

# FLOOD INSURANCE STUDY



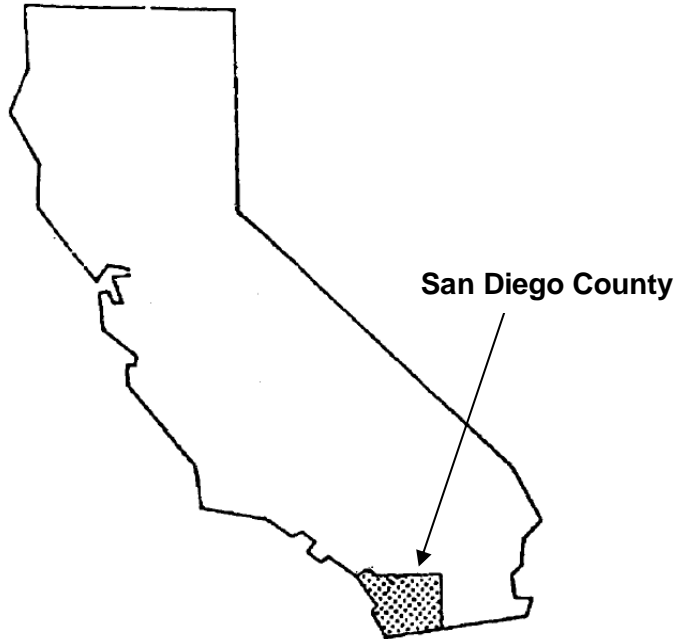
## SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

VOLUME 9 OF 11

### Community Name

### Community Number

SAN DIEGO COUNTY, UNINCORPORATED AREAS	060284
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 MARCOS, CITY OF	060296
SANTEE, CITY OF	060703
SOLANA BEACH, CITY OF	060725
VISTA, CITY OF	060297



REVISED  
4/5/2016



**Federal Emergency Management Agency**

FLOOD INSURANCE STUDY NUMBER  
06073CV009D

**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 (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

This FIS report was revised on April 5, 2016. Users should refer to Section 10.0, Revisions Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of this report should be aware that the information presented in section 10.0 supersedes information in Sections 1.0 through 9.0 of this FIS report.

Initial Countywide FIS Effective Date: June 19, 1997

Revised Countywide FIS Dates:        June 16, 1999  
  January 19, 2001  
  July 16, 2002  
  September 29, 2006  
  May 16, 2012  
  April 5, 2016

**ATTENTION:** On FIRM panel 06073C2153G, the salt pond levee has not been demonstrated by the community or levee owner(s) to meet the requirements of Section 65.10 of the NFIP regulations in 44 CFR as it relates to the levee's capacity to provide 1-percent- annual -chance flood protection. The subject areas are identified on FIRM panels (with notes and bounding lines) and in the FIS report as potential areas of flood hazard data changes based on further review.

FEMA has updated the levee analysis and mapping procedures for non-accredited levees. Until such time as FEMA is able to initiate a new flood risk project to apply the new procedures, the flood hazard information on the aforementioned FIRM panel that are affected by the salt pond levee is being added as a snapshot of the prior previously effective information presented on the FIRMs and FIS reports dated June 19, 1997. As indicated above, it is expected that affected flood hazard data within the subject area could be significantly revised. This may result in floodplain boundary changes, 1-percent- annual -chance flood elevation changes, and/or changes to flood hazard zone designations.

The effective FIRM panels (and the FIS report) will again be revised at a later date to update the flood hazard information associated with the salt pond levee when FEMA is able to initiate and complete a new flood risk project to apply the updated levee analysis and mapping procedures.

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<sup>1</sup> Flooding source has been superseded by LOMR #09-09-0276P and has been removed from the FIS.

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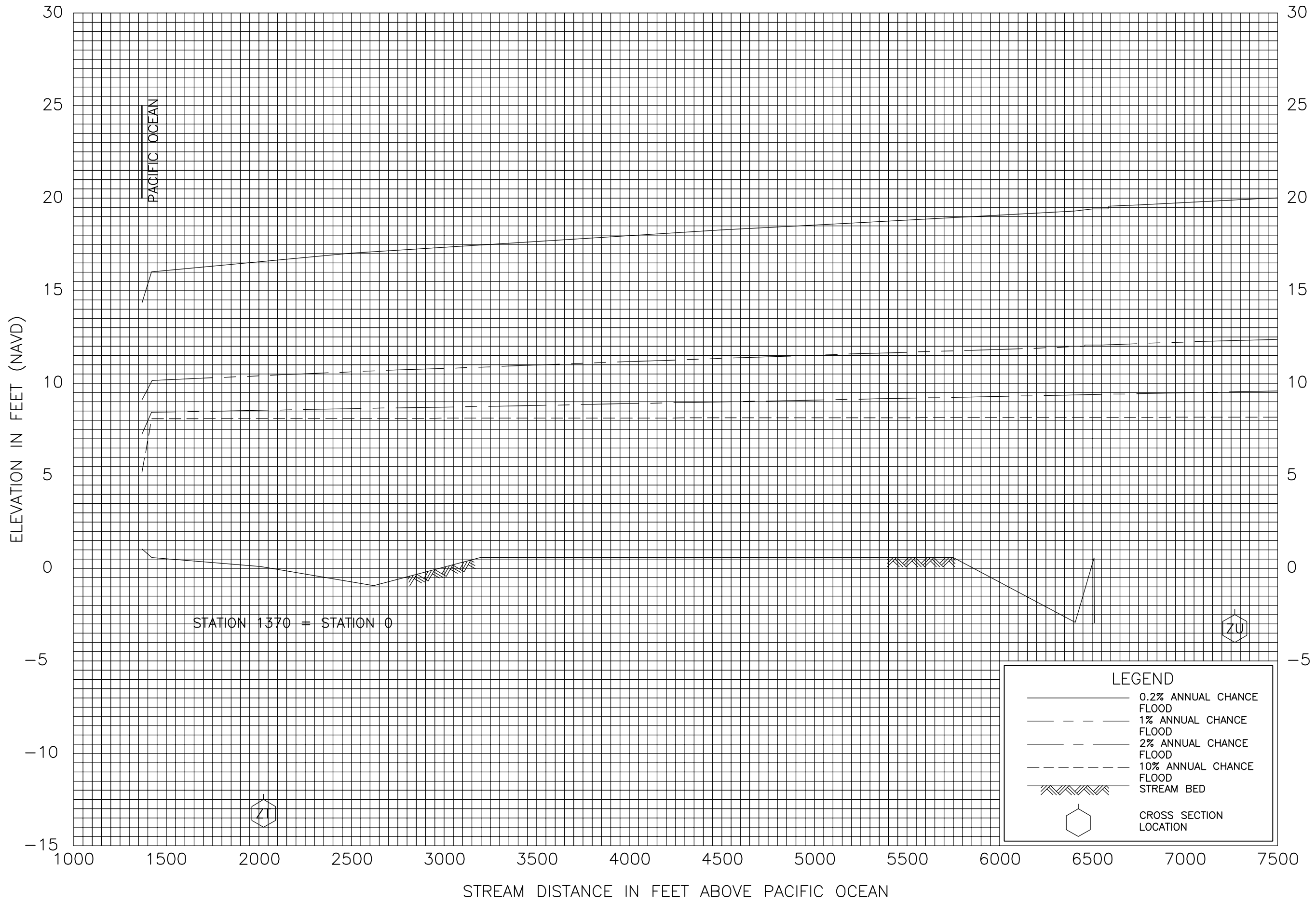
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PUBLISHED SEPARATELY: Flood Insurance Rate Map Index  
Flood Insurance Rate Map



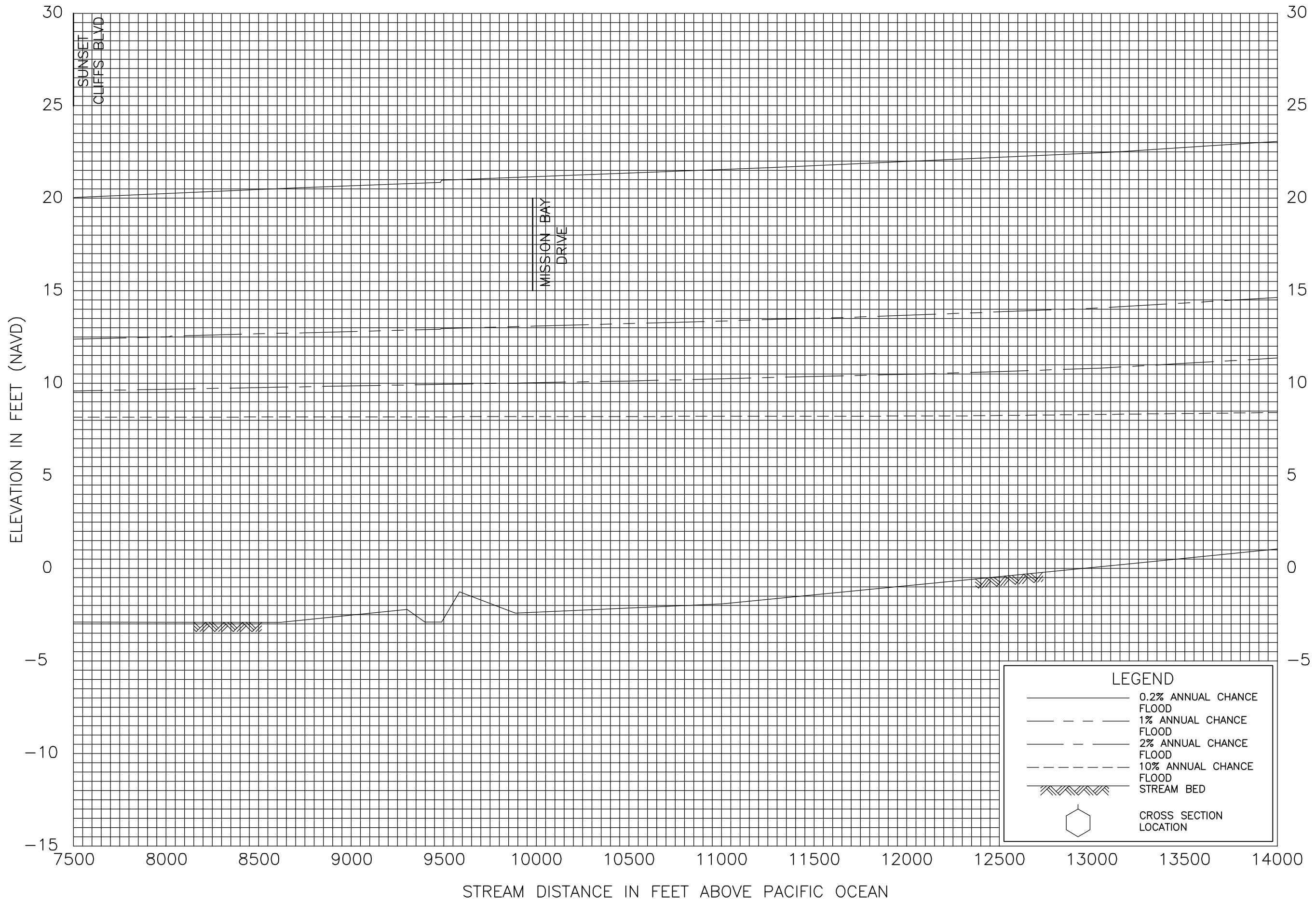


FLOOD PROFILES

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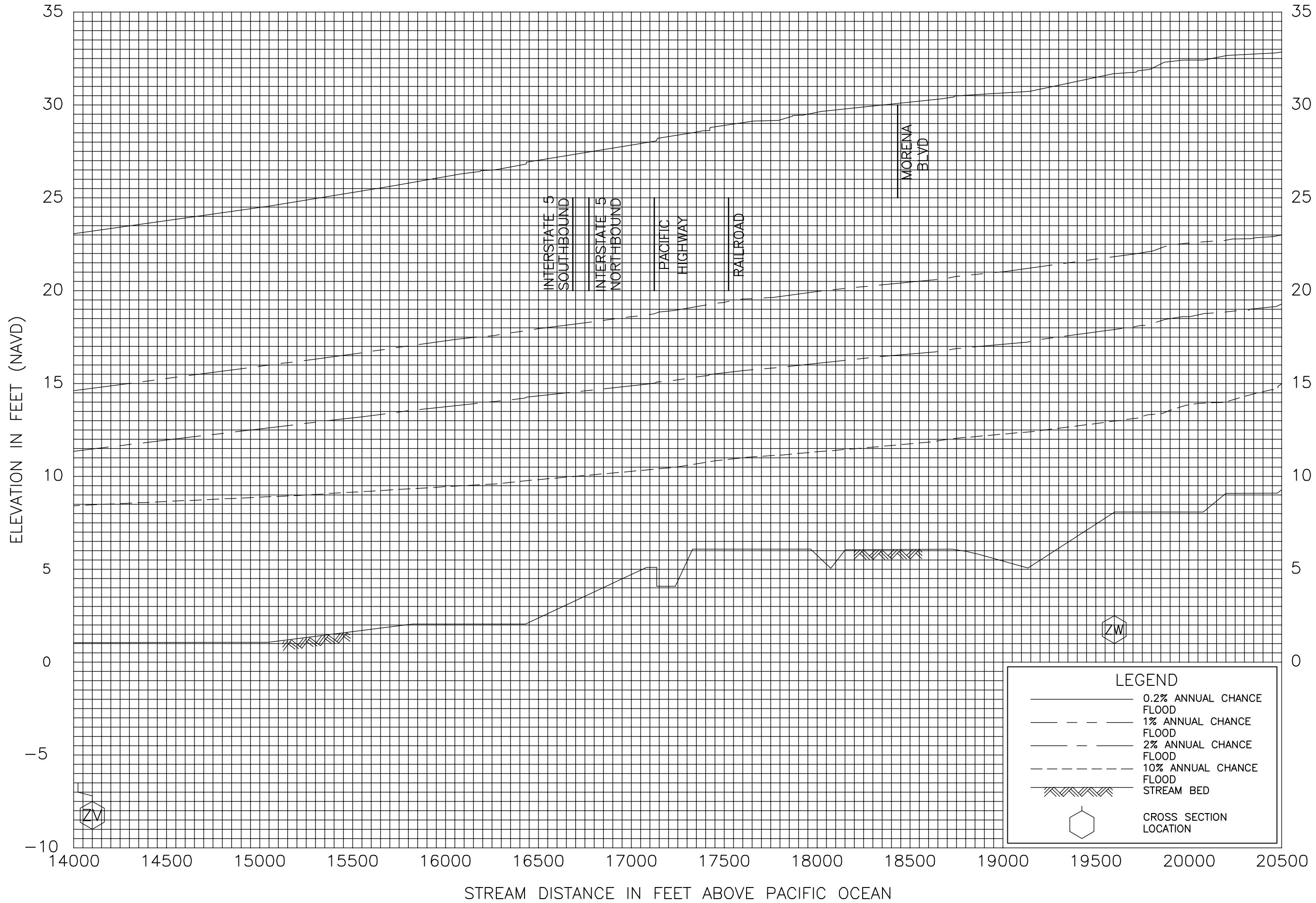


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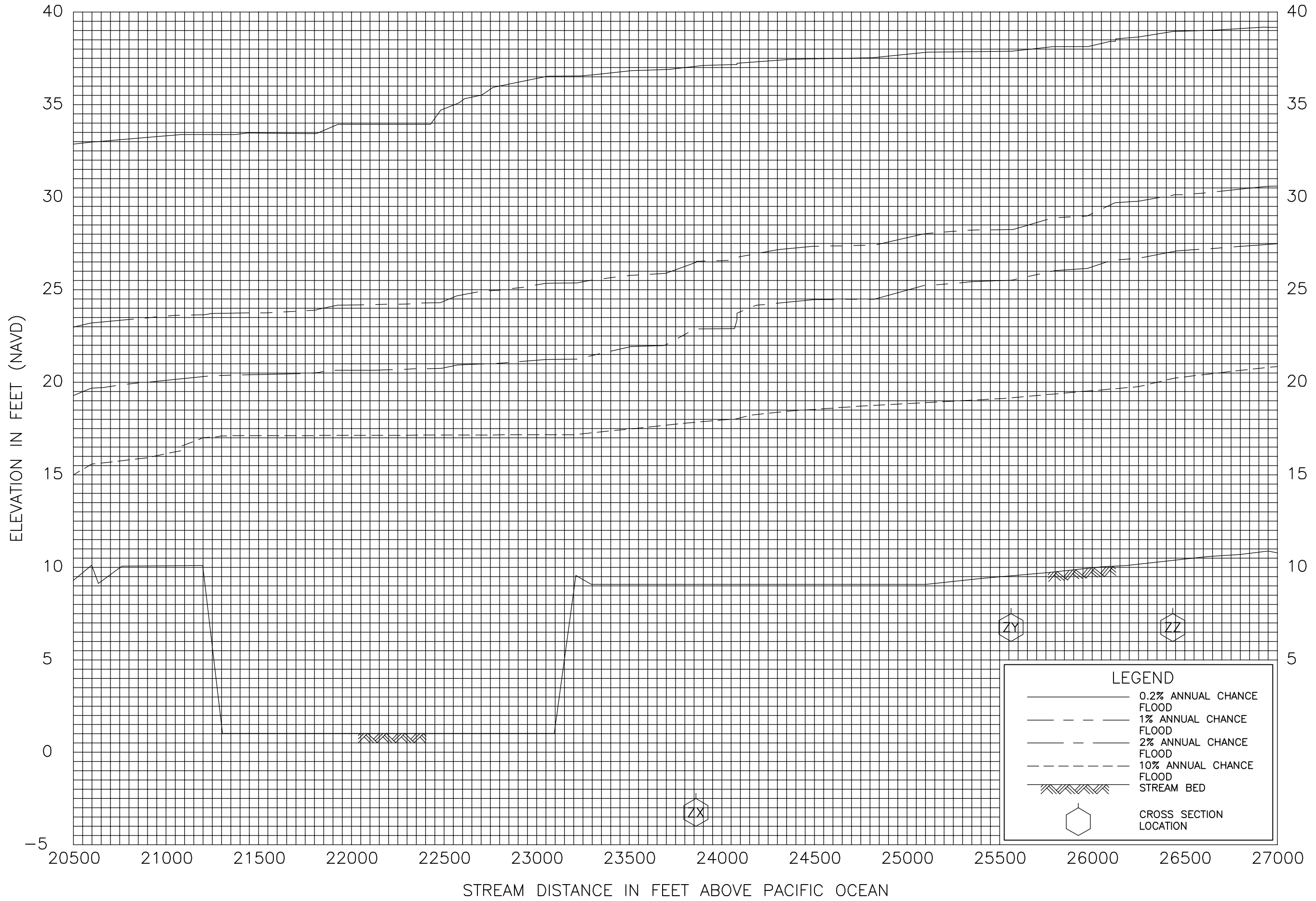
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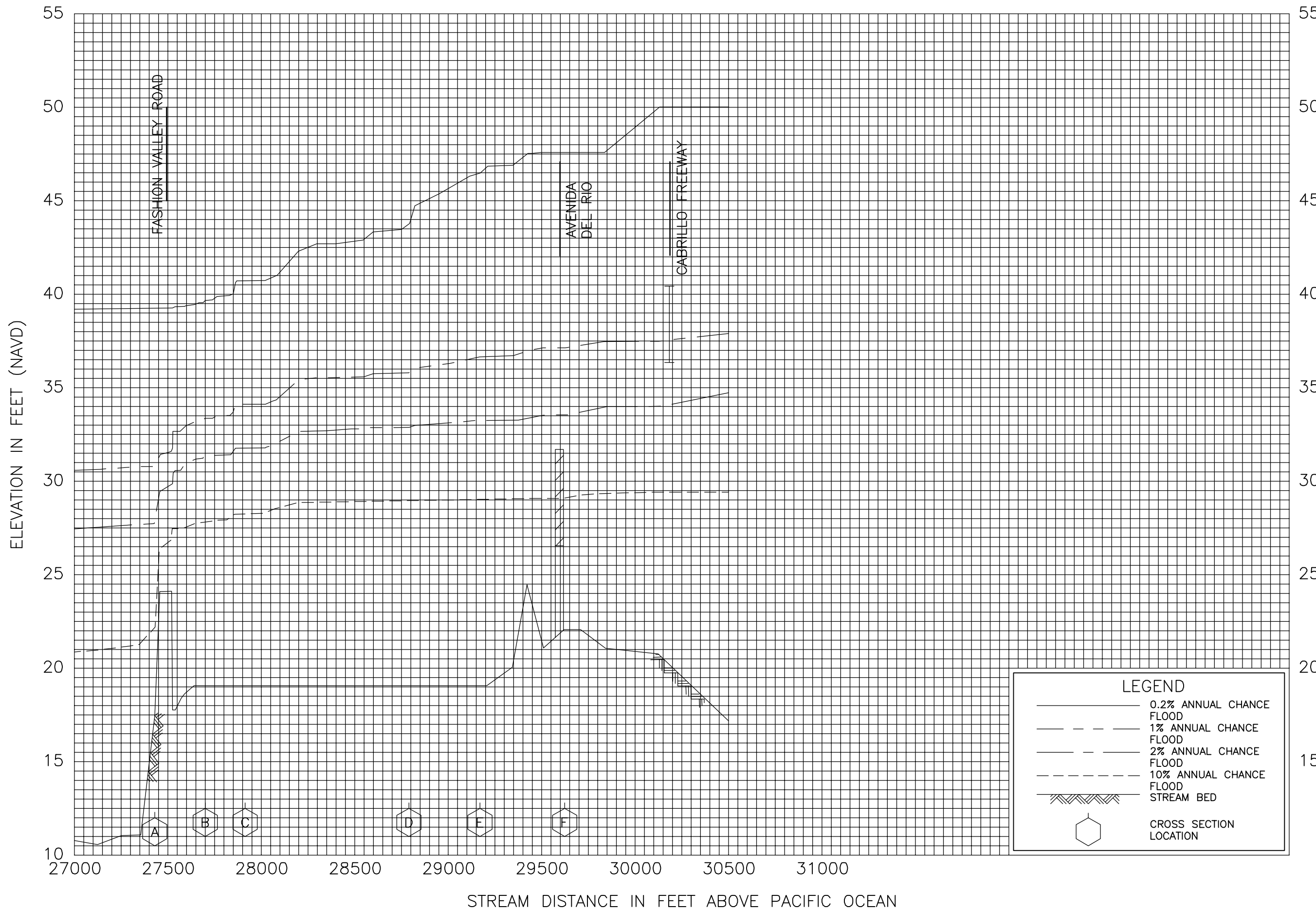
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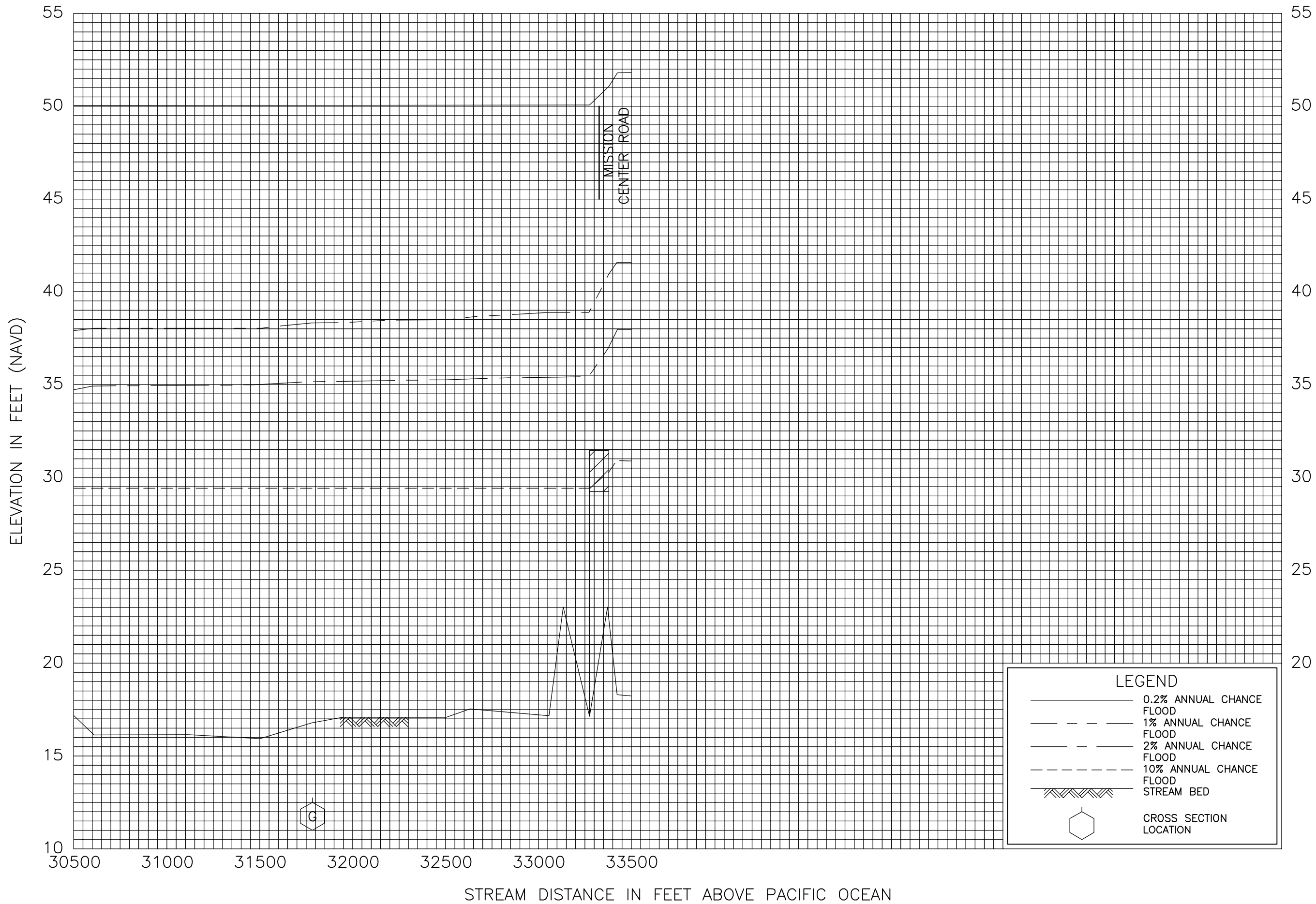
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LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
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FLOOD PROFILES

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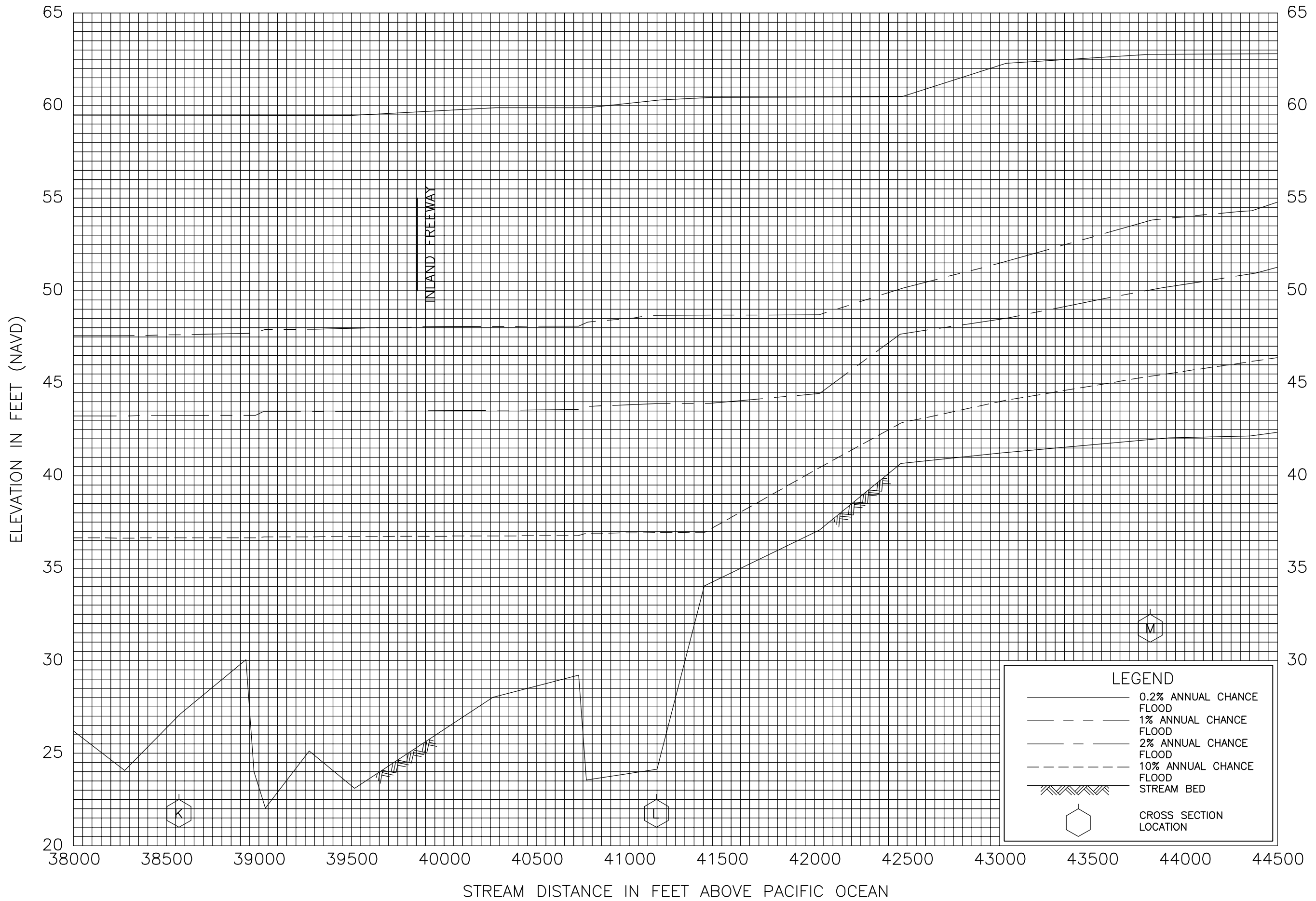
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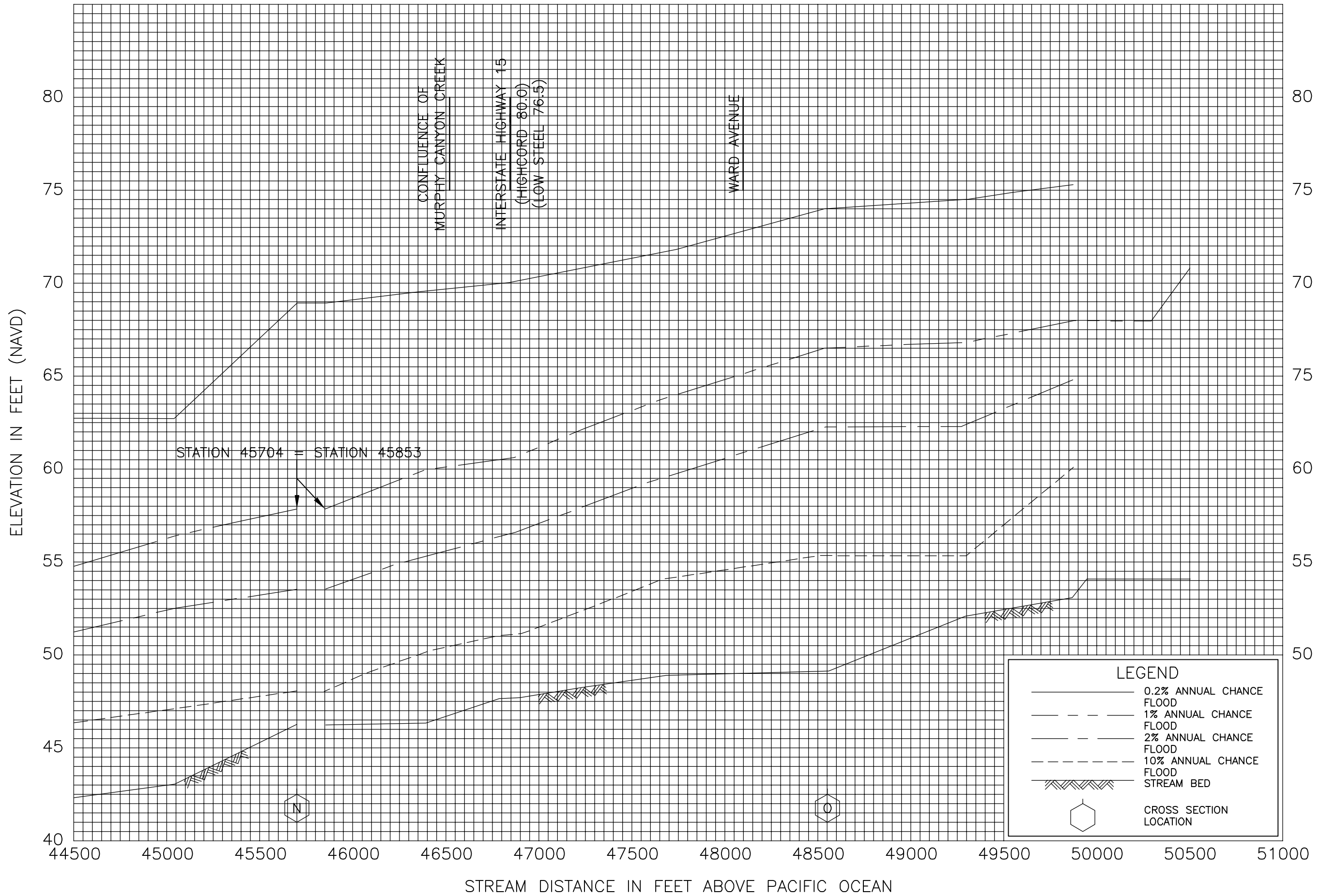
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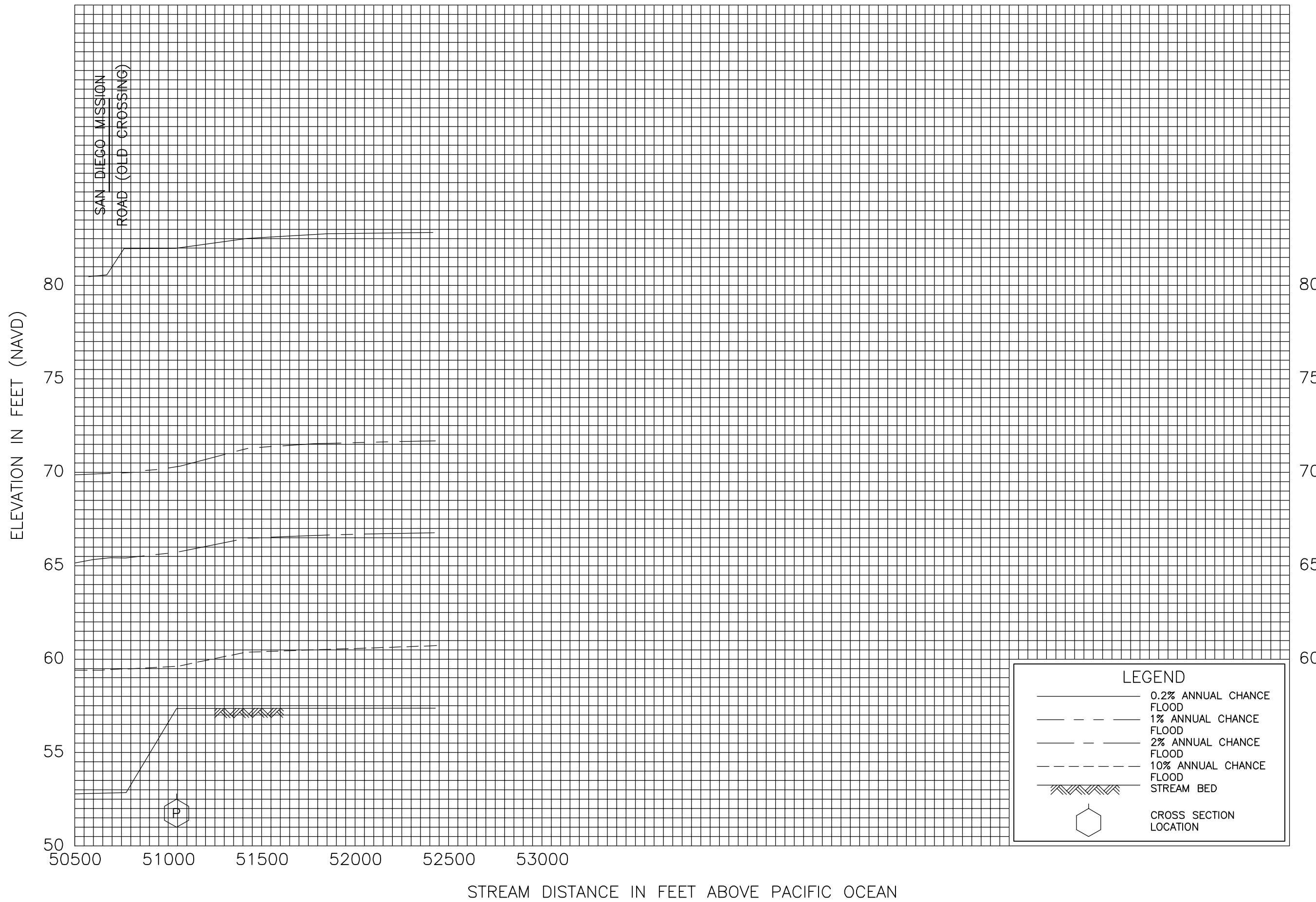


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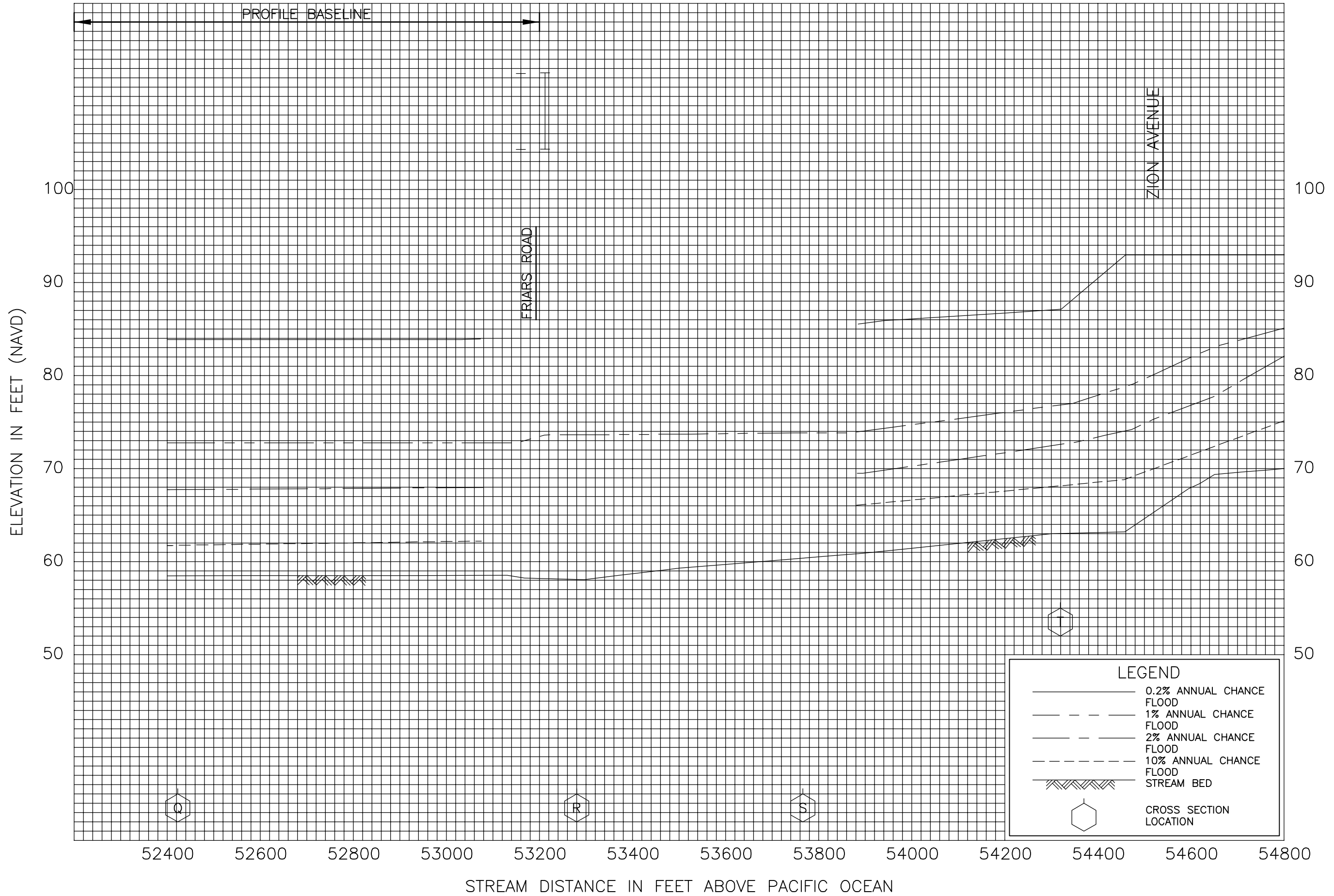
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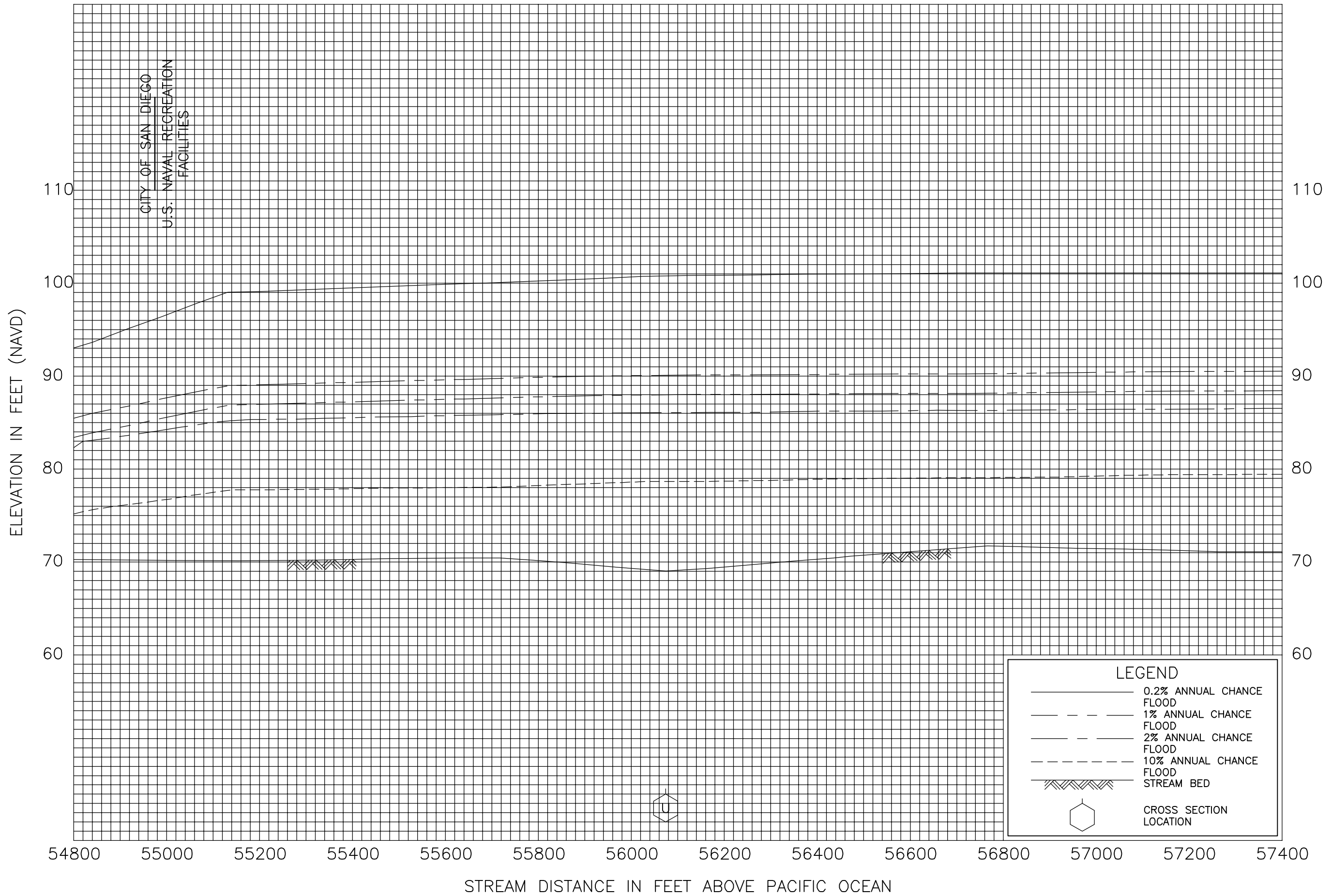
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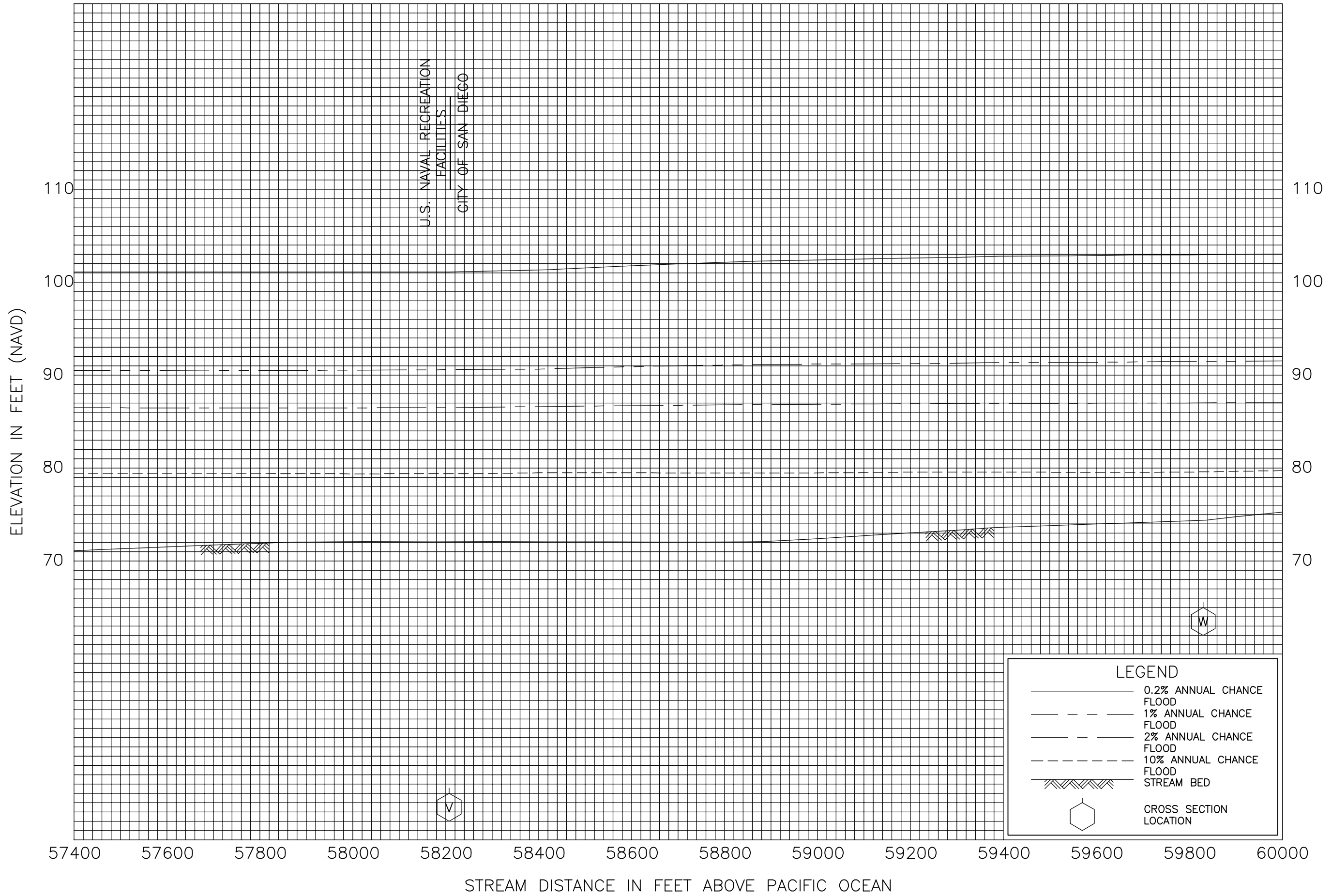
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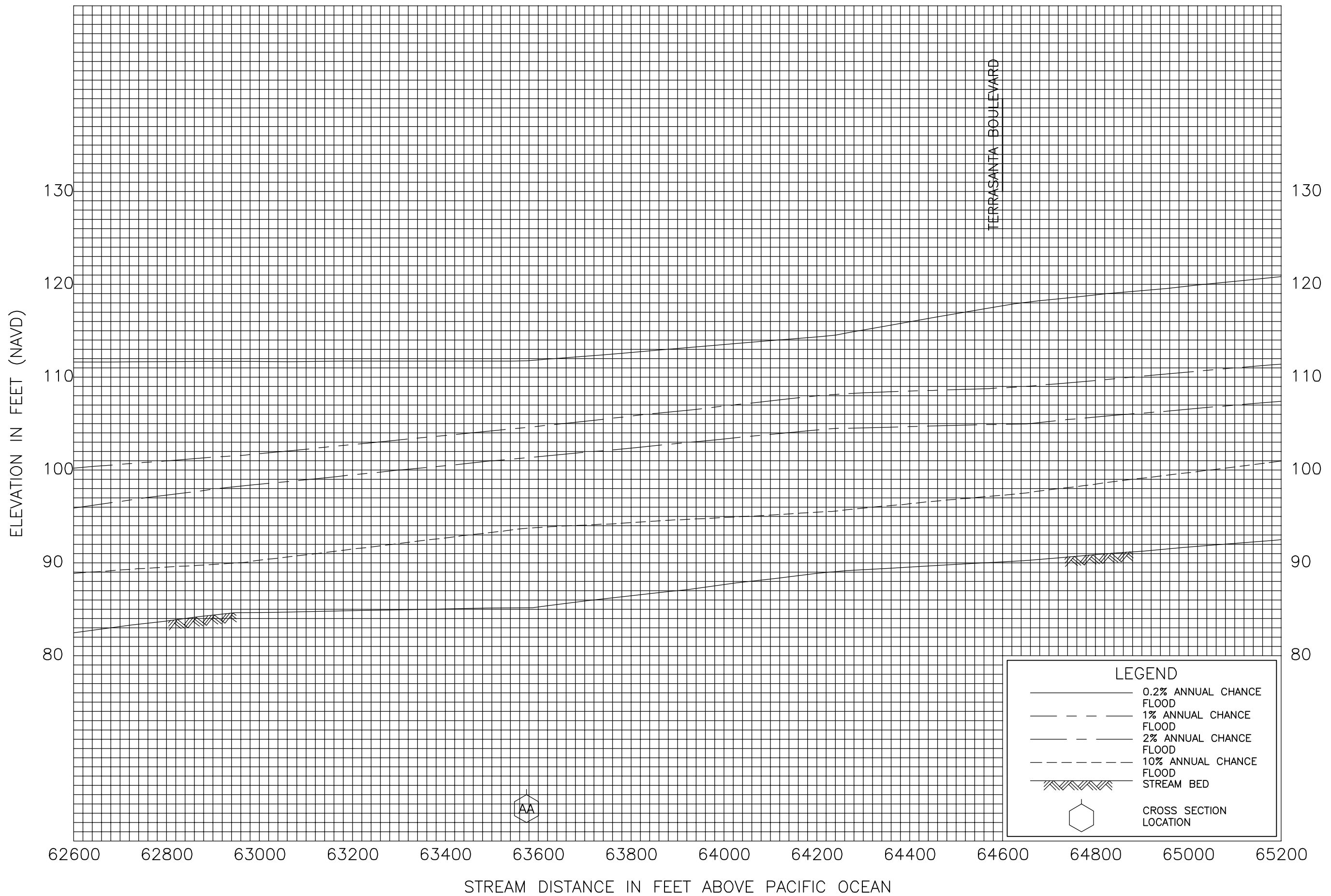
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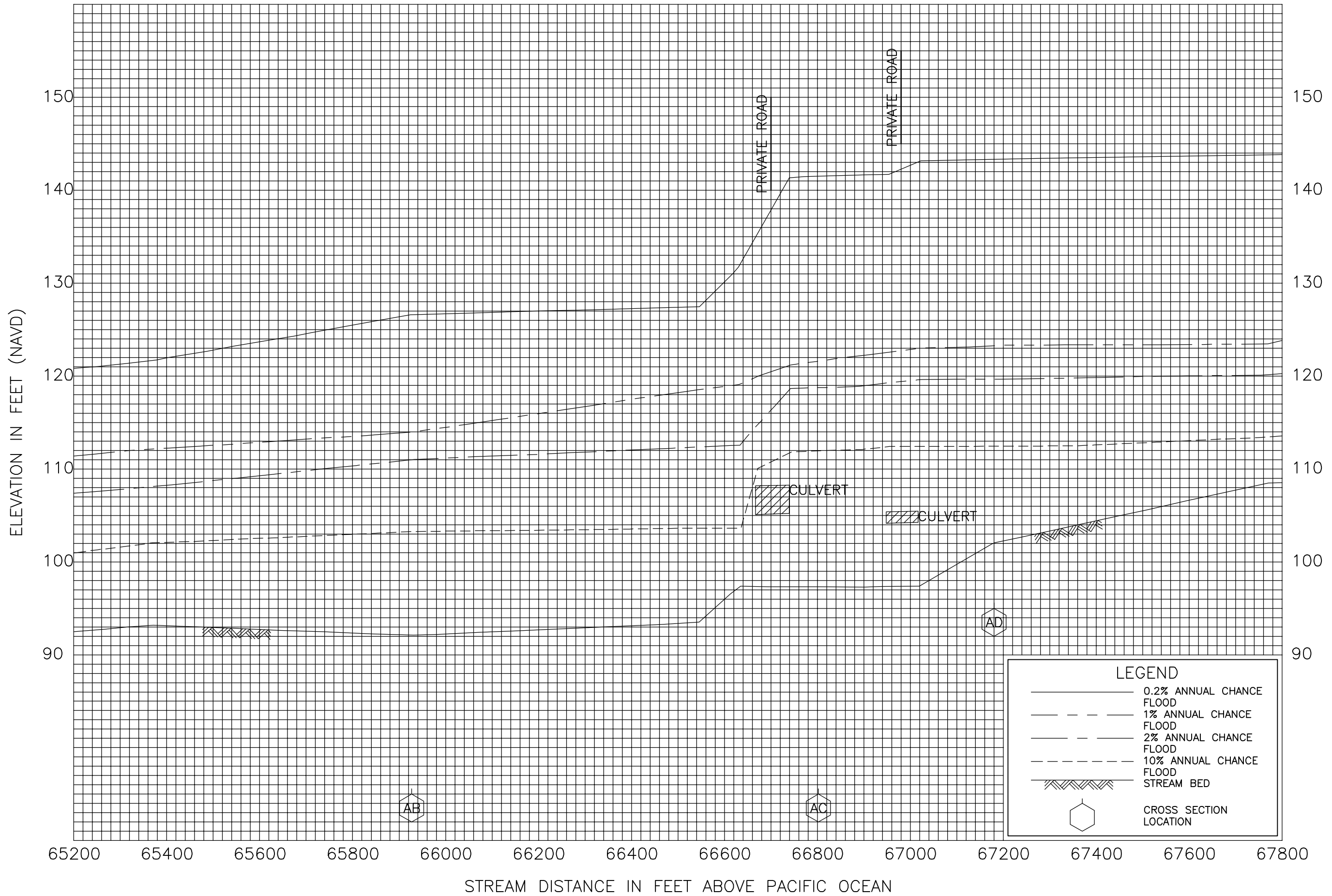
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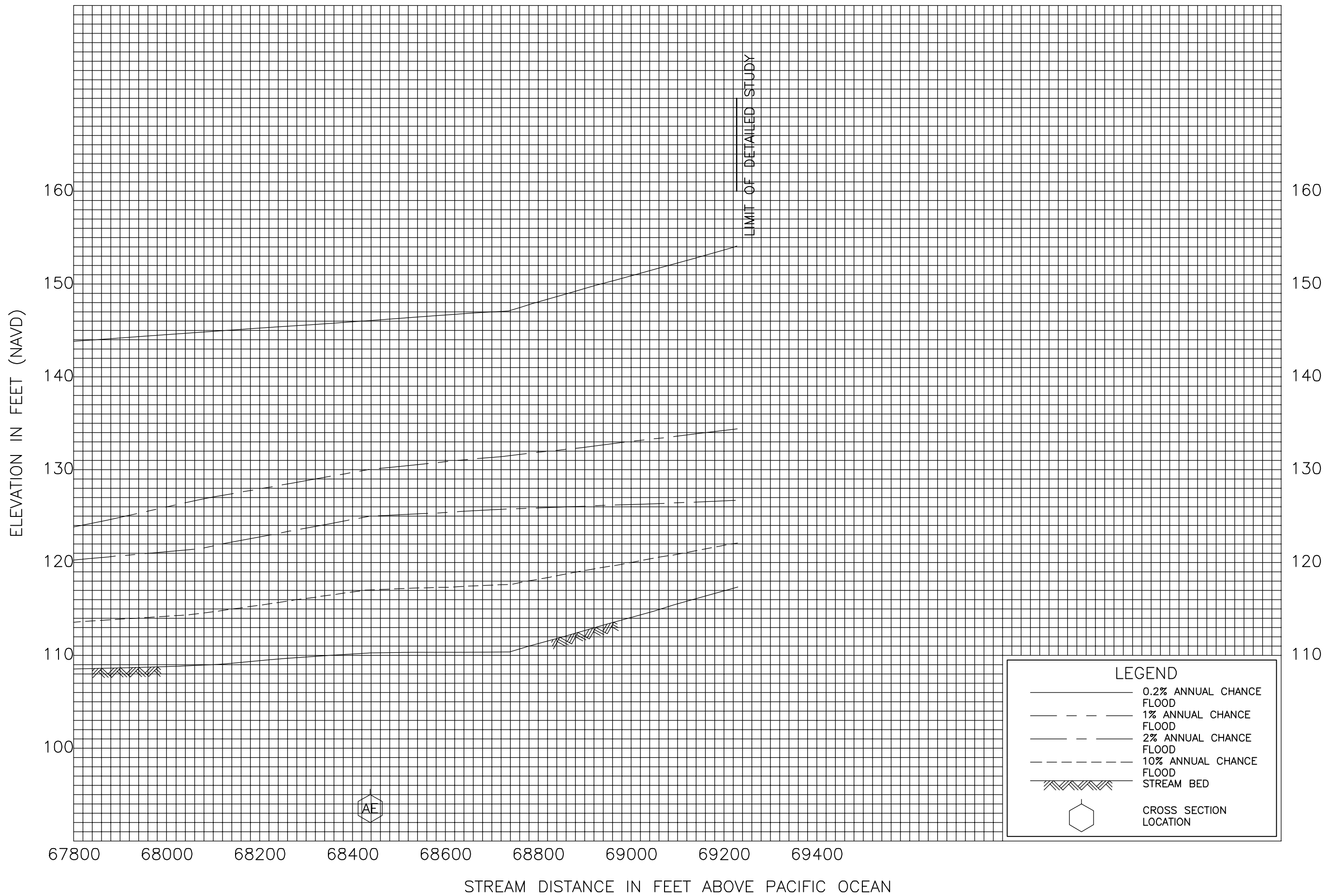
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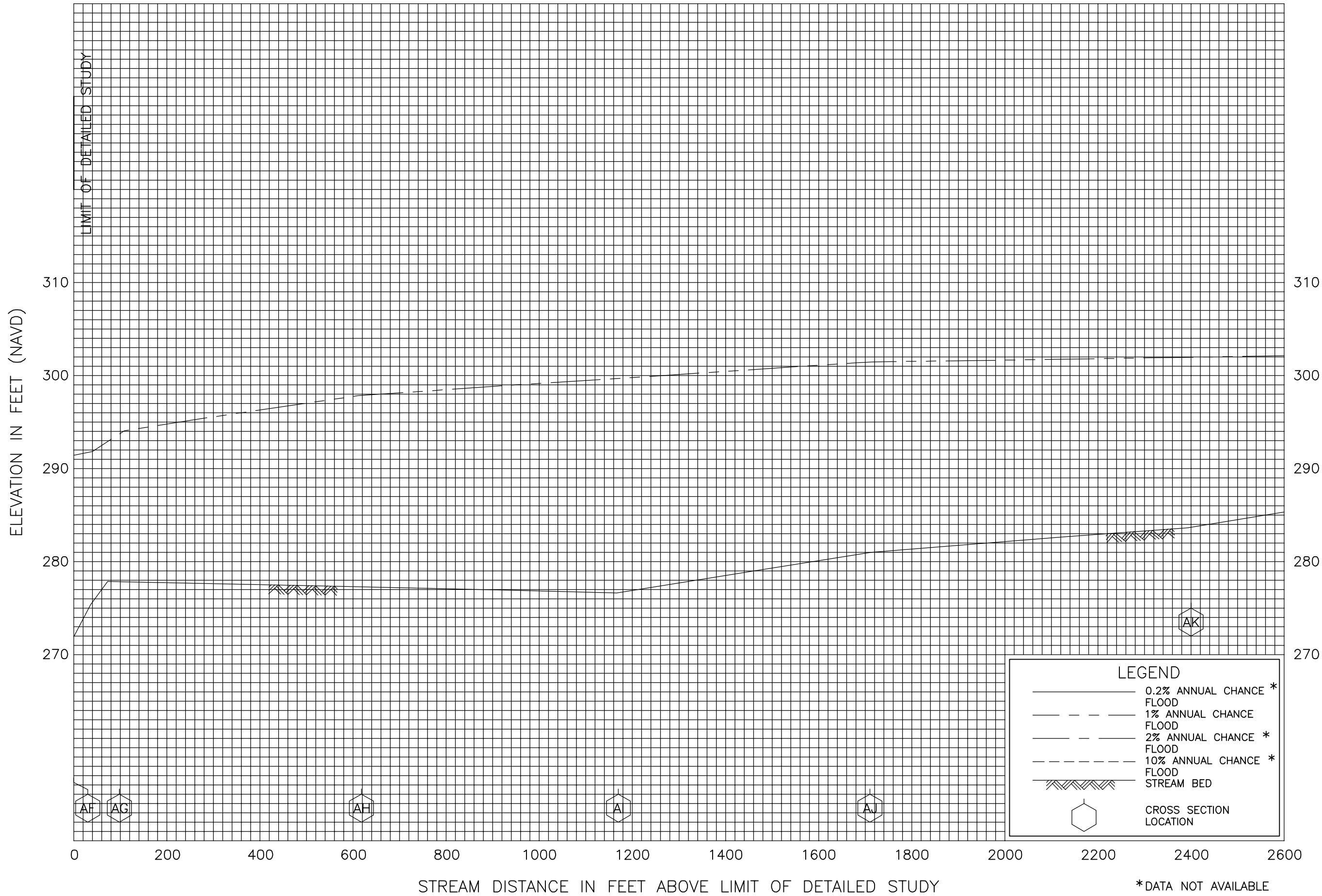
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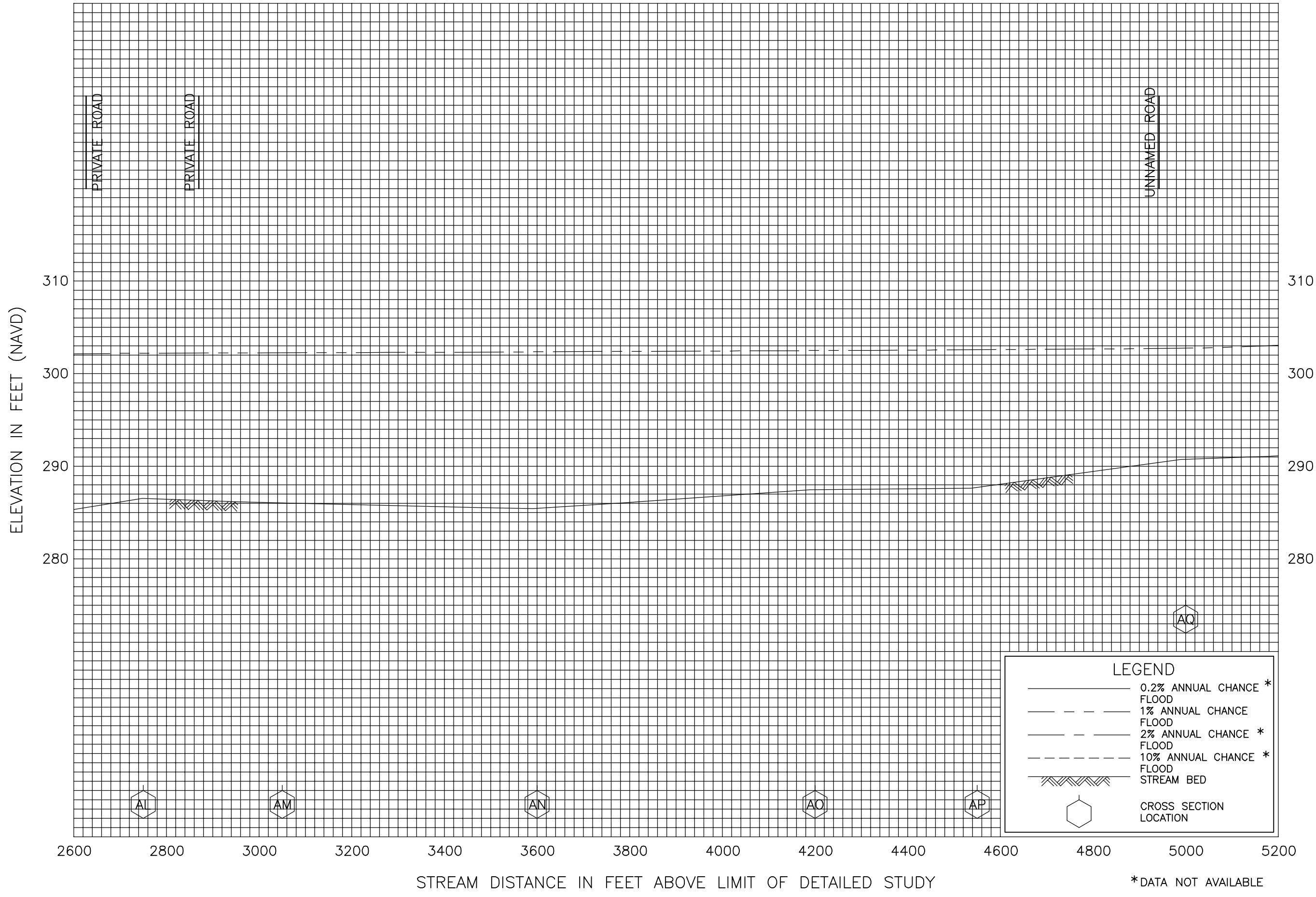
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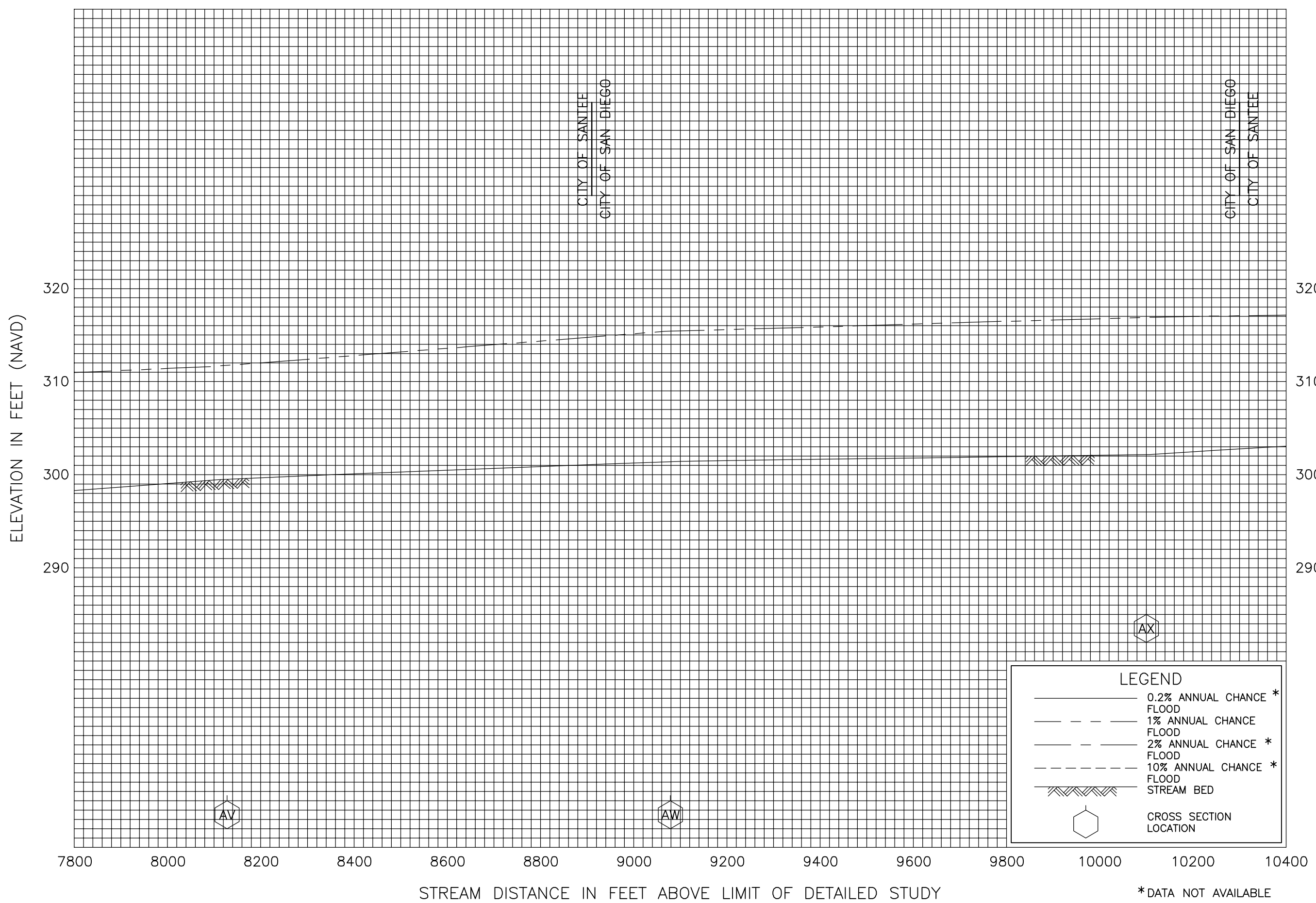
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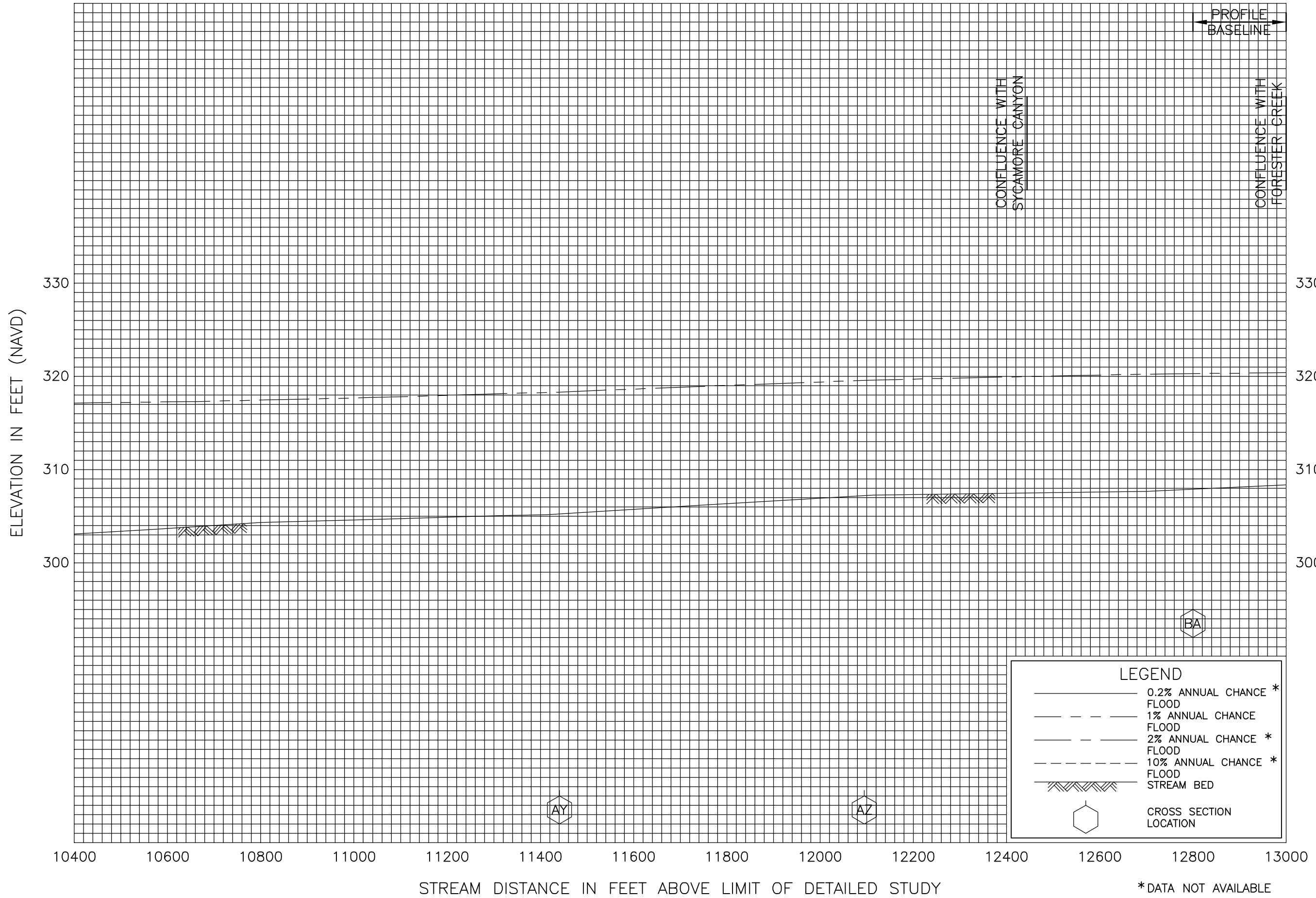
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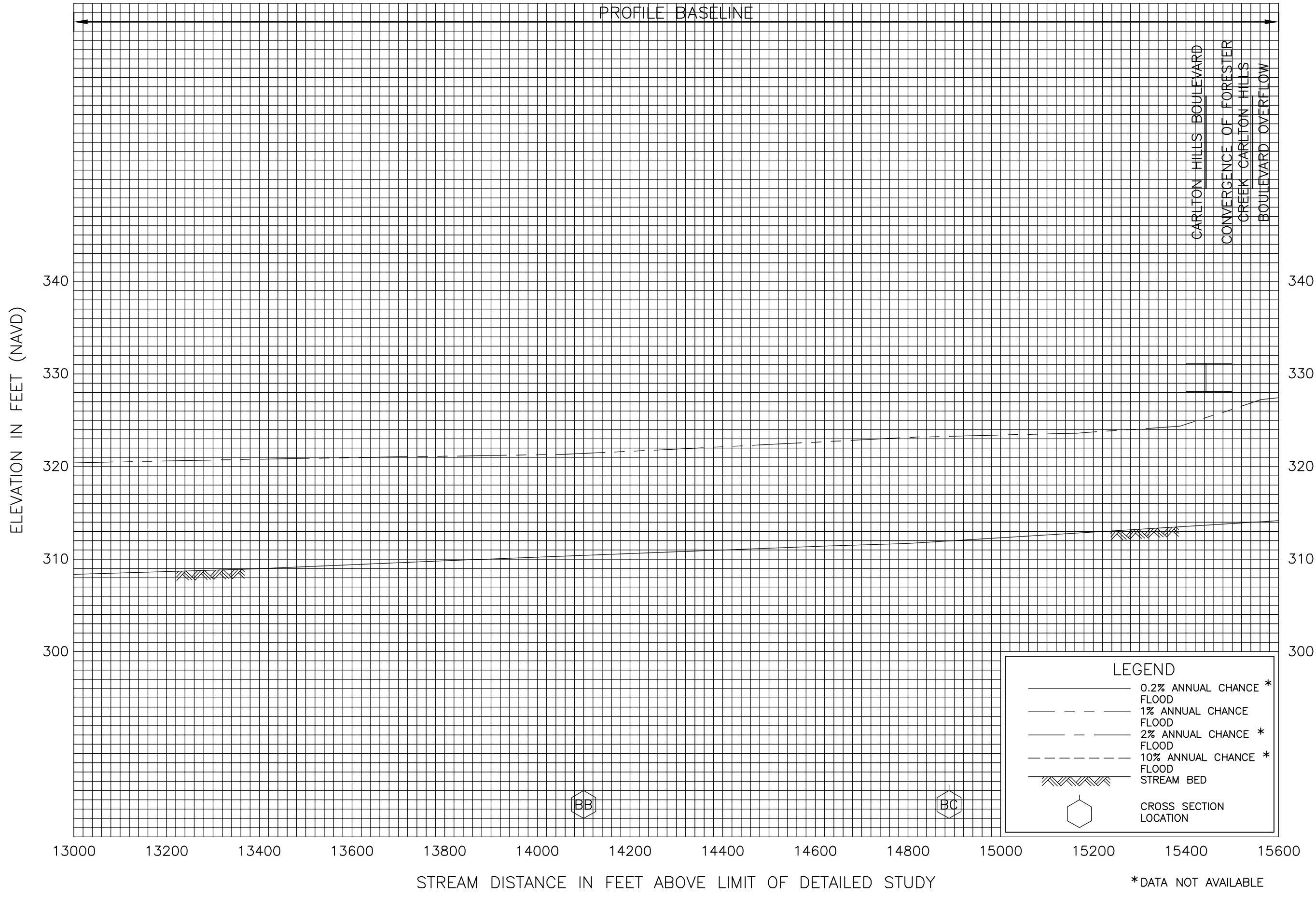
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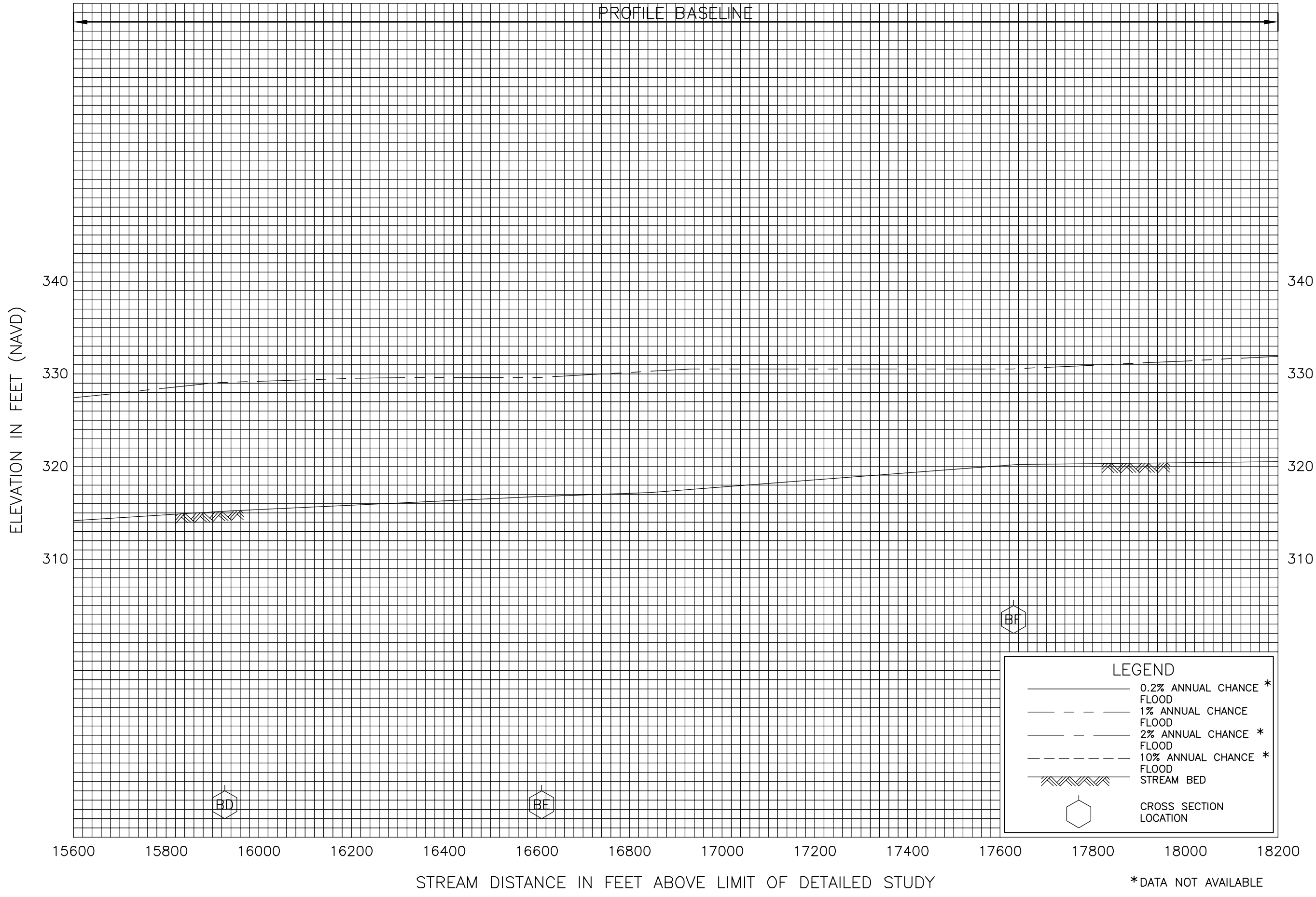
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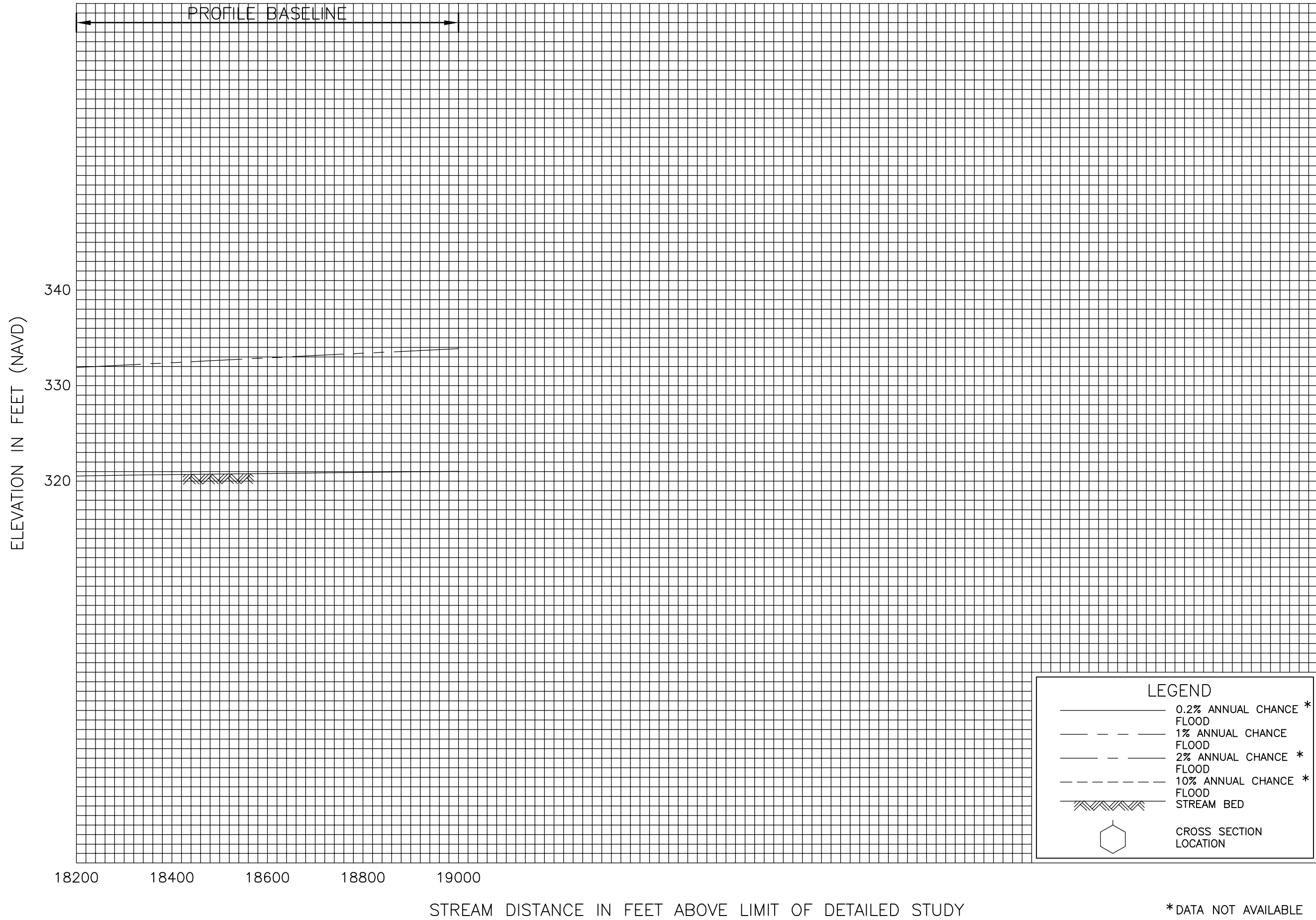
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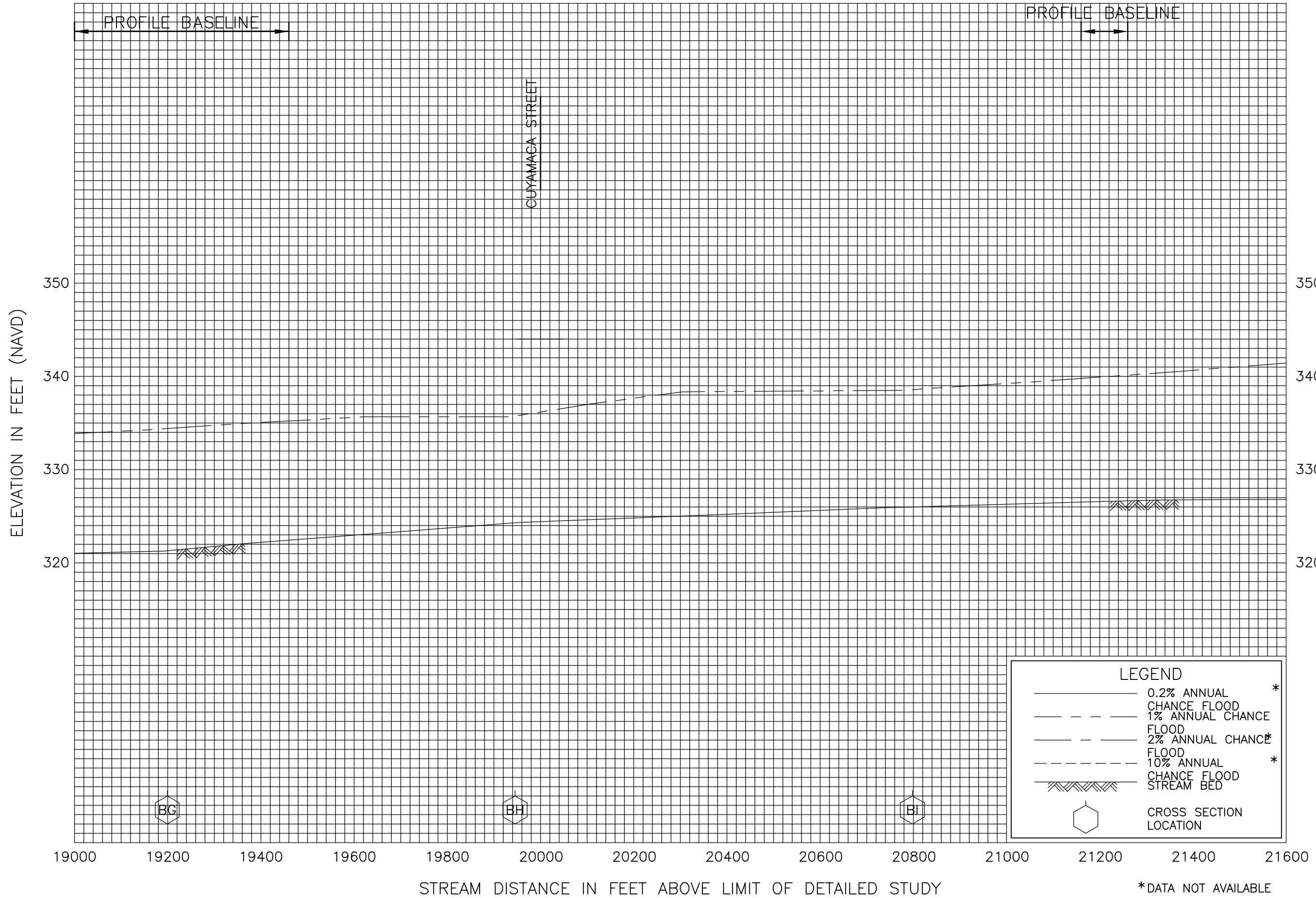
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**LEGEND**

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- - -	1% ANNUAL CHANCE FLOOD
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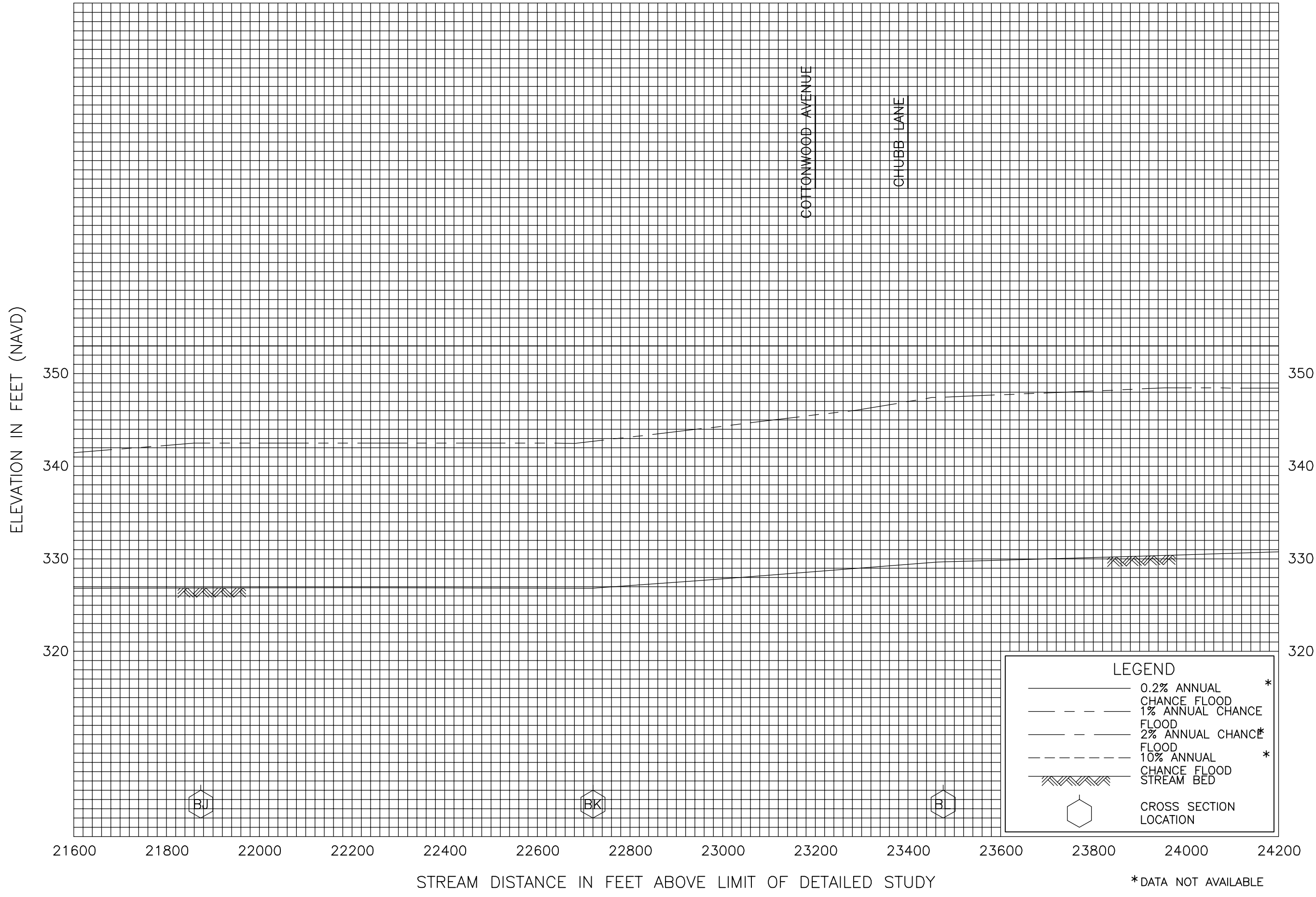
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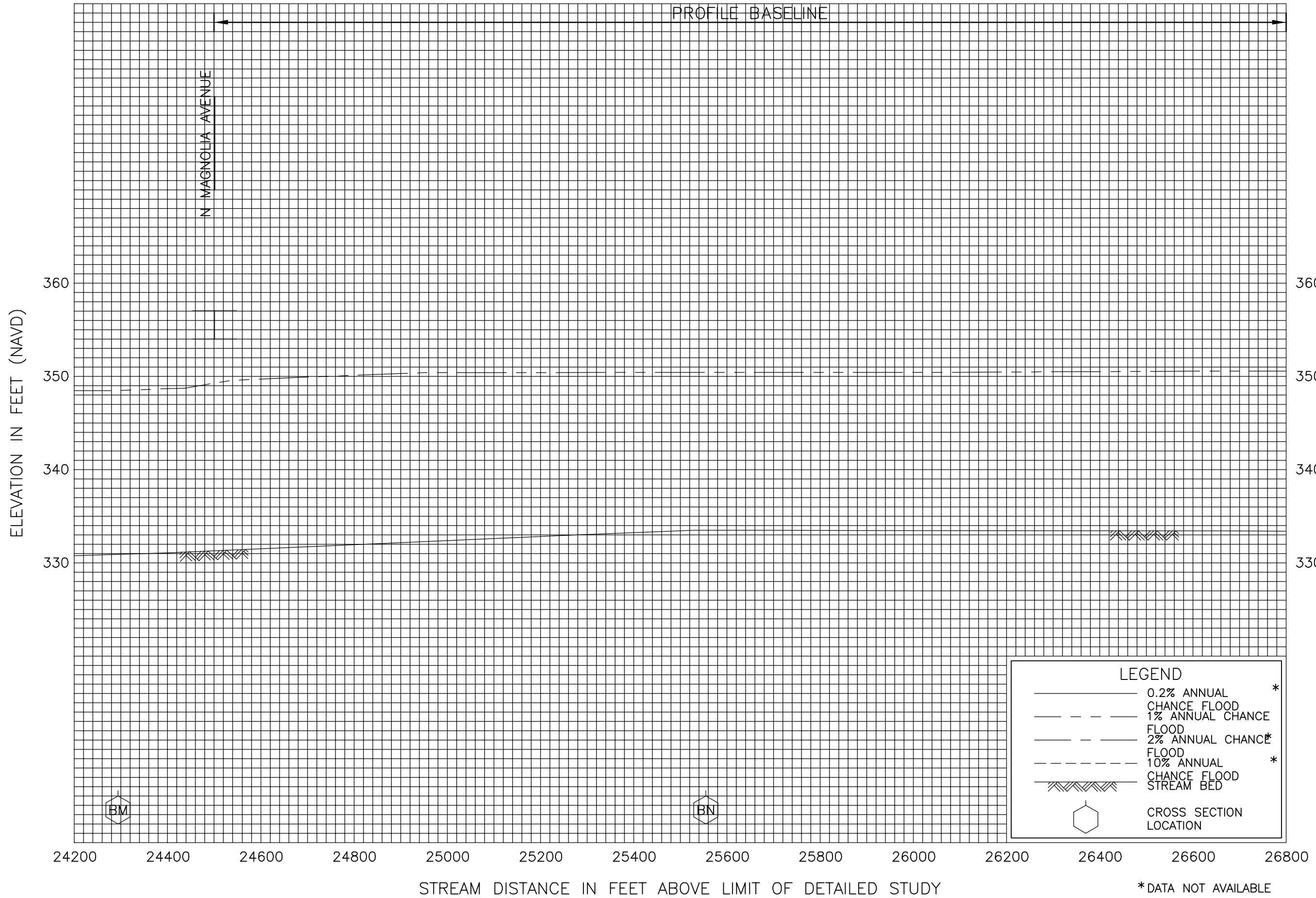
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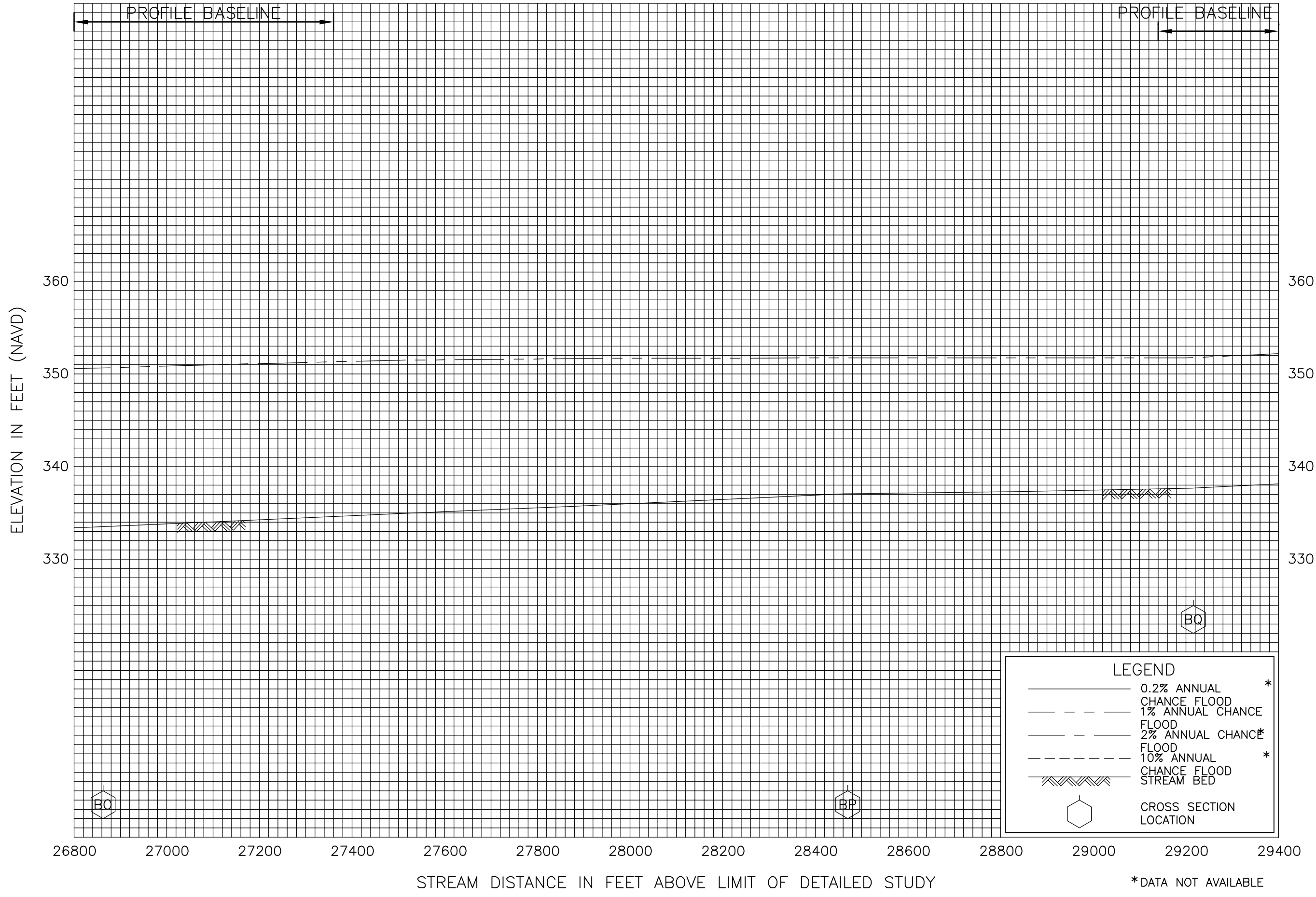
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\*DATA NOT AVAILABLE



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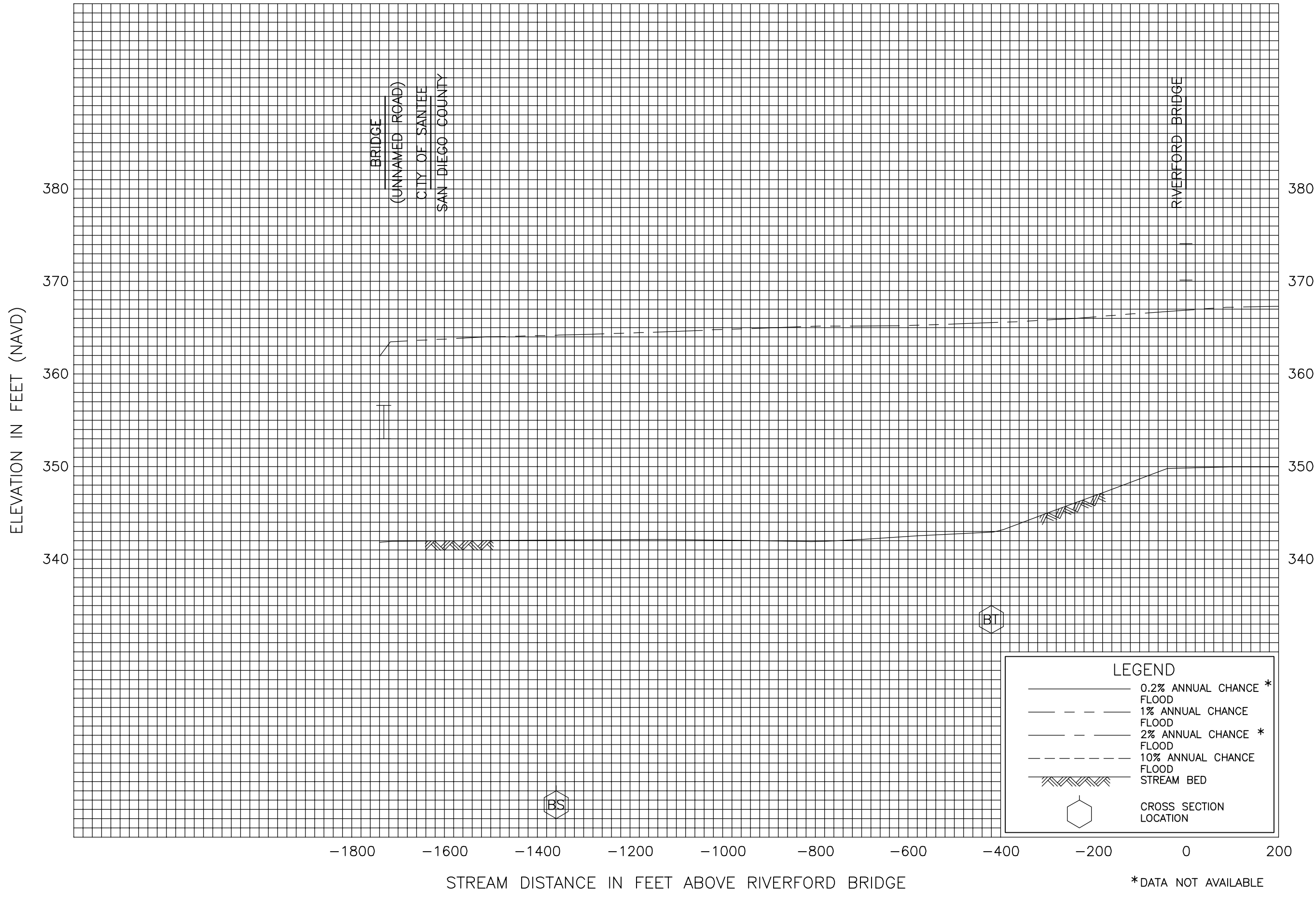
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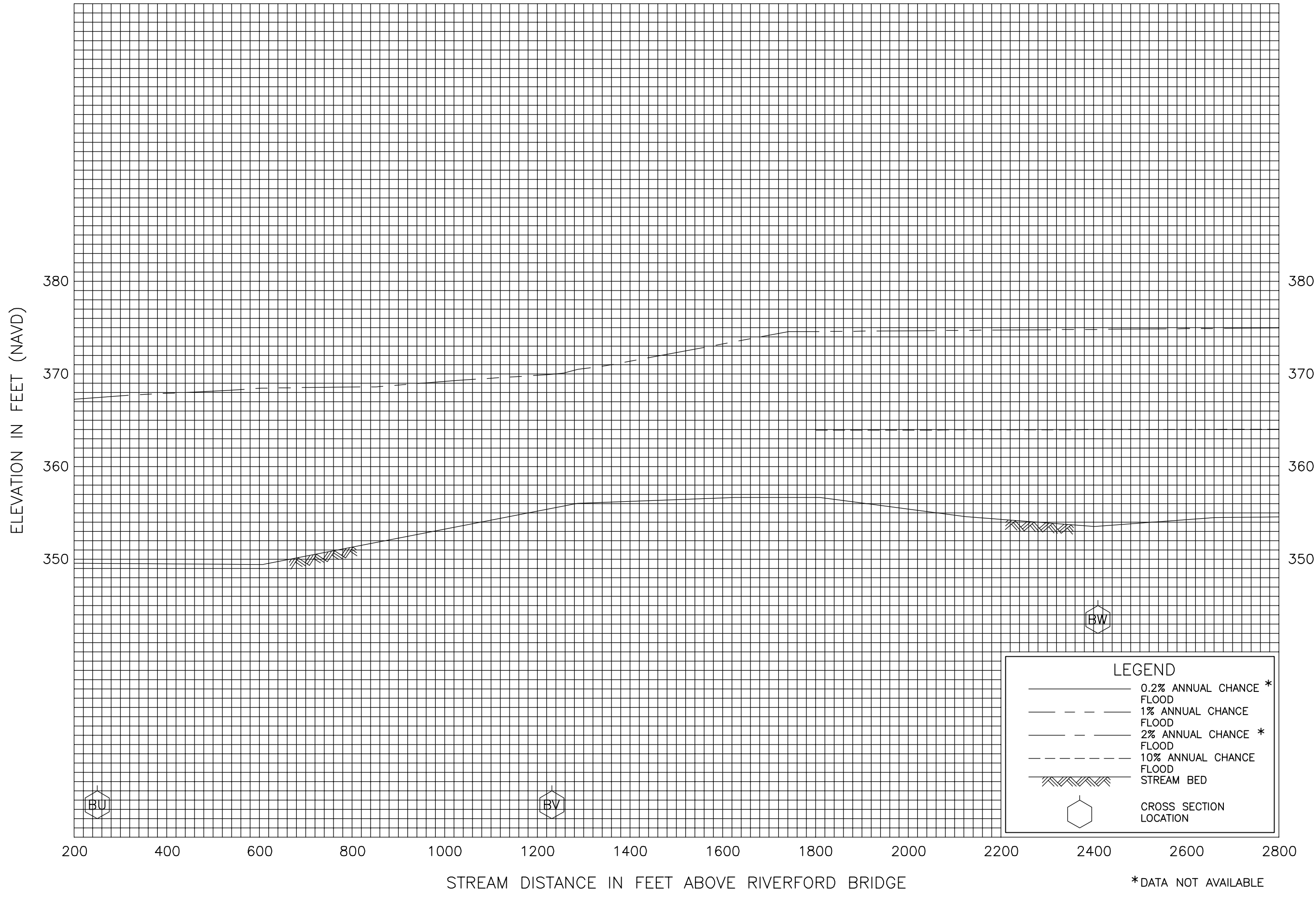


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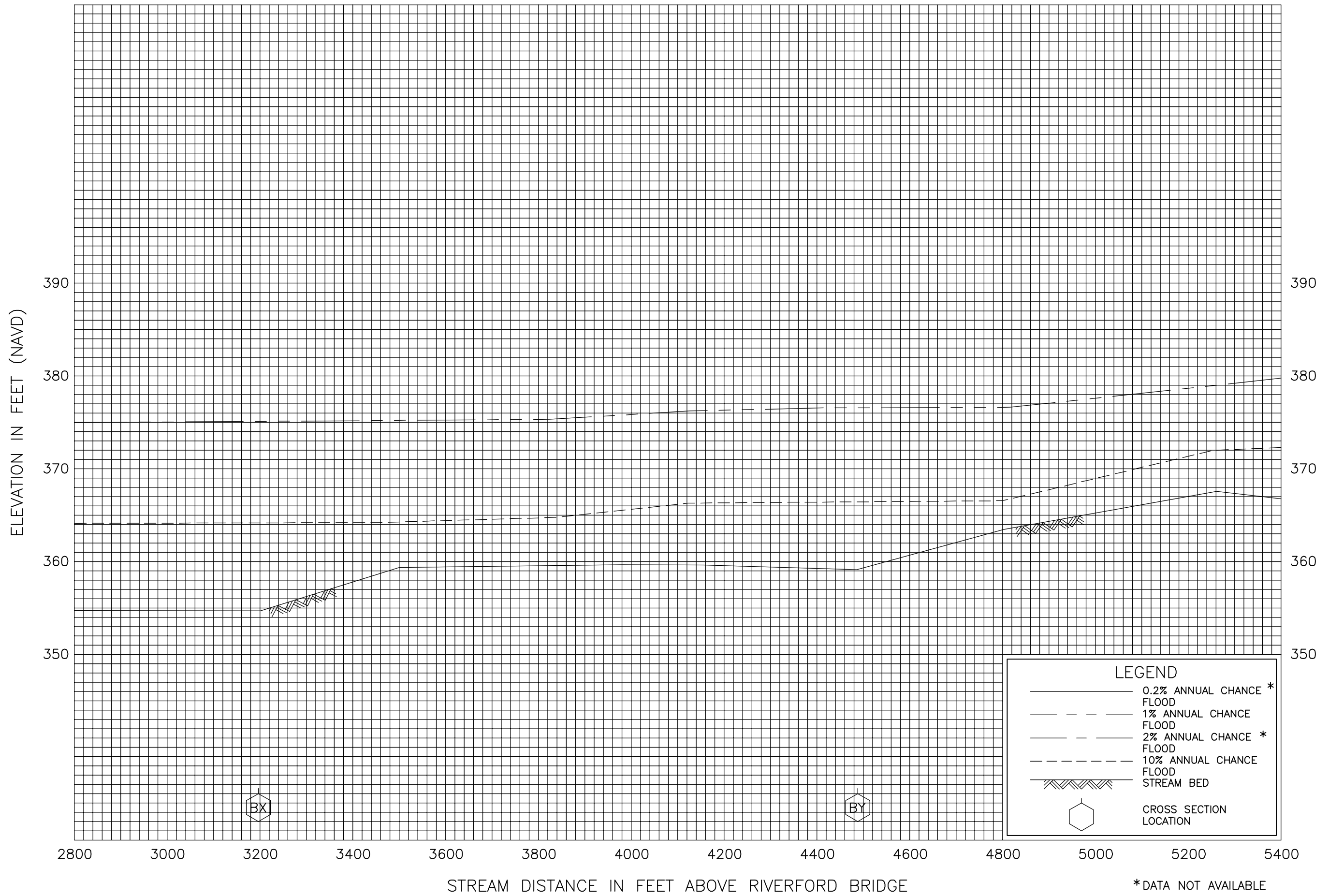
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SAN DIEGO RIVER

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





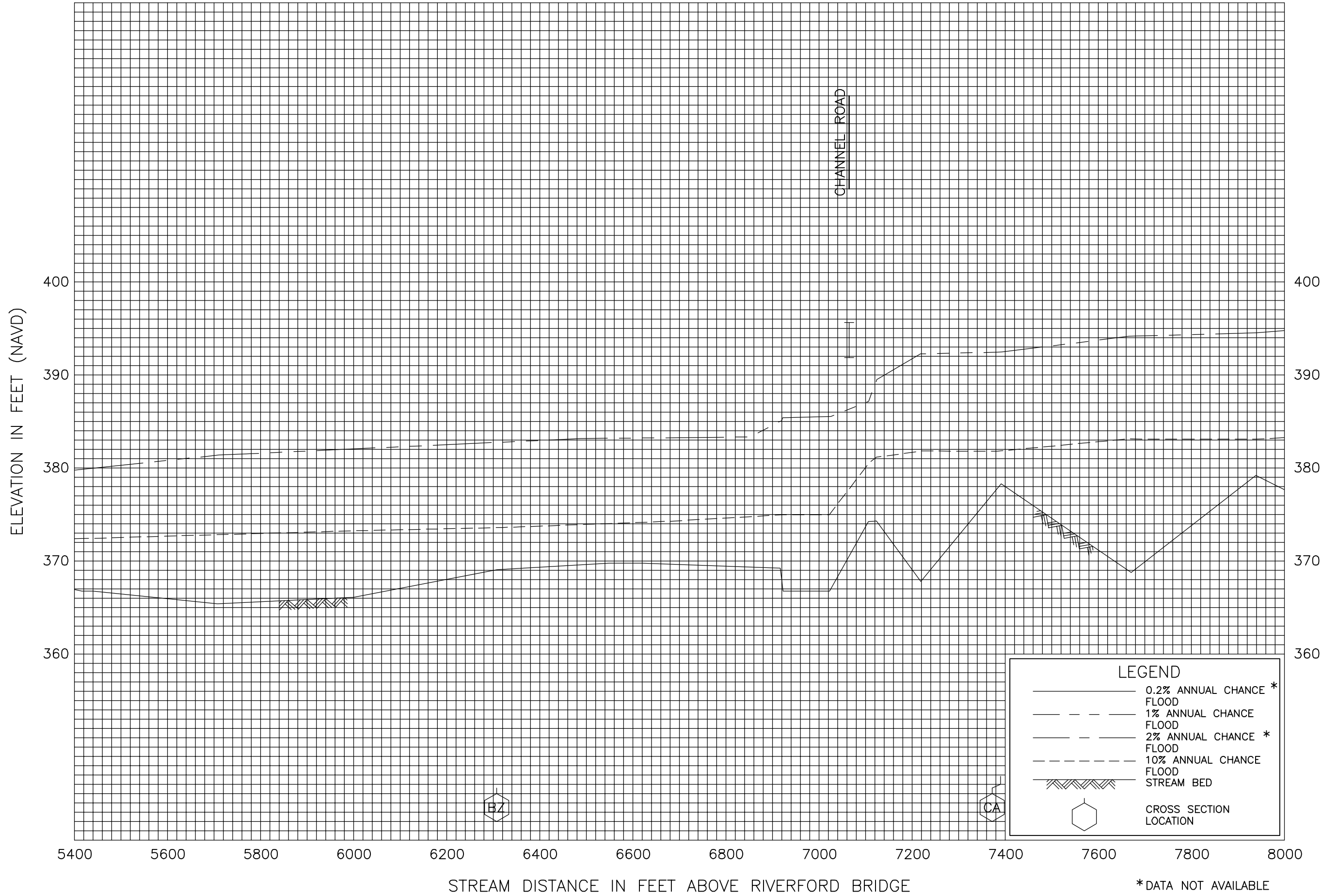
FLOOD PROFILES

SAN DIEGO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

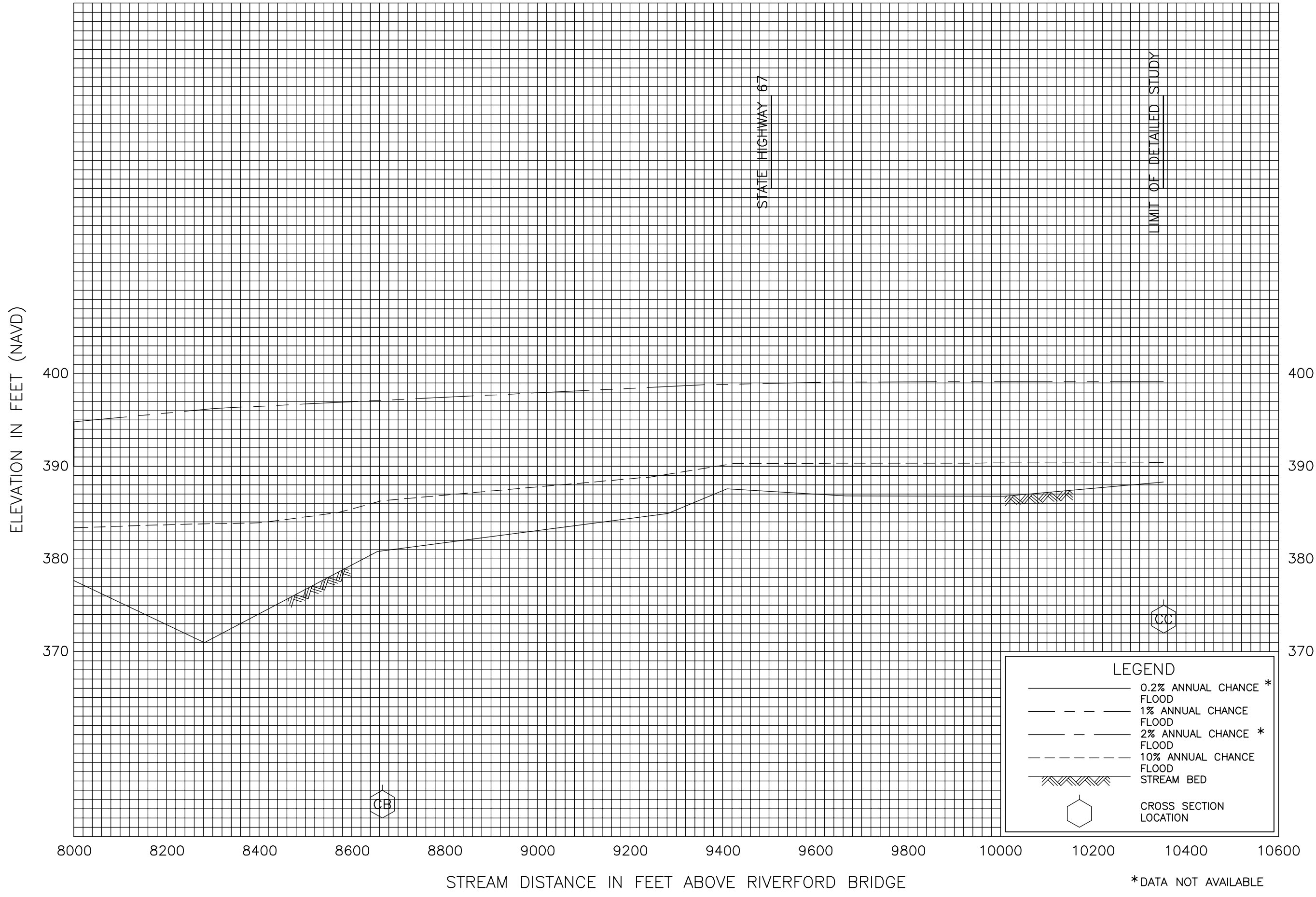
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

\*DATA NOT AVAILABLE



FLOOD PROFILES  
SAN DIEGO RIVER

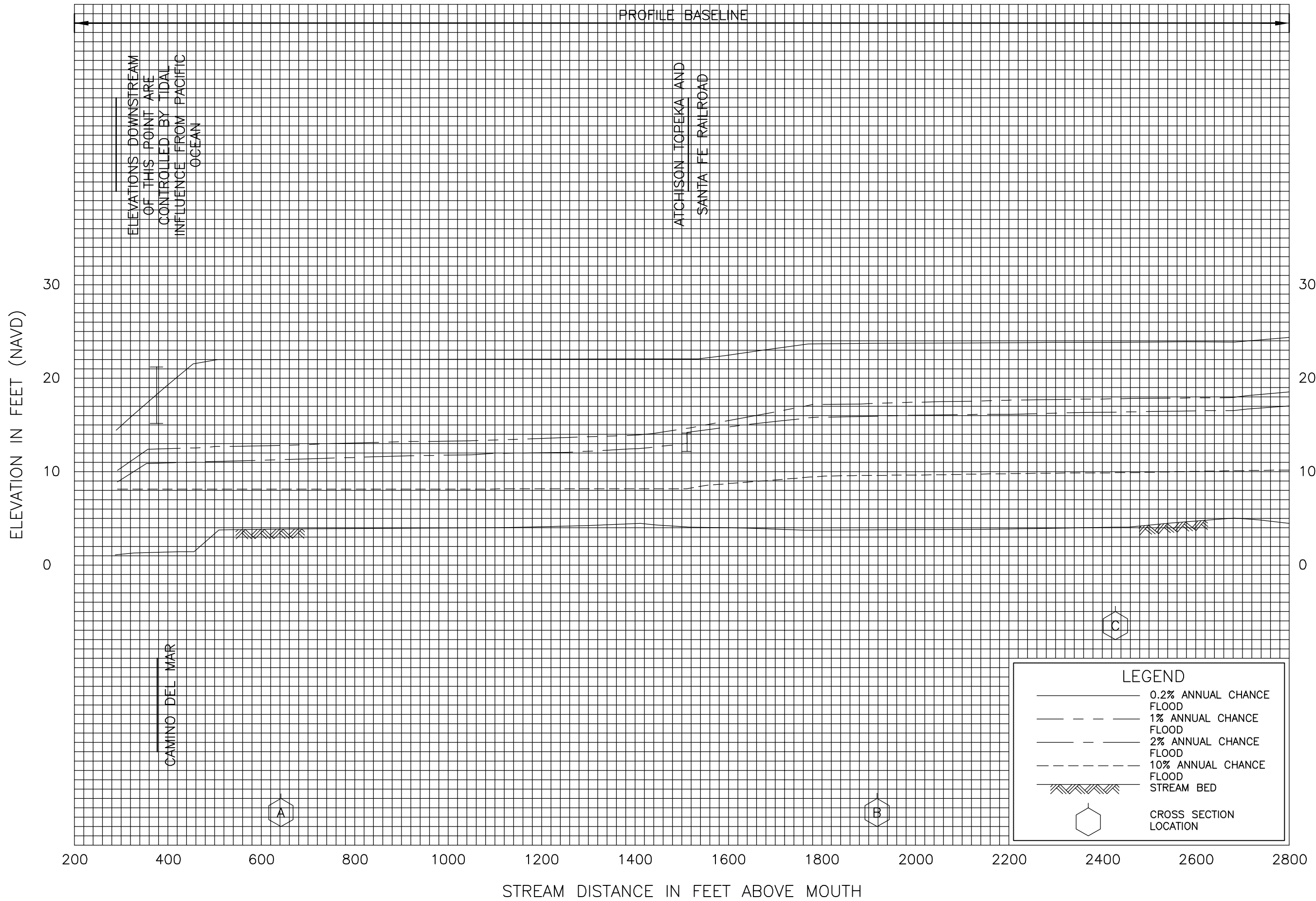
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
SAN DIEGO RIVER

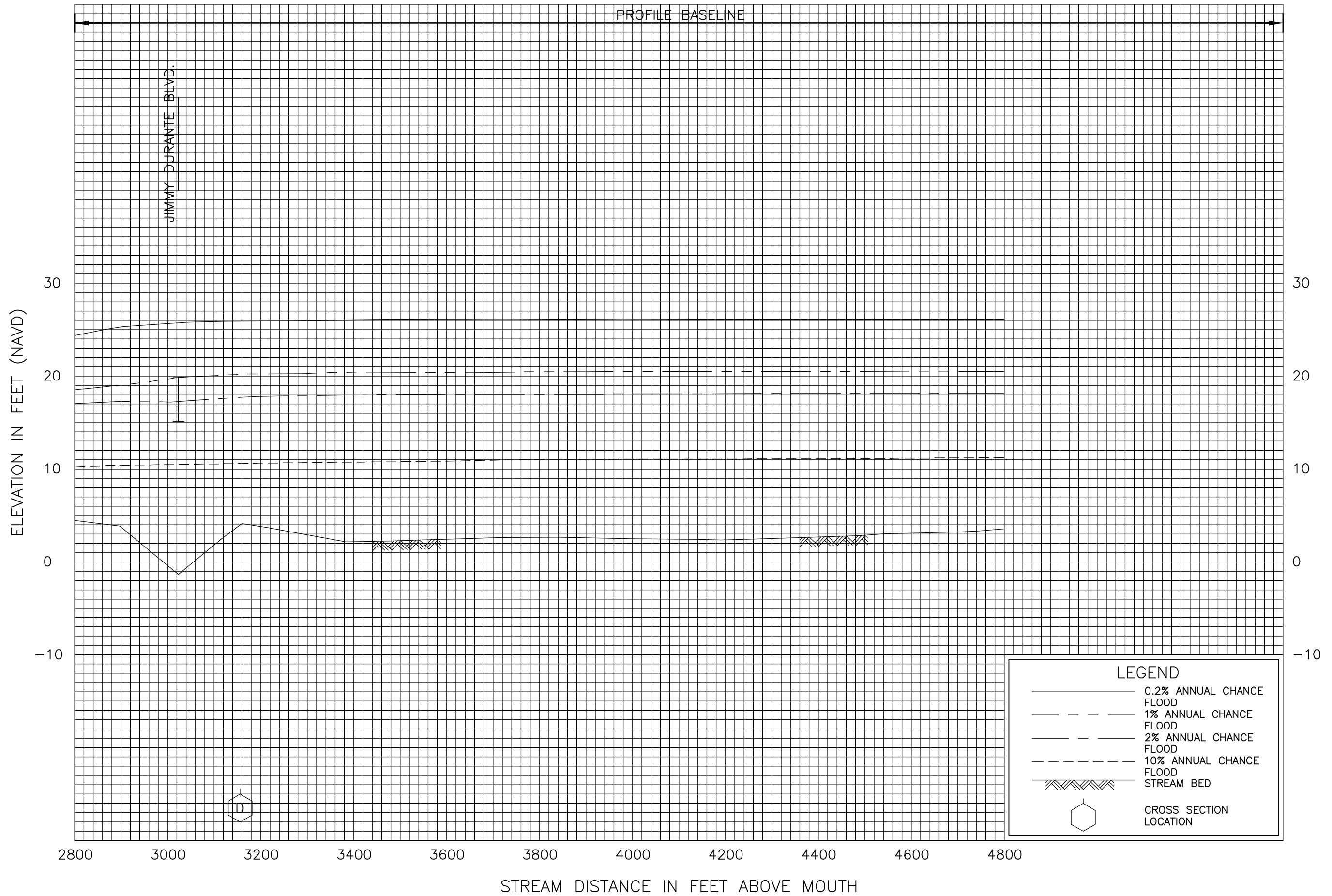
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

\*DATA NOT AVAILABLE



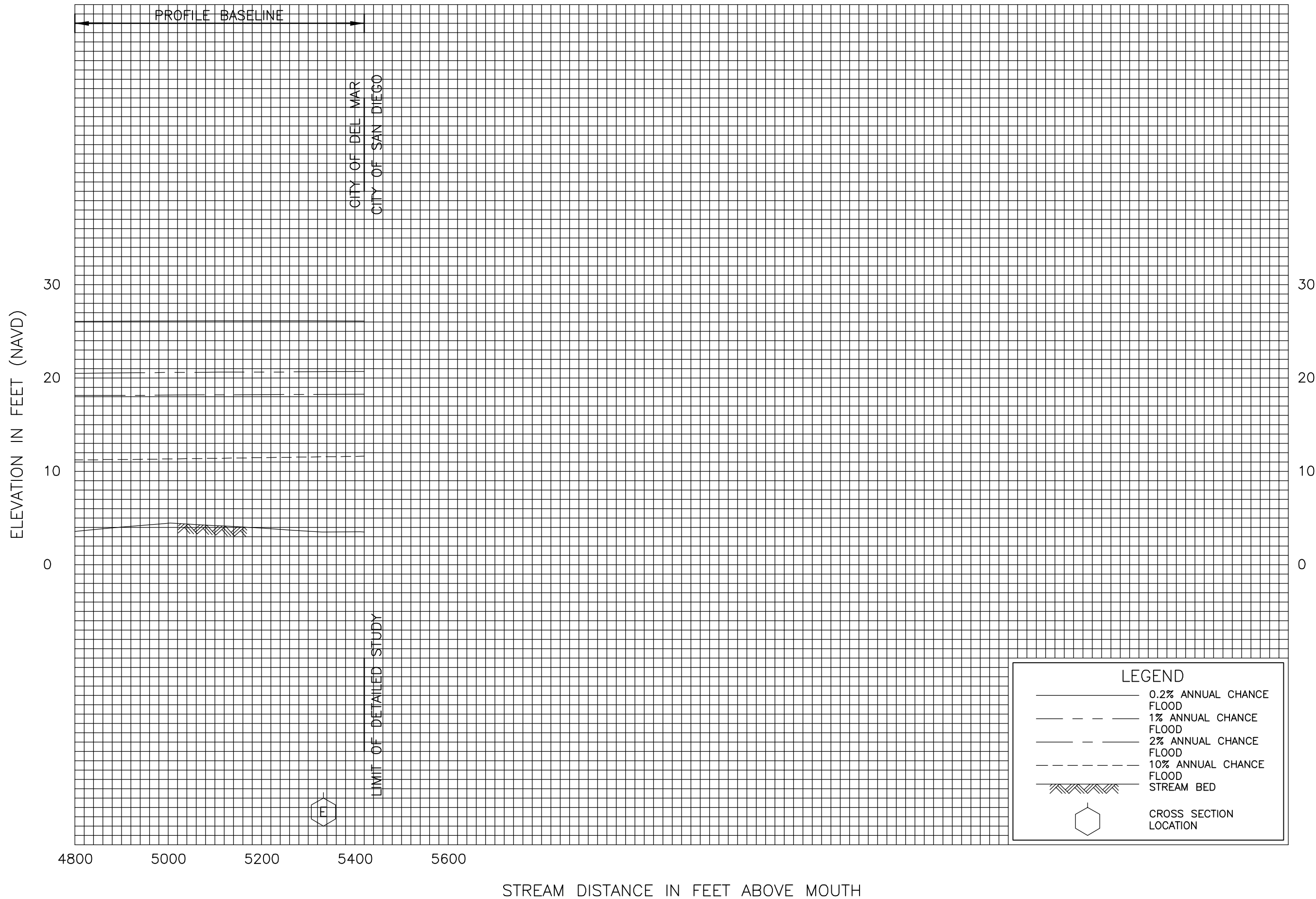
FLOOD PROFILES  
SAN DIEGUITO RIVER

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



FLOOD PROFILES  
SAN DIEGUITO RIVER

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

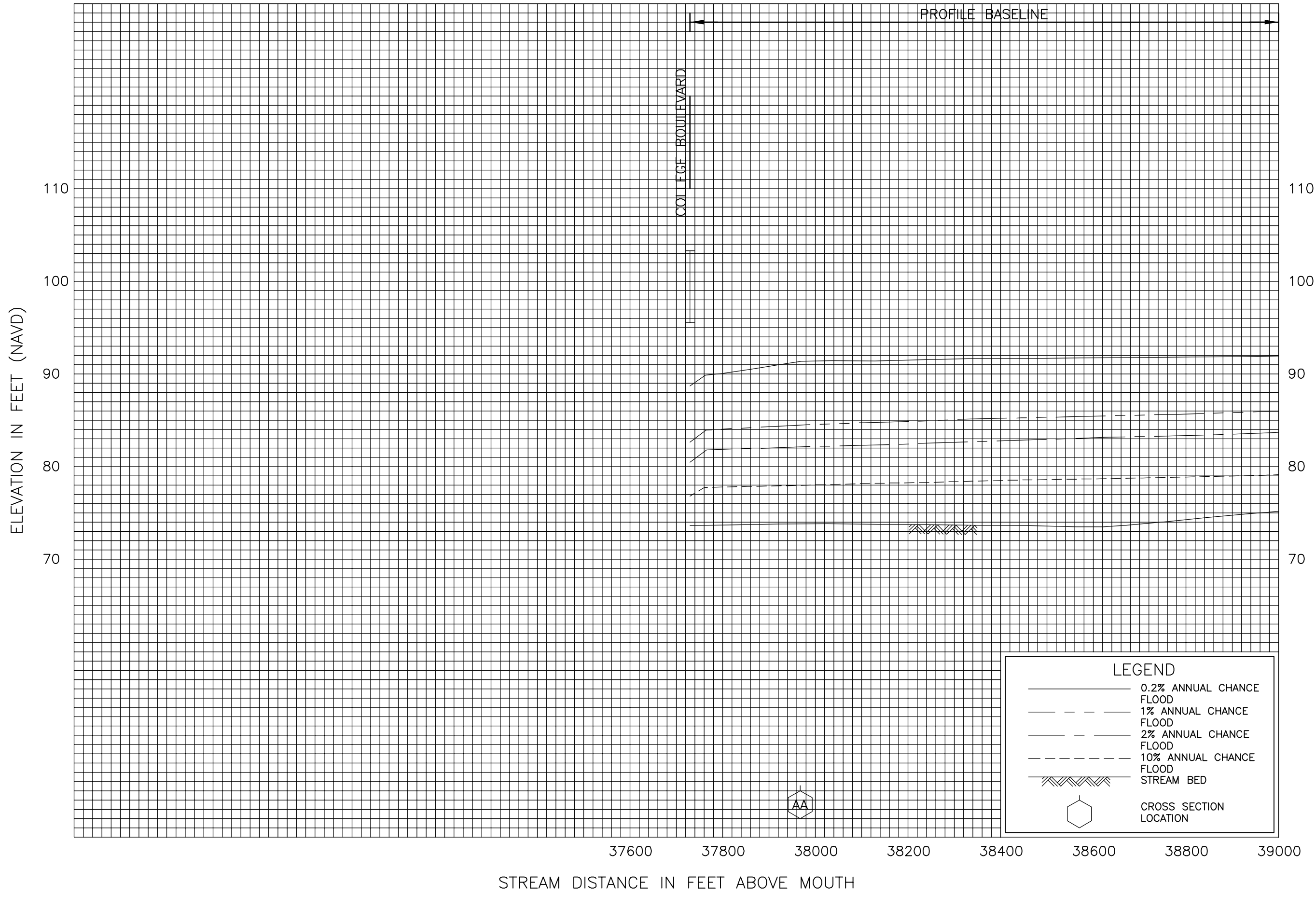


LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
SAN DIEGUITO RIVER

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





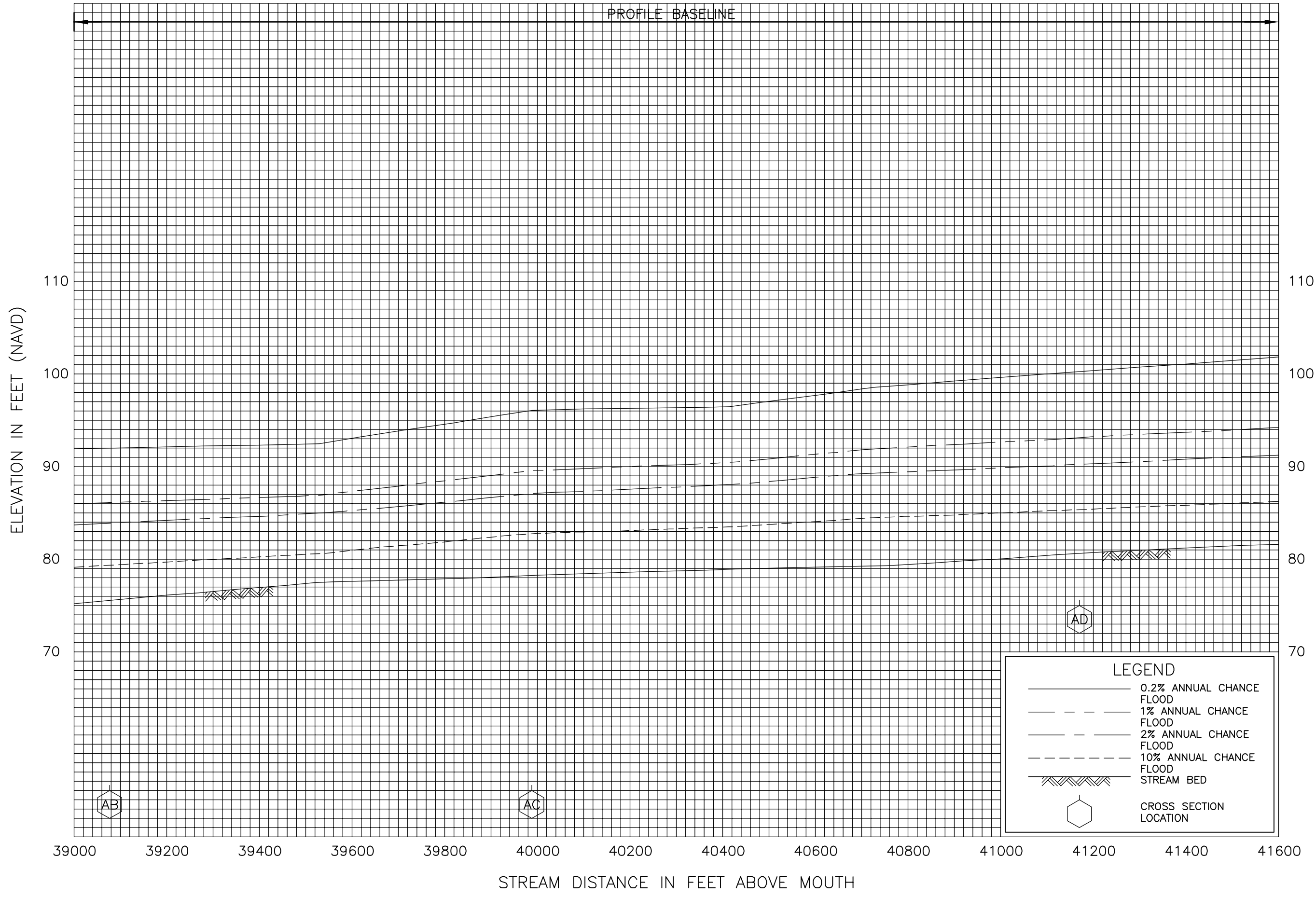
FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



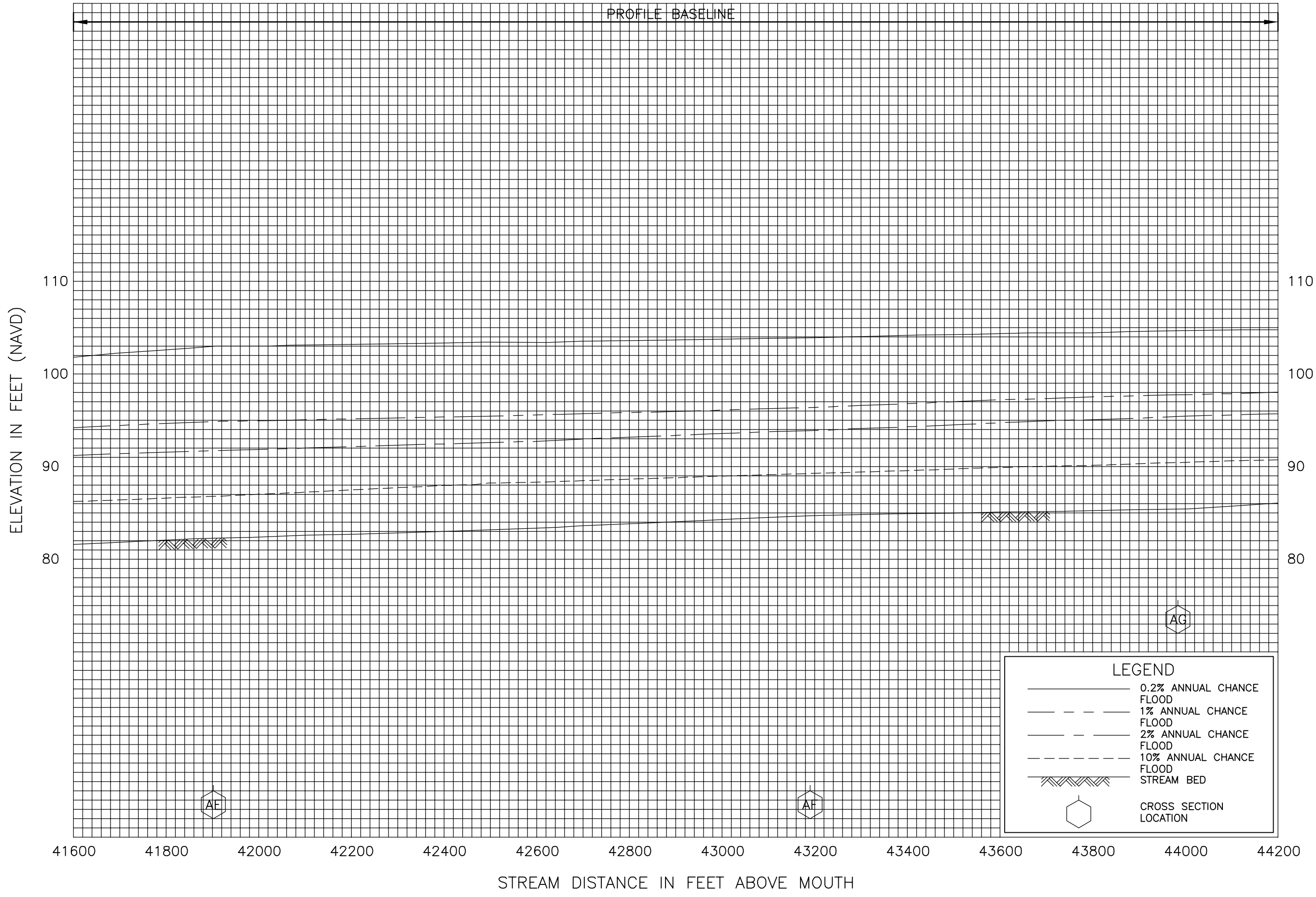


FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

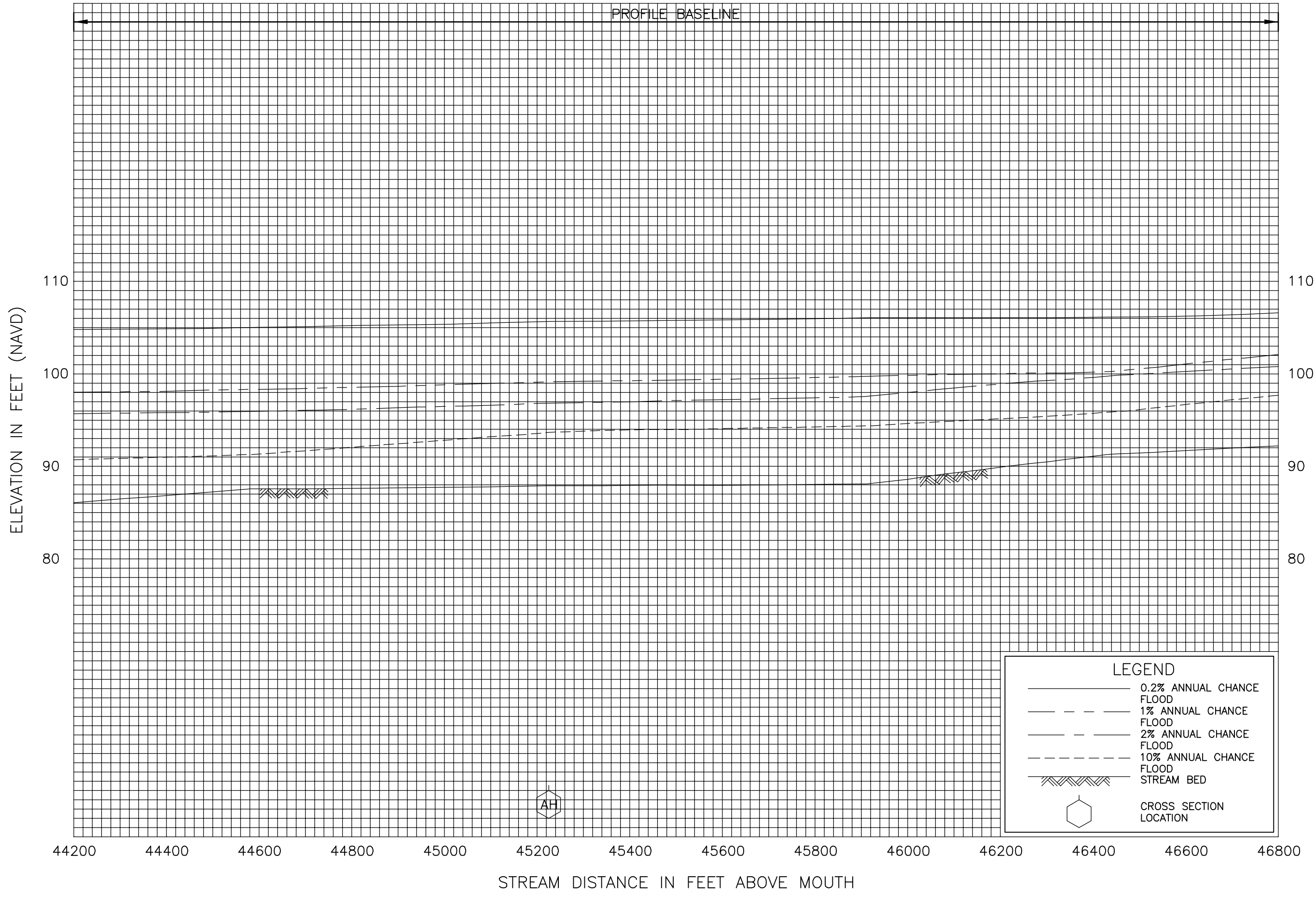
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

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



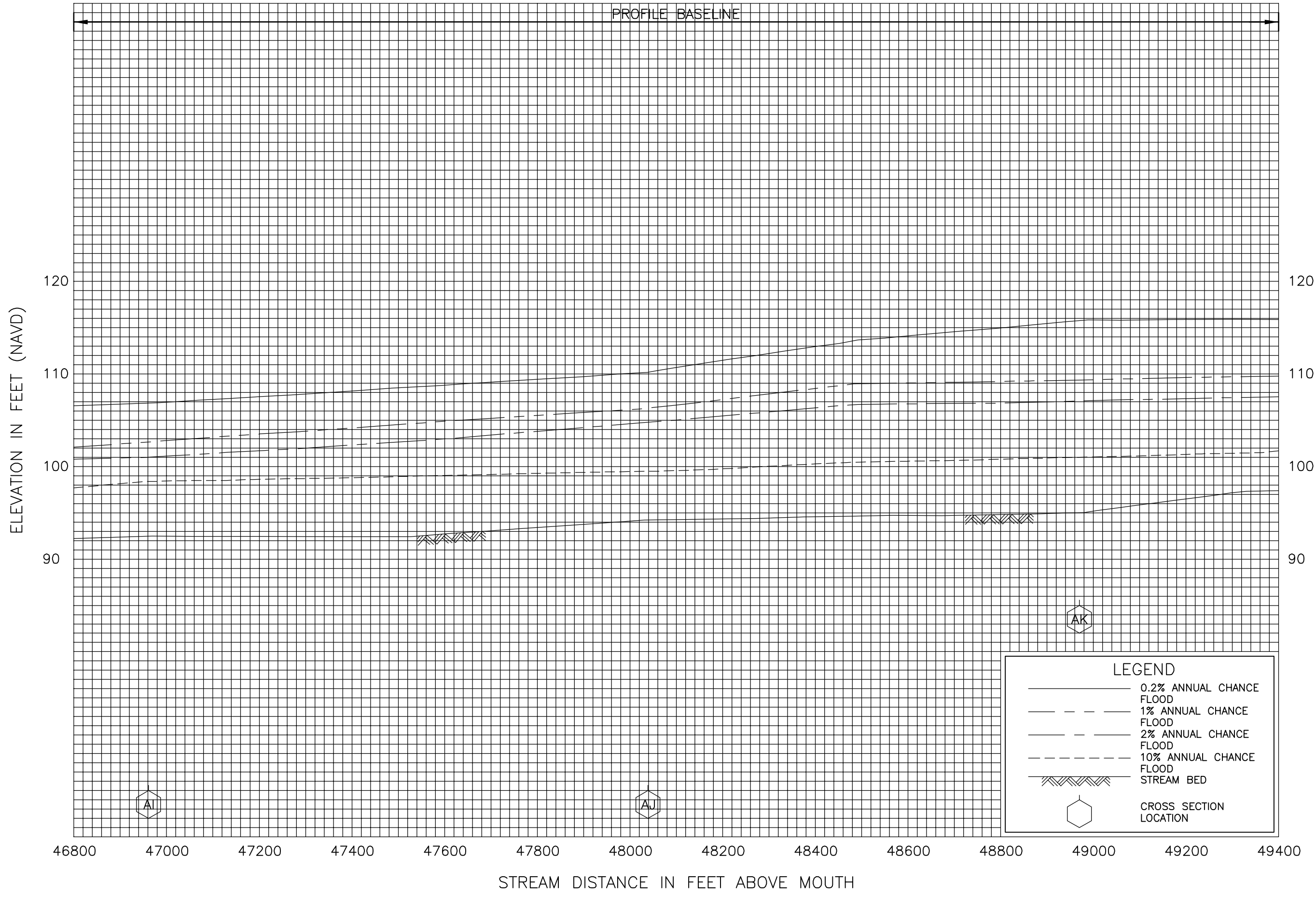
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

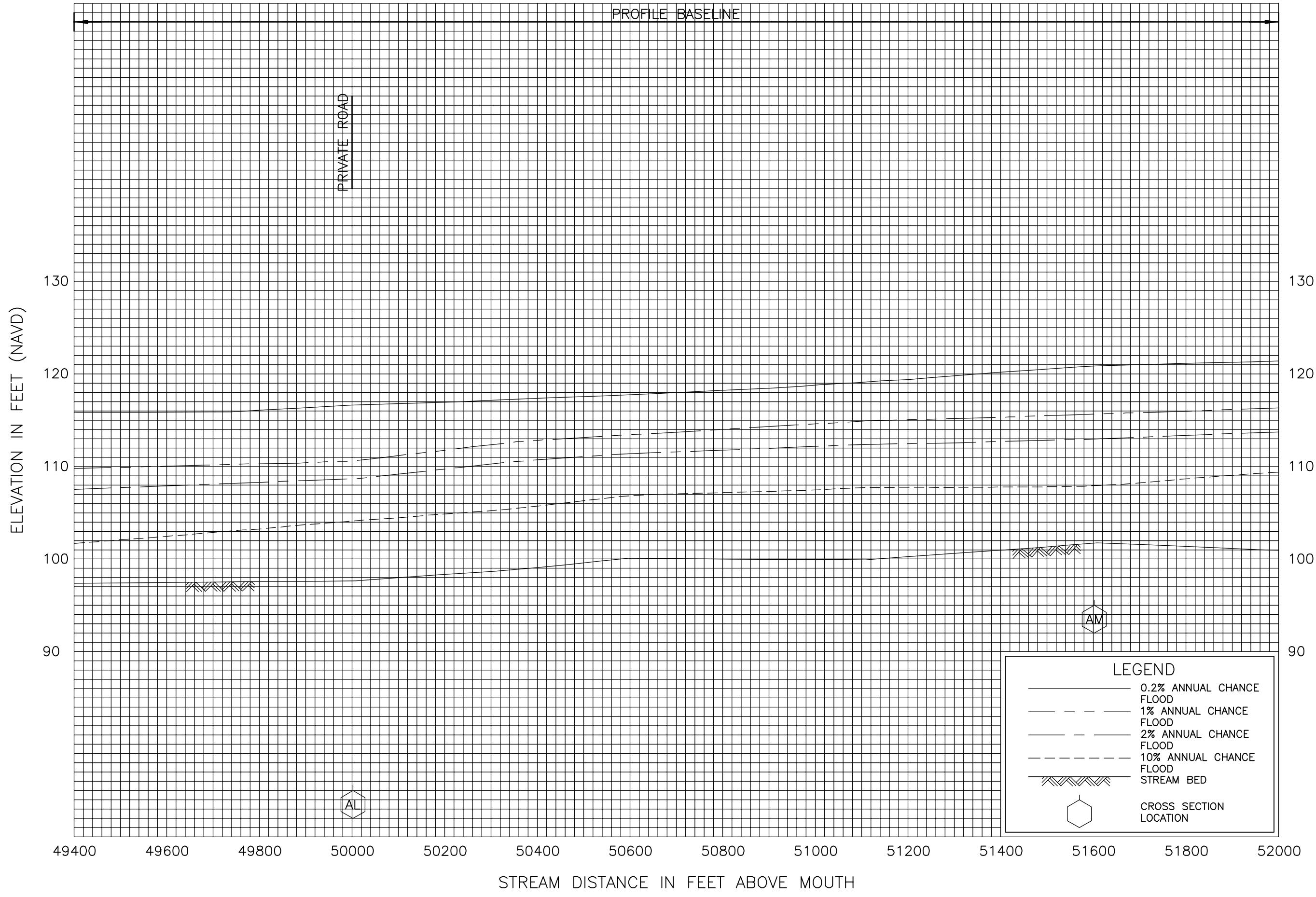
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

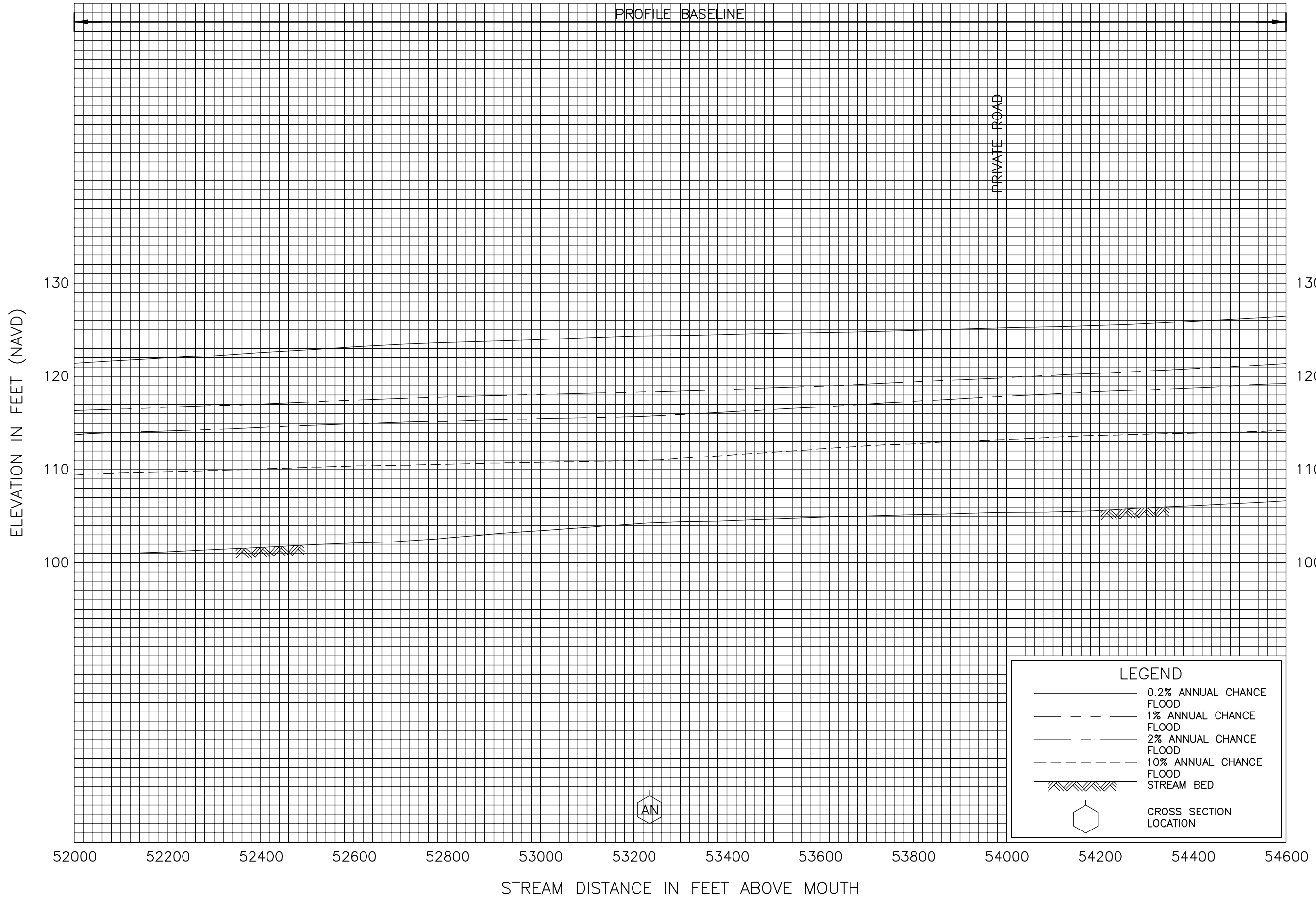
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

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

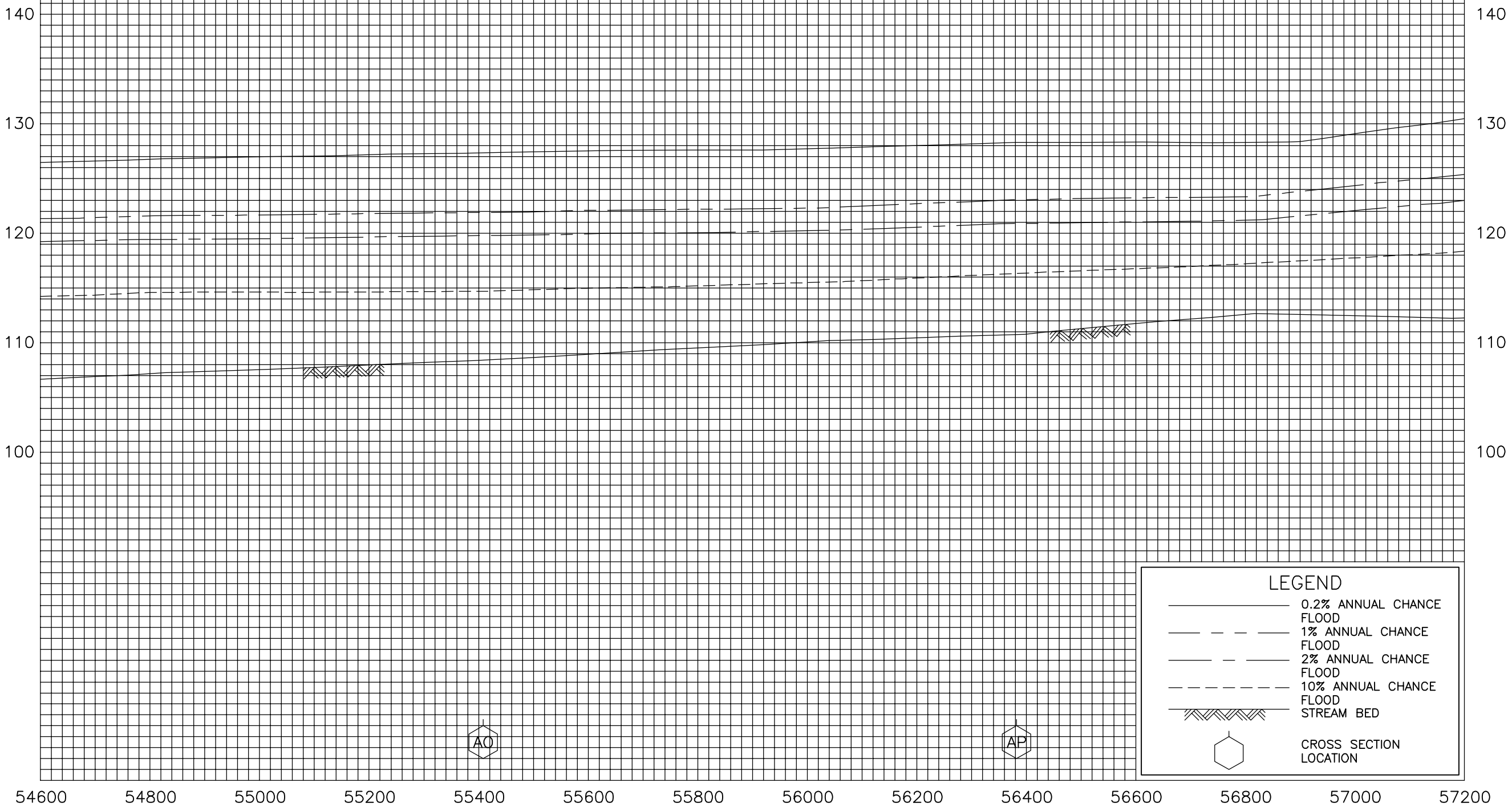


FLOOD PROFILES  
 SAN LUIS REY RIVER (AT OCEANSIDE)

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

PROFILE BASELINE

ELEVATION IN FEET (NAVD)



STREAM DISTANCE IN FEET ABOVE MOUTH

**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- FLOOD STREAM BED
- CROSS SECTION LOCATION

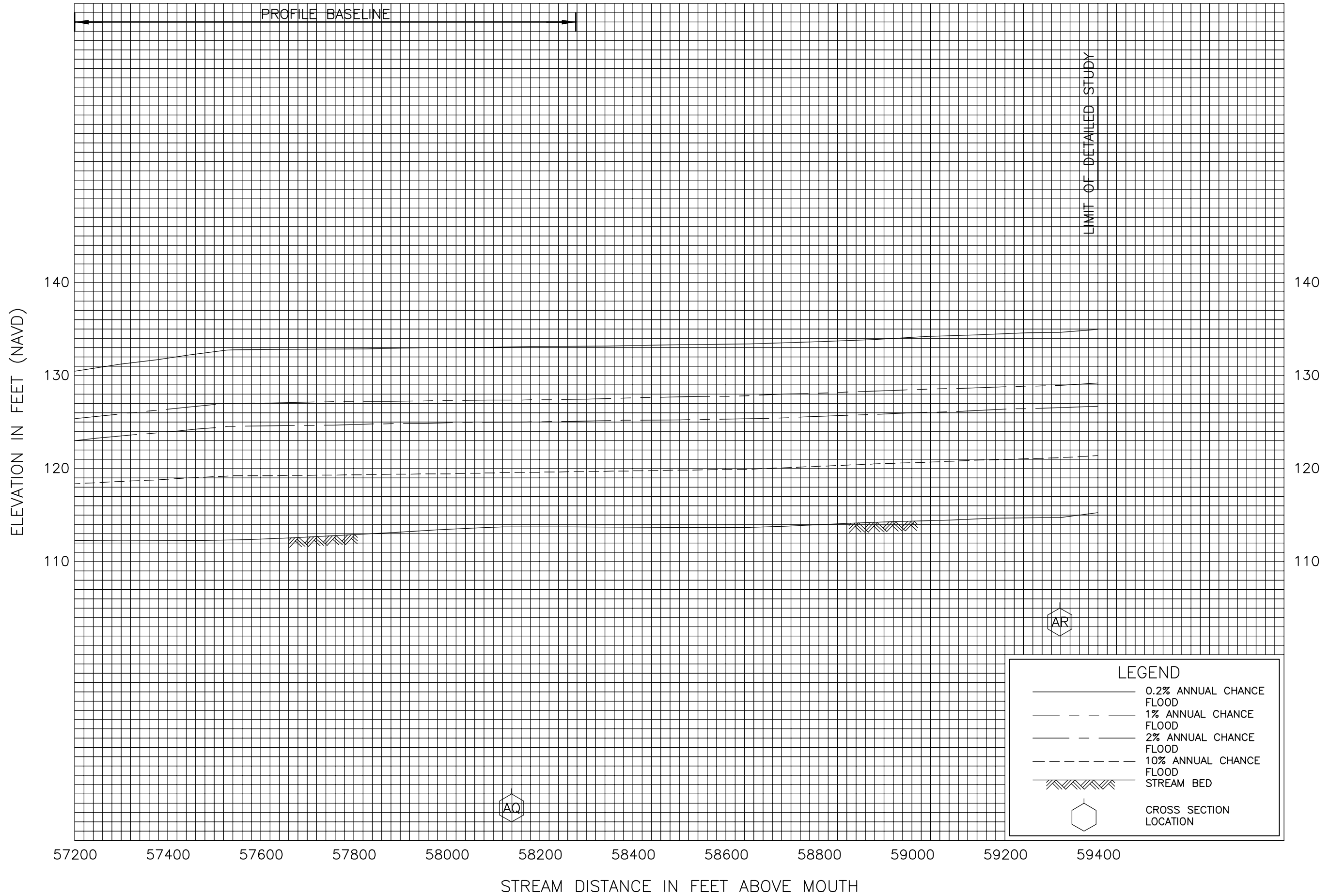
FLOOD PROFILES

SAN LUIS REY RIVER (AT OCEANSIDE)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

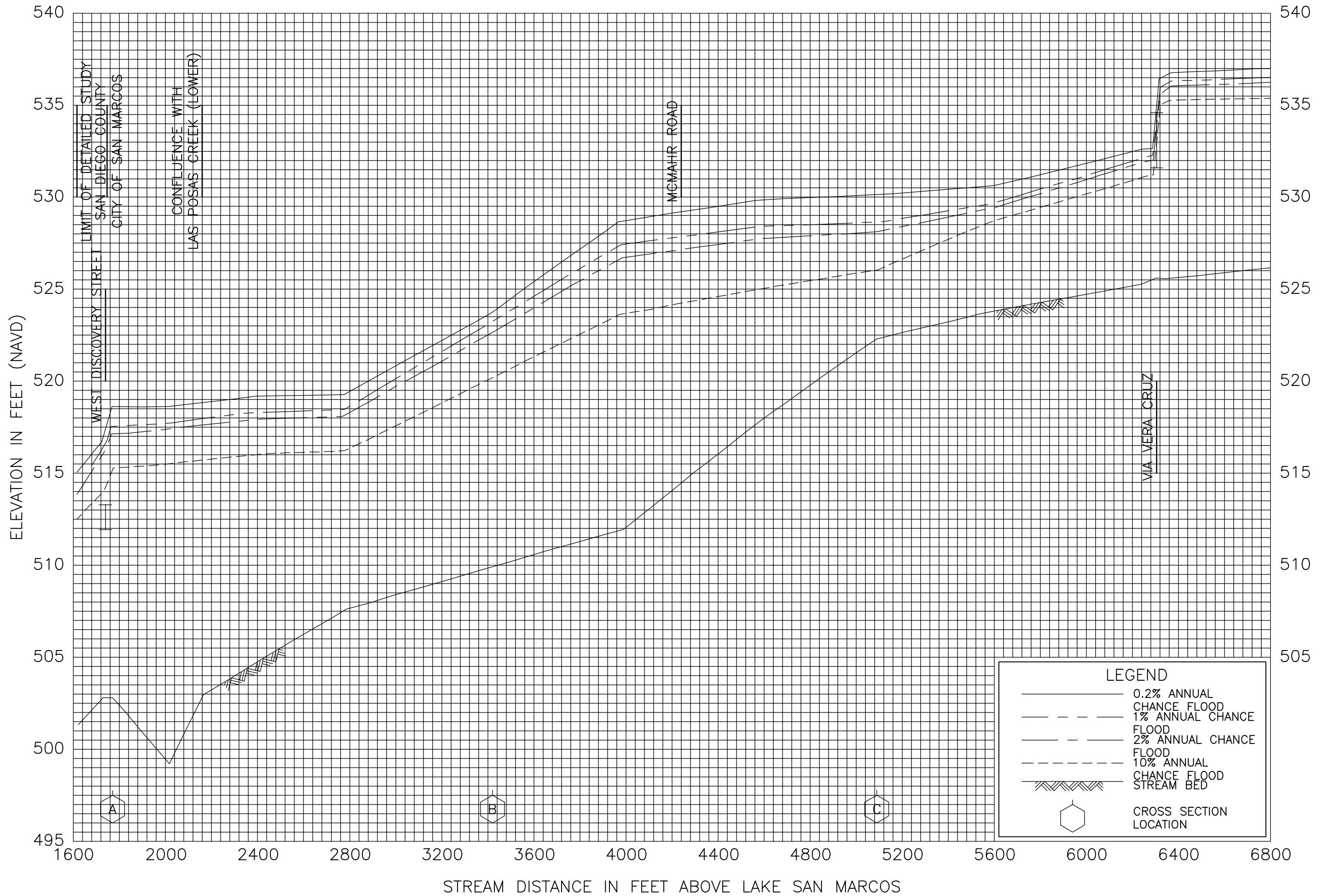
390P



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

FLOOD PROFILES  
 SAN LUIS REY RIVER (AT OCEANSIDE)

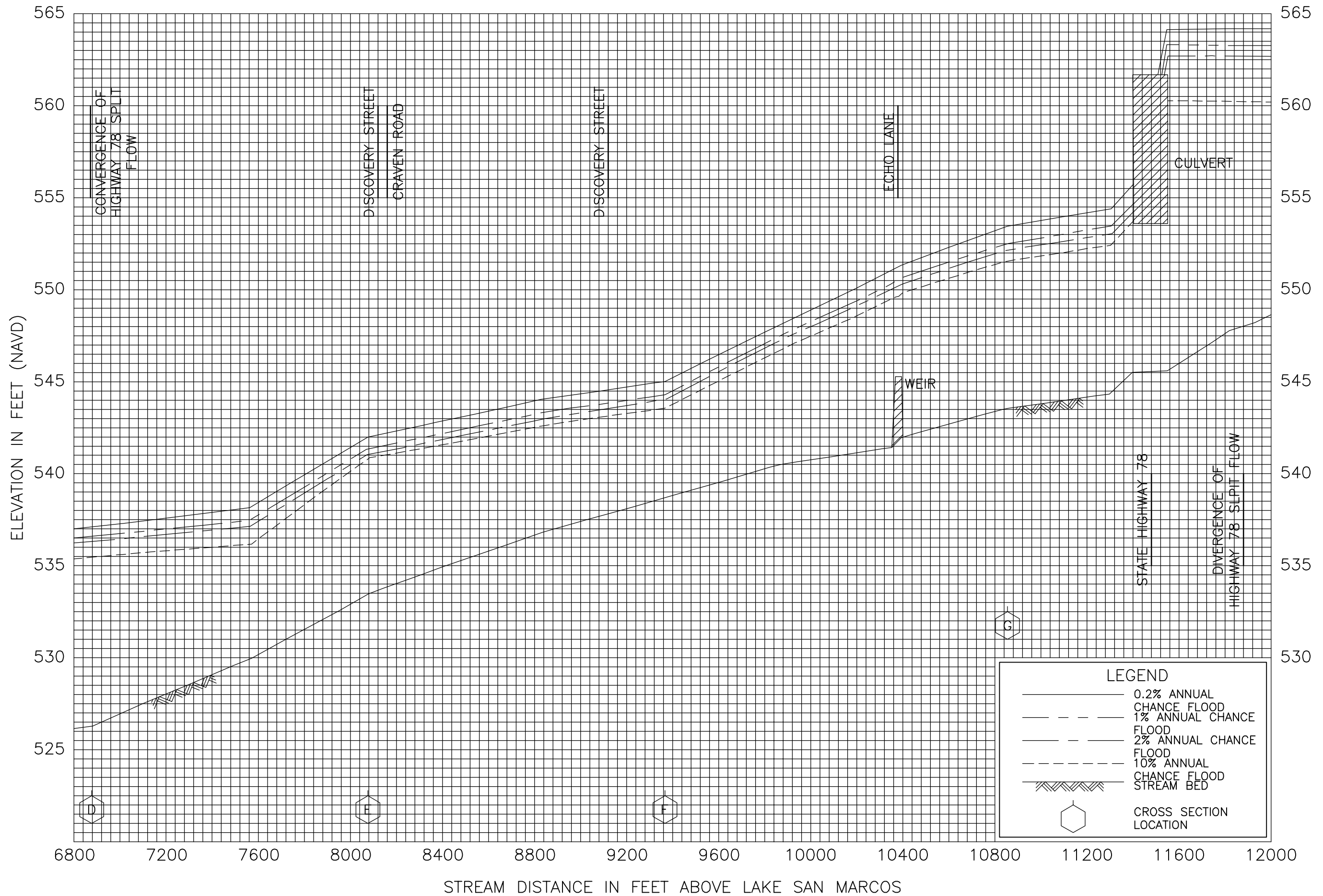




FLOOD PROFILES

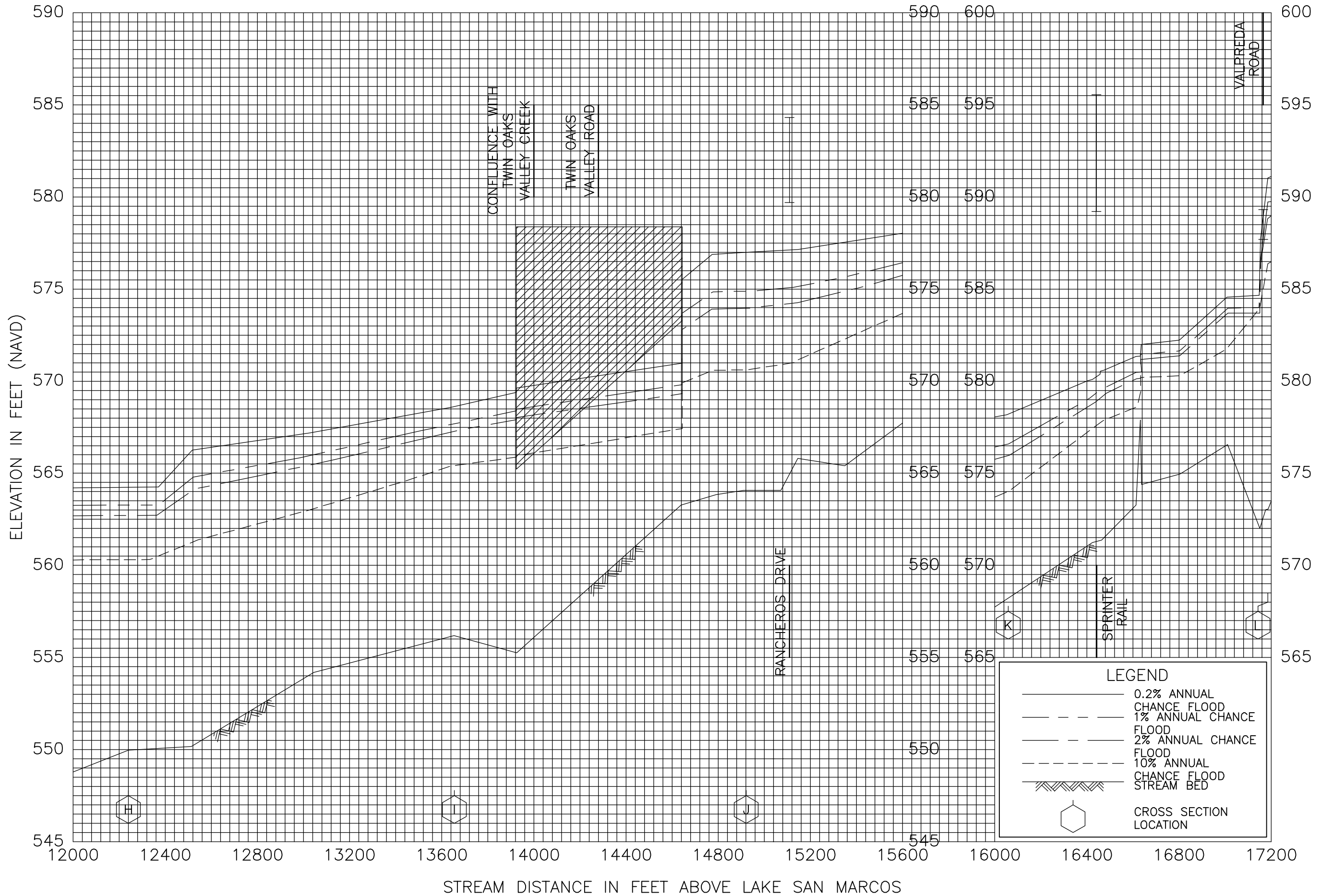
SAN MARCOS CREEK

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



FLOOD PROFILES  
SAN MARCOS CREEK

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

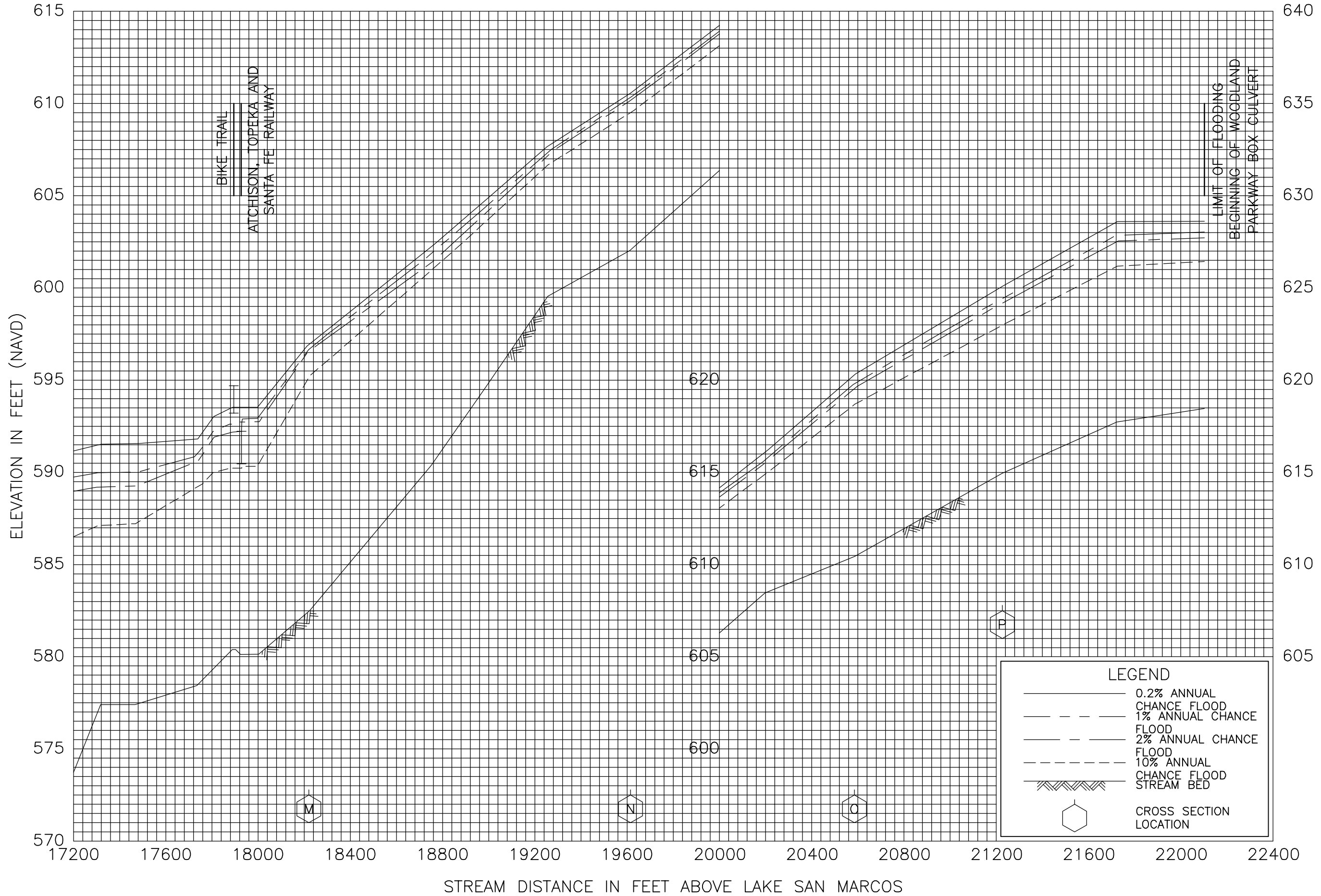


FLOOD PROFILES

SAN MARCOS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

SAN MARCOS CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



\*DATA NOT AVAILABLE

FLOOD PROFILES  
 SAN MARCOS CREEK  
 (BELOW LAKE SAN MARCOS)

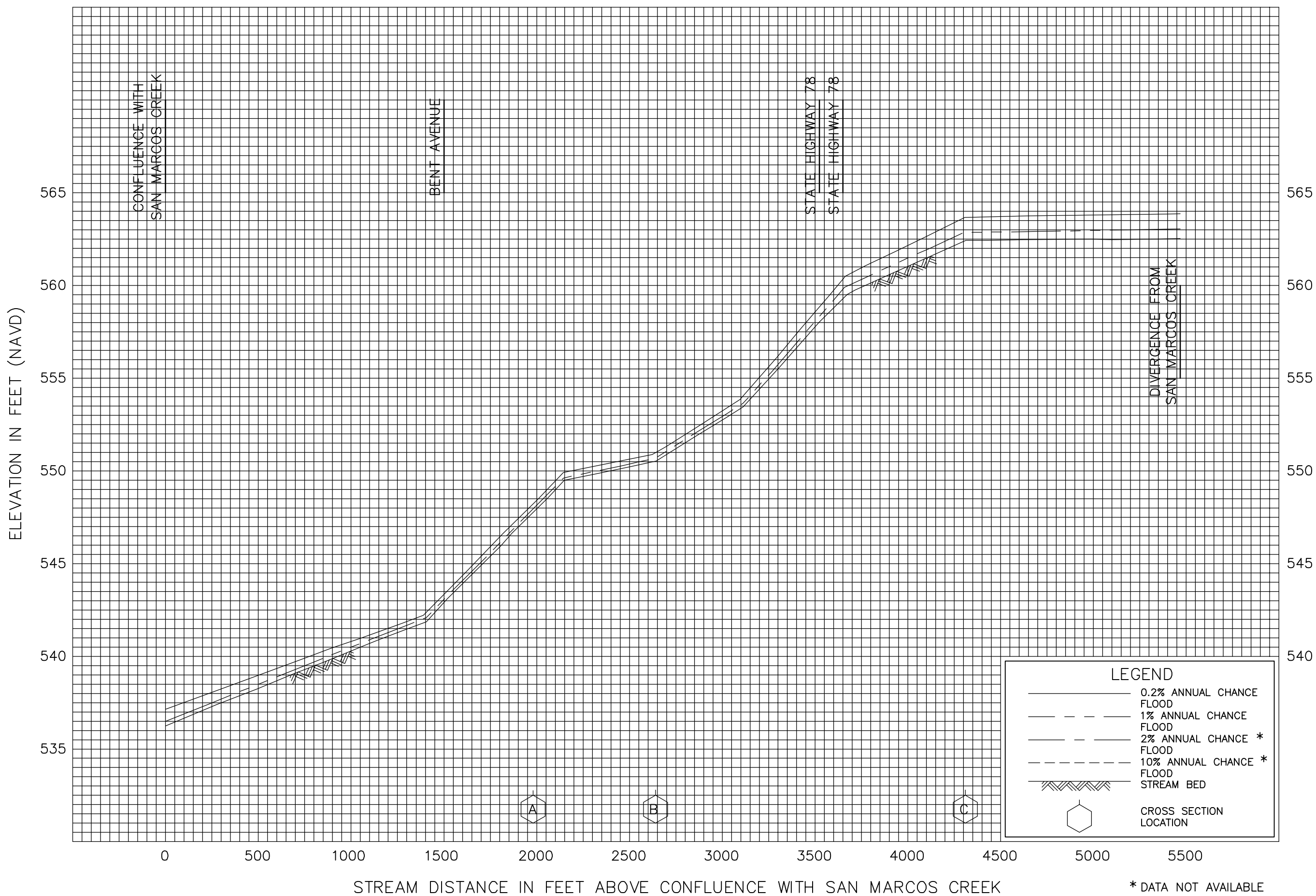
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



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

FLOOD PROFILES  
 SAN MARCOS CREEK  
 (BELOW LAKE SAN MARCOS)

\*DATA NOT AVAILABLE

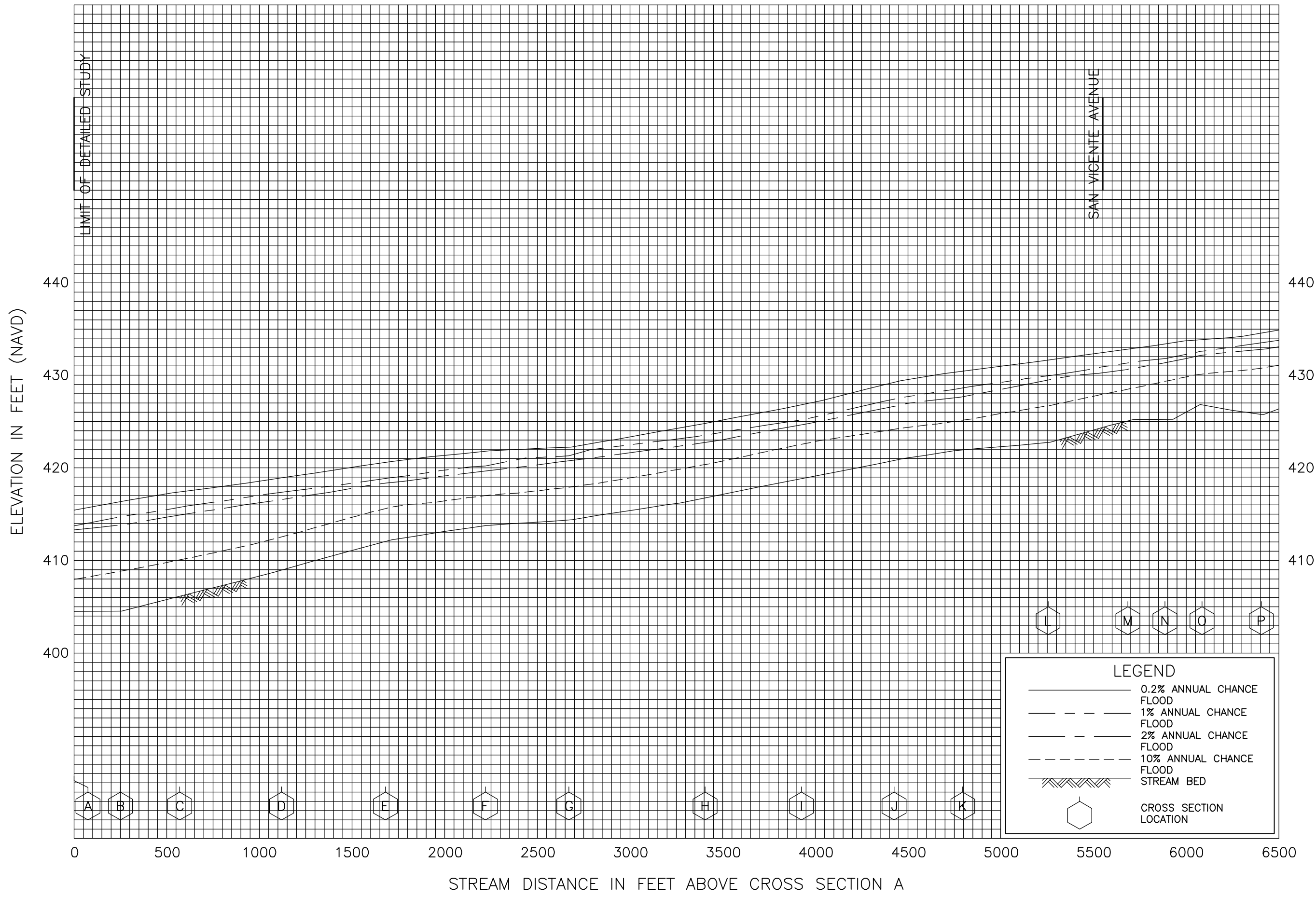


FLOOD PROFILES

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

SAN MARCOS CREEK – HIGHWAY 78 SPLIT FLOW

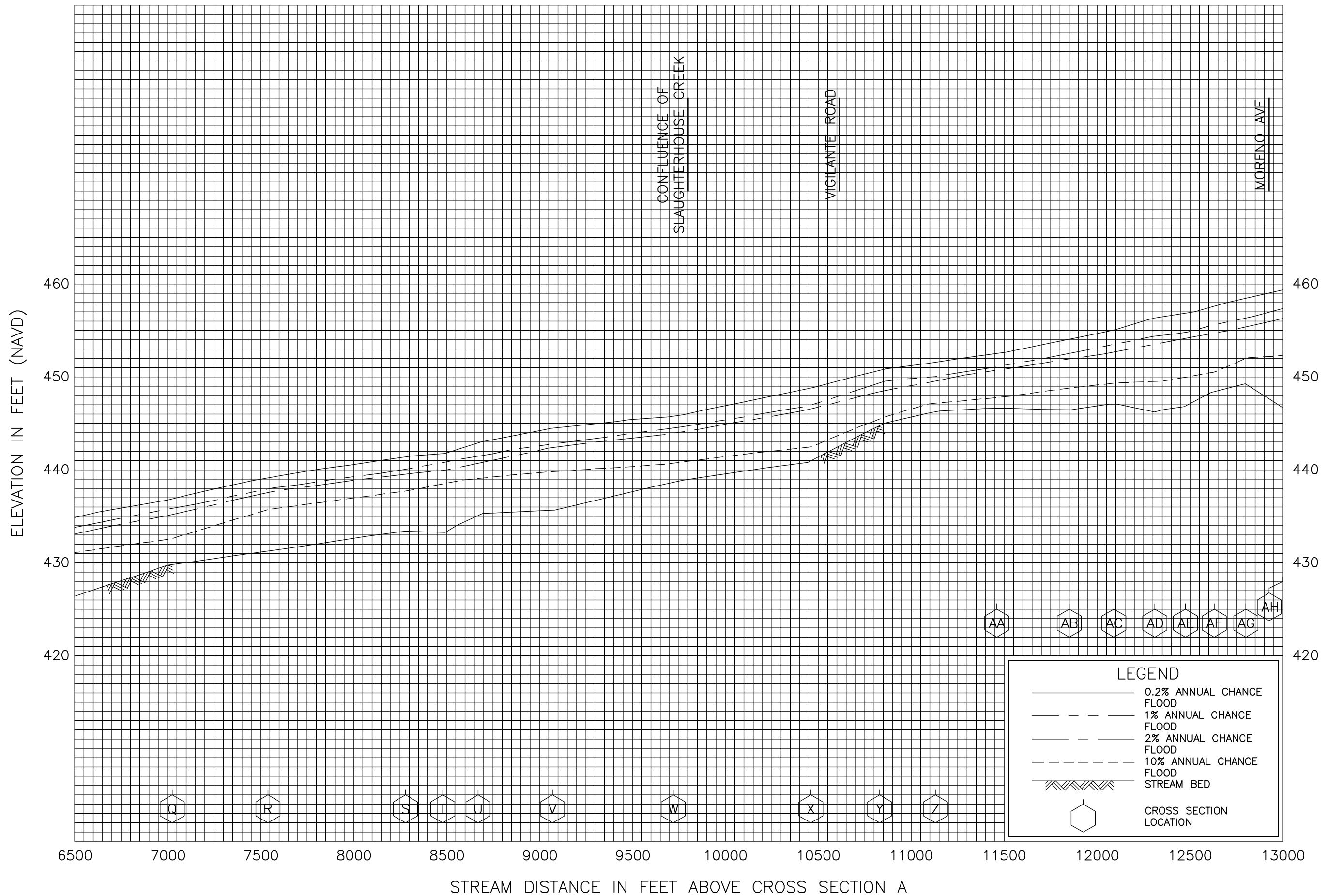
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FLOOD PROFILES  
SAN VICENTE CREEK

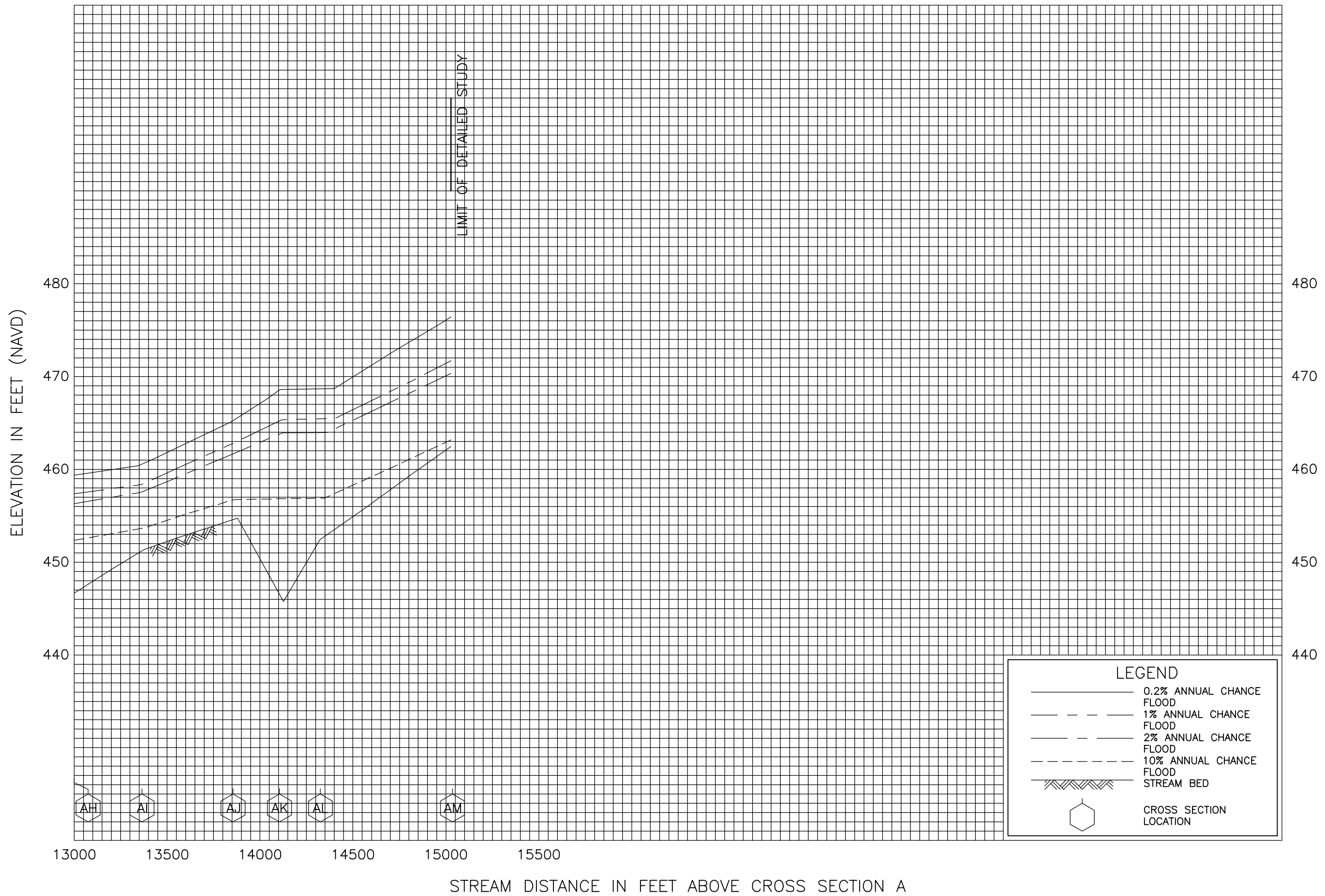
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





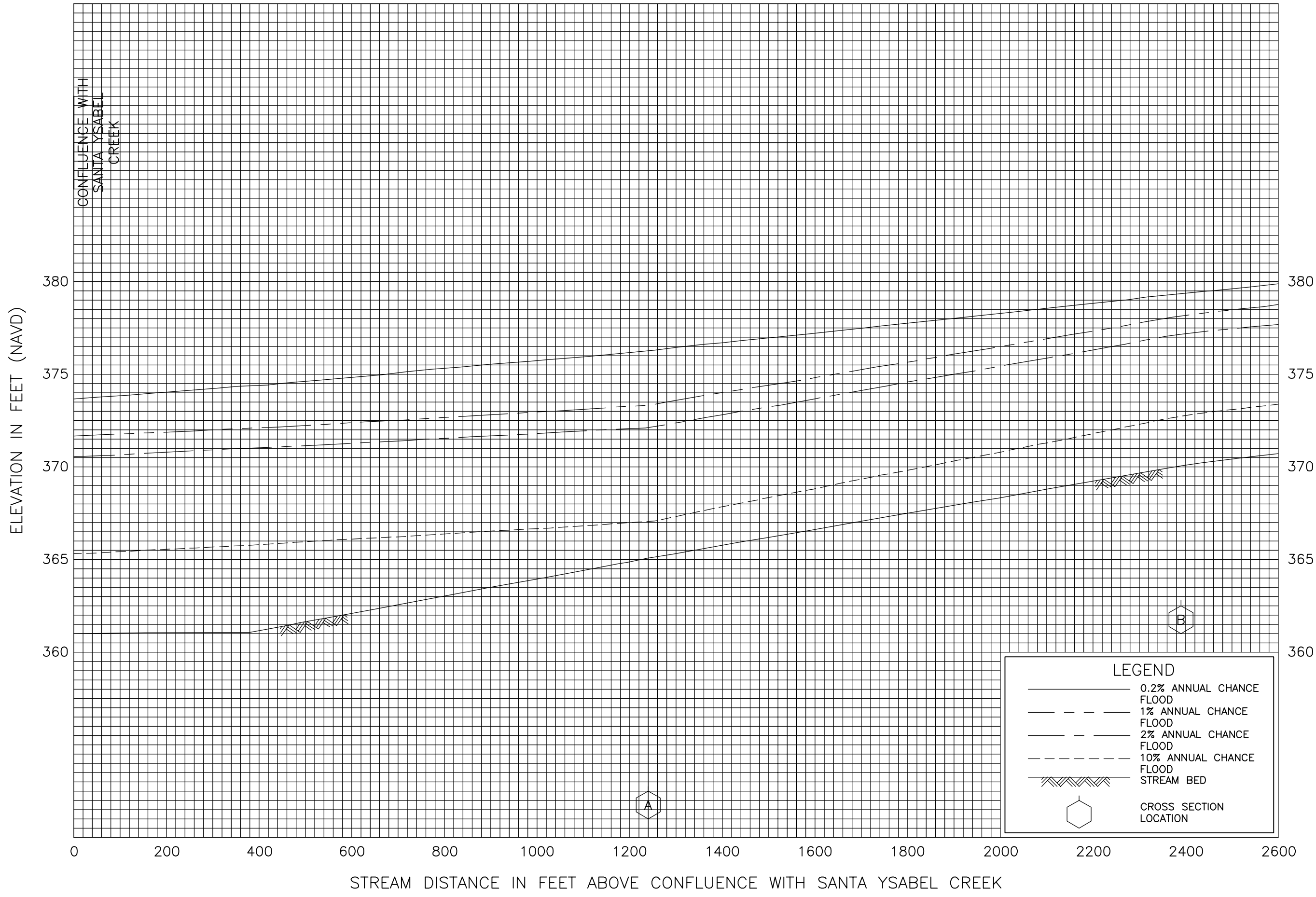
FLOOD PROFILES  
SAN VICENTE CREEK

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



FLOOD PROFILES  
SAN VICENTE CREEK

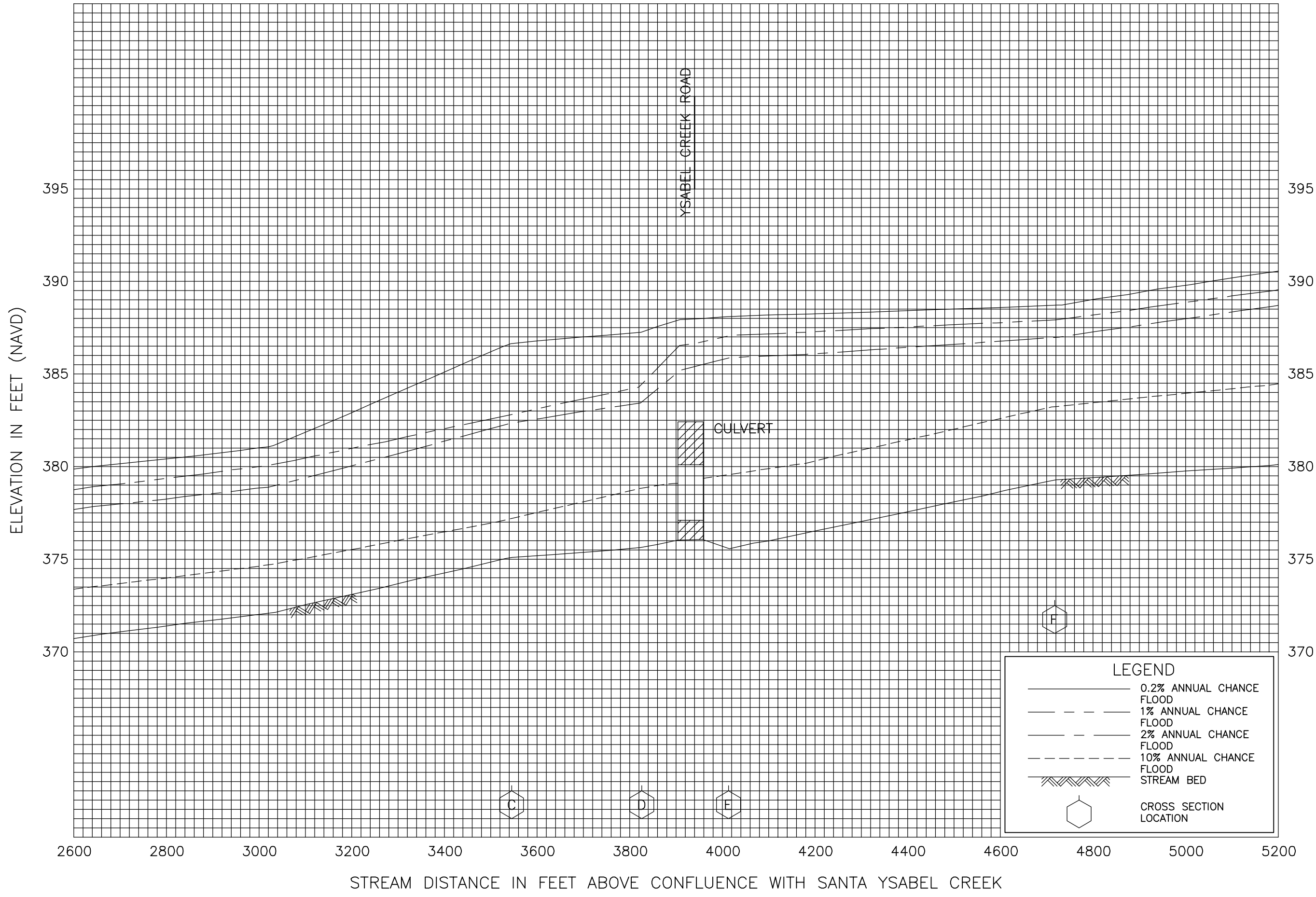
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SAN PASQUAL VALLEY AREA)

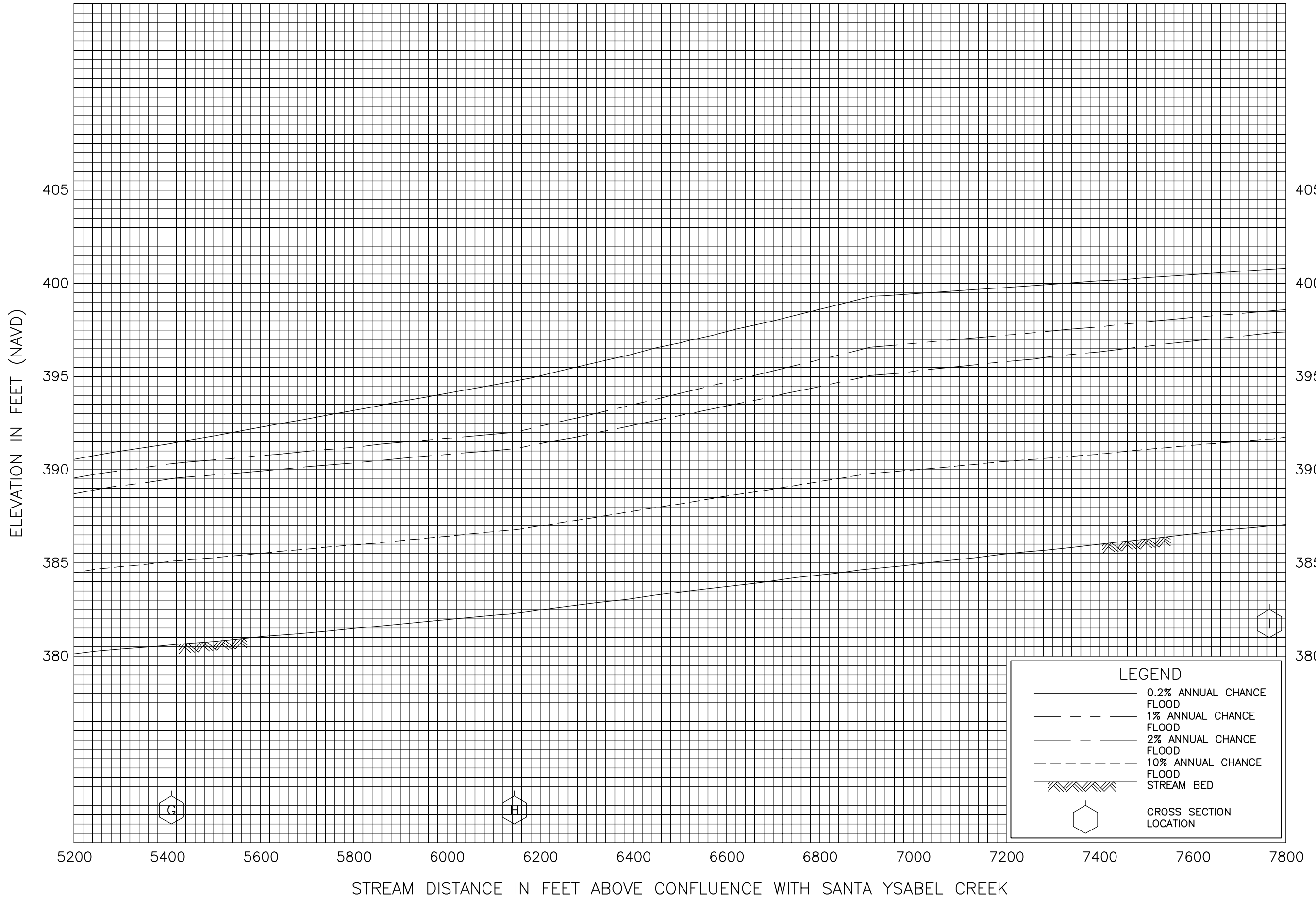
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SAN PASQUAL VALLEY AREA)

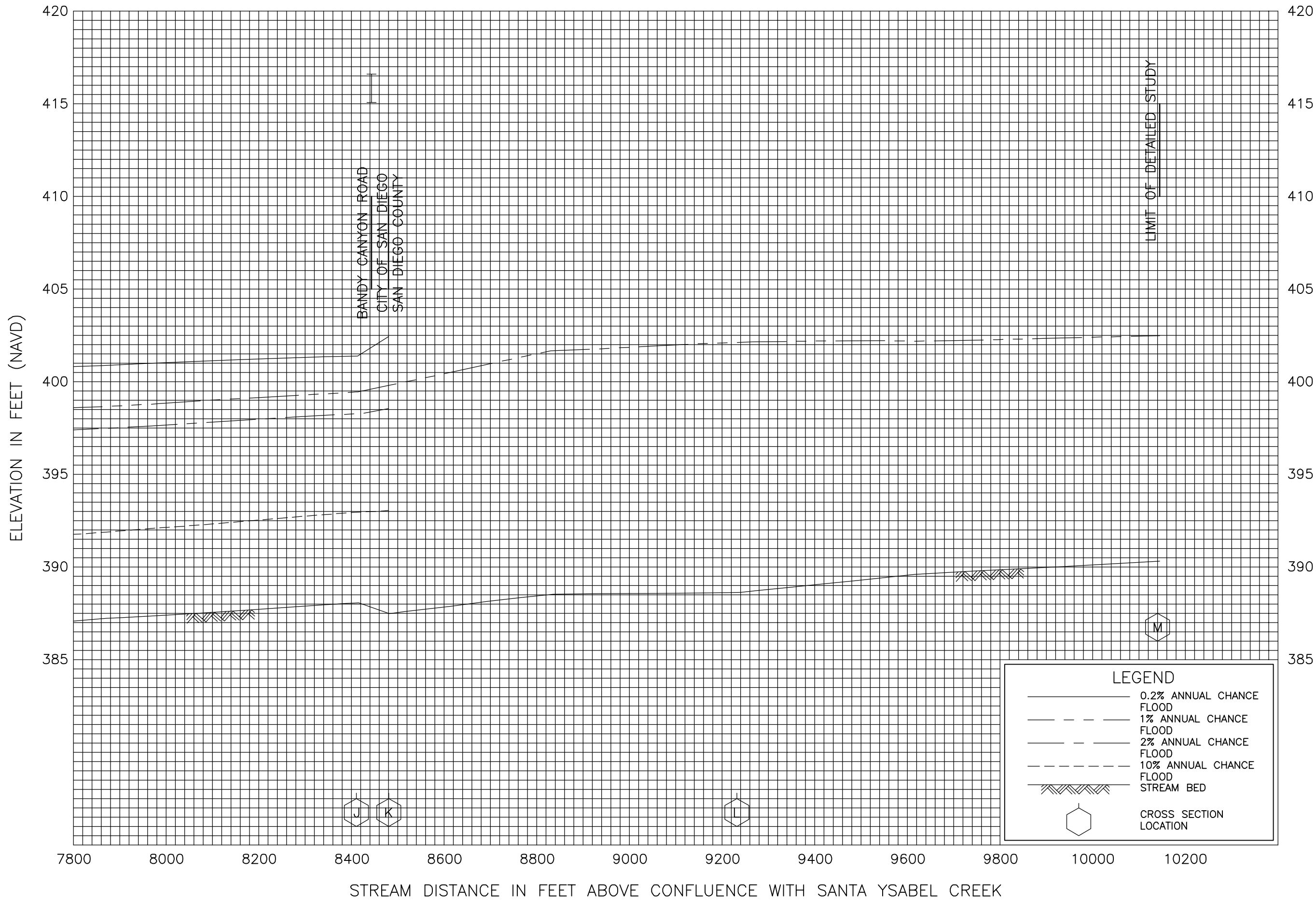
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SAN PASQUAL VALLEY AREA)

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



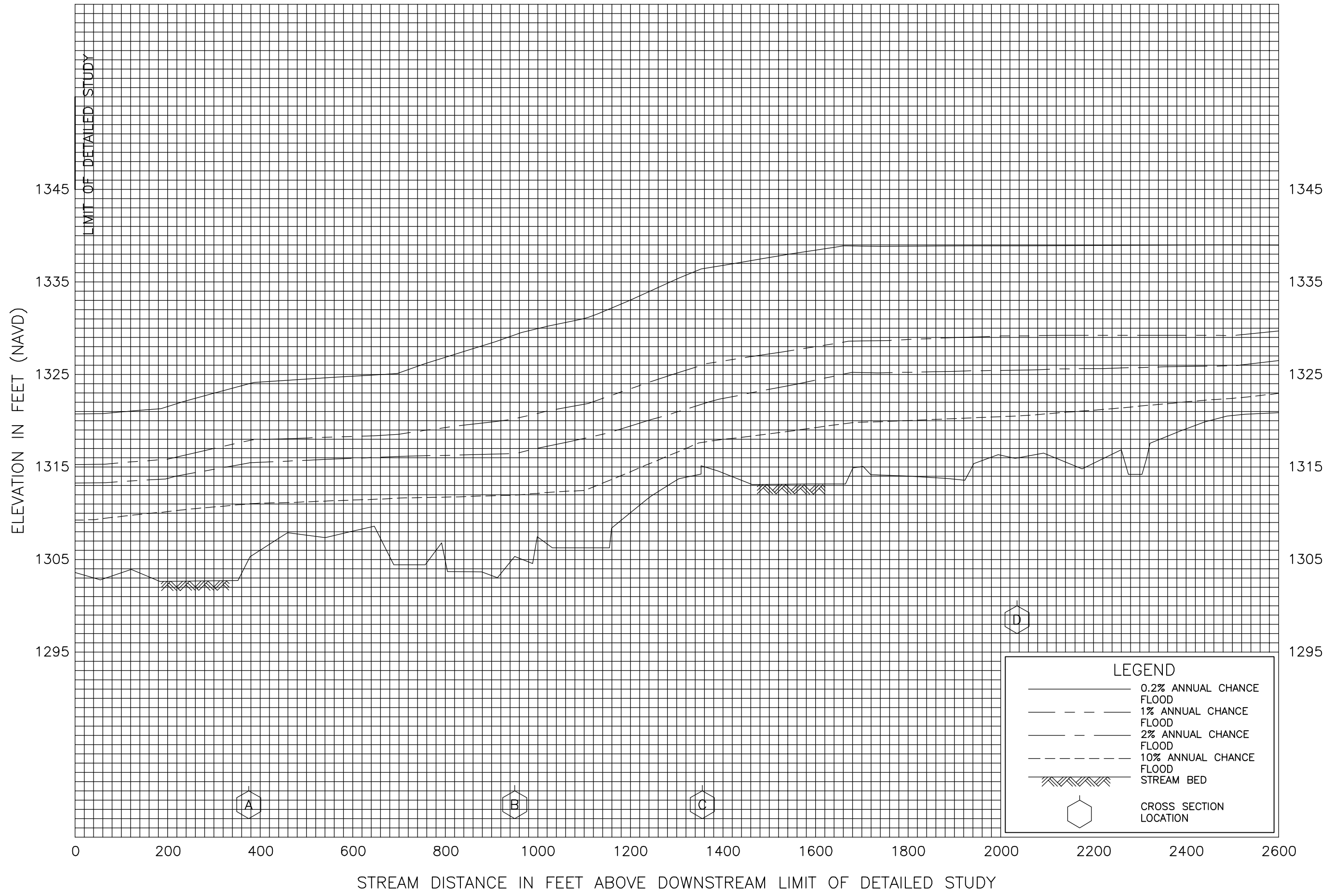
**LEGEND**

- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- . - 2% ANNUAL CHANCE FLOOD
- - - - 10% ANNUAL CHANCE FLOOD
- /// STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES

SANTA MARIA CREEK (SAN PASQUAL VALLEY AREA)

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

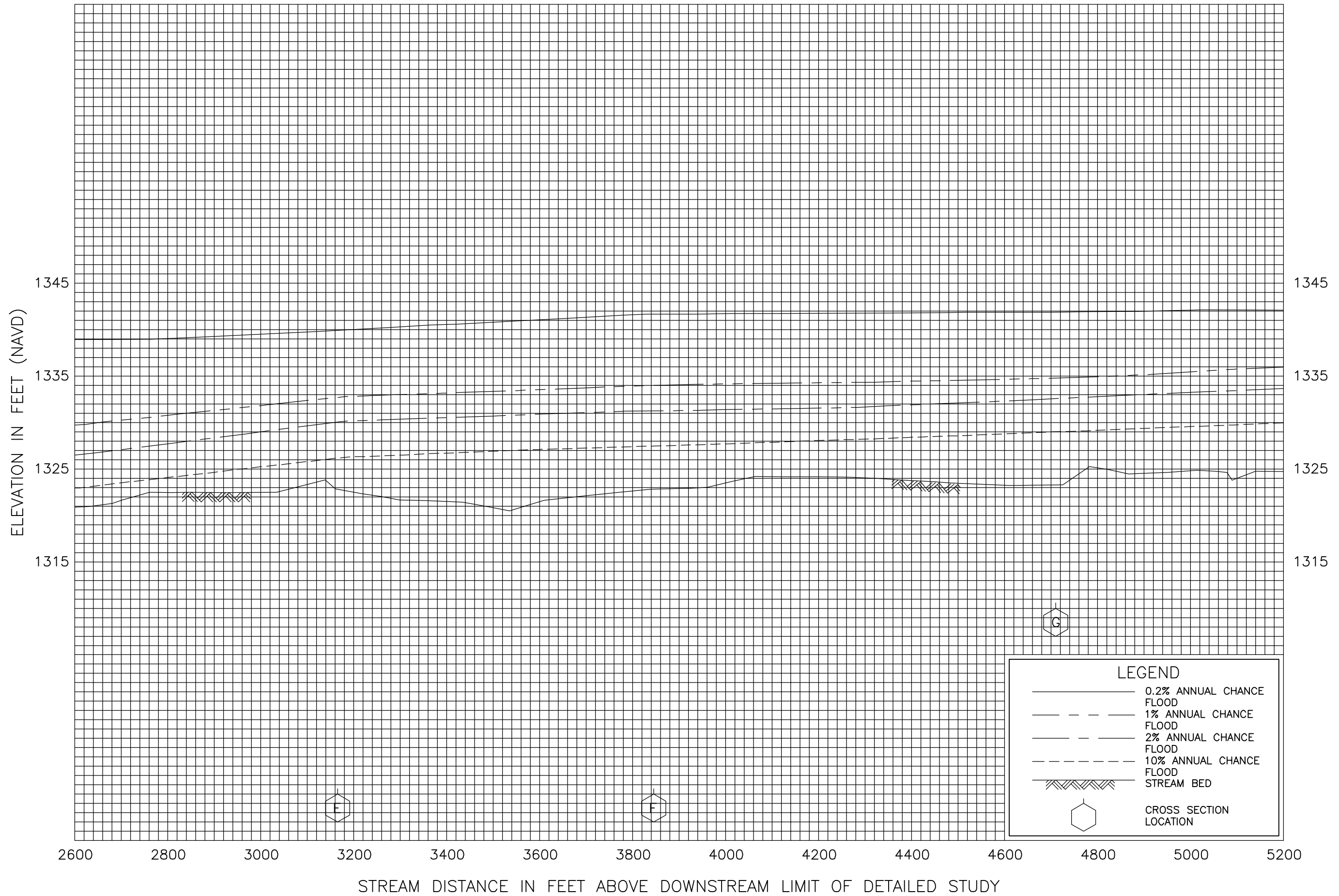


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

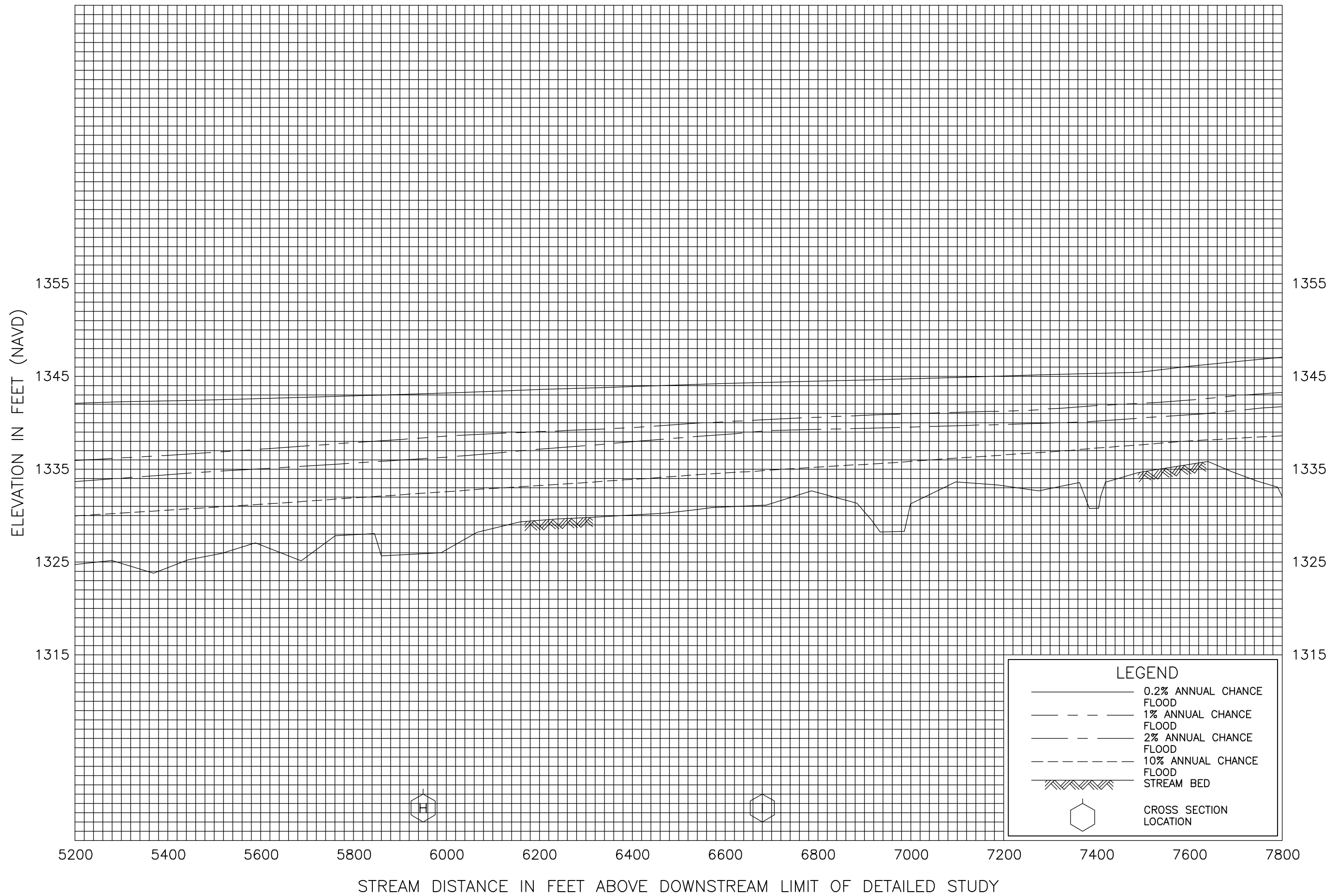


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

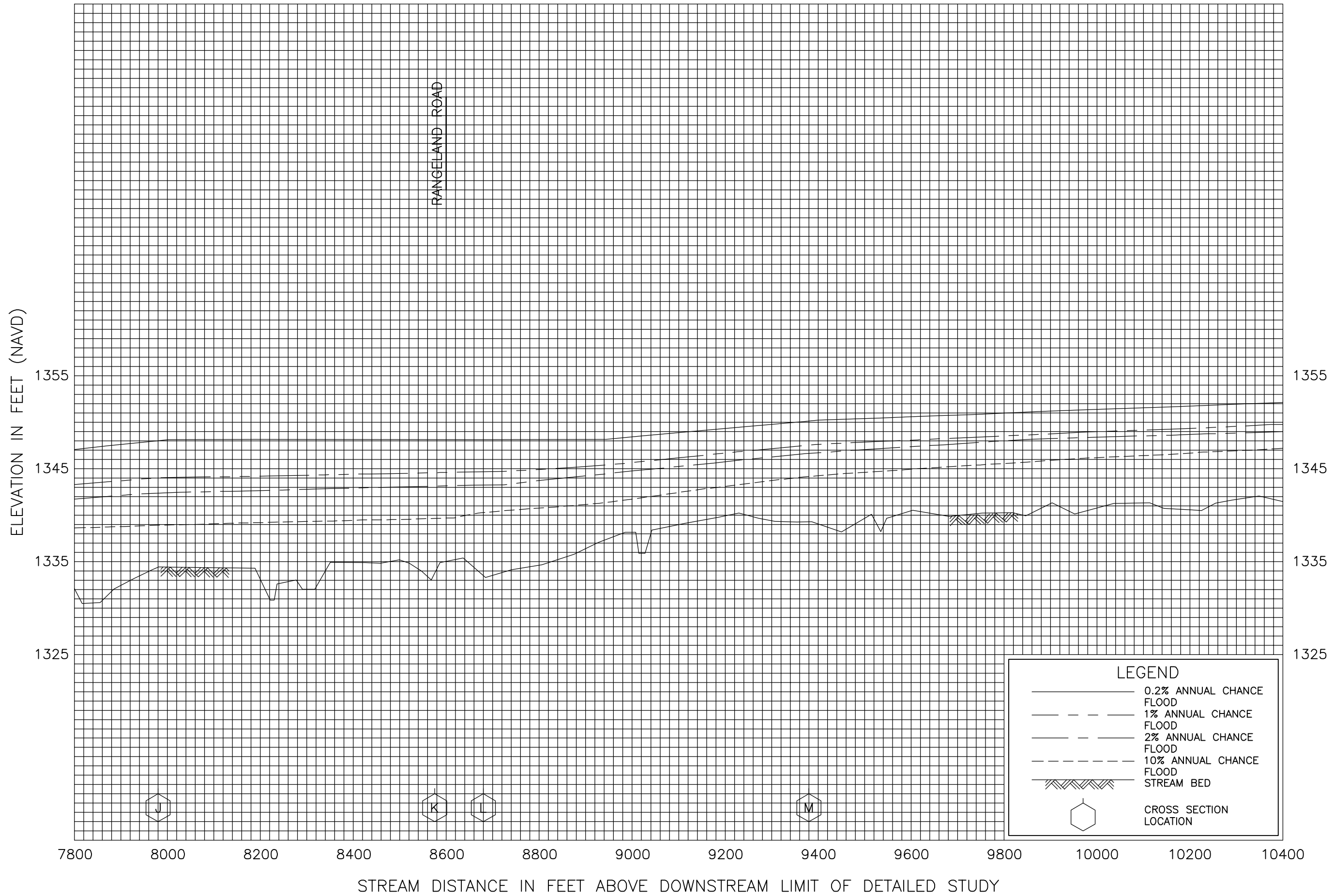




FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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



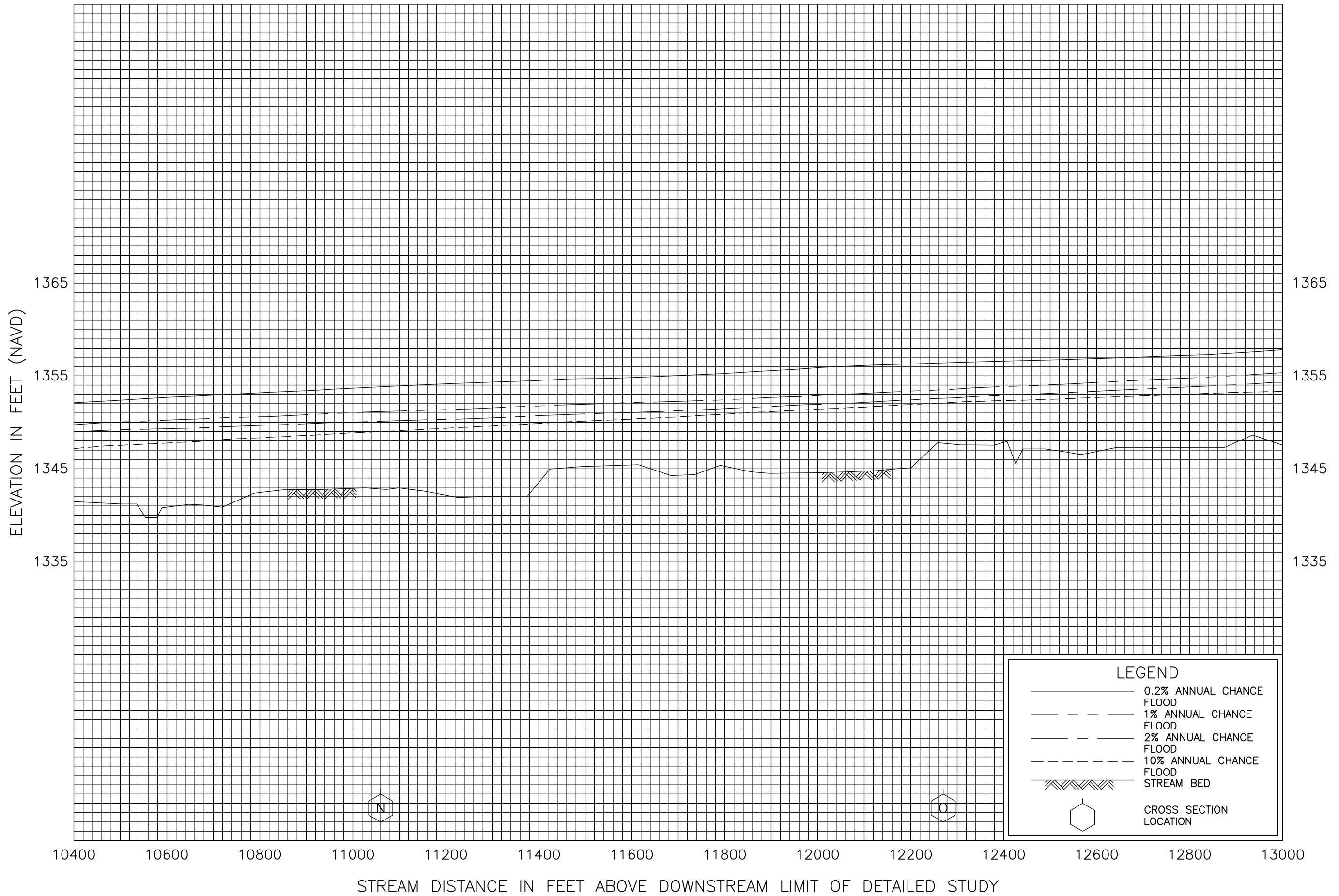
RANGELAND ROAD

FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

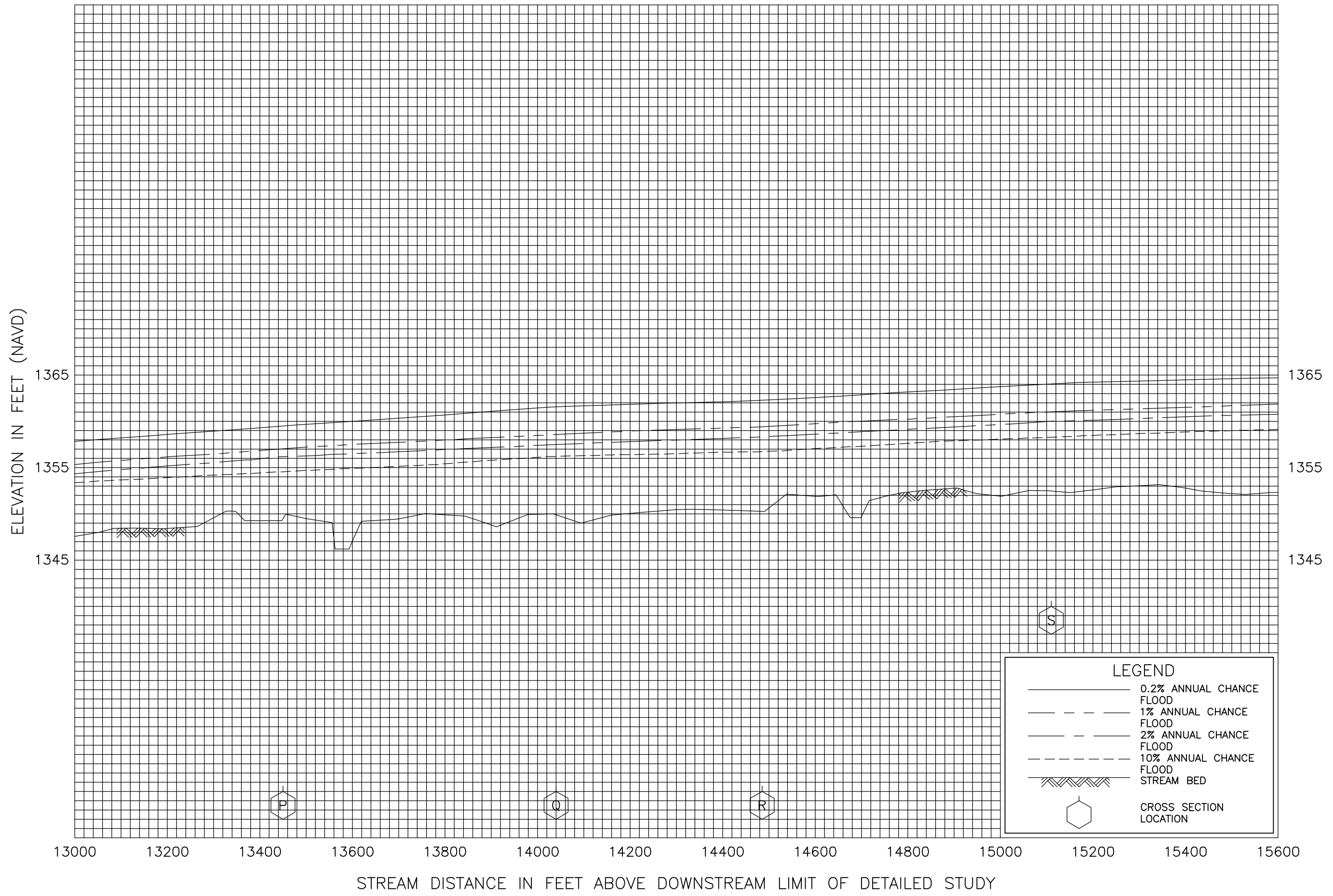


LEGEND	
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	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

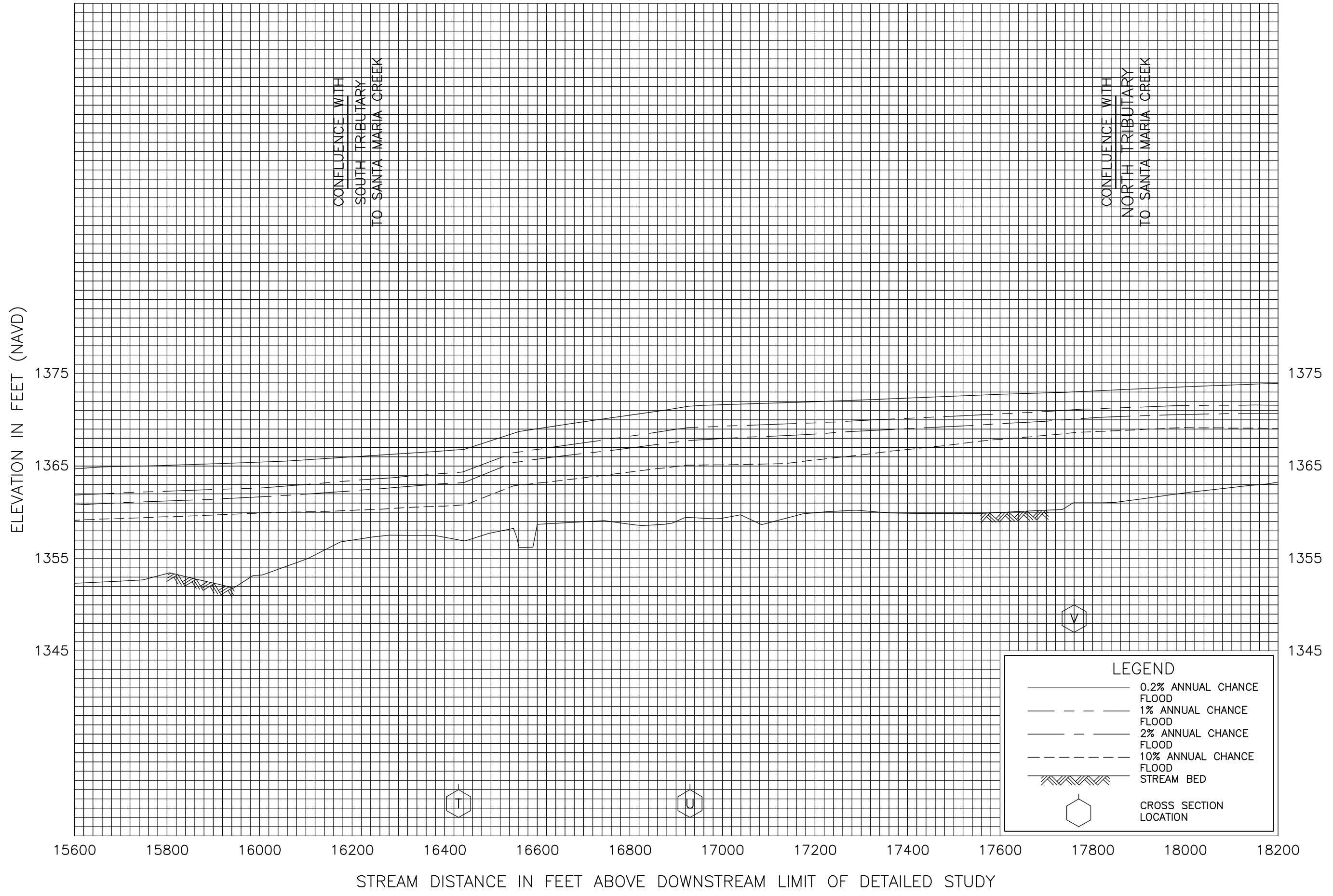
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES  
 SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

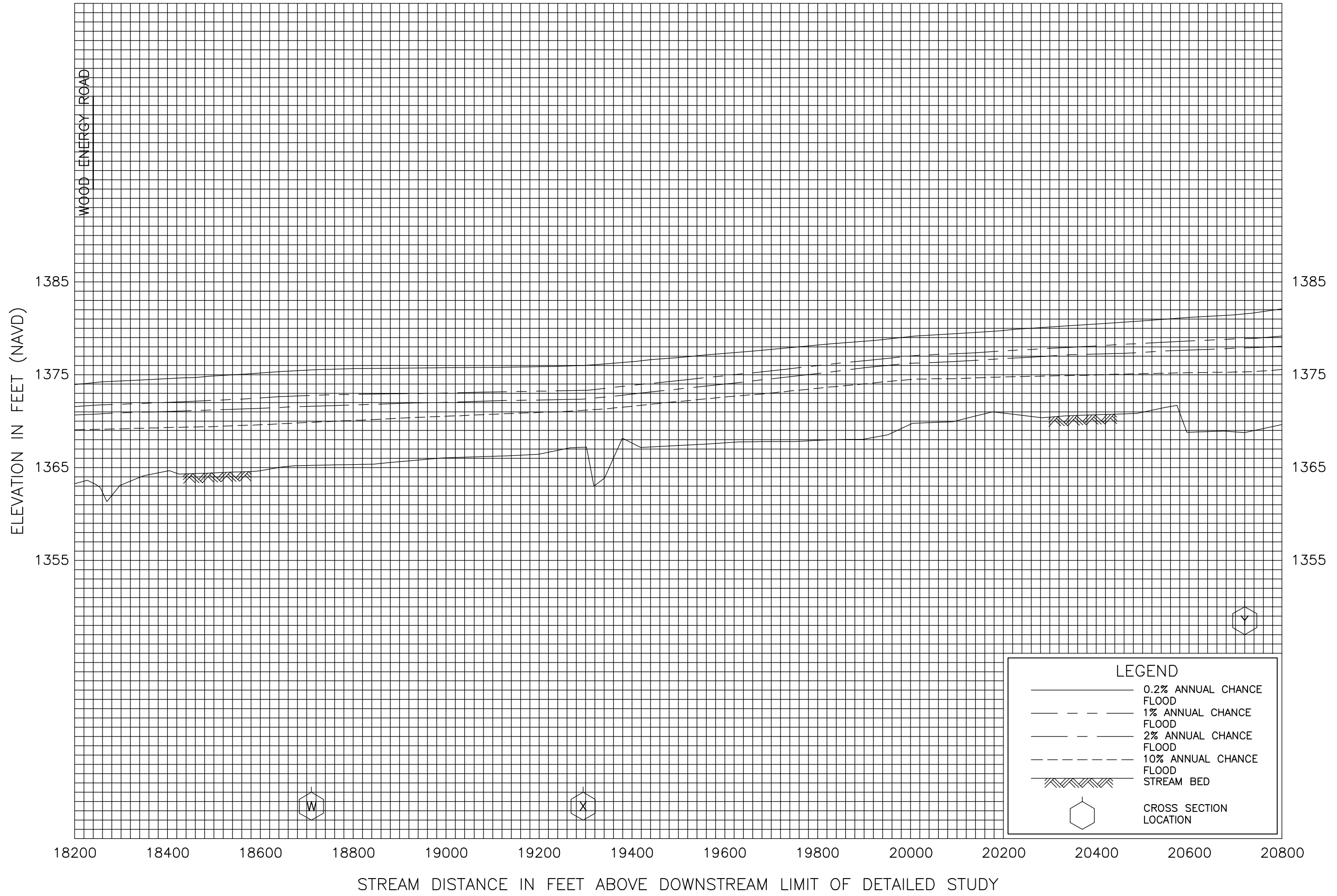
411P



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

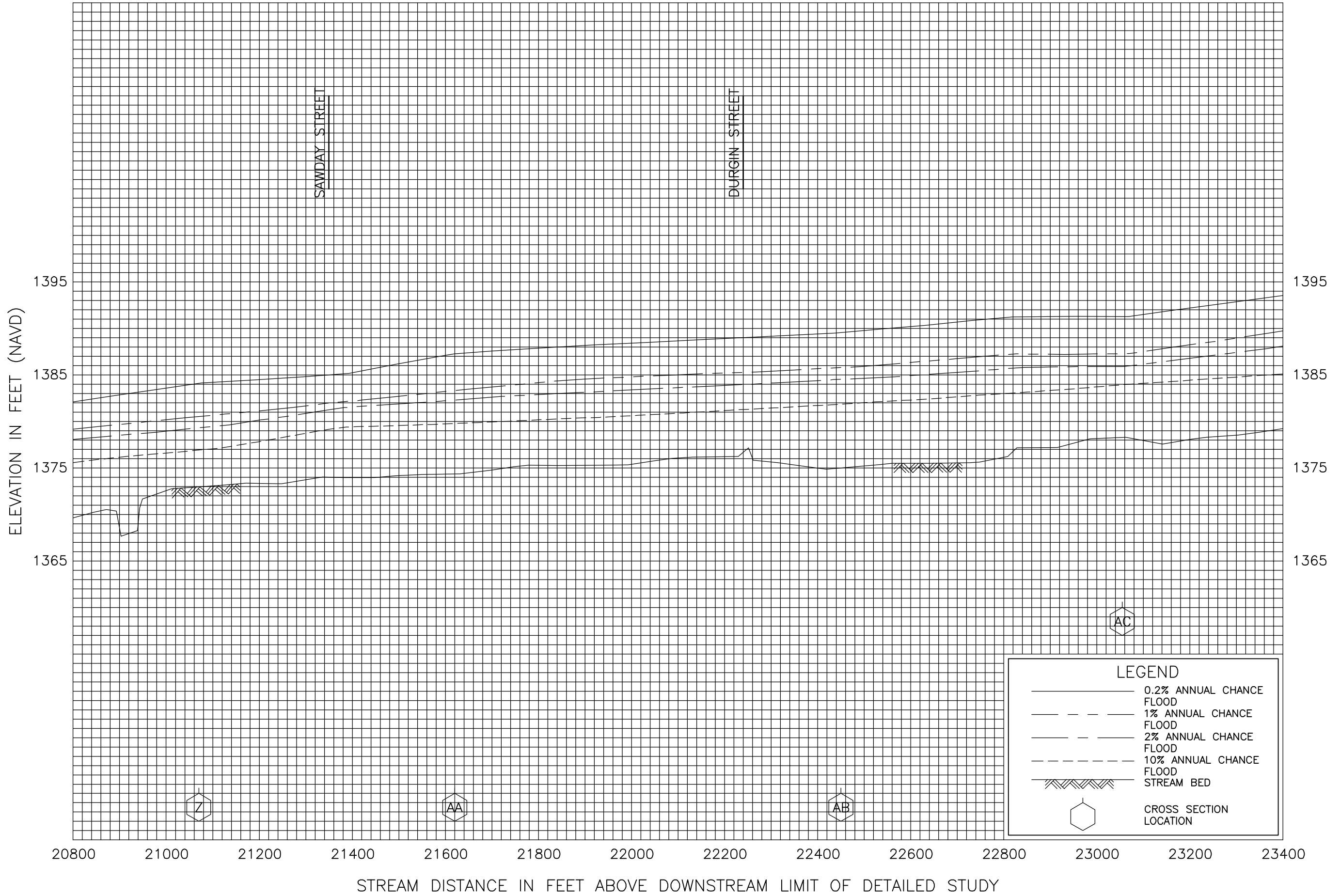


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

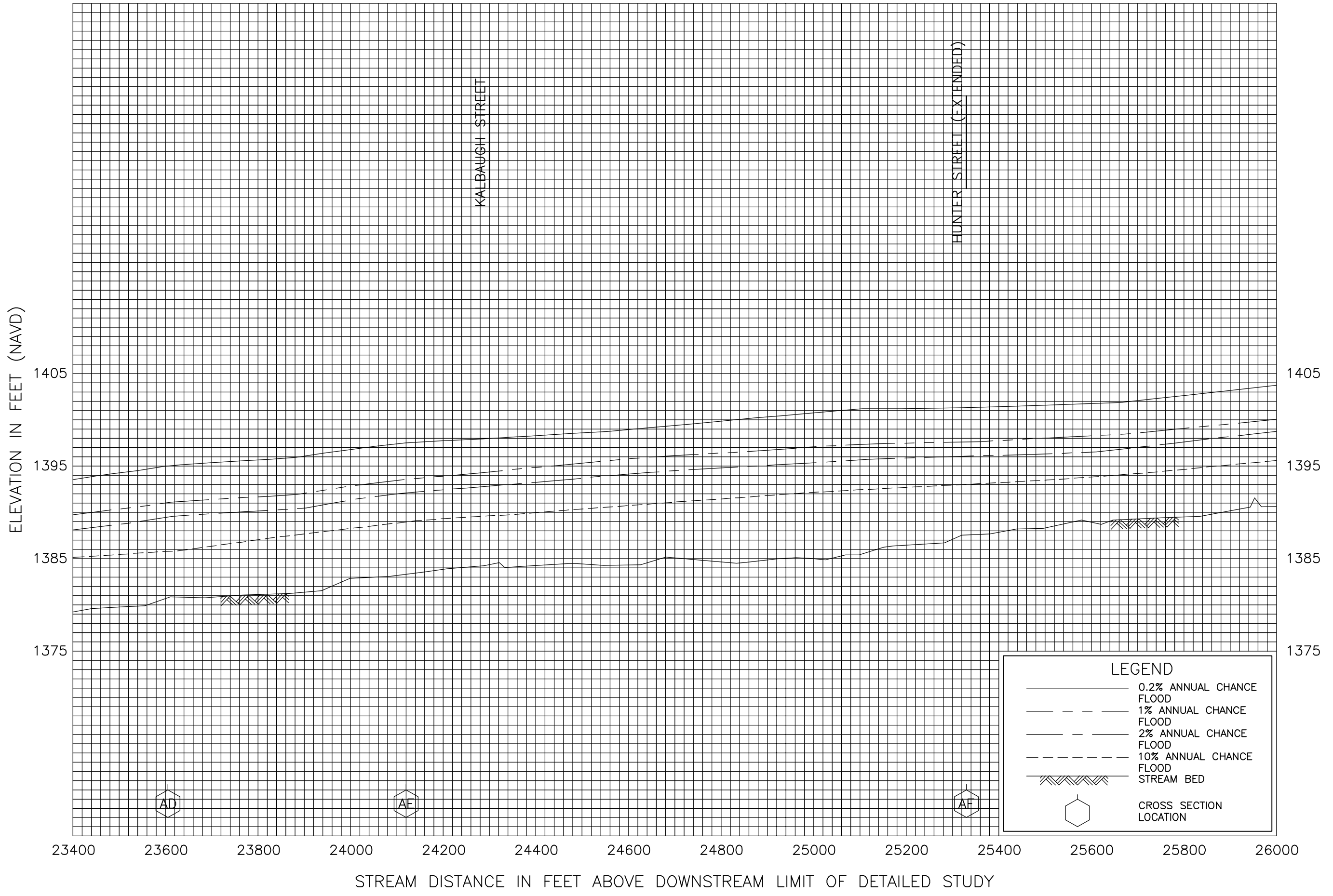
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

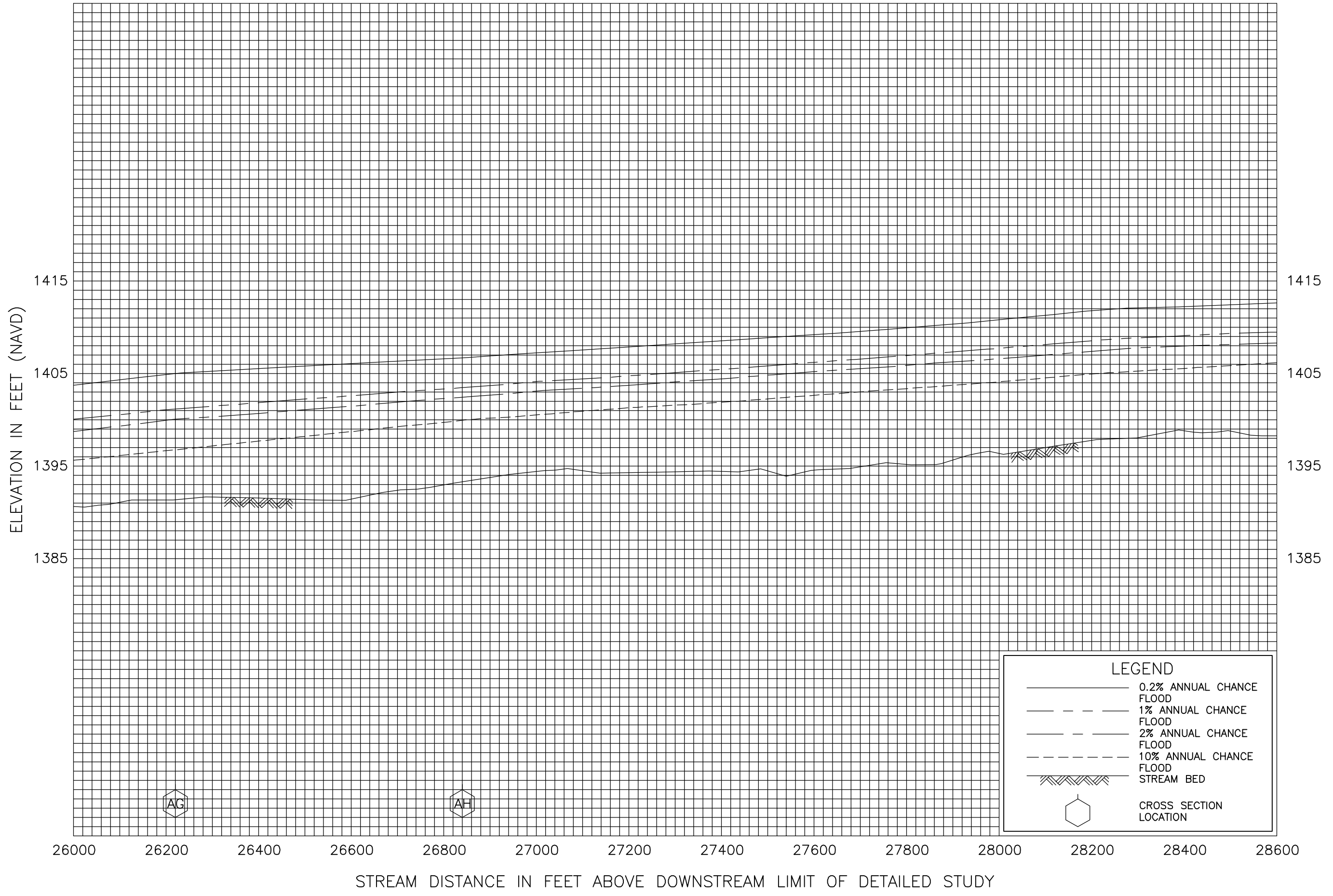


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

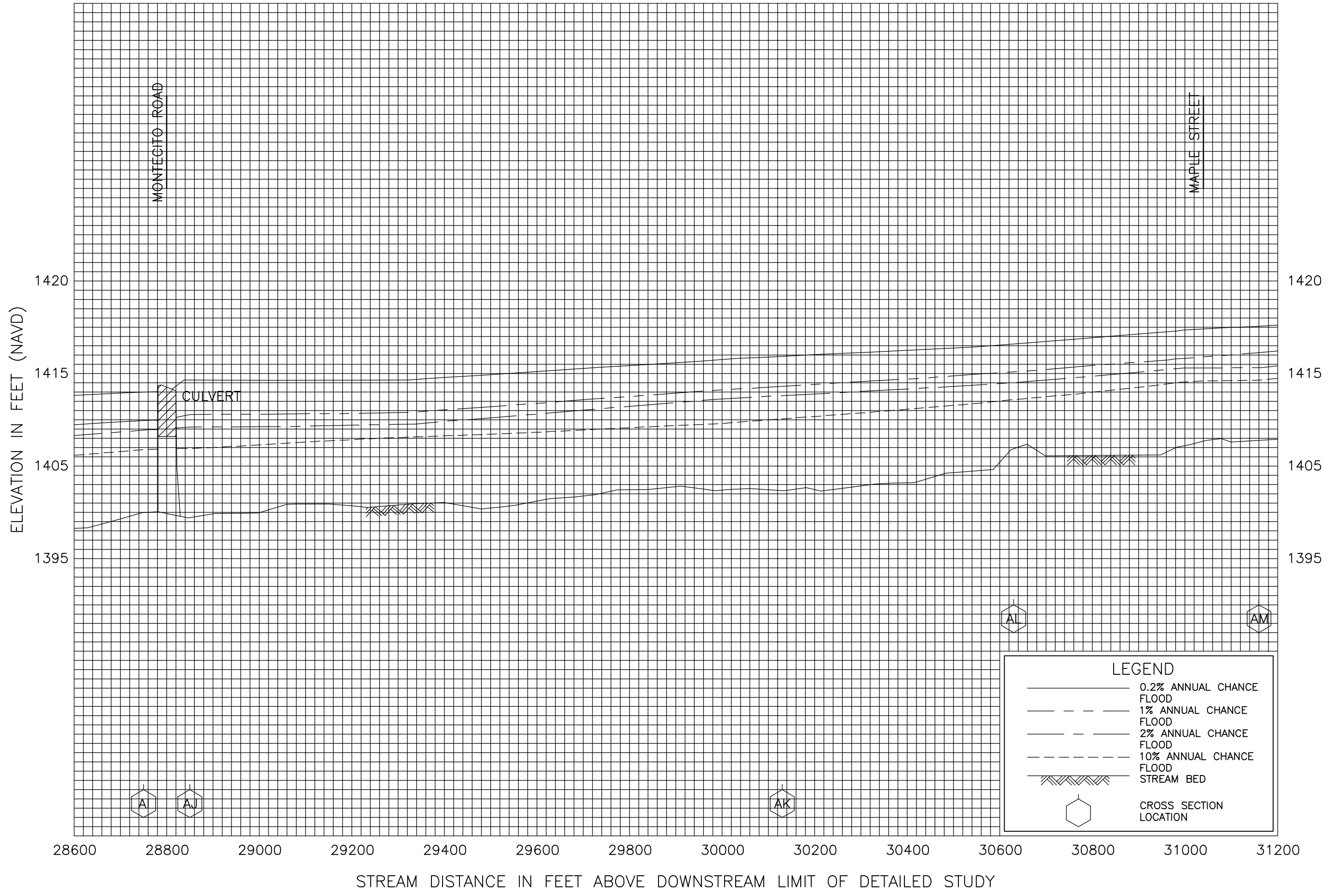




LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD
	10% ANNUAL CHANCE FLOOD
	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
 SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

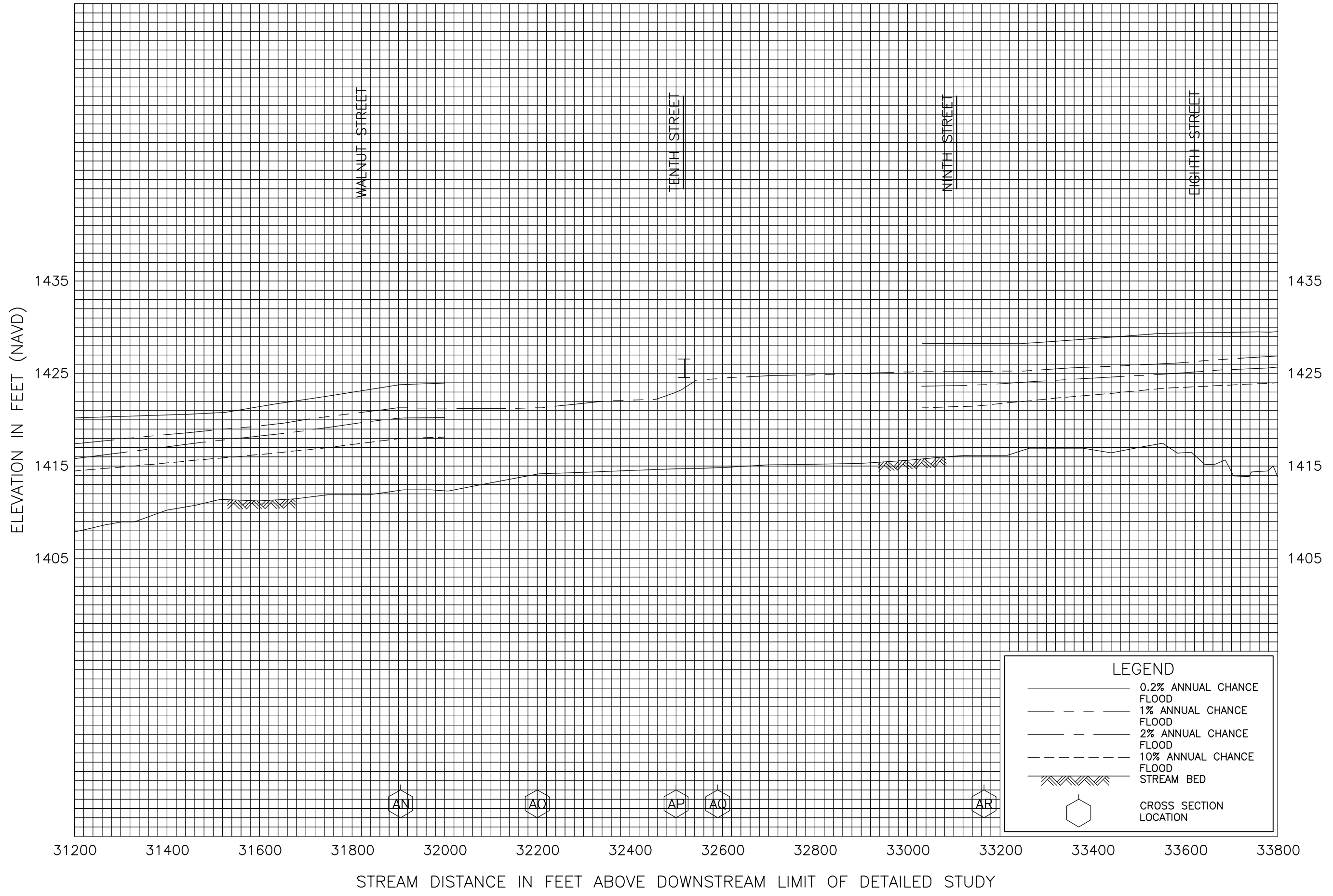
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

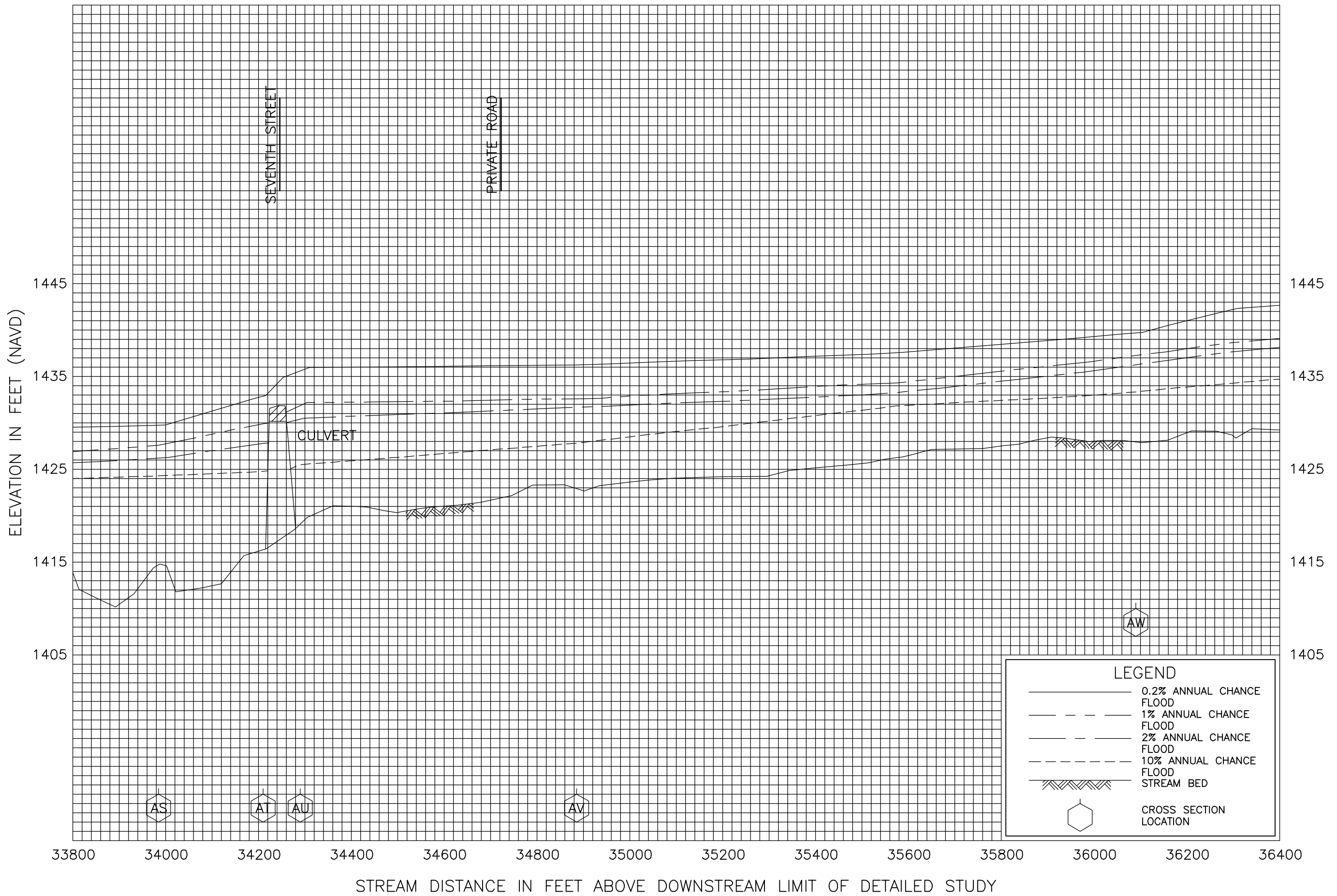
SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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



FLOOD PROFILES  
 SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

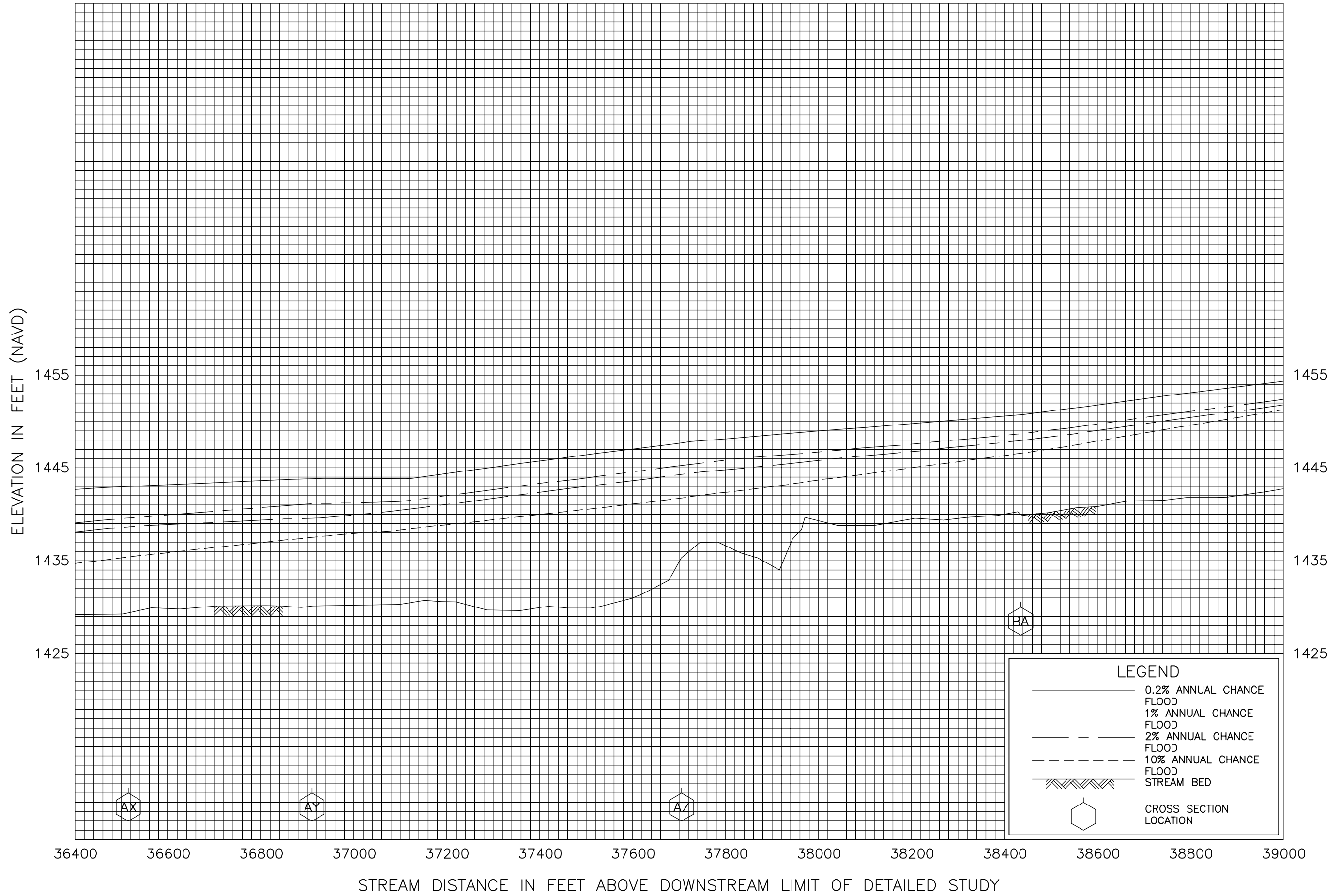
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

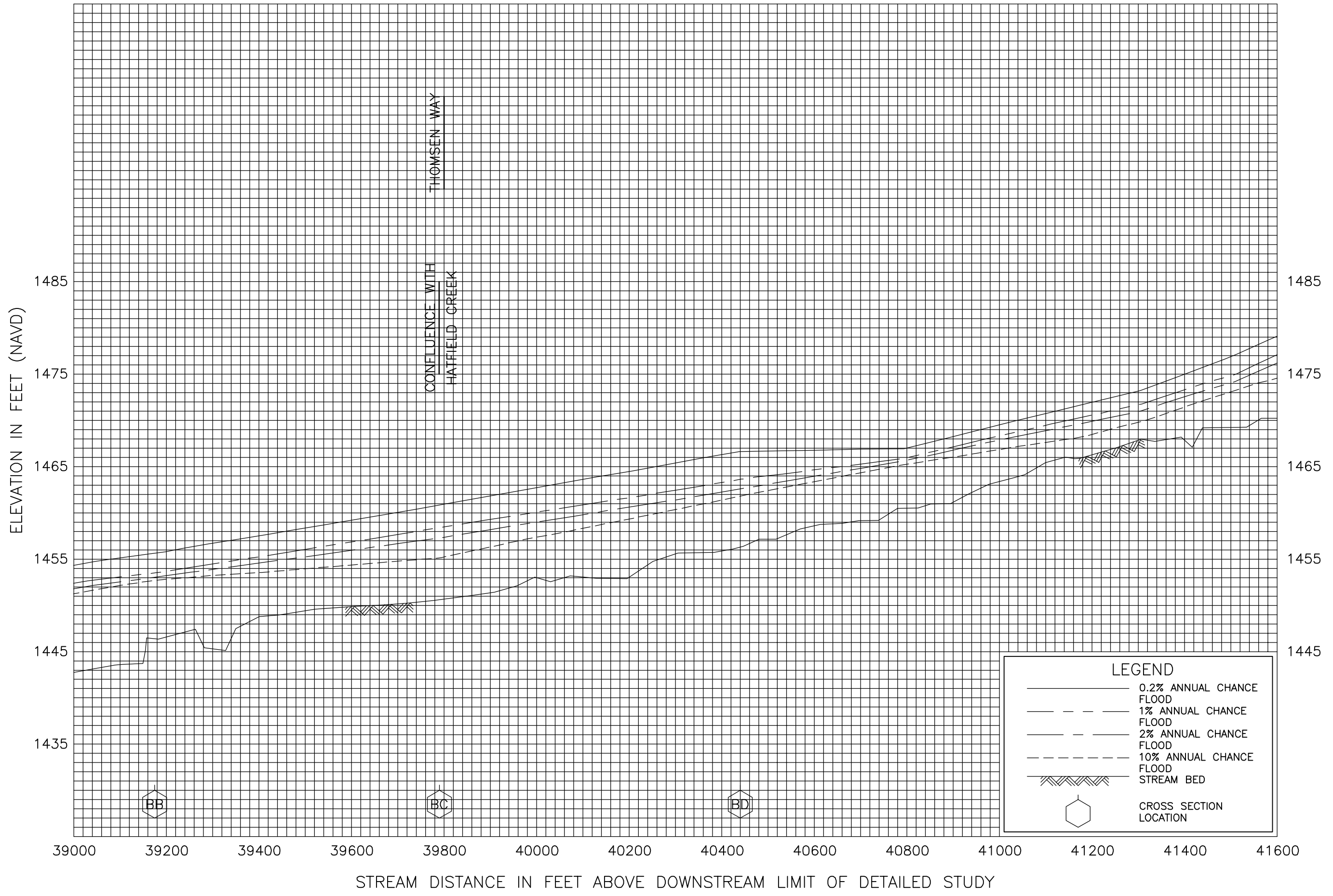
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

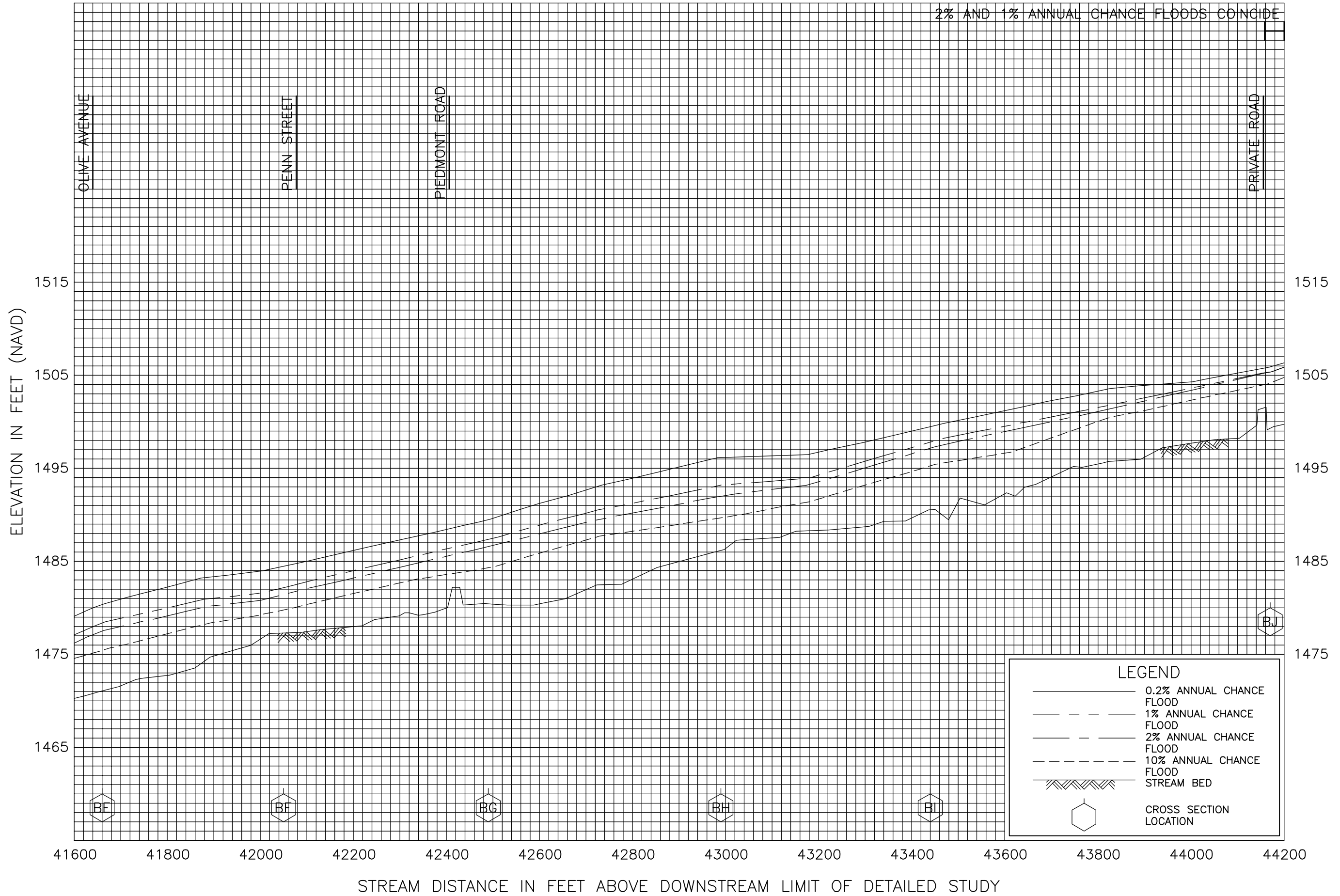
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

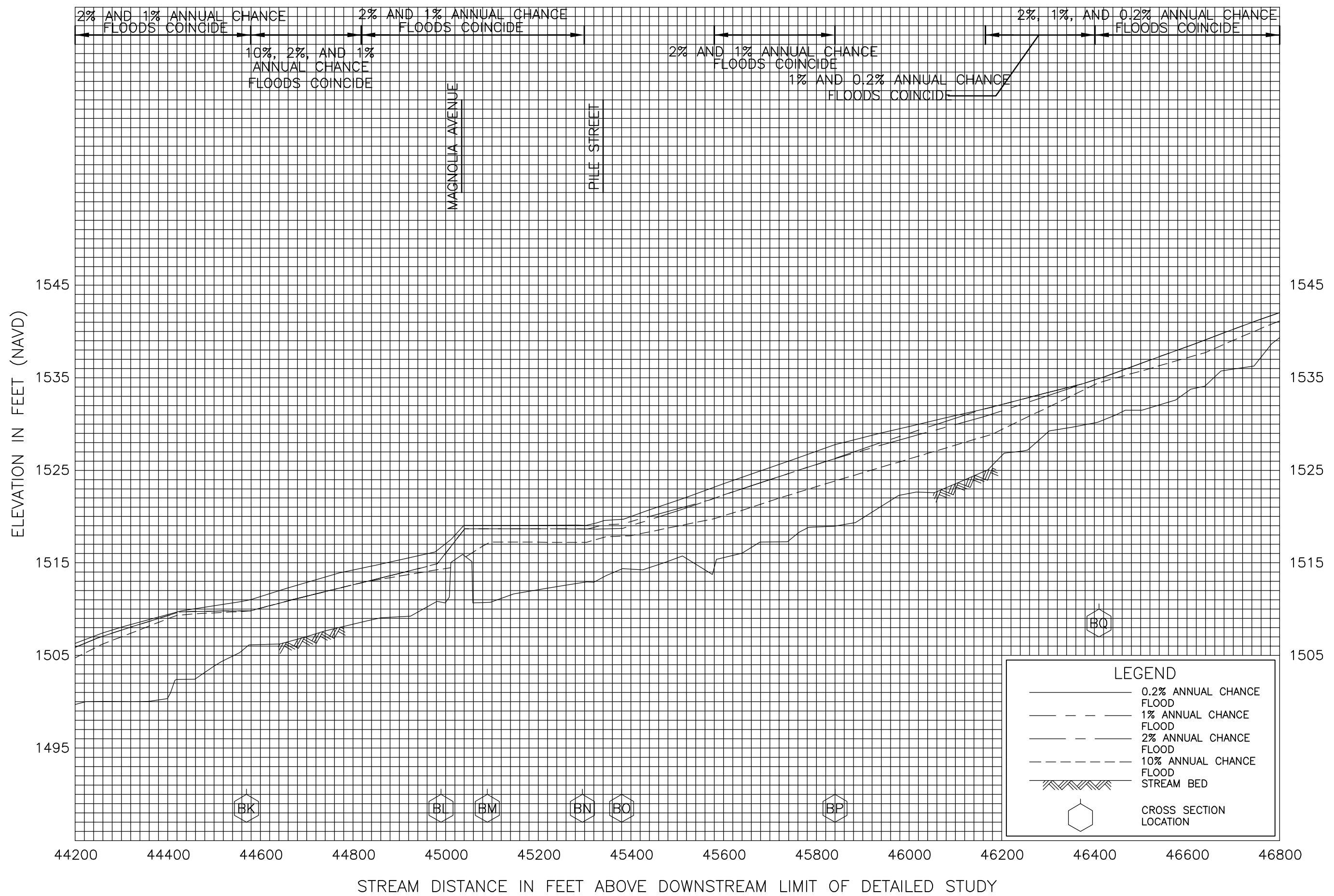
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

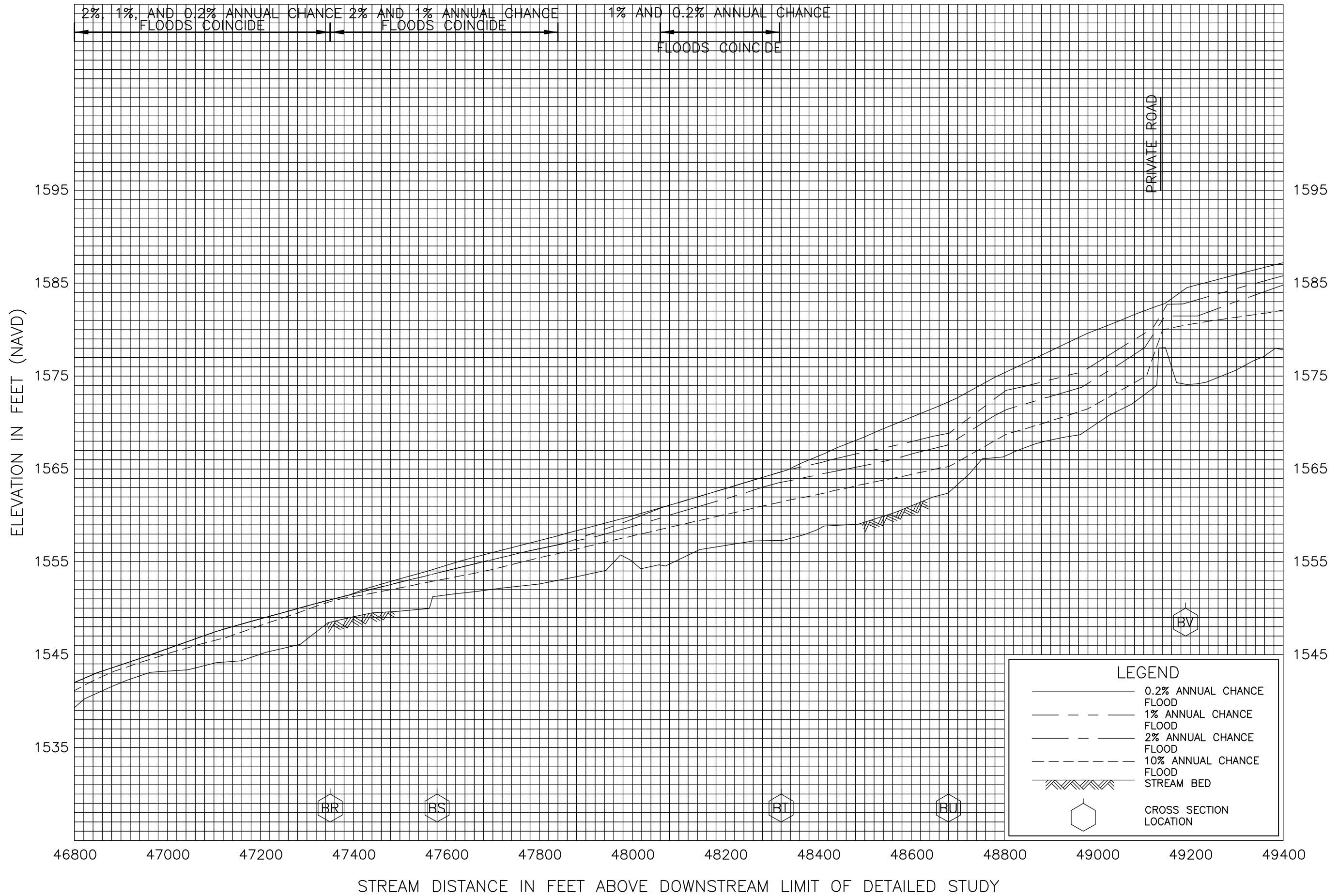


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

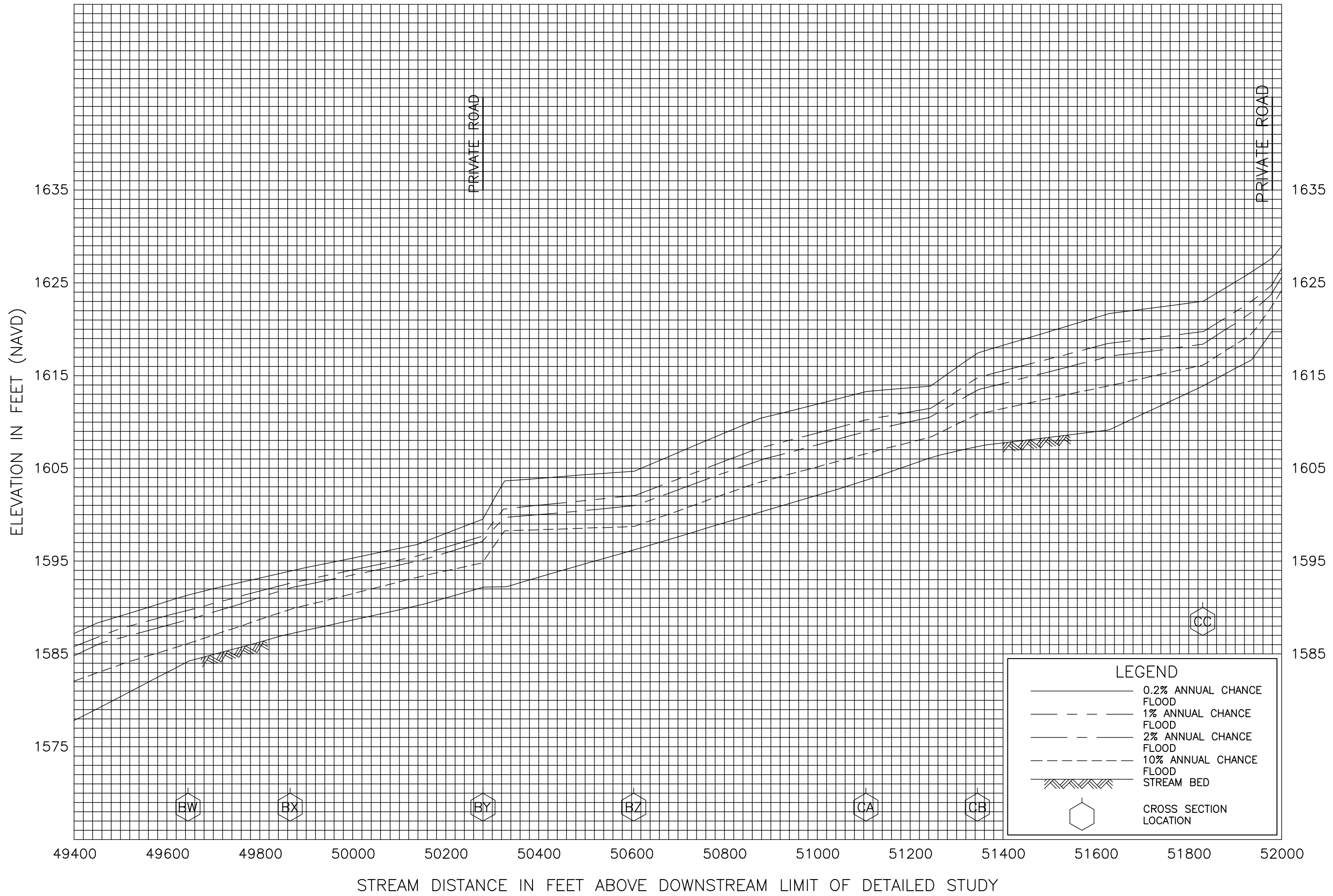




FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

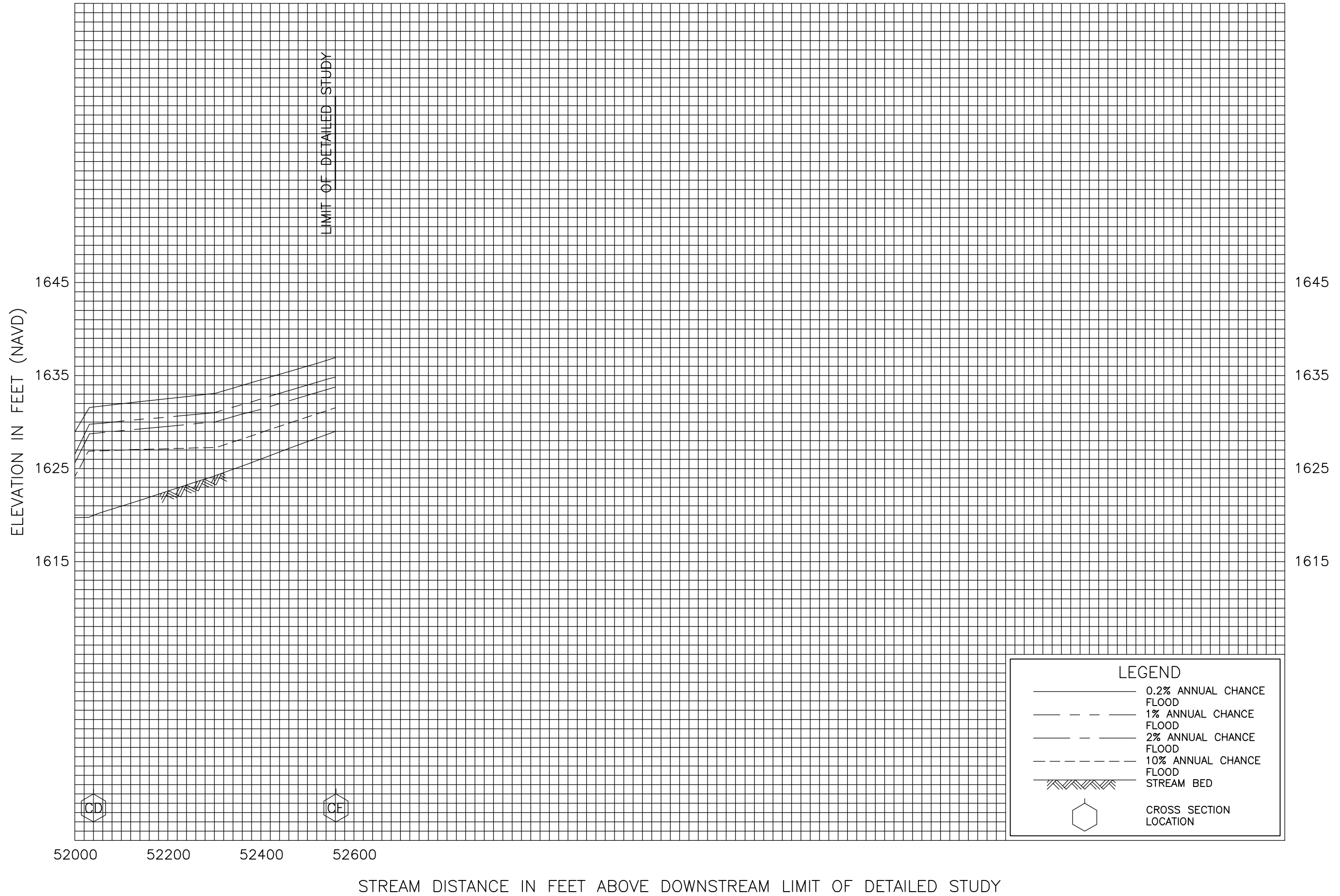


FLOOD PROFILES

SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
 SANTA MARIA CREEK (SANTA MARIA VALLEY AREA)

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

426P