

# FLOOD INSURANCE STUDY

## FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 8 OF 12



### SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

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

**REVISED:**

**DECEMBER 20, 2019**

FLOOD INSURANCE STUDY NUMBER  
06073CV008E

Version Number 2.3.3.3



**FEMA**

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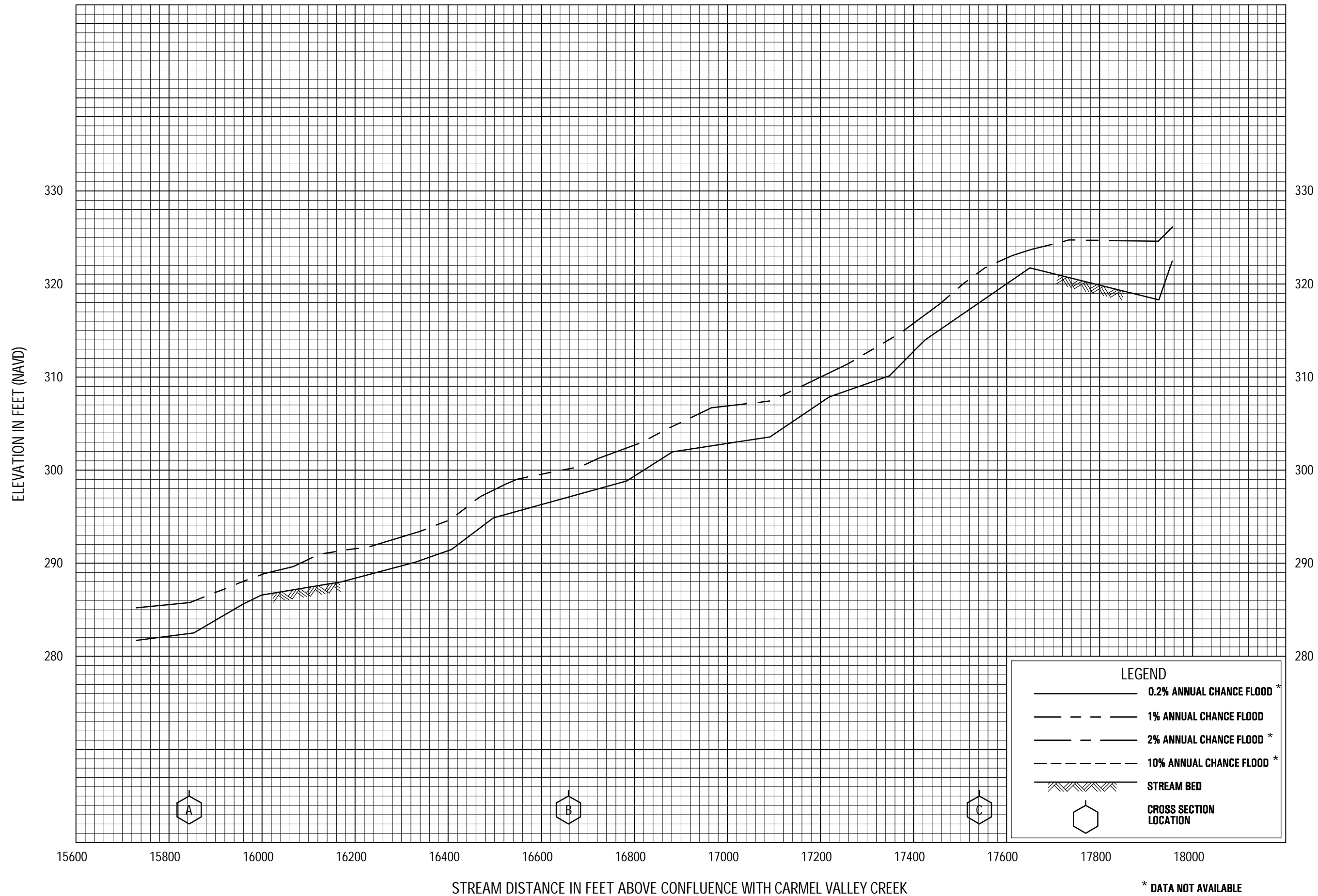
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**Published Separately**

Flood Insurance Rate Map (FIRM)





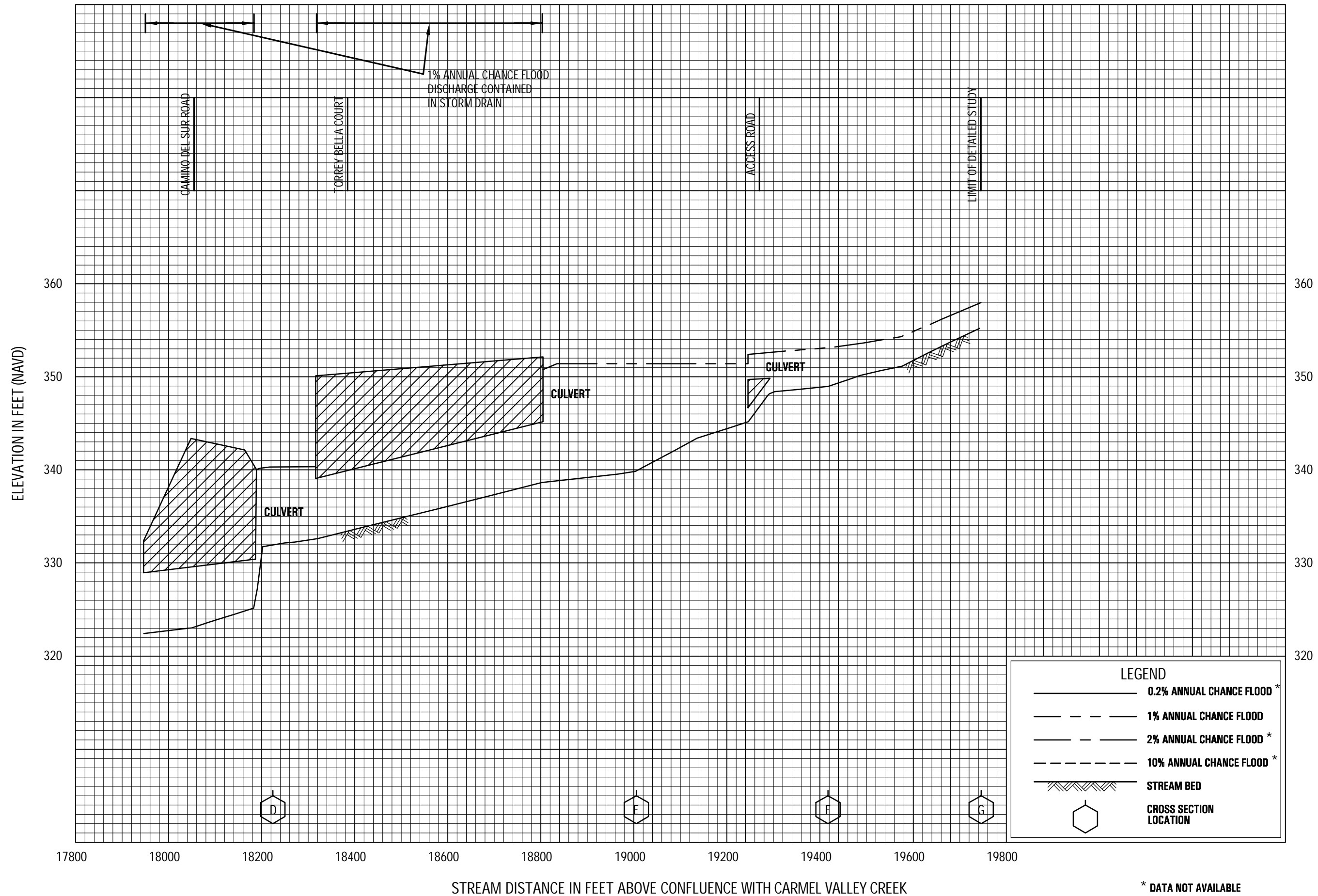
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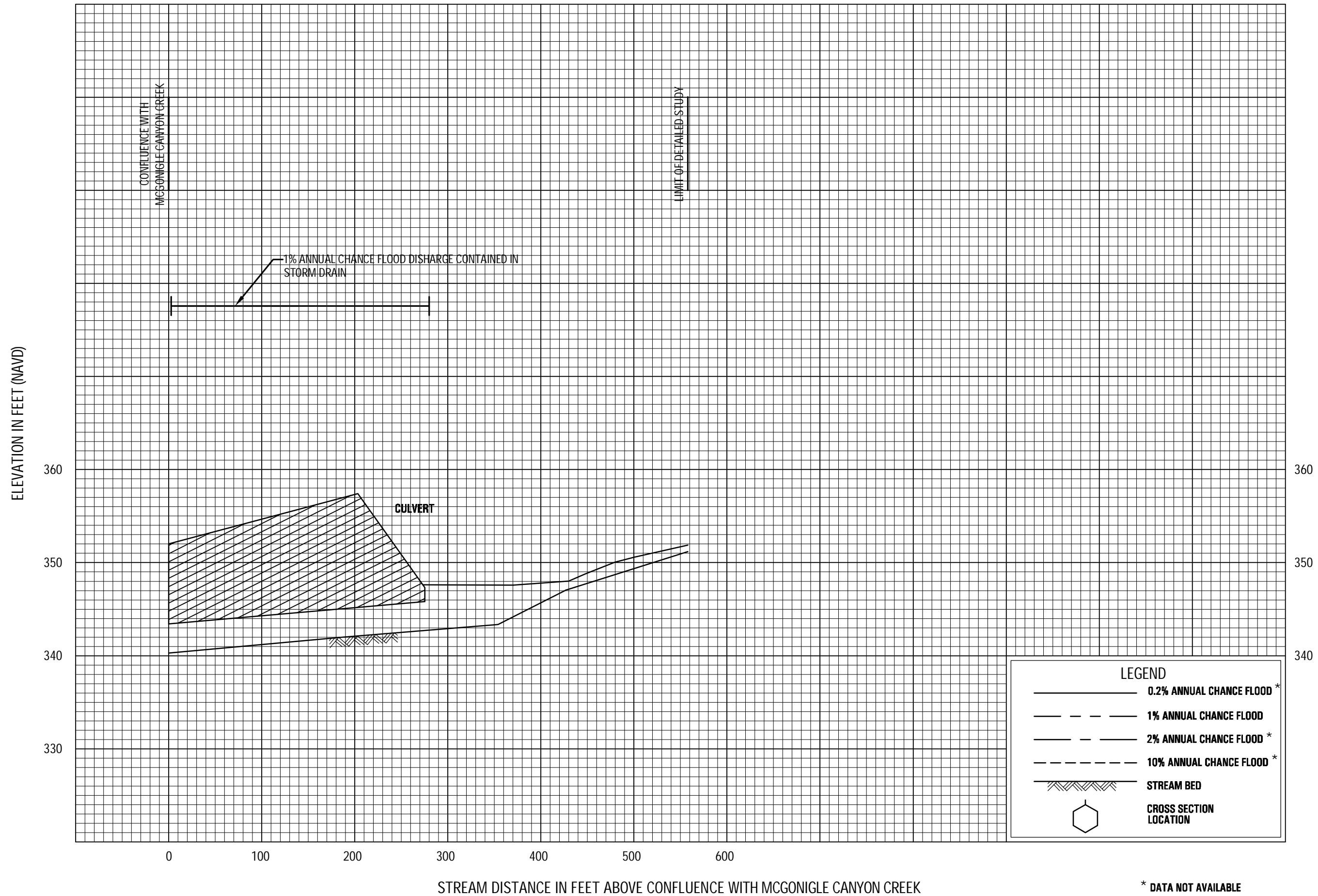


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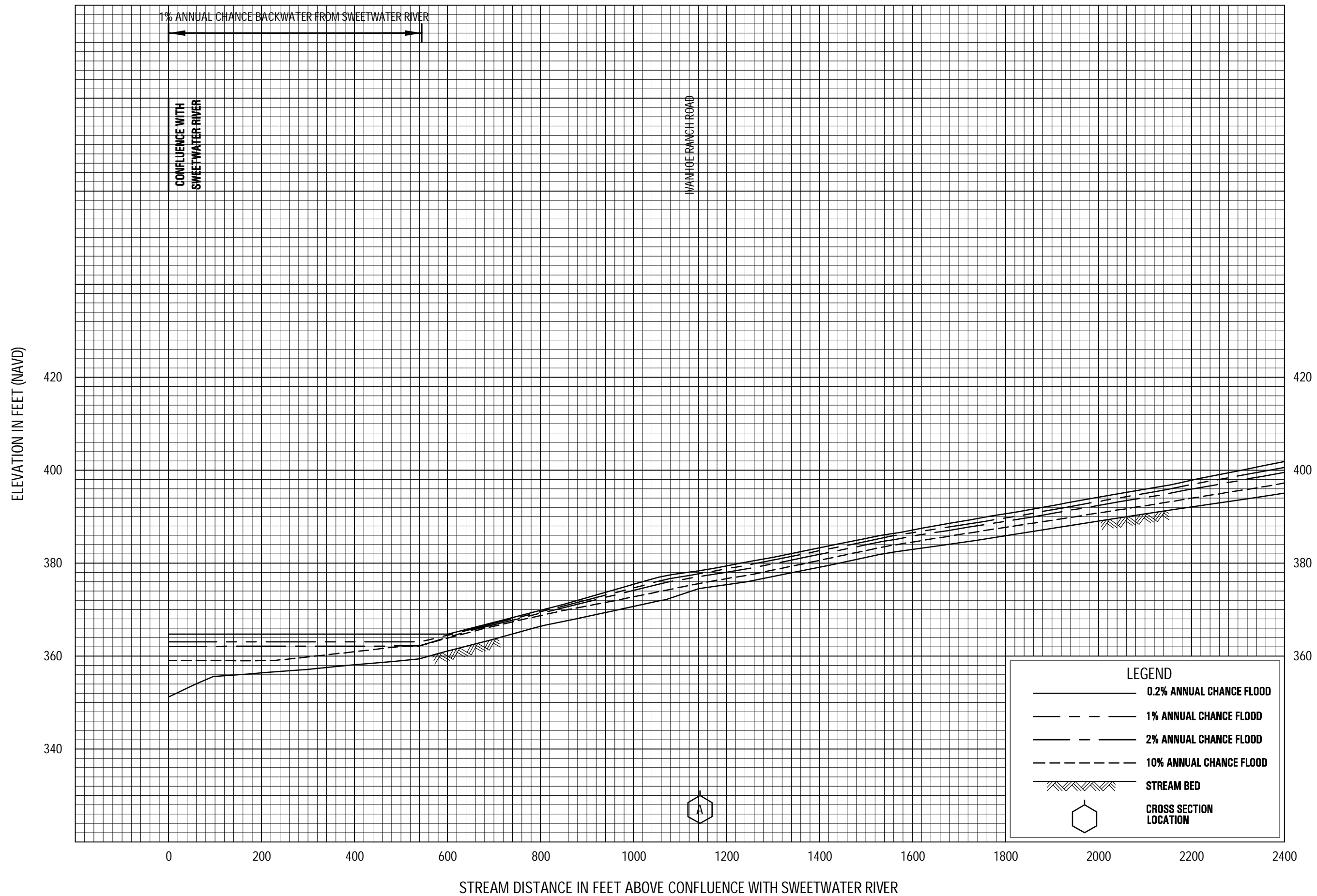


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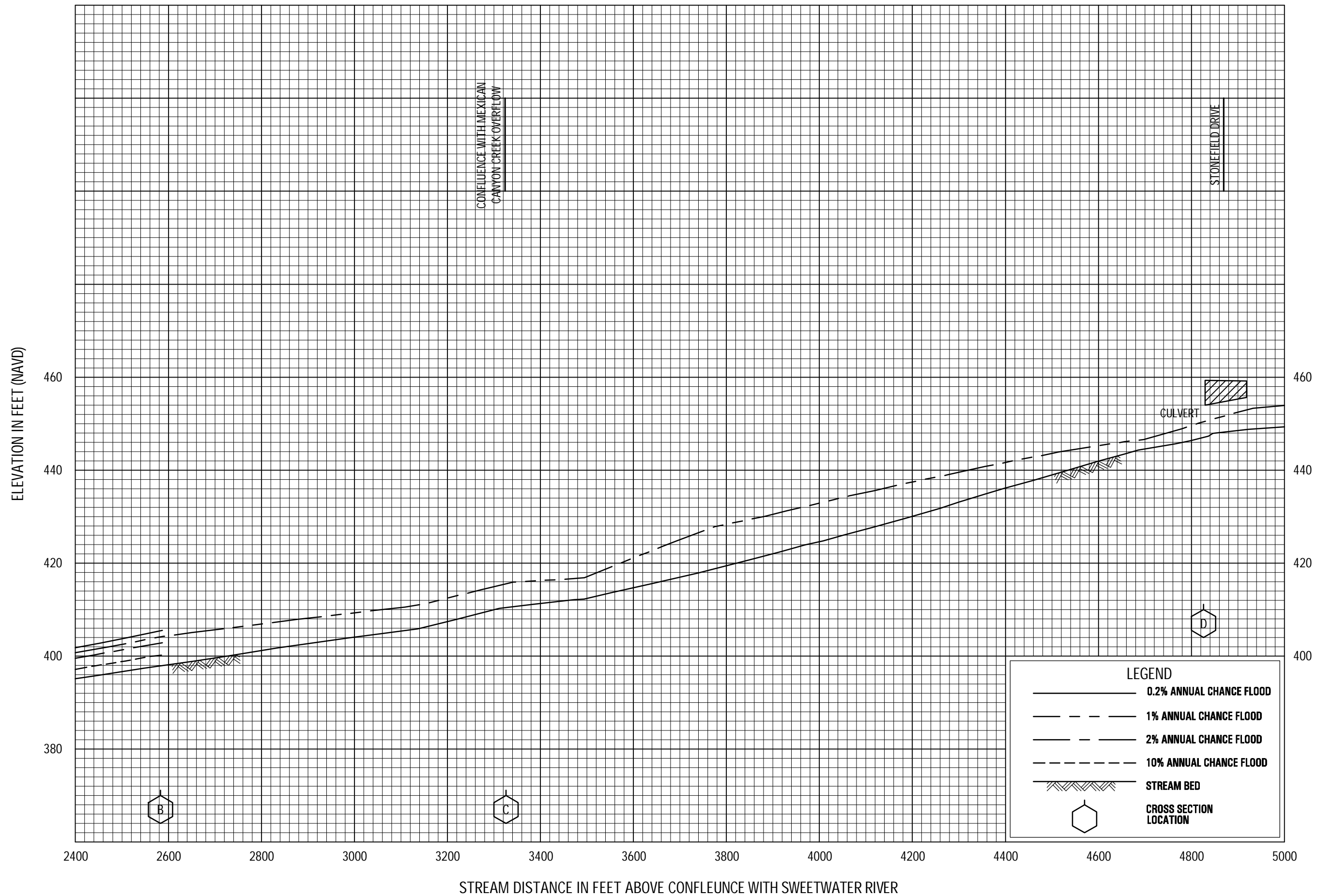


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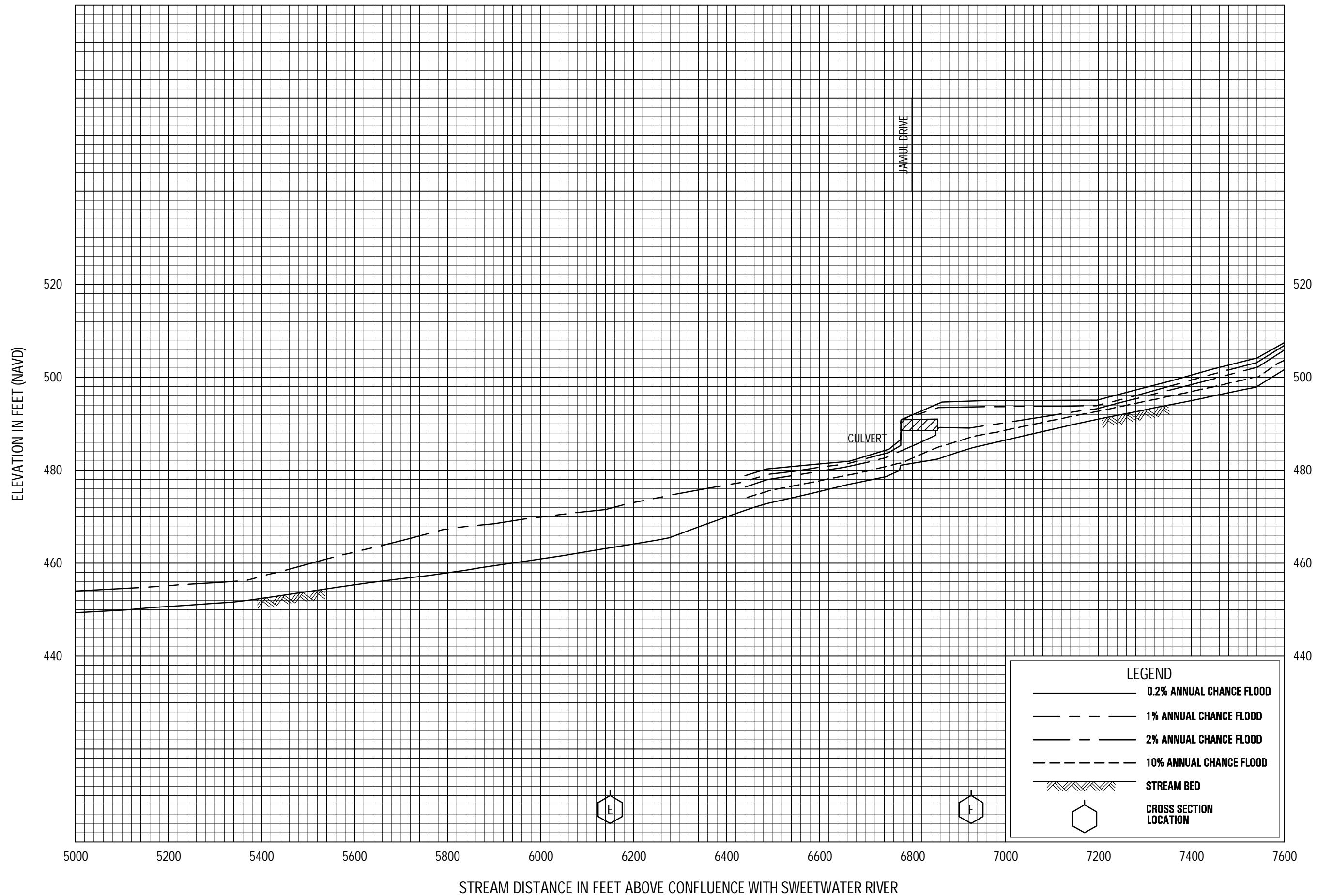


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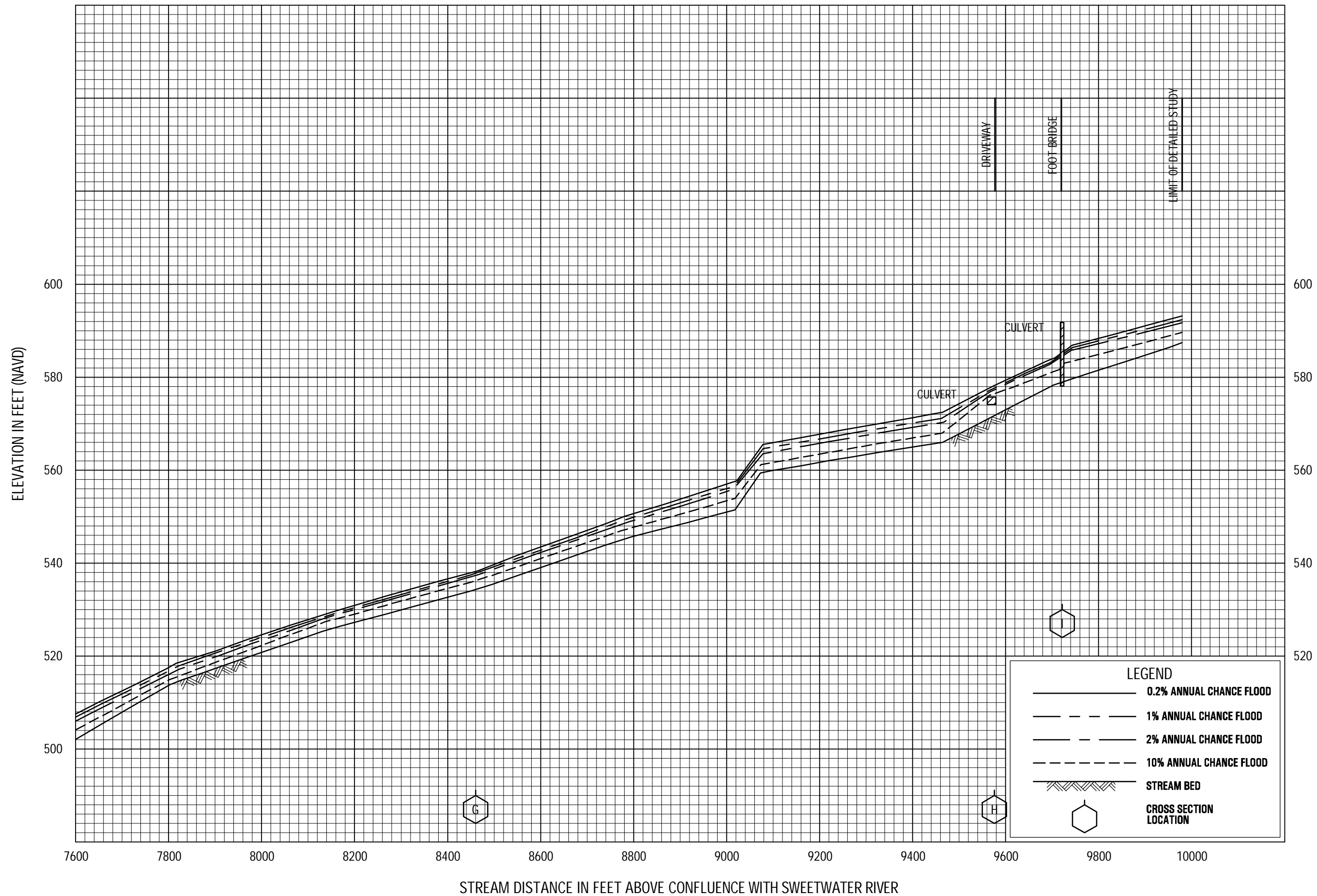


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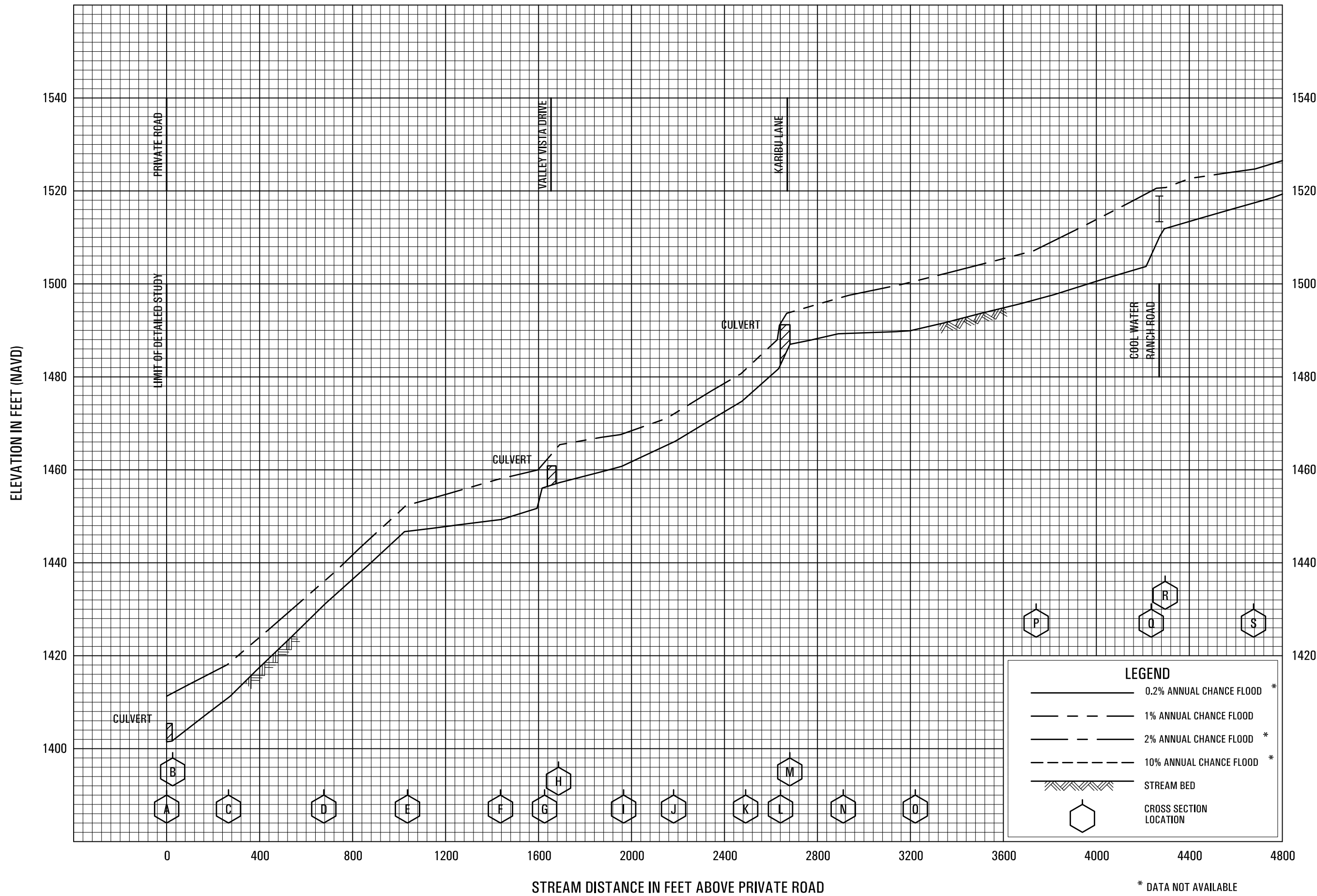


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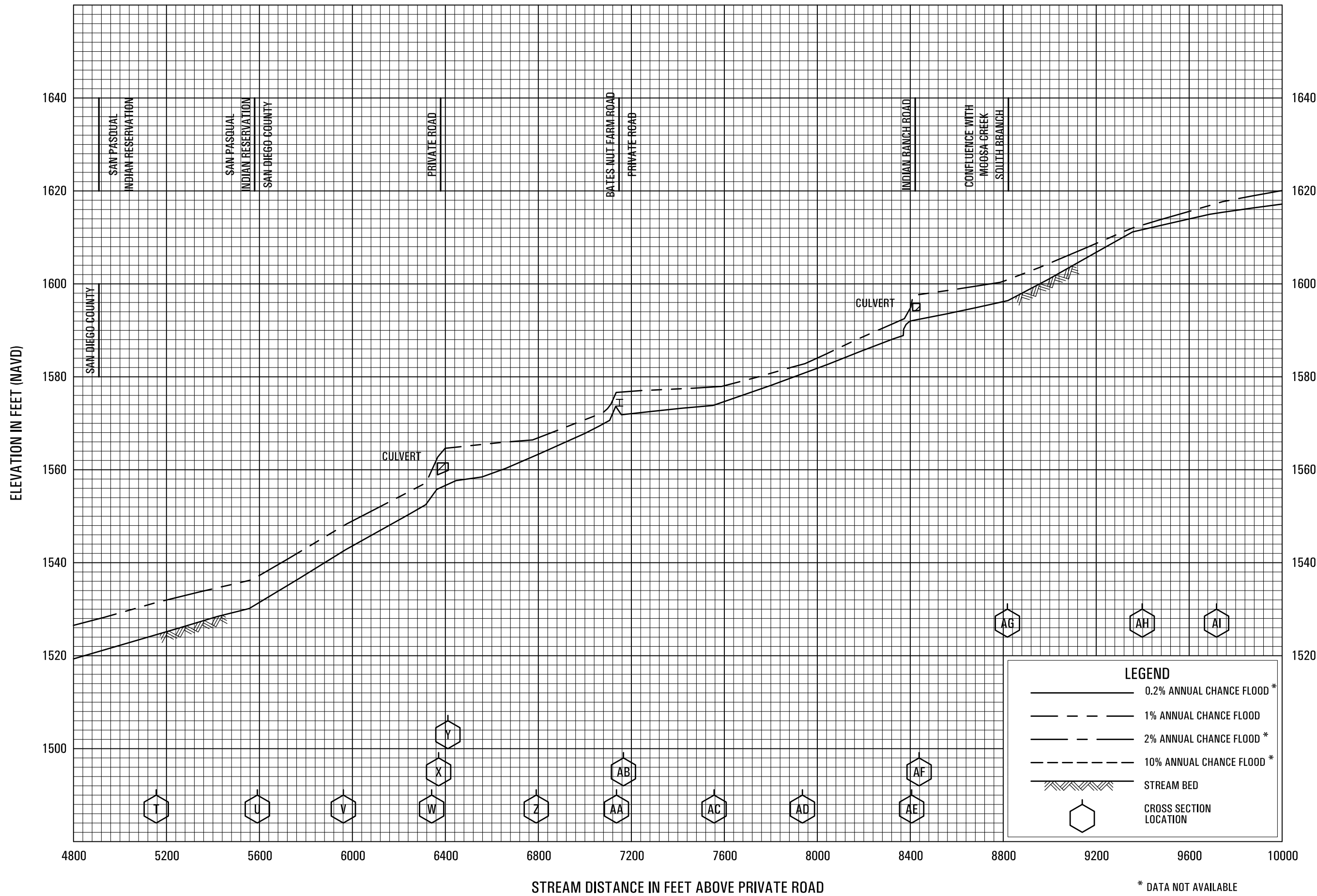
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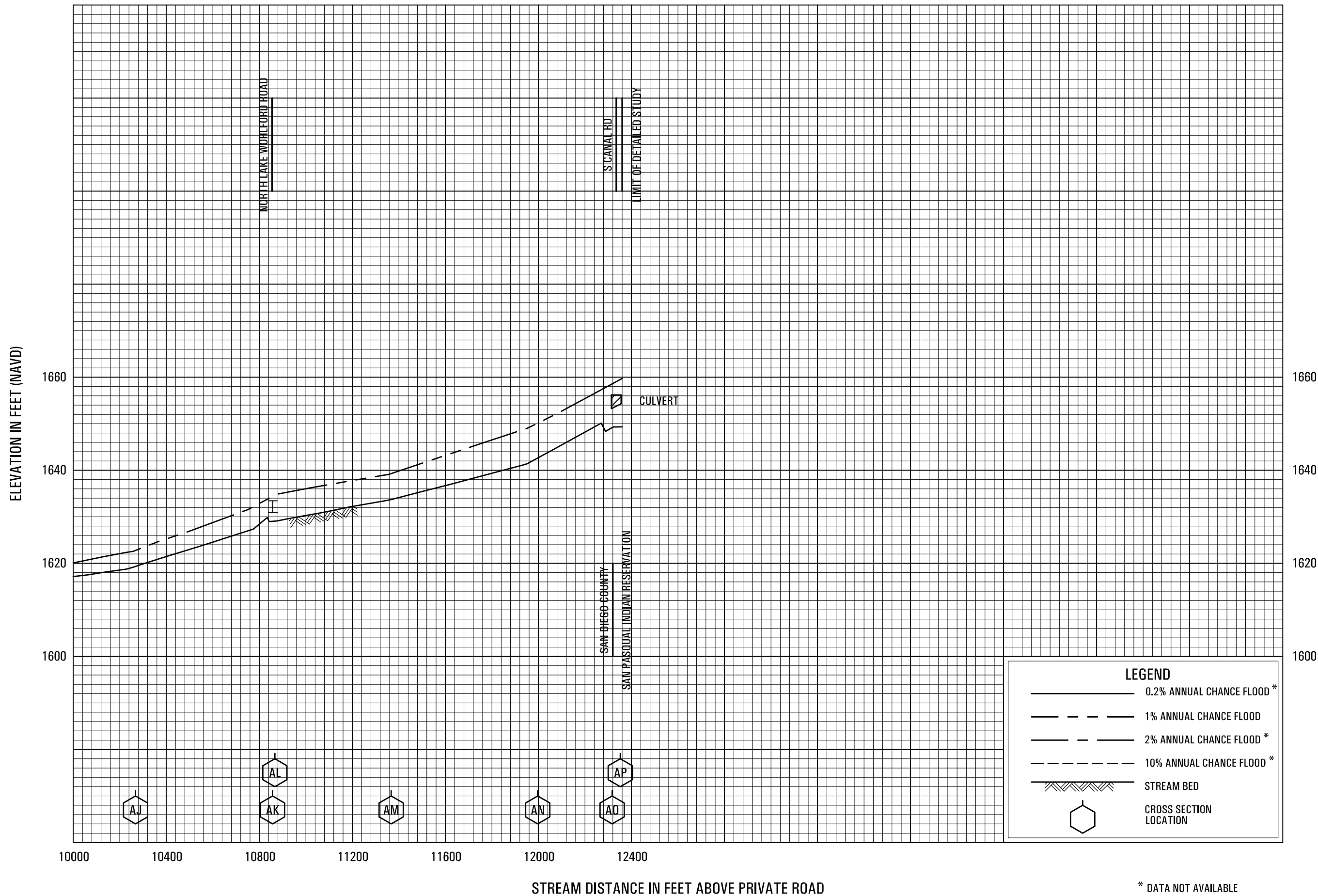
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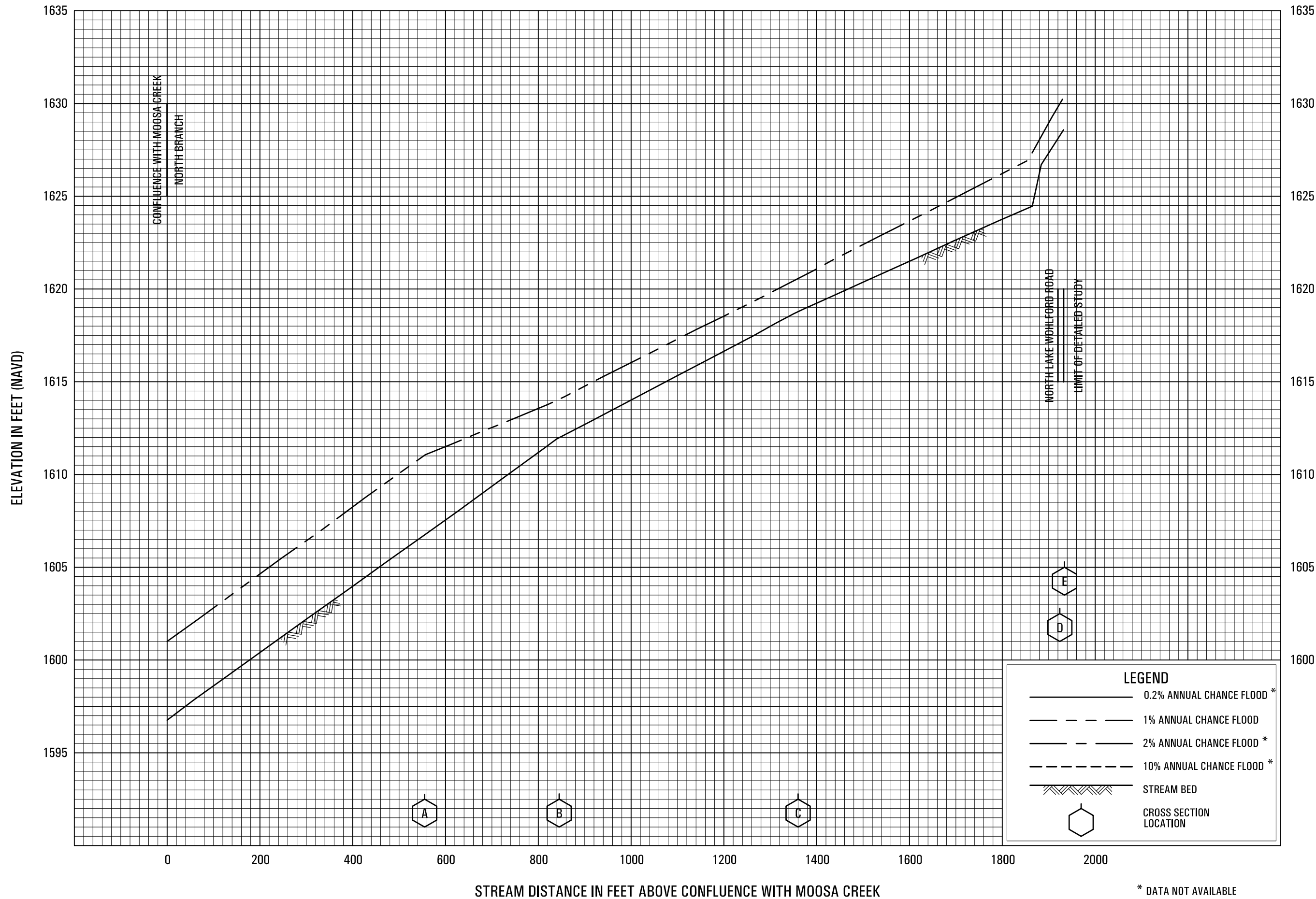


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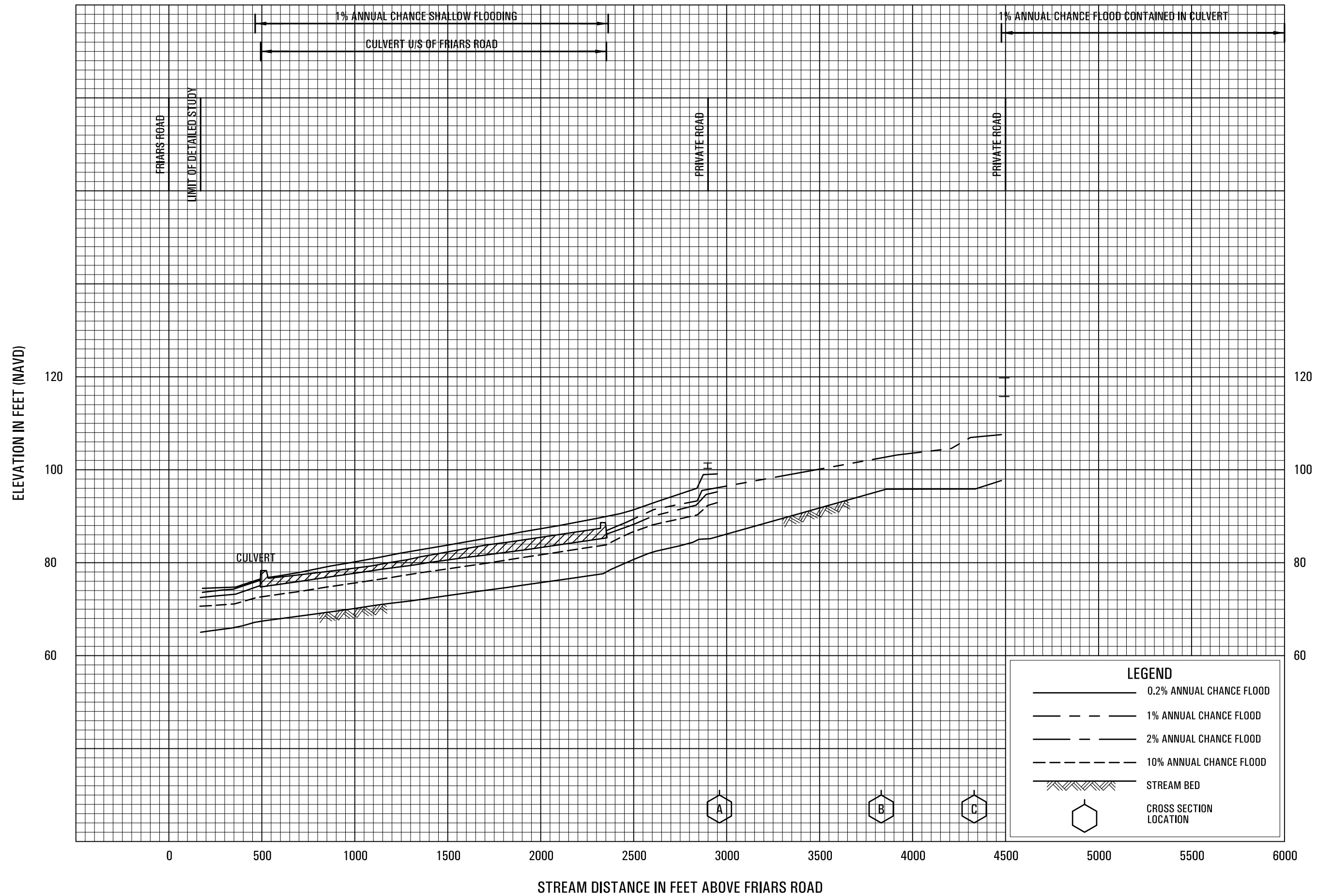
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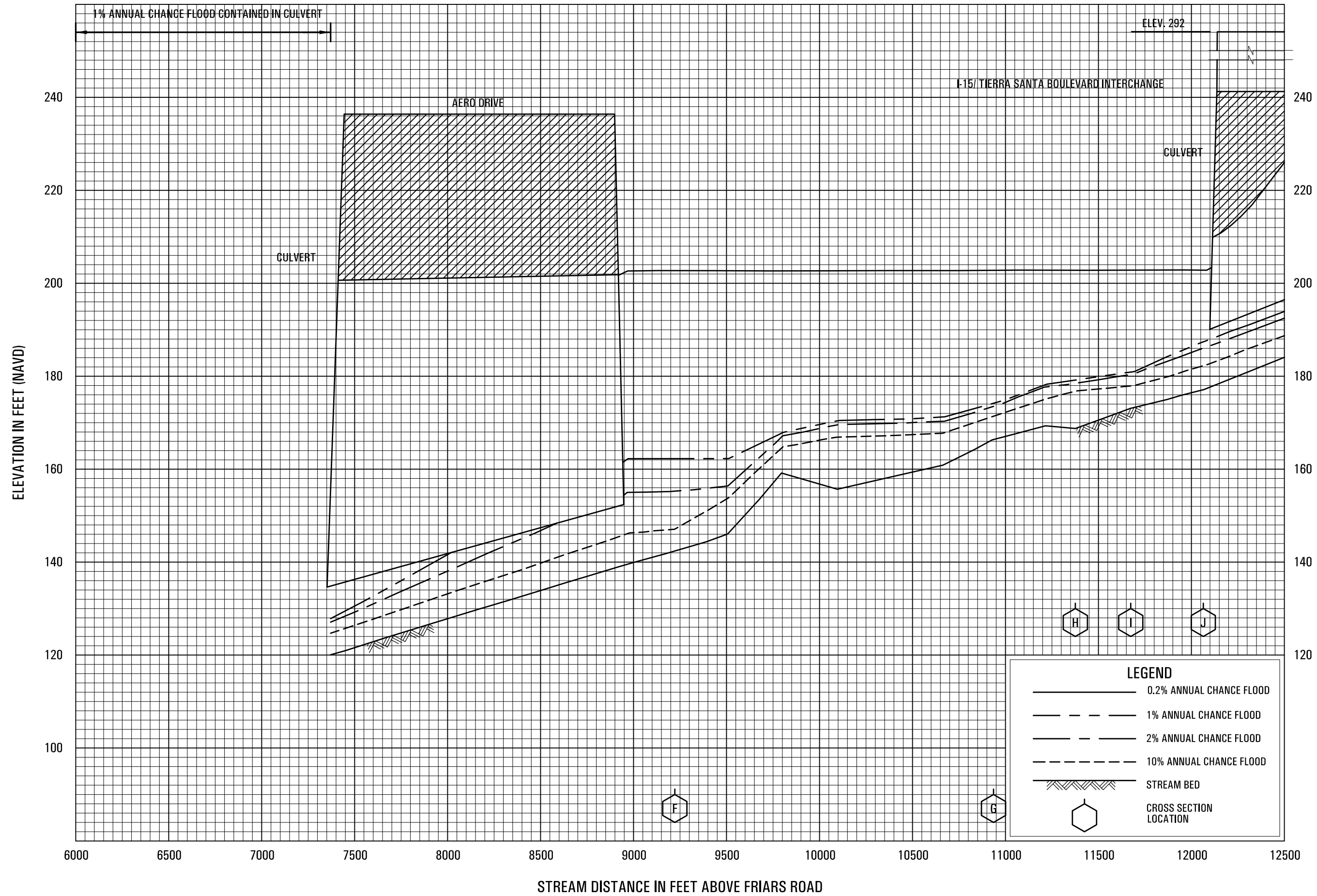
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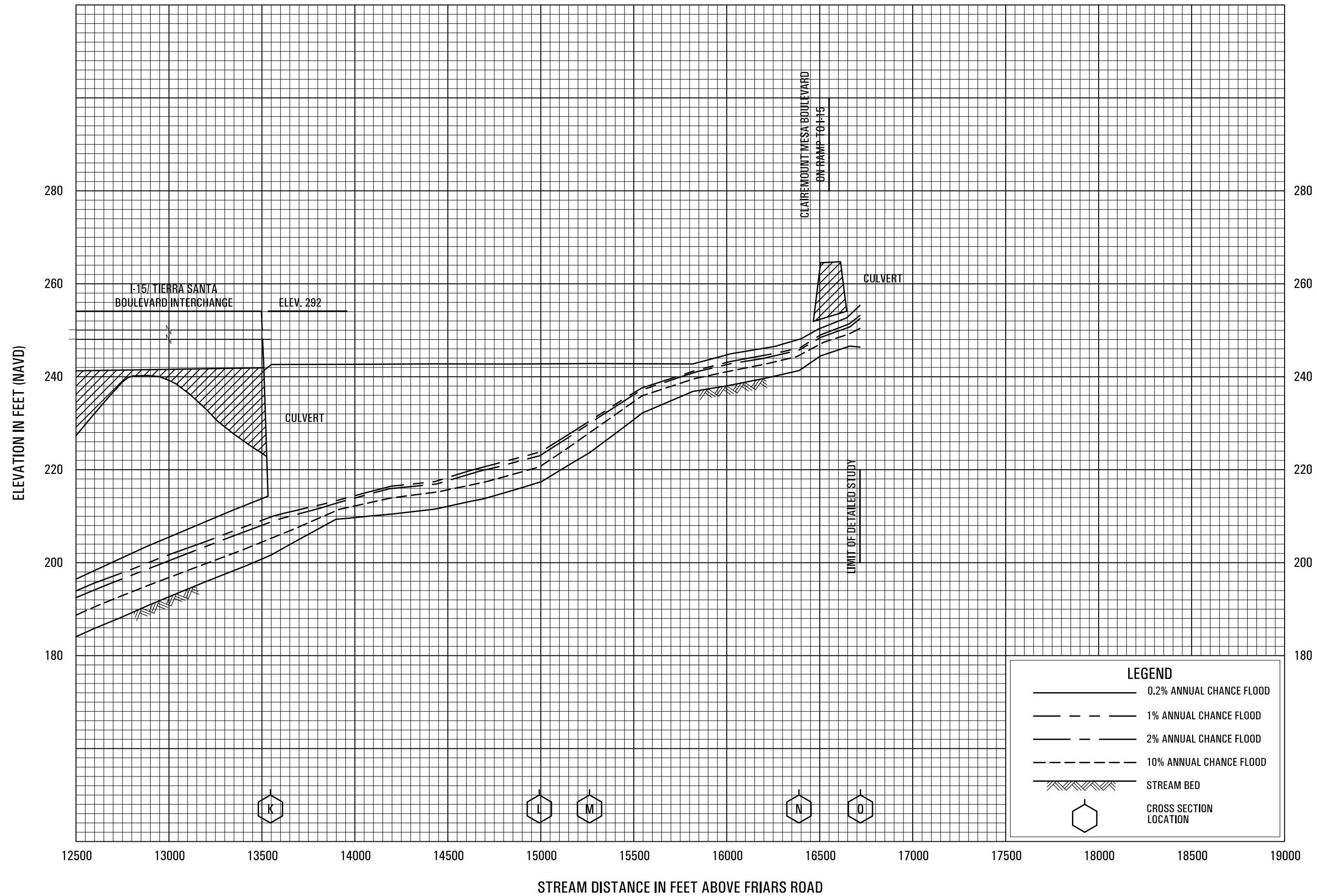


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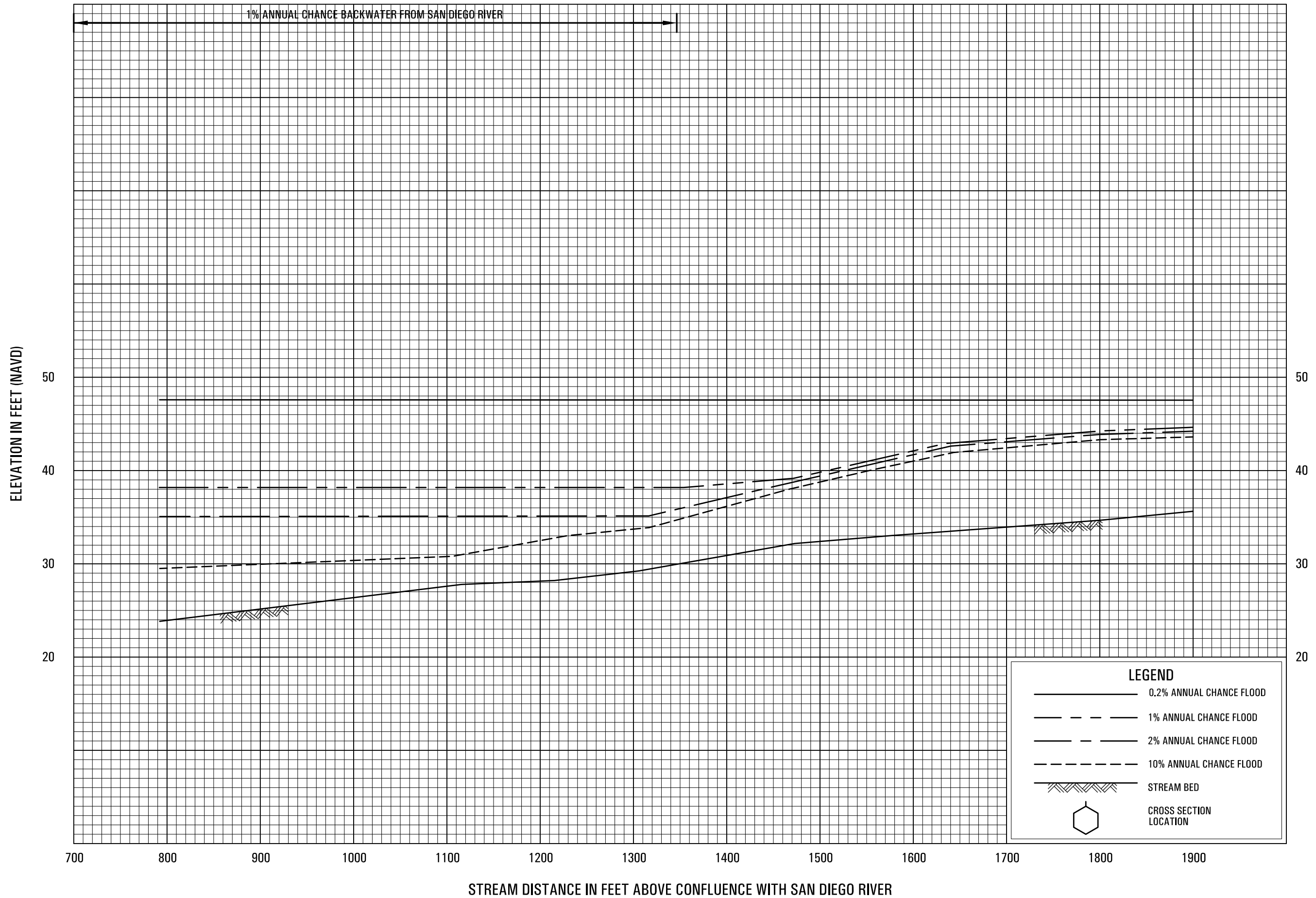
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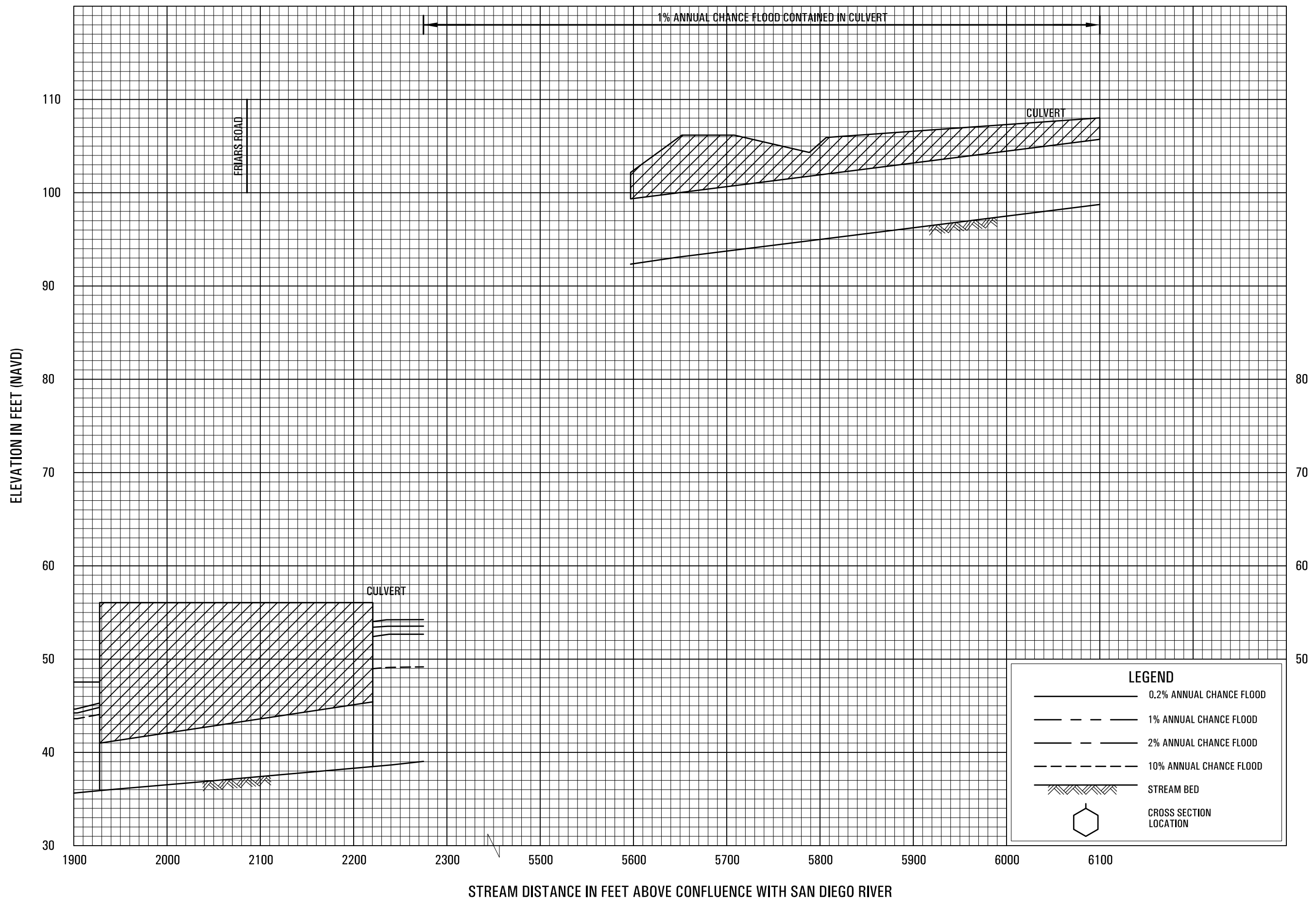
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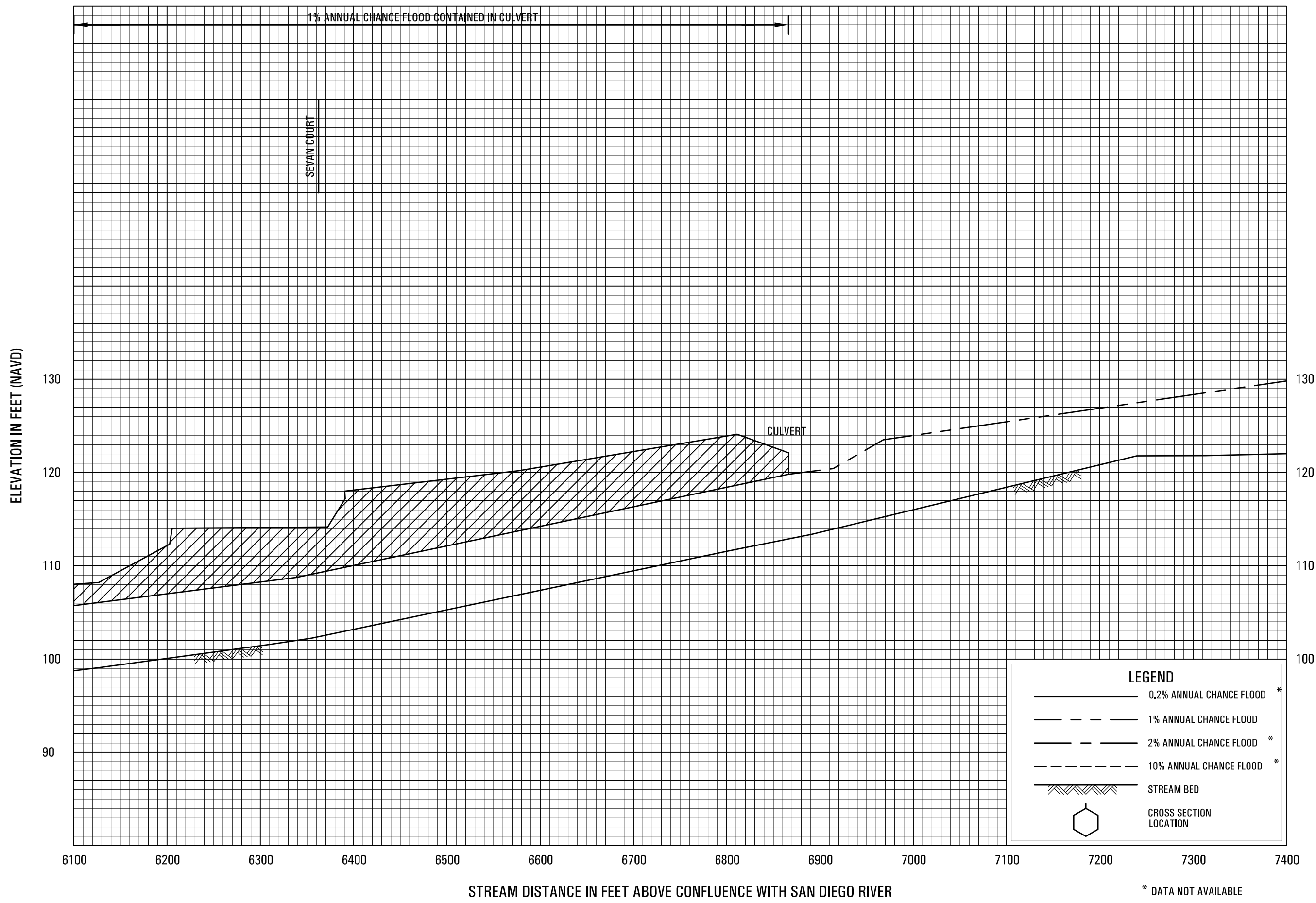
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- - - - 10% ANNUAL CHANCE FLOOD \*
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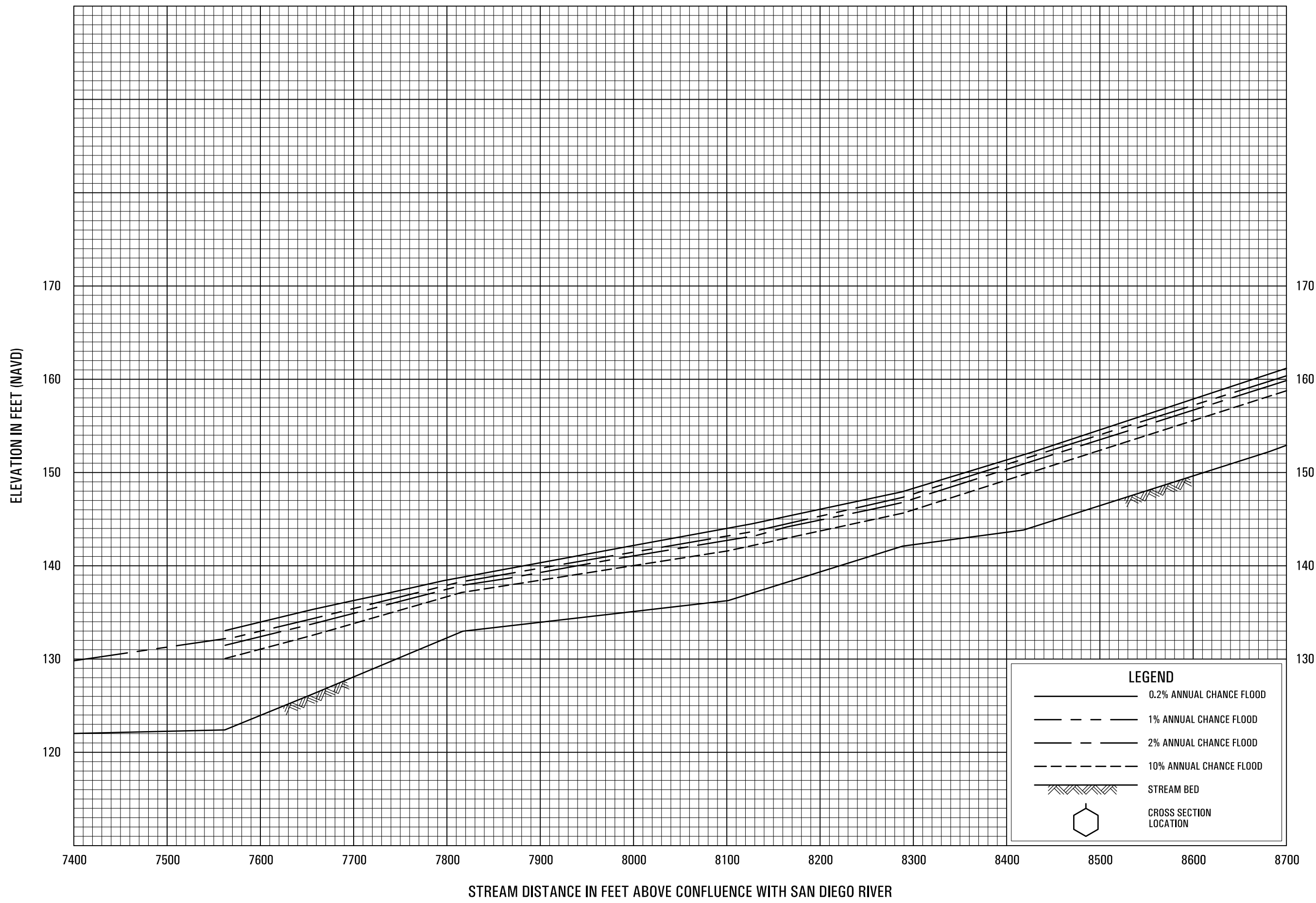
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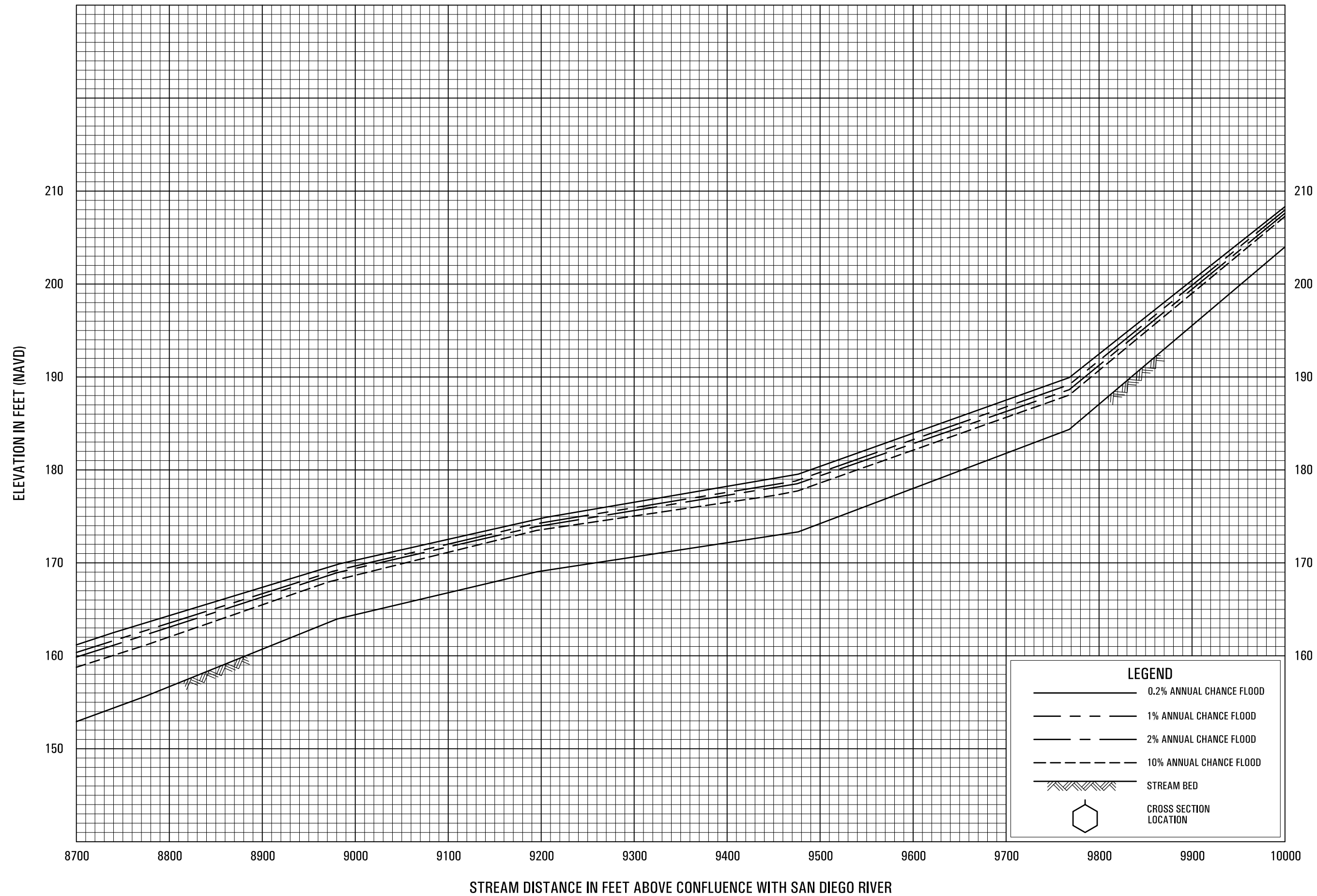


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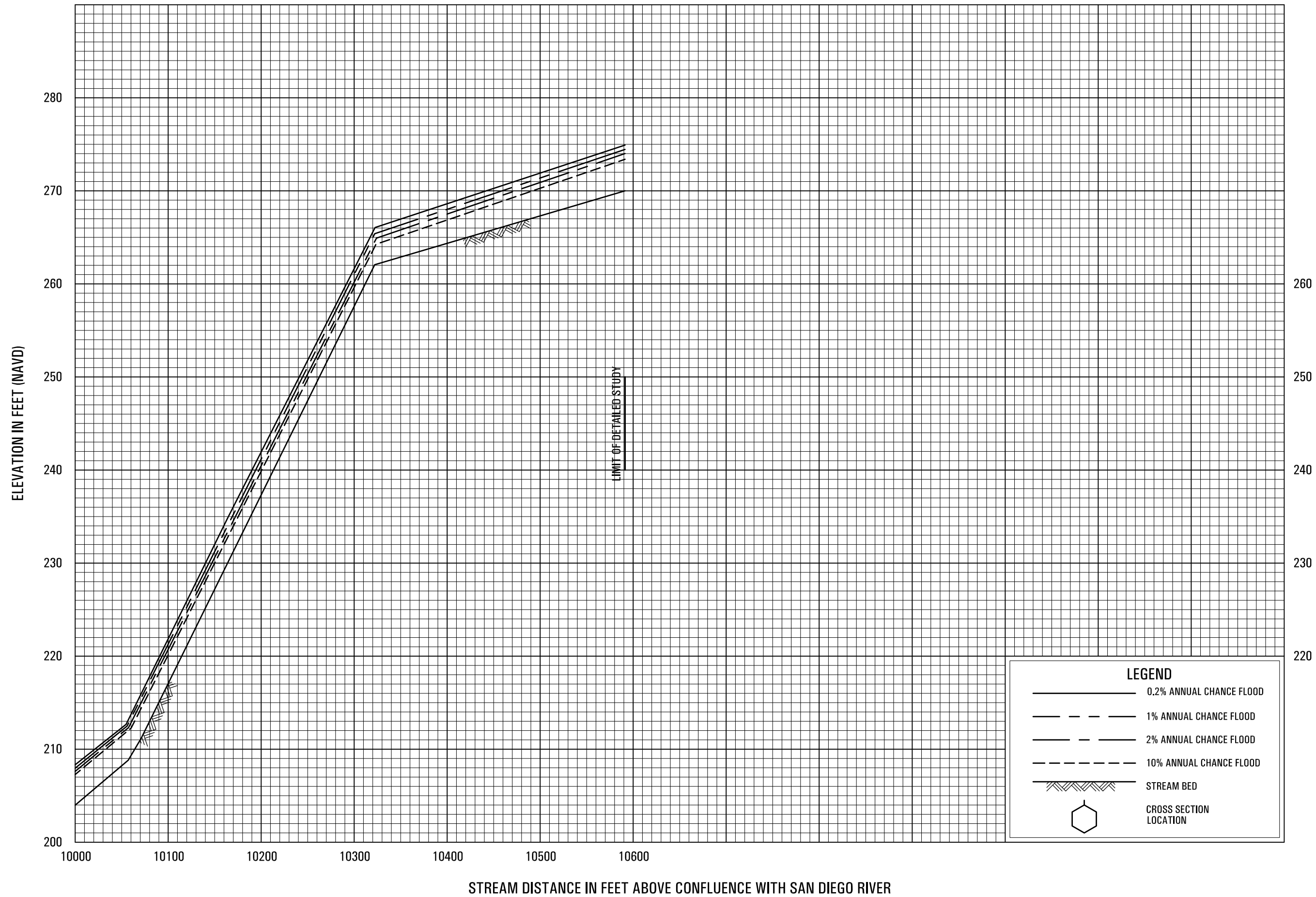


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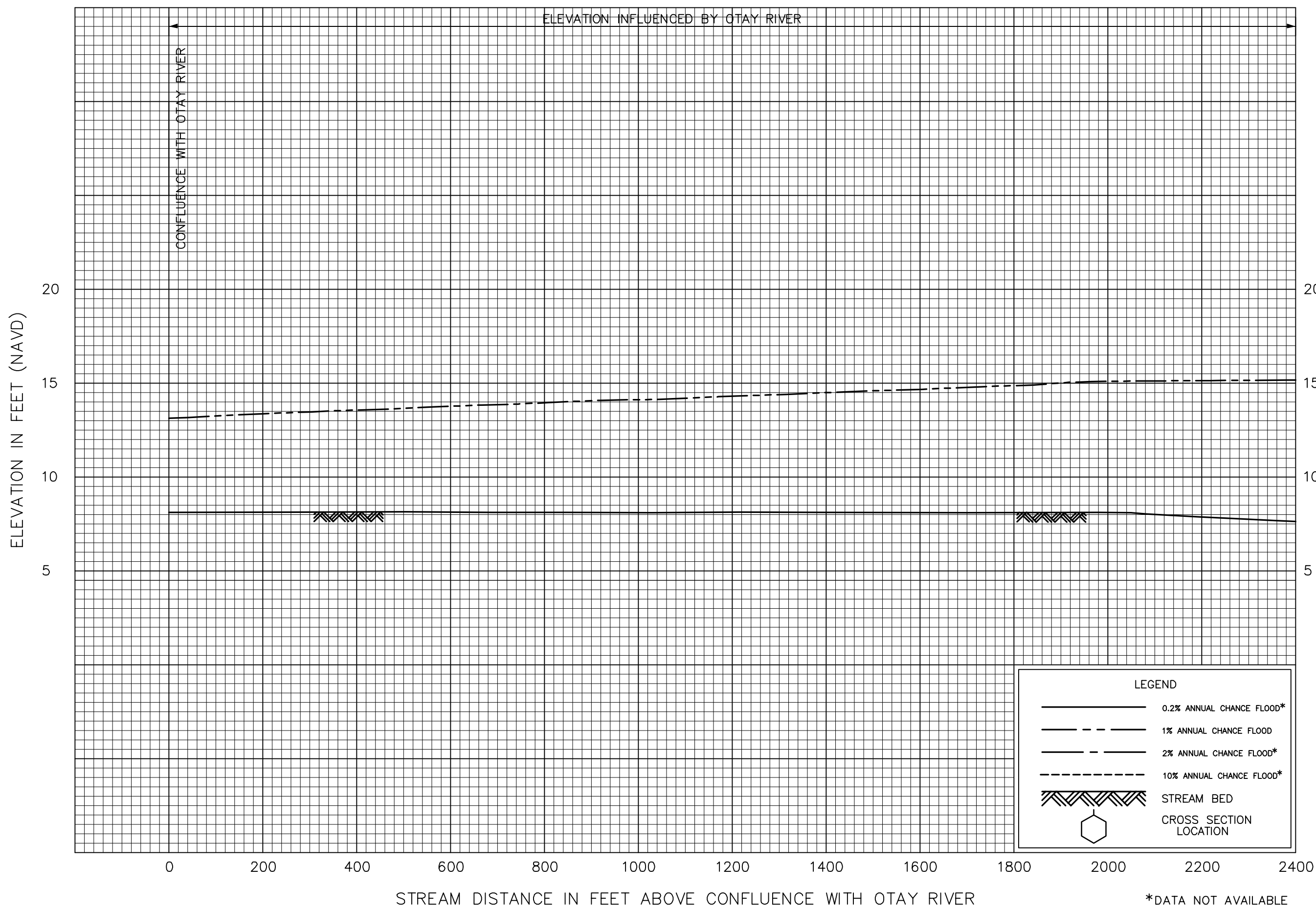


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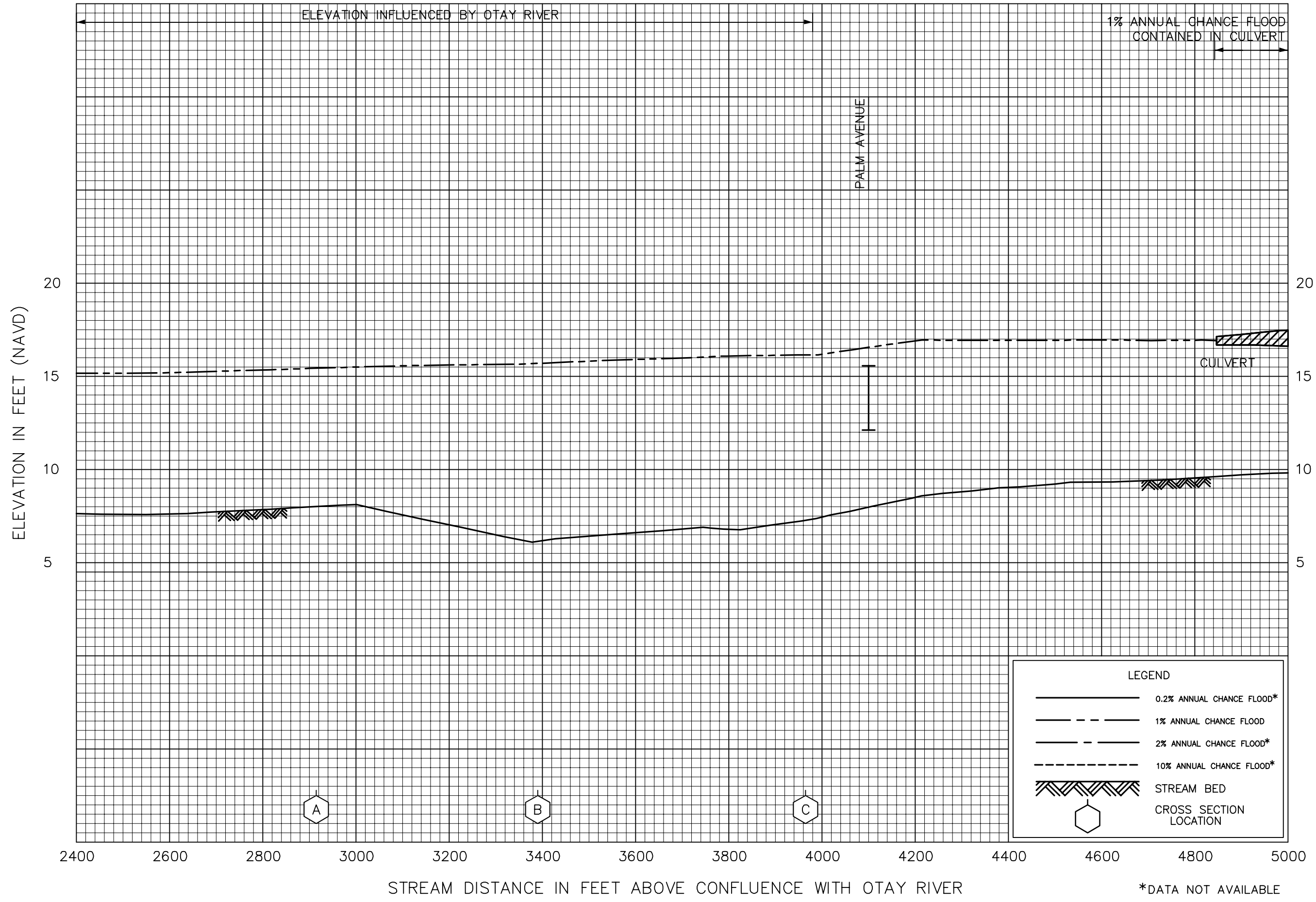
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NESTOR CREEK

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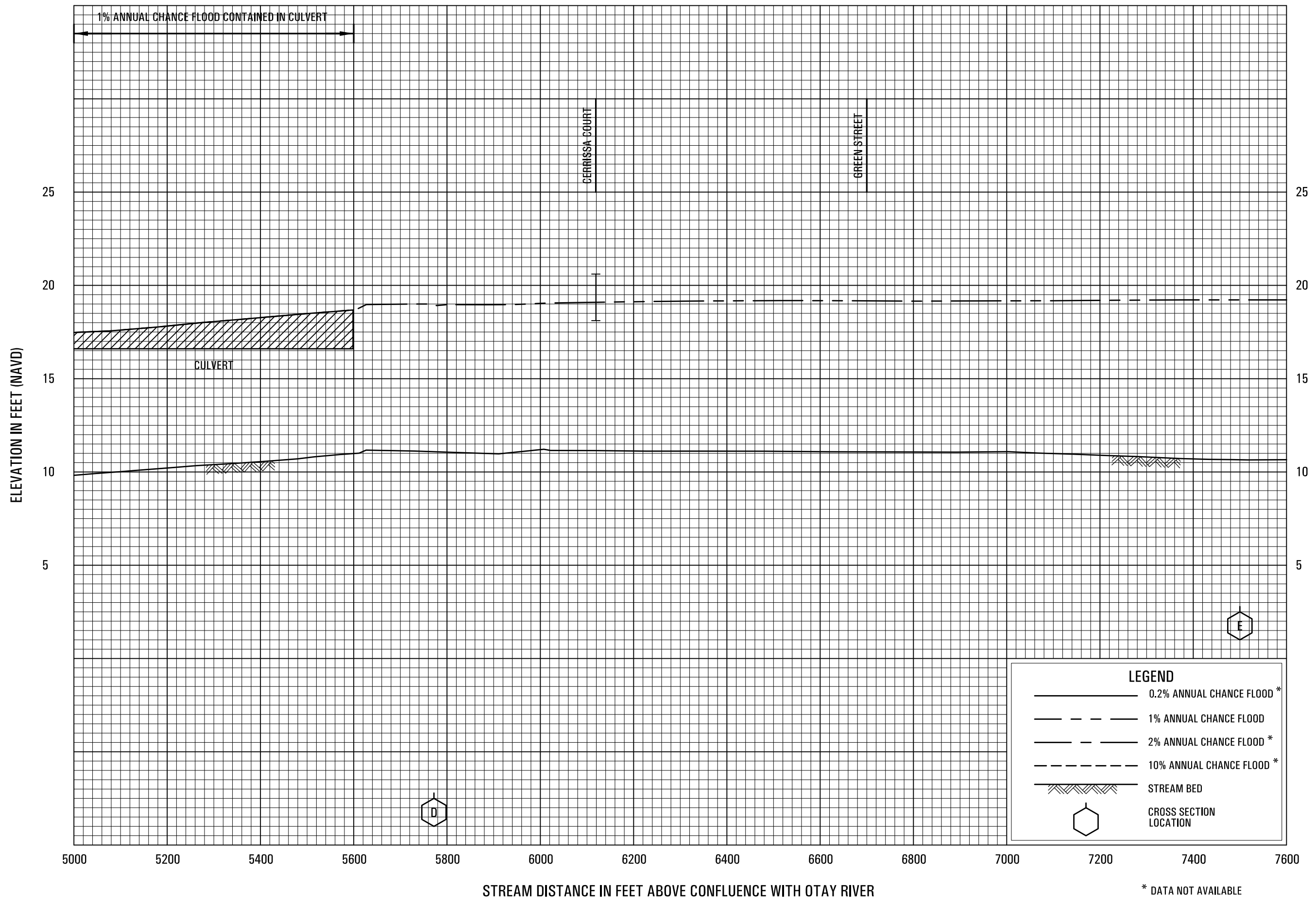
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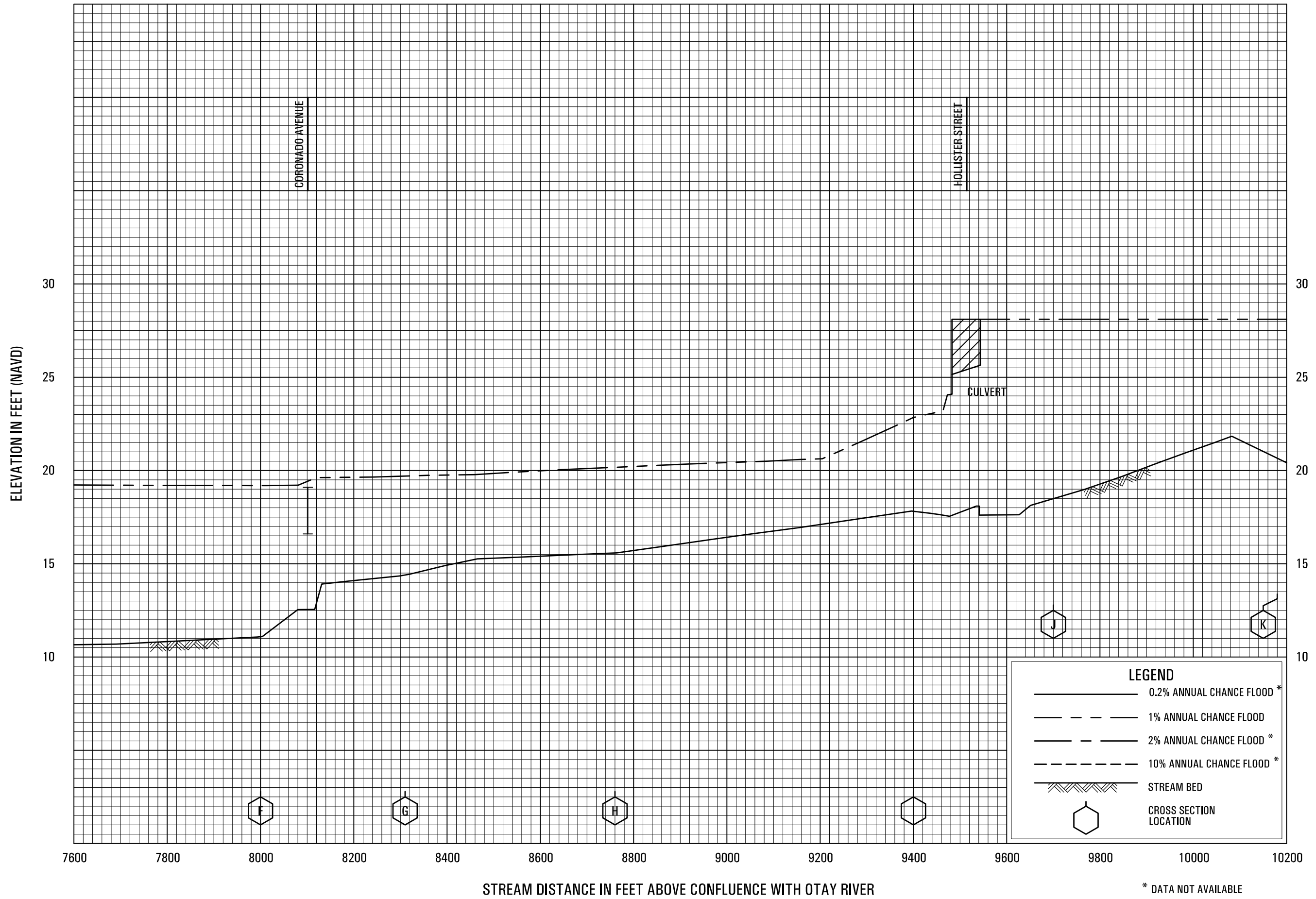
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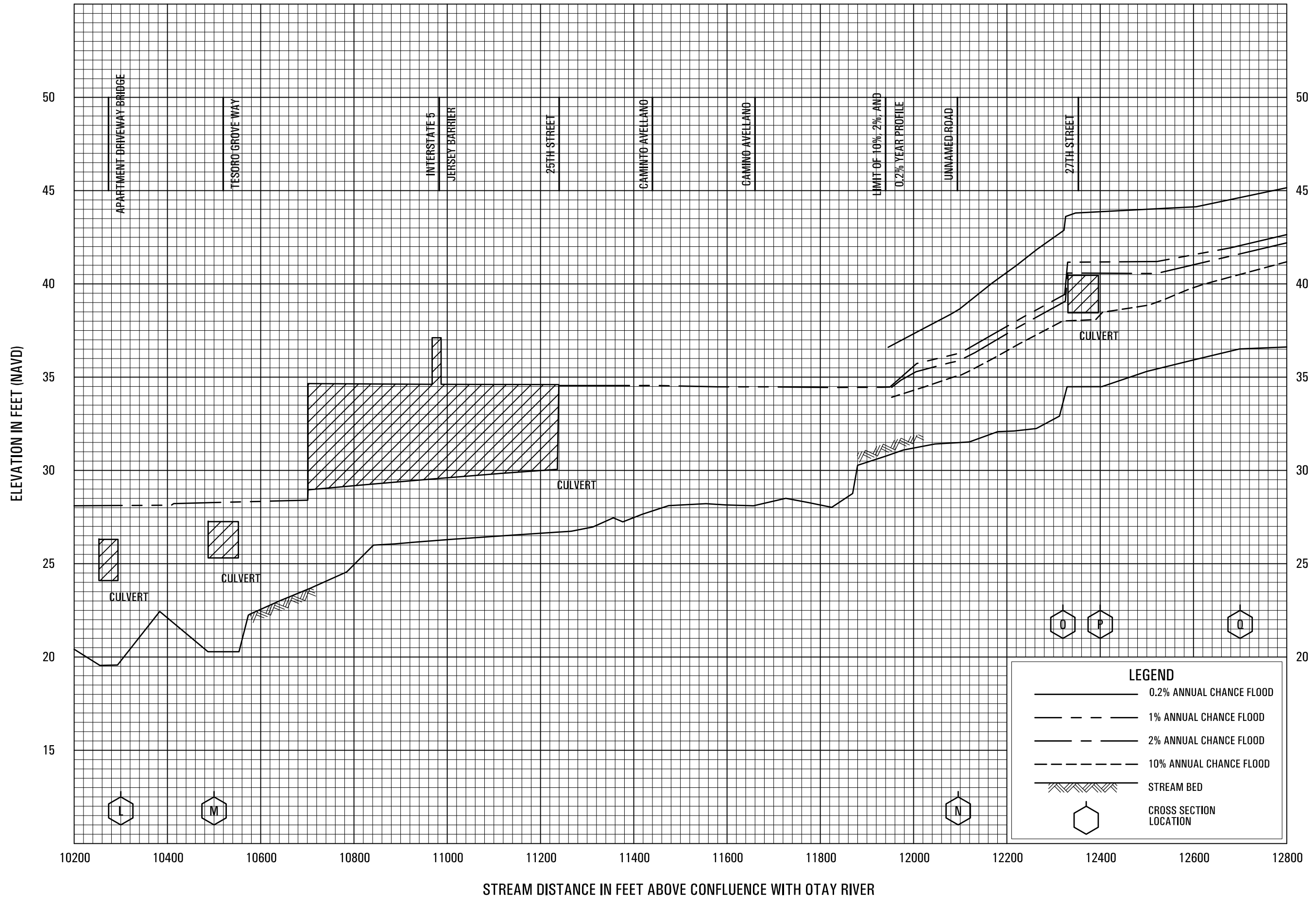
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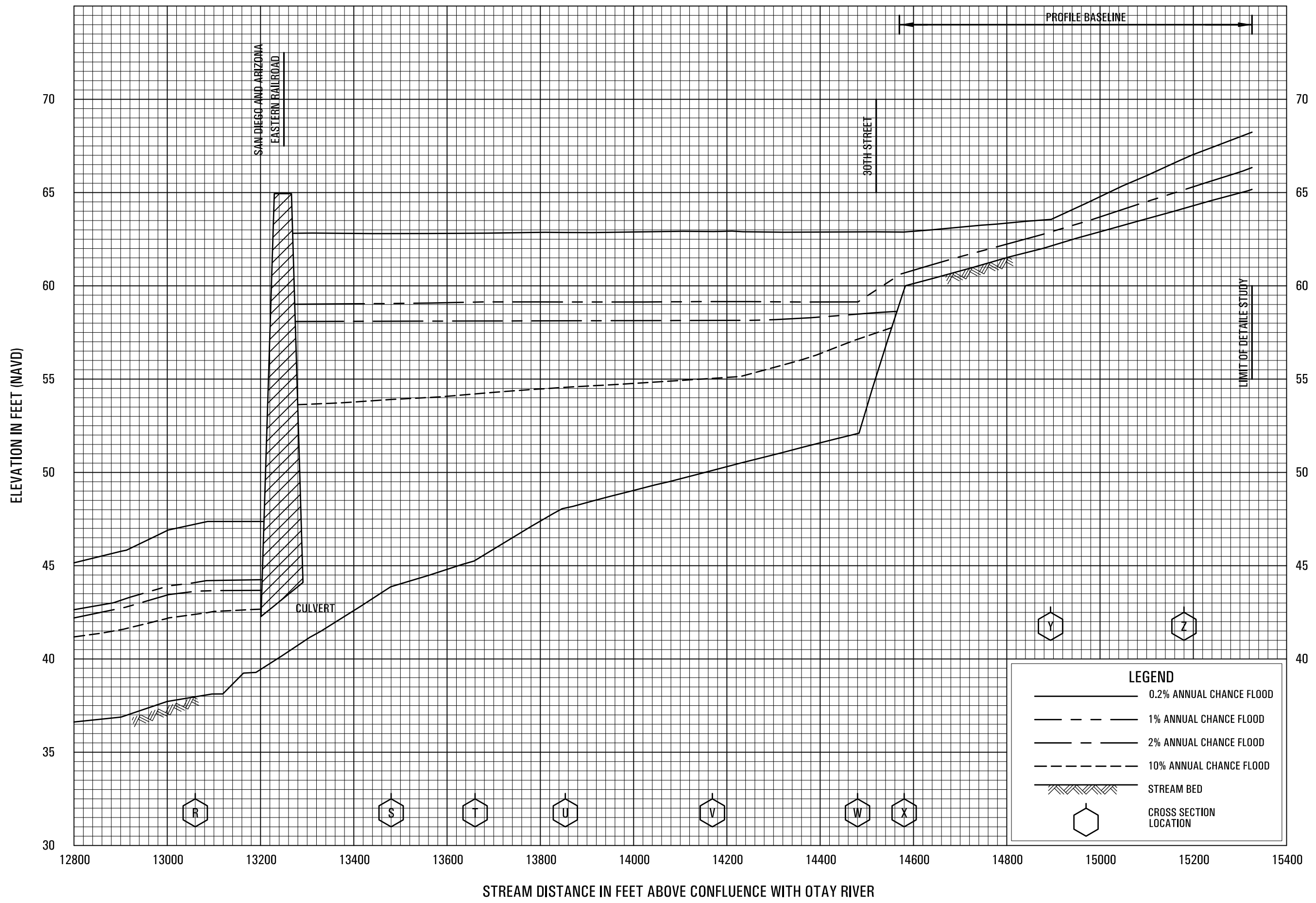


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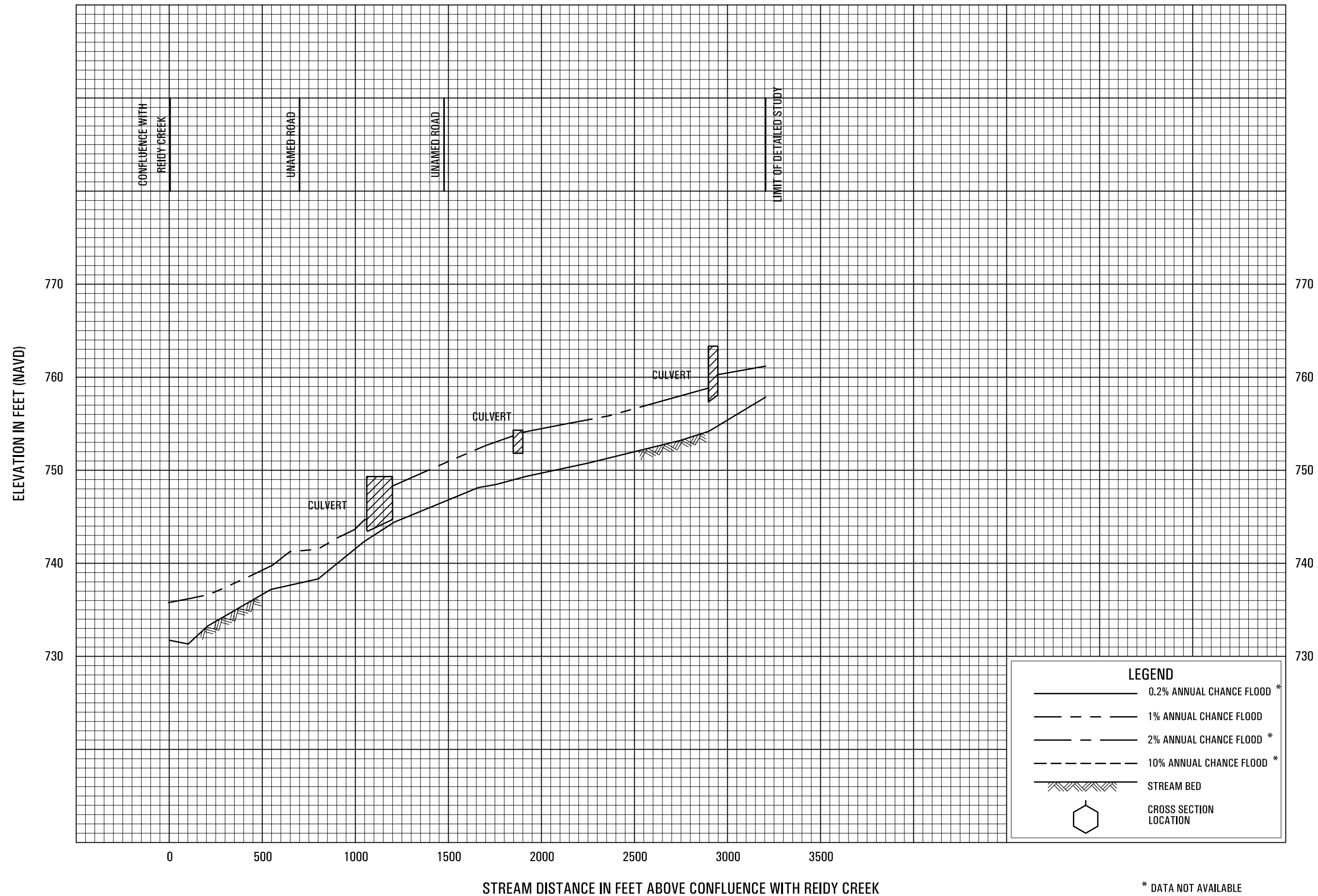


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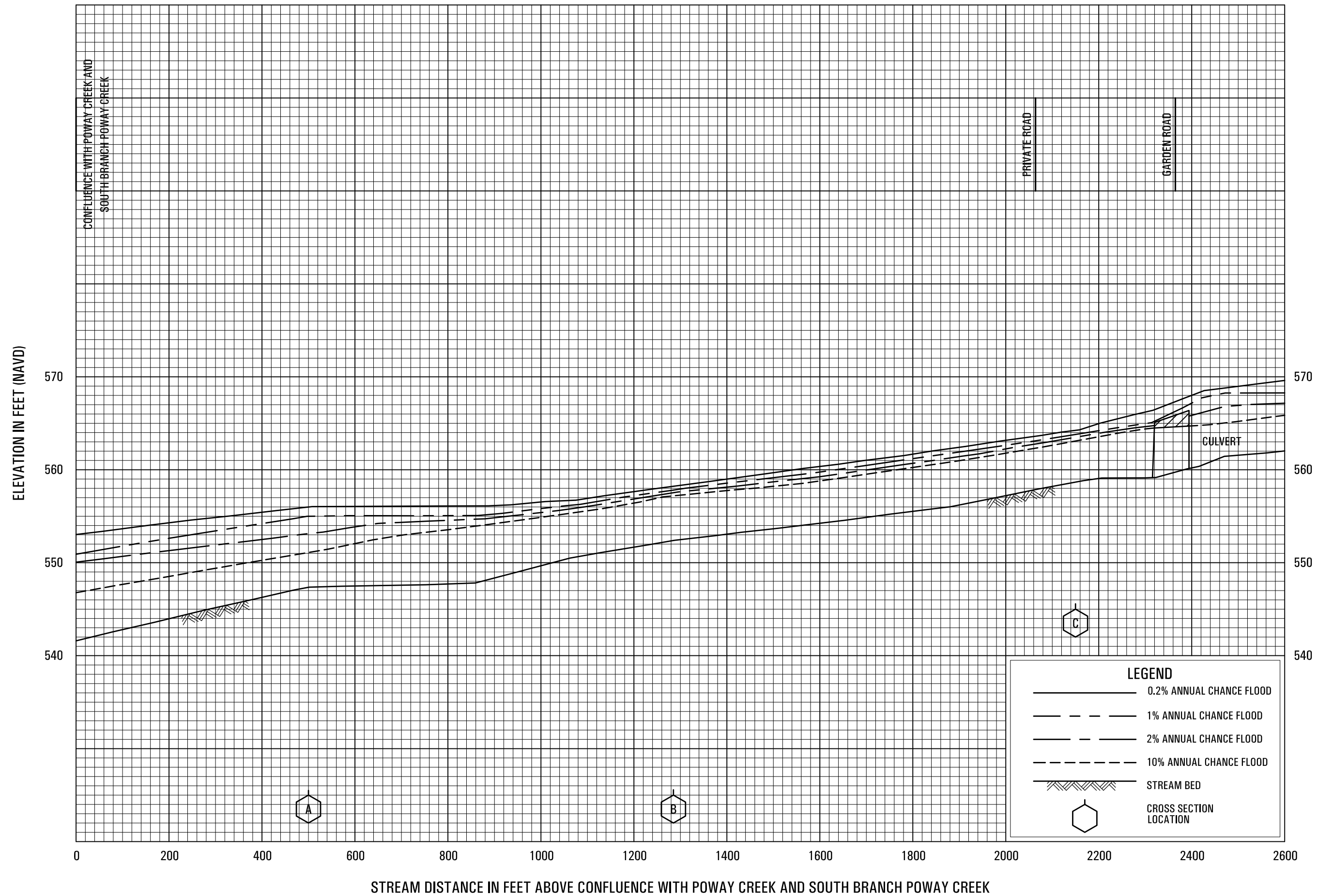


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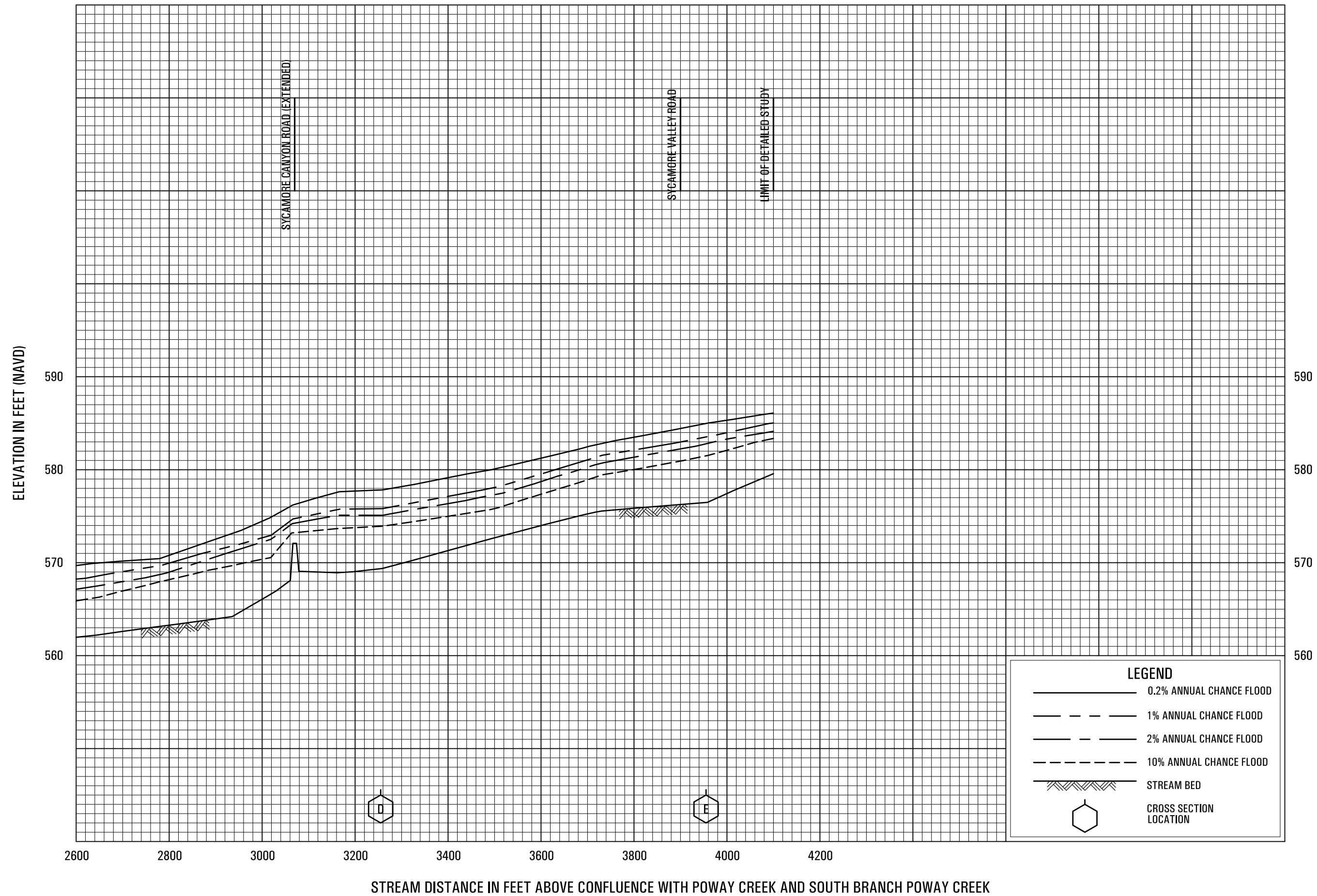
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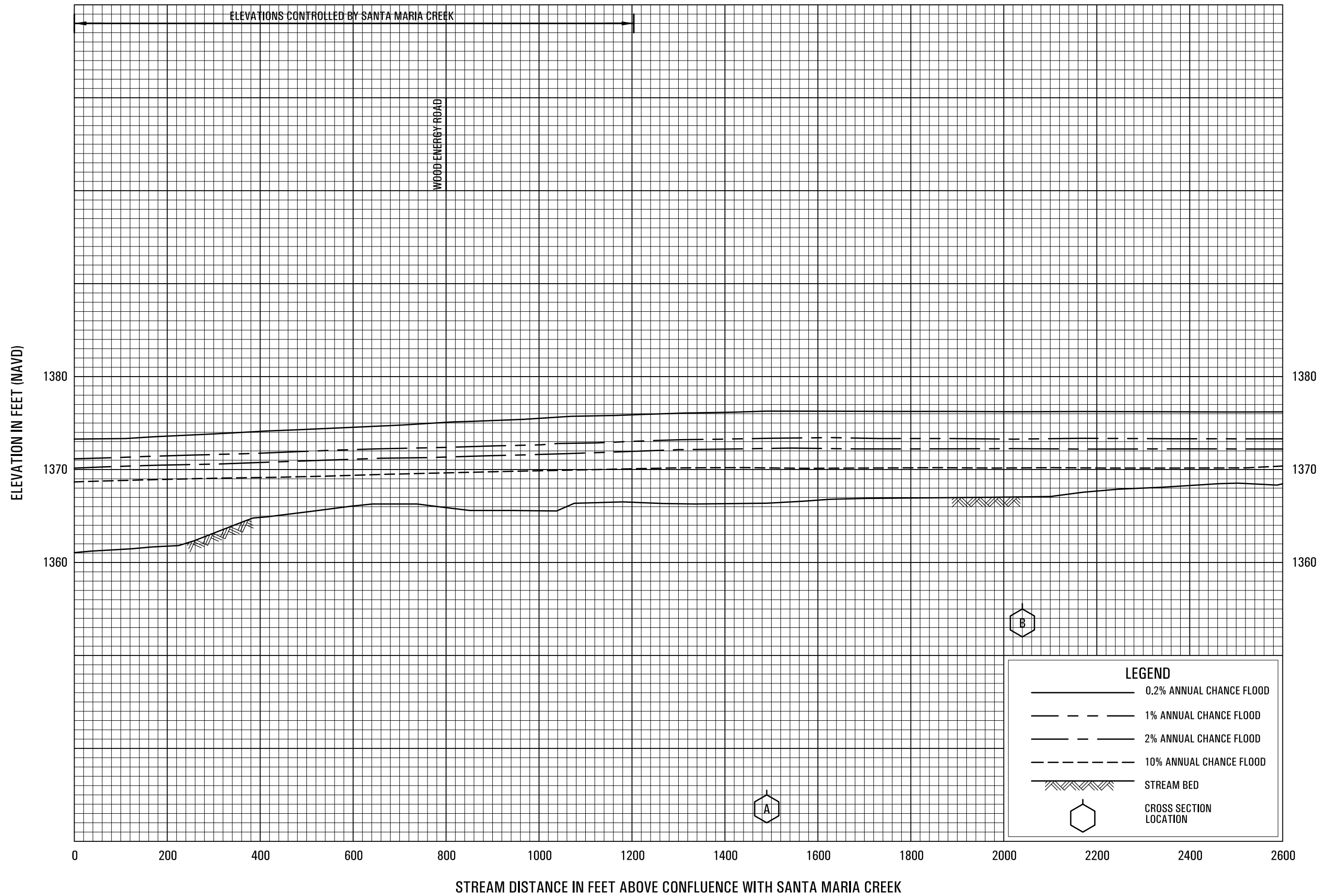


**FLOOD PROFILES**

**NORTH BRANCH POWAY CREEK**

FEDERAL EMERGENCY MANAGEMENT AGENCY

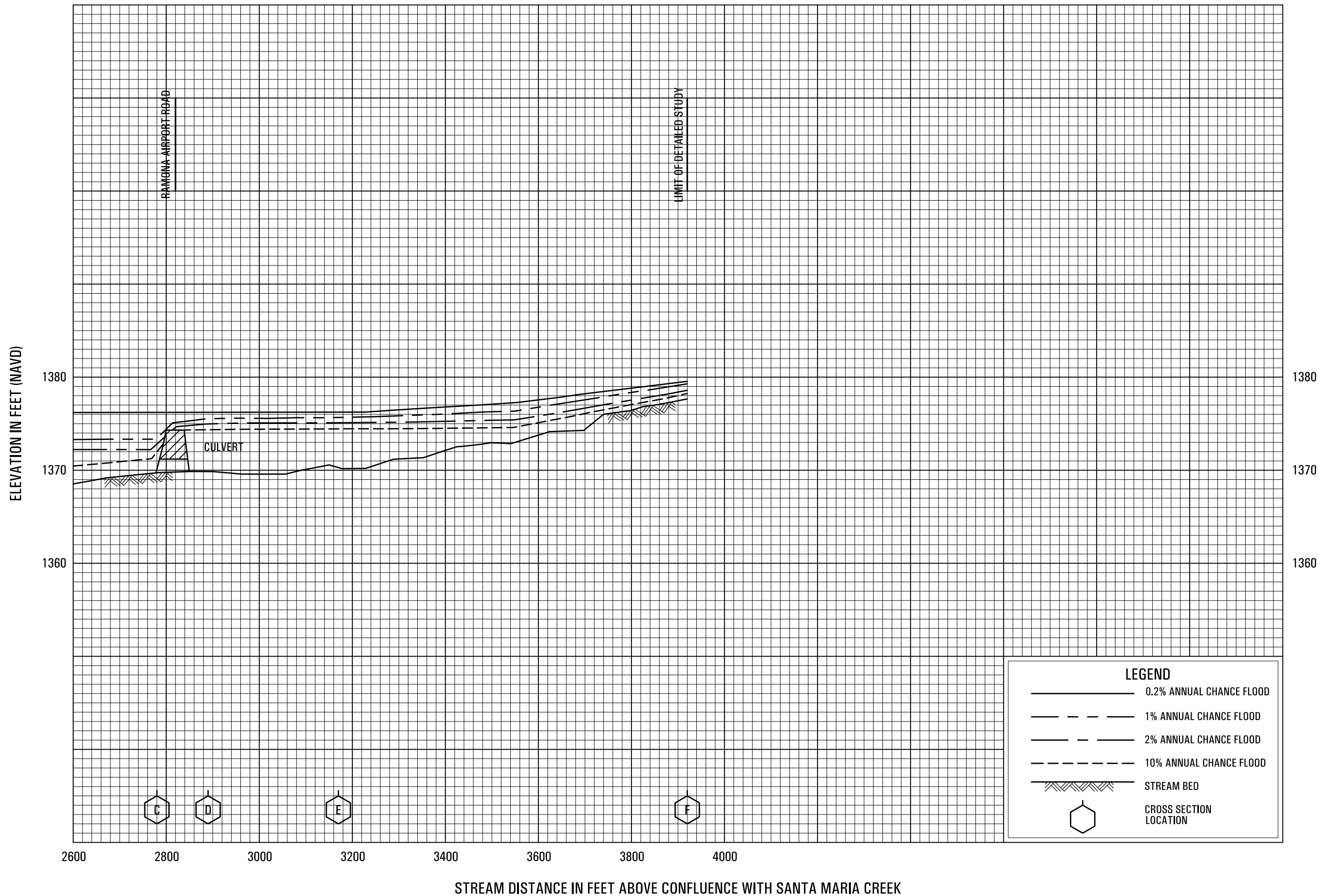
**SAN DIEGO COUNTY, CA**  
(AND INCORPORATED AREAS)



**FLOOD PROFILES**

**NORTH TRIBUTARY TO SANTA MARIA CREEK**

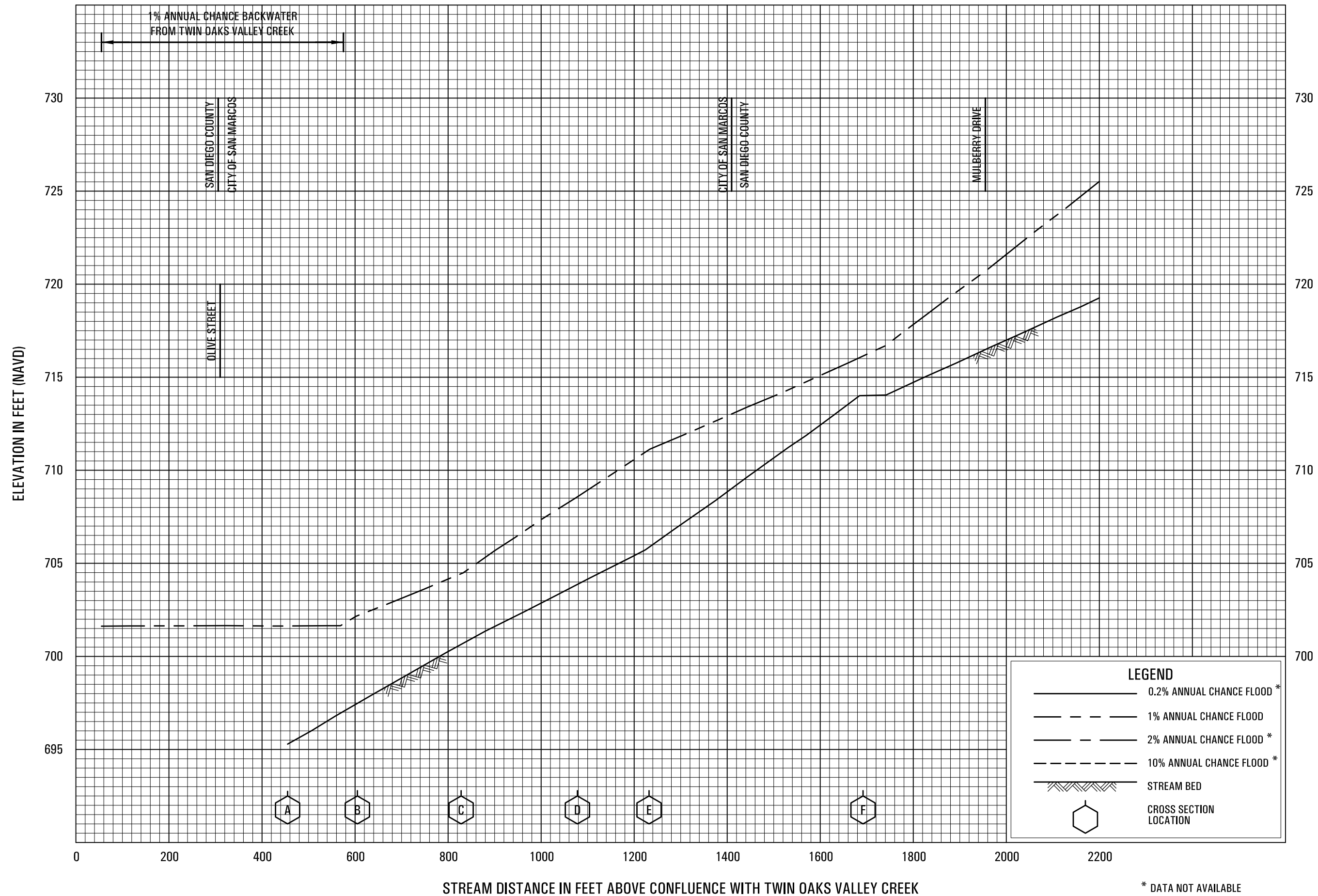
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**SAN DIEGO COUNTY, CA**  
 (AND INCORPORATED AREAS)



**FLOOD PROFILES**

**NORTH TRIBUTARY TO SANTA MARIA CREEK**

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



**FLOOD PROFILES**

**OLIVE CREEK**

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

\* DATA NOT AVAILABLE



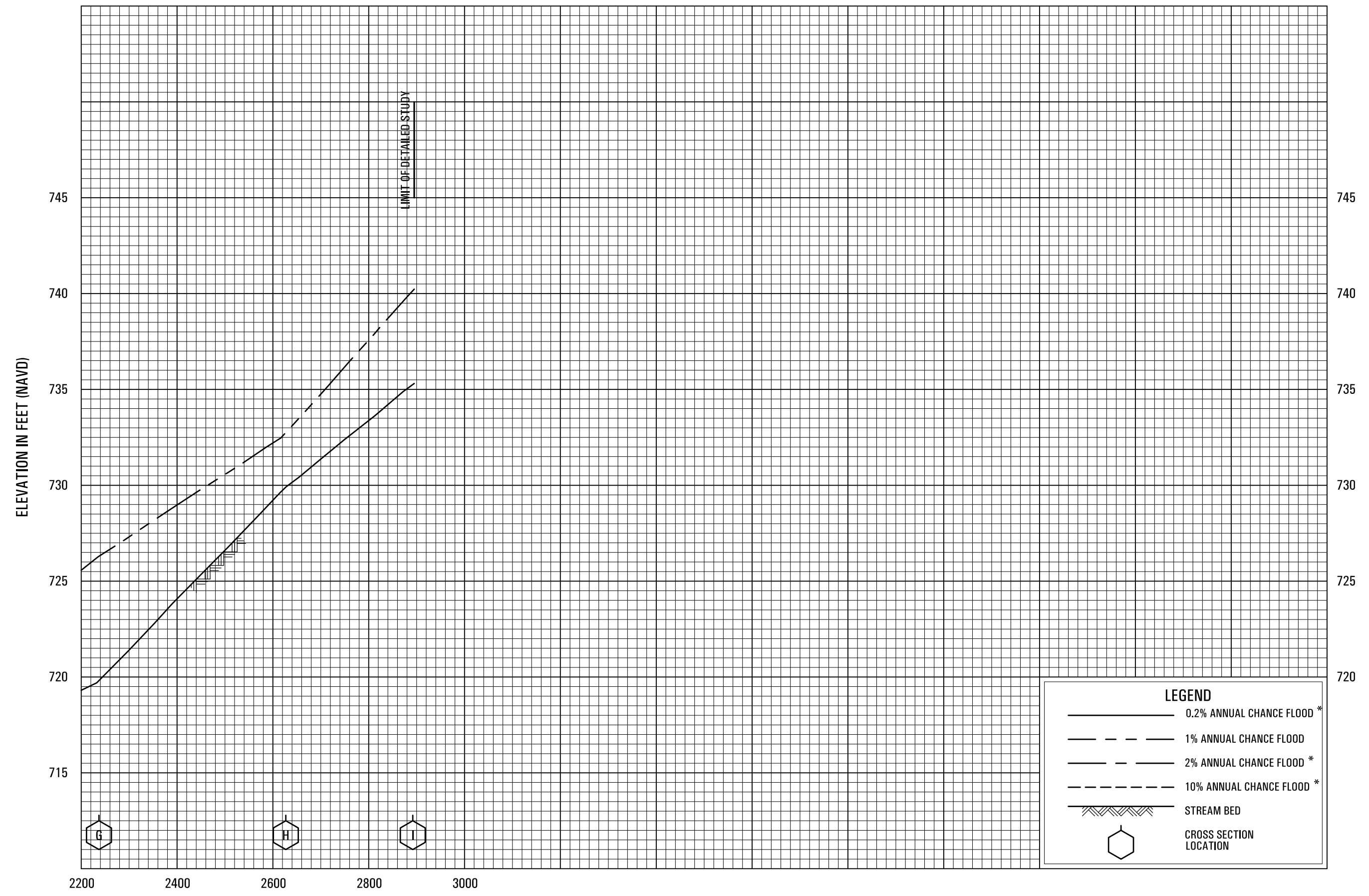
**FLOOD PROFILES**

**OLIVE CREEK**

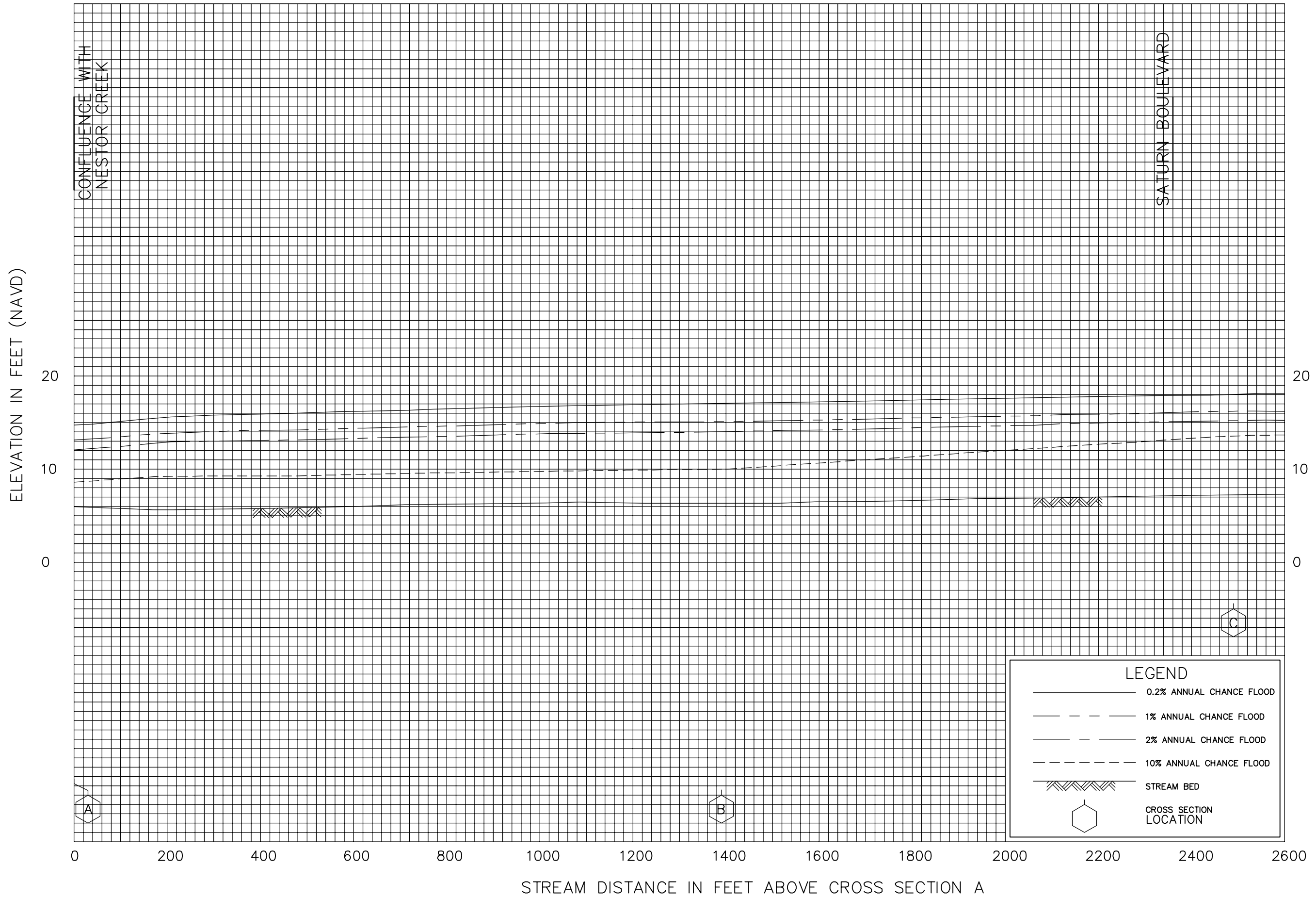
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**SAN DIEGO COUNTY, CA**  
(AND INCORPORATED AREAS)

**257P**



\* DATA NOT AVAILABLE

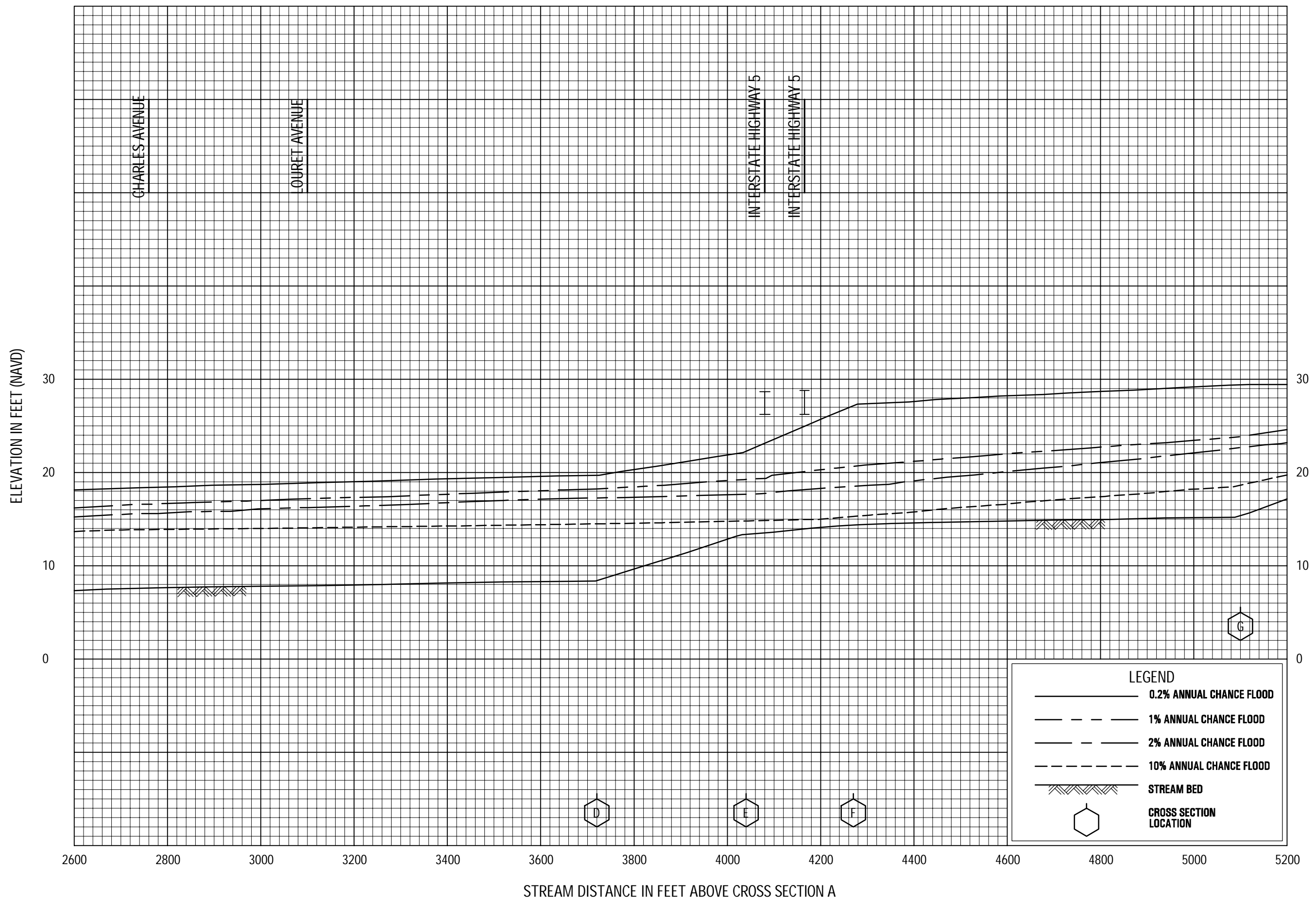


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

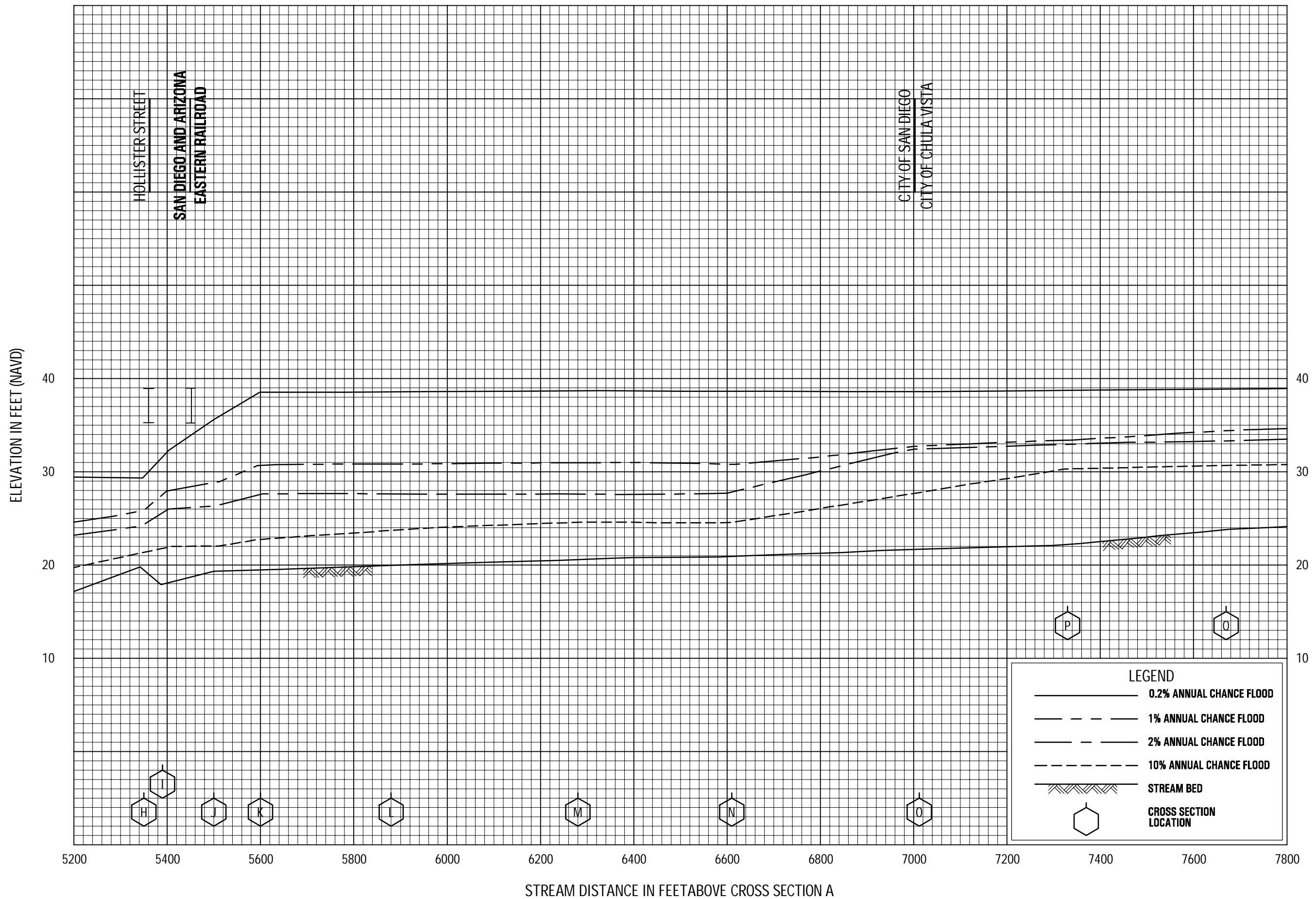
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

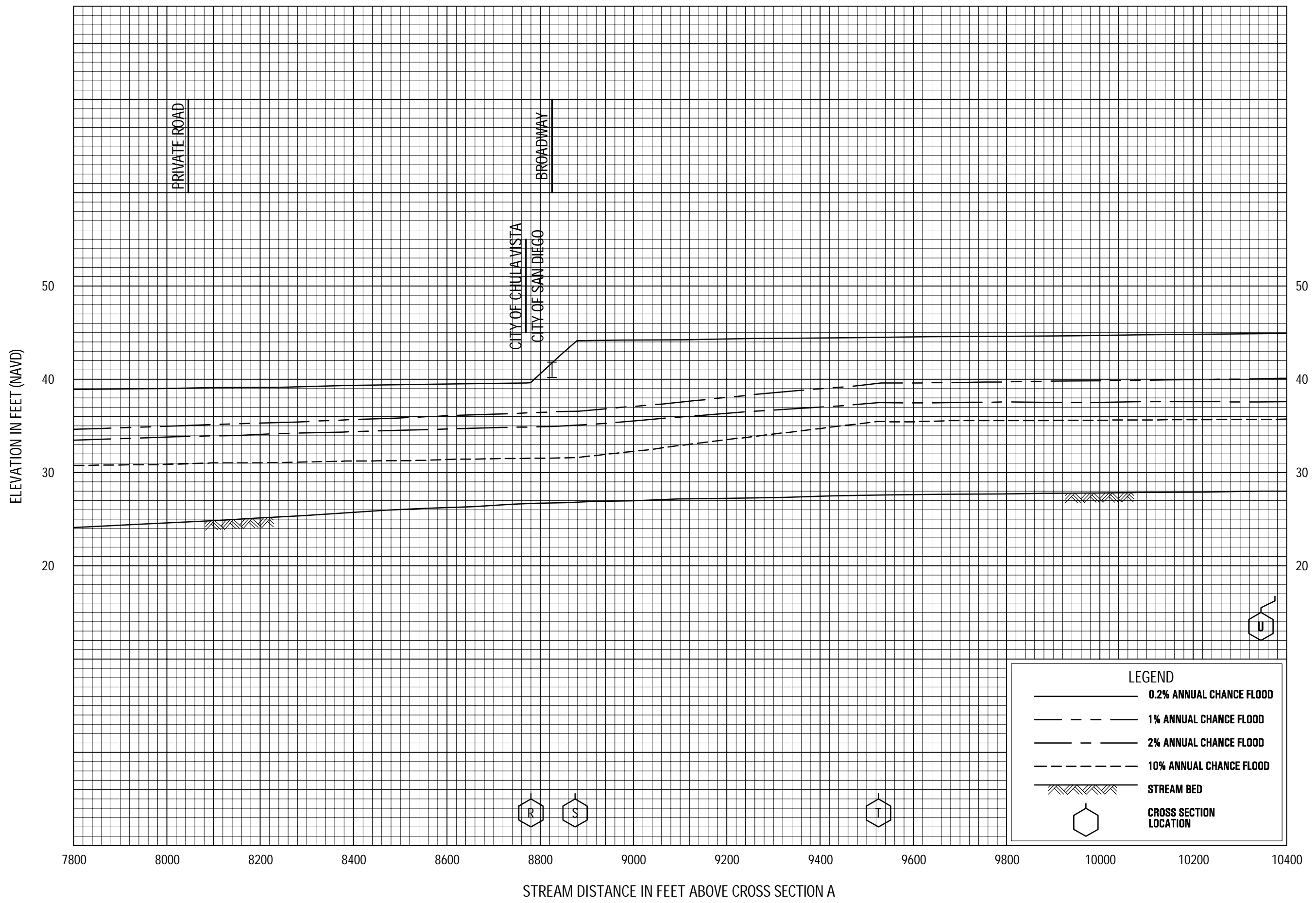
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

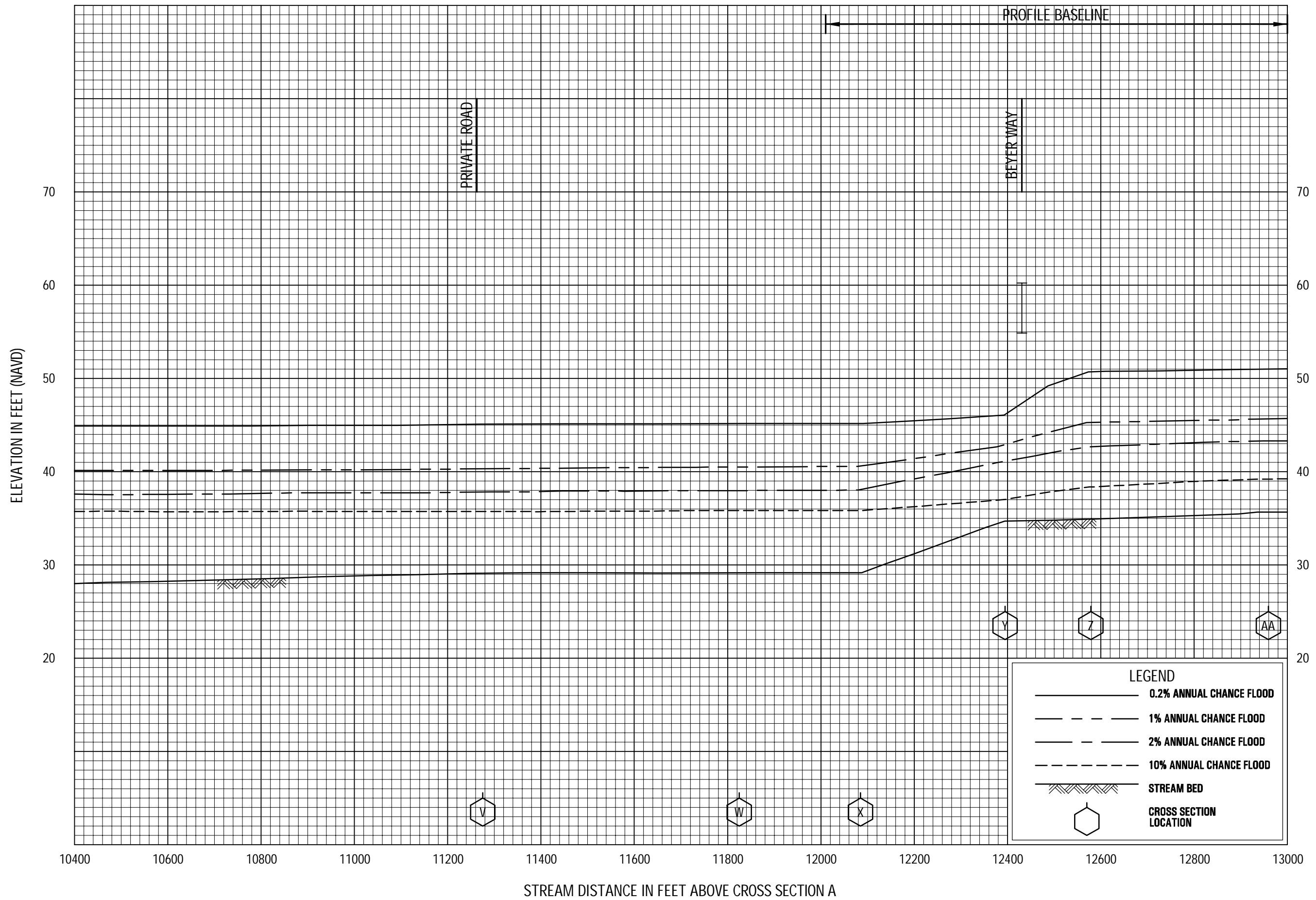
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

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

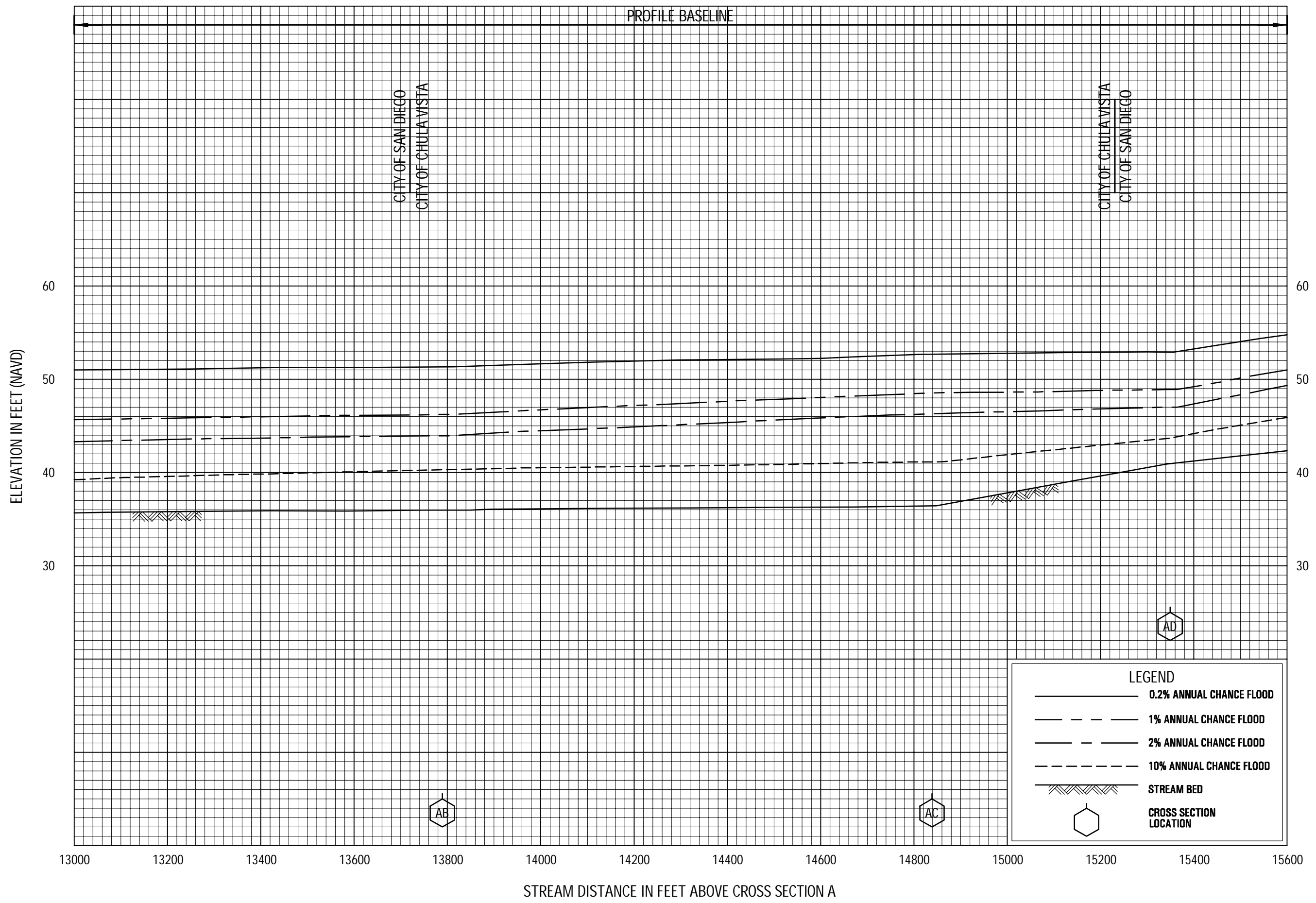


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

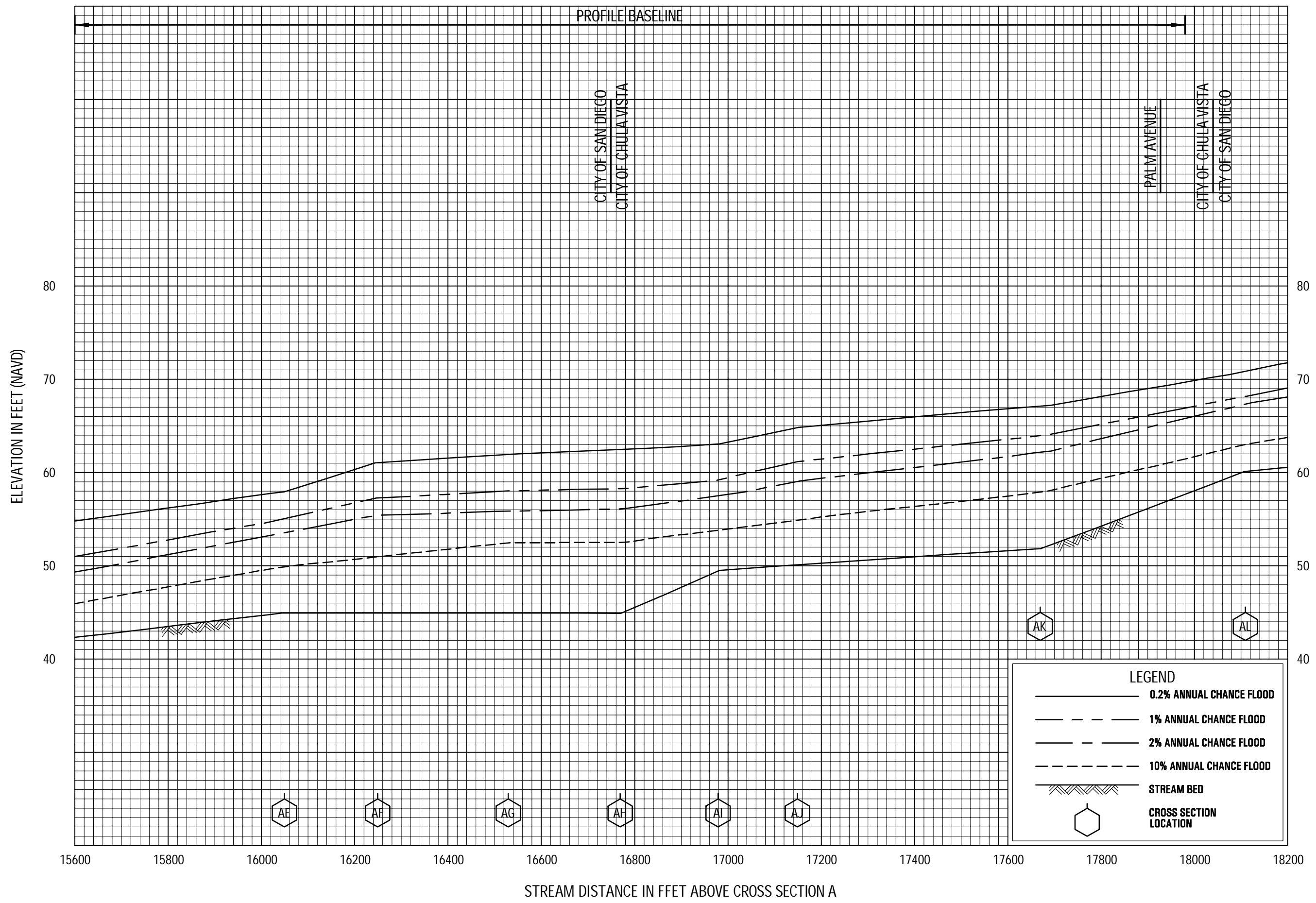
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

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



**FLOOD PROFILES**

OTAY RIVER

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



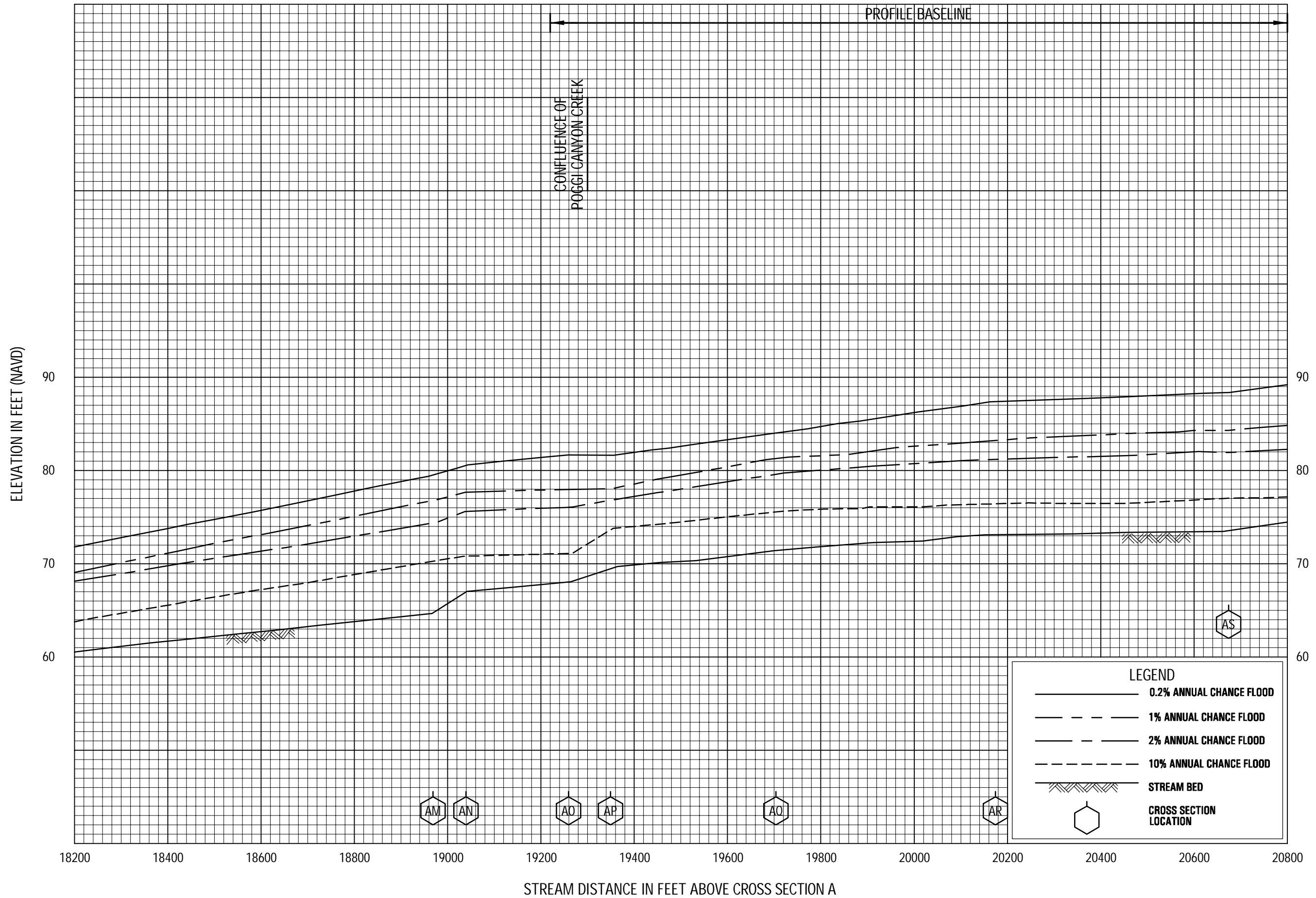
FLOOD PROFILES

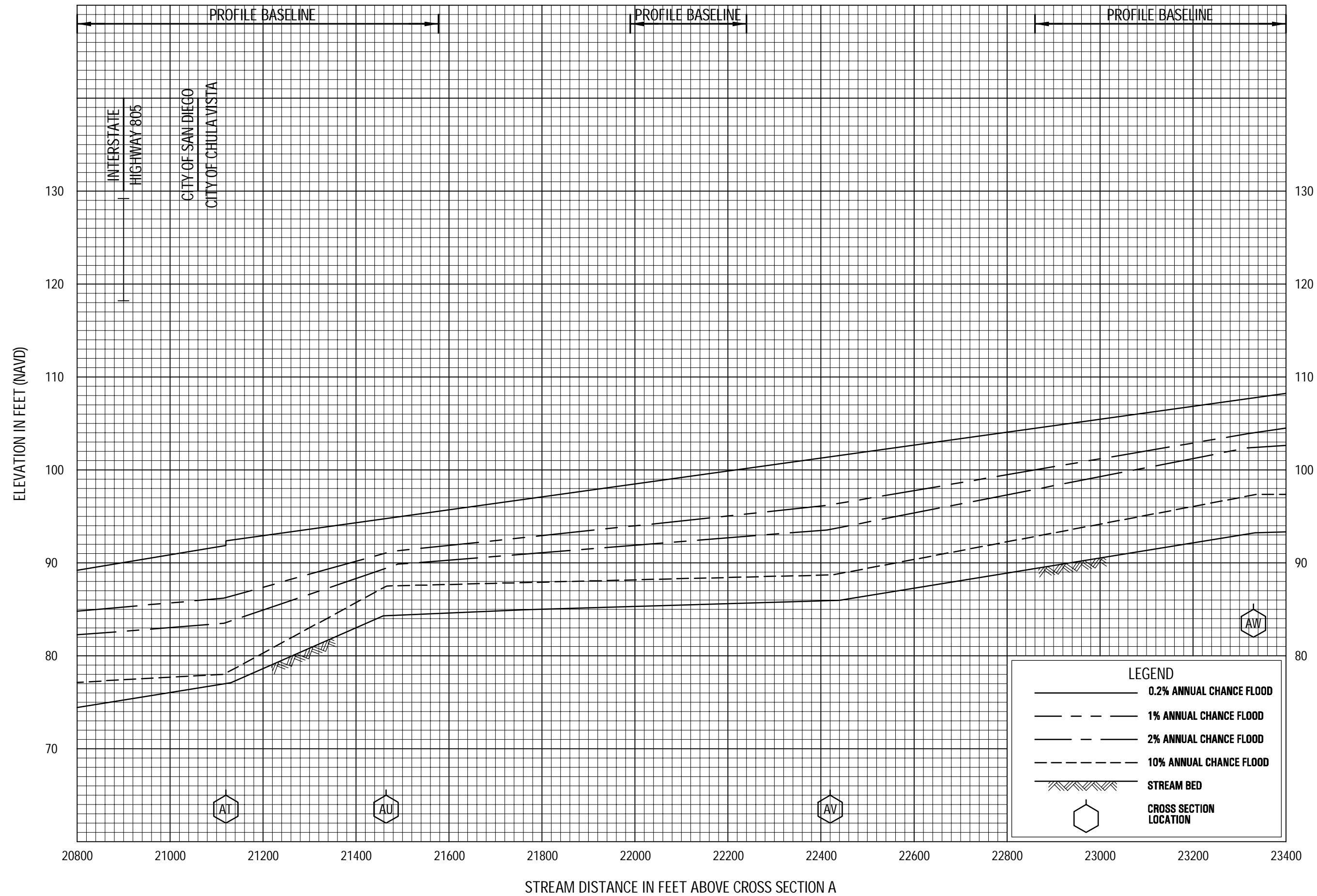
OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

265P





**FLOOD PROFILES**

OTAY RIVER

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

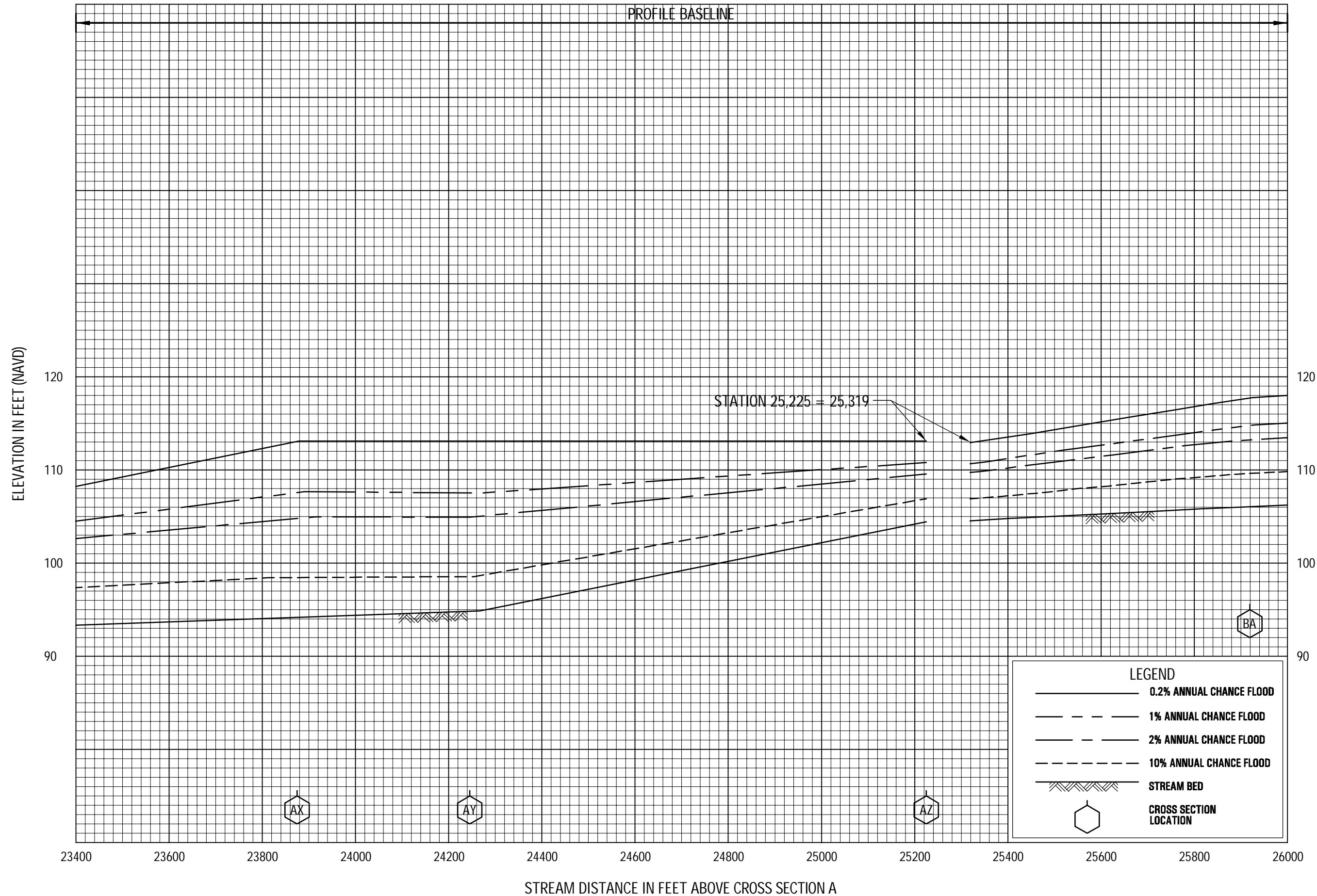
FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

267P



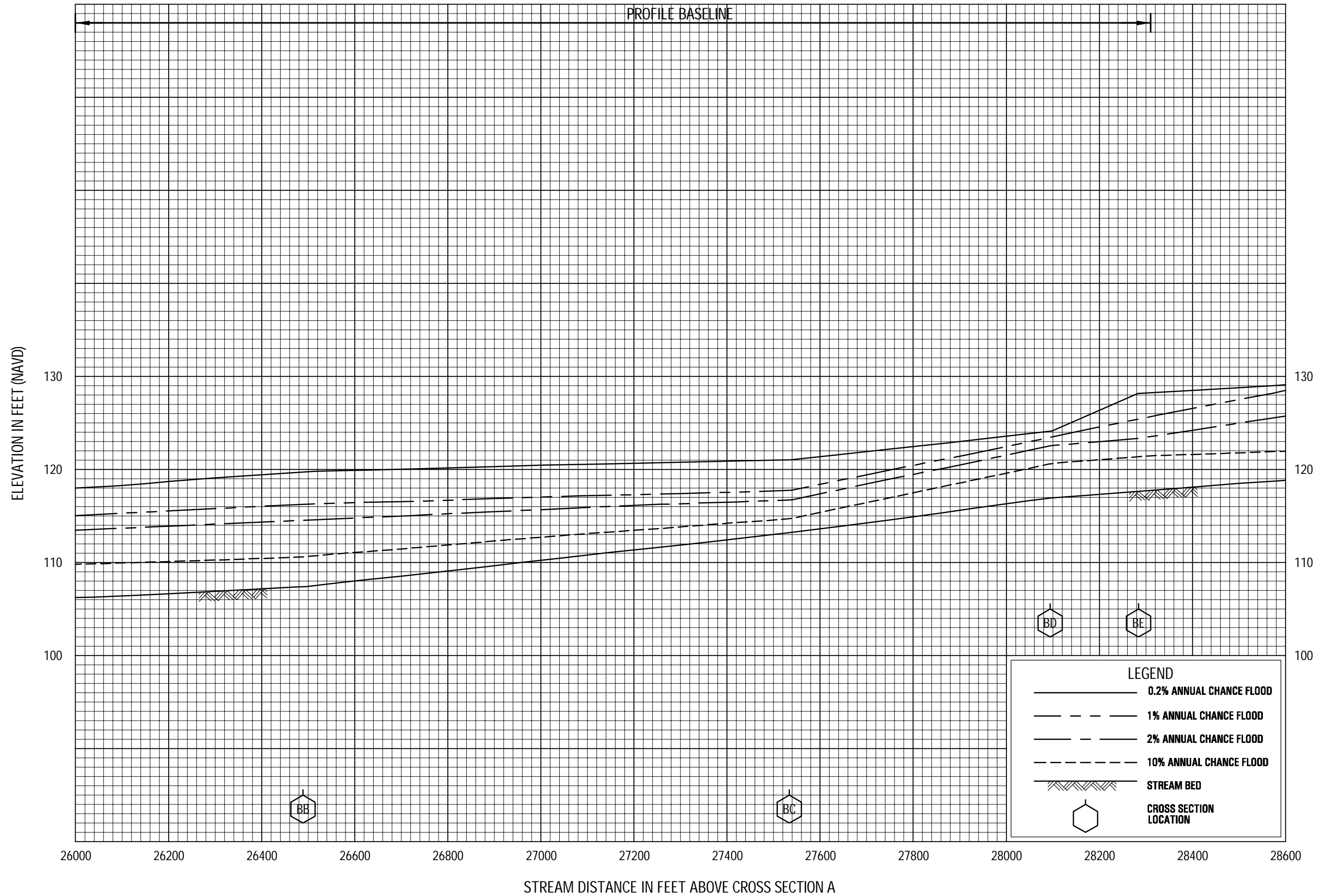
FLOOD PROFILES

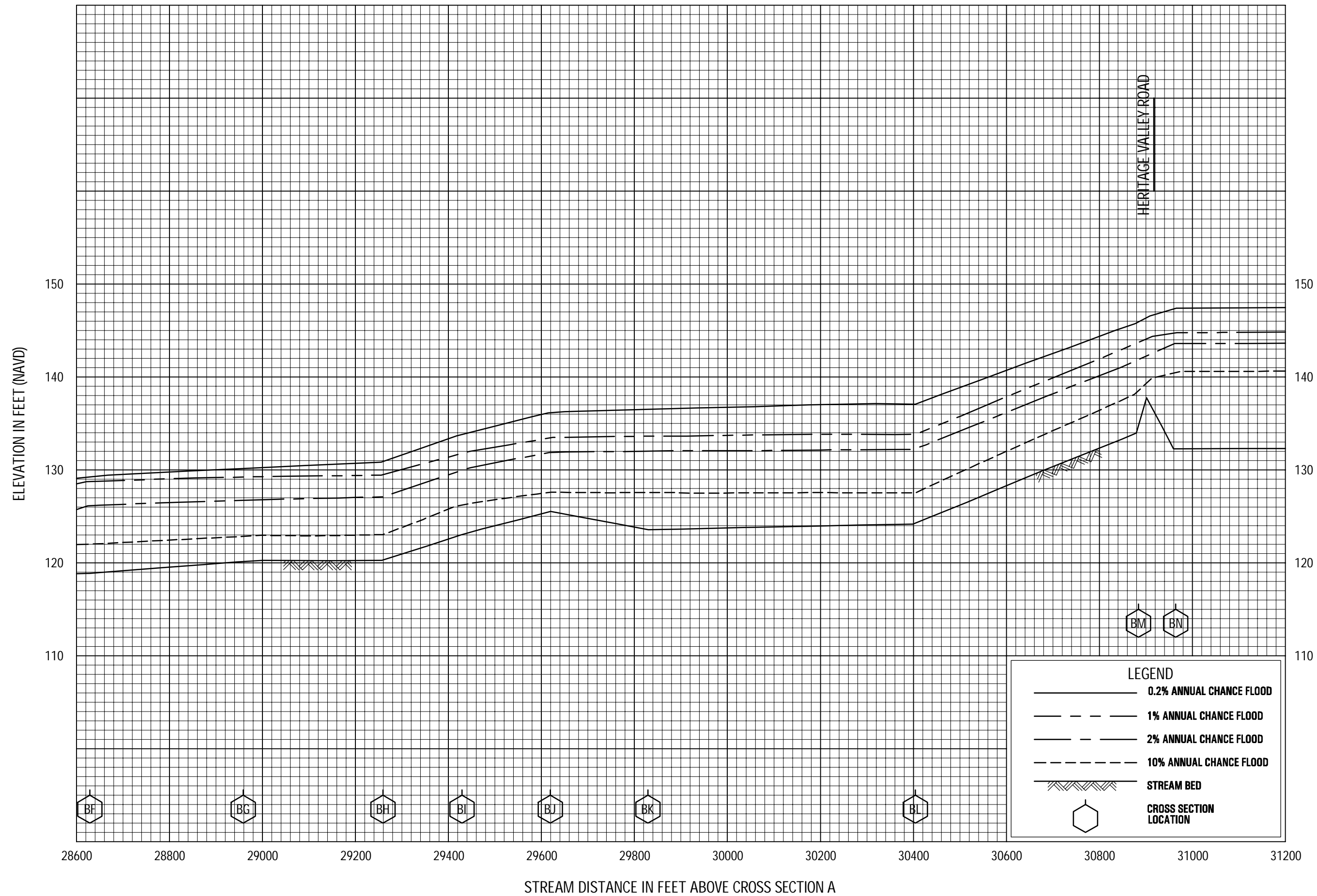
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FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

268P

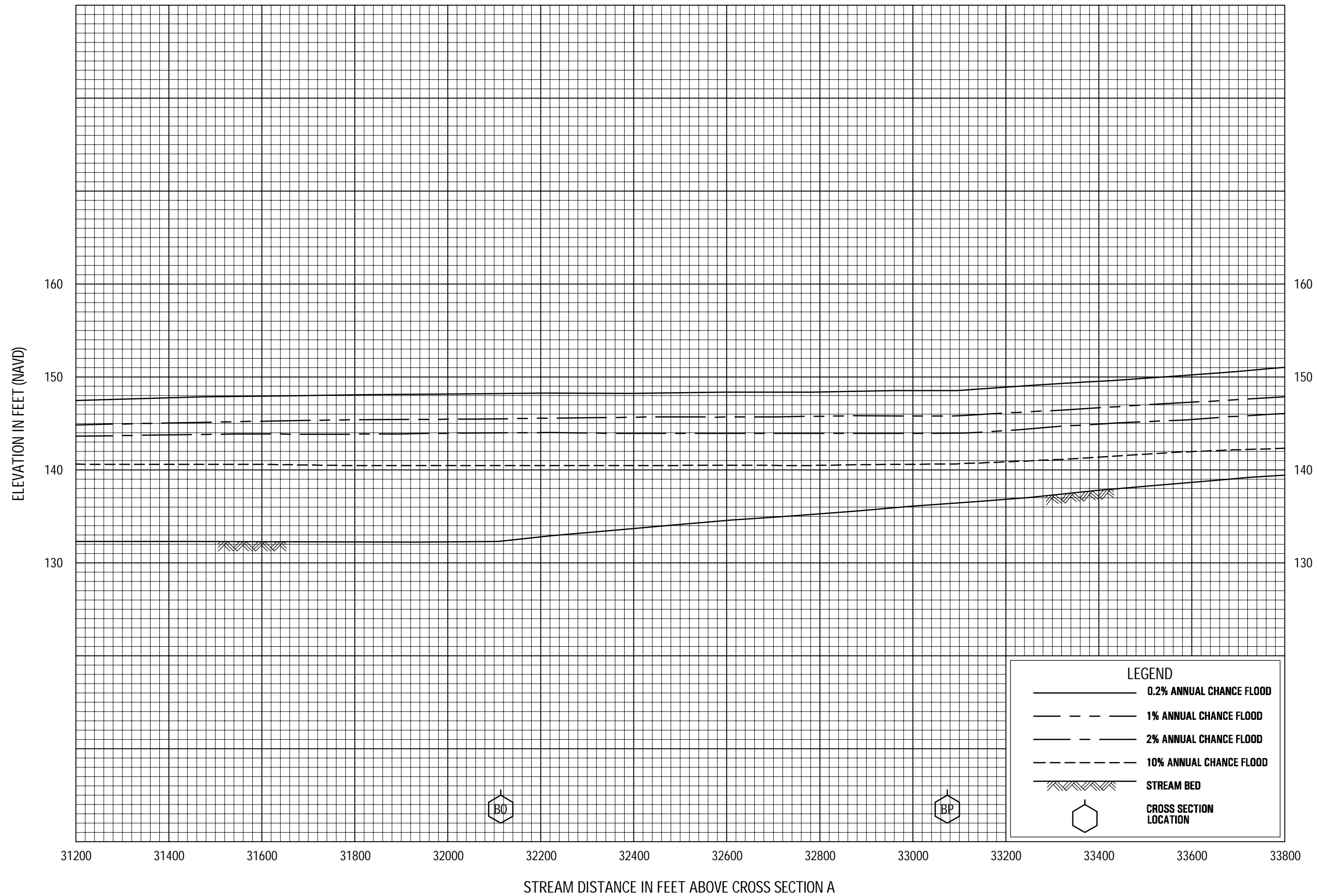




**FLOOD PROFILES**

**OTAY RIVER**

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

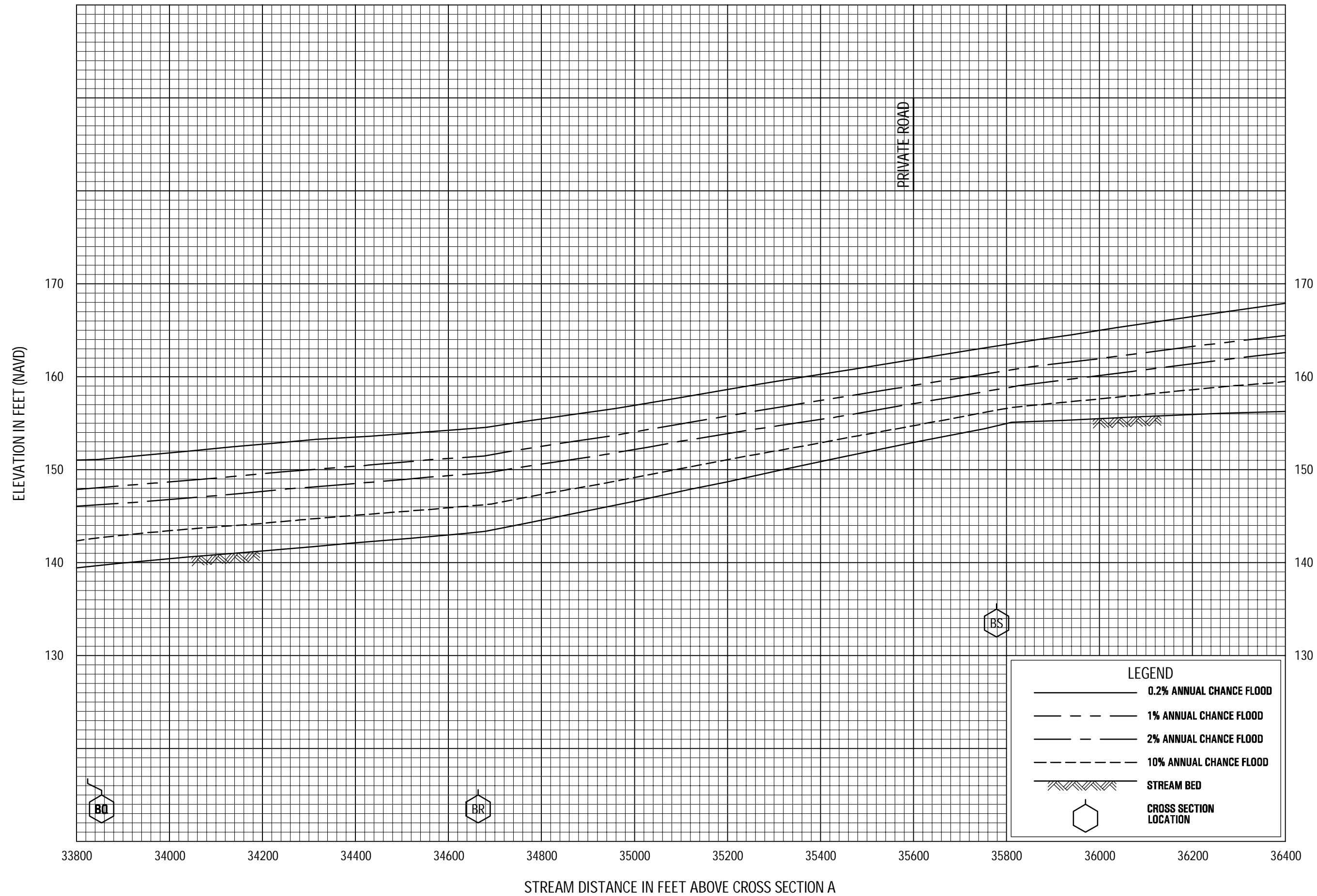


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

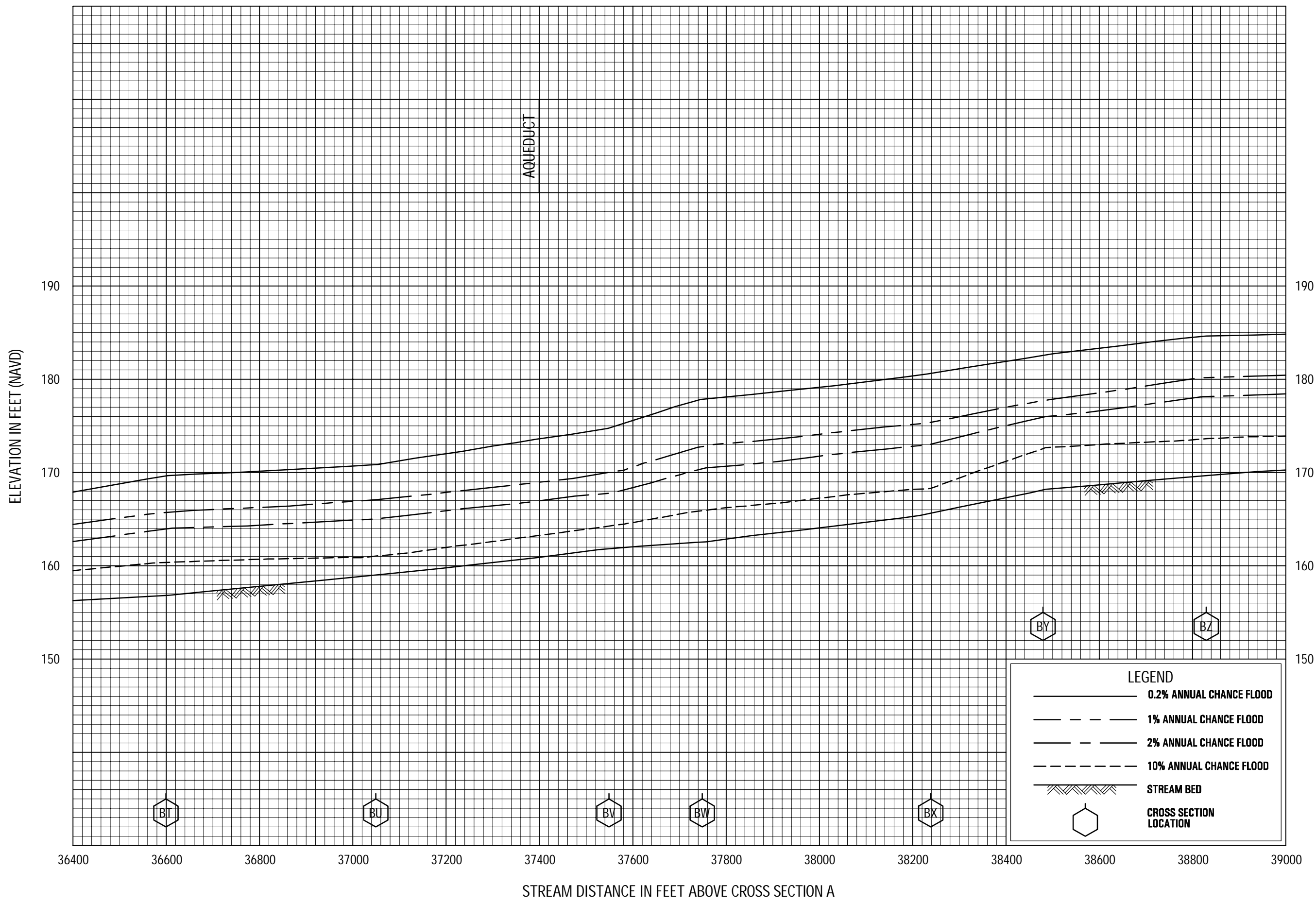


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



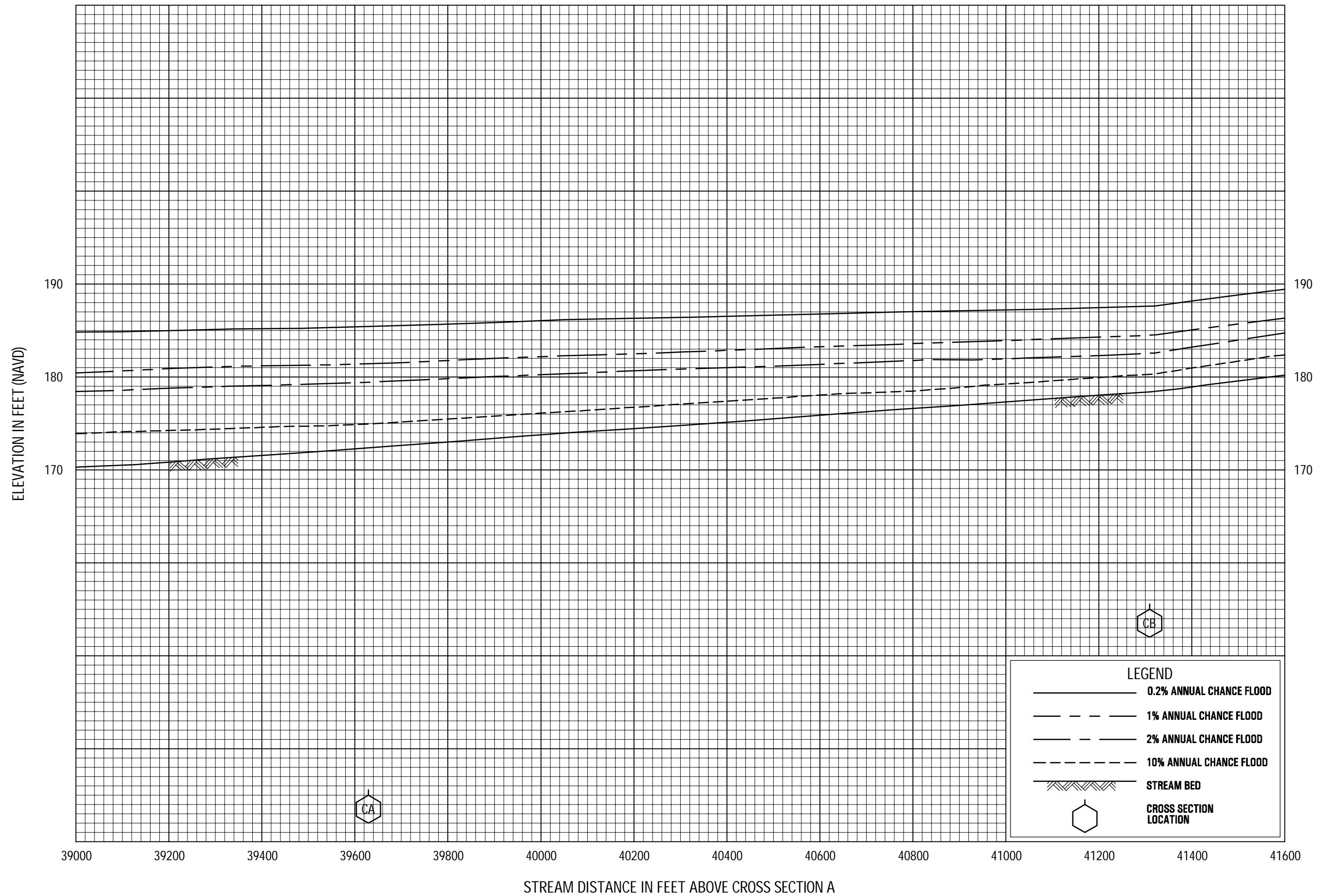
FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



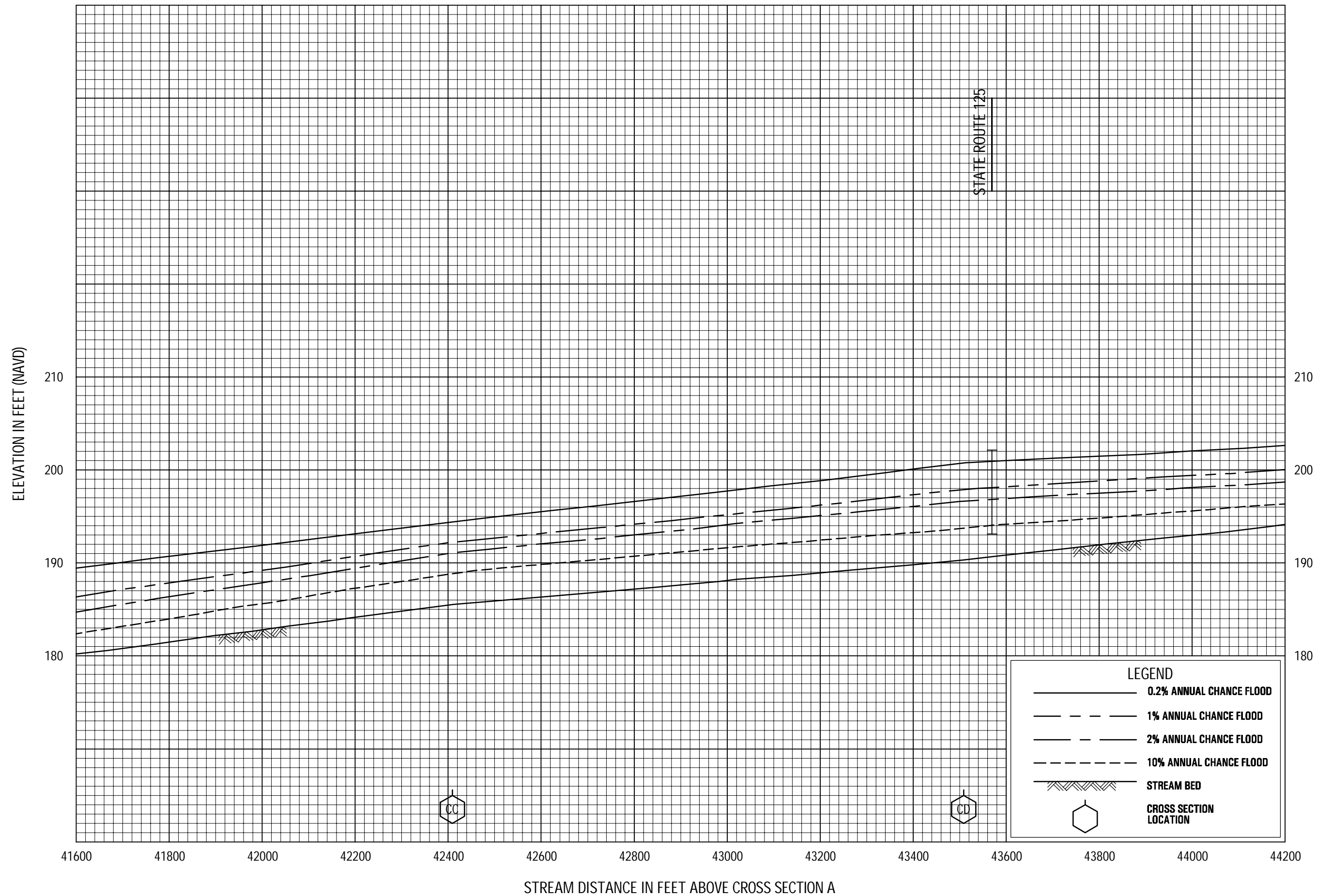


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

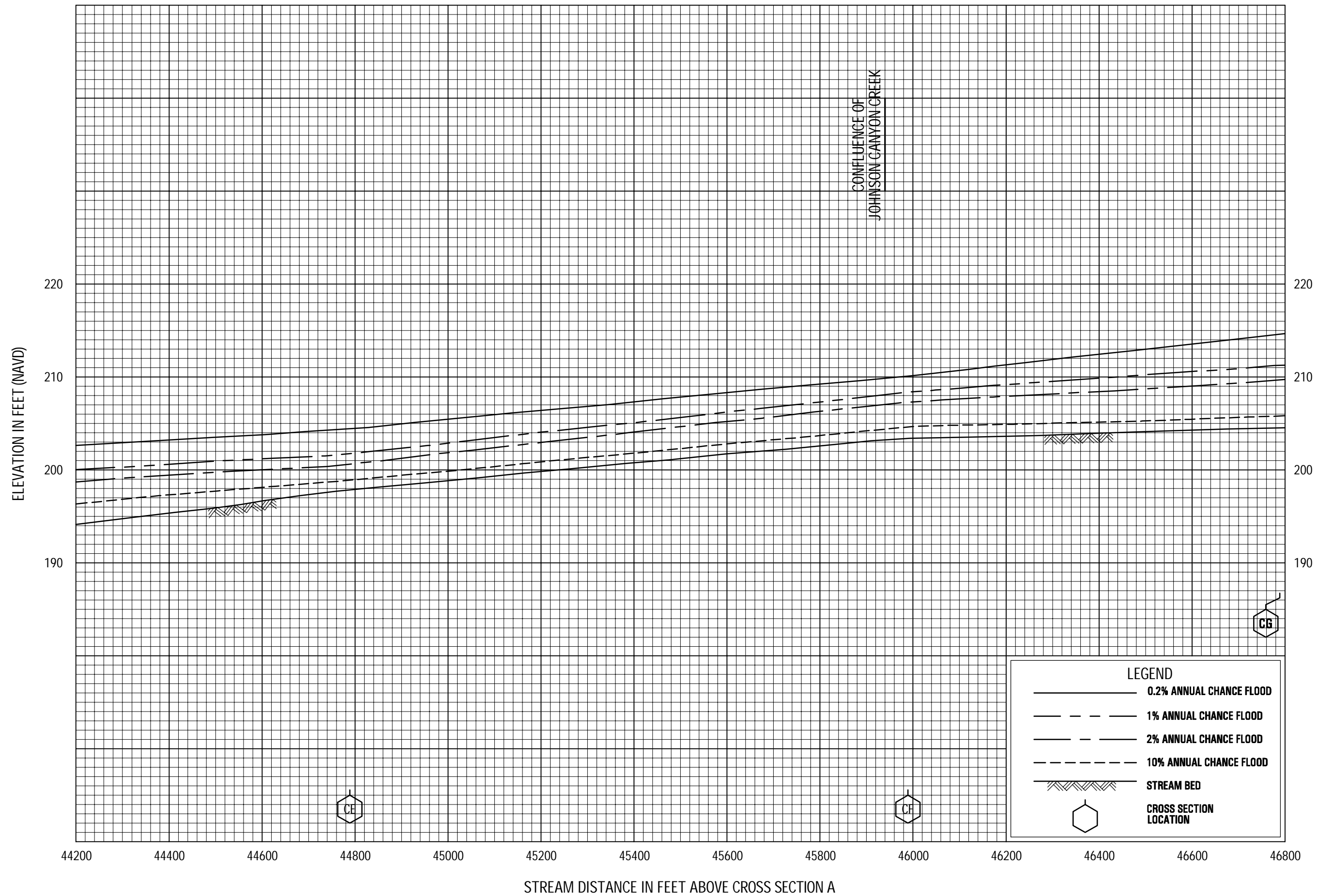
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

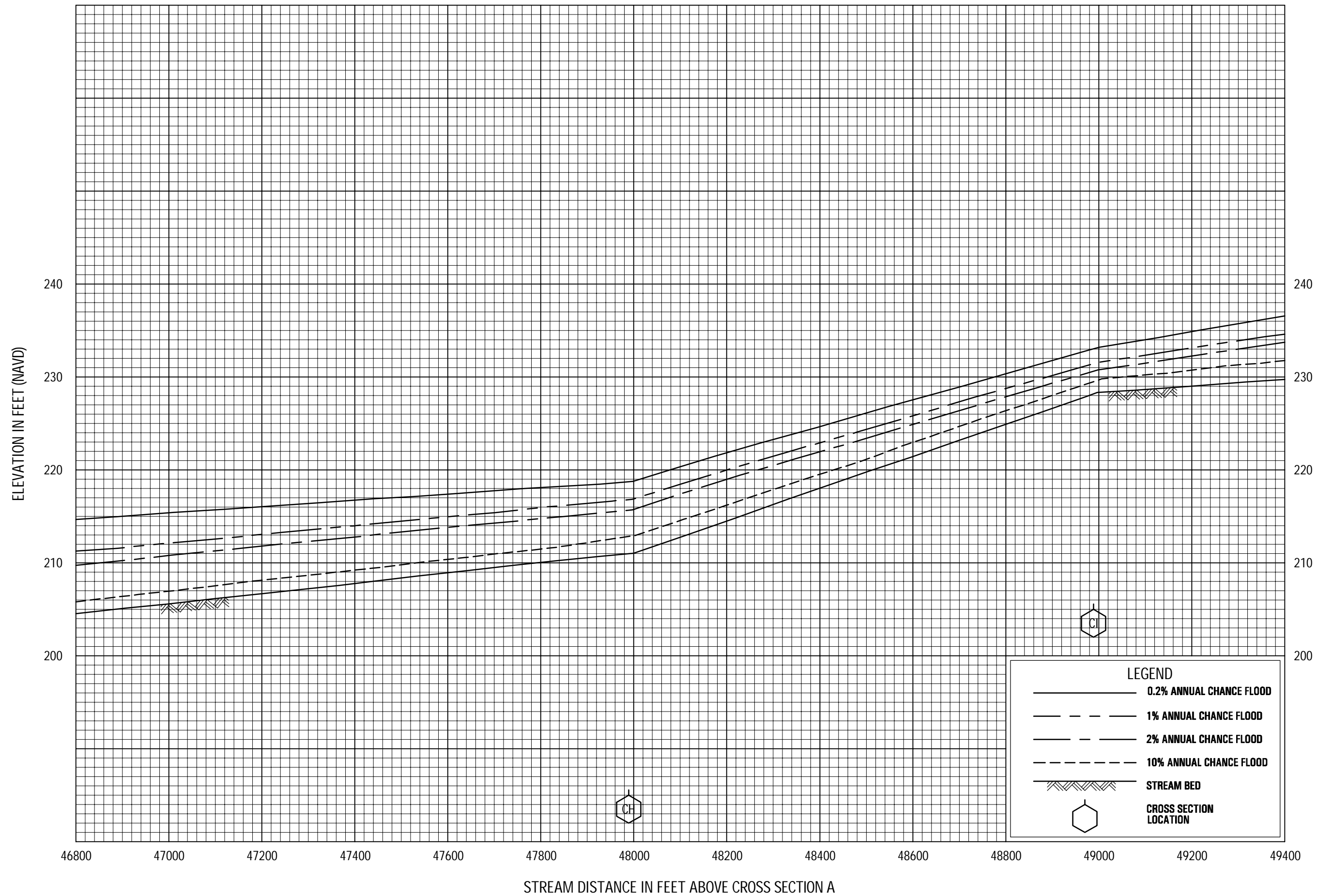
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

OTAY RIVER

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

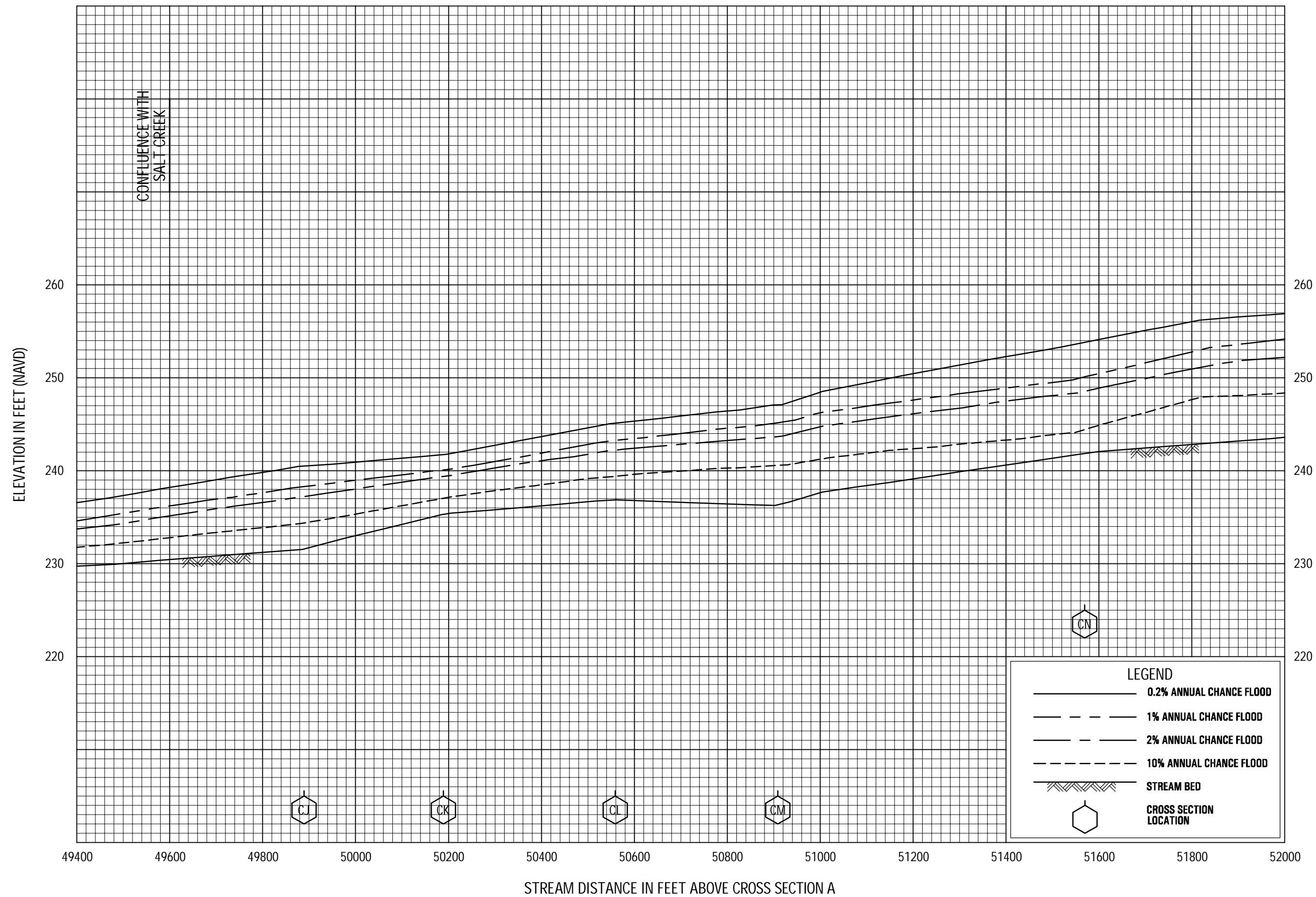


FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



**FLOOD PROFILES**

**OTAY RIVER**

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

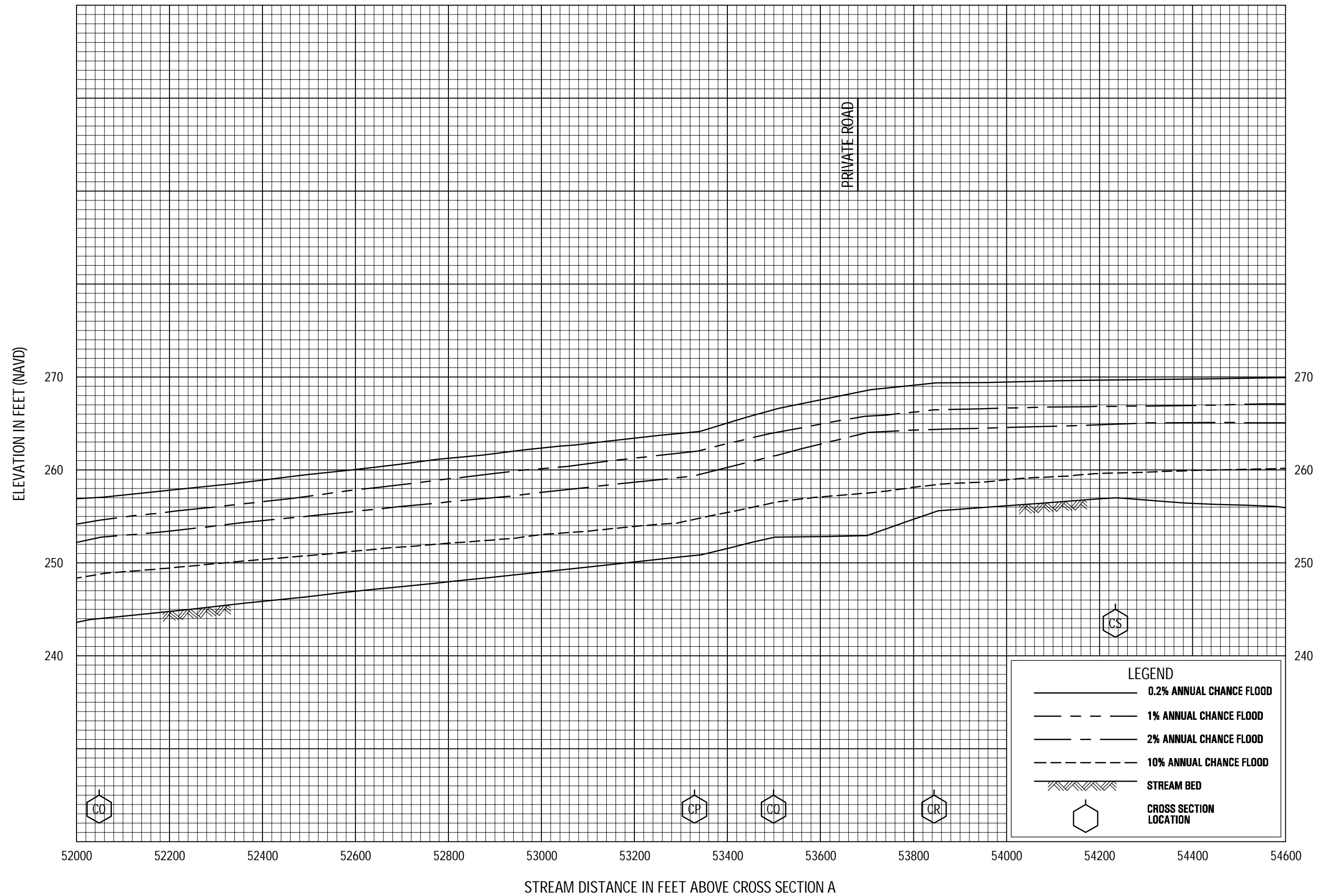
FLOOD PROFILES

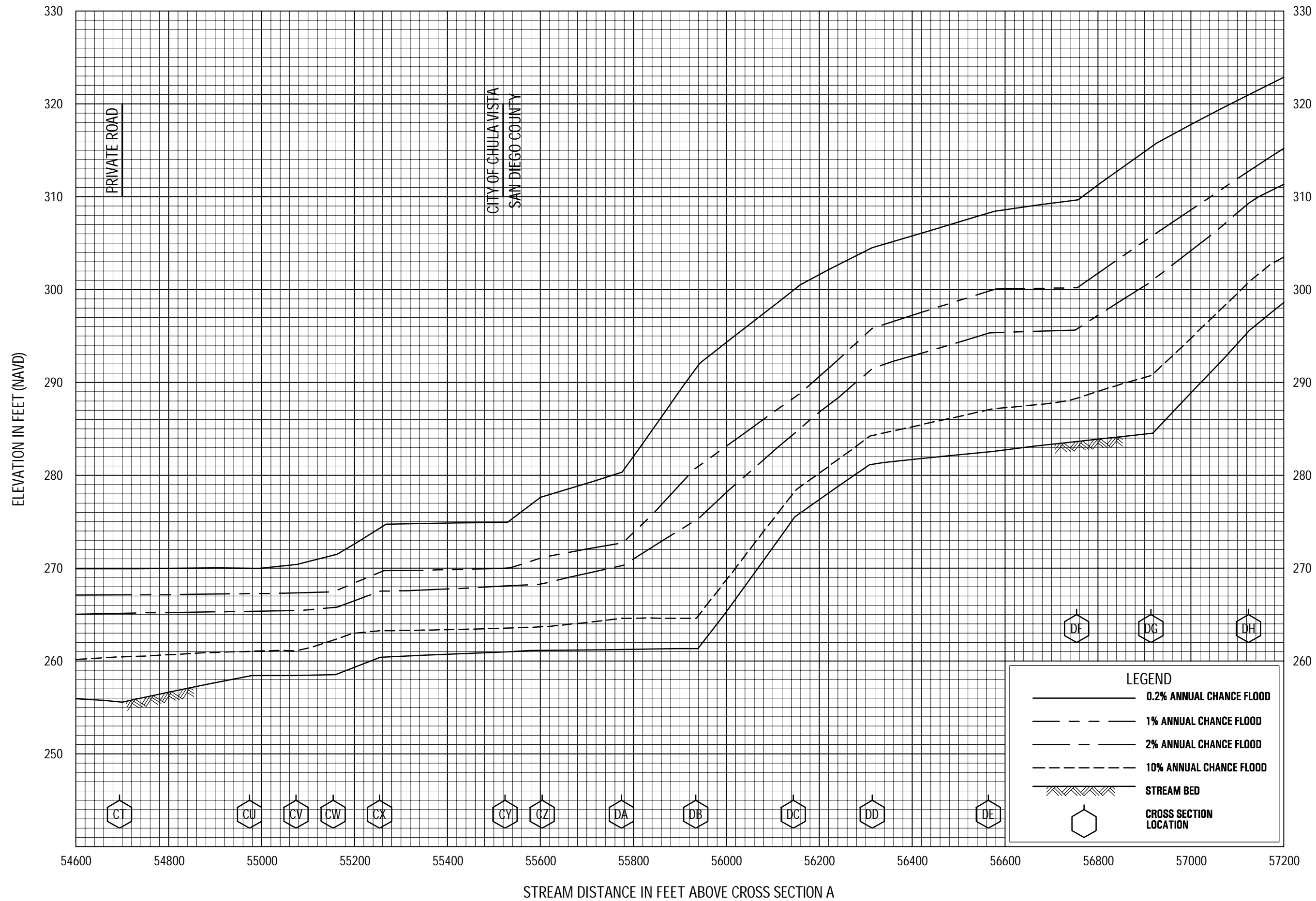
OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

278P

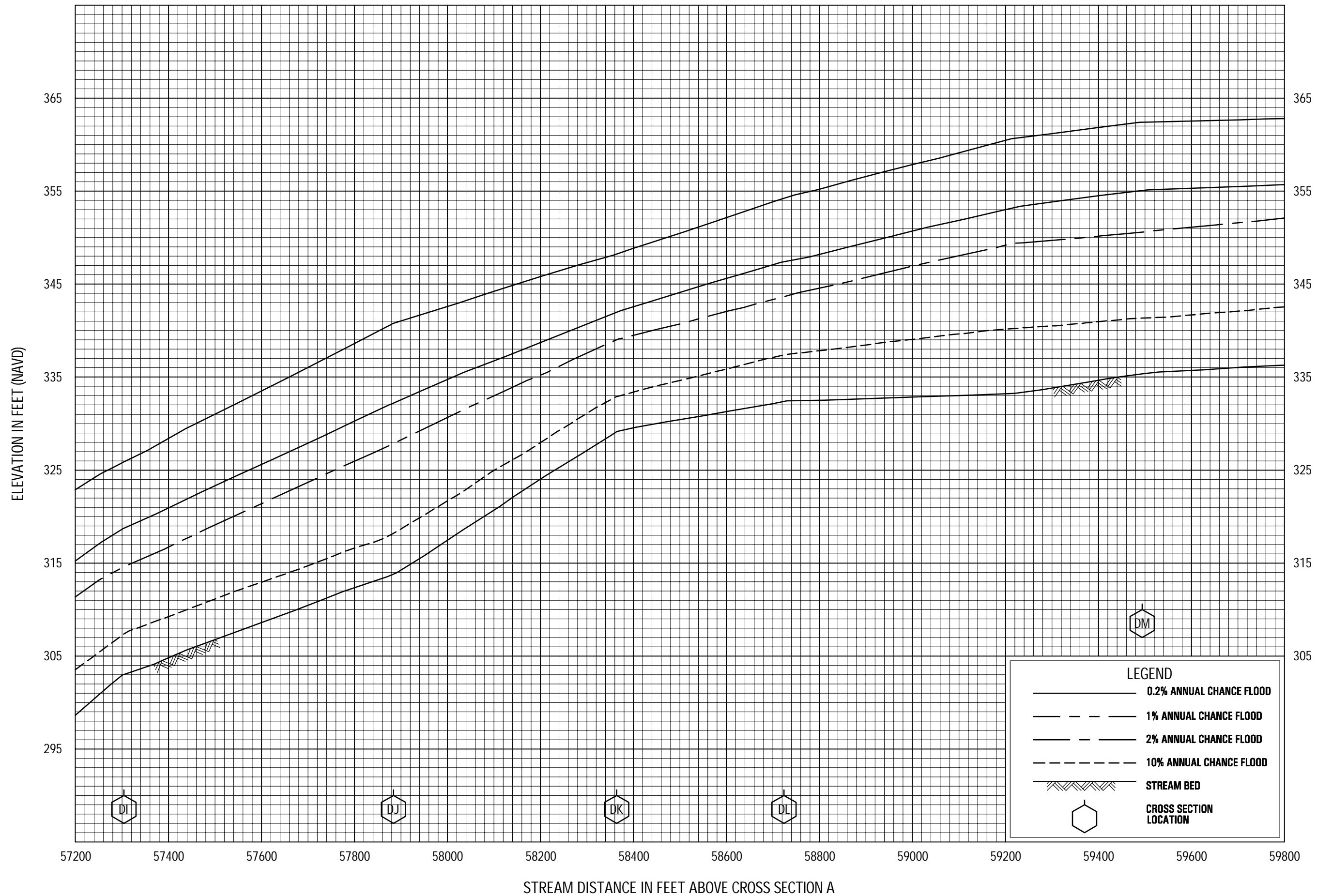




**FLOOD PROFILES**

**OTAY RIVER**

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



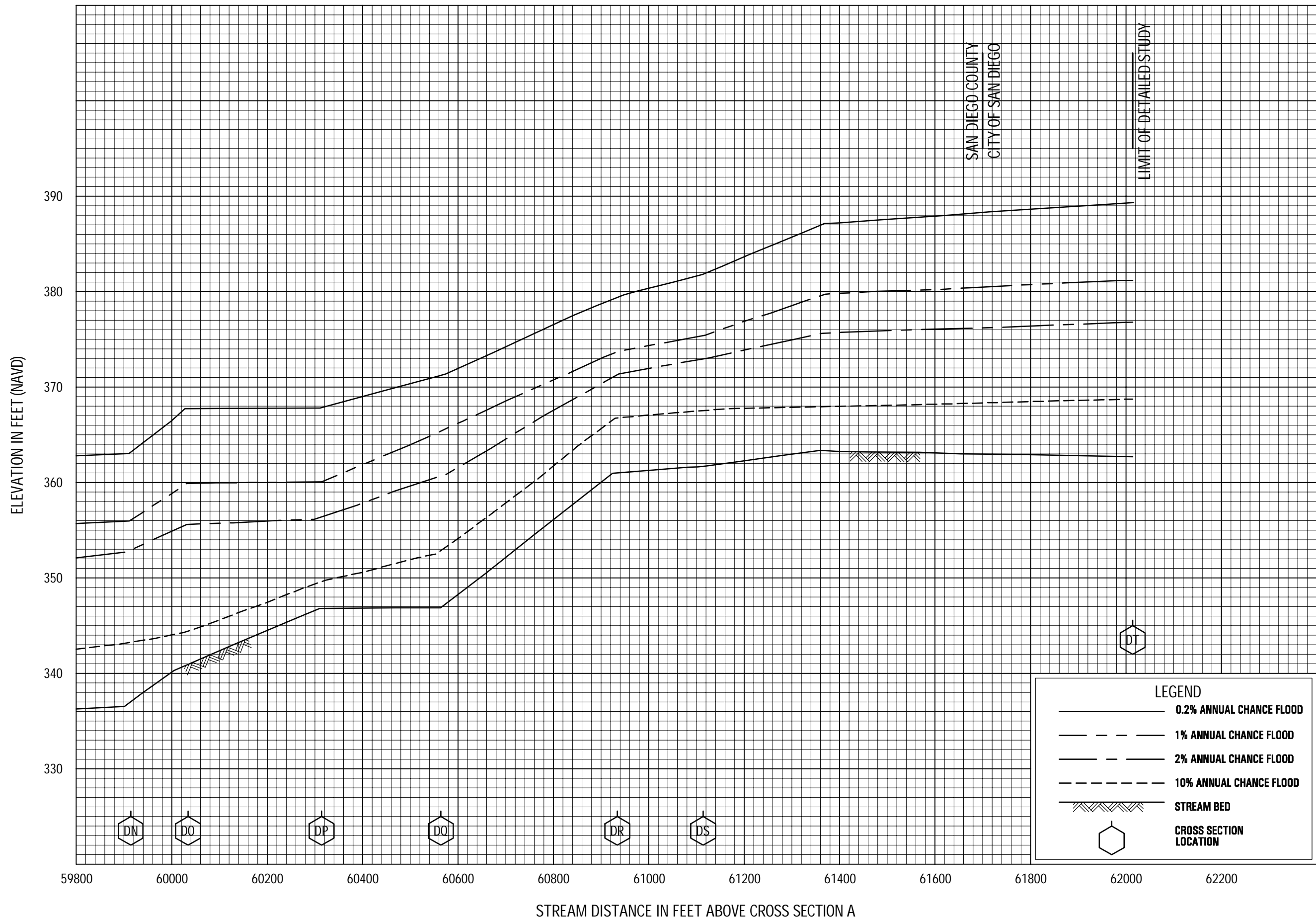
FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





SAN DIEGO COUNTY  
CITY OF SAN DIEGO

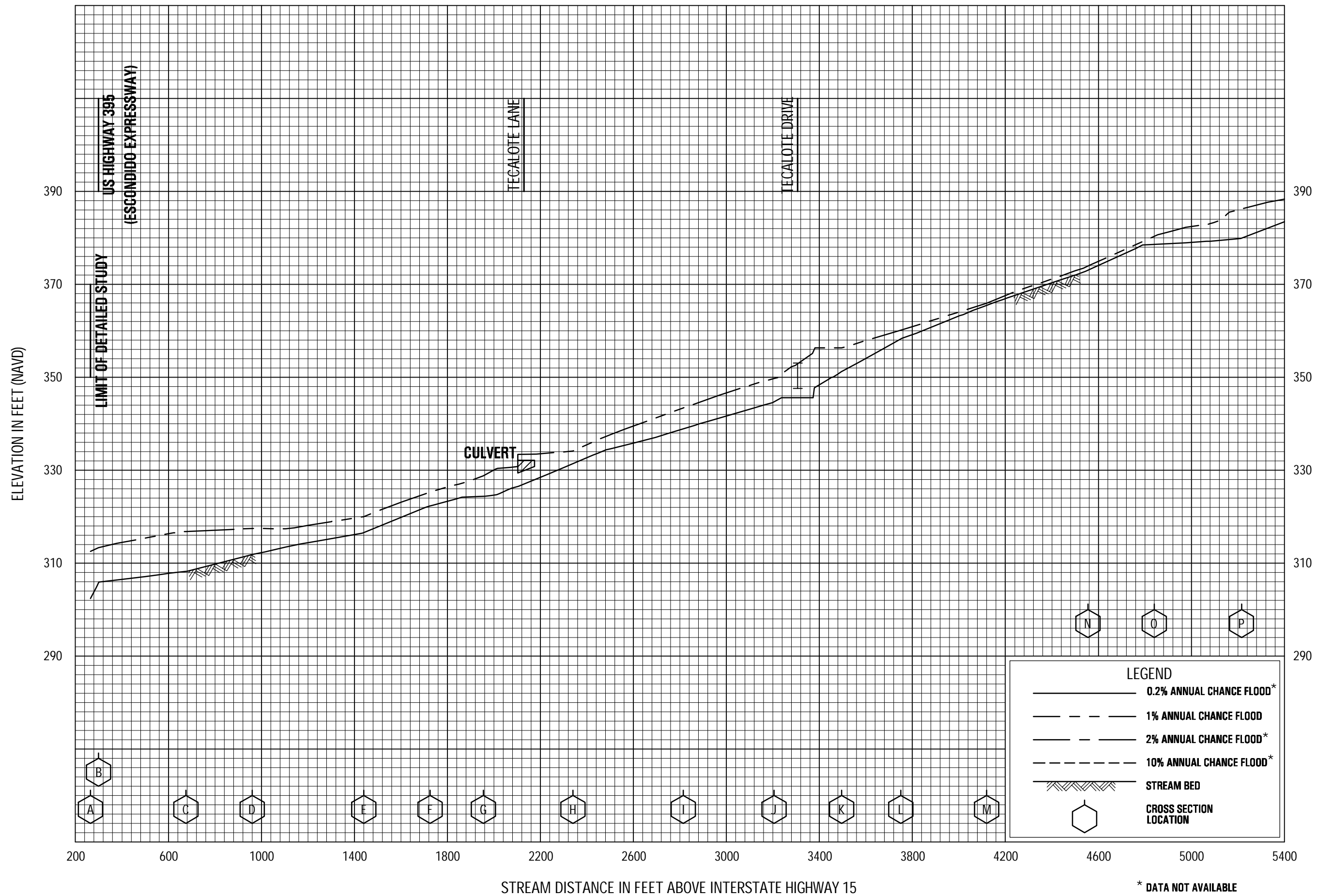
LIMIT OF DETAILED STUDY

FLOOD PROFILES

OTAY RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

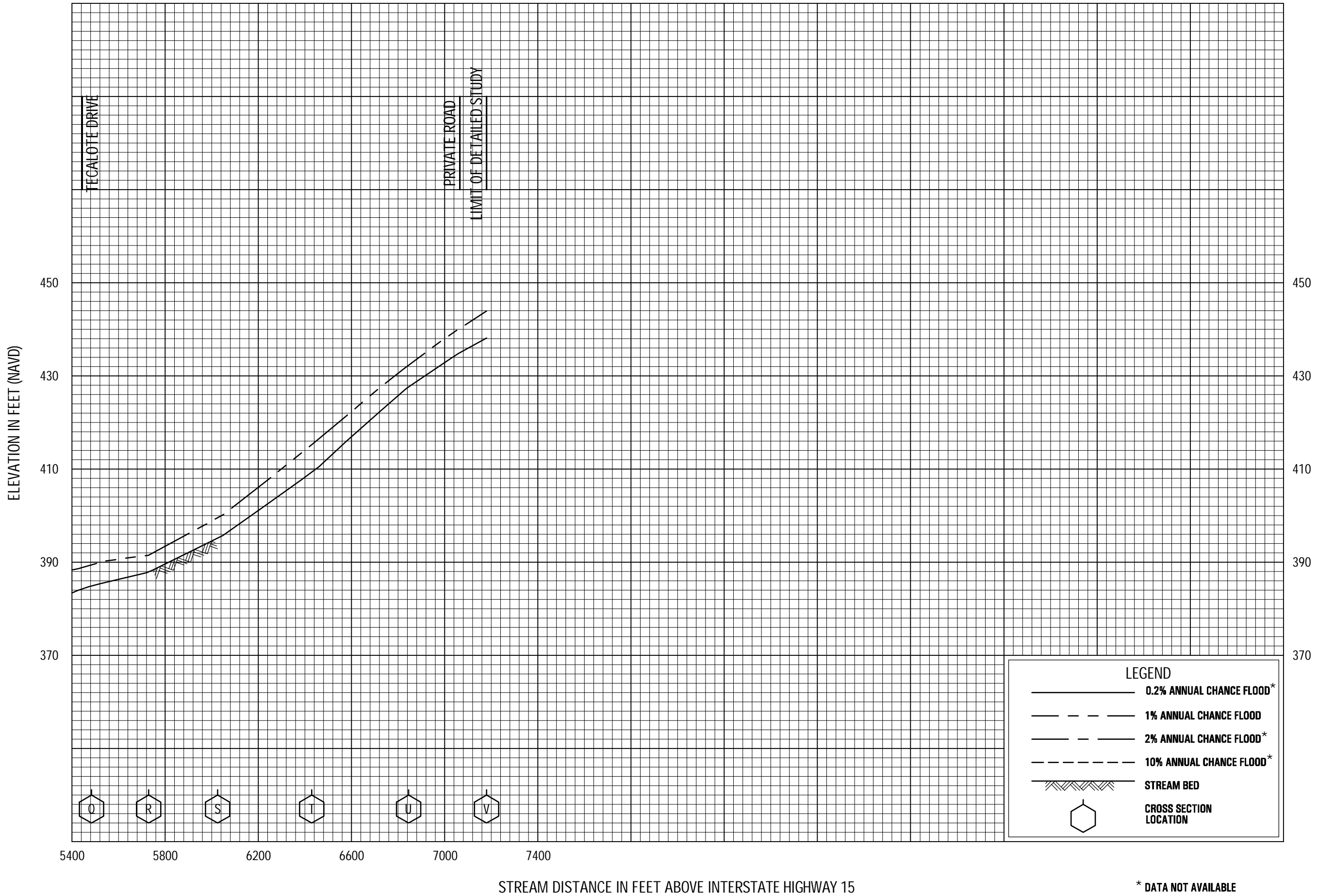
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



**FLOOD PROFILES**  
**PALA MESA CREEK**

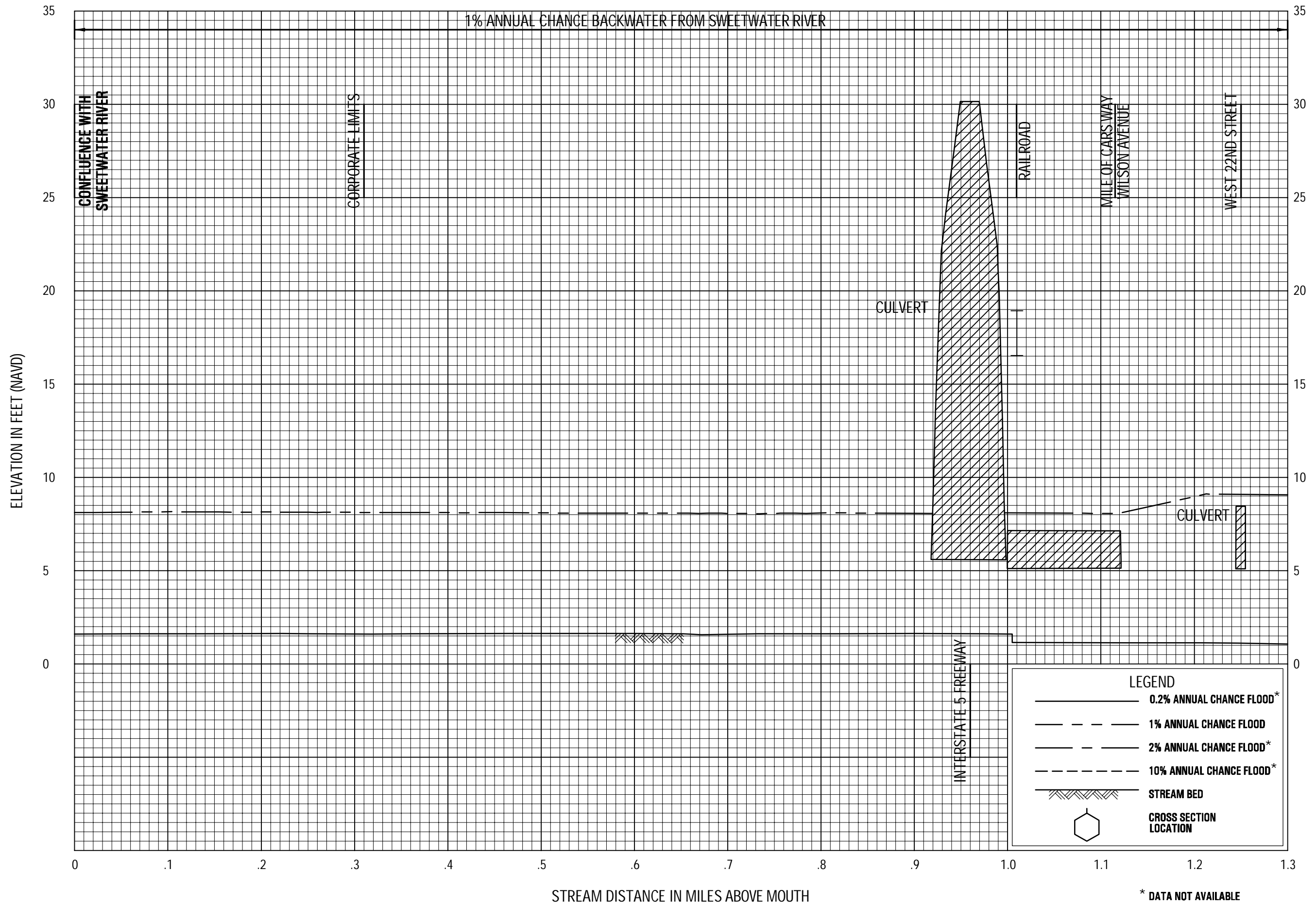
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**SAN DIEGO COUNTY, CA**  
(AND INCORPORATED AREAS)

\* DATA NOT AVAILABLE



**FLOOD PROFILES**  
**PALA MESA CREEK**

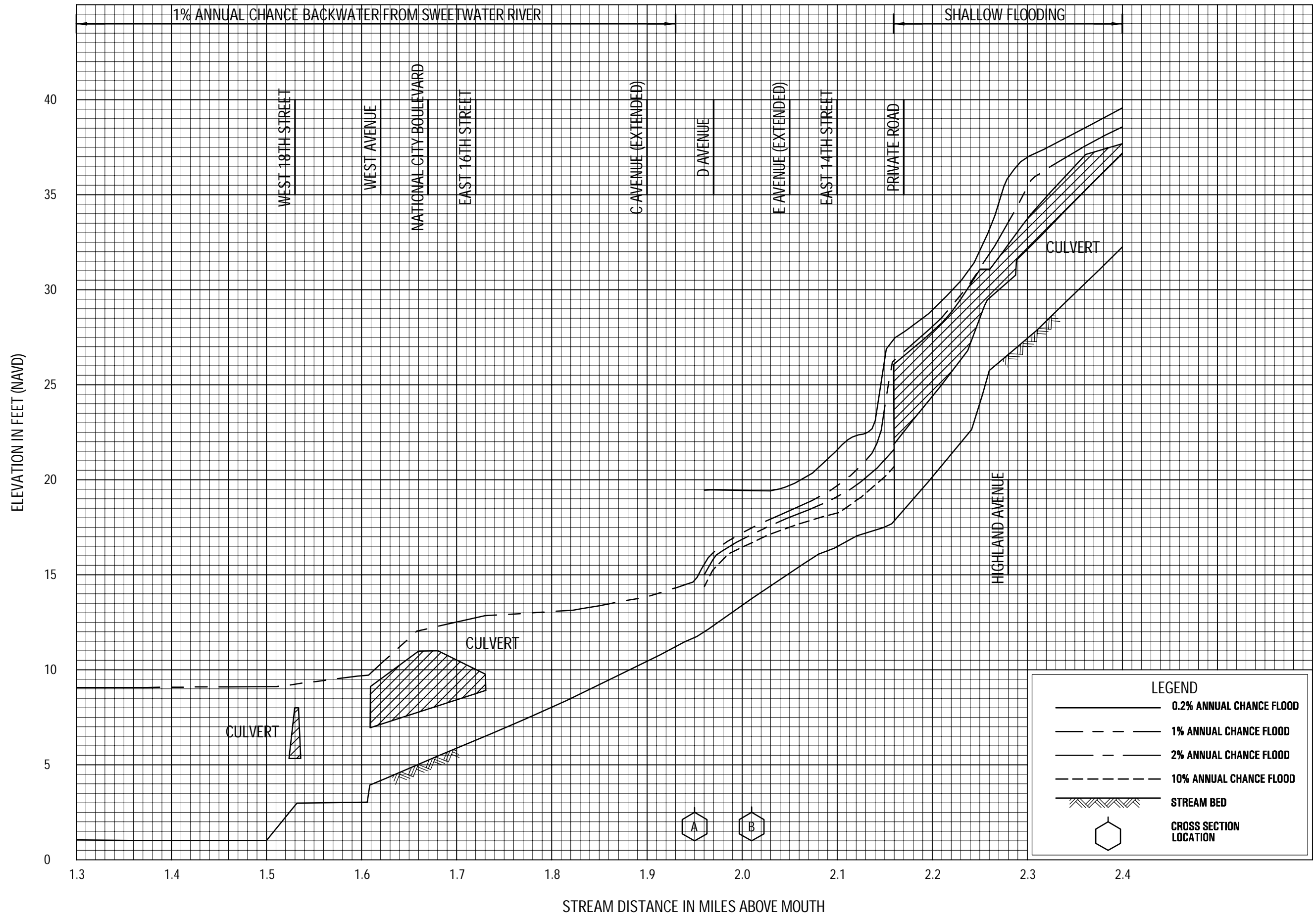
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**SAN DIEGO COUNTY, CA**  
(AND INCORPORATED AREAS)



**FLOOD PROFILES**

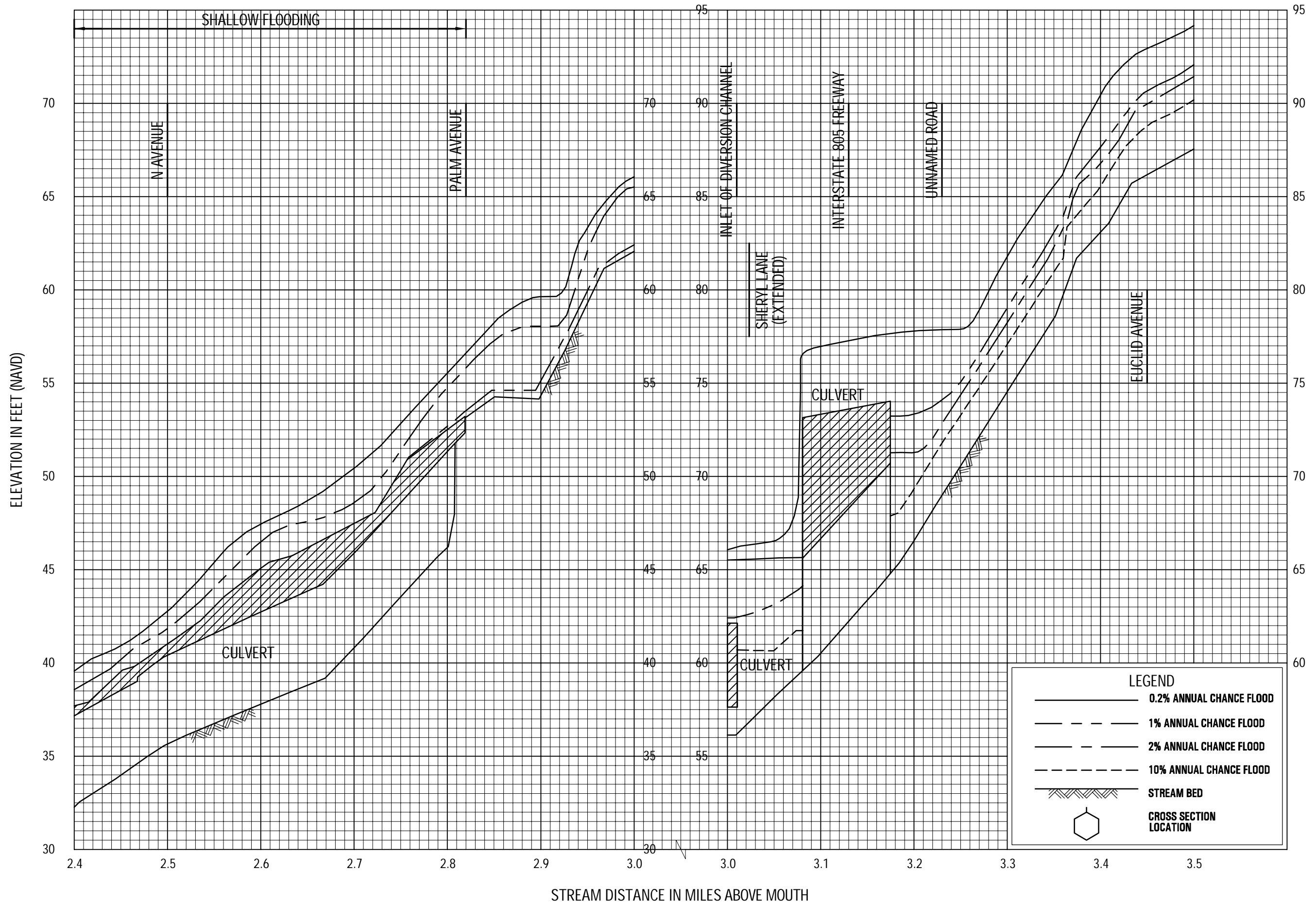
**PARADISE CREEK**

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



FLOOD PROFILES  
PARADISE CREEK

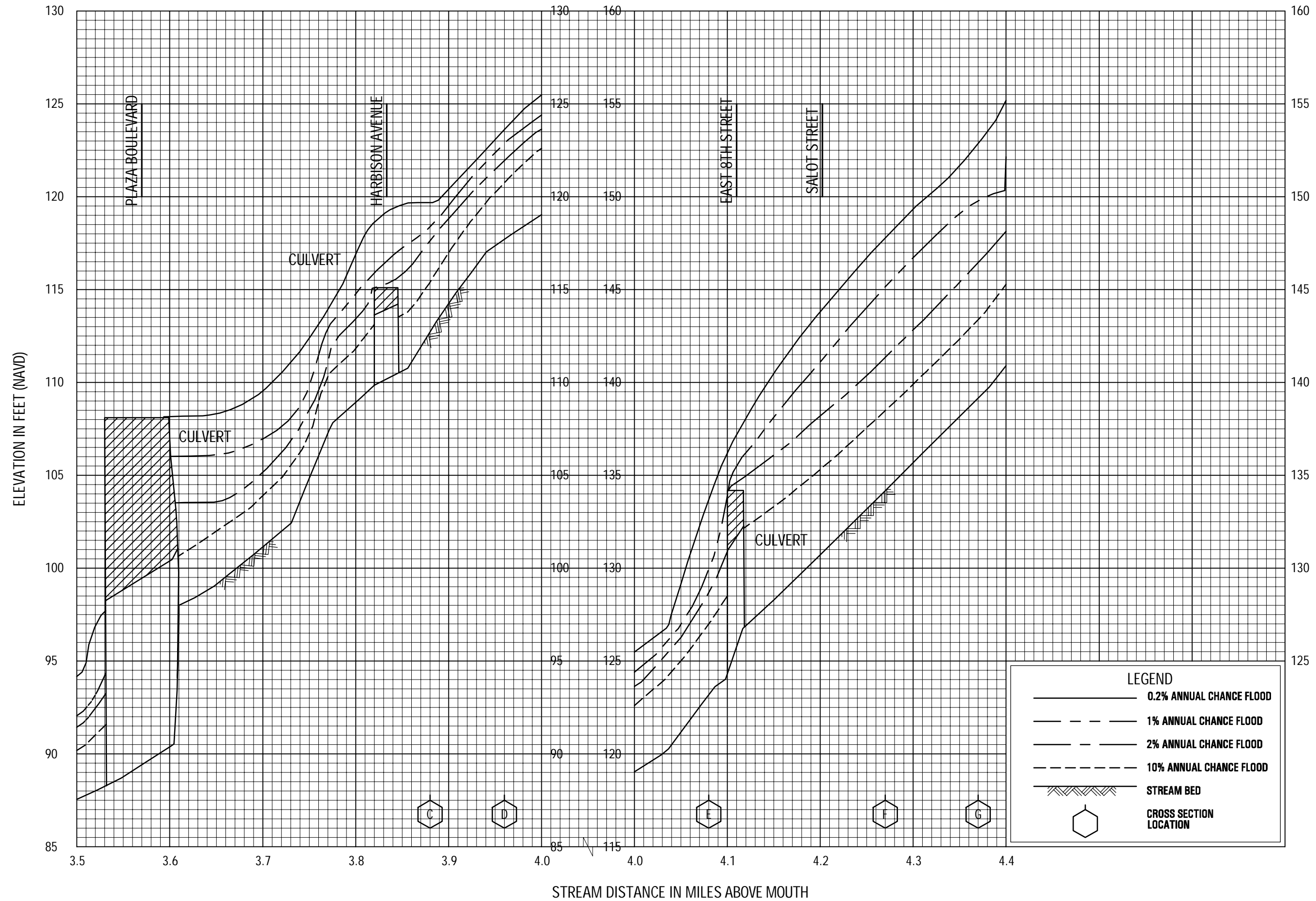
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

PARADISE CREEK

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

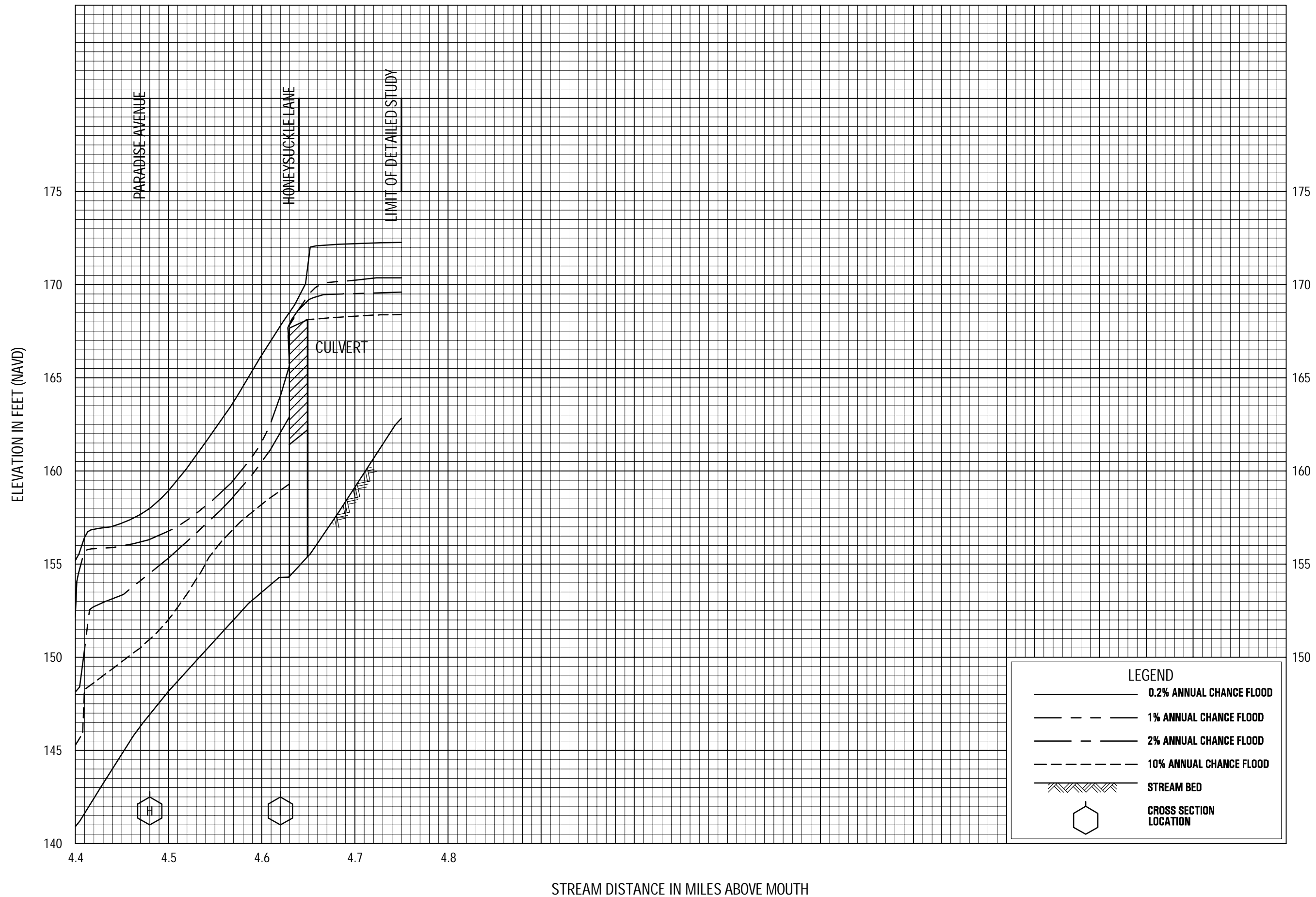


FLOOD PROFILES

PARADISE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



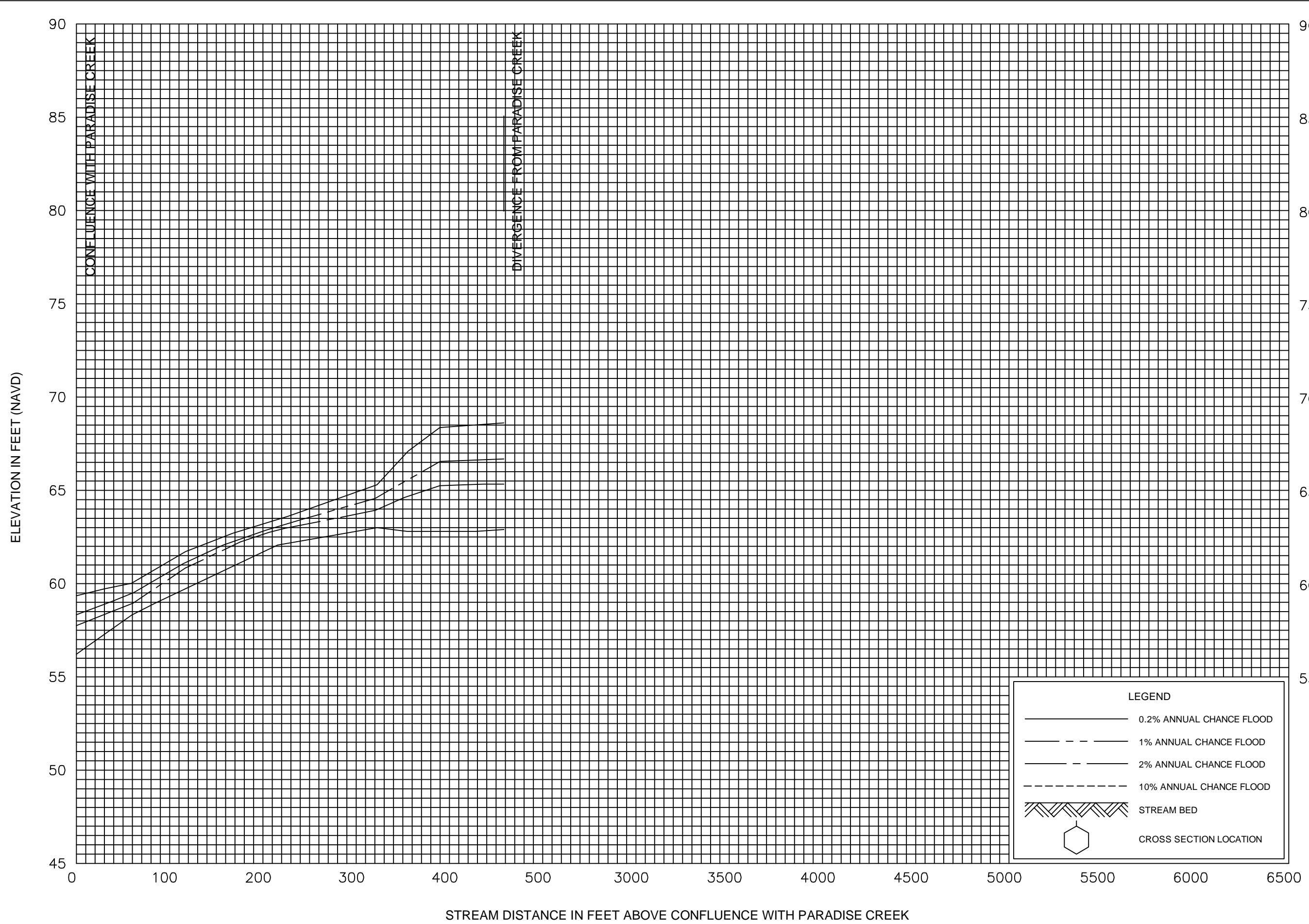
FLOOD PROFILES

PARADISE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





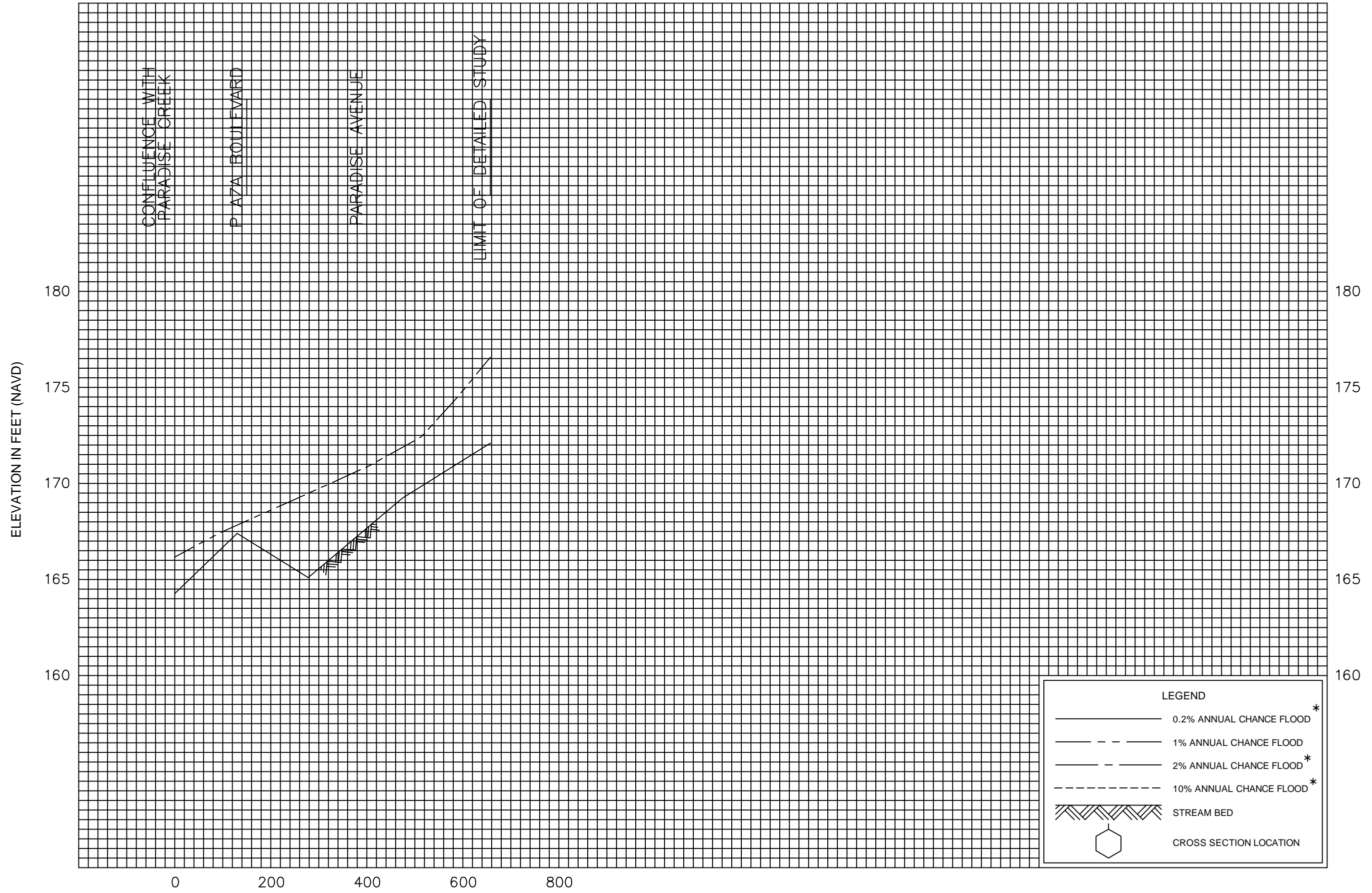
FLOOD PROFILES

PARADISE CREEK SPLIT FLOW

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
AND INCORPORATED AREAS

289P



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH PARADISE CREEK

\*DATA NOT AVAILABLE

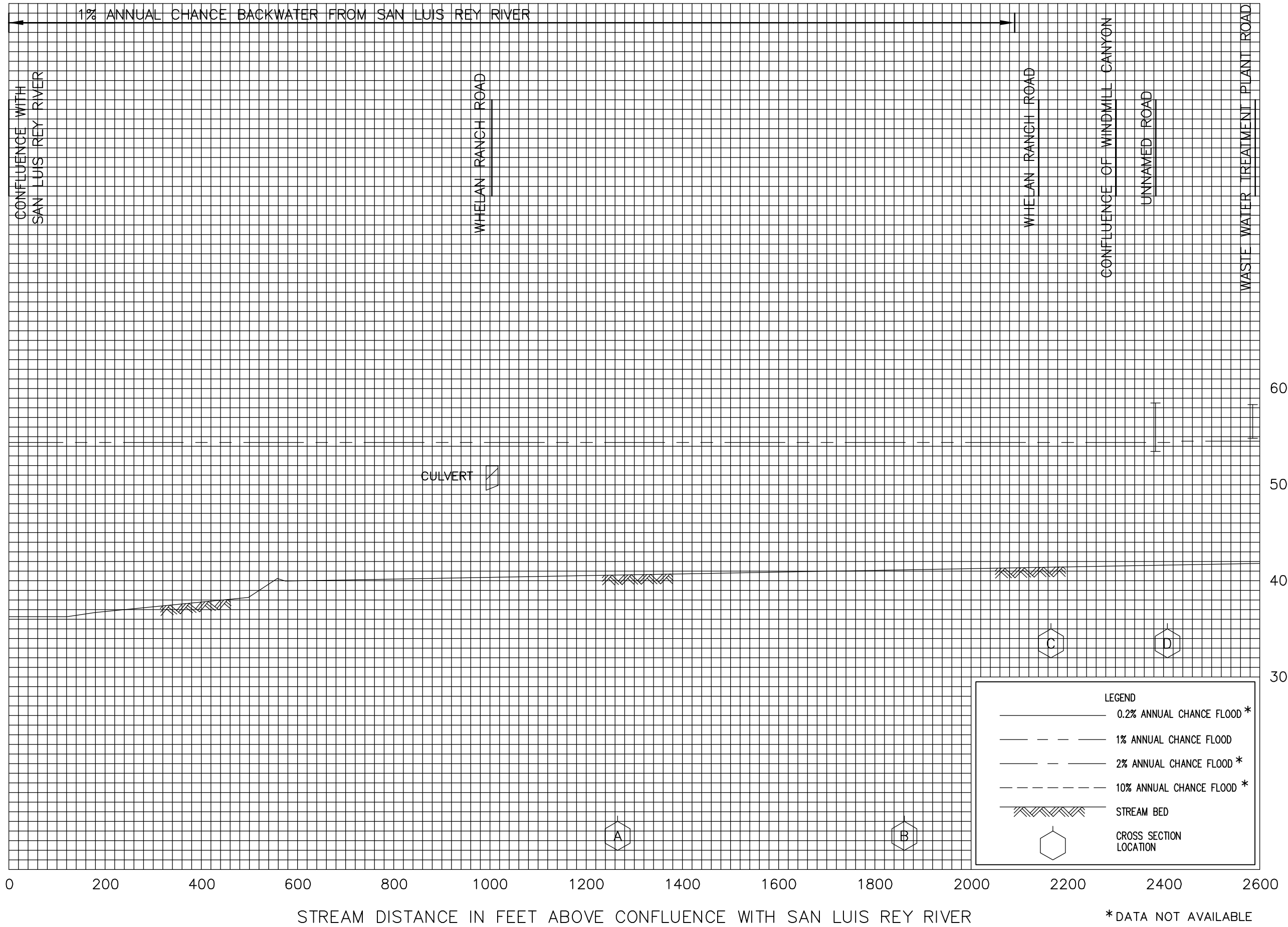
FLOOD PROFILES

PARADISE CREEK - VALLEY ROAD BRANCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
AND INCORPORATED AREAS

ELEVATION IN FEET (NAVD)



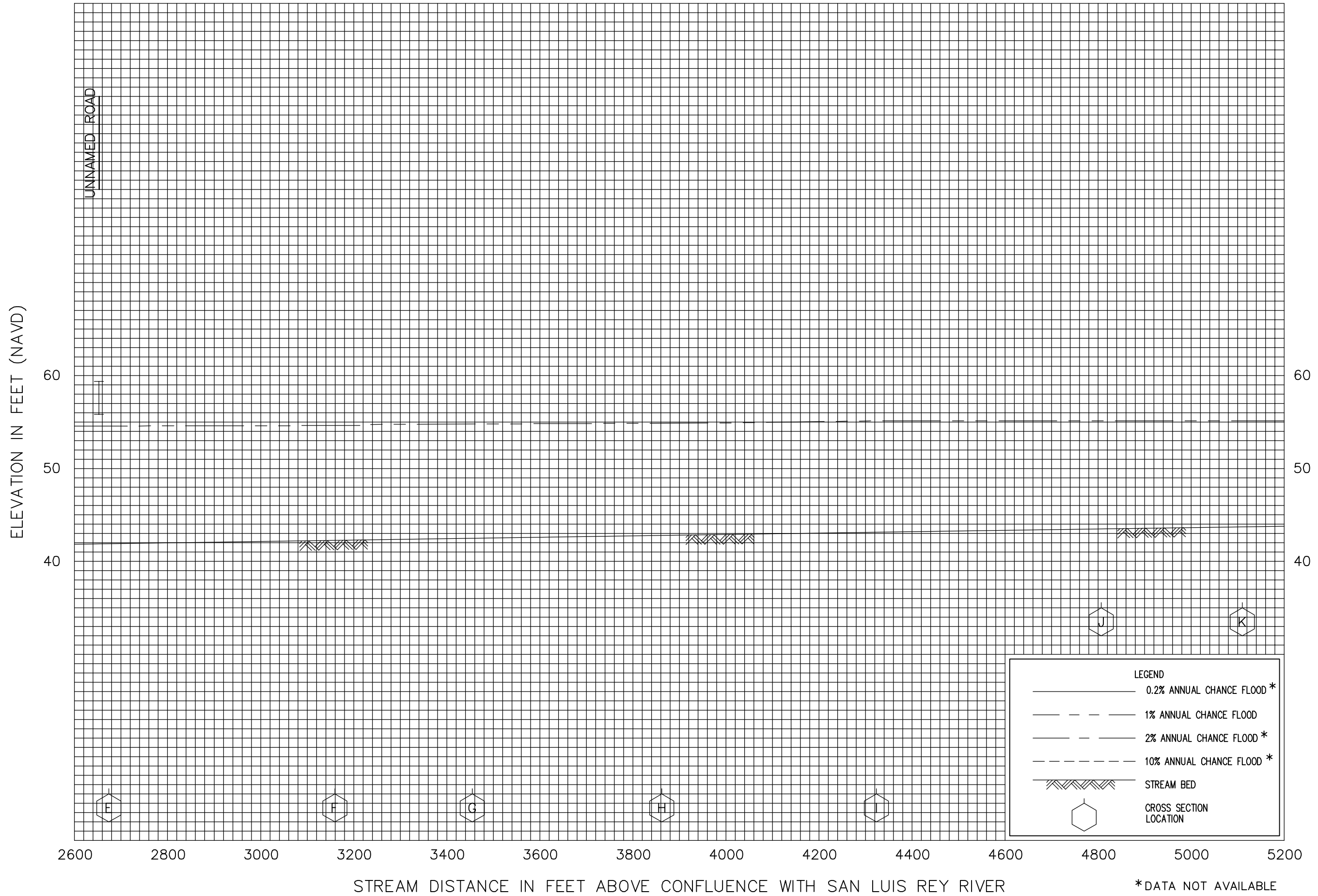
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN LUIS REY RIVER

\*DATA NOT AVAILABLE

FLOOD PROFILES

PILGRIM CREEK

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



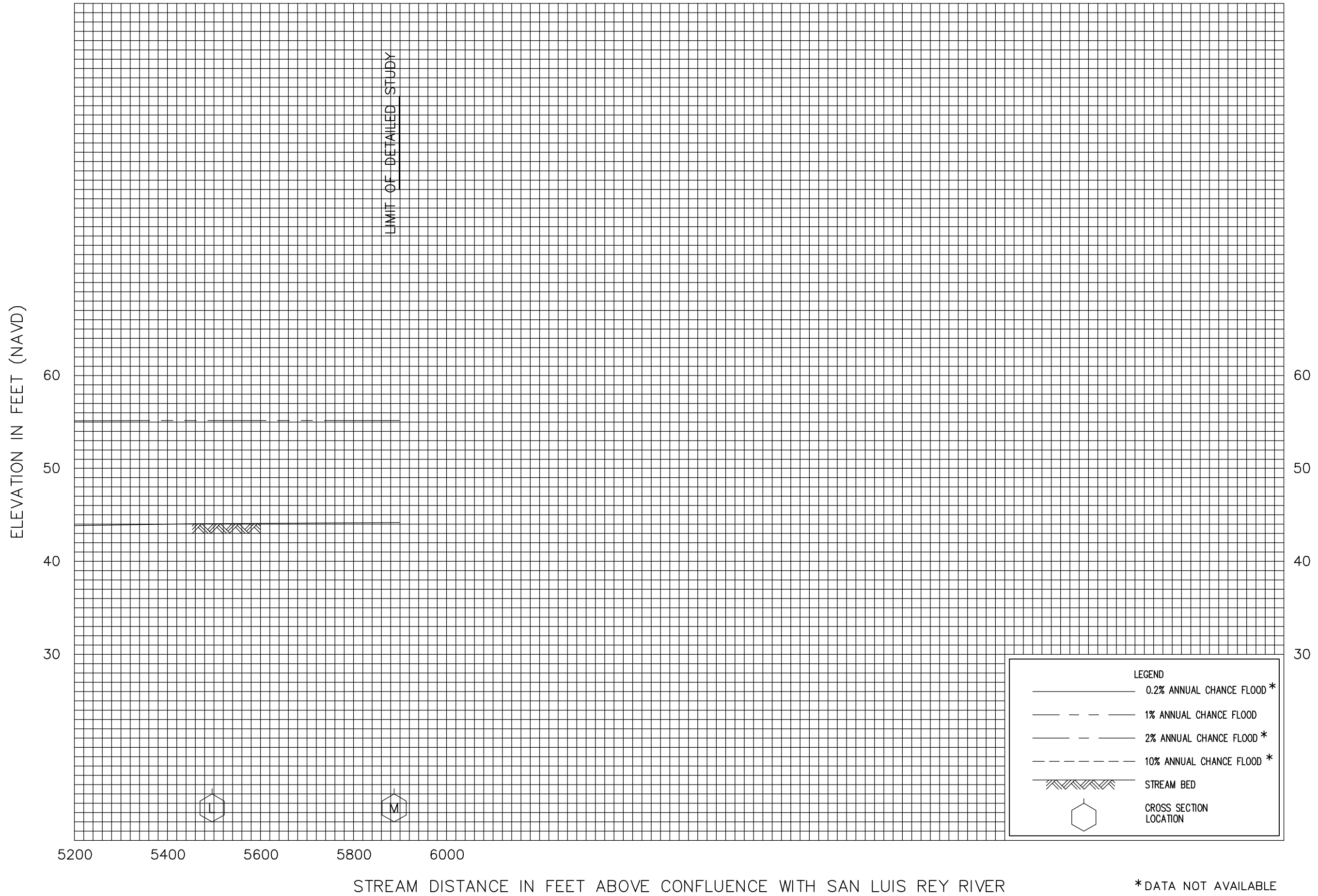
FLOOD PROFILES

PILGRIM CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

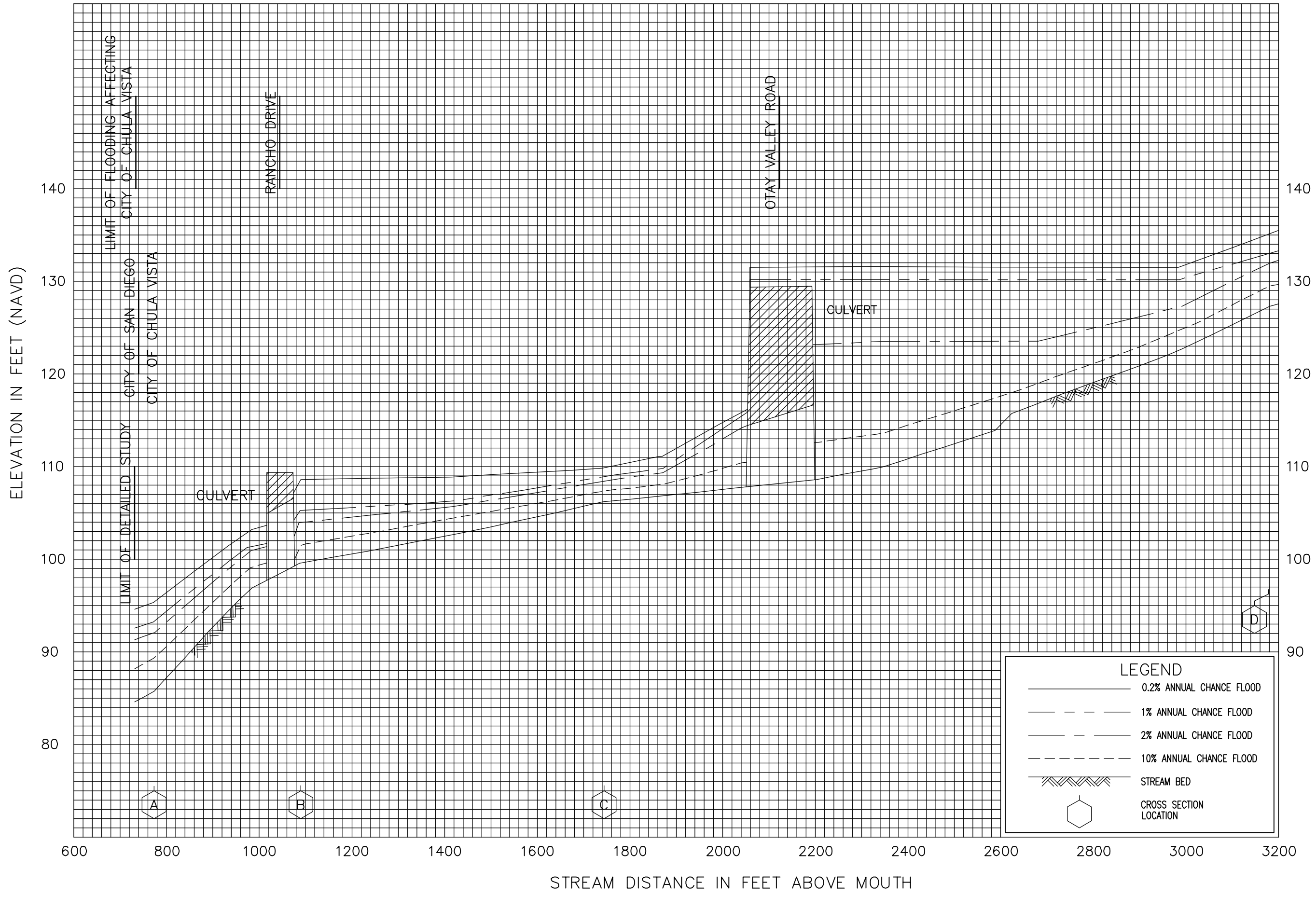
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FLOOD PROFILES  
PILGRIM CREEK

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

\* DATA NOT AVAILABLE



**LEGEND**

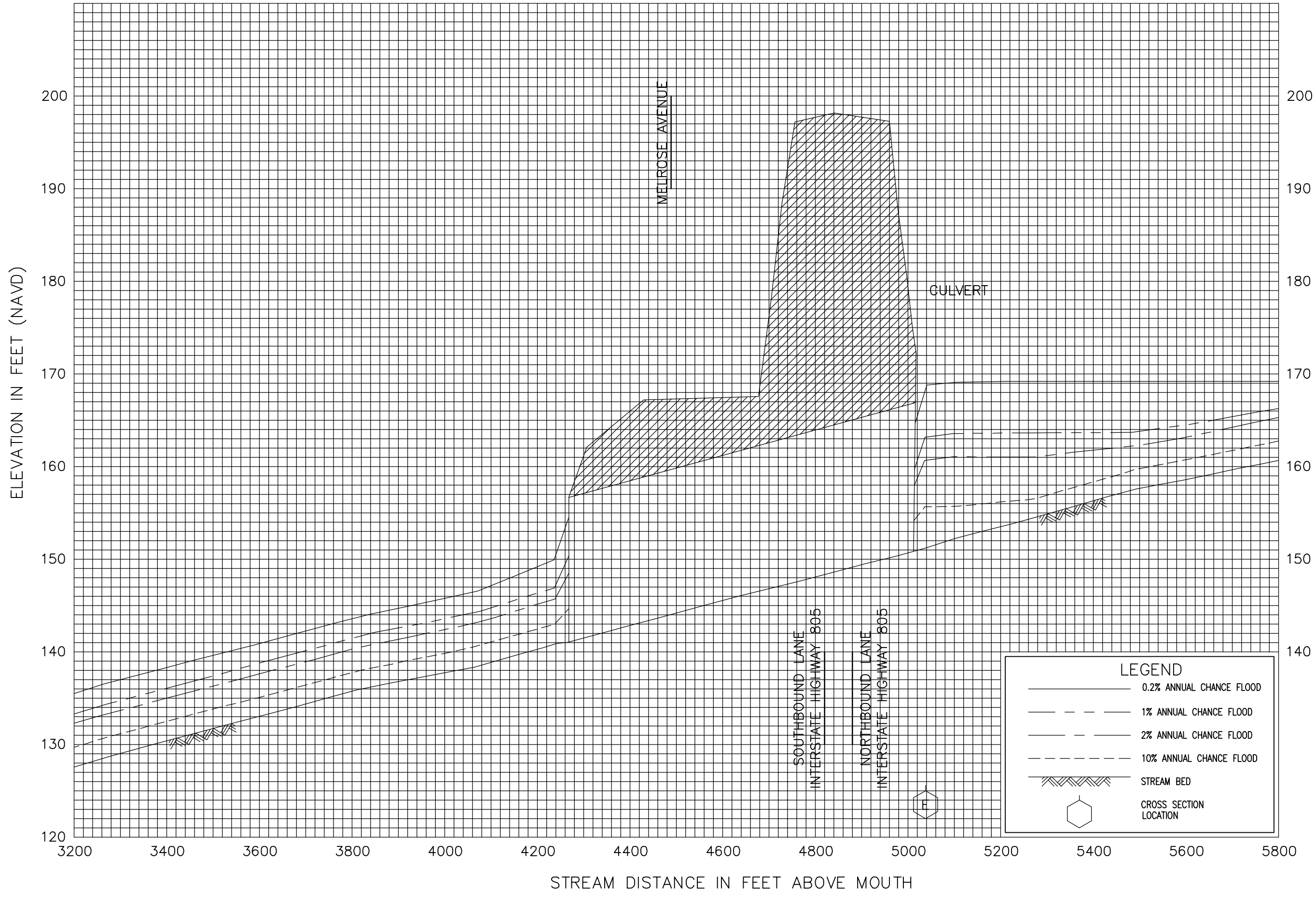
- 0.2% ANNUAL CHANCE FLOOD
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD
- - - 10% ANNUAL CHANCE FLOOD
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES

POGGI CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

POGGI CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

ELEVATION IN FEET (NAVD)



190  
180  
170  
160

5800 6000 6200 6400 6600 6800 9000 9200 9400

STREAM DISTANCE IN FEET ABOVE MOUTH

1% ANNUAL CHANCE FLOOD CONTAINED IN CULVERT

LIMIT OF DETAILED STUDY

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

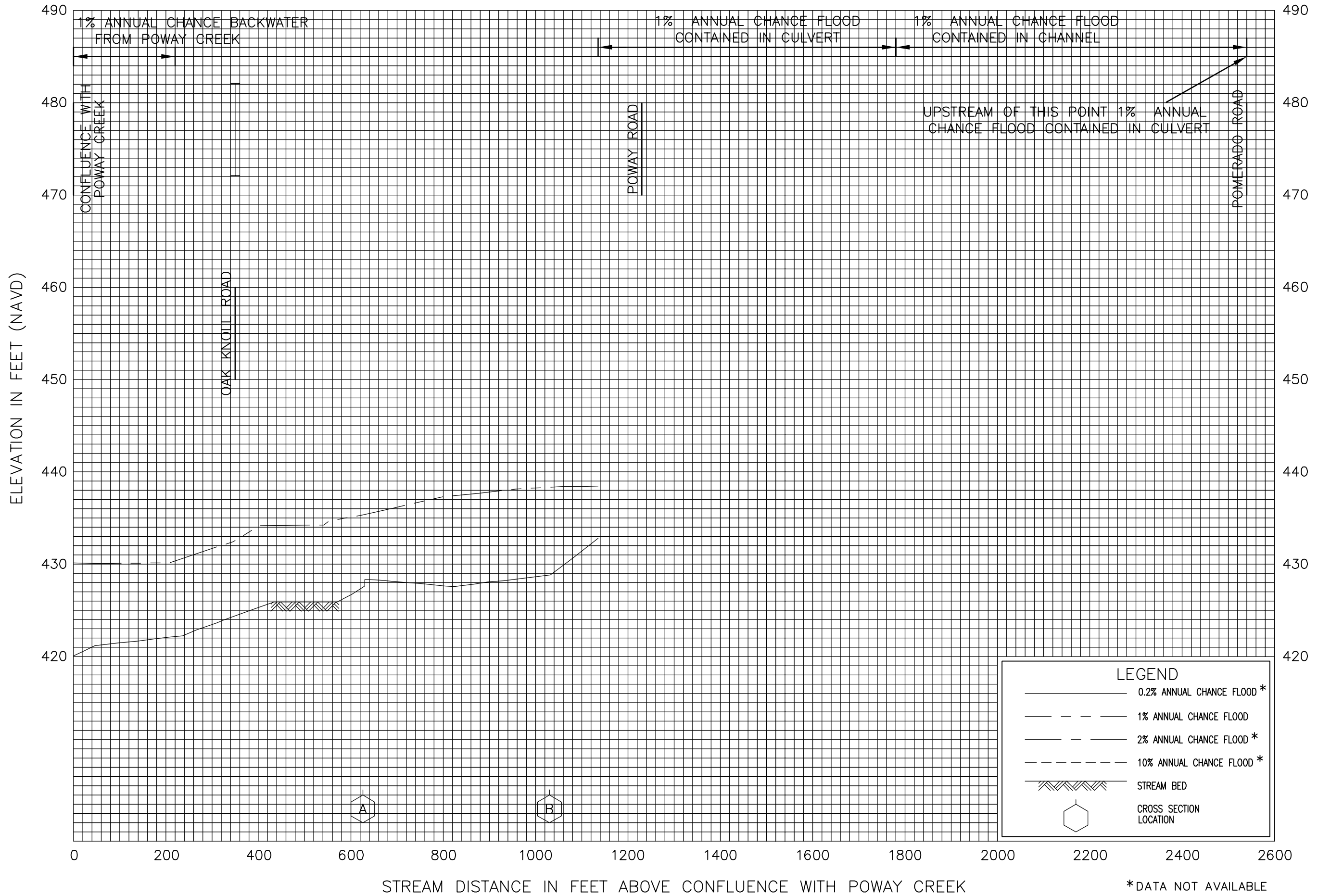
POGGI CANYON CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

296P





**LEGEND**

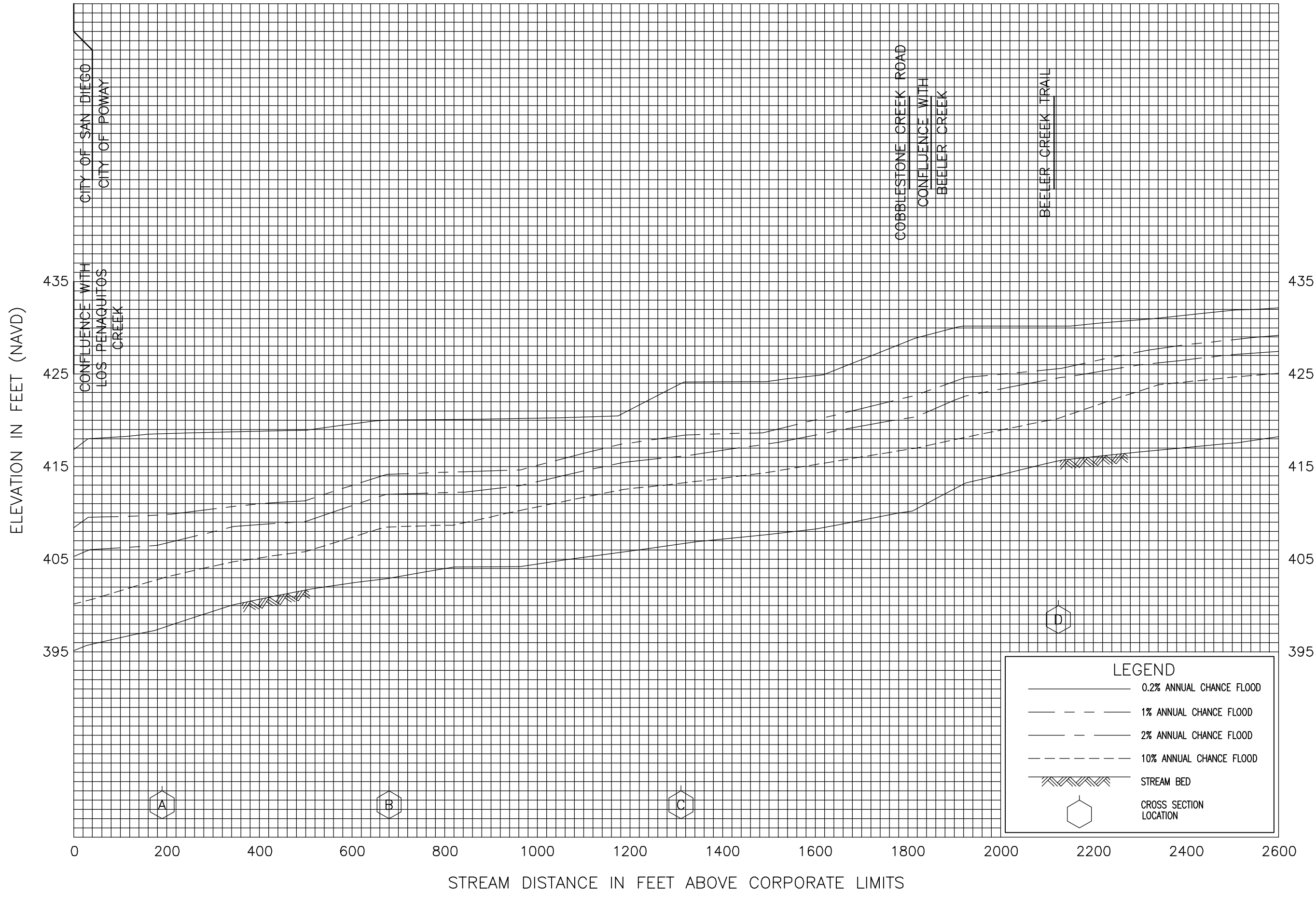
- 0.2% ANNUAL CHANCE FLOOD \*
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD \*
- 10% ANNUAL CHANCE FLOOD \*
- STREAM BED
- CROSS SECTION LOCATION

\*DATA NOT AVAILABLE

FLOOD PROFILES

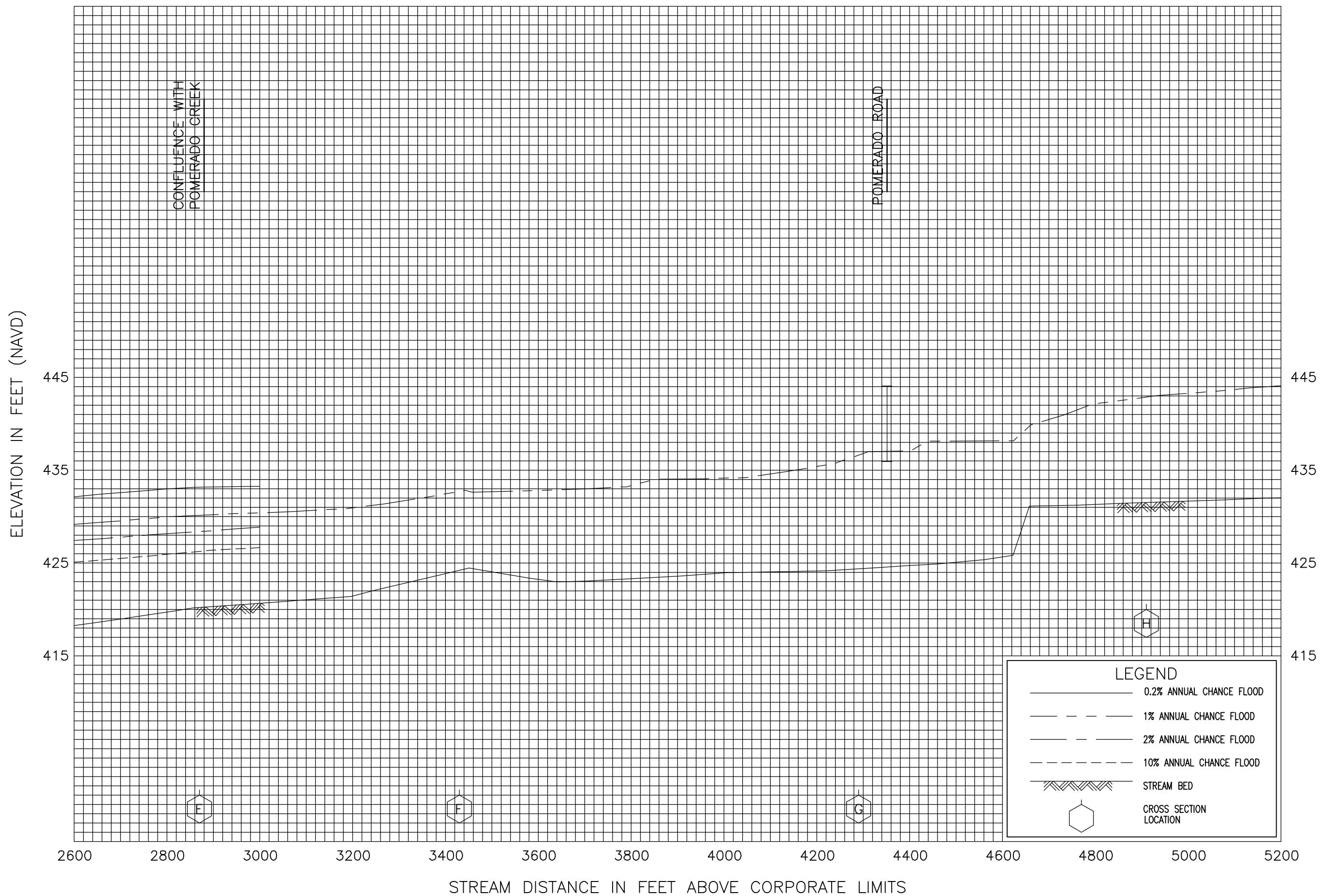
POMERADO CREEK

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



FLOOD PROFILES  
POWAY CREEK

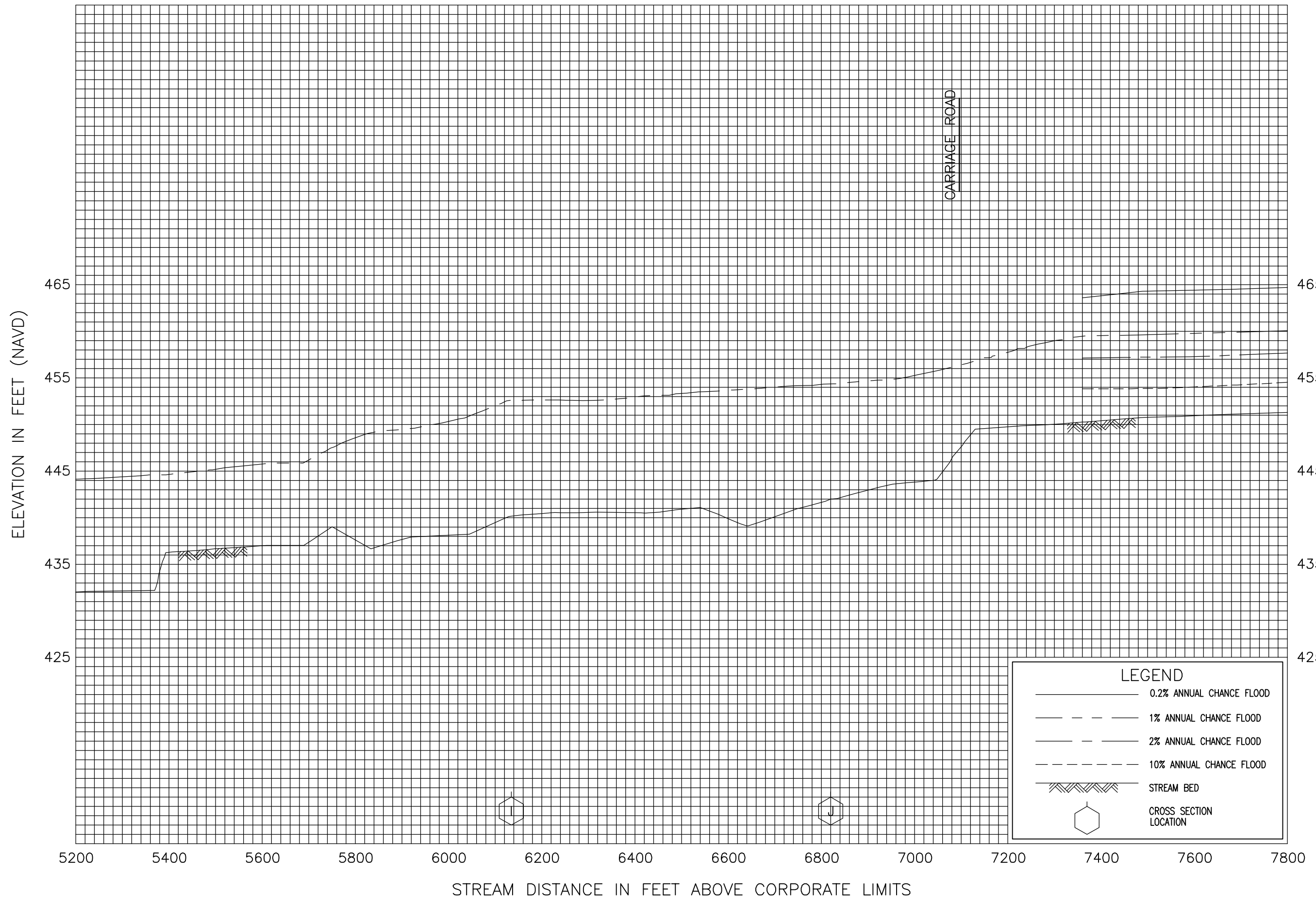
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

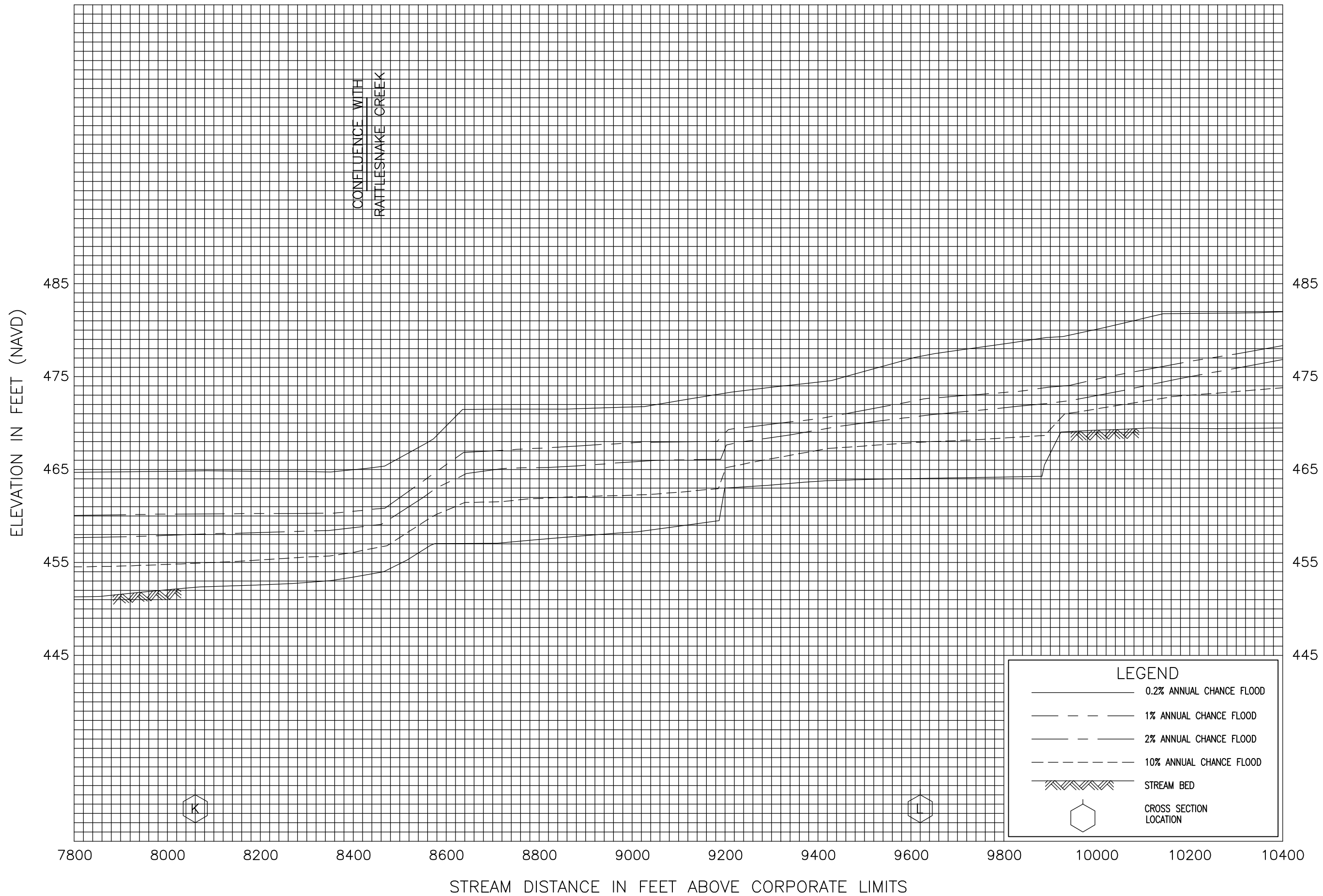
POWAY CREEK

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



FLOOD PROFILES  
POWAY CREEK

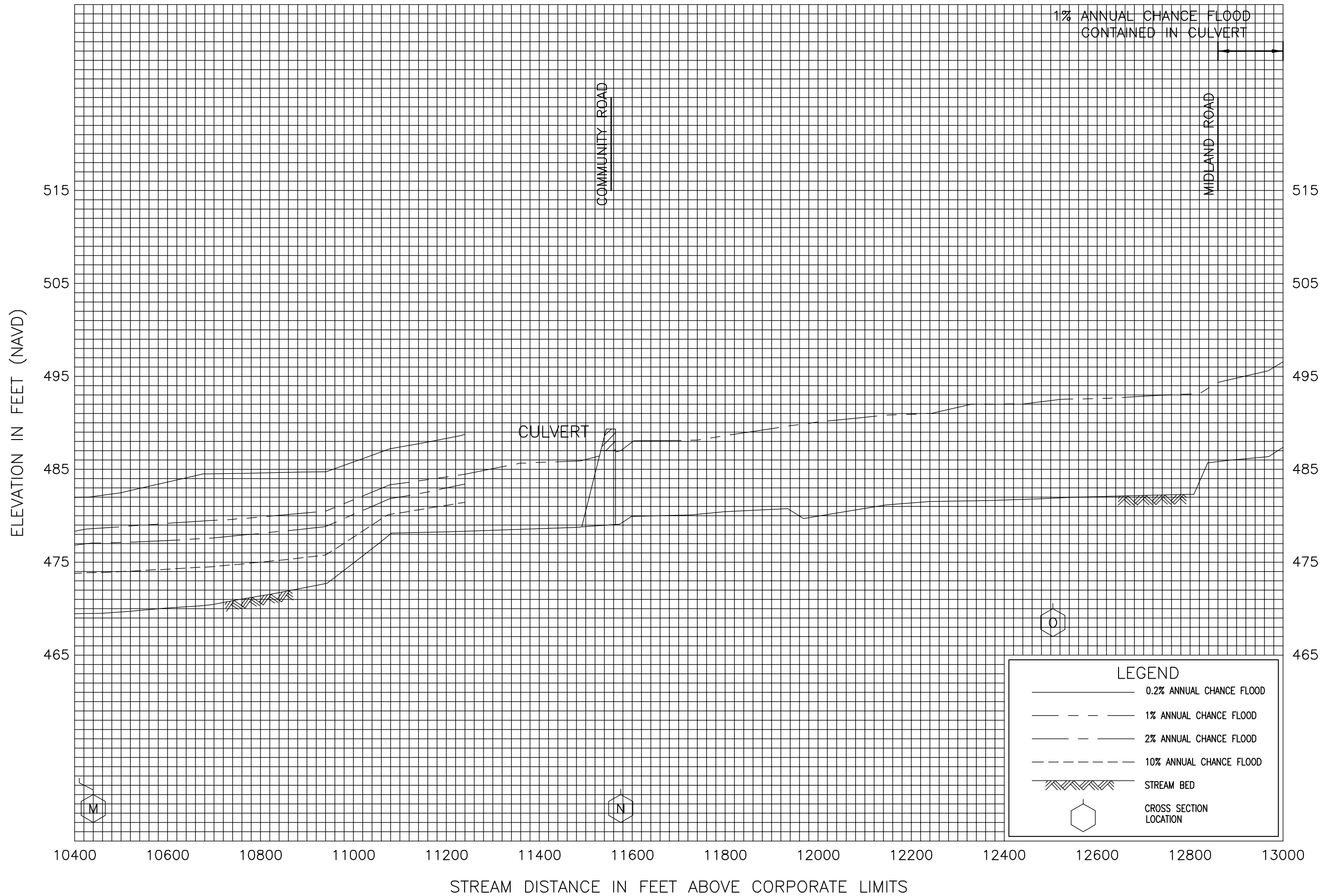
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



CONFLUENCE WITH  
RATTLESNAKE CREEK

FLOOD PROFILES  
POWAY CREEK

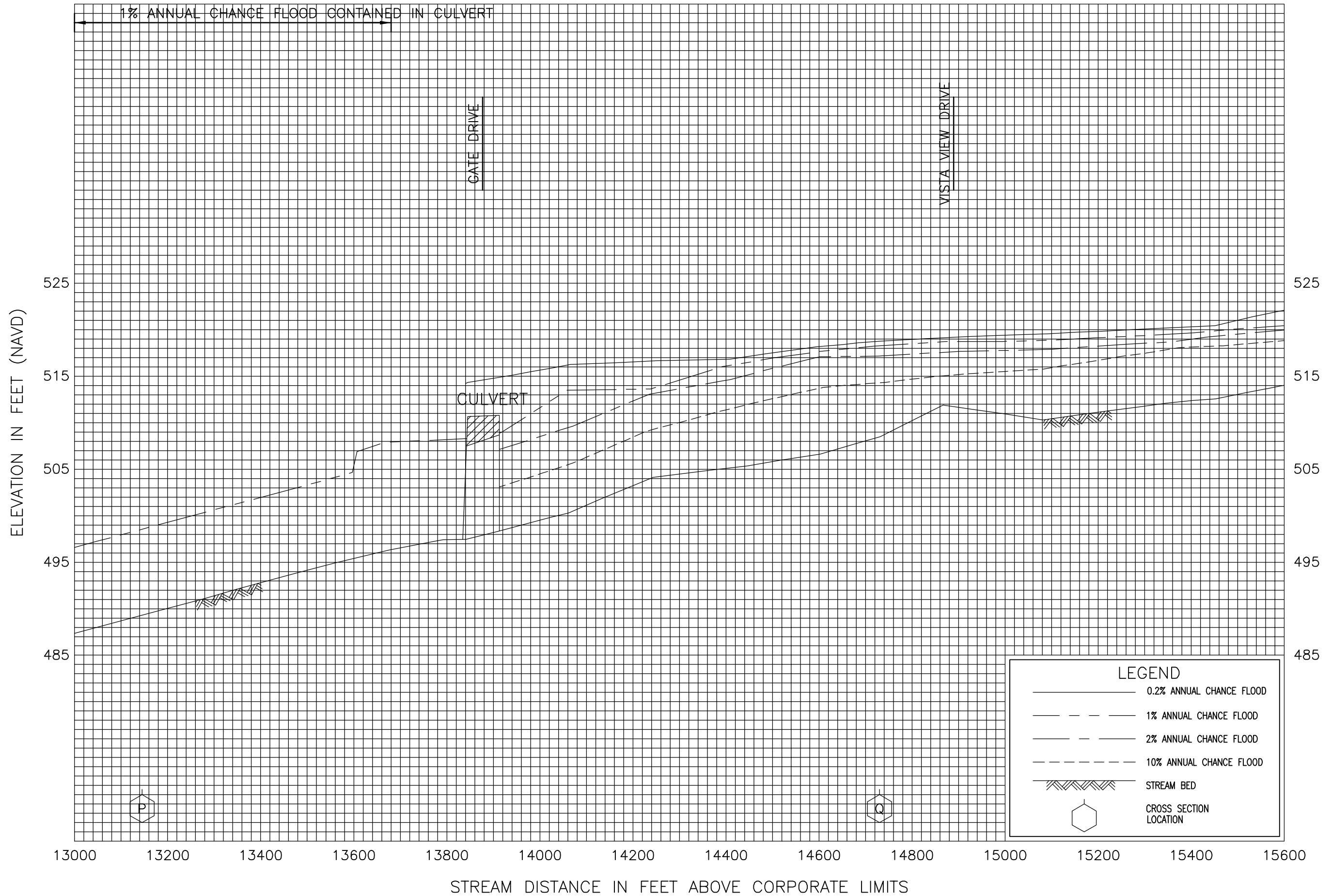
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

POWAY CREEK

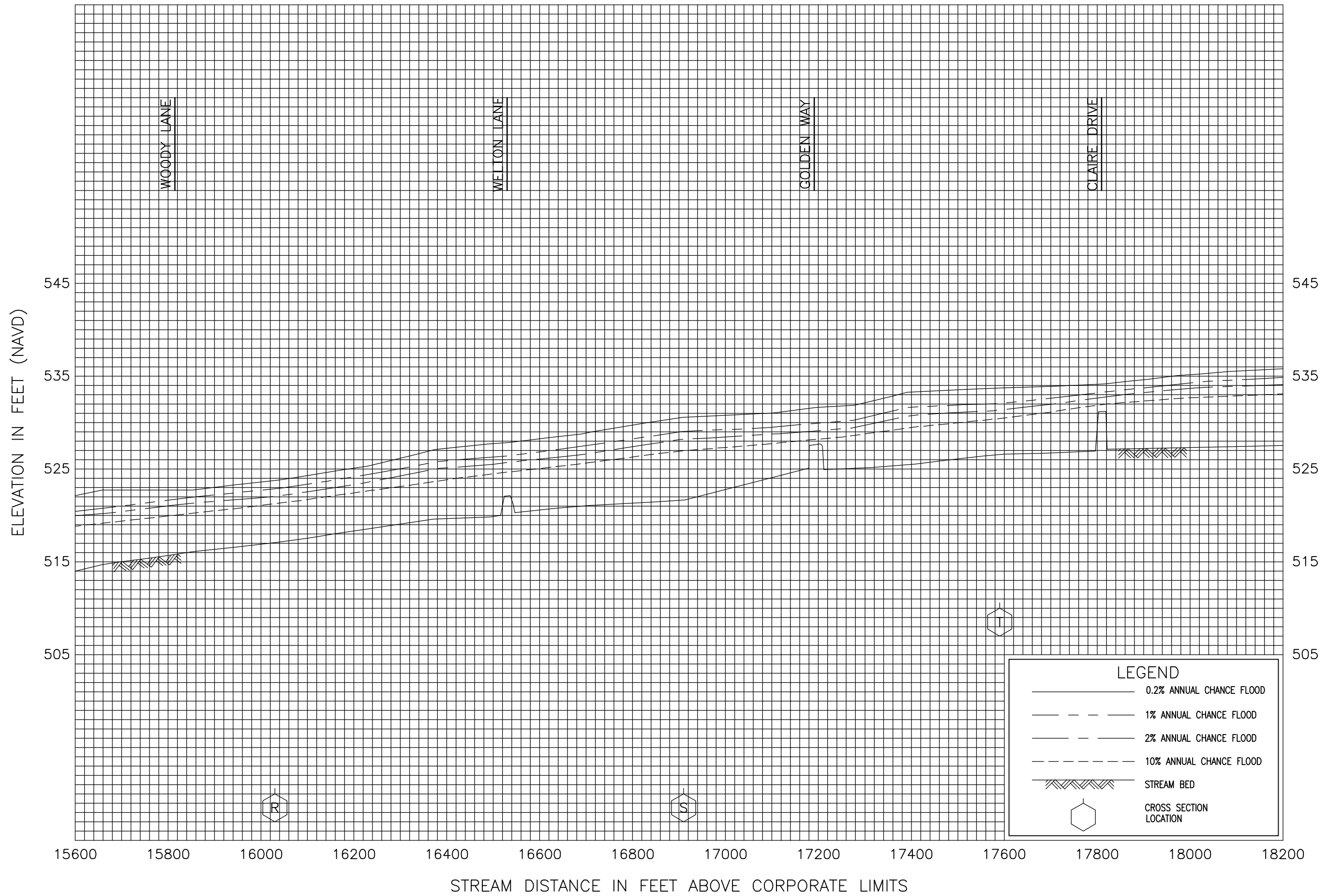
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

POWAY CREEK

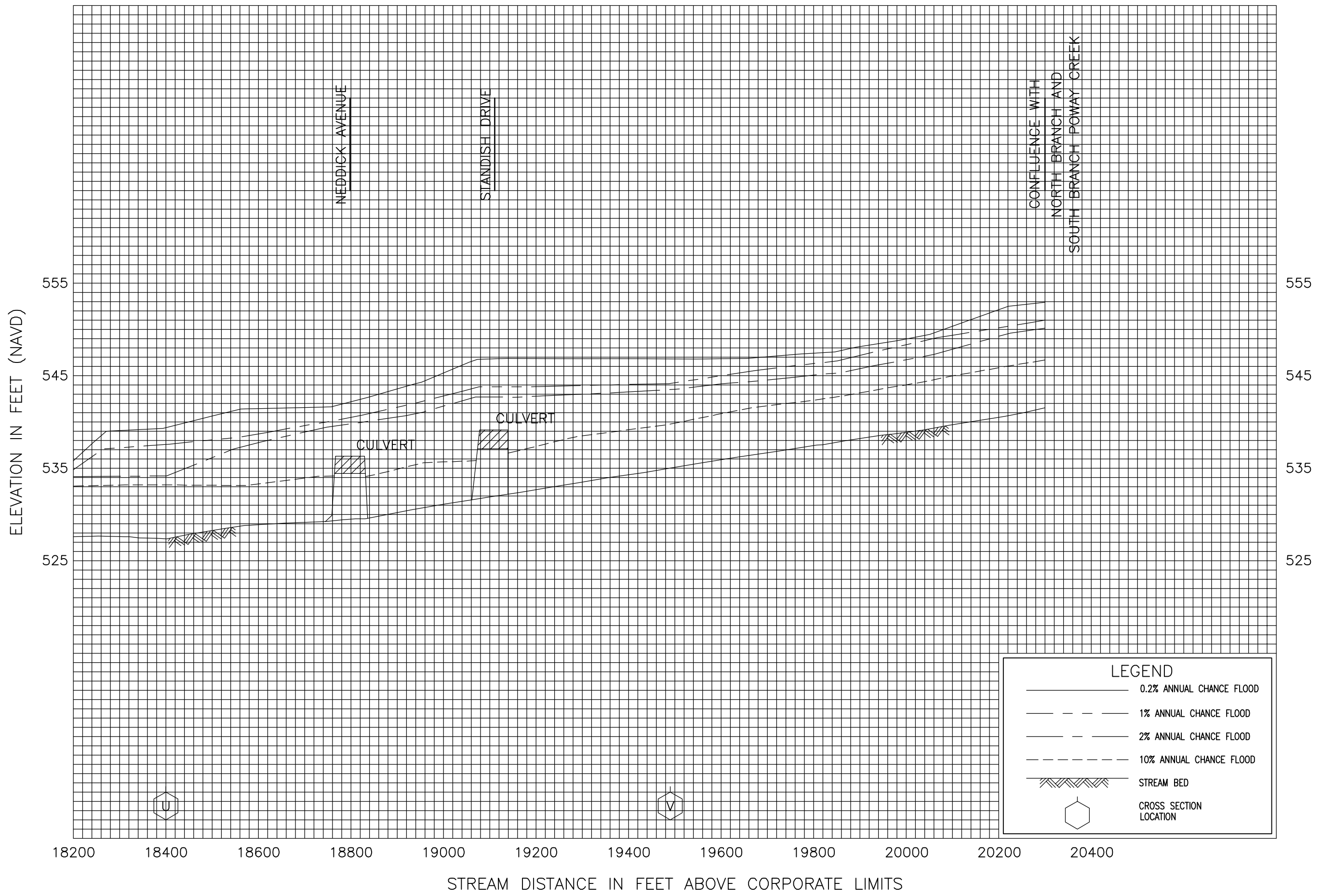
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES  
POWAY CREEK

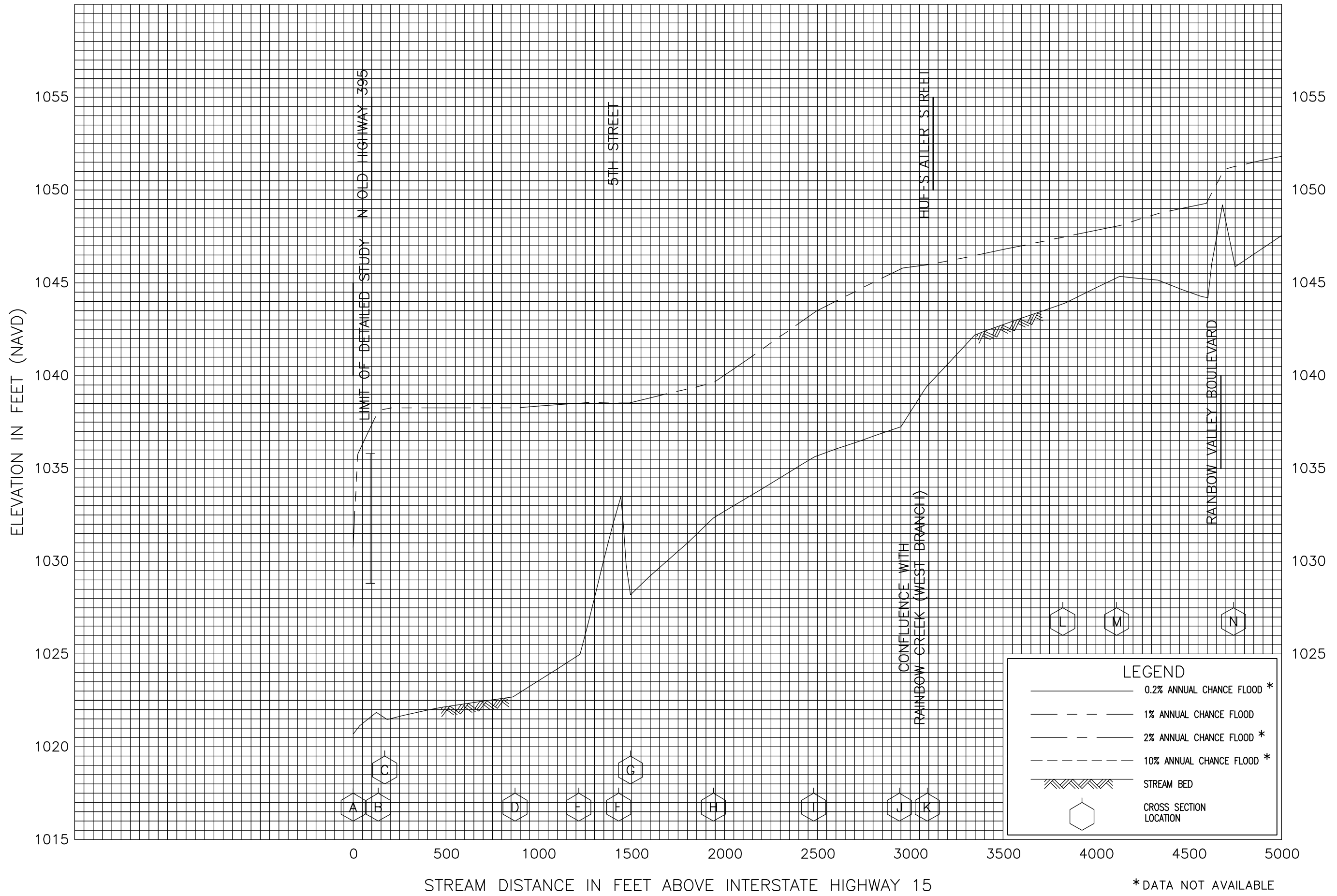
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





FLOOD PROFILES  
POWAY CREEK

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



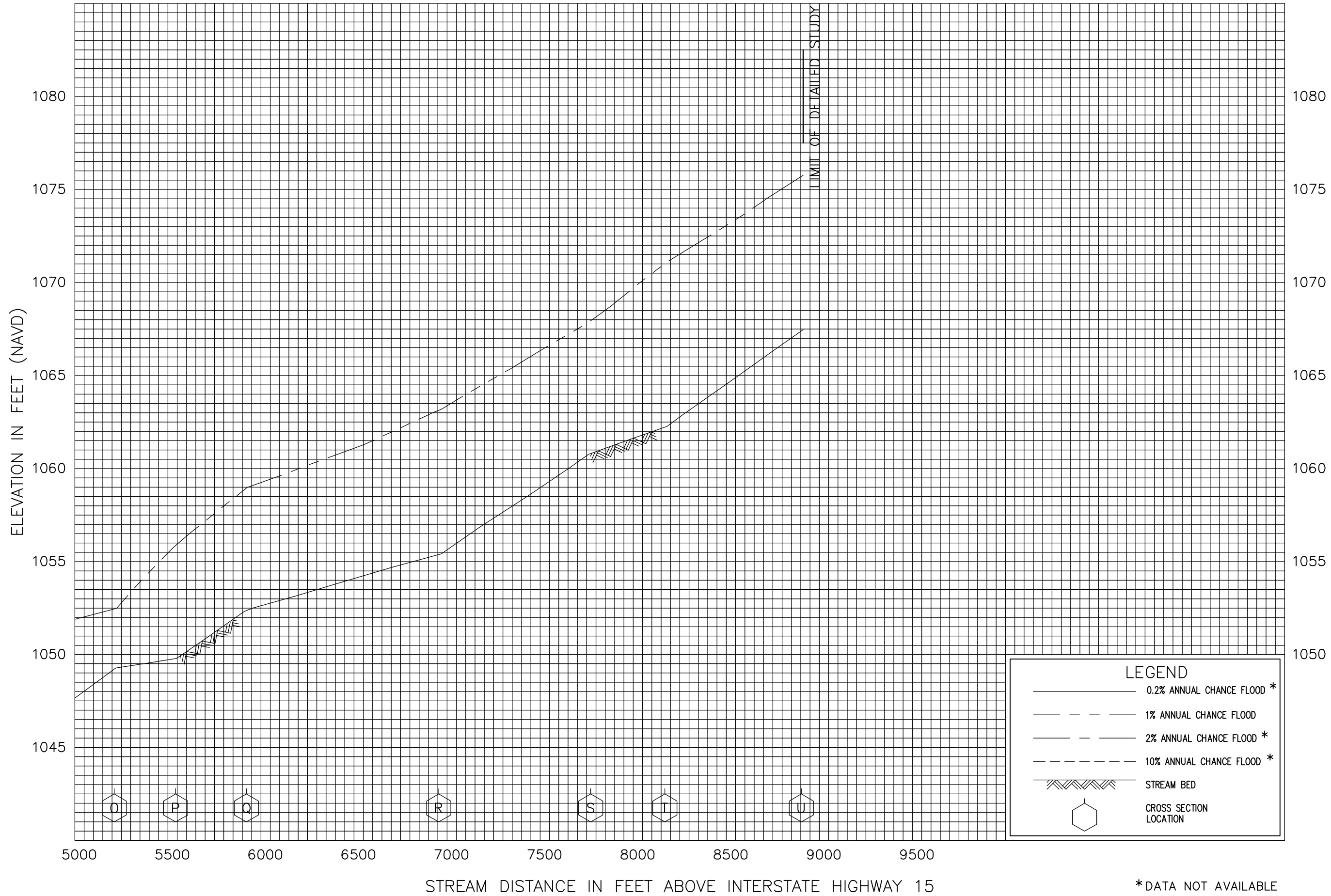
FLOOD PROFILES

RAINBOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

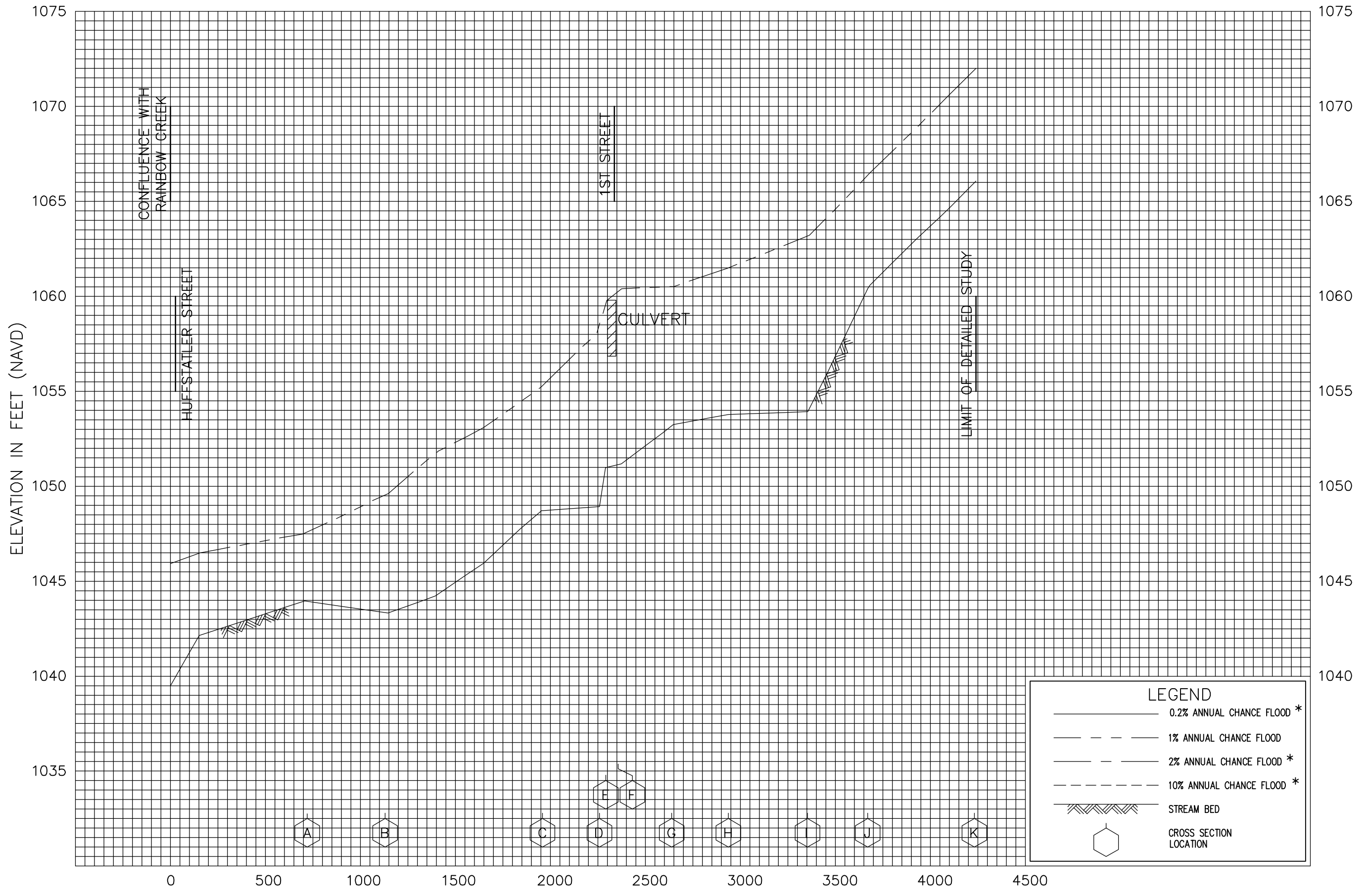
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

\* DATA NOT AVAILABLE



FLOOD PROFILES  
RAINBOW CREEK

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



FLOOD PROFILES  
RAINBOW CREEK (WEST BRANCH)

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

\* DATA NOT AVAILABLE