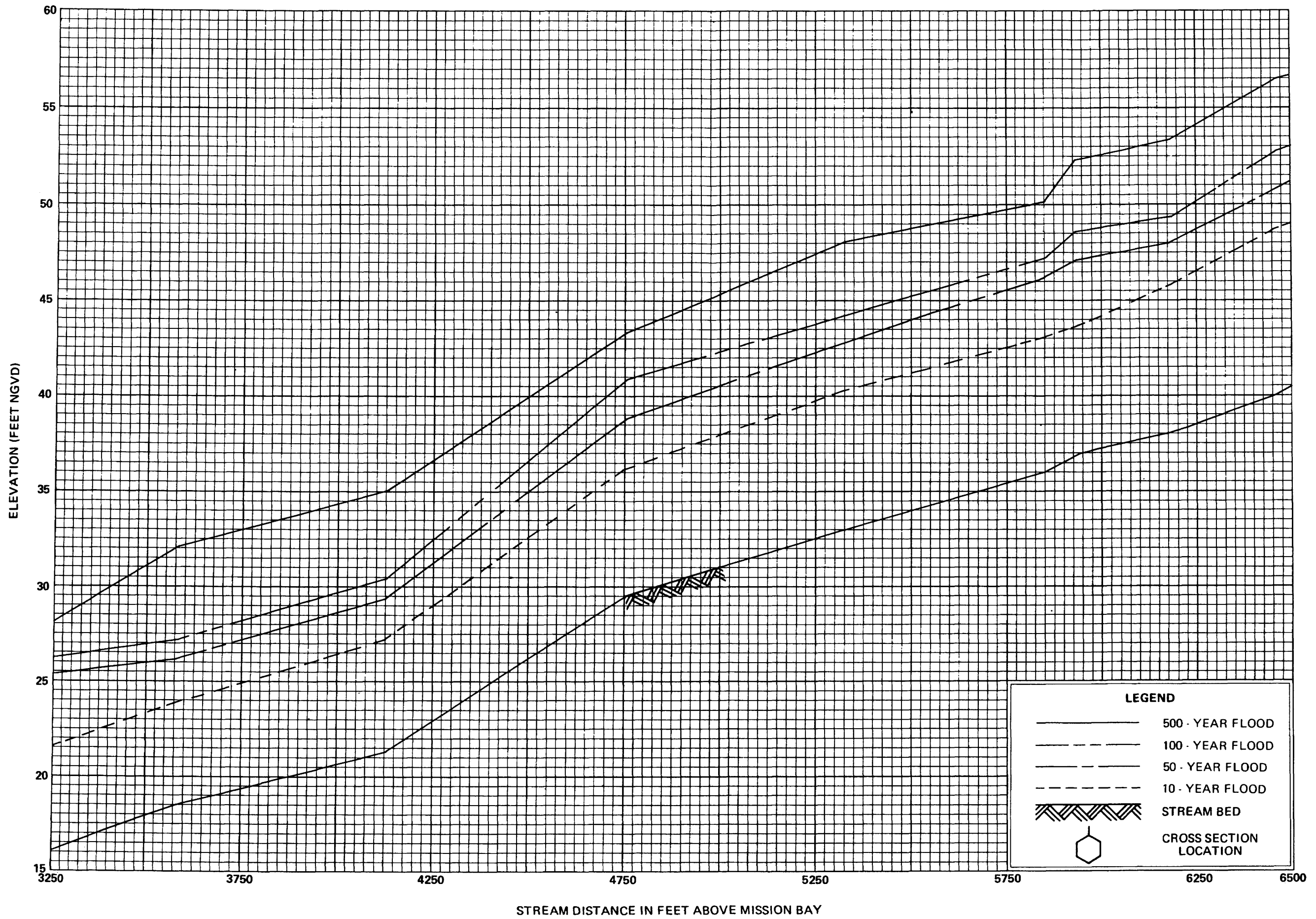


FLOOD PROFILES

TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



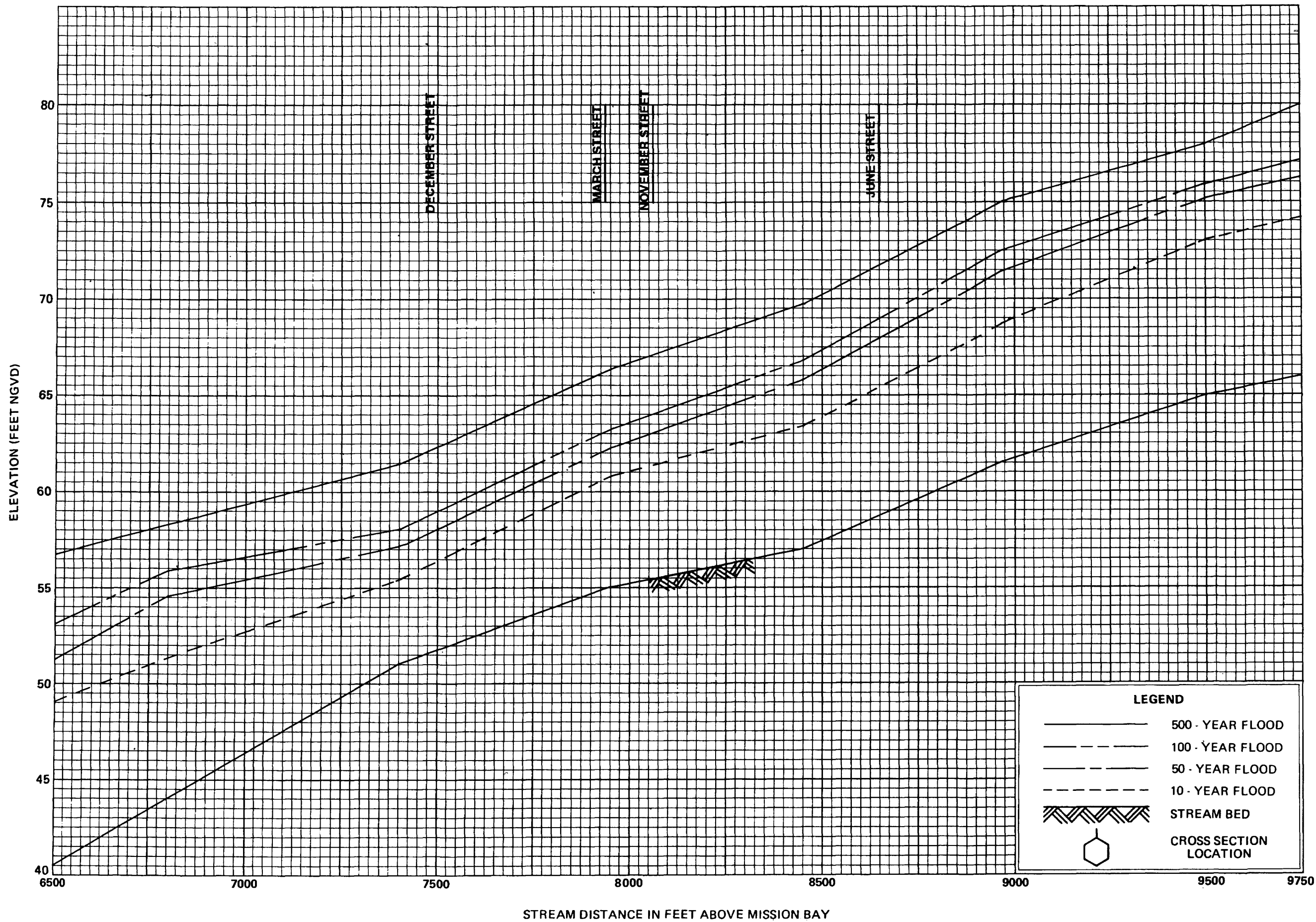
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TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

486P



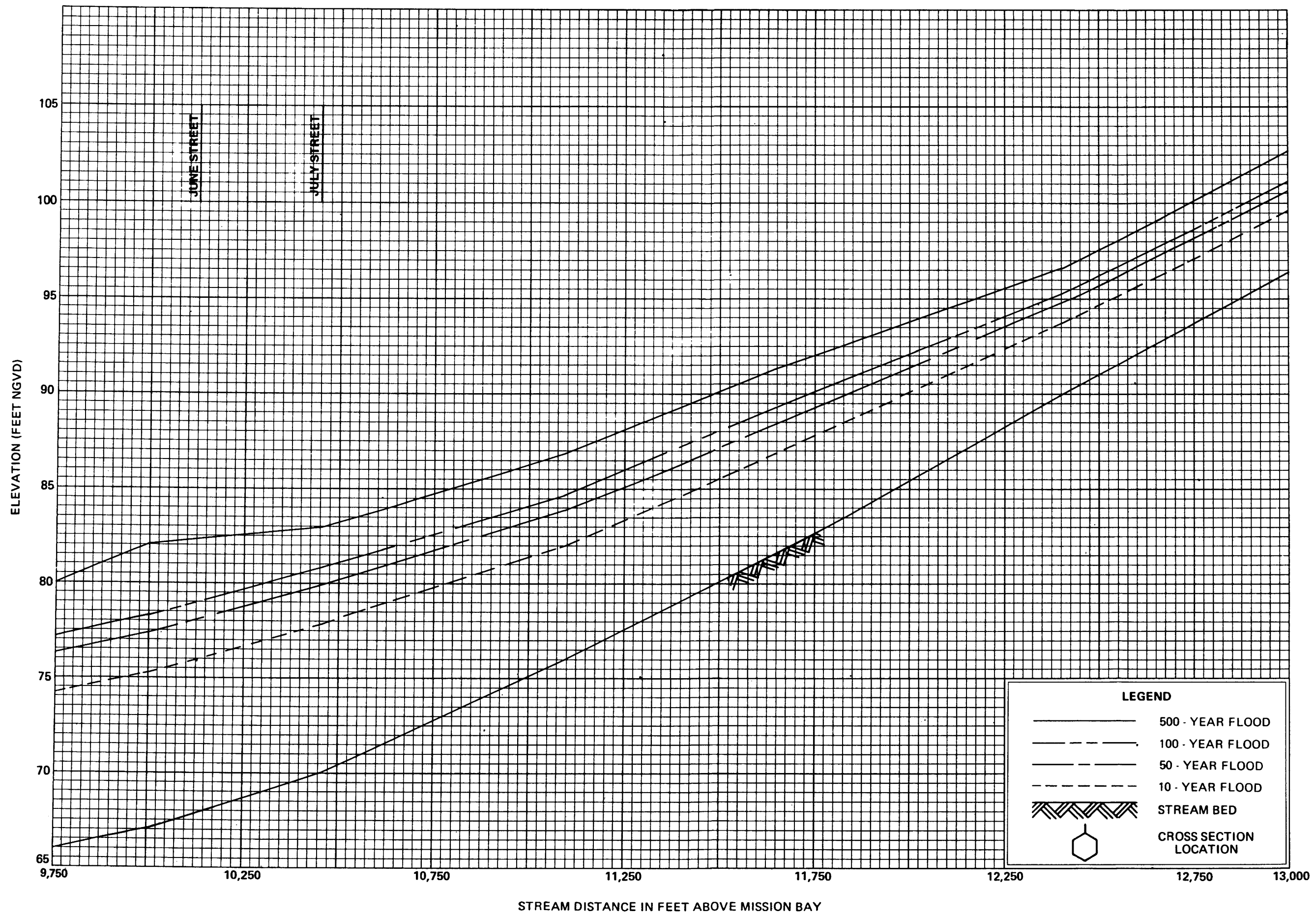
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TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

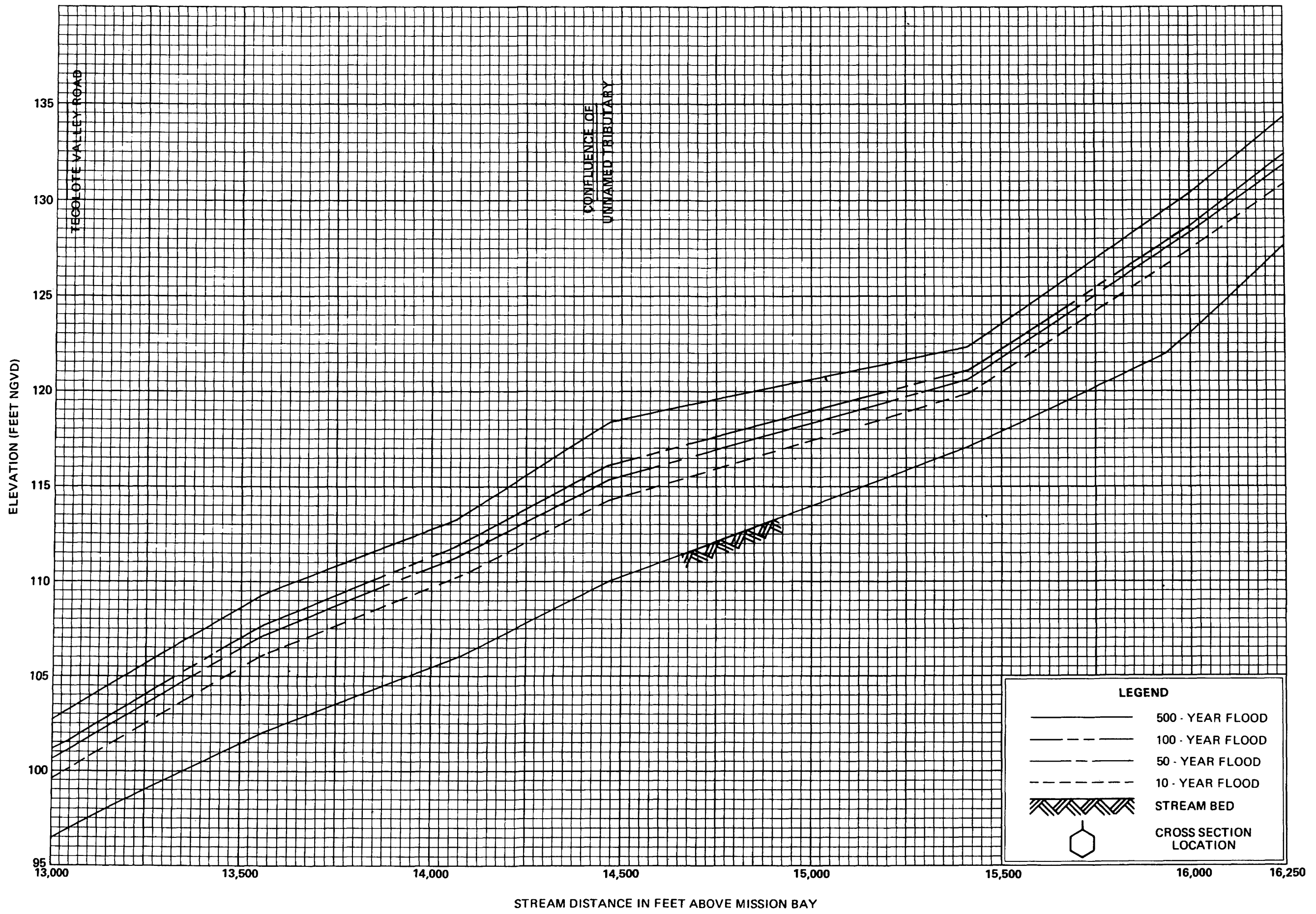
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FLOOD PROFILES

TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



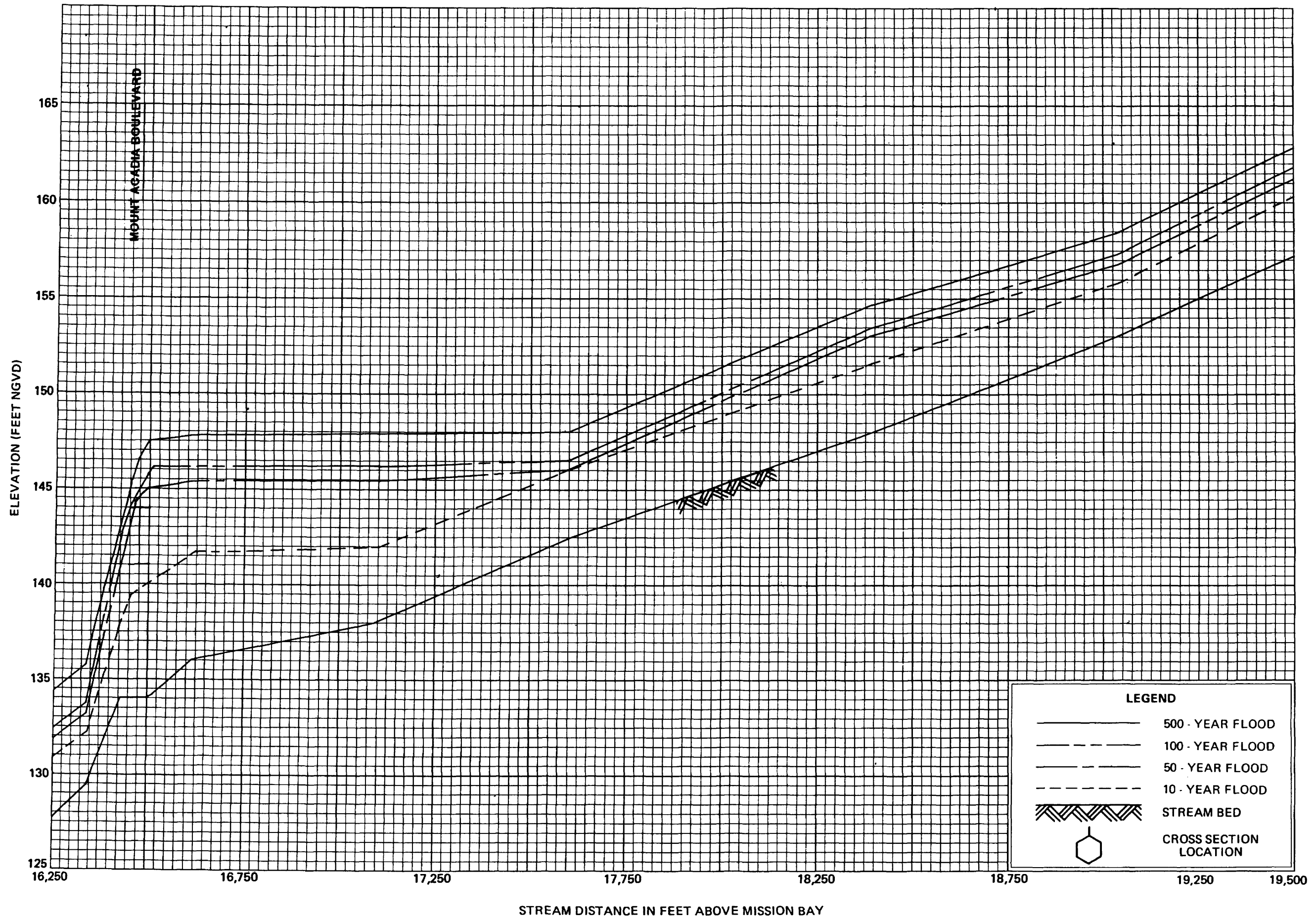
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TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

489P

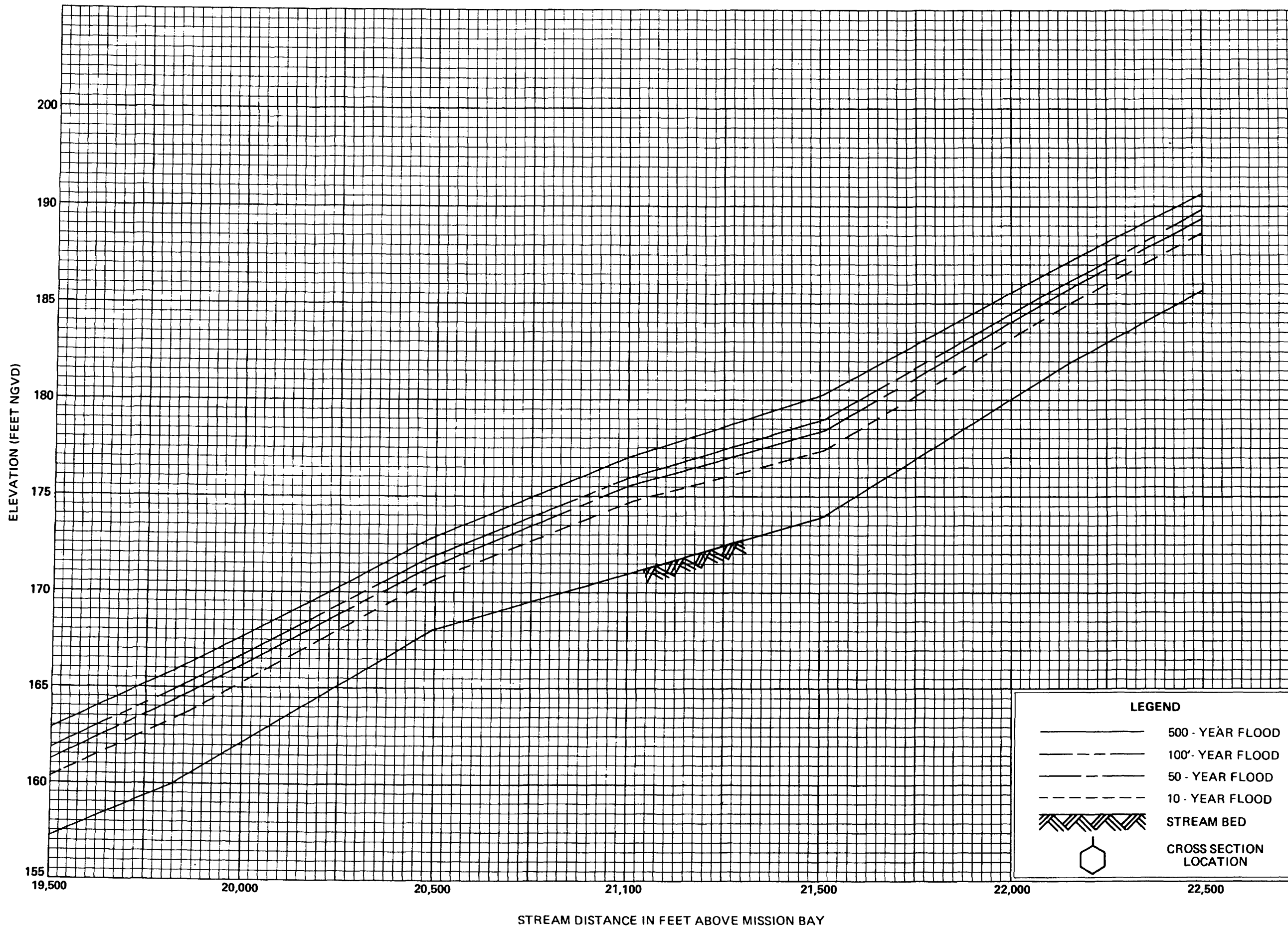


FLOOD PROFILES

TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



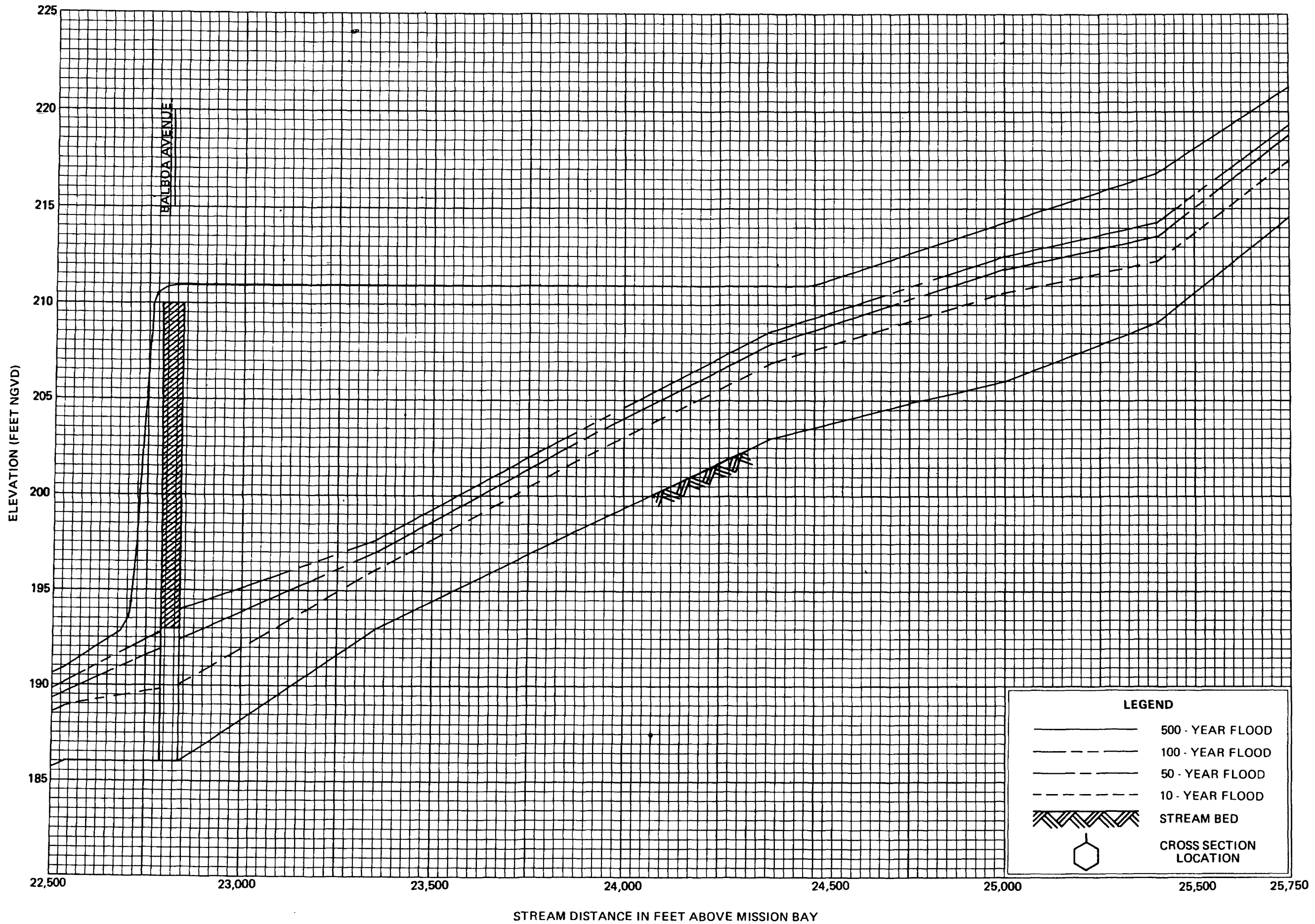
FLOOD PROFILES

TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

491P

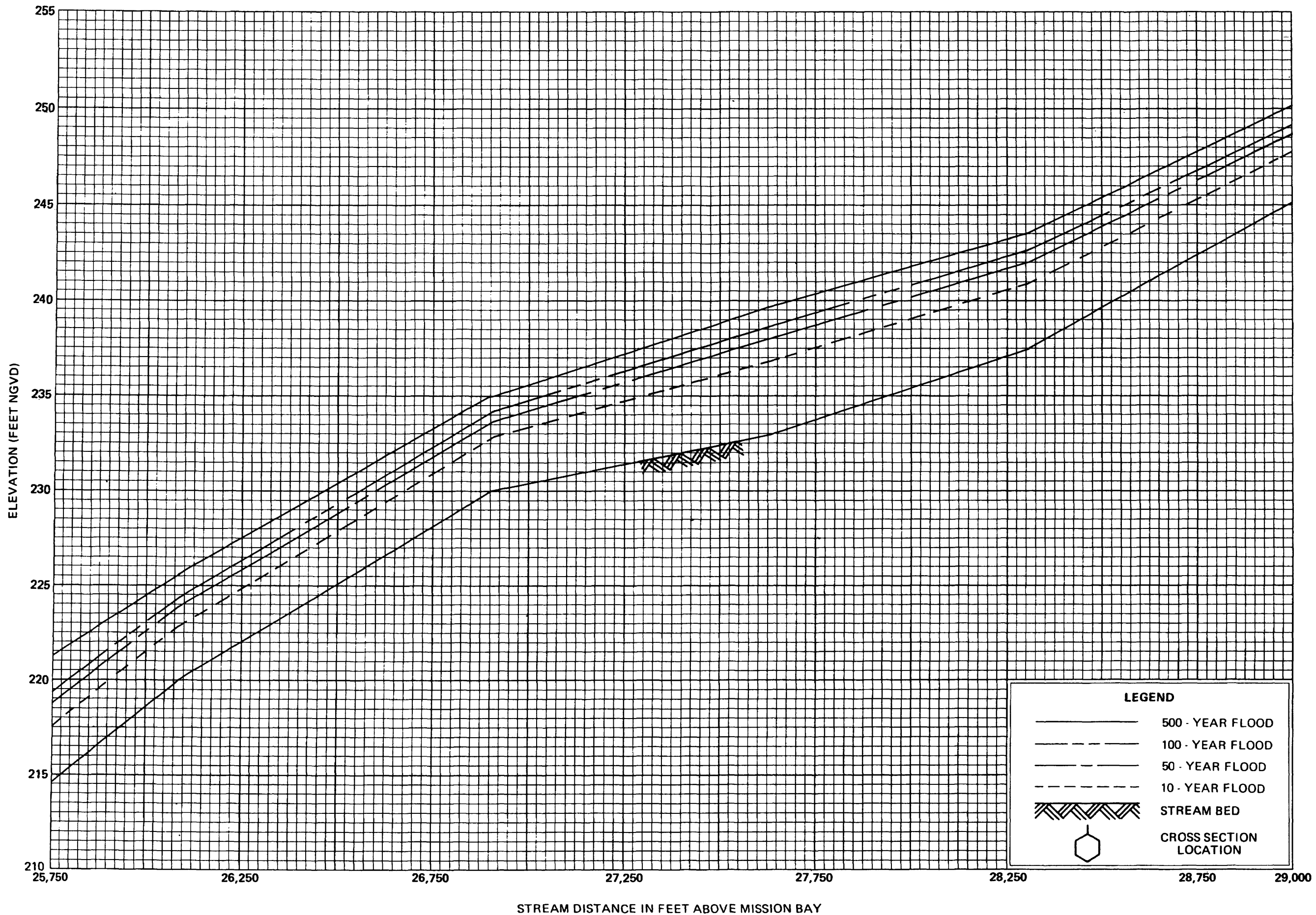


FLOOD PROFILES

TECOLOTE CREEK

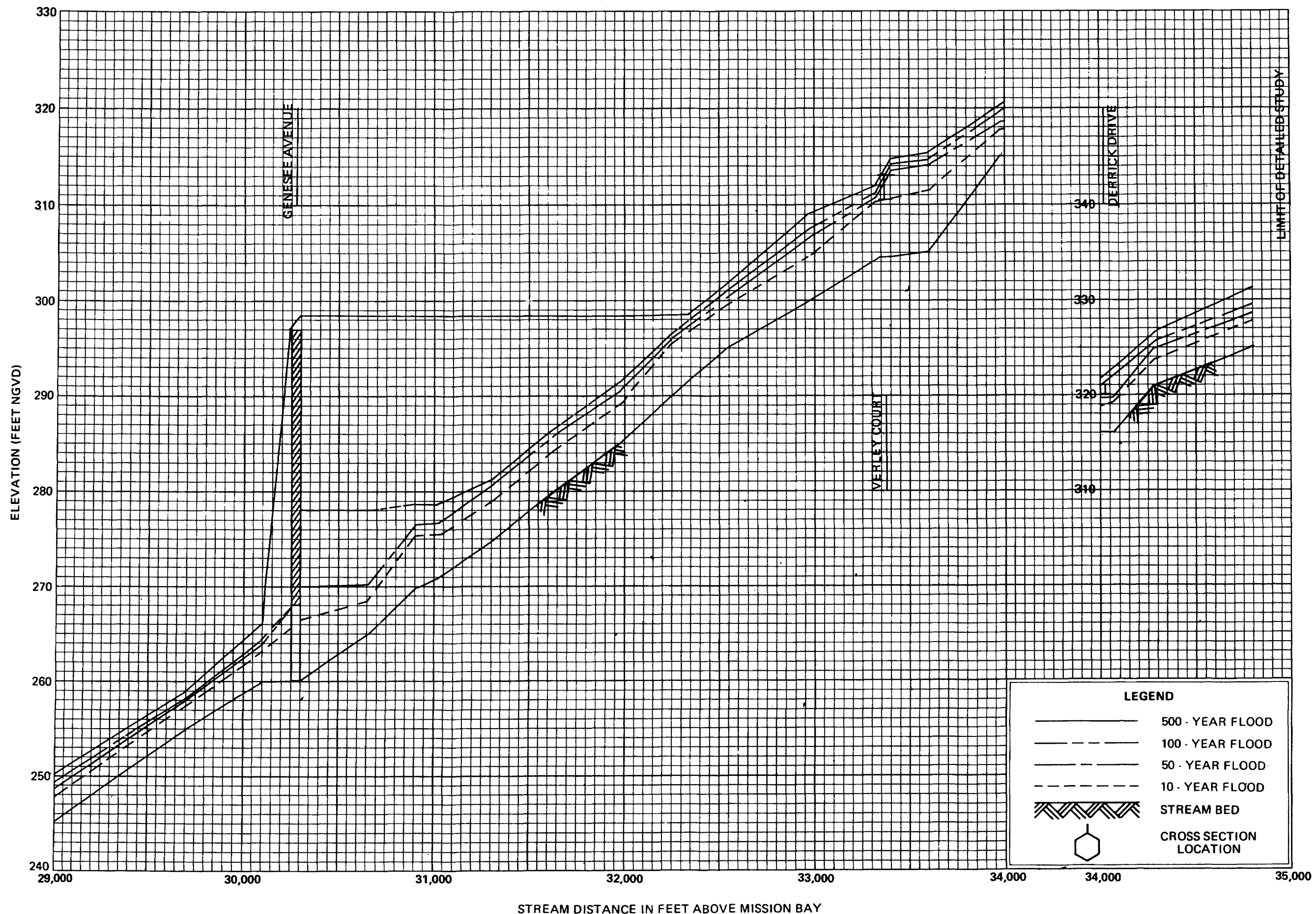
FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

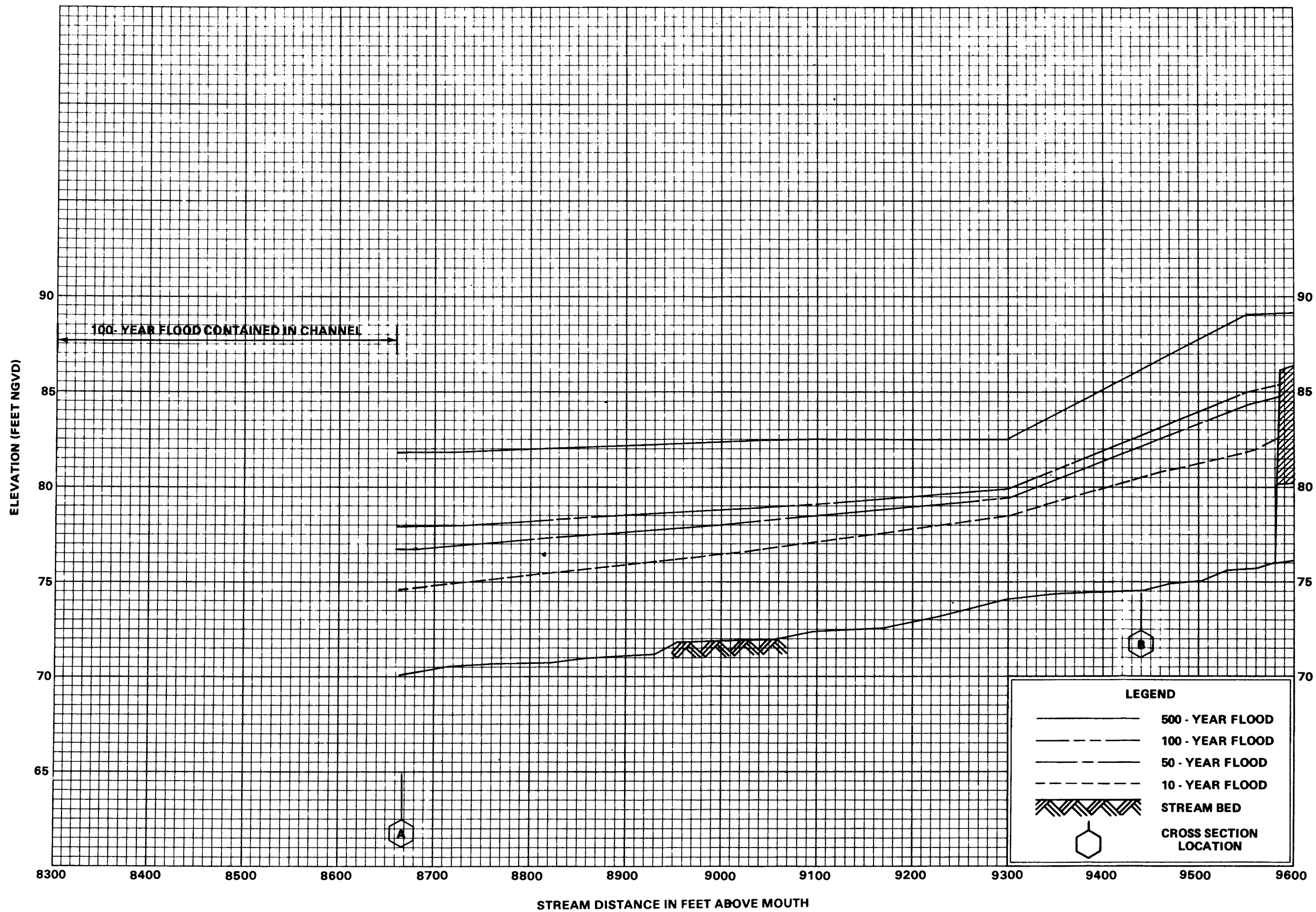


LEGEND	
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	100 - YEAR FLOOD
	50 - YEAR FLOOD
	10 - YEAR FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES

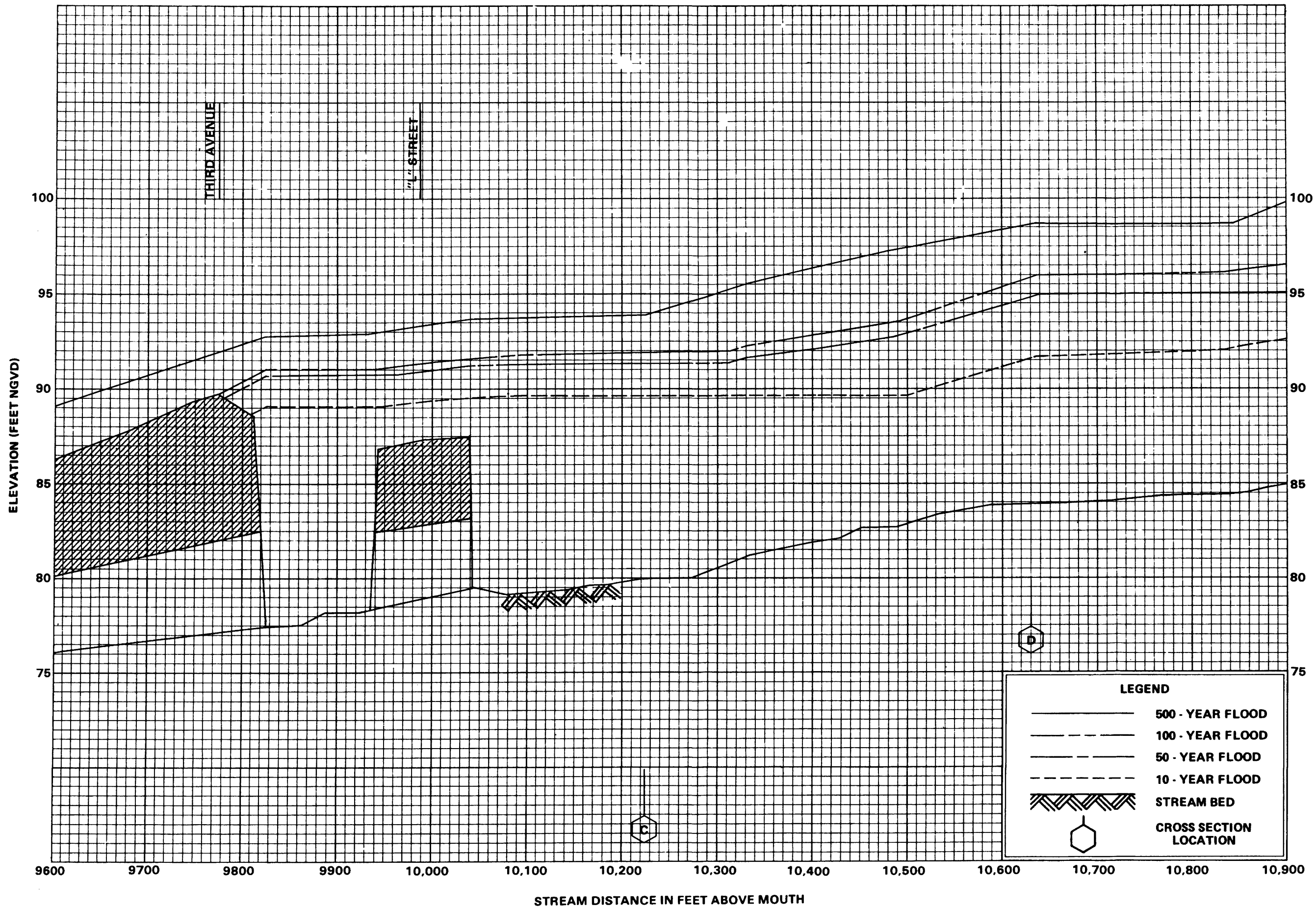
TECOLOTE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
TELEGRAPH CANYON CREEK

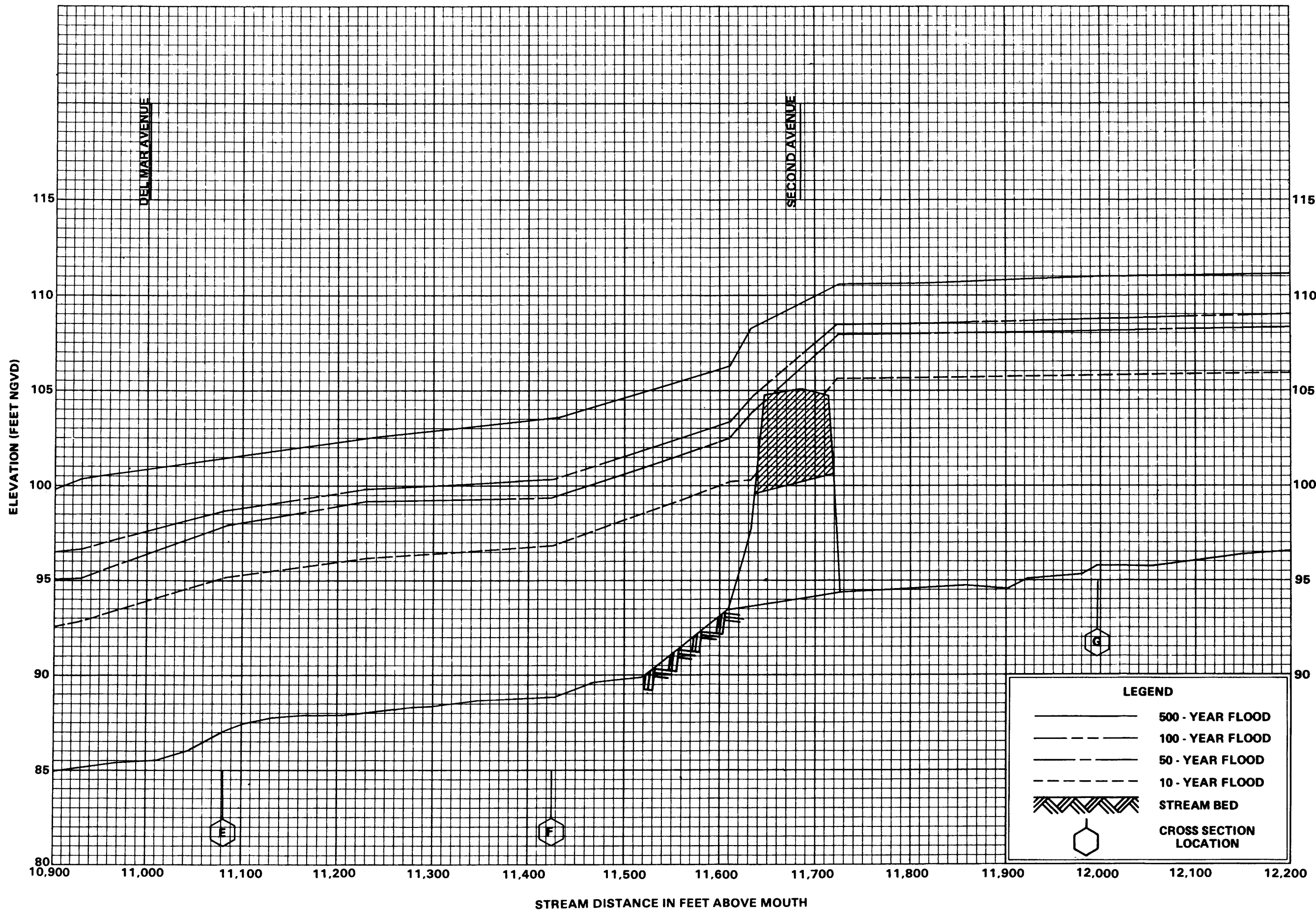
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



LEGEND	
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	50 - YEAR FLOOD
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	STREAM BED
	CROSS SECTION LOCATION

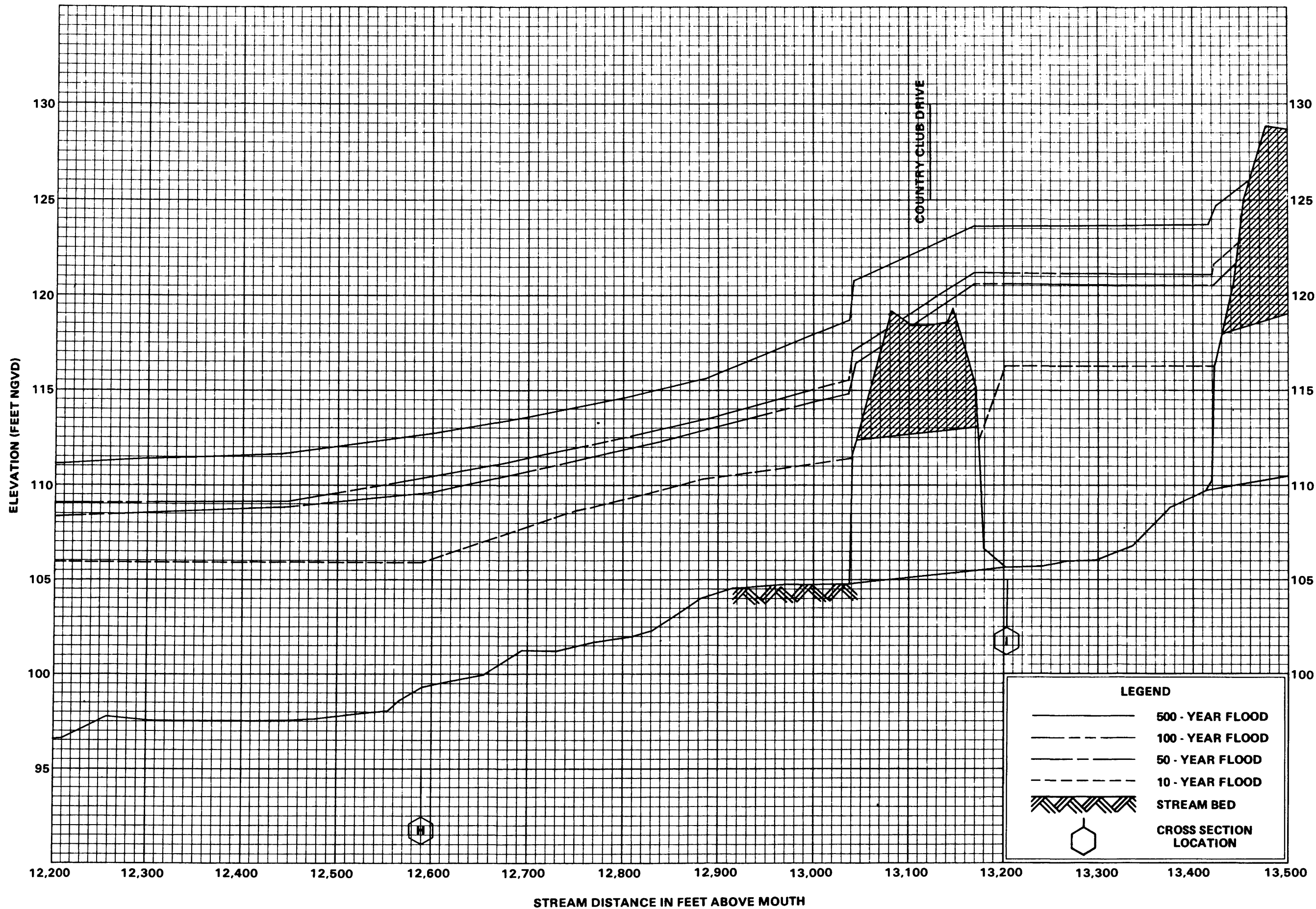
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TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



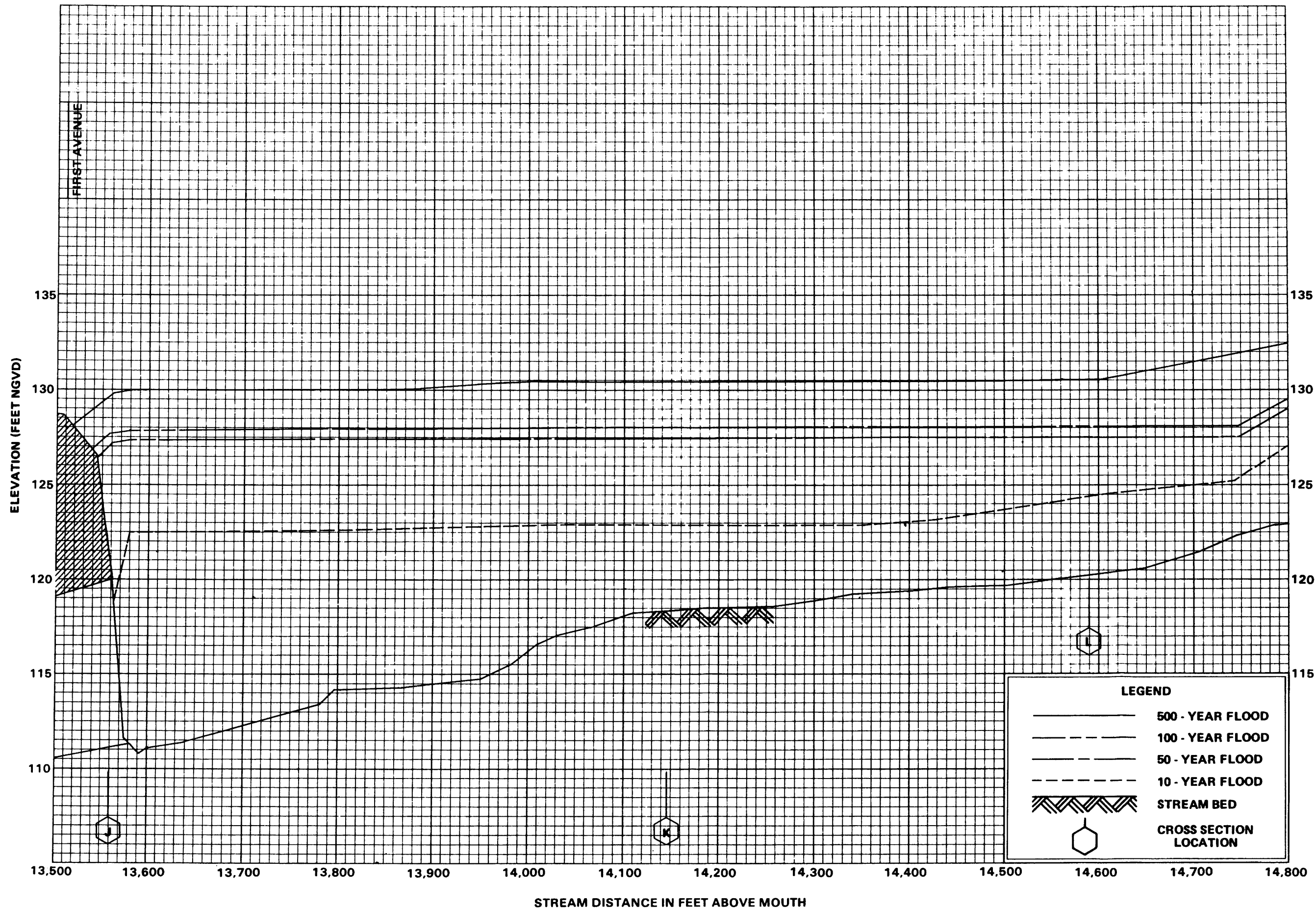
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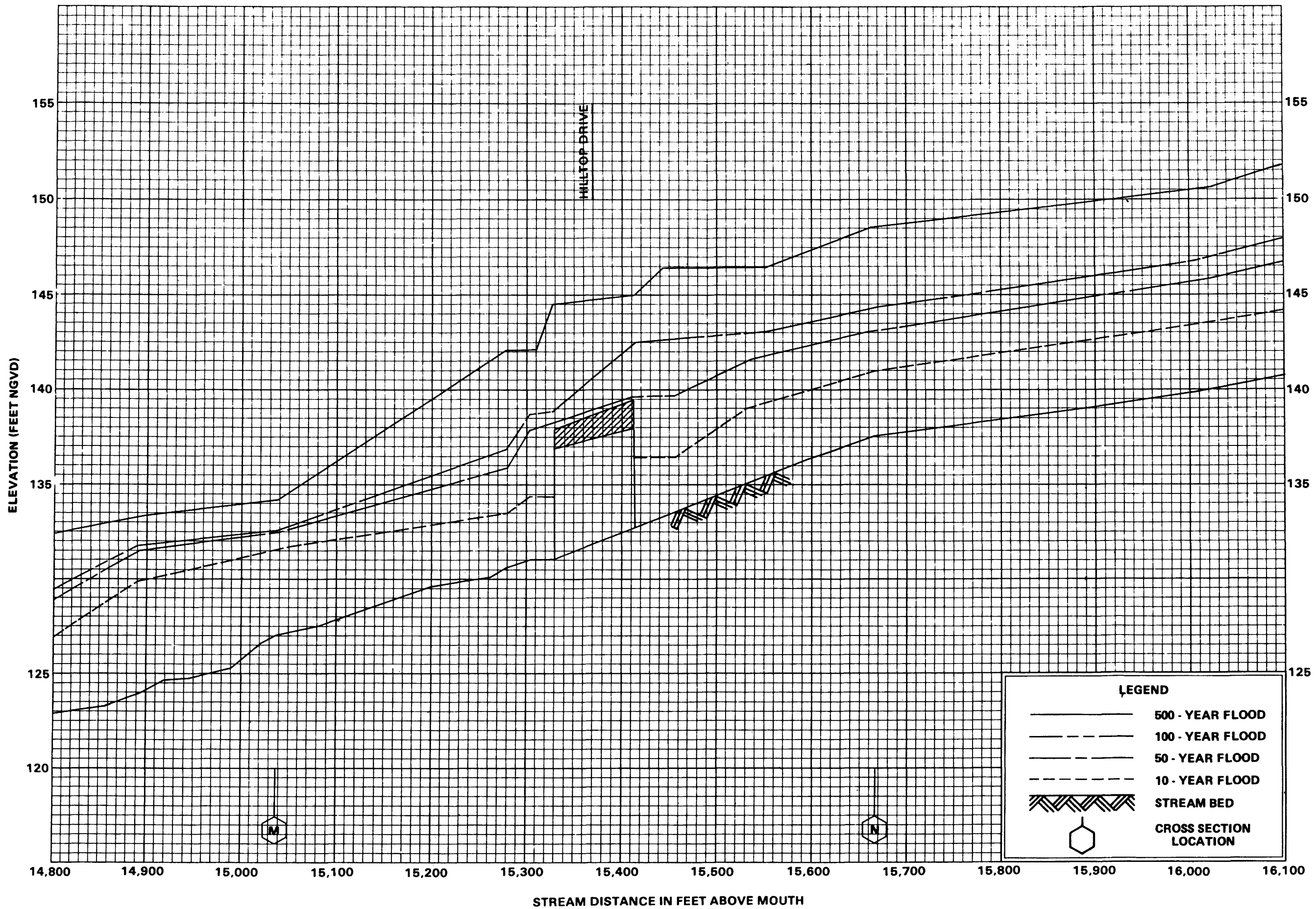
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
TELEGRAPH CANYON CREEK

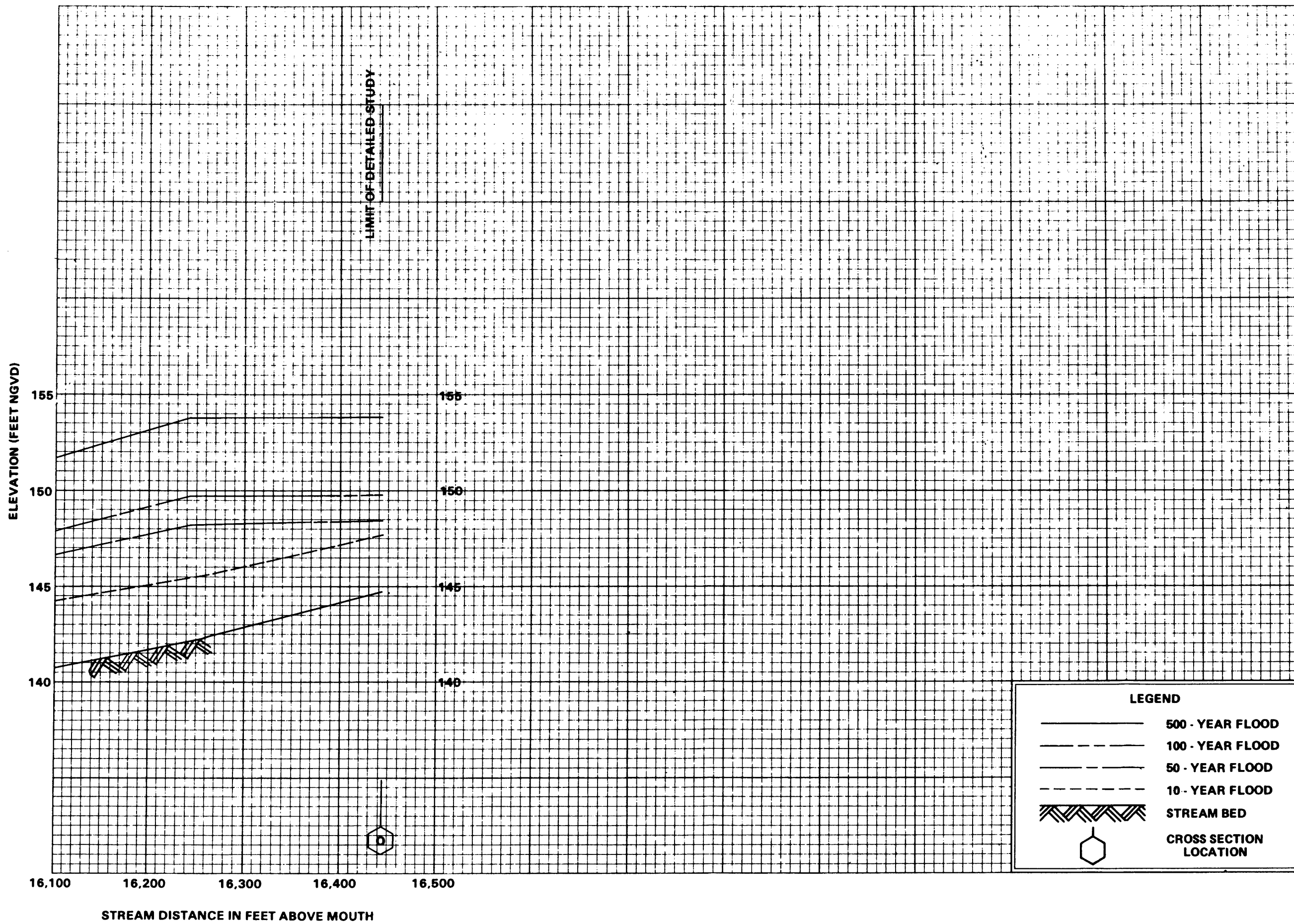
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SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS





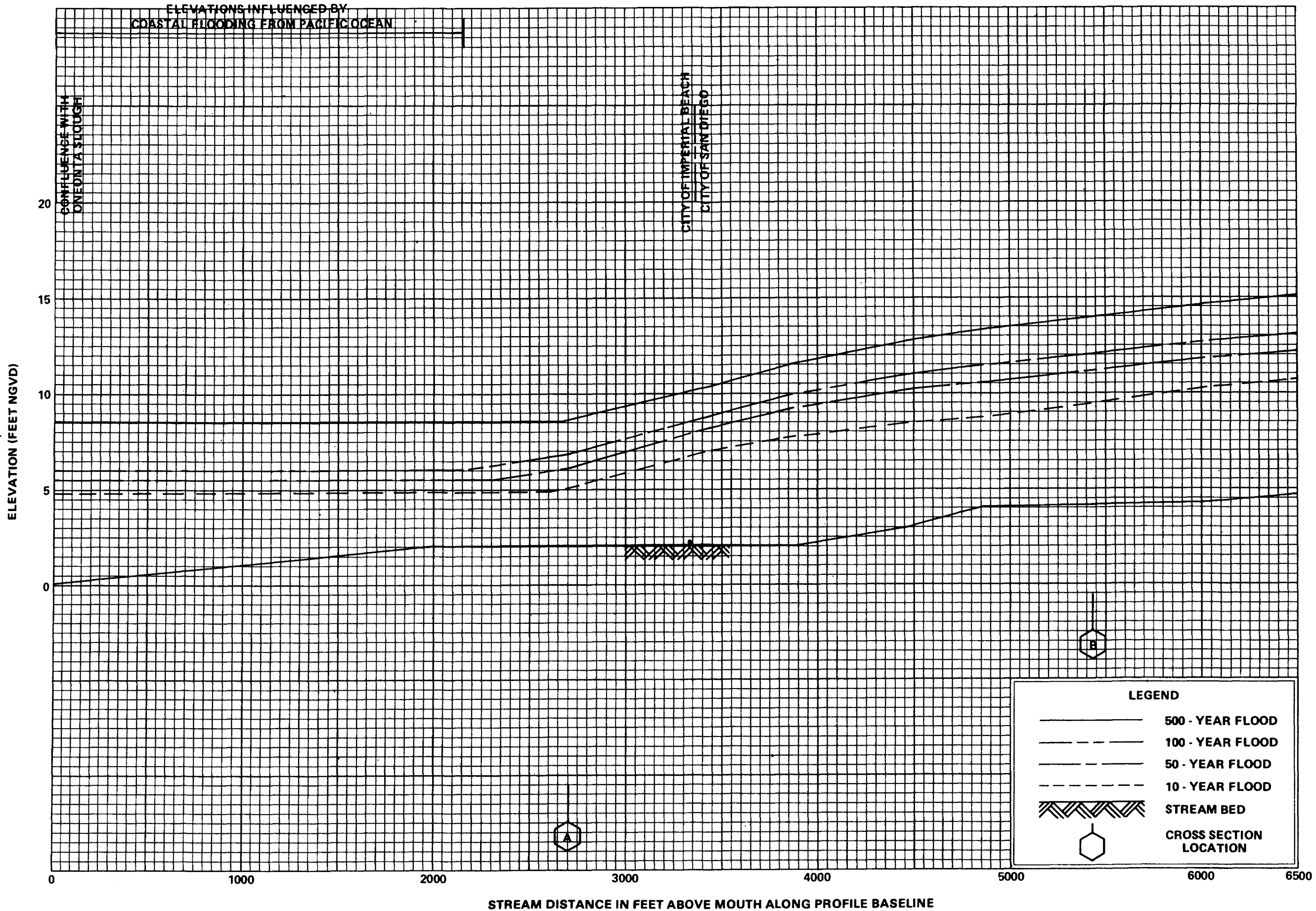
FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

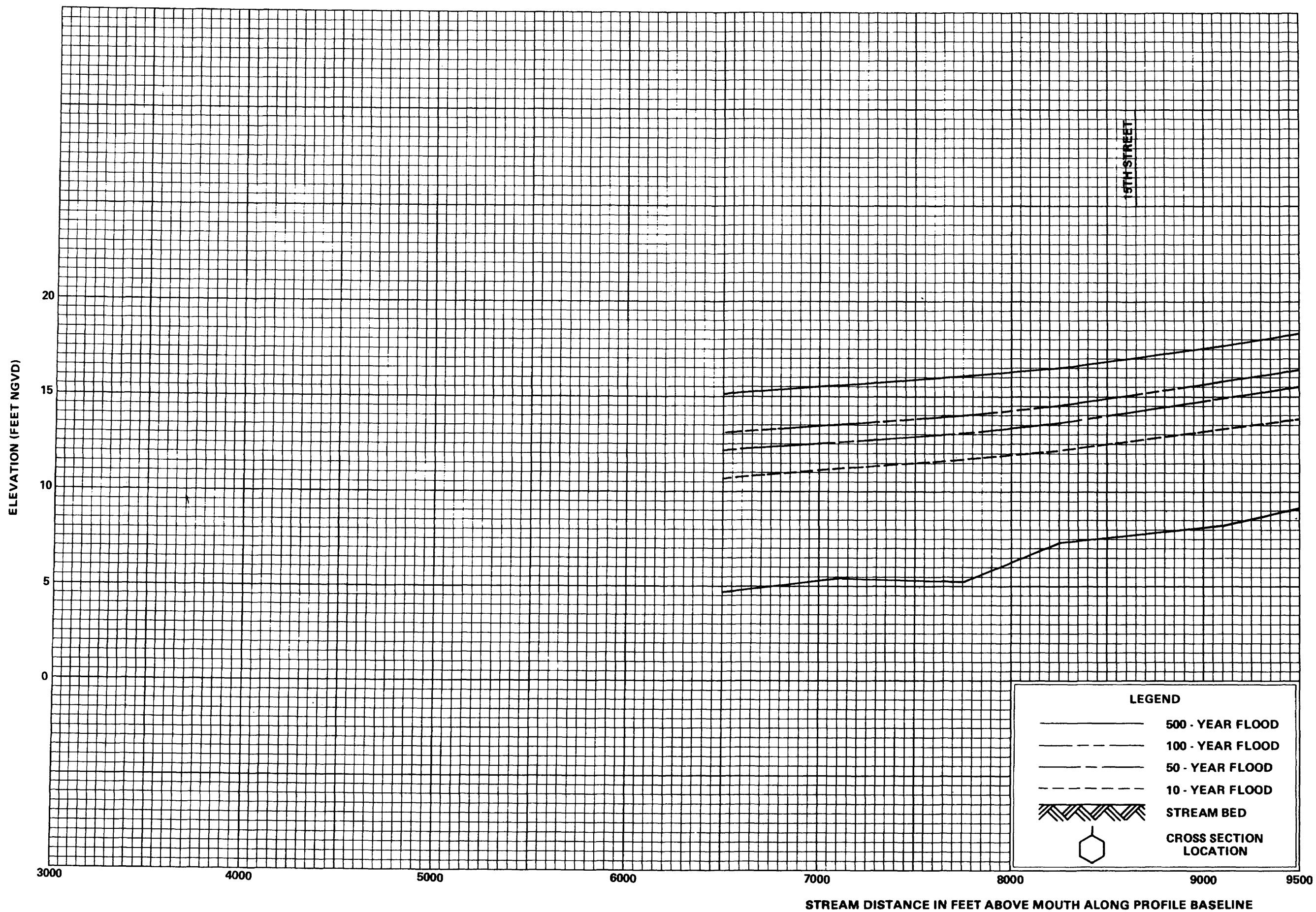


FLOOD PROFILES

TIJUANA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

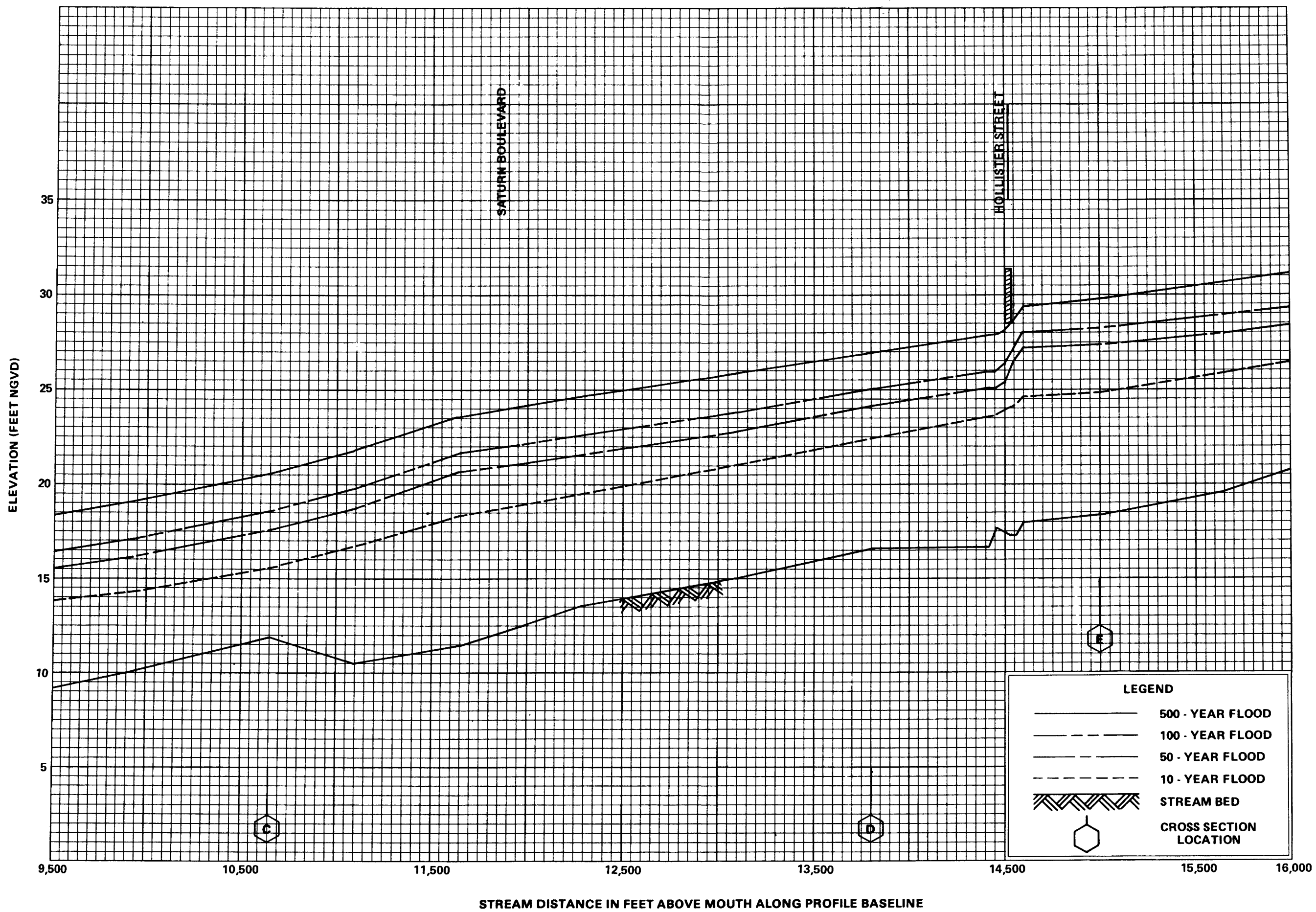


FLOOD PROFILES

TIJUANA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

505P



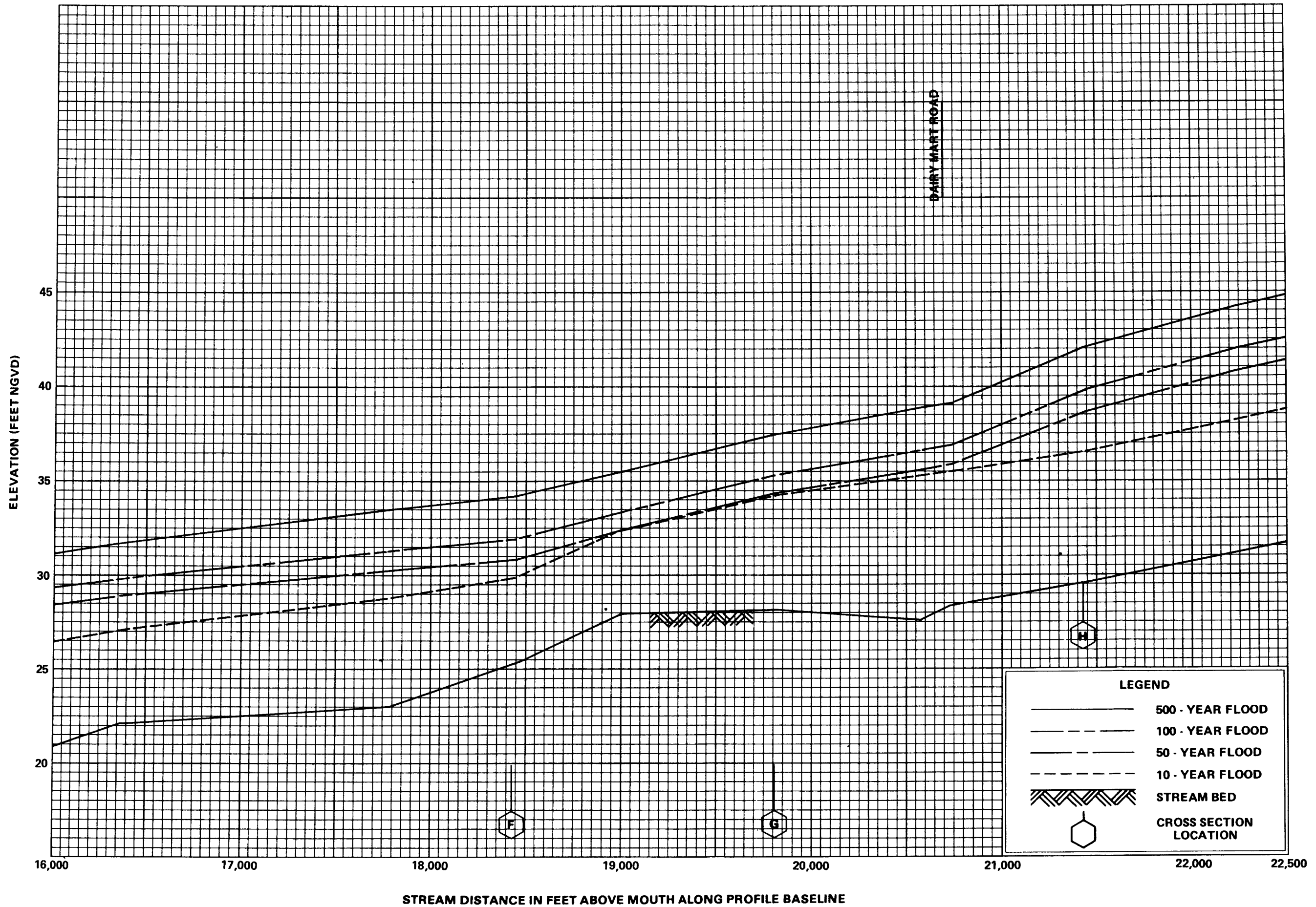
FLOOD PROFILES

TIJUANA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

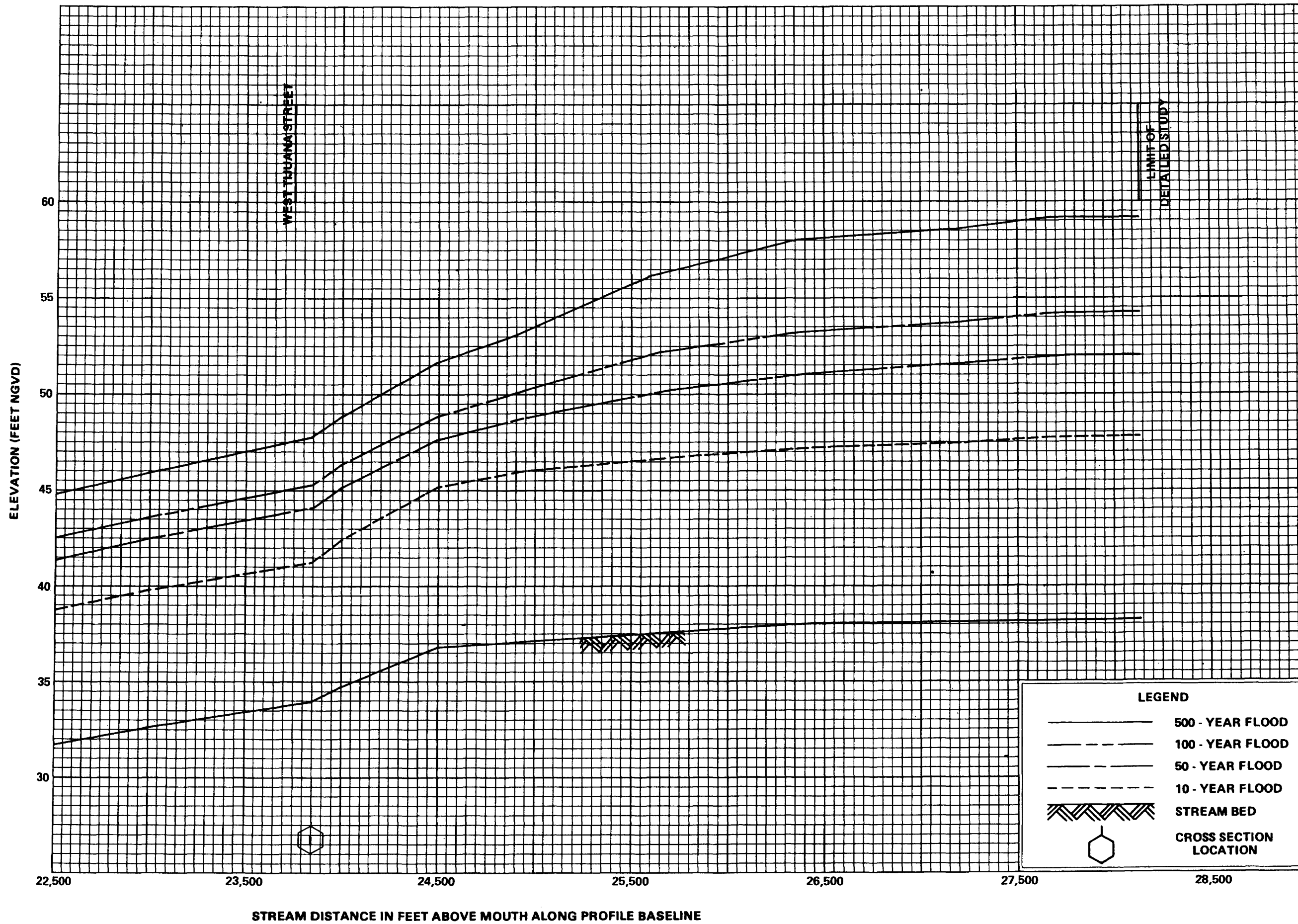
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FLOOD PROFILES

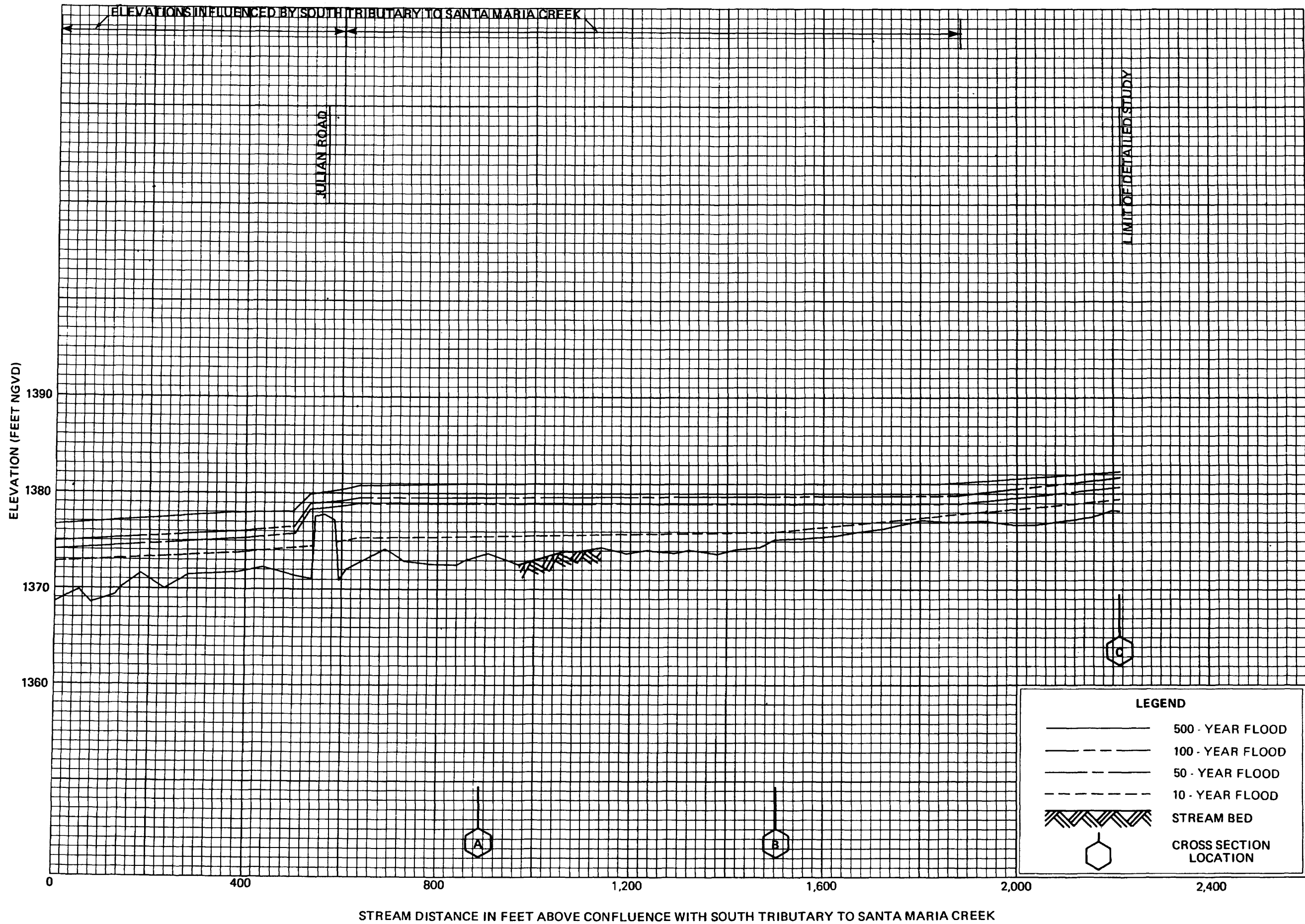
TIJUANA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
TIJUANA RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

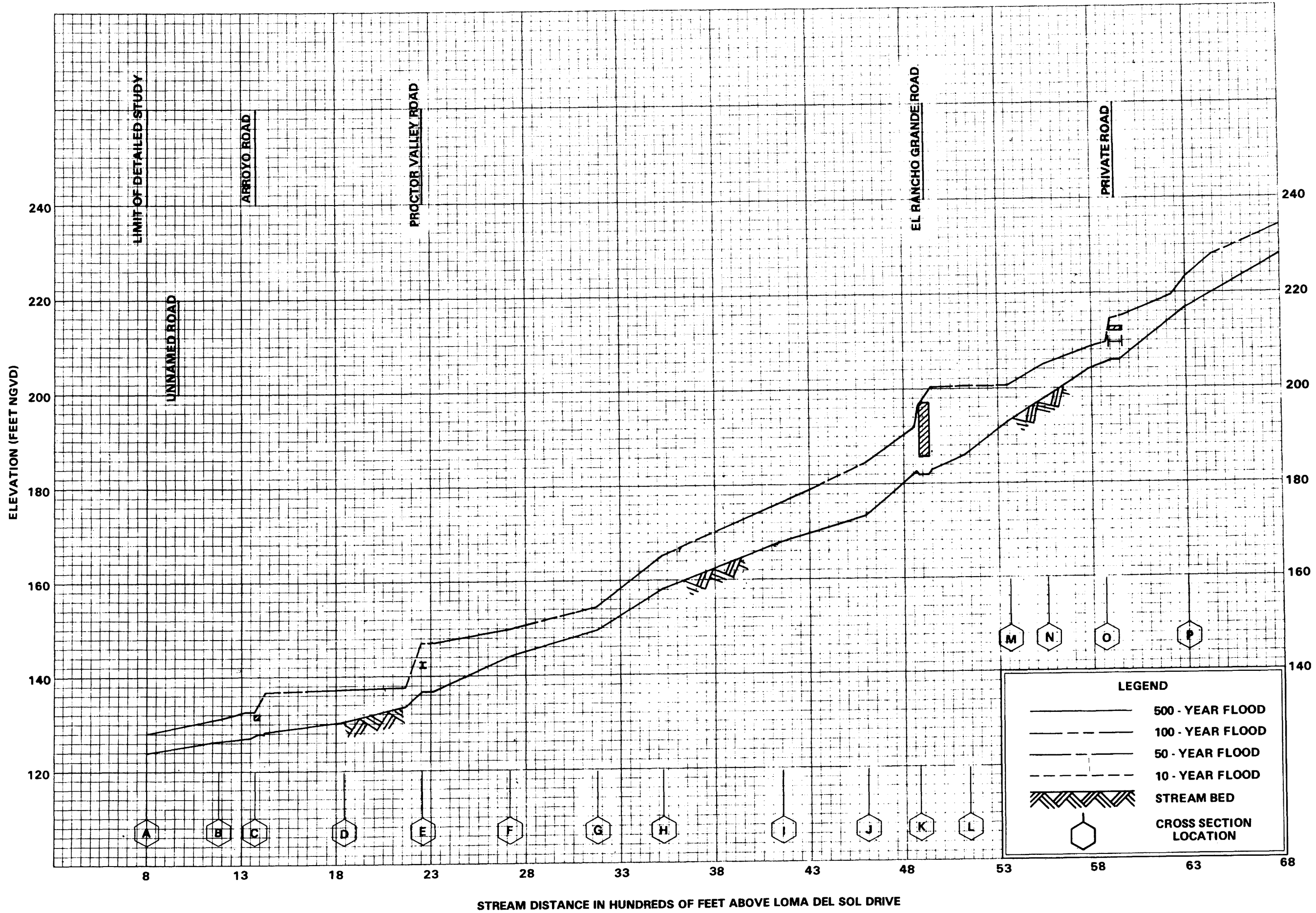


LEGEND	
—————	500 - YEAR FLOOD
- - - - -	100 - YEAR FLOOD
- · - · -	50 - YEAR FLOOD
· · · · ·	10 - YEAR FLOOD
▨▨▨▨▨▨▨▨▨▨	STREAM BED
⬡	CROSS SECTION LOCATION

FLOOD PROFILES

TRIBUTARY OF SOUTH TRIBUTARY TO SANTA MARIA CREEK






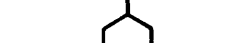
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SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

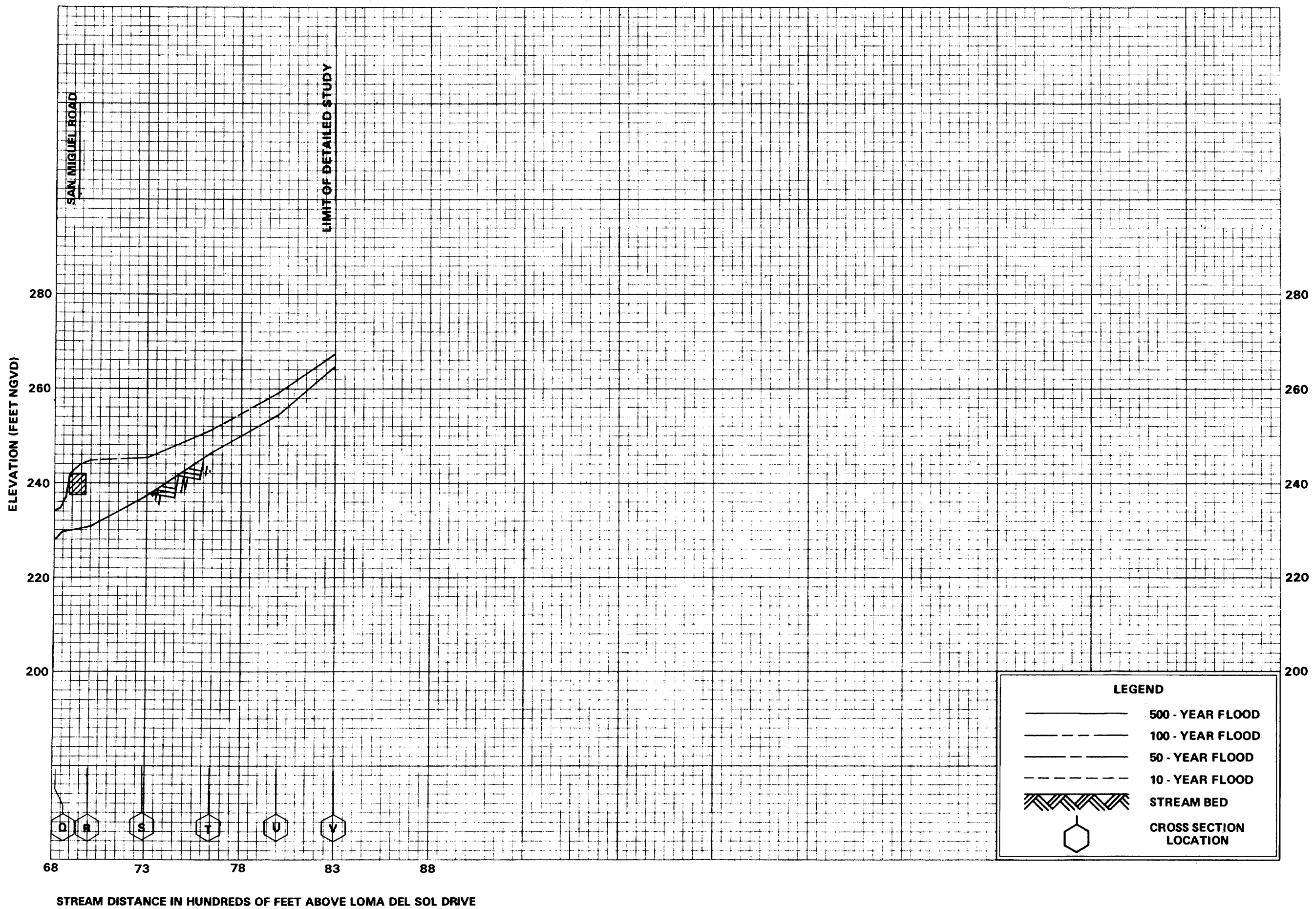


FLOOD PROFILES
TRIBUTARY TO SWEETWATER RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

LEGEND

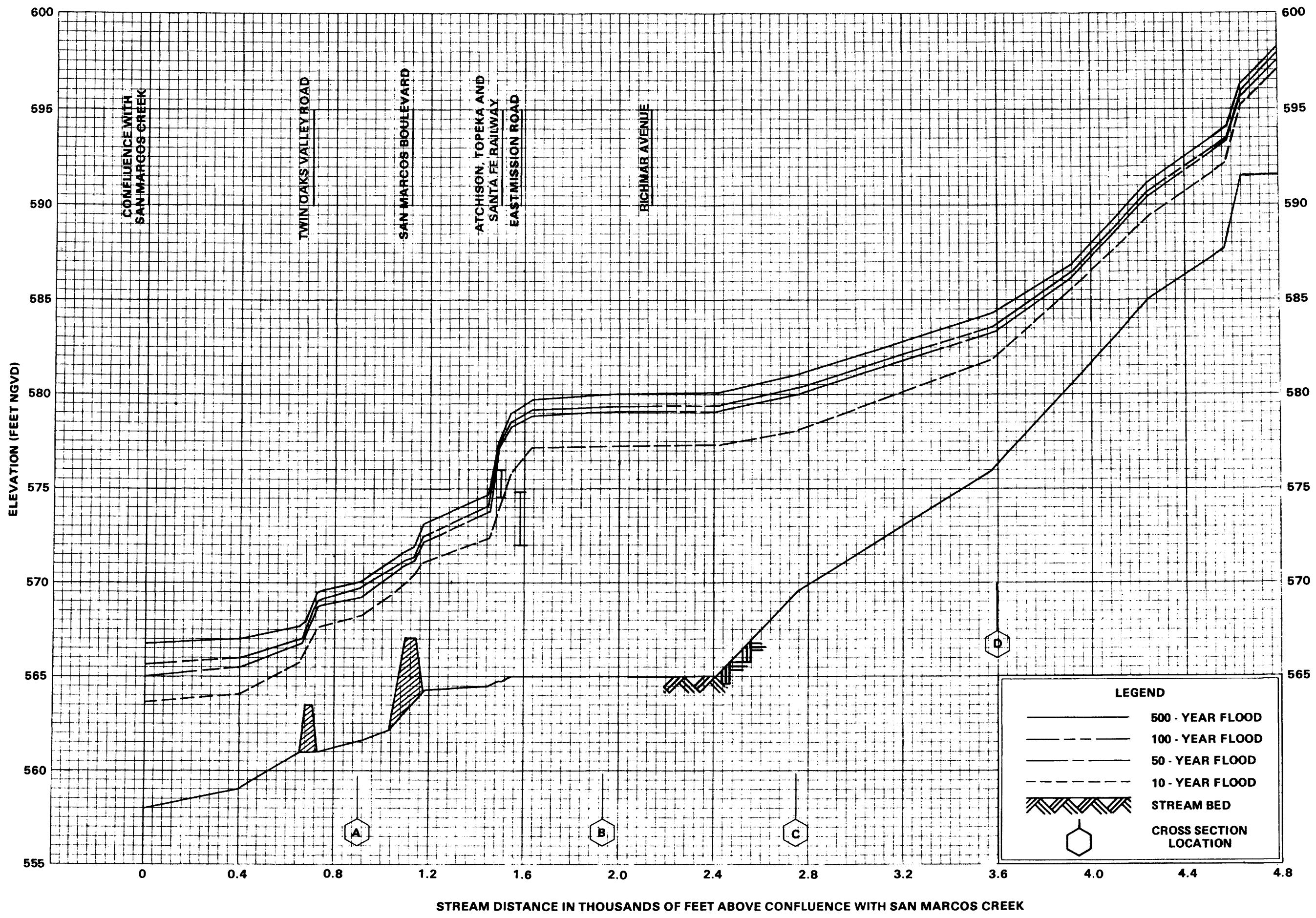
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	10 - YEAR FLOOD
	STREAM BED
	CROSS SECTION LOCATION



FLOOD PROFILES

TRIBUTARY TO SWEETWATER RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

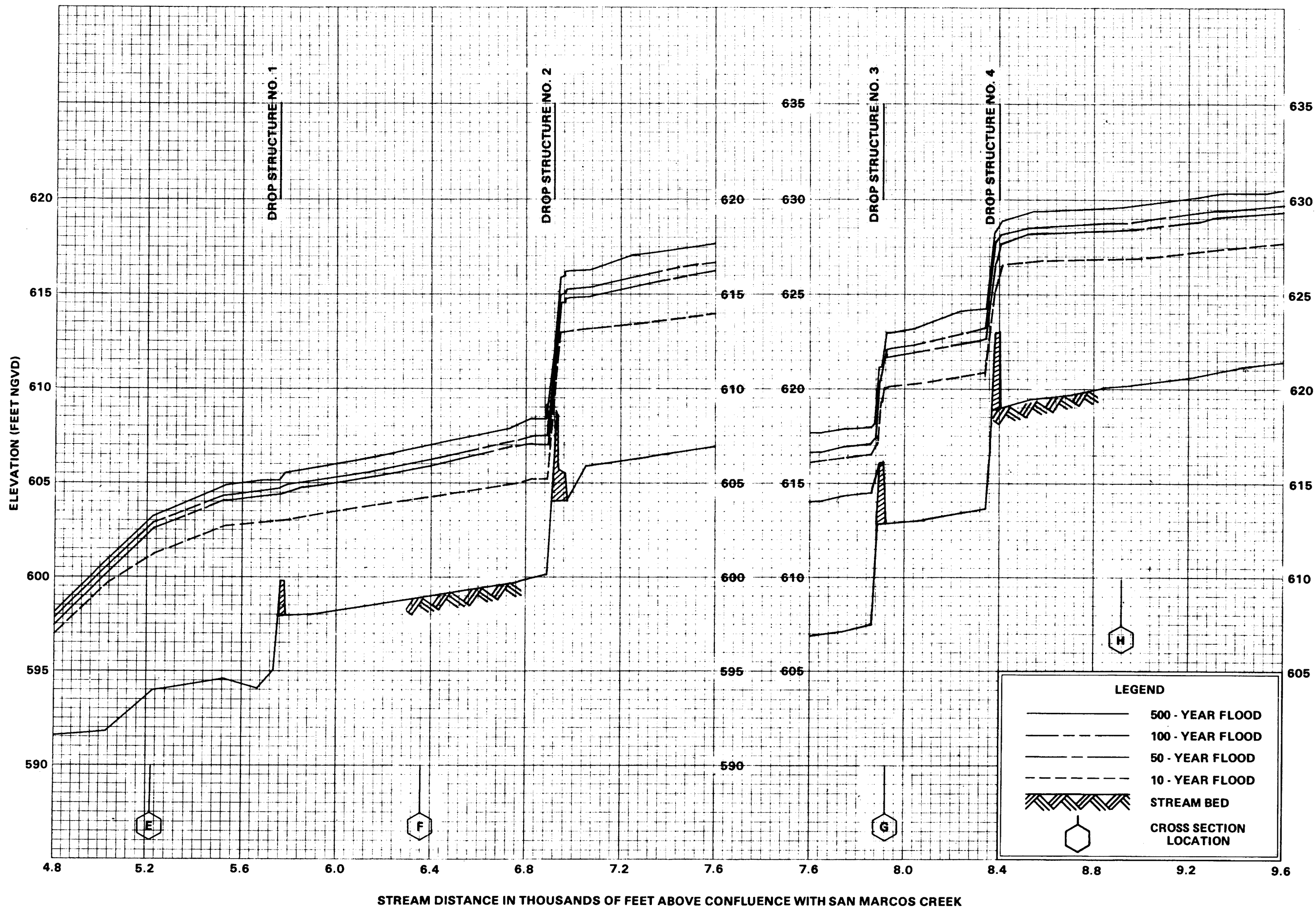


FLOOD PROFILES

TWIN OAKS VALLEY CREEK

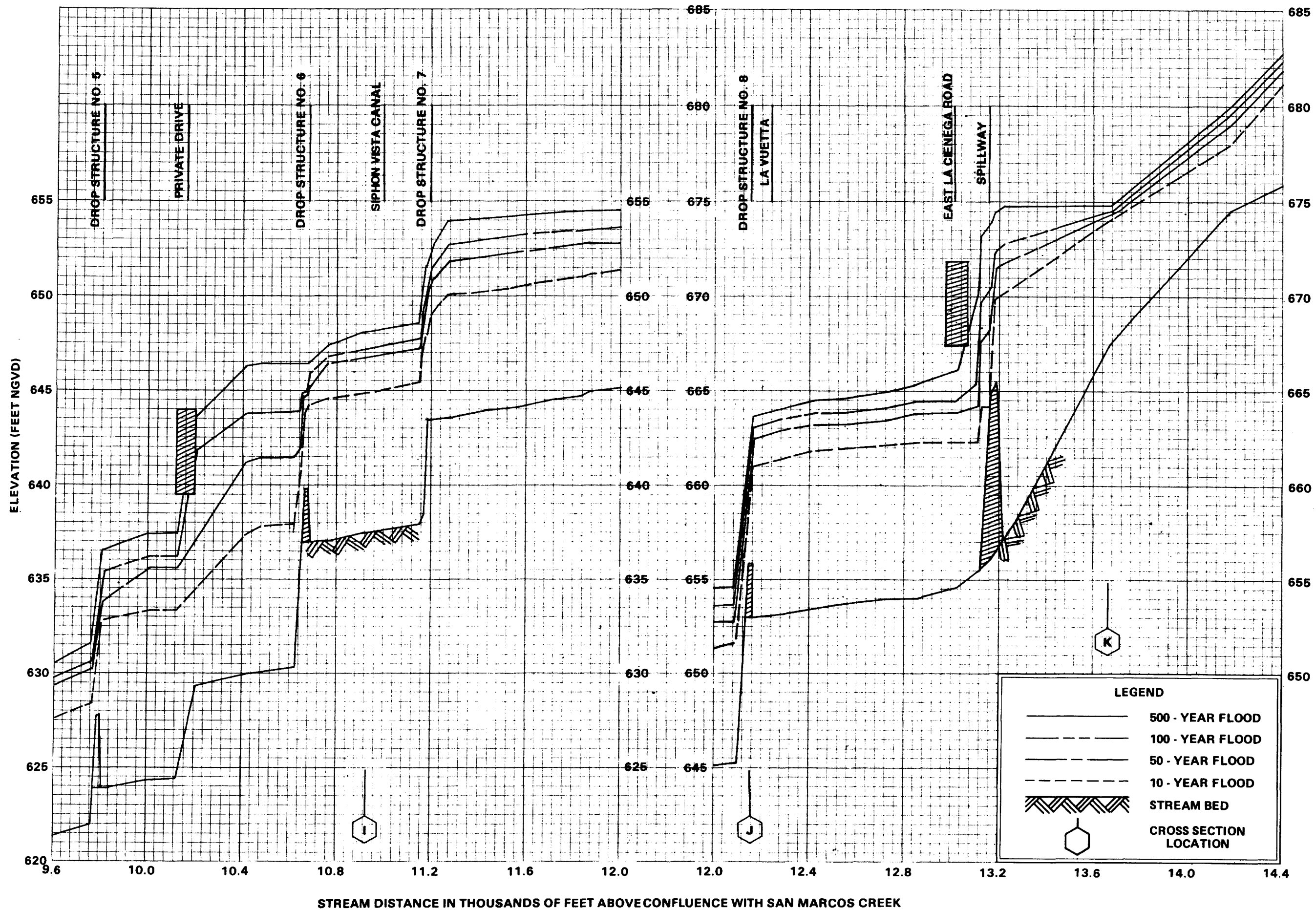
FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
TWIN OAKS VALLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

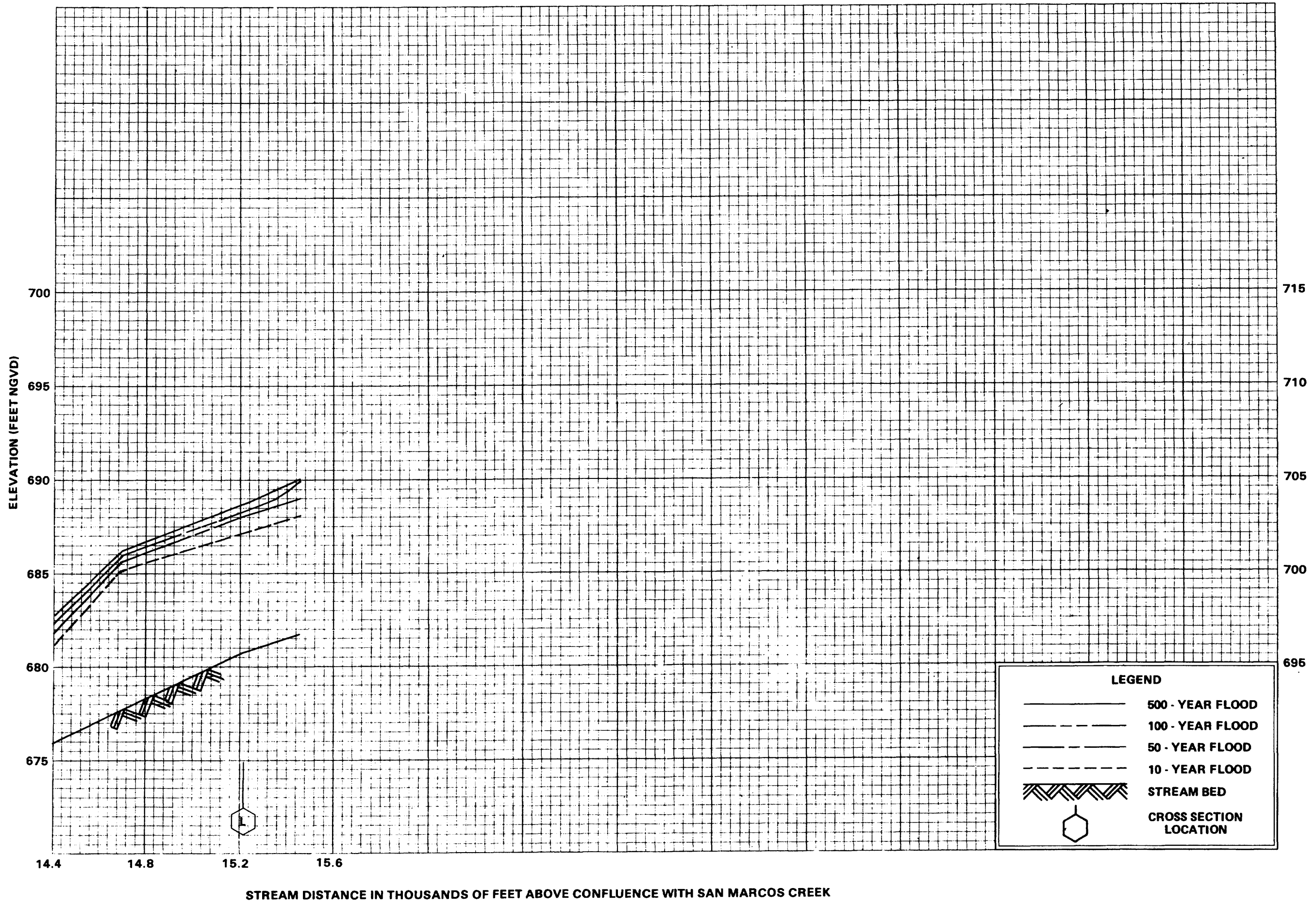


LEGEND

—	500 - YEAR FLOOD
- - -	100 - YEAR FLOOD
- · - · -	50 - YEAR FLOOD
· · · · ·	10 - YEAR FLOOD
▨▨▨▨▨▨▨▨▨▨	STREAM BED
⬡	CROSS SECTION LOCATION

**FLOOD PROFILES
TWIN OAK VALLEY CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

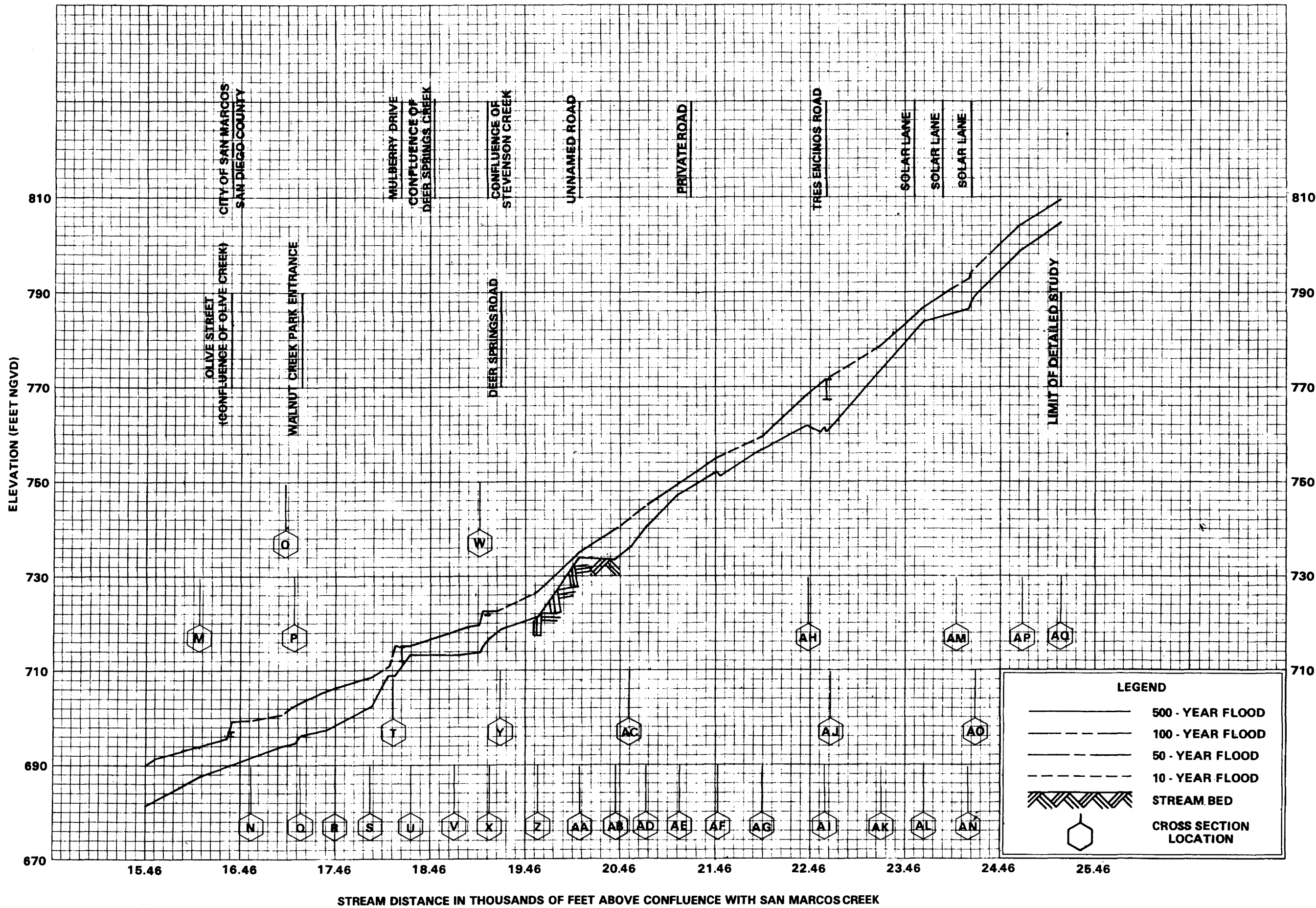


FLOOD PROFILES

TWIN OAKS VALLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
TWIN OAKS VALLEY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

ELEVATIONS INFLUENCED BY LAS CHOLLAS CREEK

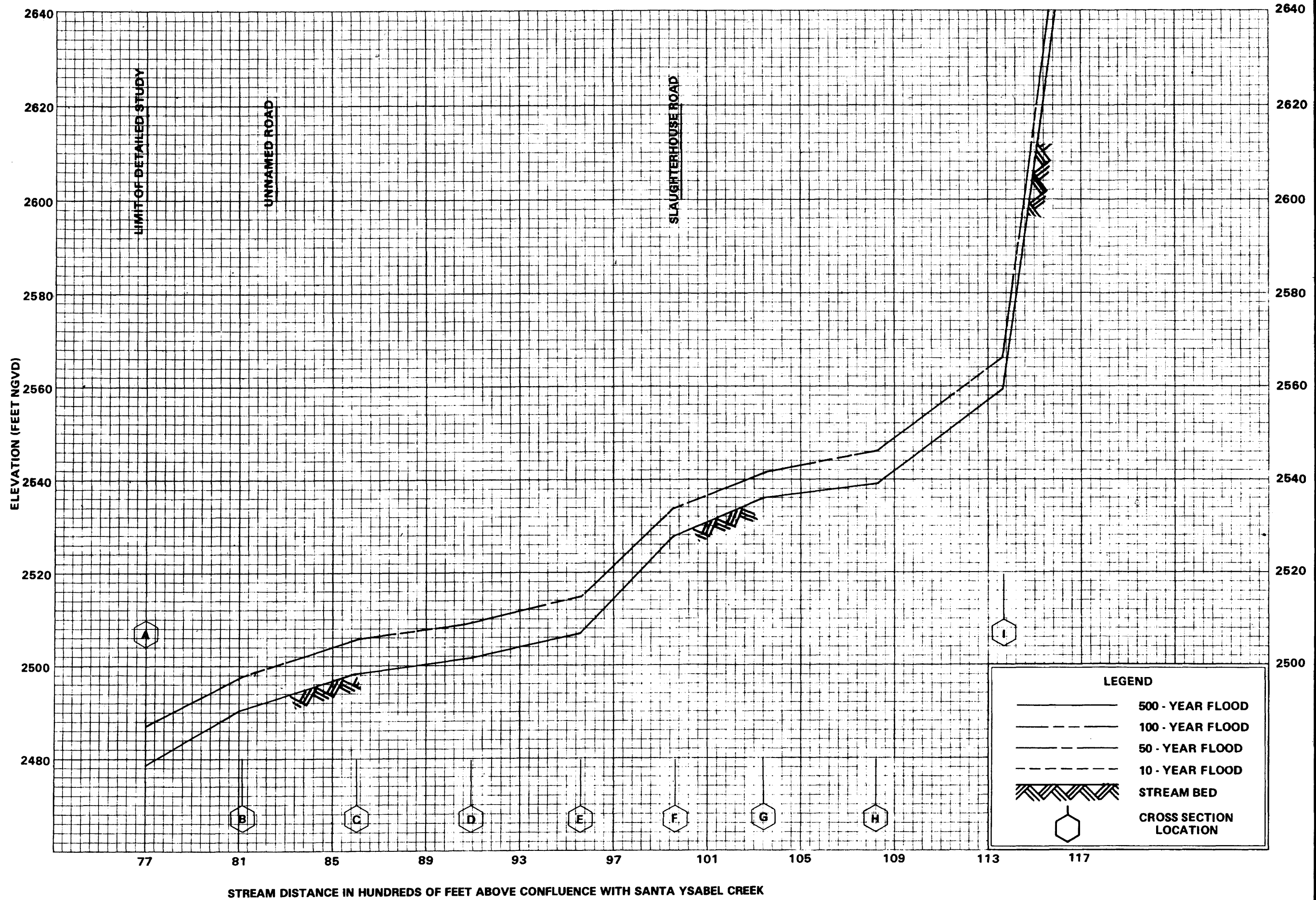


FLOOD PROFILES

WABASH BRANCH

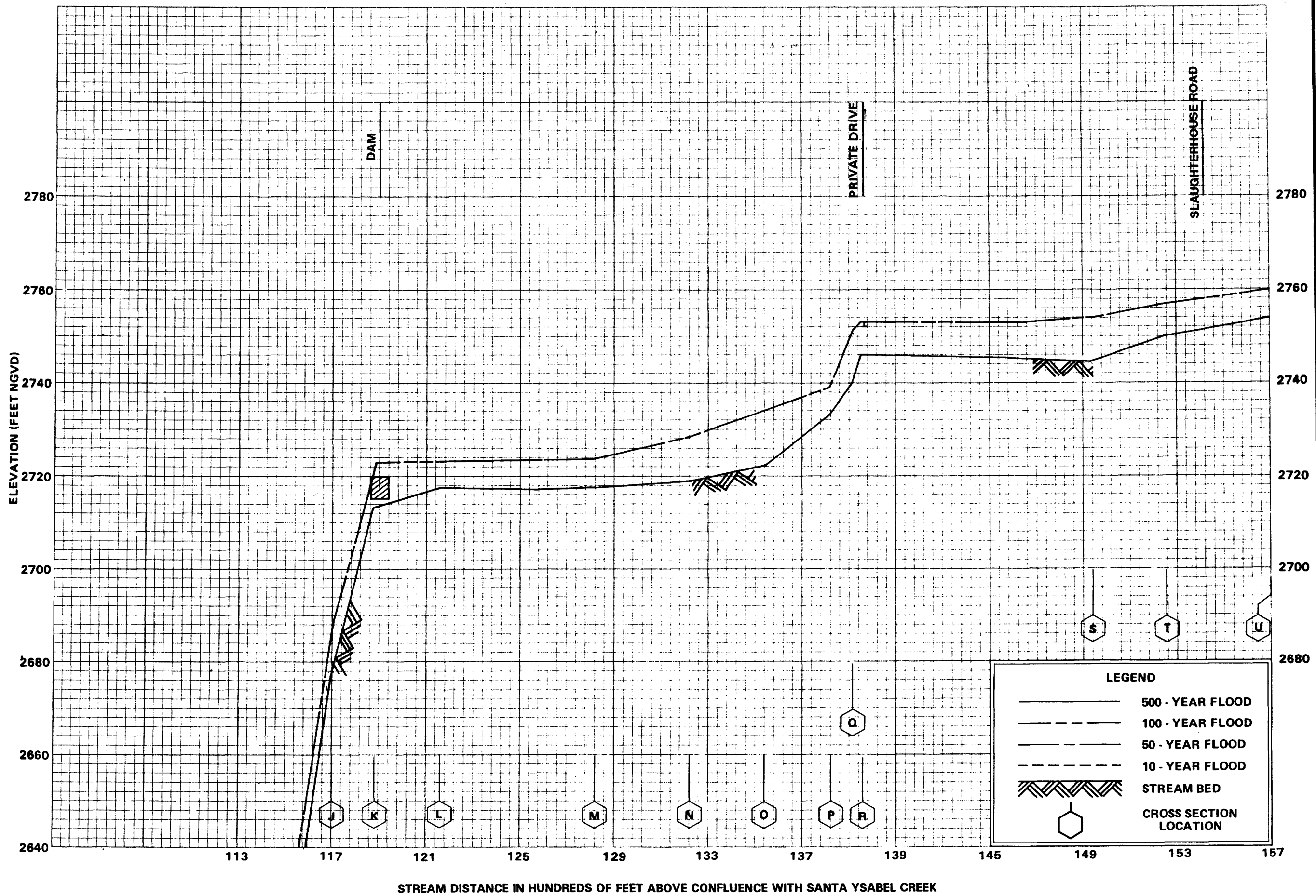
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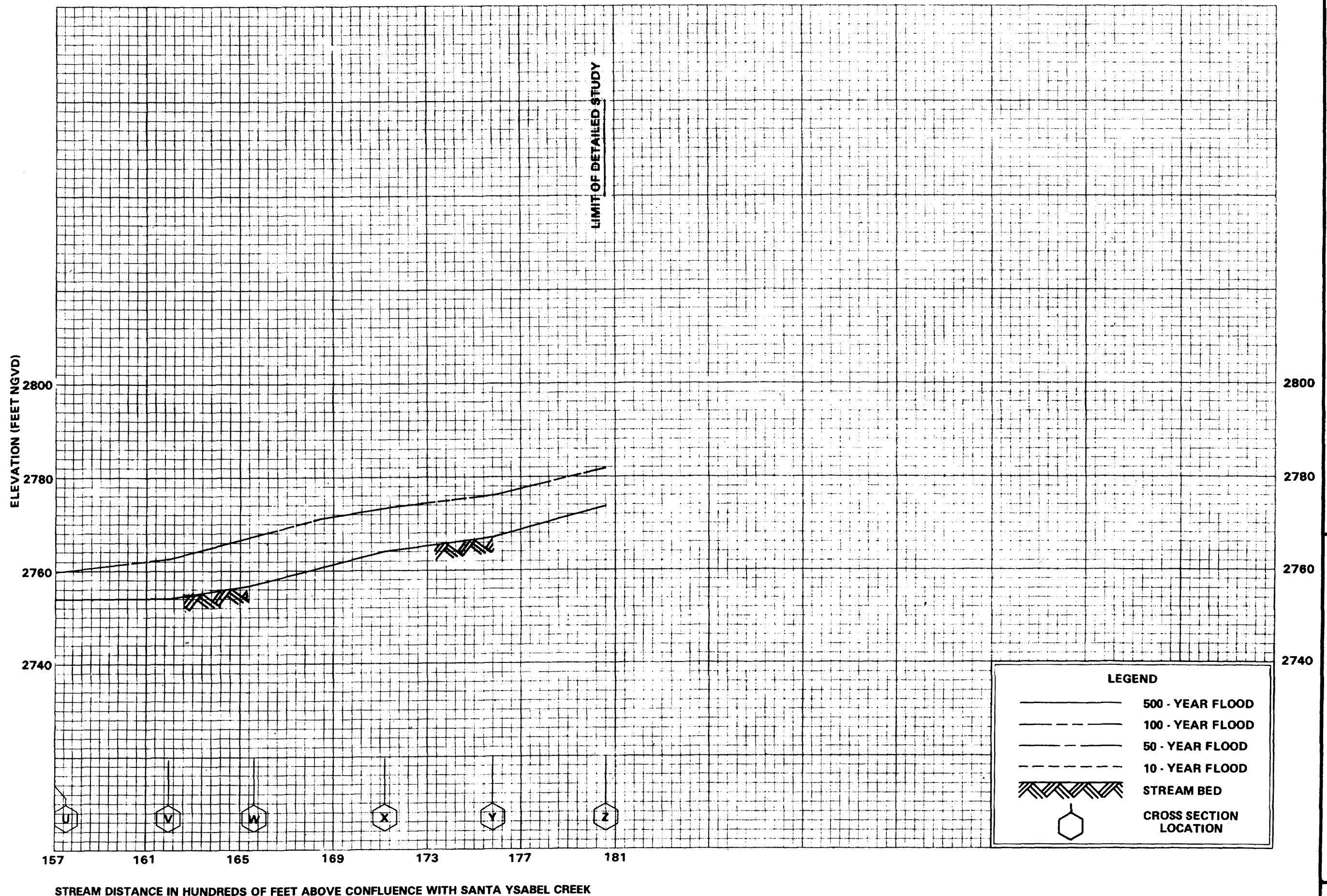
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



**FLOOD PROFILES
WITCH CREEK**

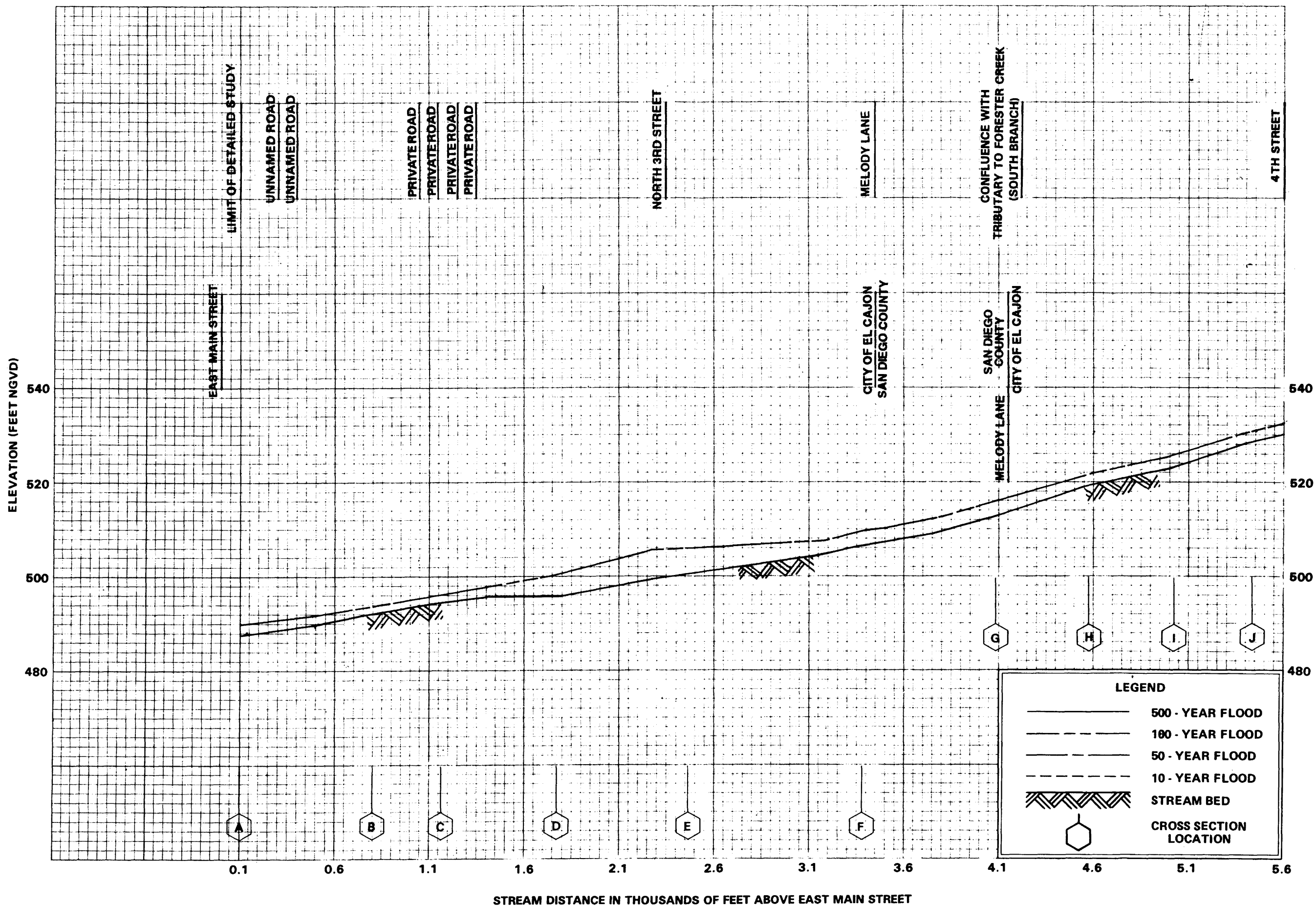
FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**





**FLOOD PROFILES
WITCH CREEK**

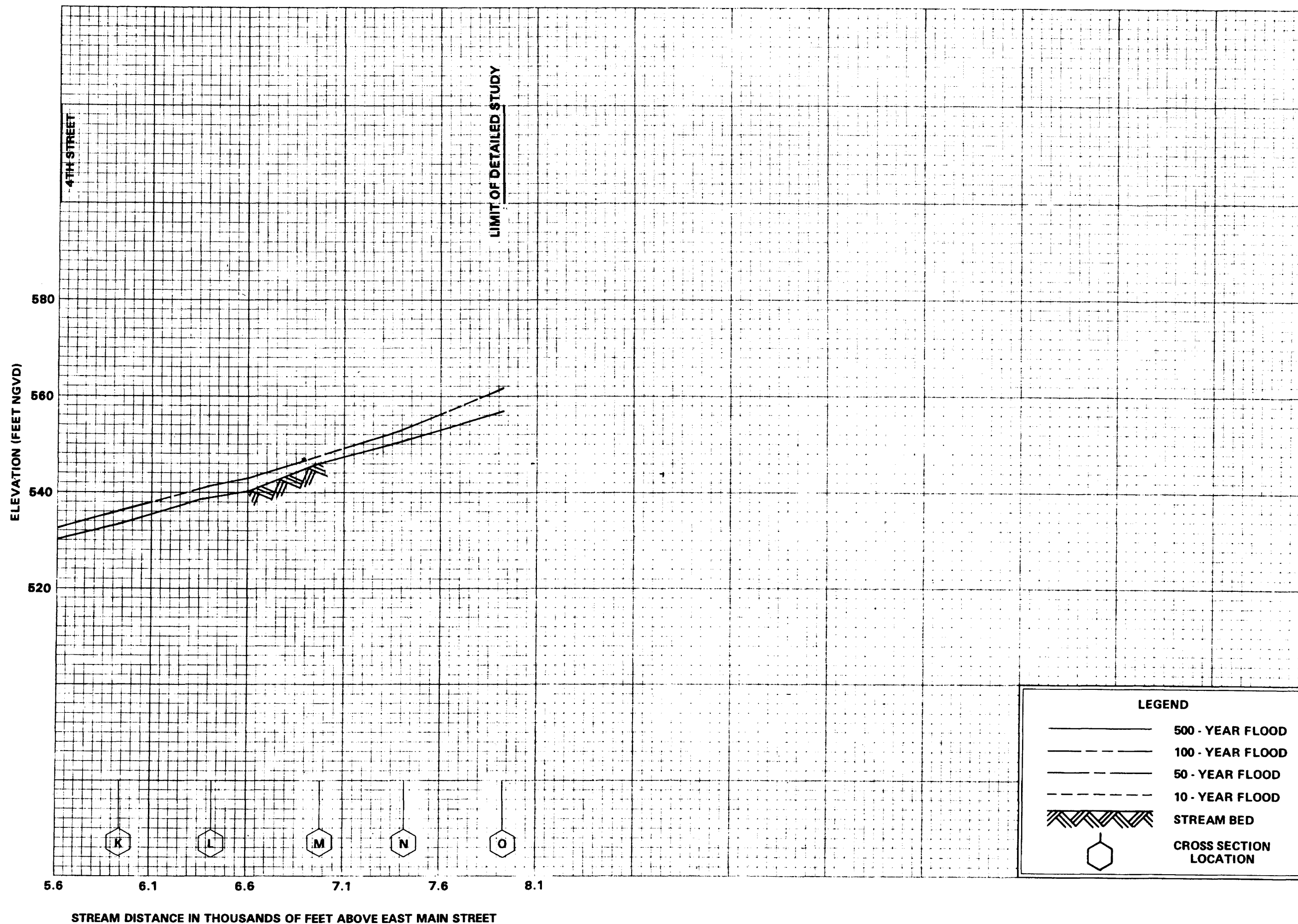
FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
 AND INCORPORATED AREAS**



FLOOD PROFILES

TRIBUTARY TO FORESTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

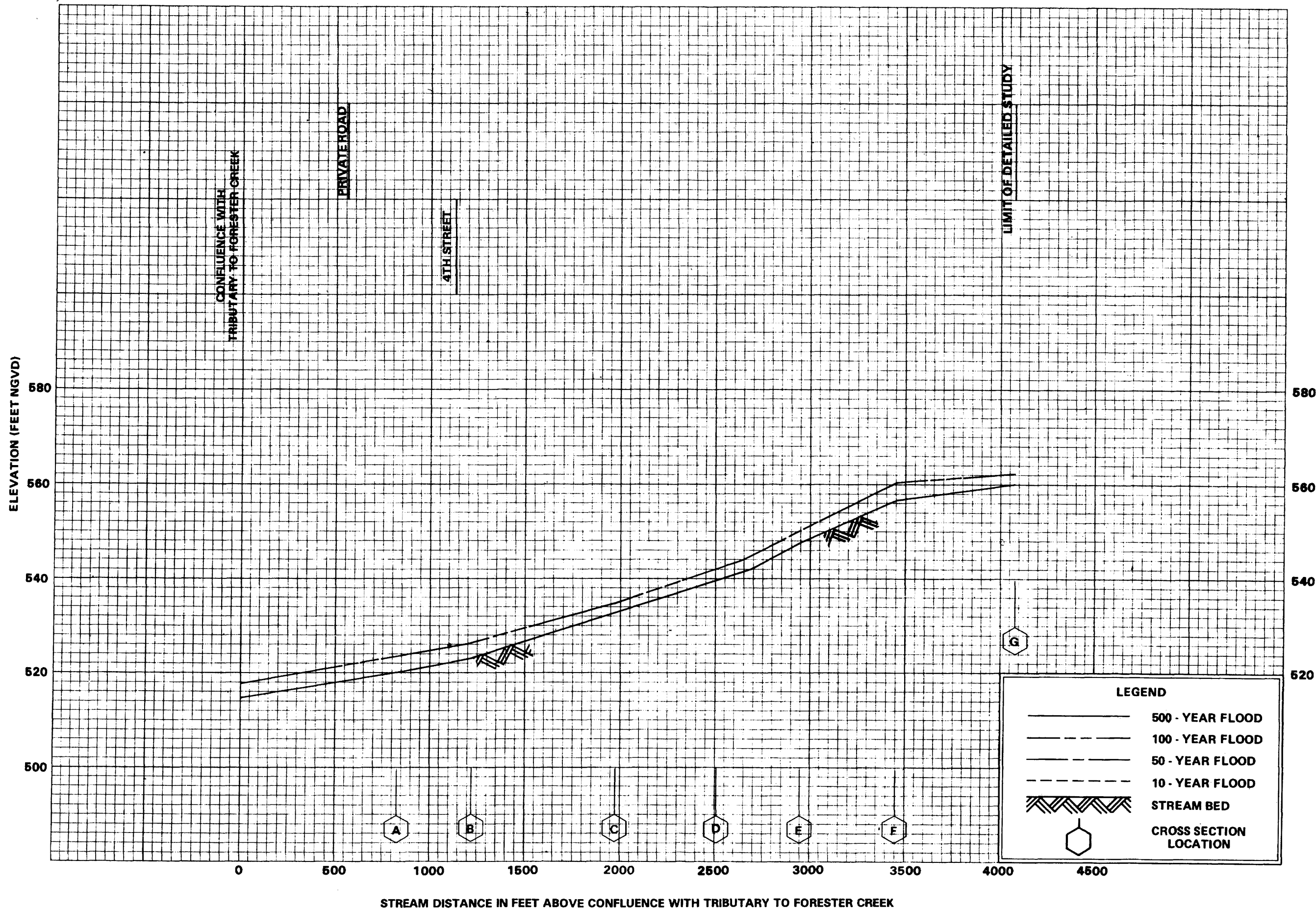


FLOOD PROFILES

TRIBUTARY TO FORESTER CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

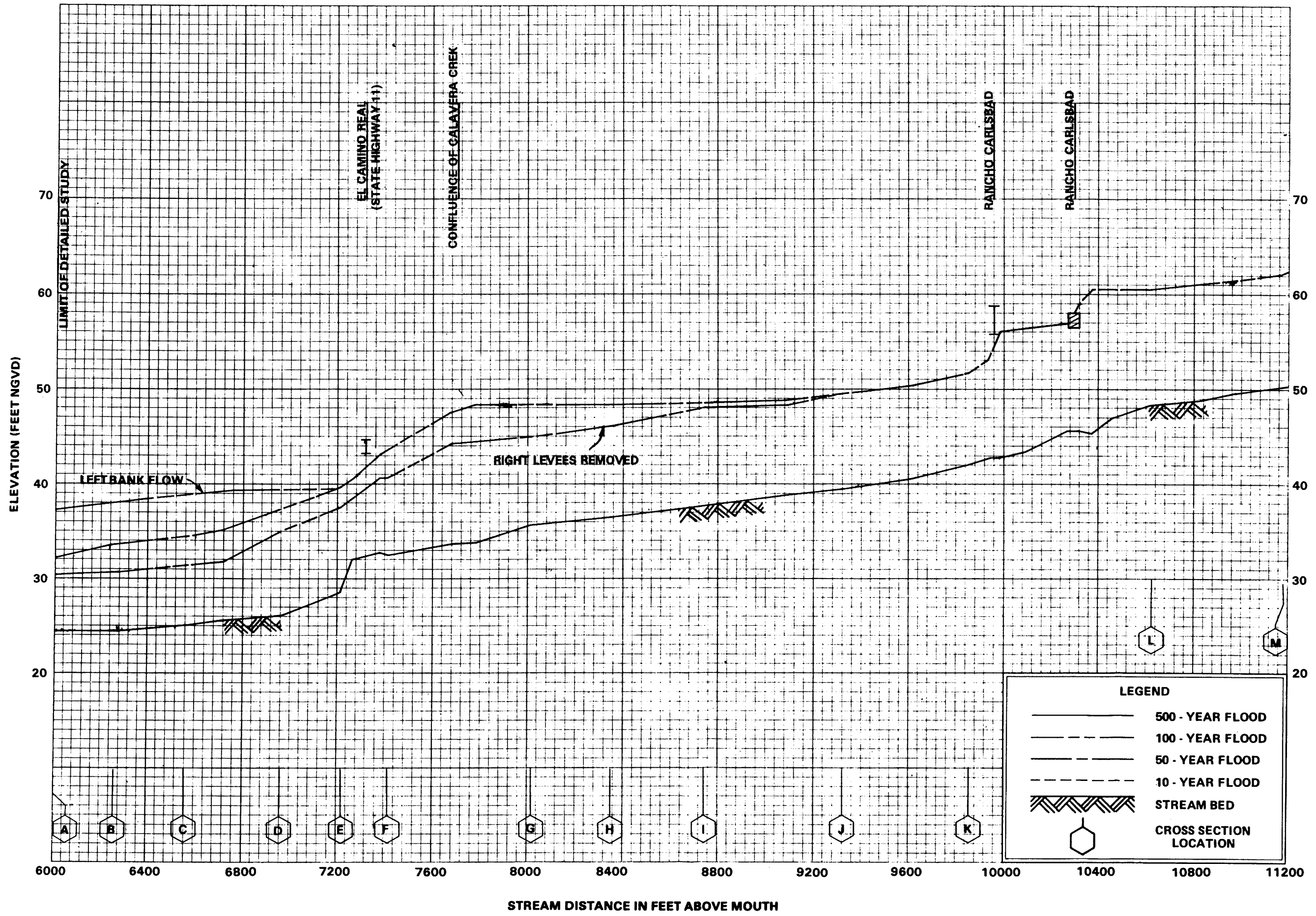


FLOOD PROFILES

TRIBUTARY TO FORESTER CREEK (SOUTH BRANCH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

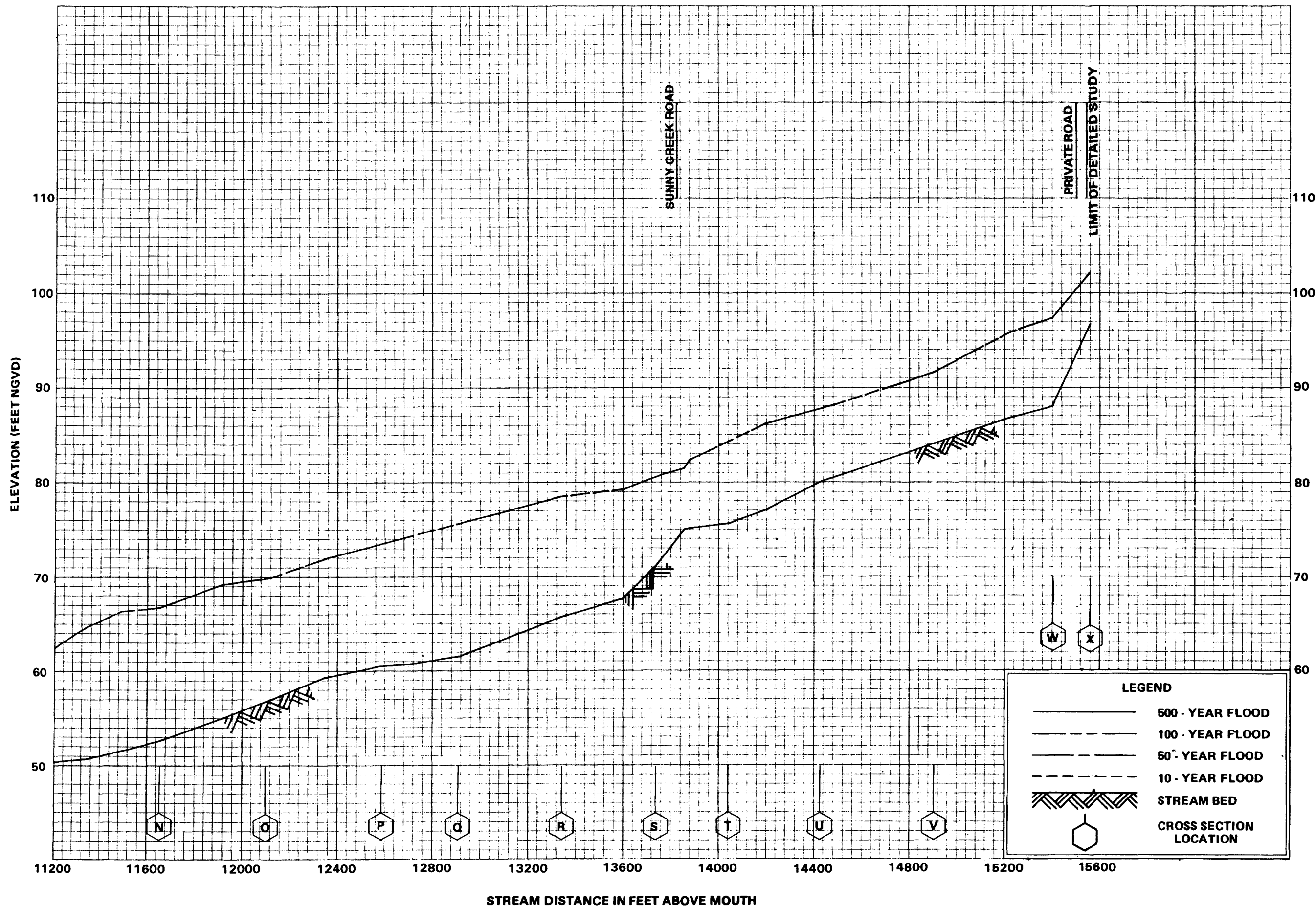
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES

AGUA HEDIONDA CREEK (AT CITY OF CARLSBAD)

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

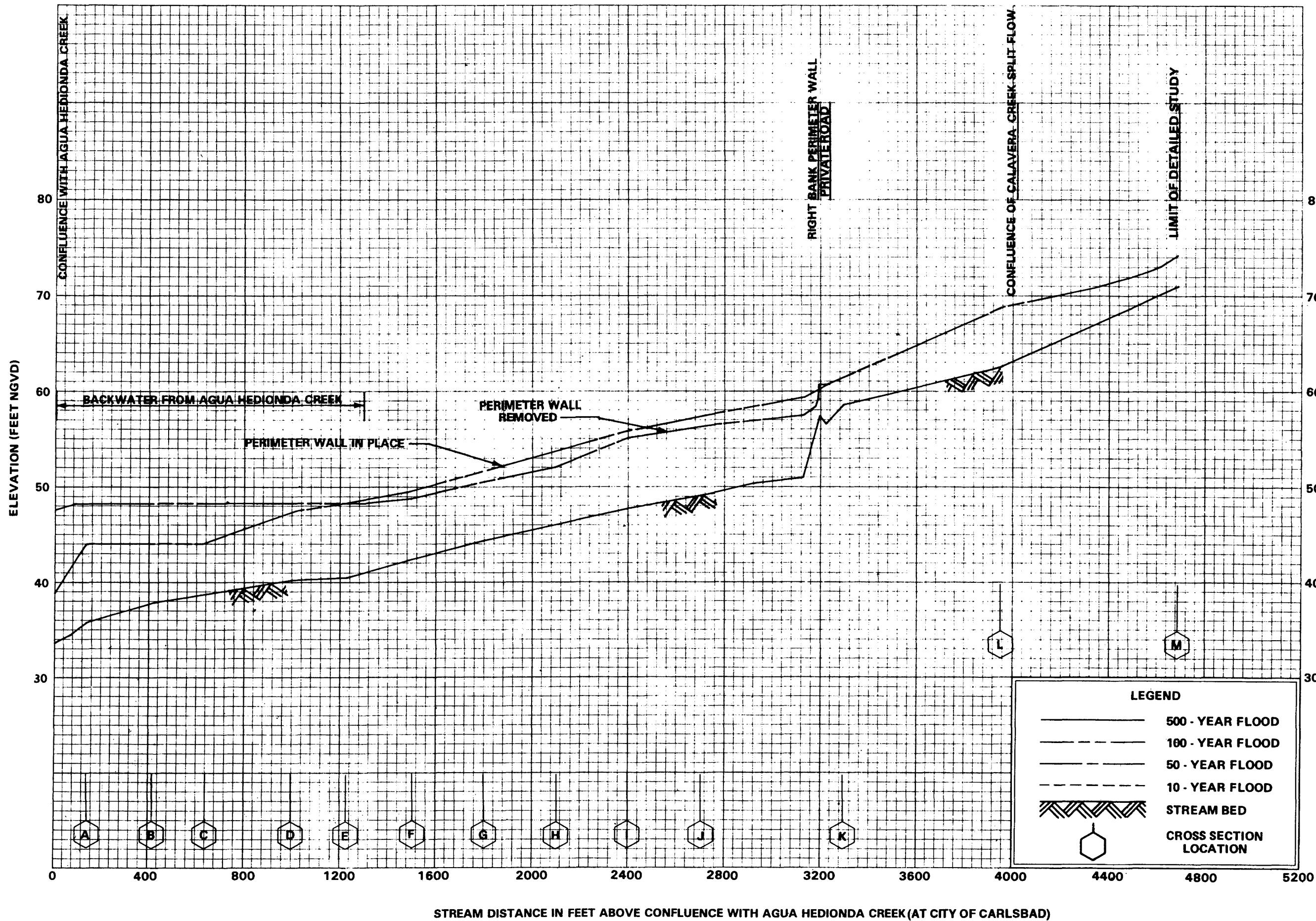


FLOOD PROFILES

AGUA HEDIONDA CREEK (AT CITY OF CARLSBAD)

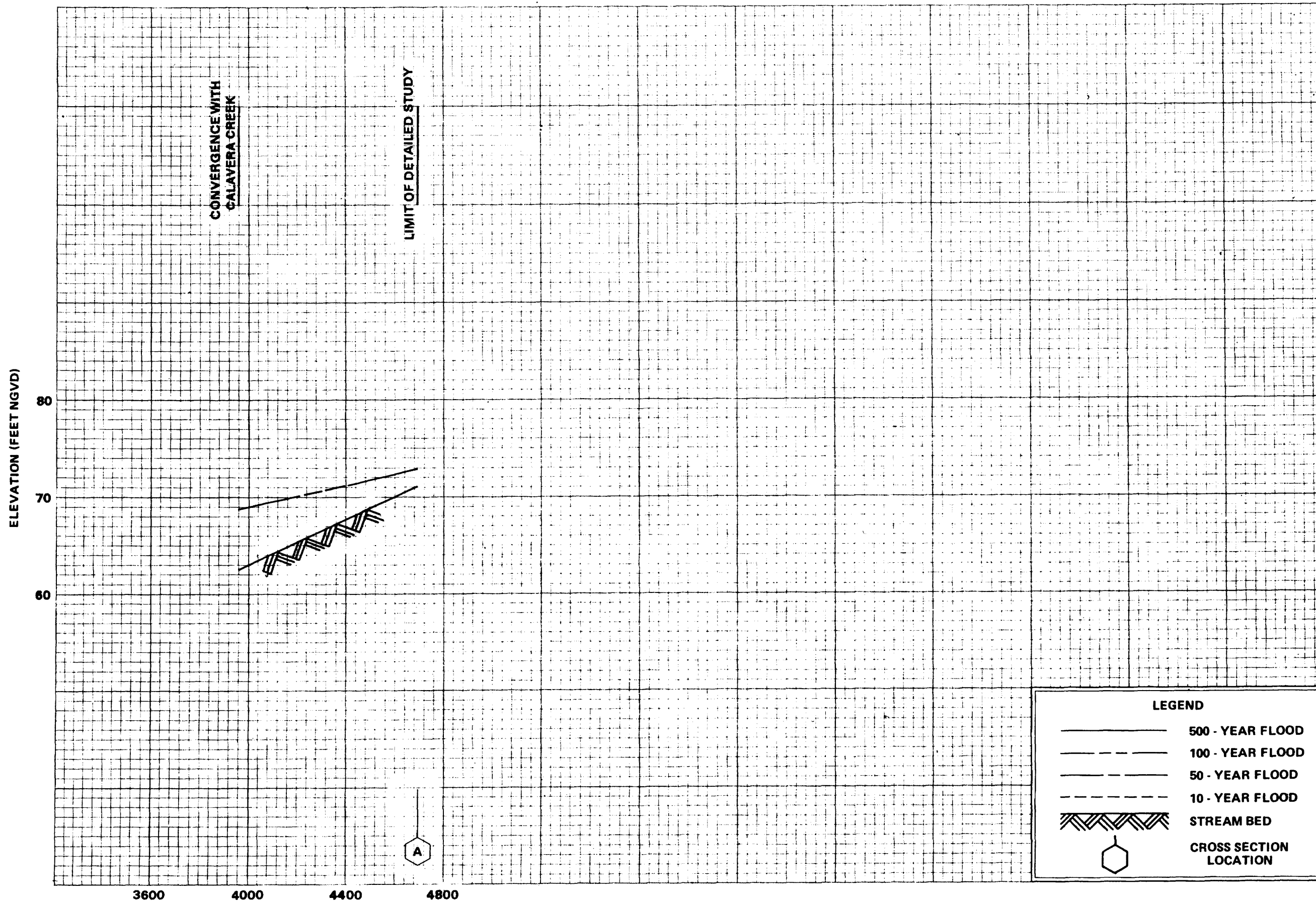
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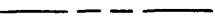




**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
CALAVERA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



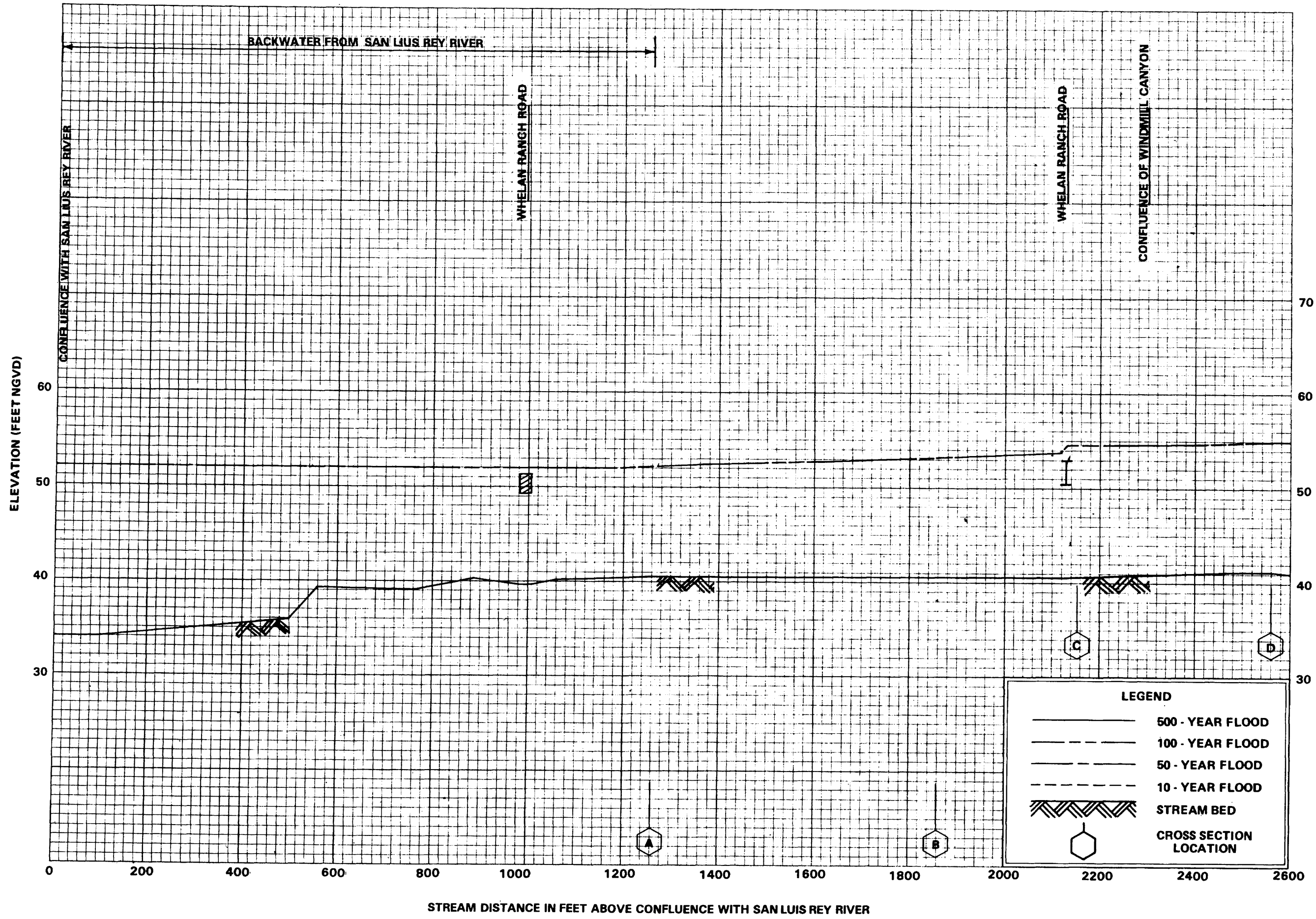
LEGEND	
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	100 - YEAR FLOOD
	50 - YEAR FLOOD
	10 - YEAR FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES

CALAVERA CREEK SPLIT FLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

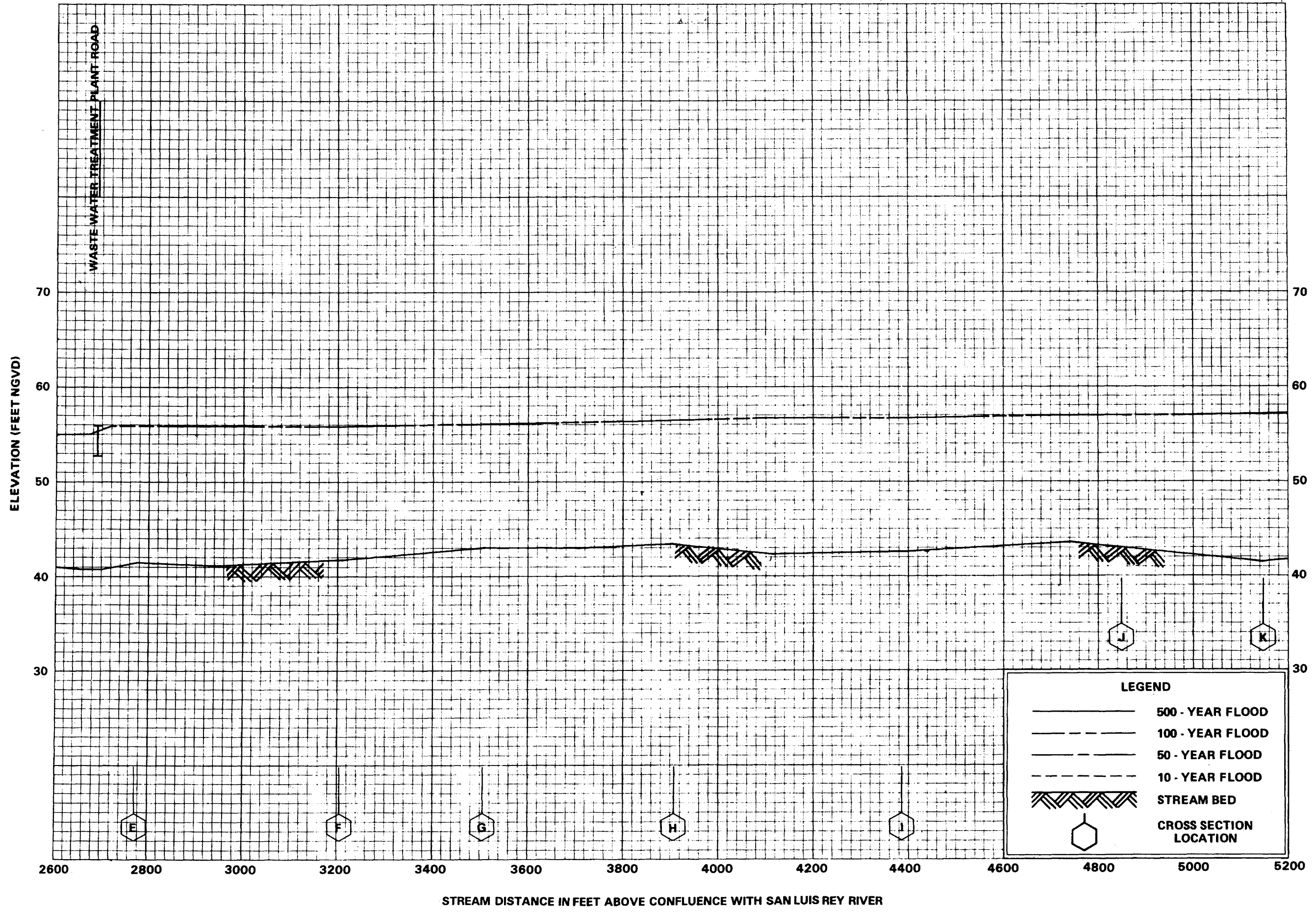
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



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

**FLOOD PROFILES
PILGRIM CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**



FLOOD PROFILES
PILGRIM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

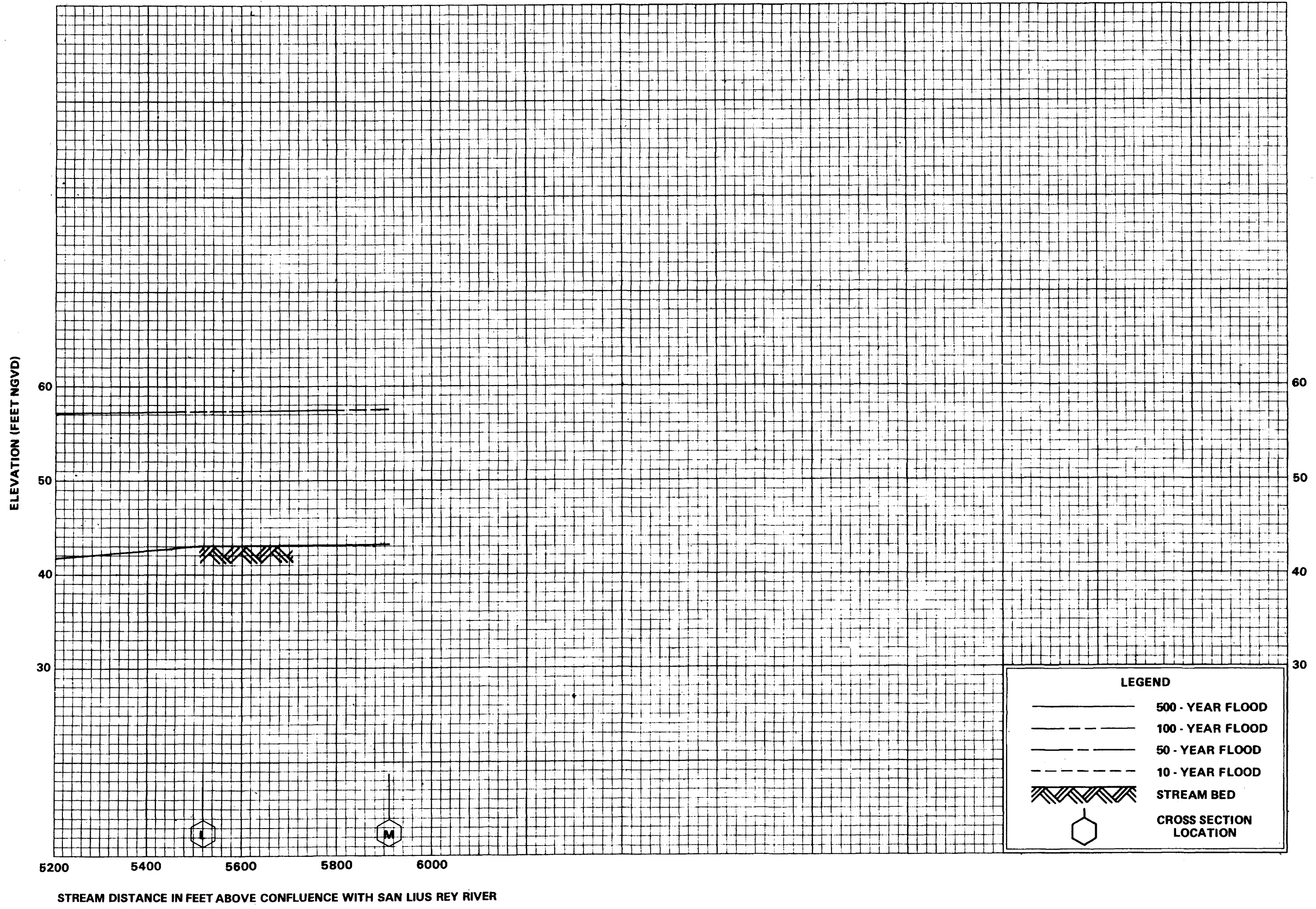
FLOOD PROFILES

PILGRIM CREEK

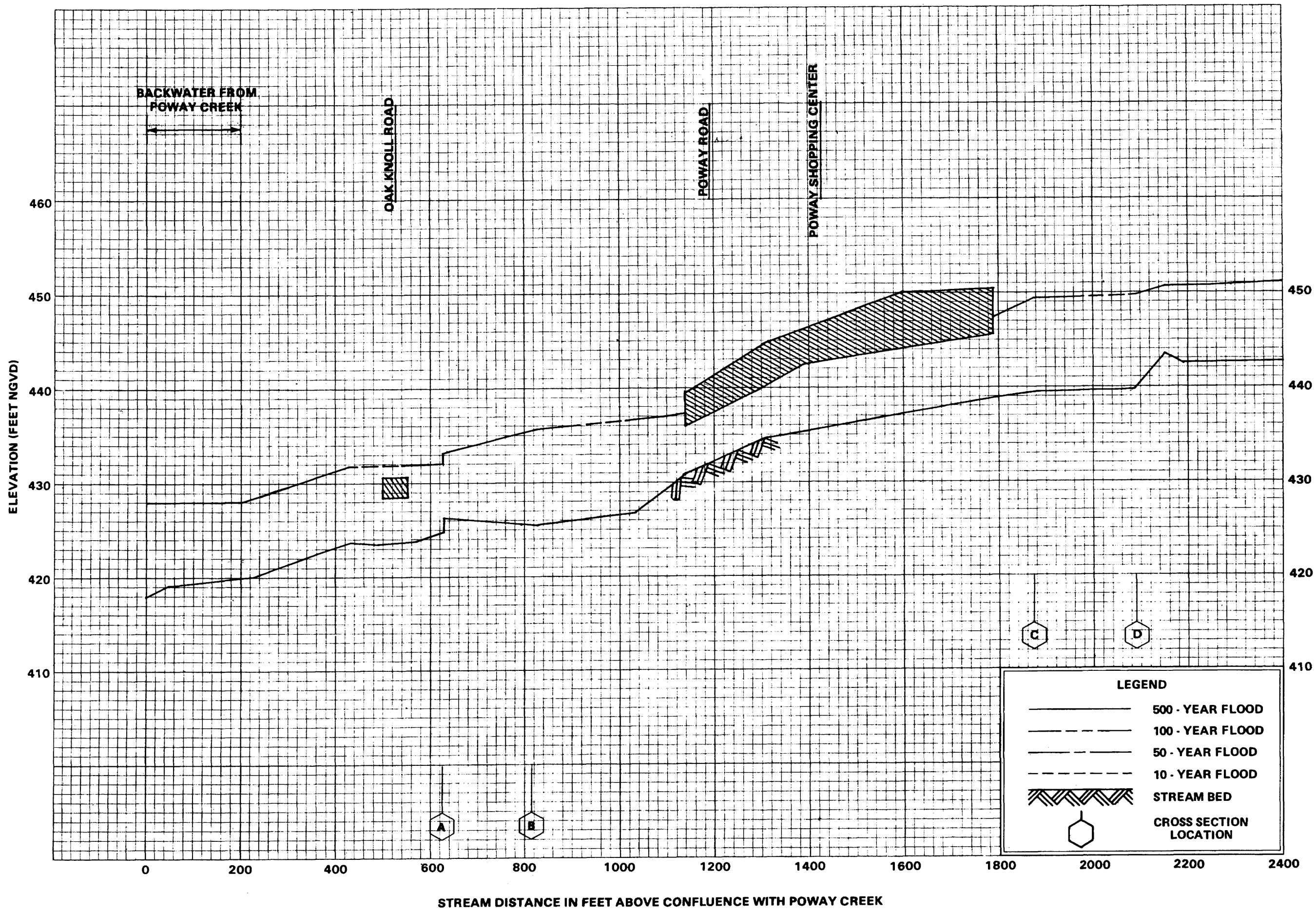
FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

530P

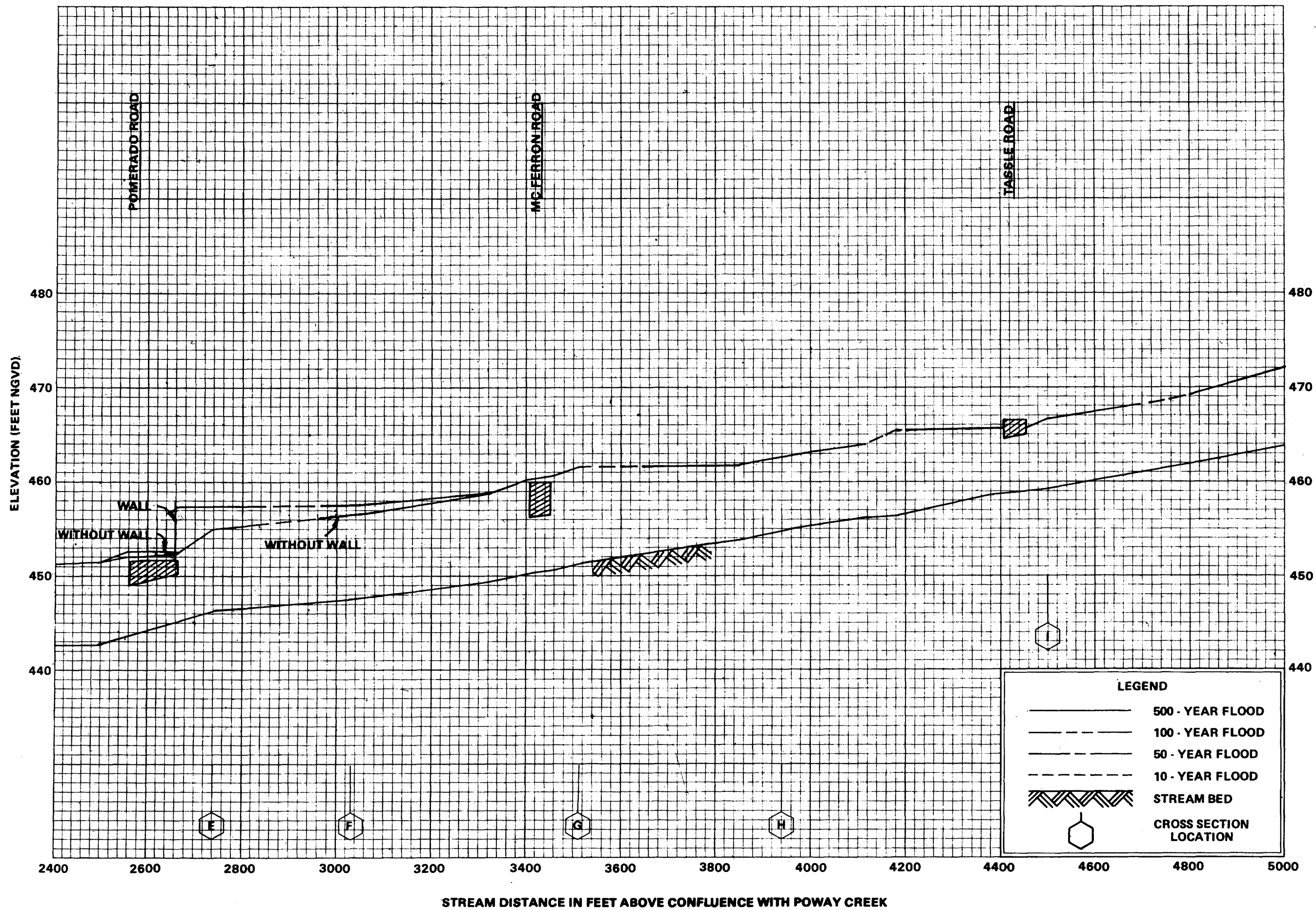


STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN LIUS REY RIVER



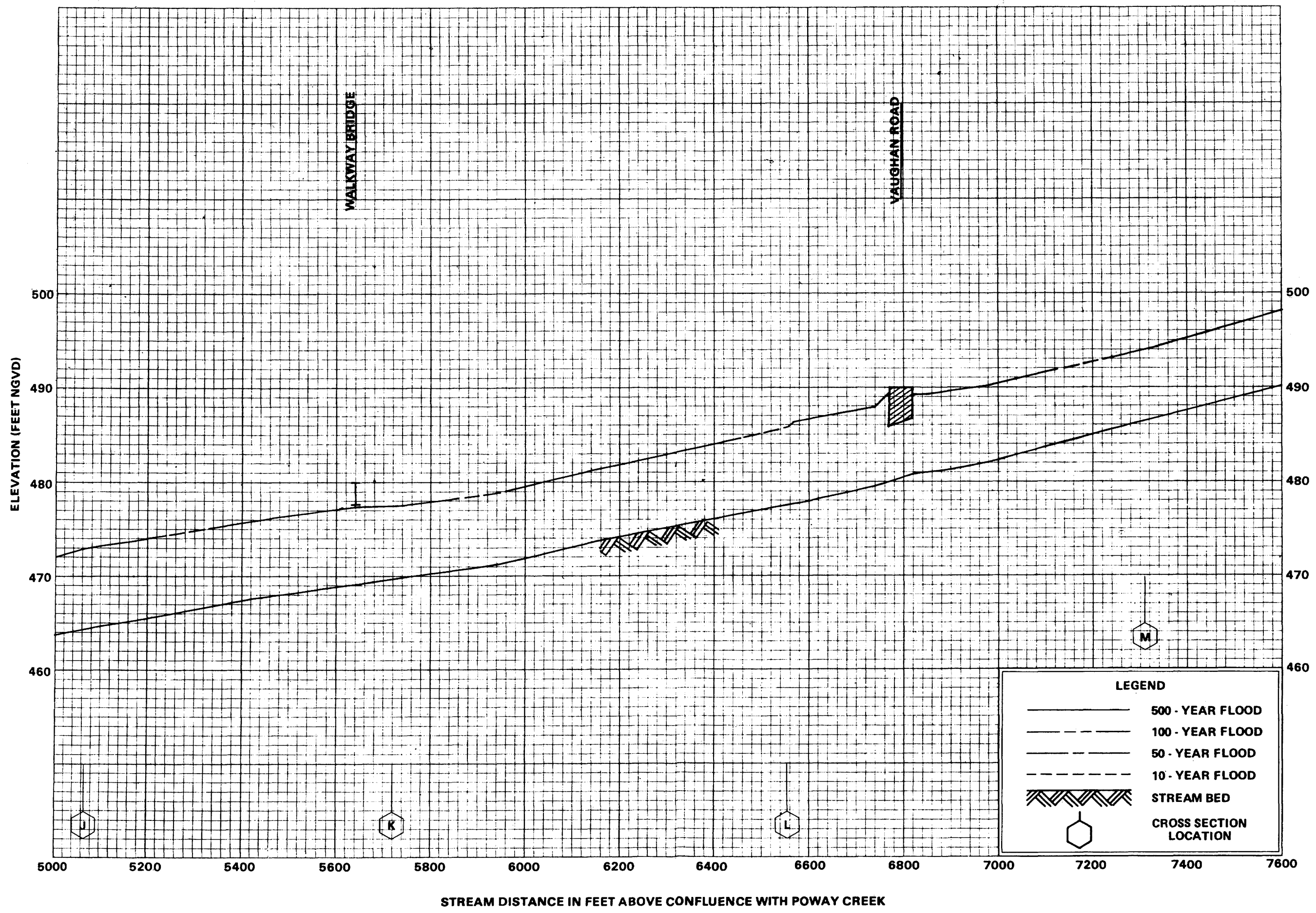
**FLOOD PROFILES
POMERADO CREEK**

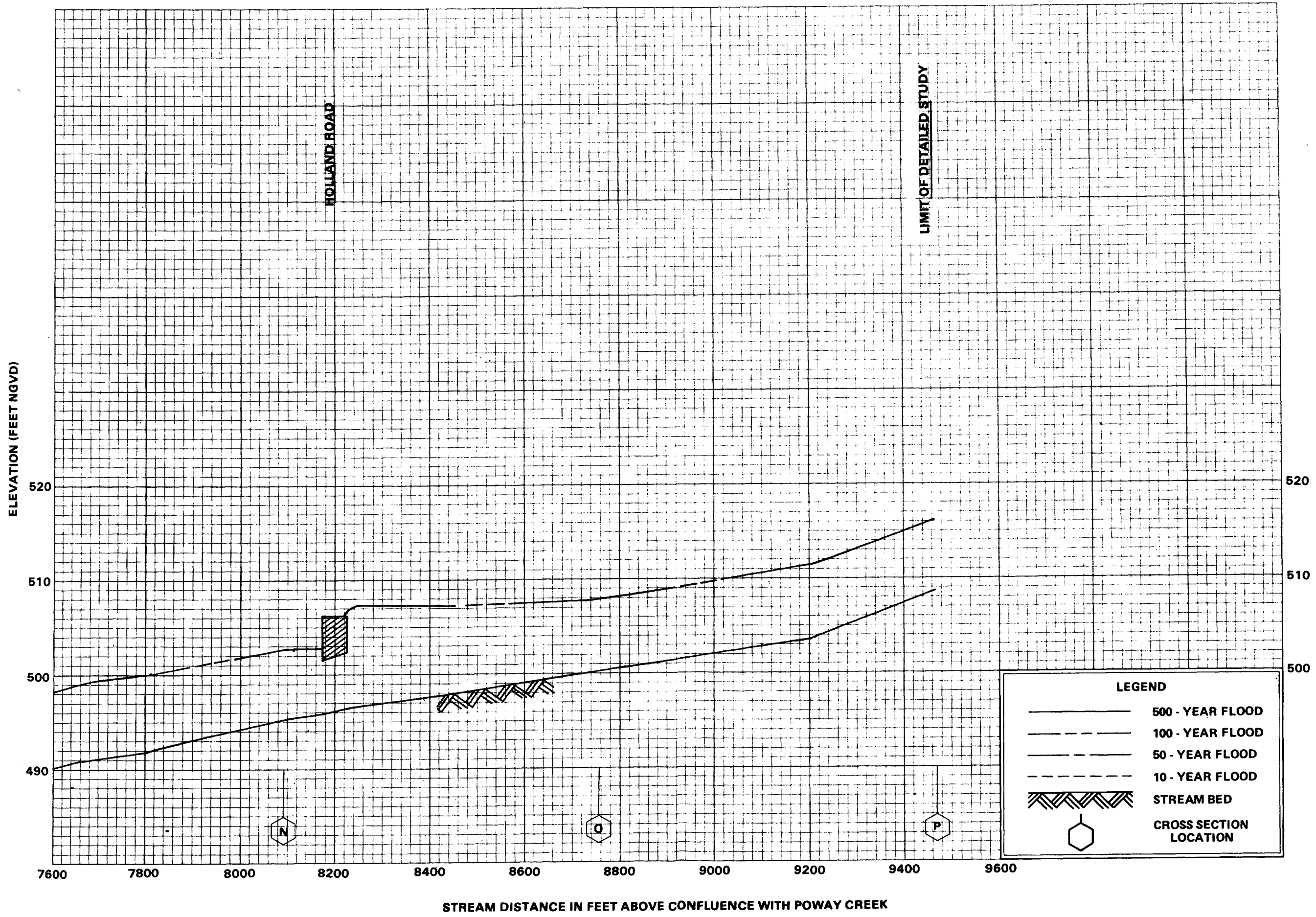
FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
 AND INCORPORATED AREAS**



**FLOOD PROFILES
POMERADO CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

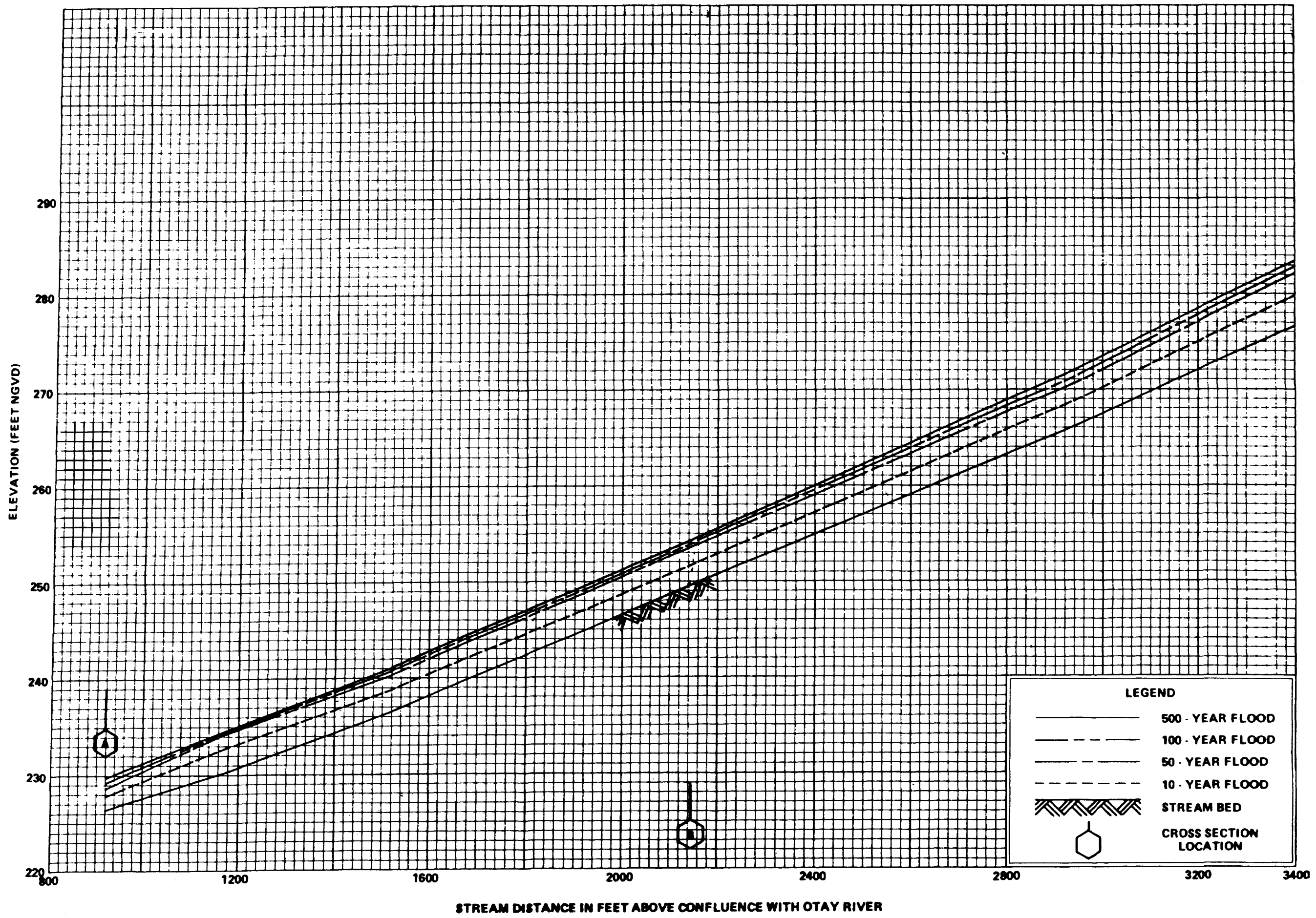




**FLOOD PROFILES
POMERADO CREEK**

LEGEND	
—————	500 - YEAR FLOOD
- - - - -	100 - YEAR FLOOD
- · - · -	50 - YEAR FLOOD
· · · · ·	10 - YEAR FLOOD
//////	STREAM BED
⬡	CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY
**SAN DIEGO COUNTY, CA
 AND INCORPORATED AREAS**



FLOOD PROFILES

JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

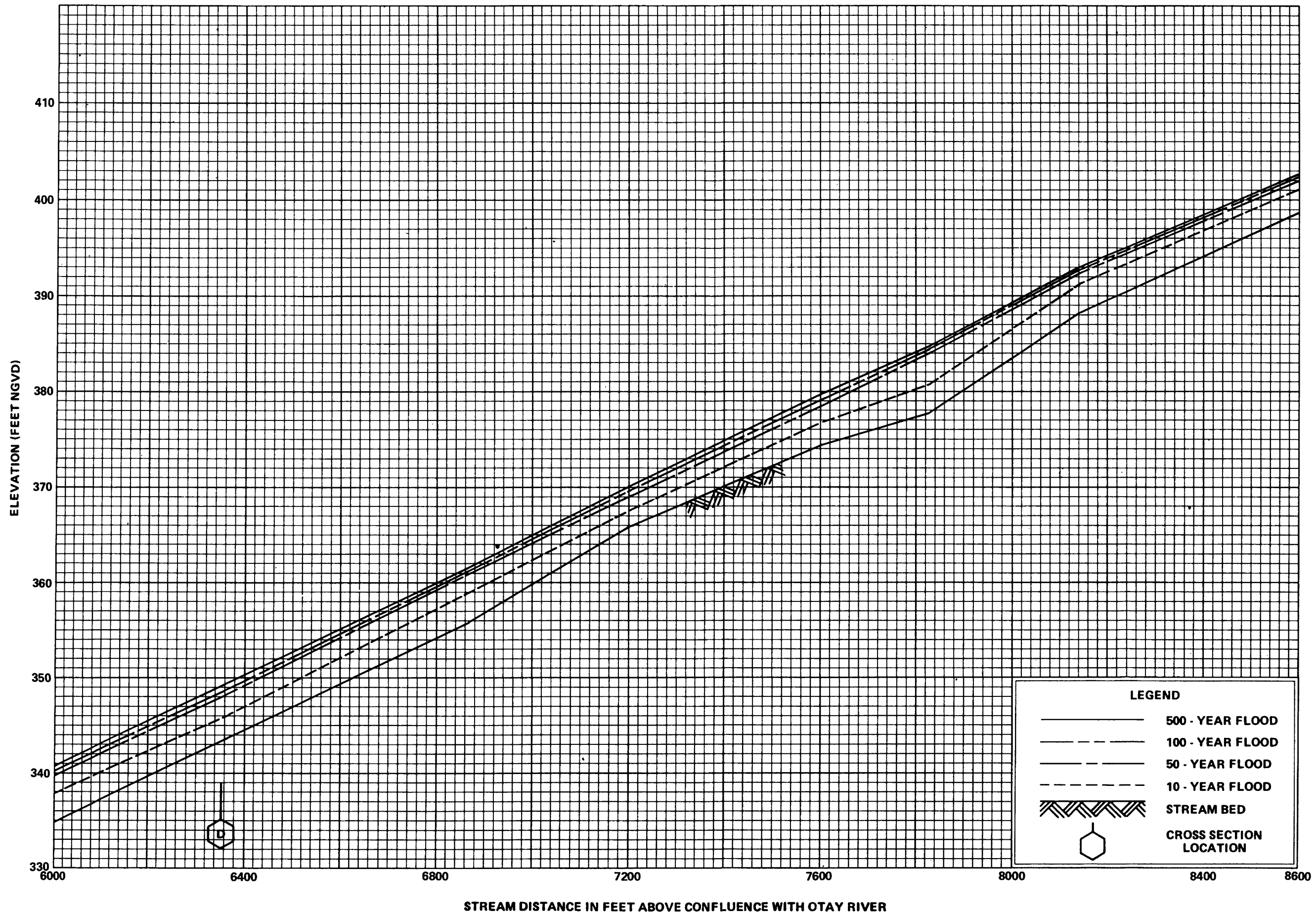
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

535P



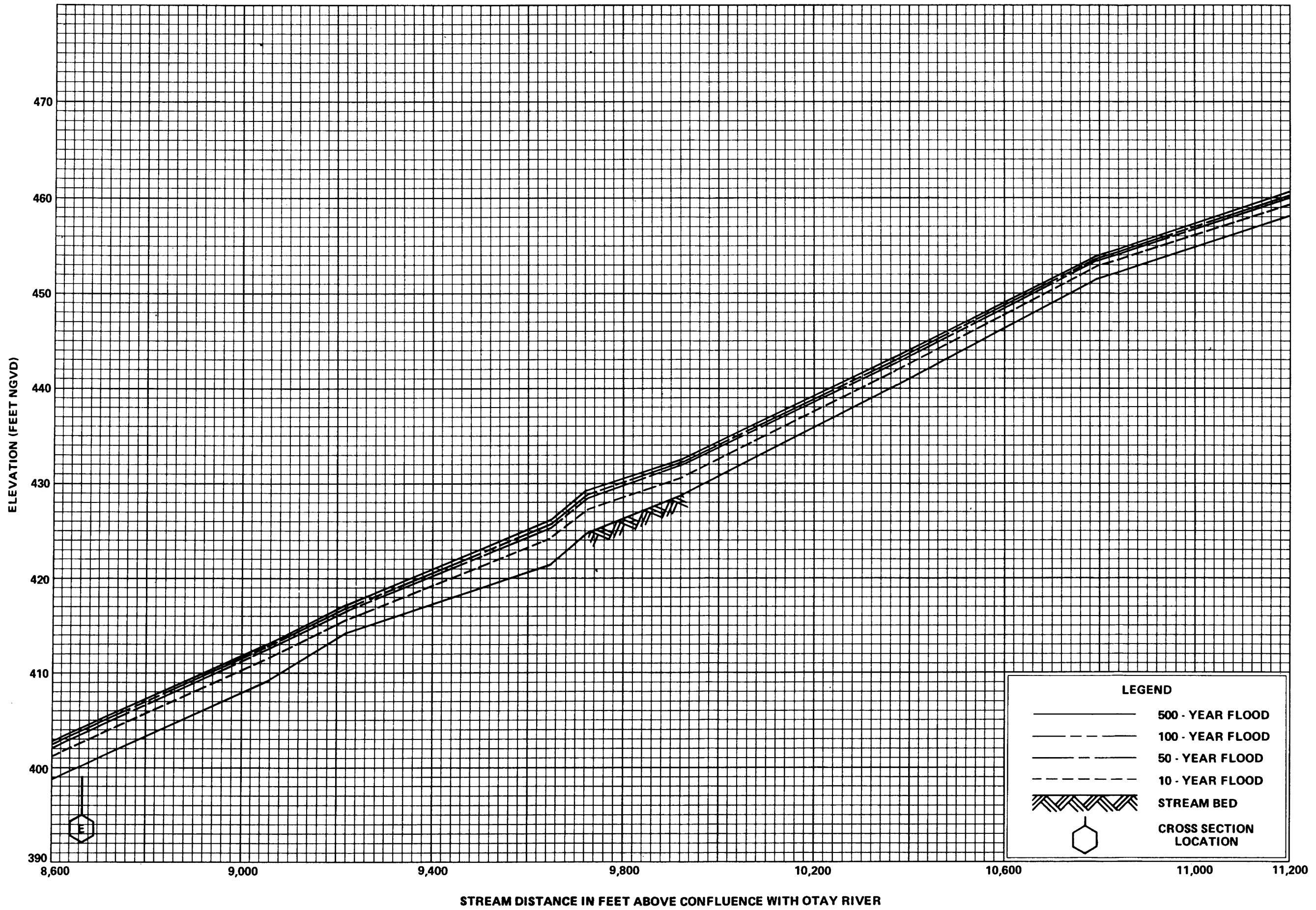
FLOOD PROFILES
JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



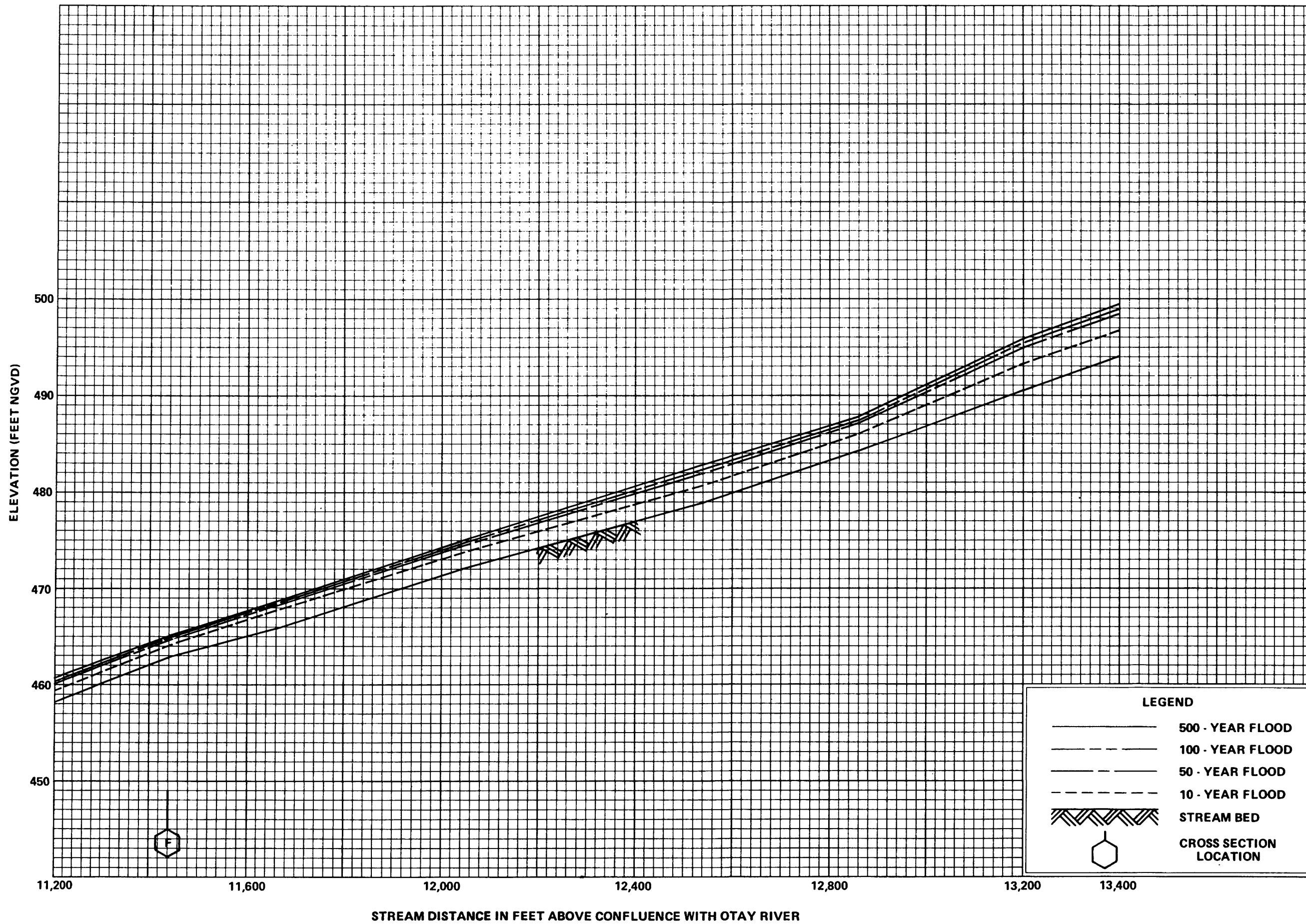
FLOOD PROFILES
JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



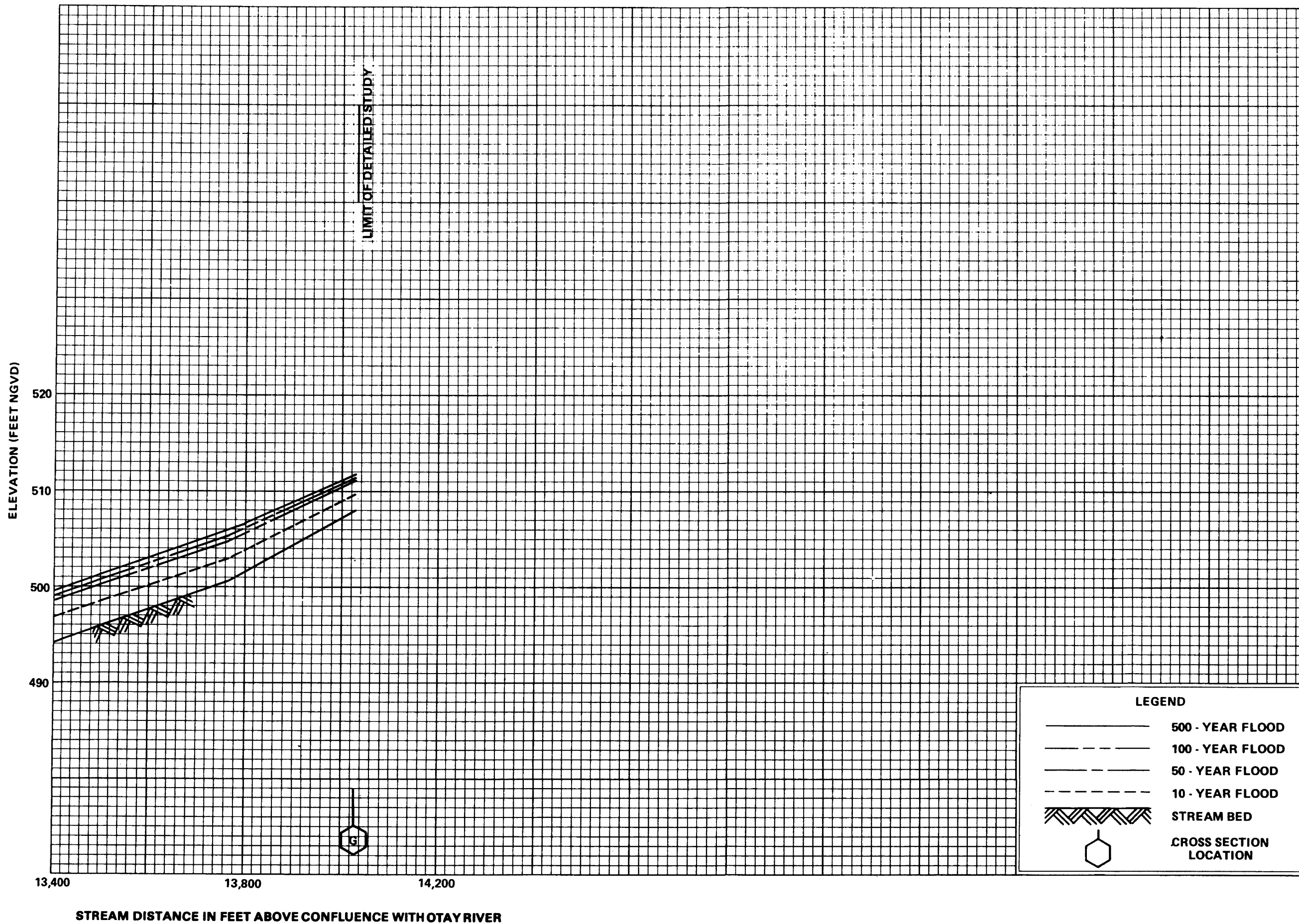
FLOOD PROFILES
JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



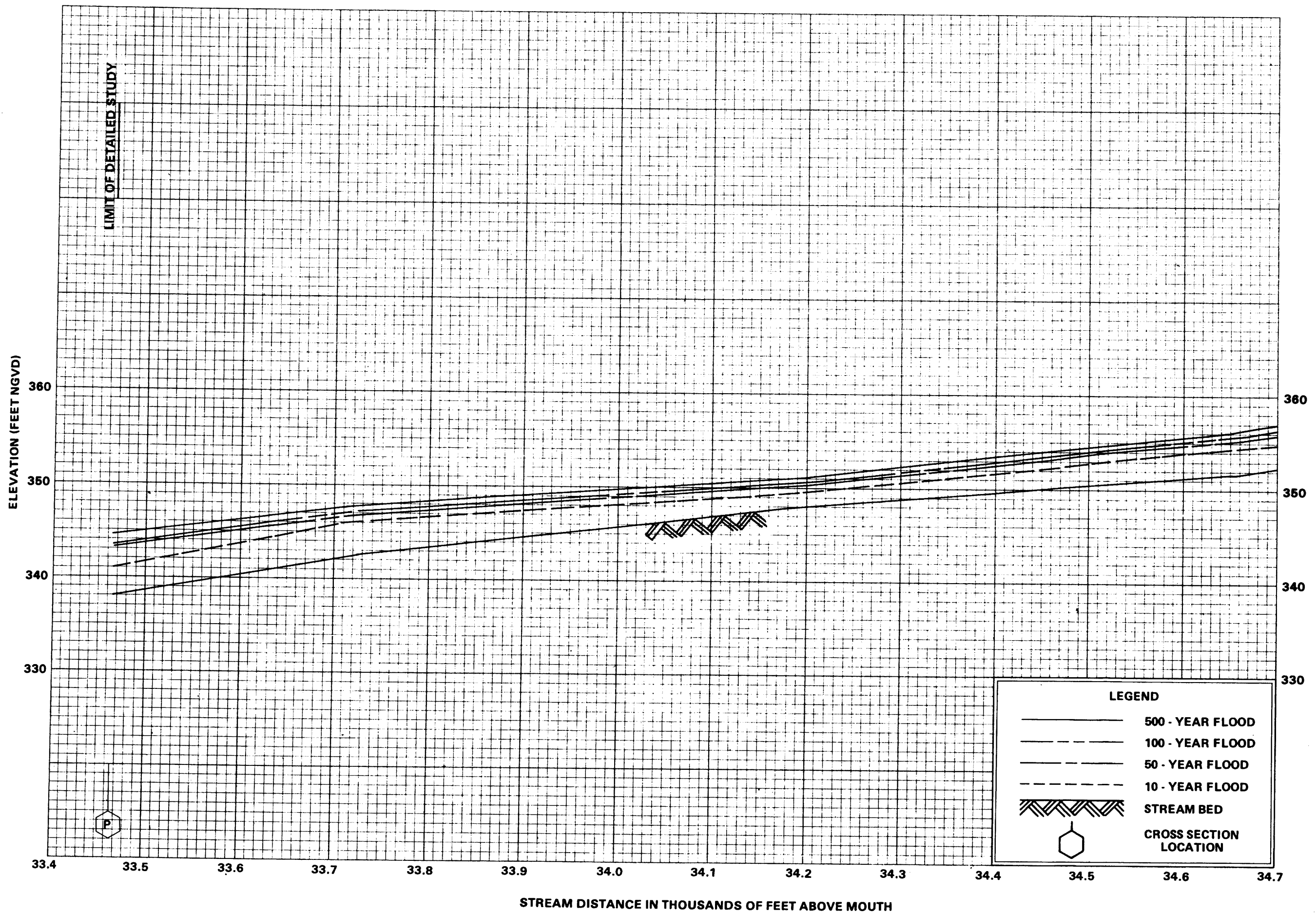
FLOOD PROFILES
JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
JOHNSON CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



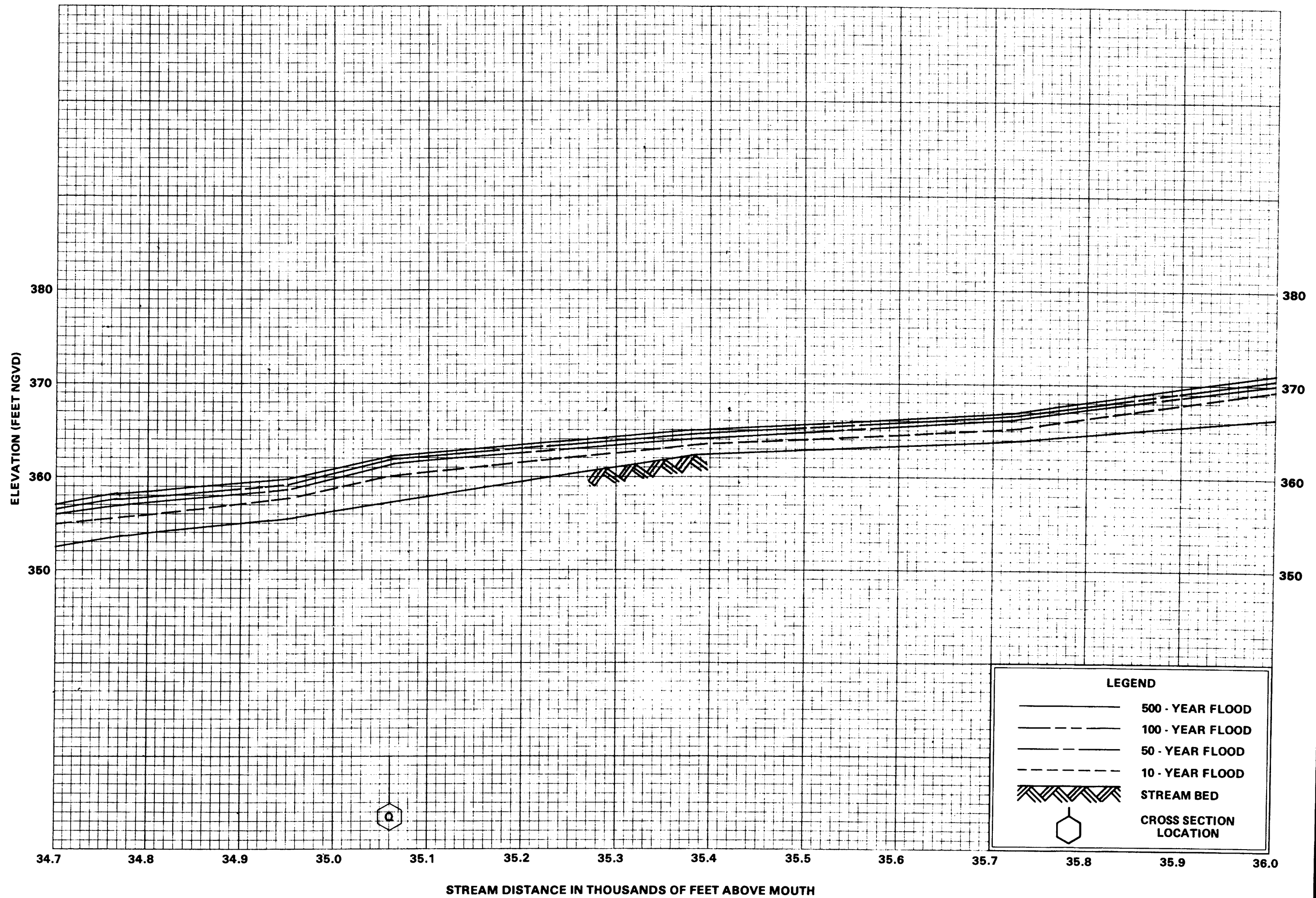
FLOOD PROFILES

TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

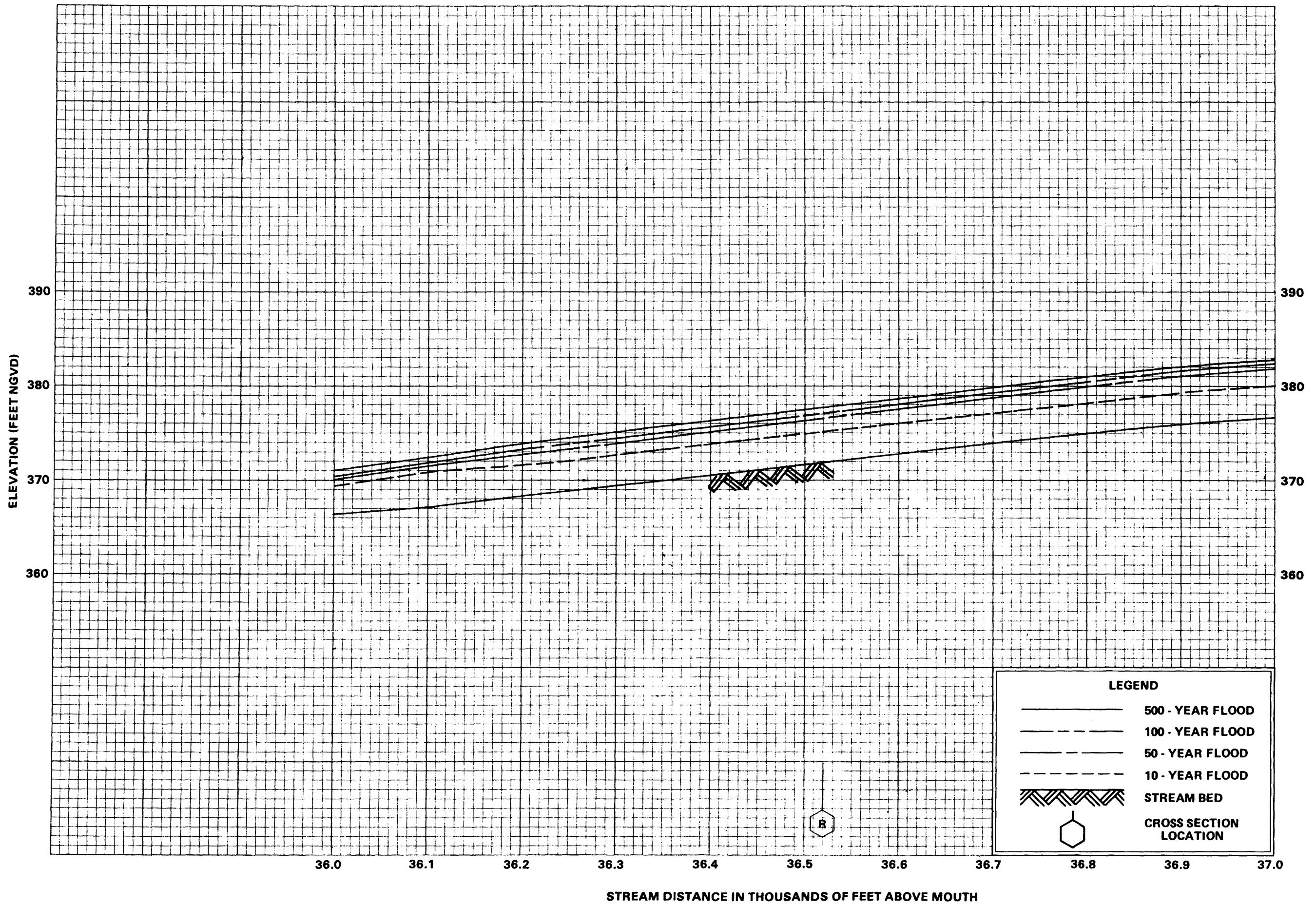
541P



FLOOD PROFILES

TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



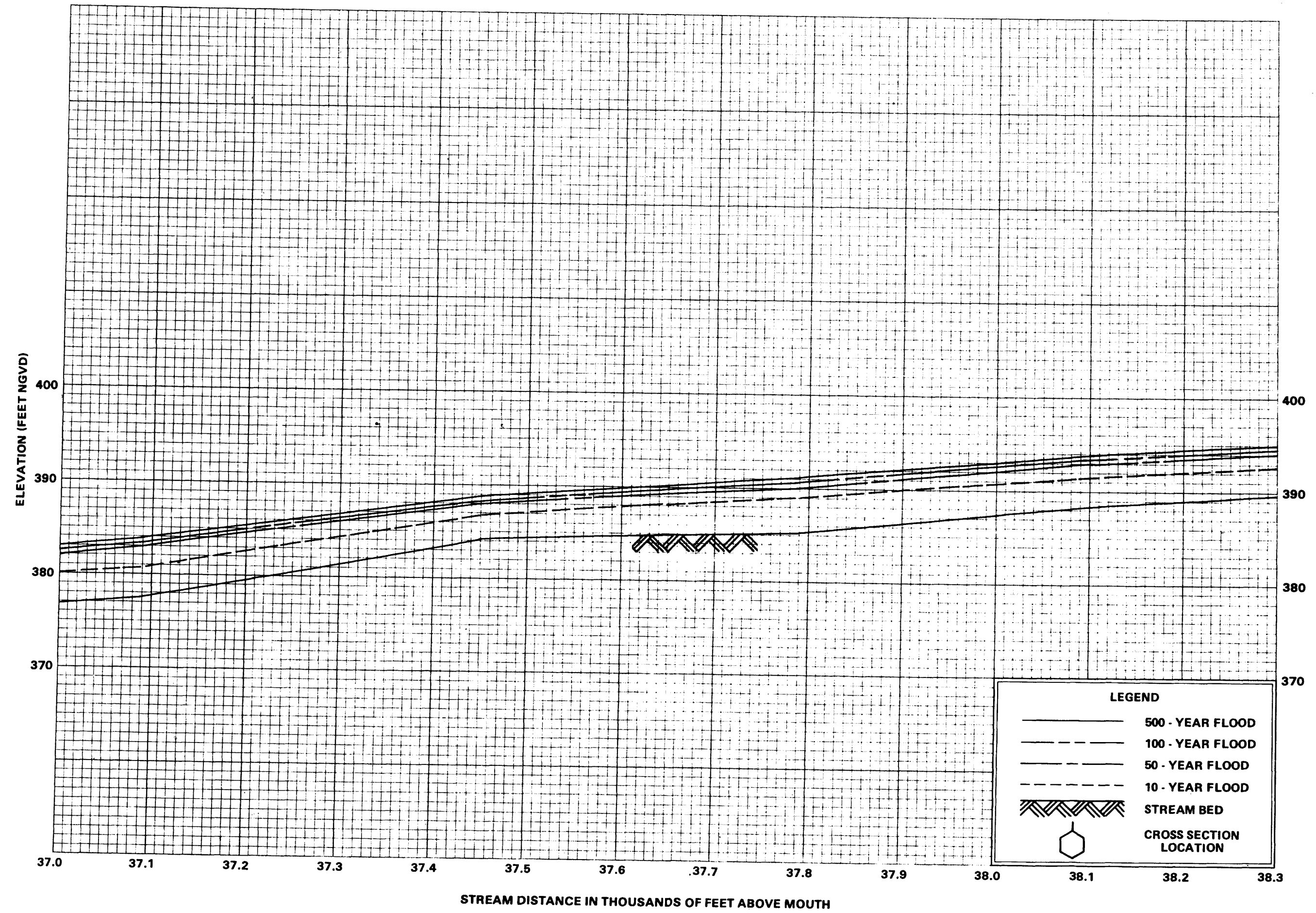
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TELEGRAPH CANYON CREEK

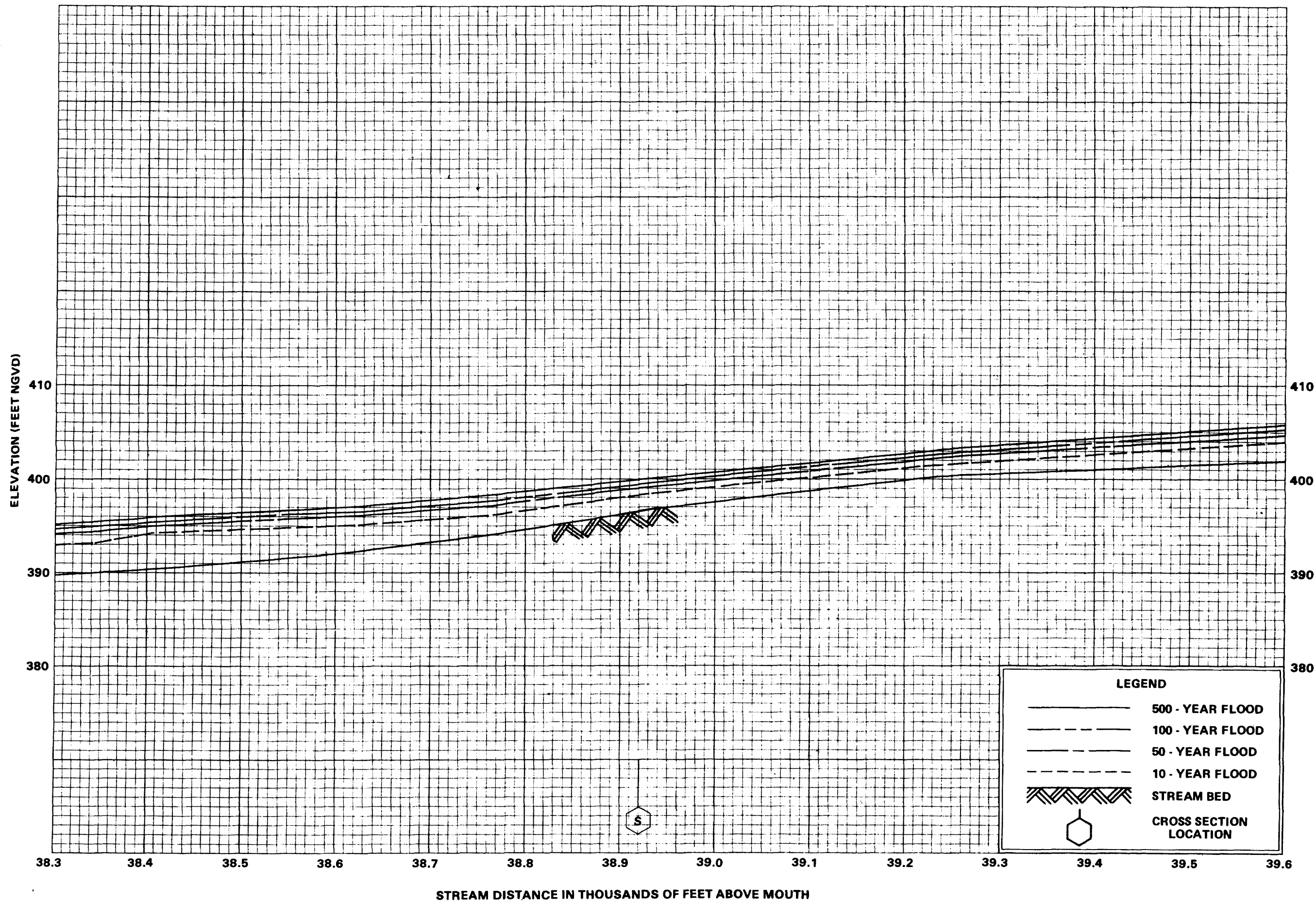
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SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS







FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

544P

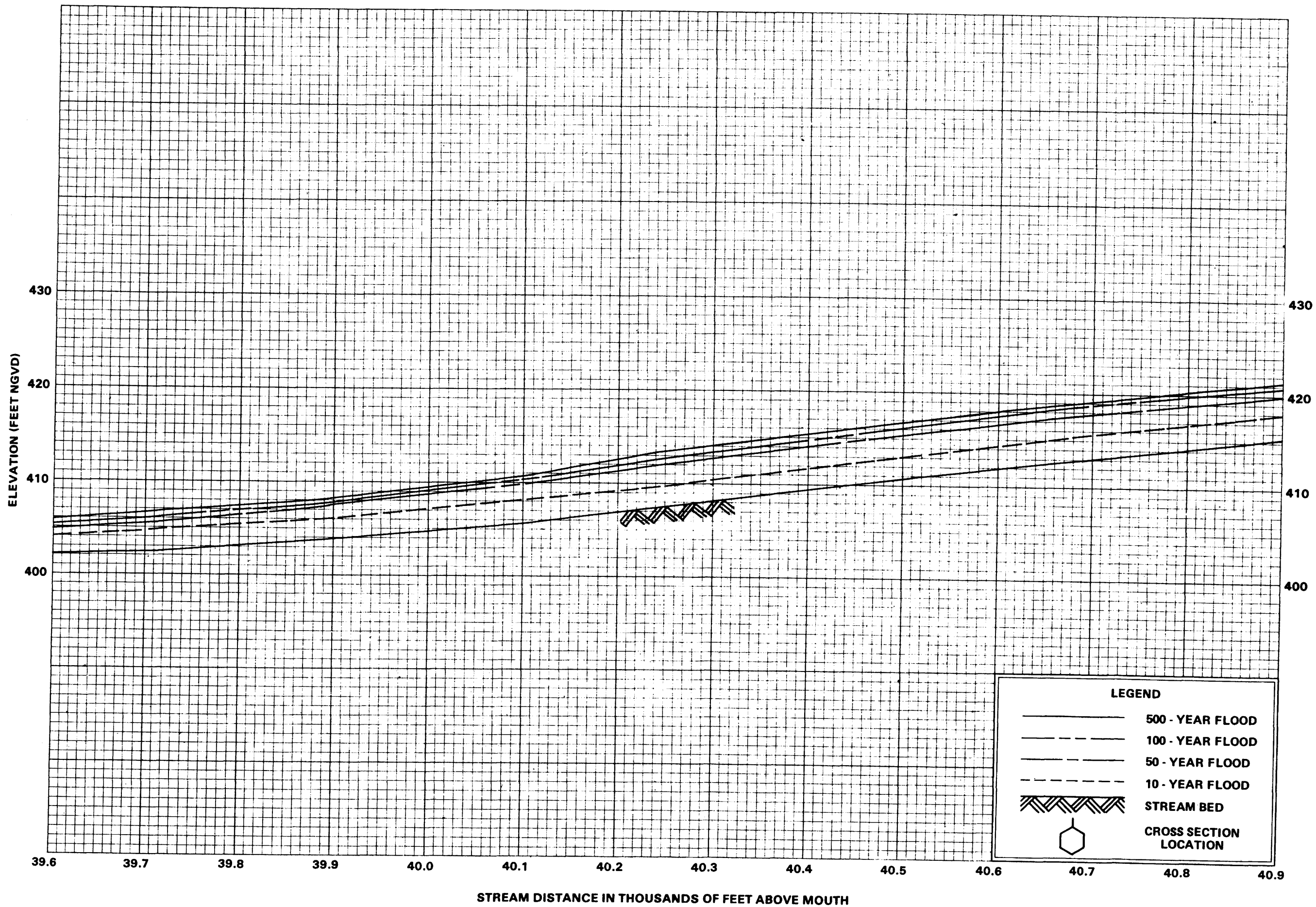




LEGEND	
	500 - YEAR FLOOD
	100 - YEAR FLOOD
	50 - YEAR FLOOD
	10 - YEAR FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



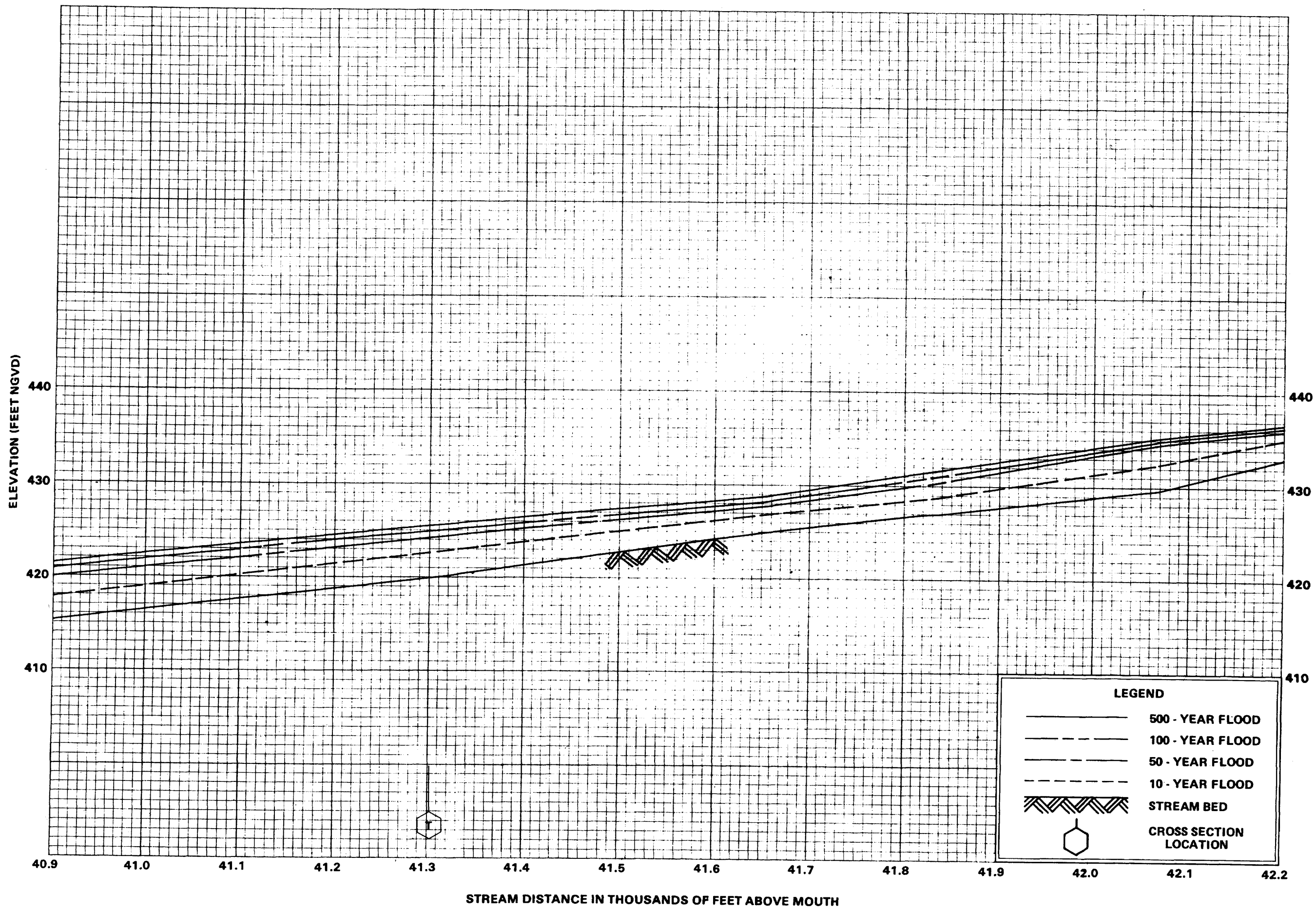
FLOOD PROFILES

TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

546P



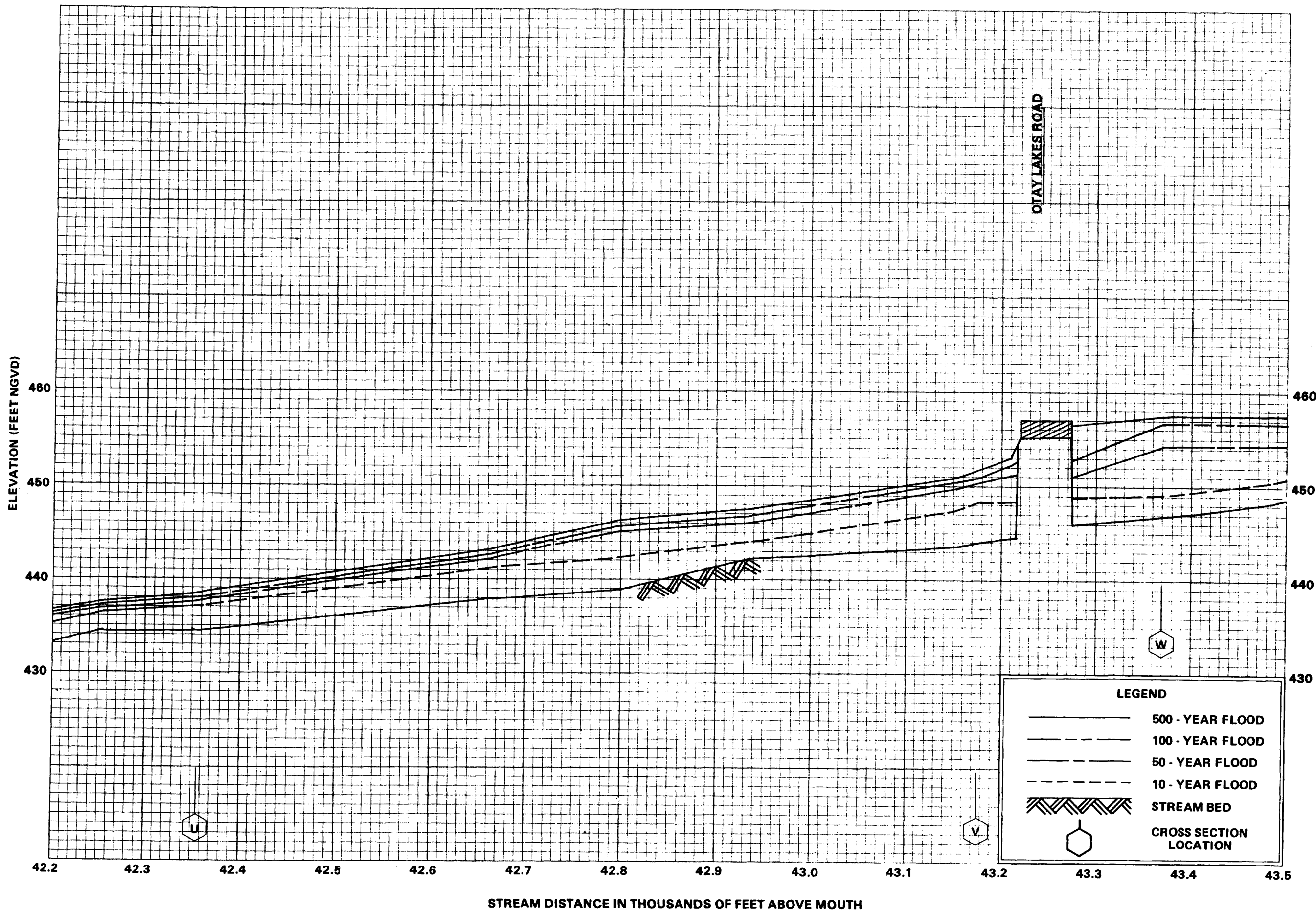
FLOOD PROFILES

TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

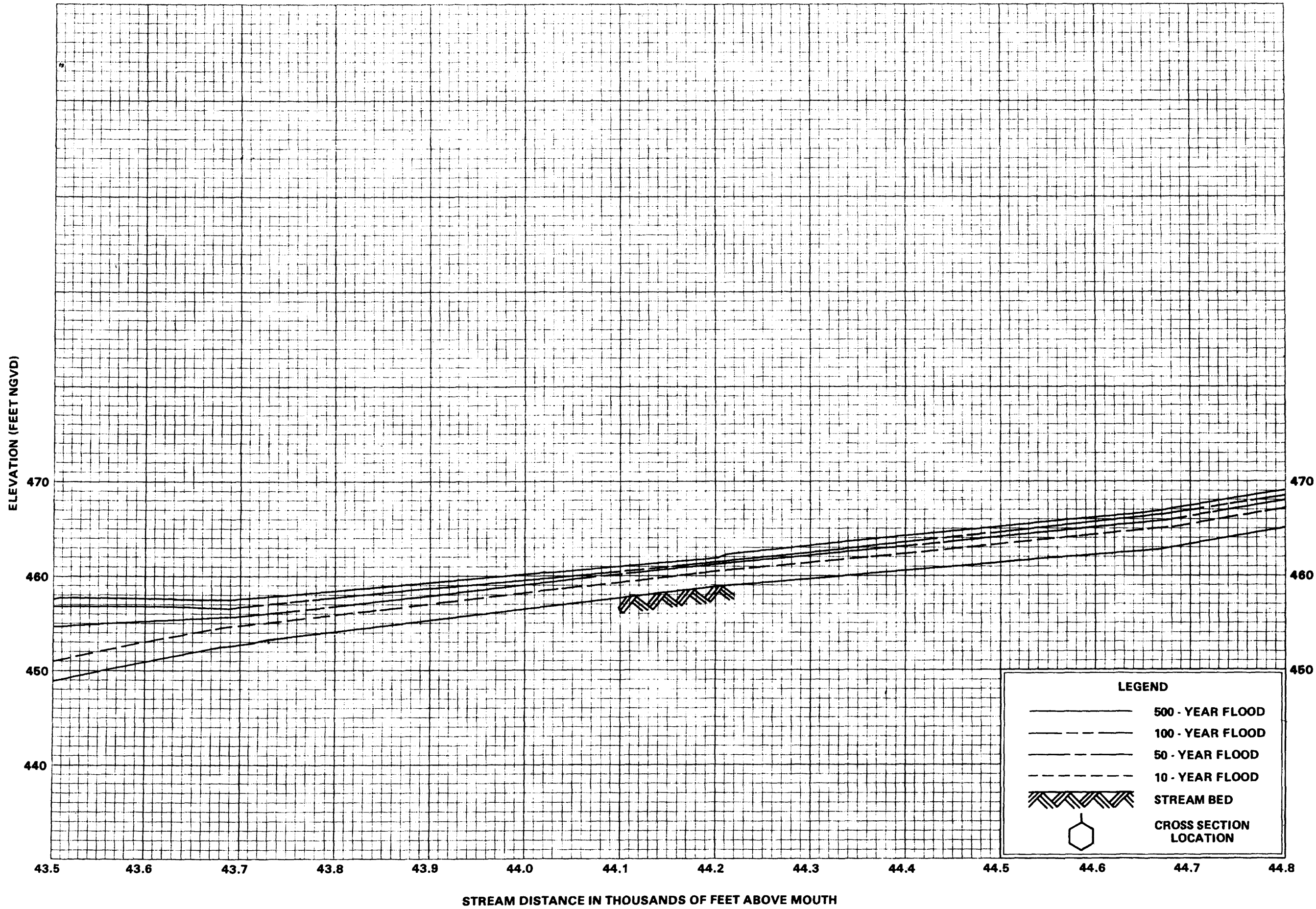
**SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS**

547P



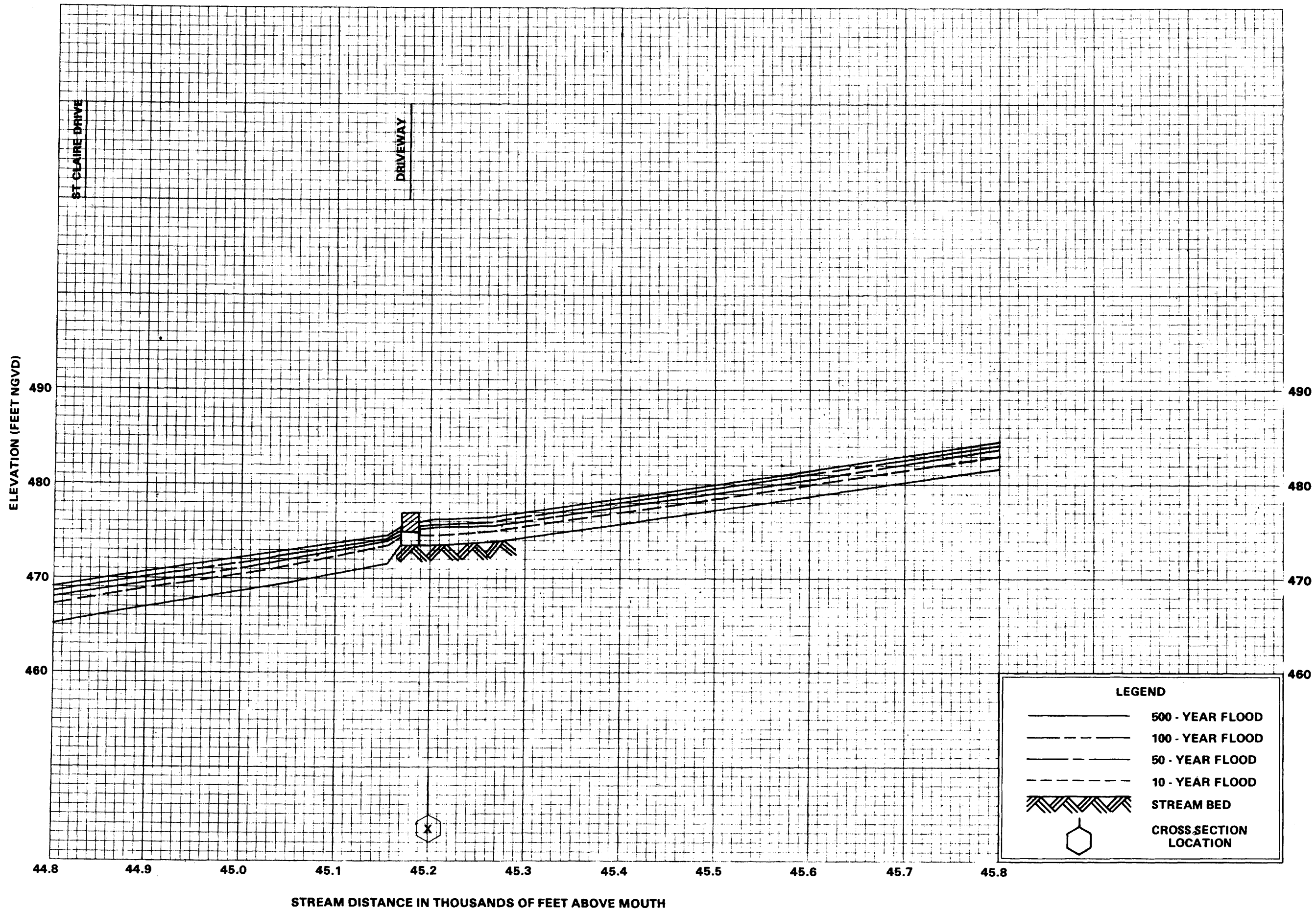
FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



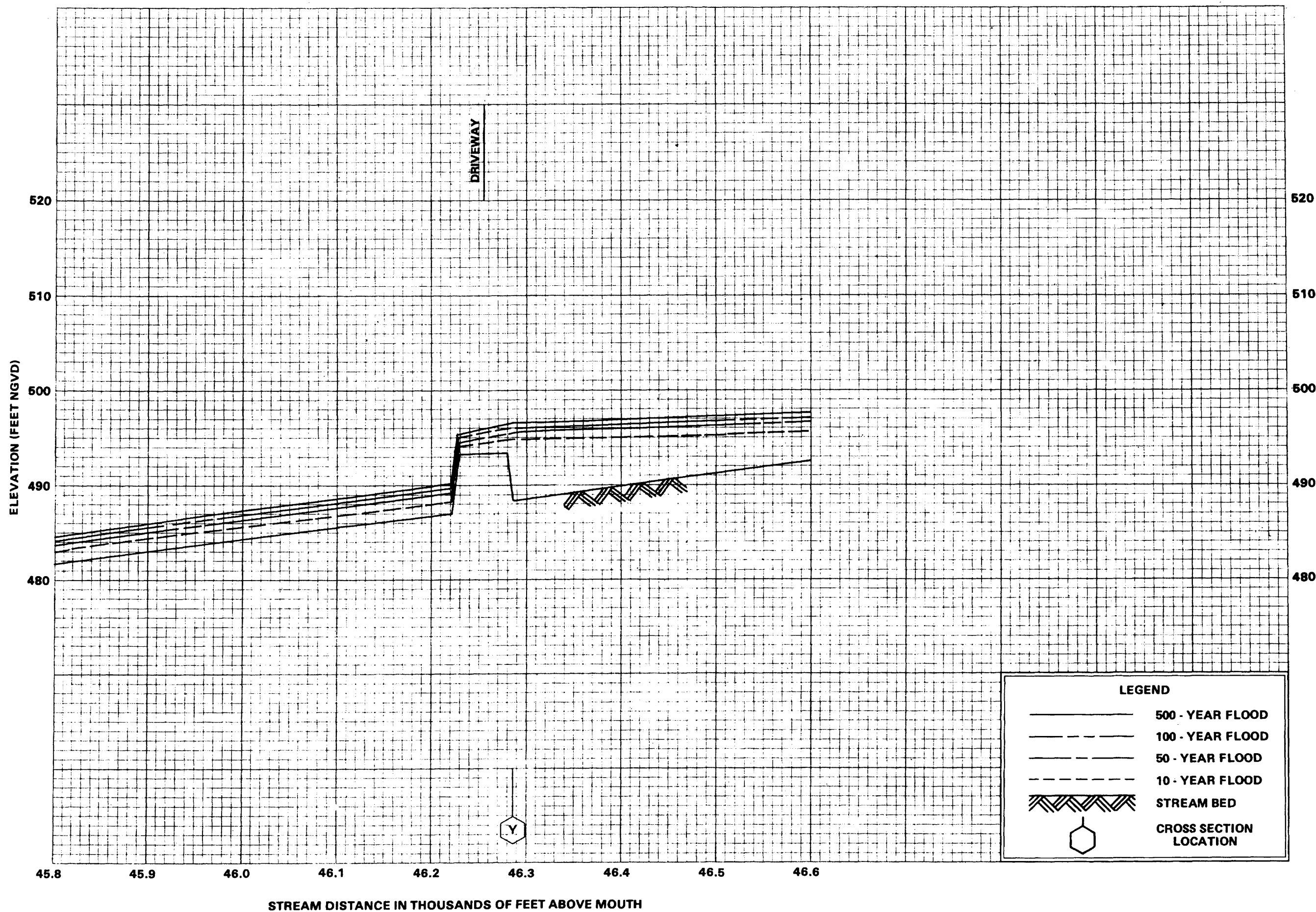
FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



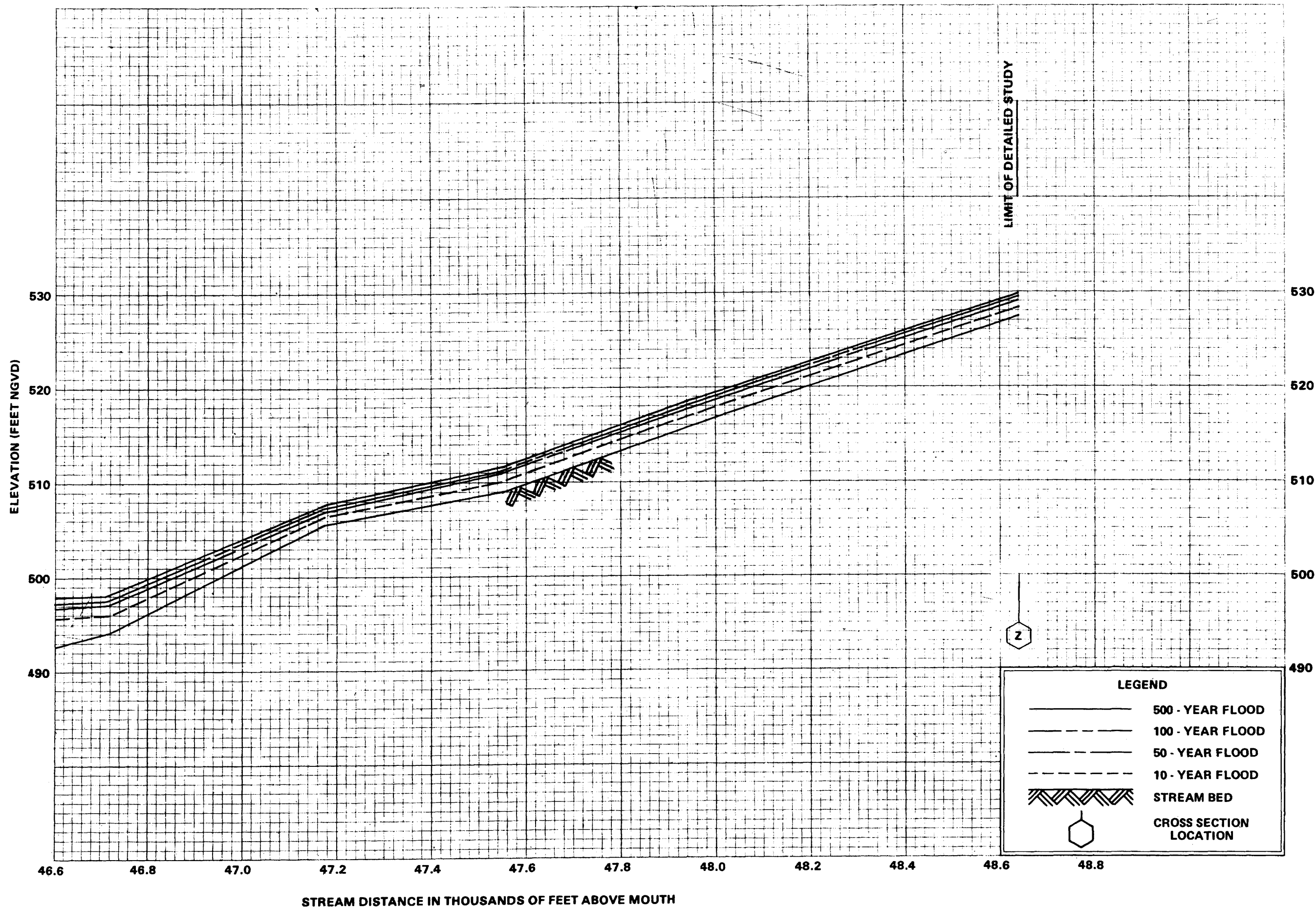
FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS



FLOOD PROFILES
TELEGRAPH CANYON CREEK

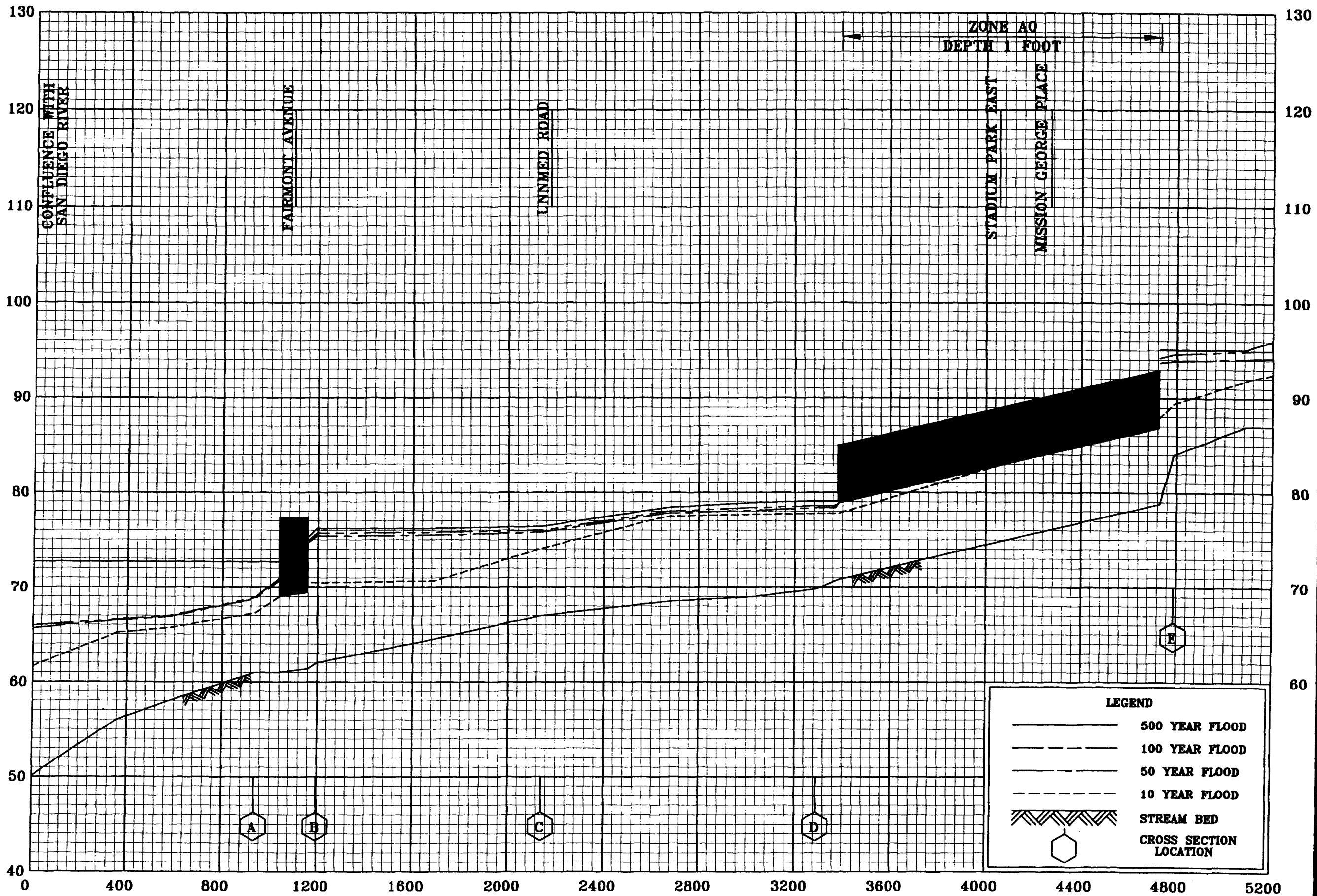
FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
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FLOOD PROFILES
TELEGRAPH CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

ELEVATION IN FEET (NGVD)



LEGEND

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

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN DIEGO RIVER

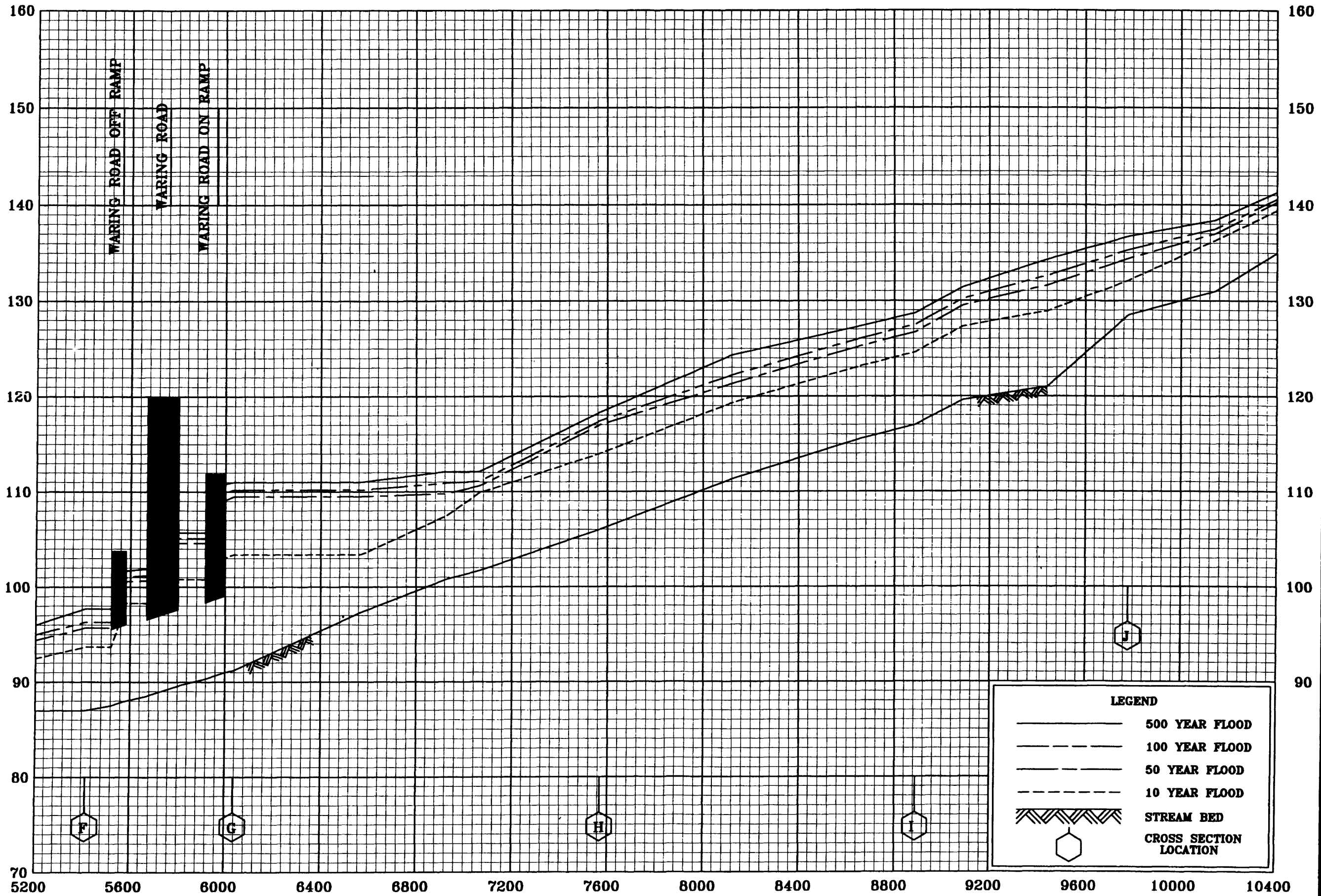
FLOOD PROFILES

ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

553P

ELEVATION IN FEET (NGVD)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN DIEGO RIVER

FLOOD PROFILES

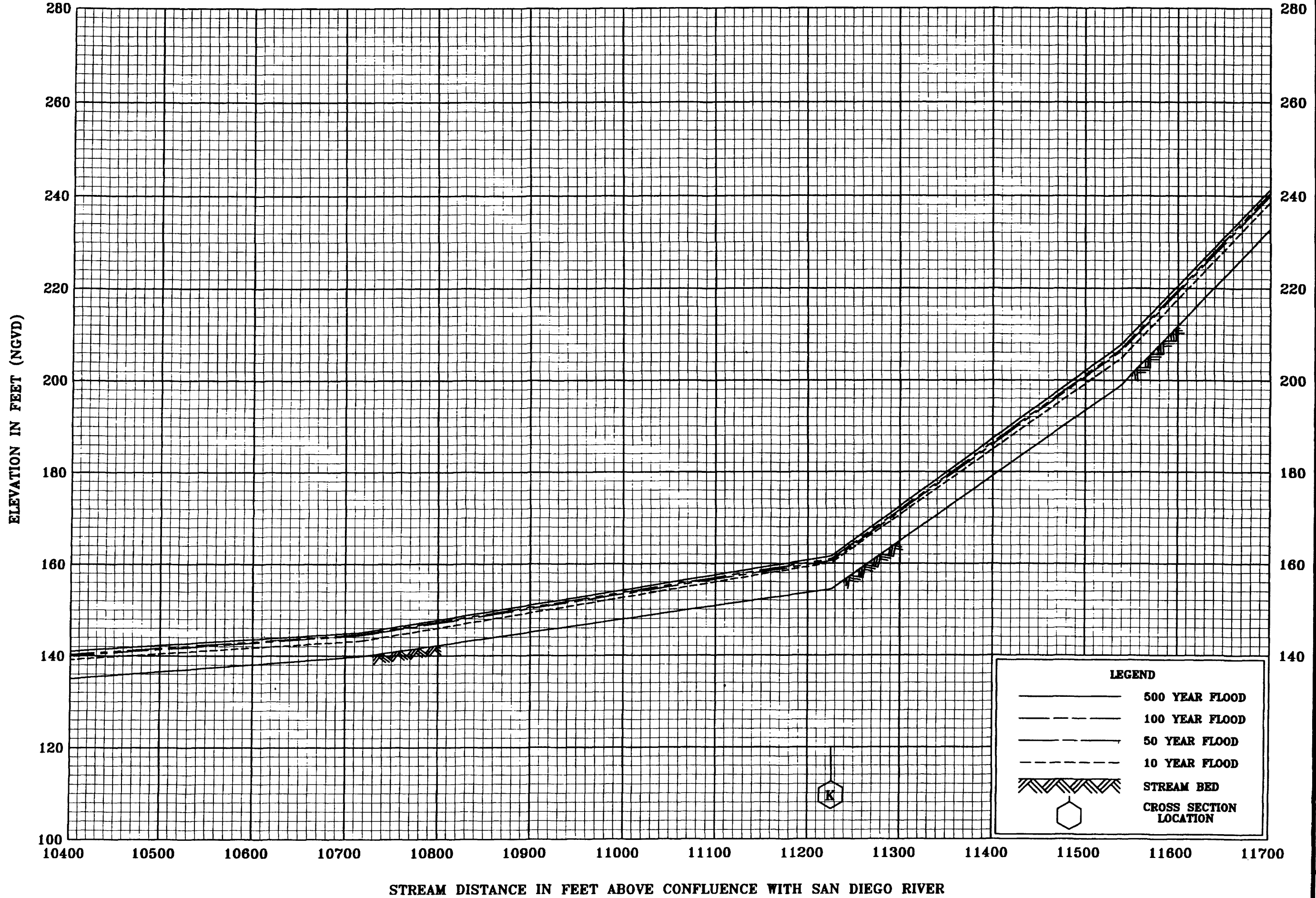
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA

AND INCORPORATED AREAS

554P

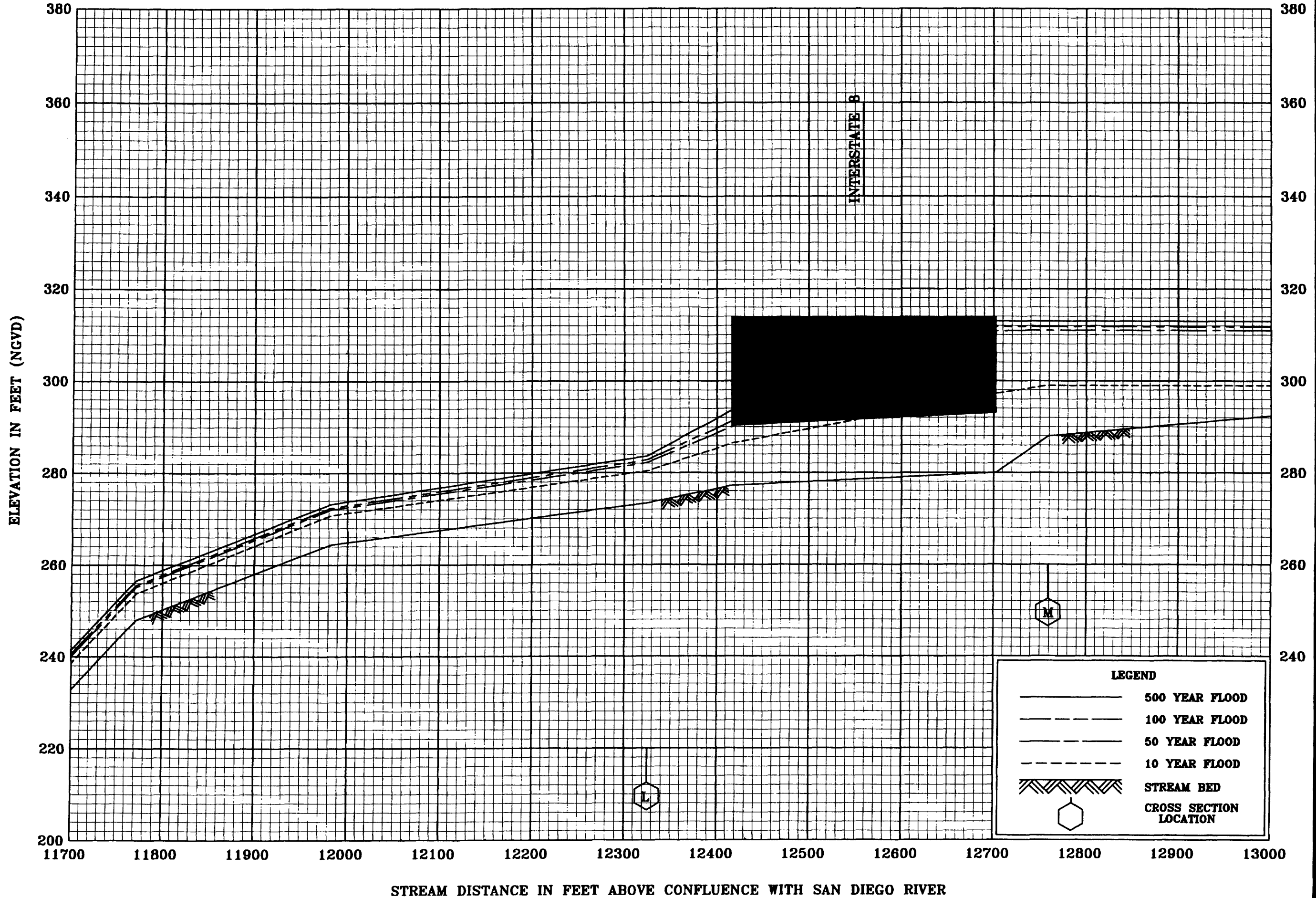


FLOOD PROFILES
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

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

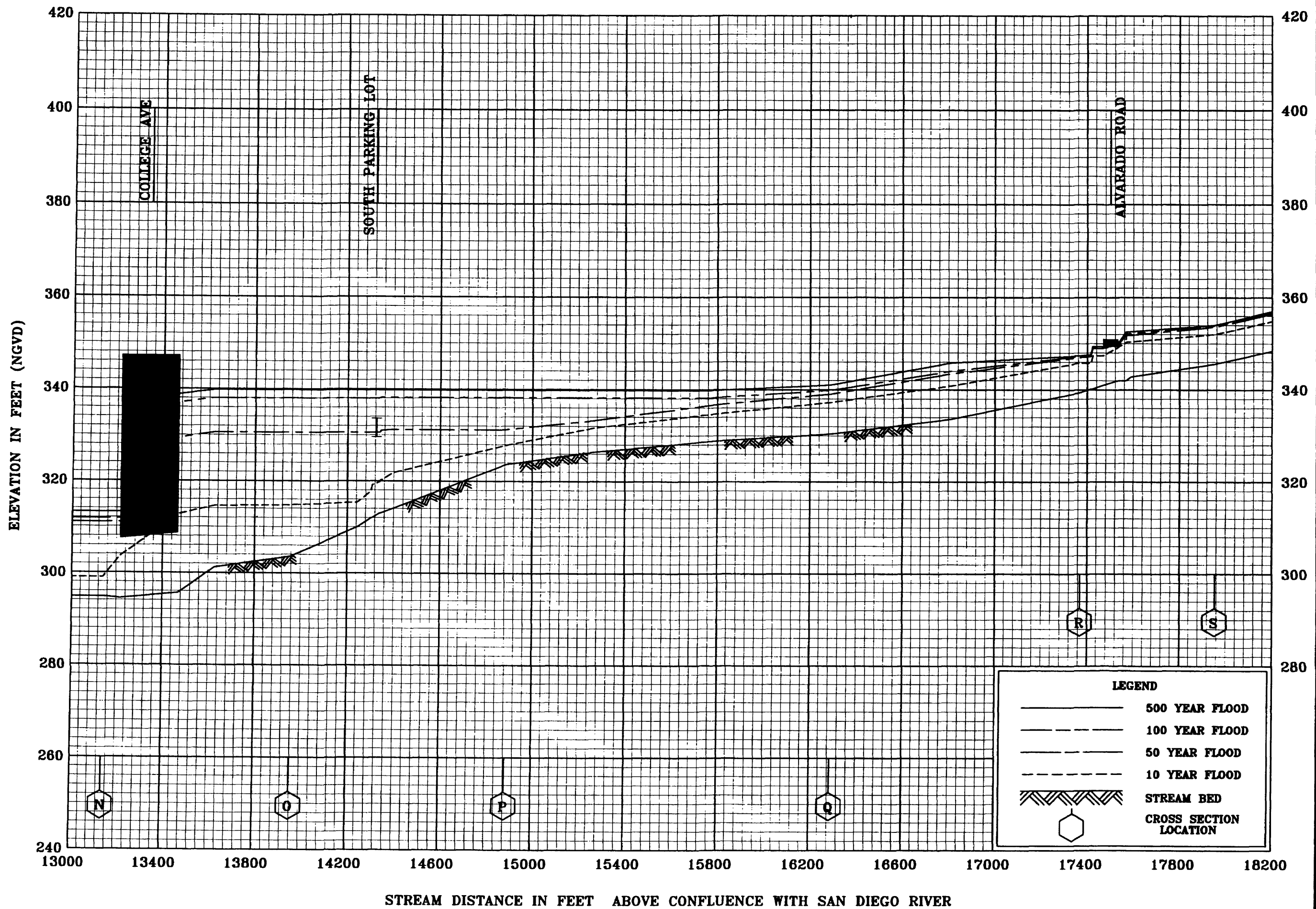
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FLOOD PROFILES
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

556P



FLOOD PROFILES

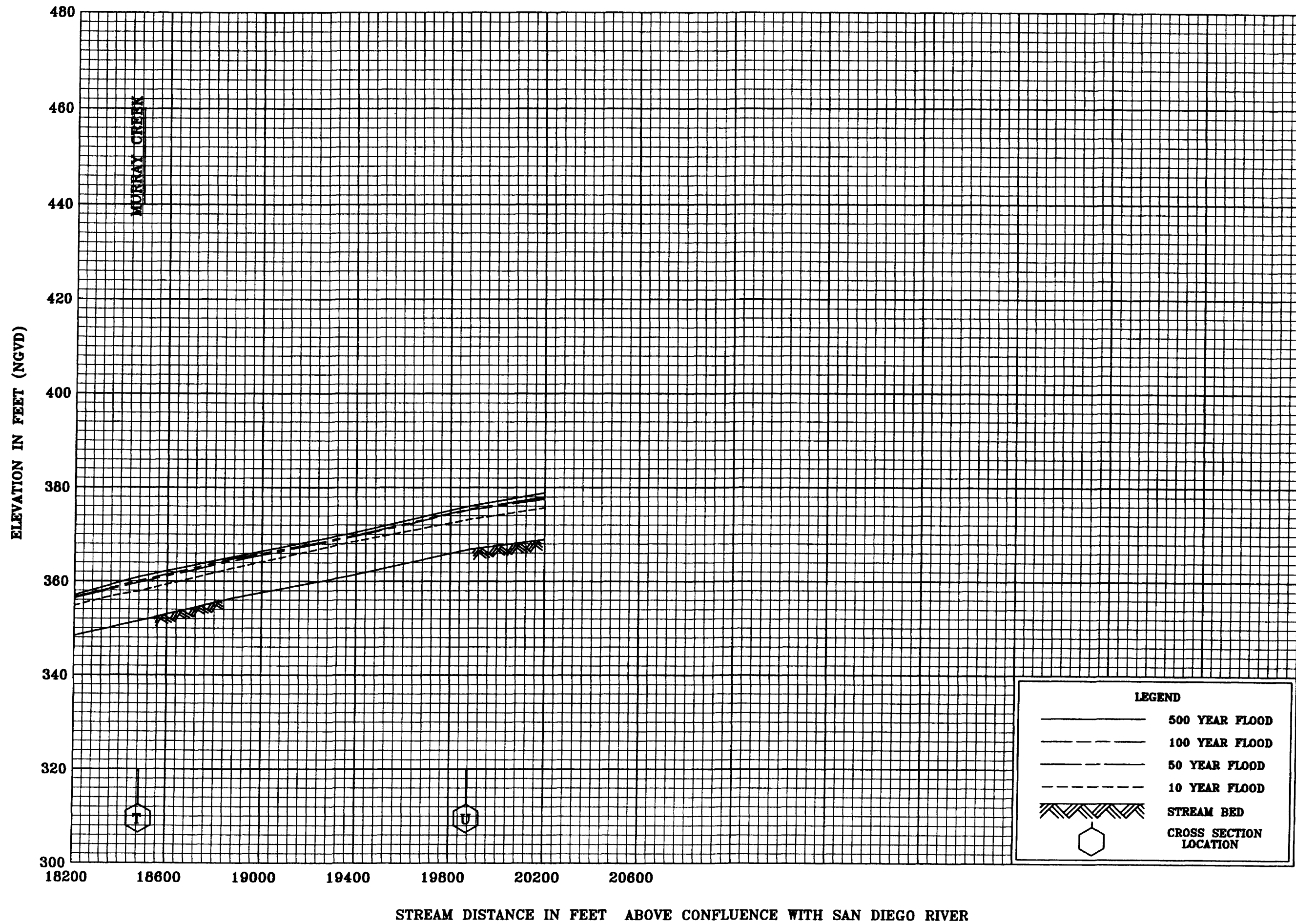
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA

AND INCORPORATED AREAS

557P

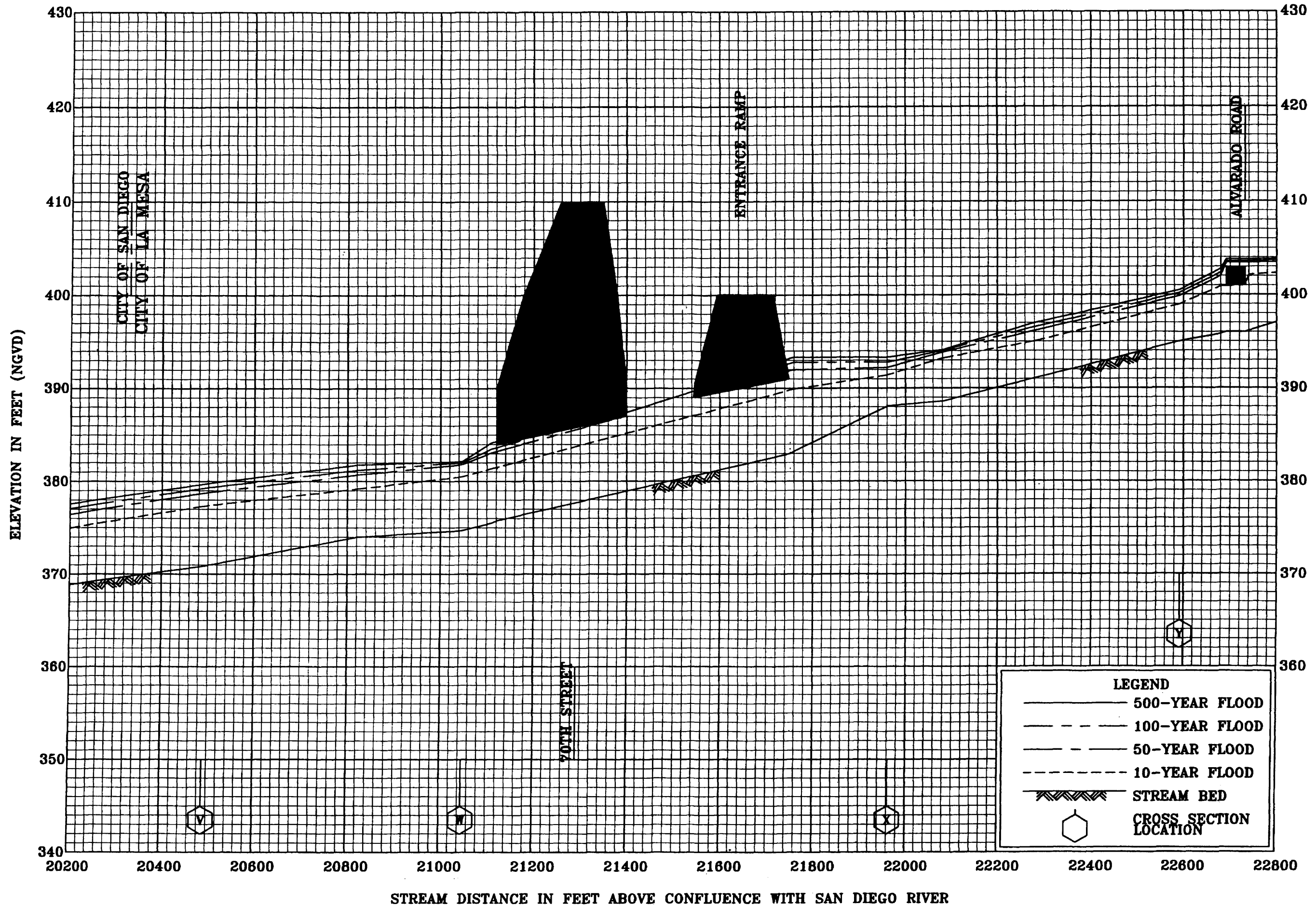


FLOOD PROFILES

ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN DIEGO COUNTY, CA
 AND INCORPORATED AREAS

558P

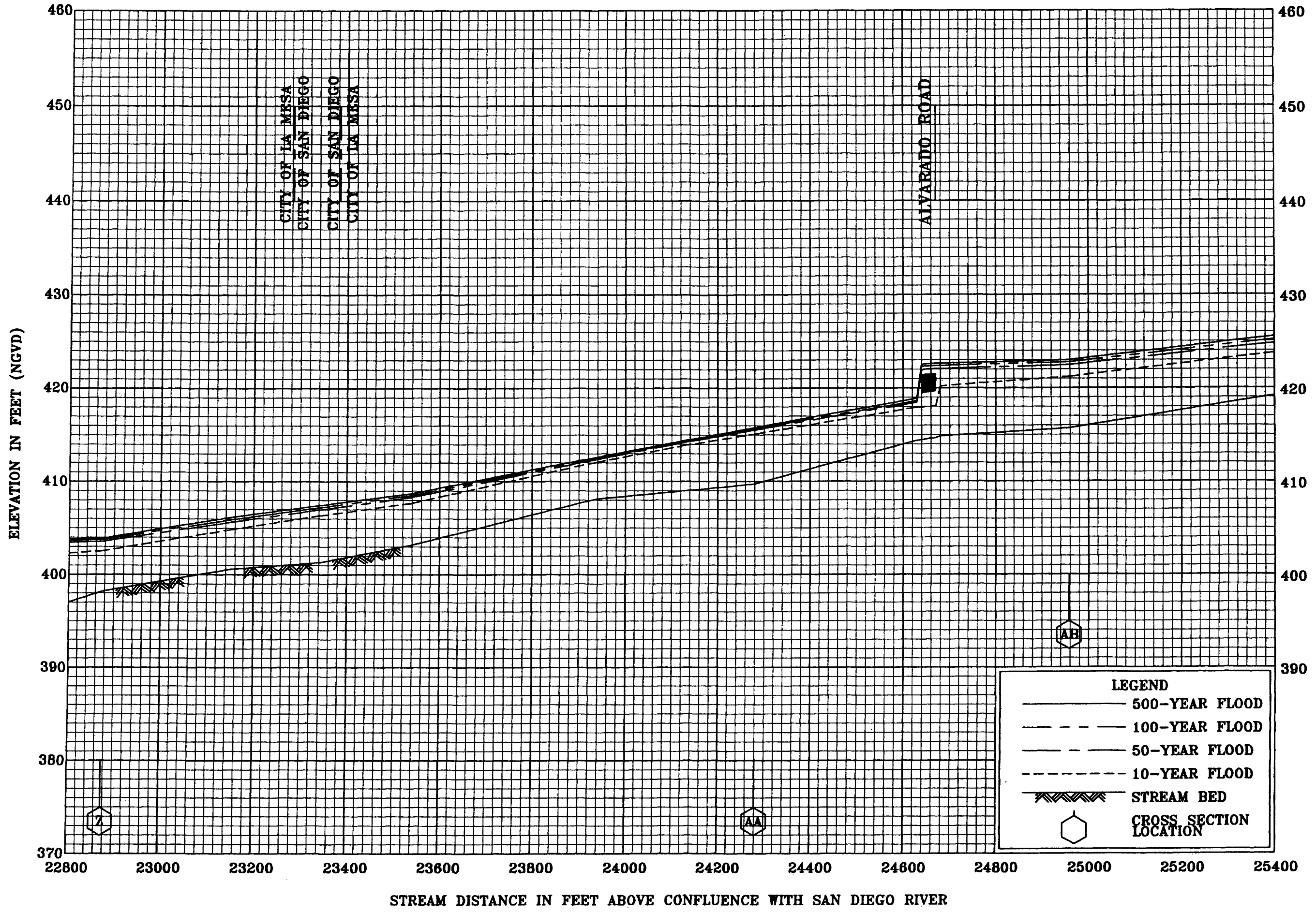


LEGEND	
—	500-YEAR FLOOD
- - -	100-YEAR FLOOD
- · - ·	50-YEAR FLOOD
· · · ·	10-YEAR FLOOD
▨	STREAM BED
⬡	CROSS SECTION LOCATION

FLOOD PROFILES
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

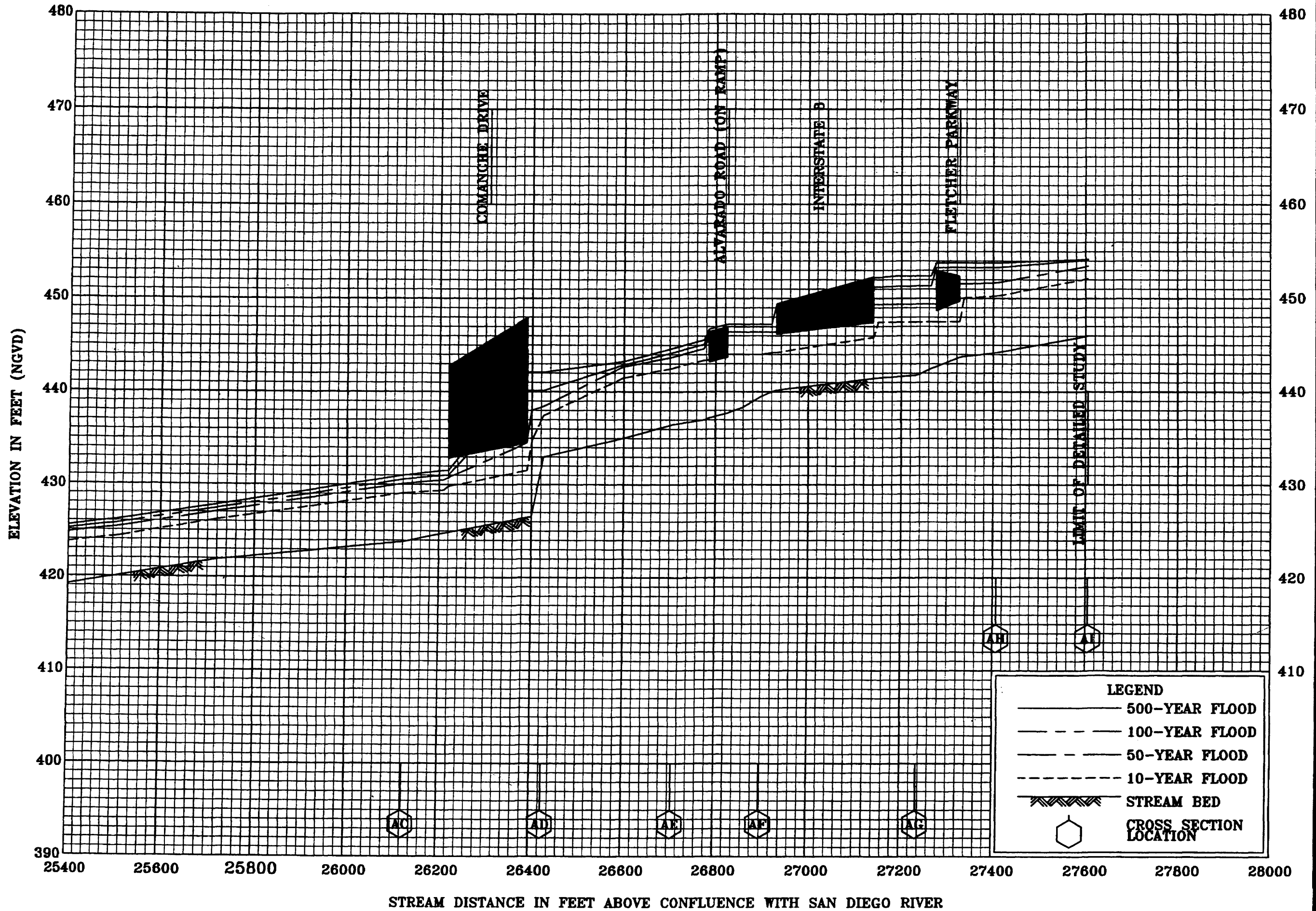
559P



FLOOD PROFILES
ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

560P



FLOOD PROFILES

ALVARADO CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY
 SAN DIEGO COUNTY, CA
 AND INCORPORATED AREAS

561P