

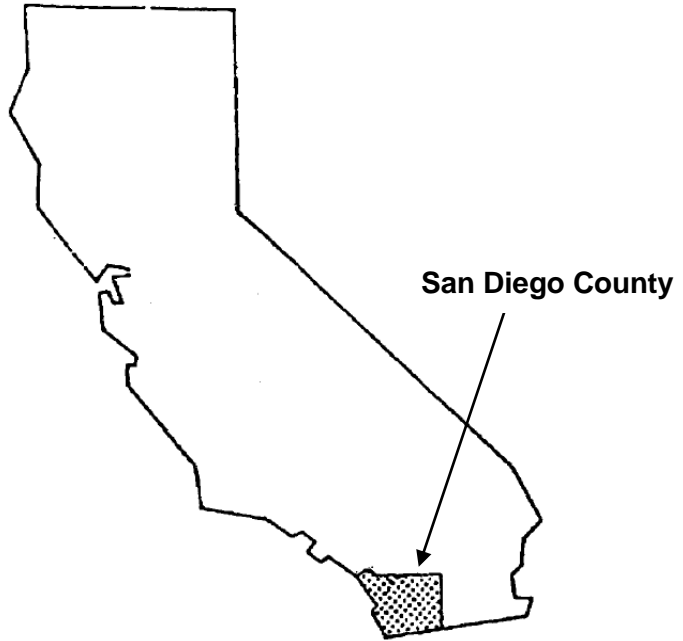
# FLOOD INSURANCE STUDY



## SAN DIEGO COUNTY, CALIFORNIA AND INCORPORATED AREAS

VOLUME 5 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  
May 16, 2012



**Federal Emergency Management Agency**

FLOOD INSURANCE STUDY NUMBER

06073CV005C



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Alvarado Creek	12P - 34P
Beaver Hollow Creek	35P - 39P
Beeler Creek	40P - 46P
Broadway Creek	47P - 49P
Buena Creek	50P - 58P
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Descanso Creek	112P - 114P
Encanto Branch	115P - 118P
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Las Chollas Creek	195P - 199P
Las Posas Creek (Upper)	200P
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North Tributary to Santa Maria Creek	254P - 255P
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Sweetwater River (At National City)	497P - 501P
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Switzer Creek	506P

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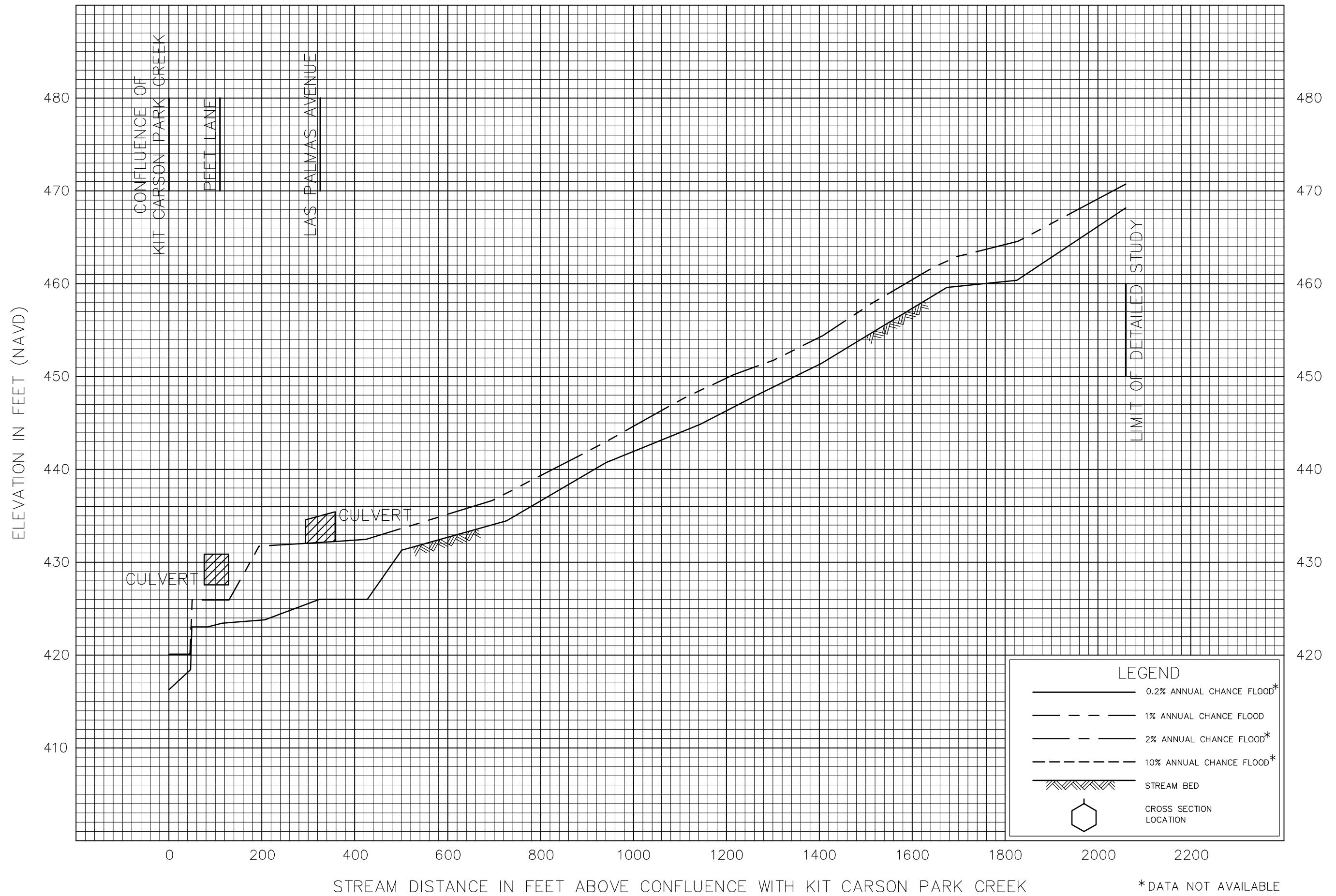
EXHIBITS

EXHIBIT 1 – FLOOD PROFILES

Tecolote Creek	507P - 520P
Telegraph Canyon Creek	521P - 540P
Tijuana River	541P – 545P
Tributary of South Tributary to Santa Maria Creek	546P
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PUBLISHED SEPARATELY: Flood Insurance Rate Map Index  
Flood Insurance Rate Map

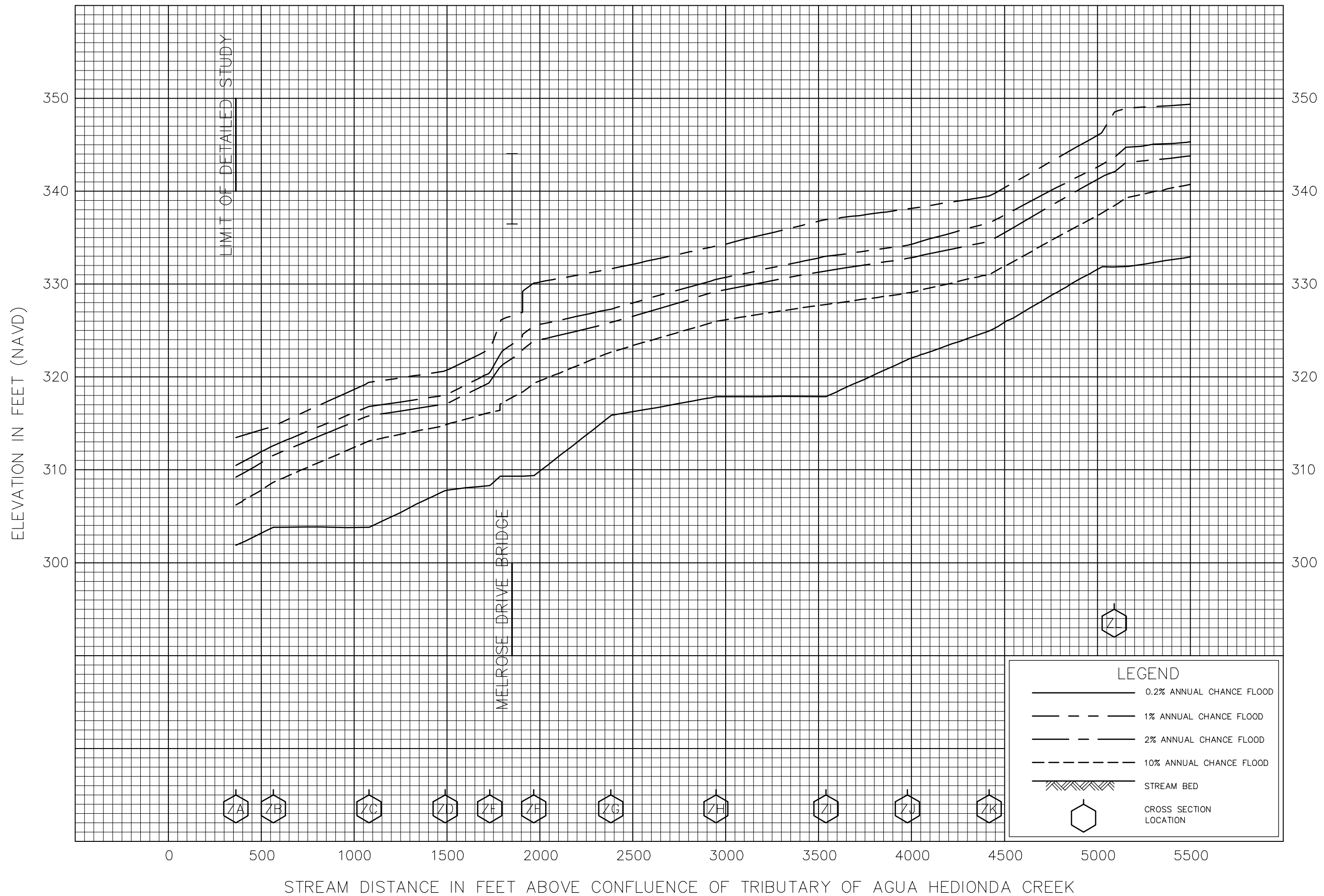




**FLOOD PROFILES**

ADOBE CREEK

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

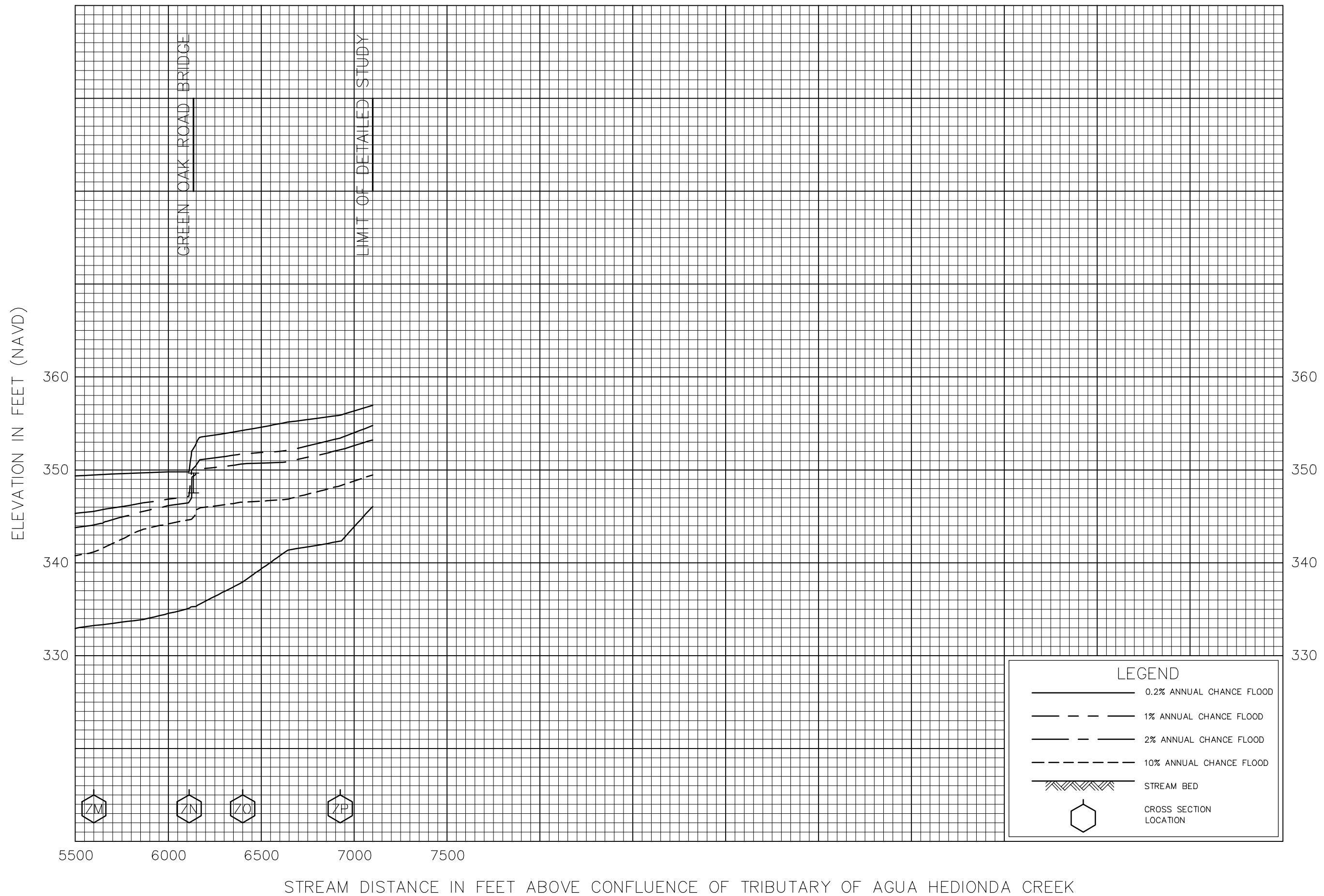


FLOOD PROFILES

AGUA HEDIONDA CREEK

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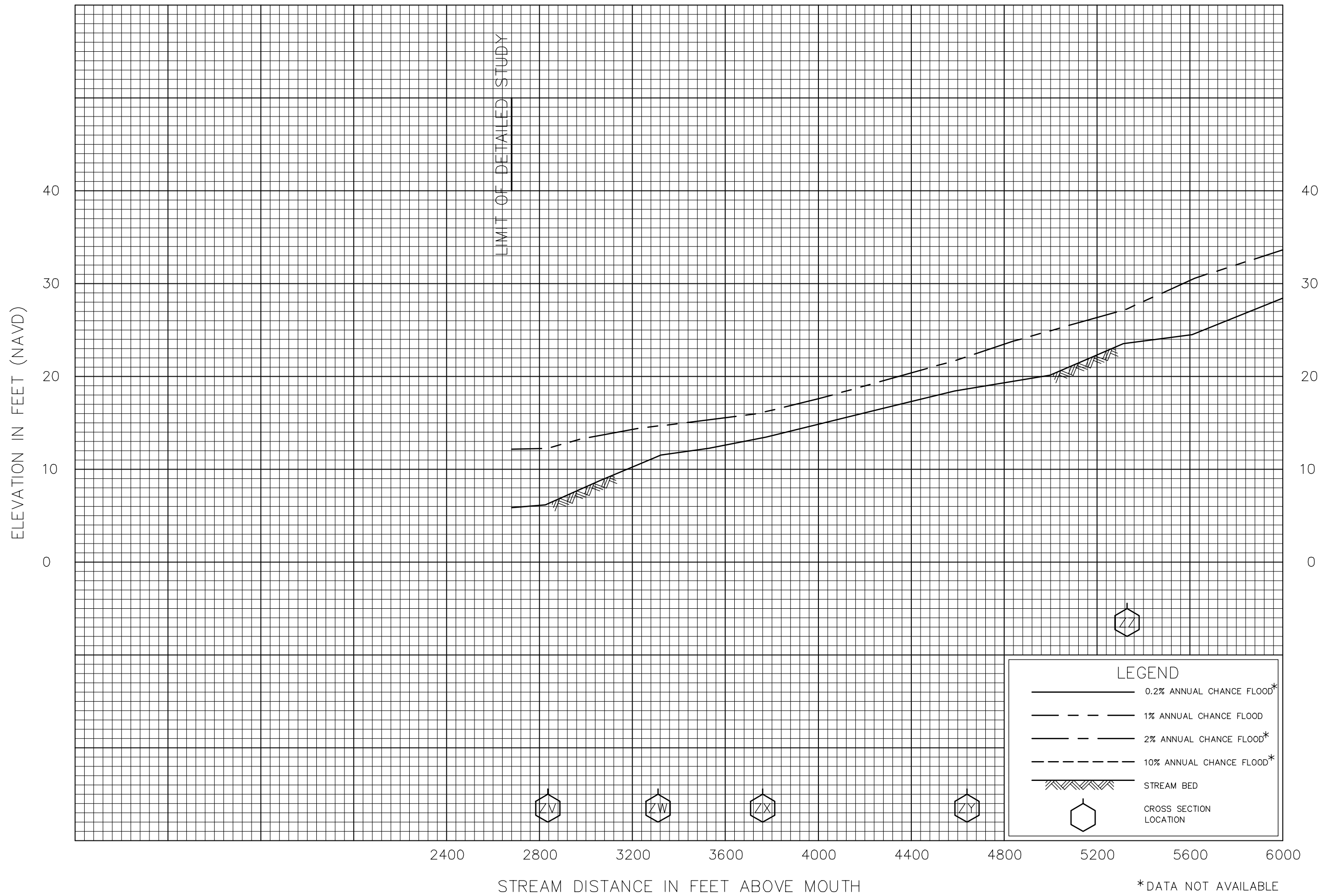


FLOOD PROFILES

AGUA HEDIONDA CREEK

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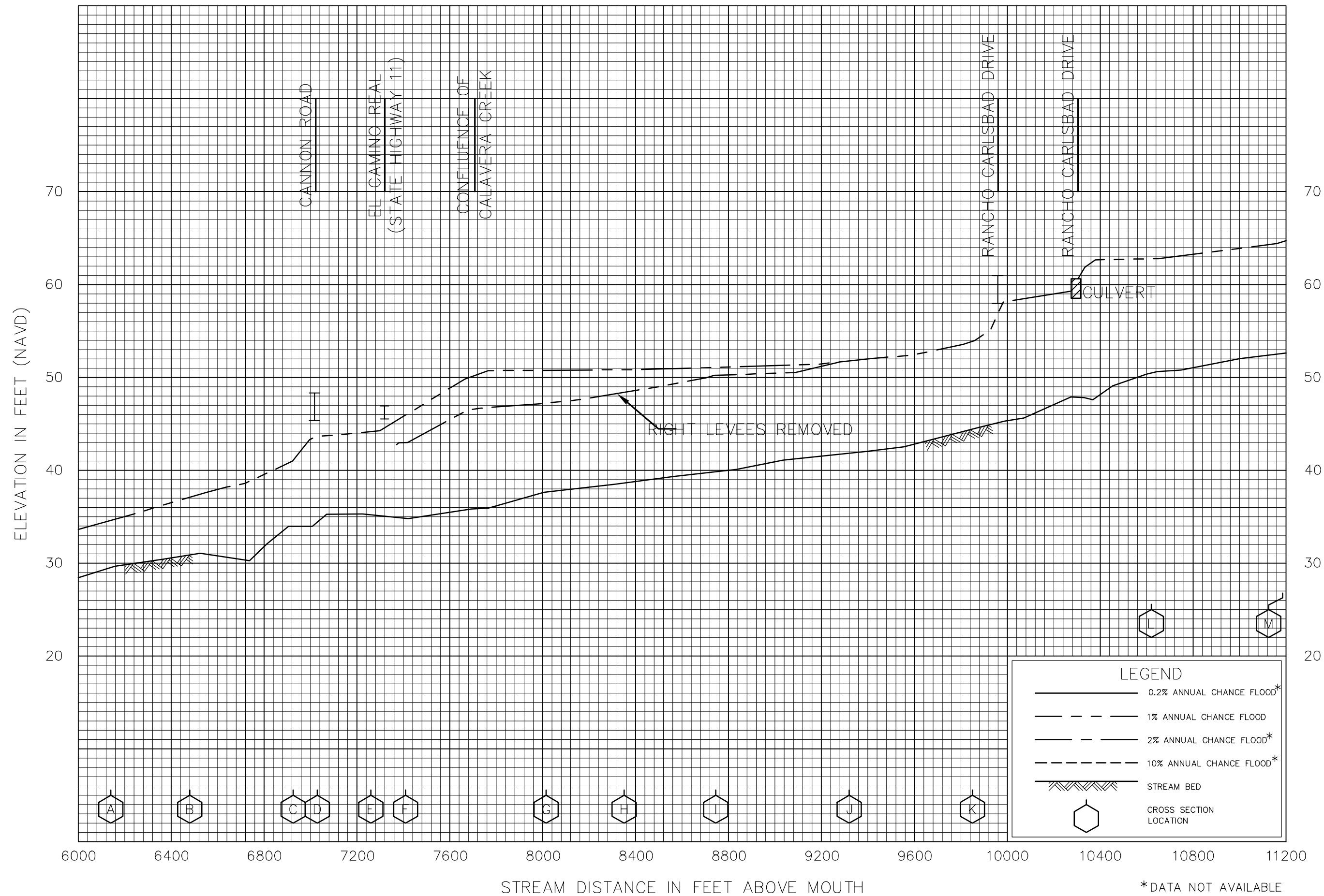
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**FLOOD PROFILES**  
 AGUA HEDIONDA CREEK (AT CITY OF CARLSBAD)

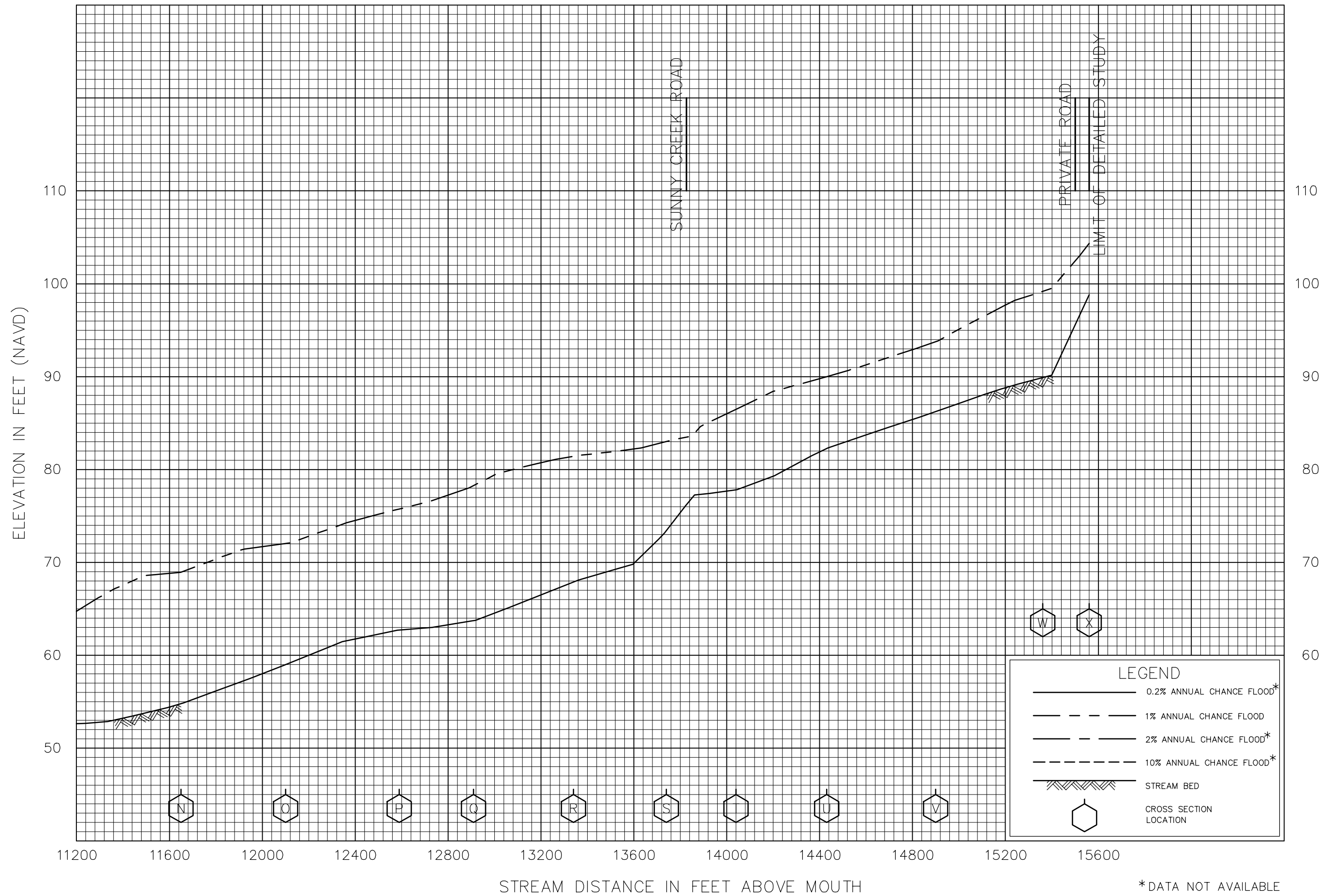
\*DATA NOT AVAILABLE



**FLOOD PROFILES**

AGUA HEDIONDA CREEK (AT CITY OF CARLSBAD)

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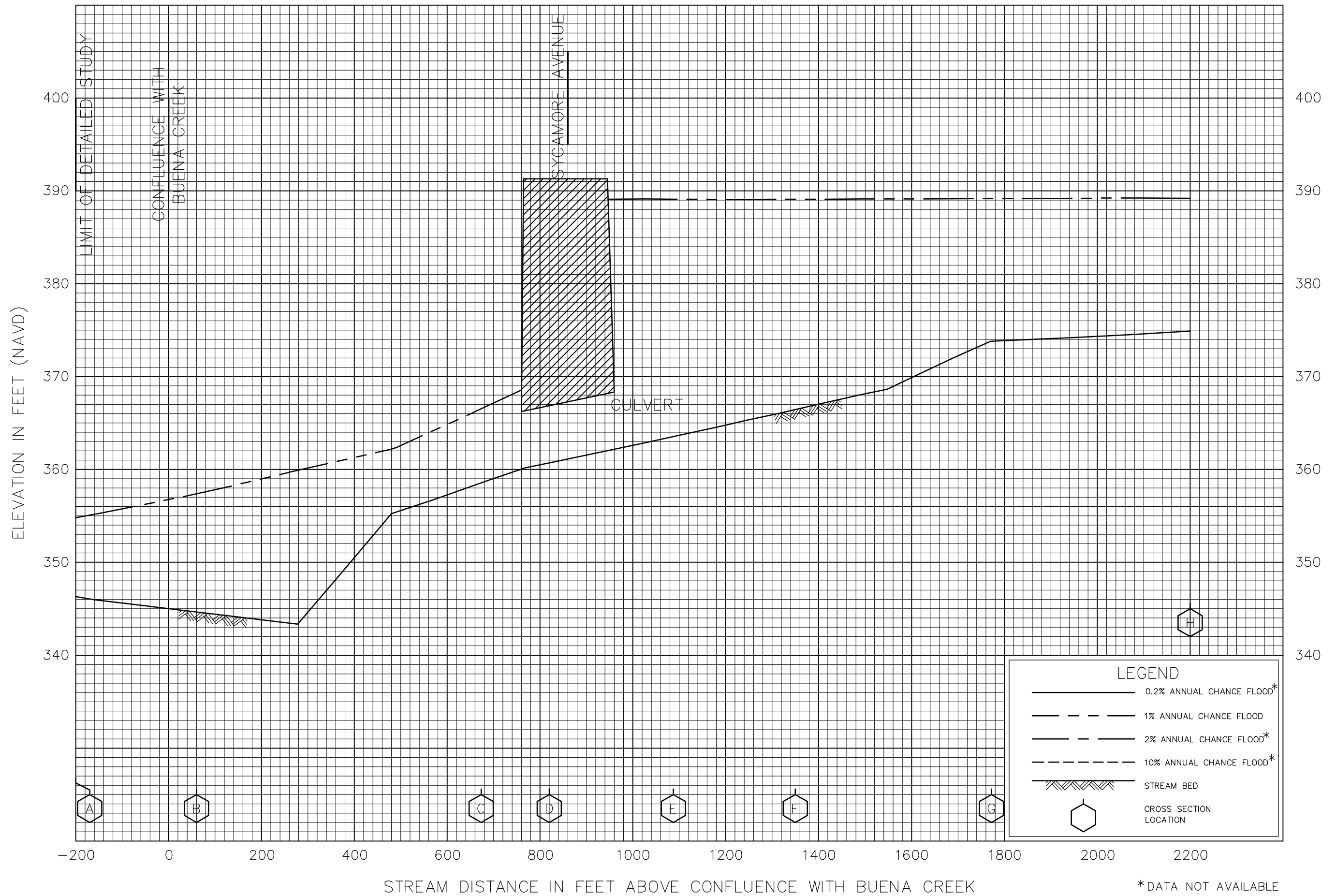
**LEGEND**

- 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**  
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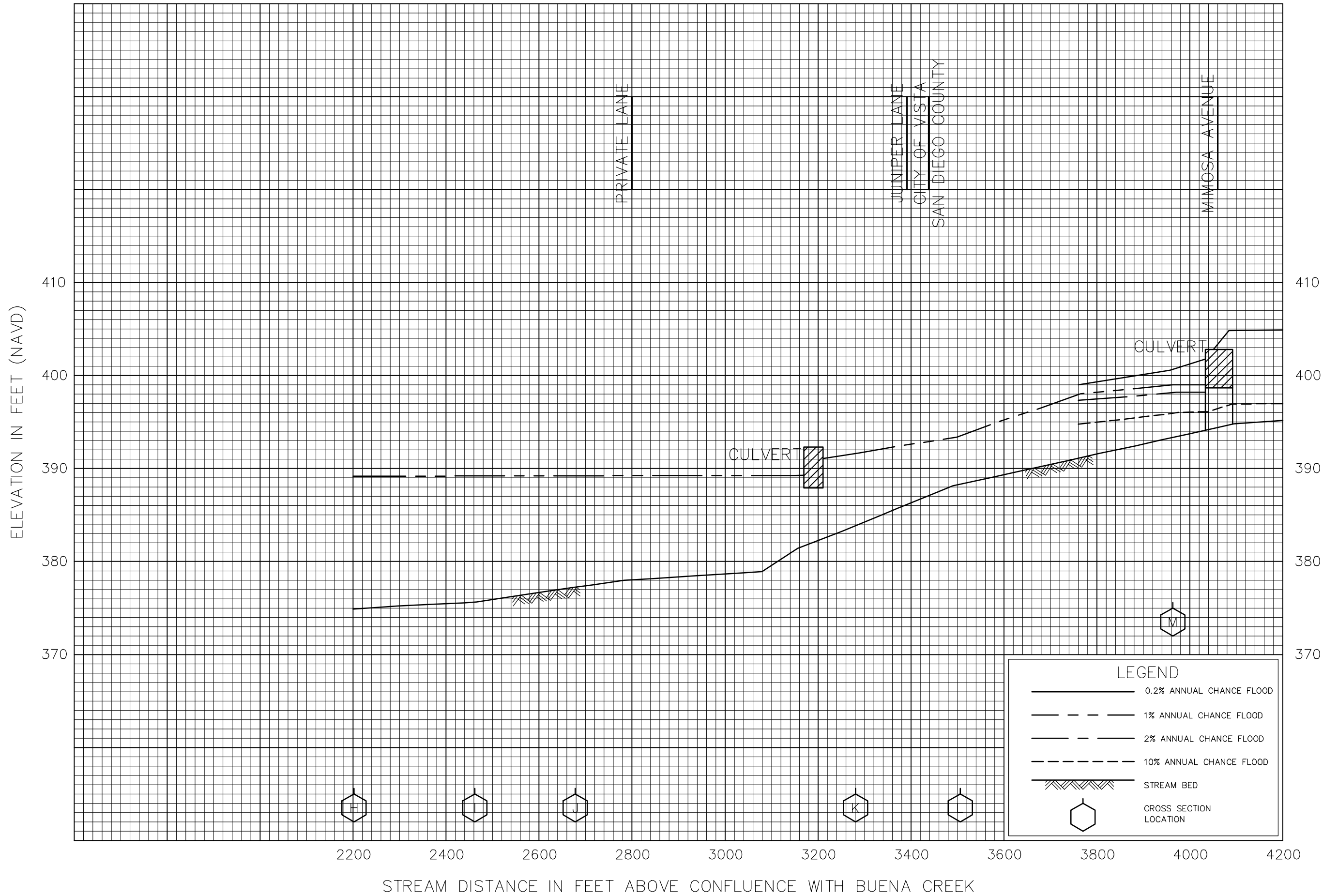


FLOOD PROFILES

AGUA HEDIONDA CREEK (AT CITY OF VISTA)

FEDERAL EMERGENCY MANAGEMENT AGENCY  
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\* DATA NOT AVAILABLE

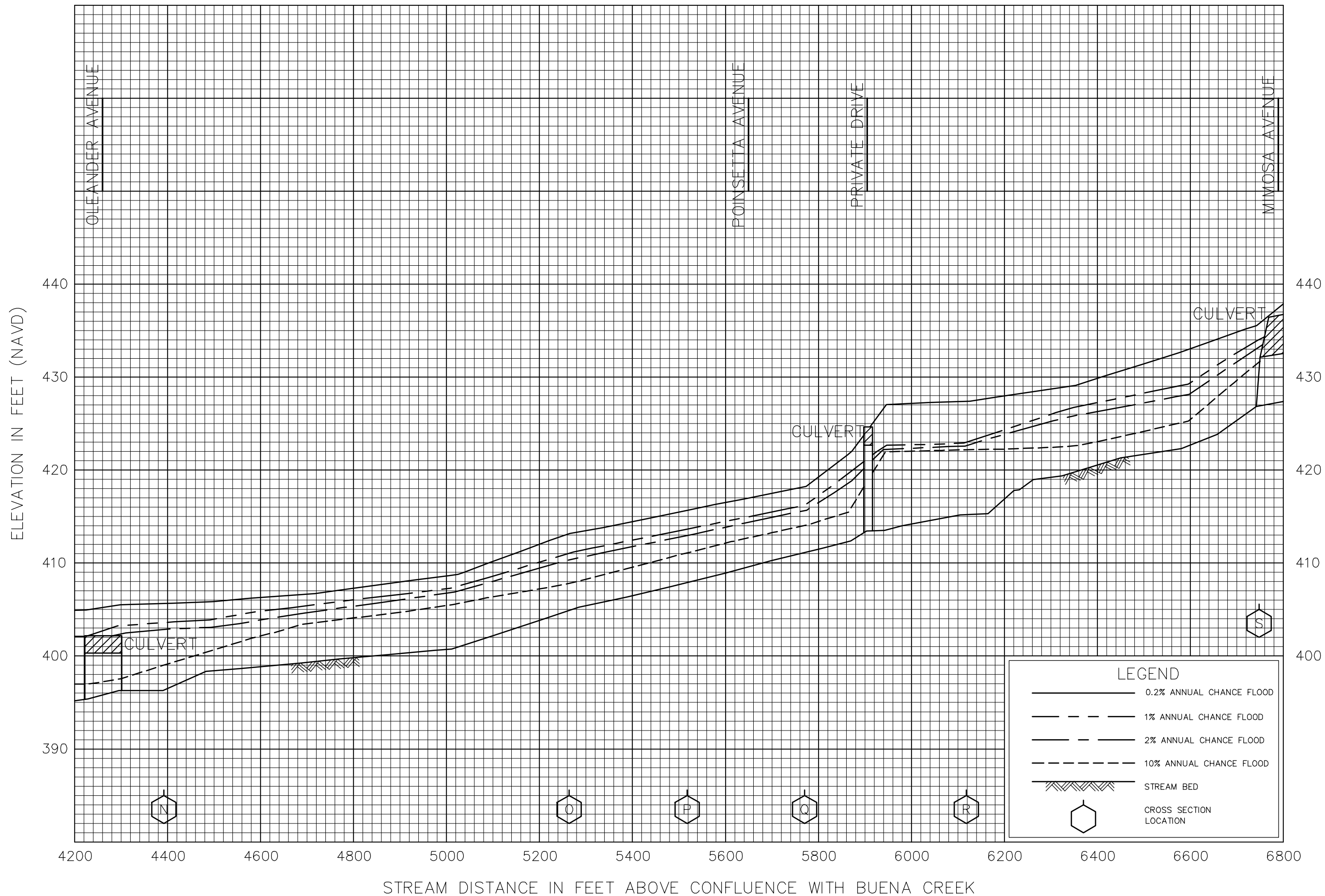


FLOOD PROFILES

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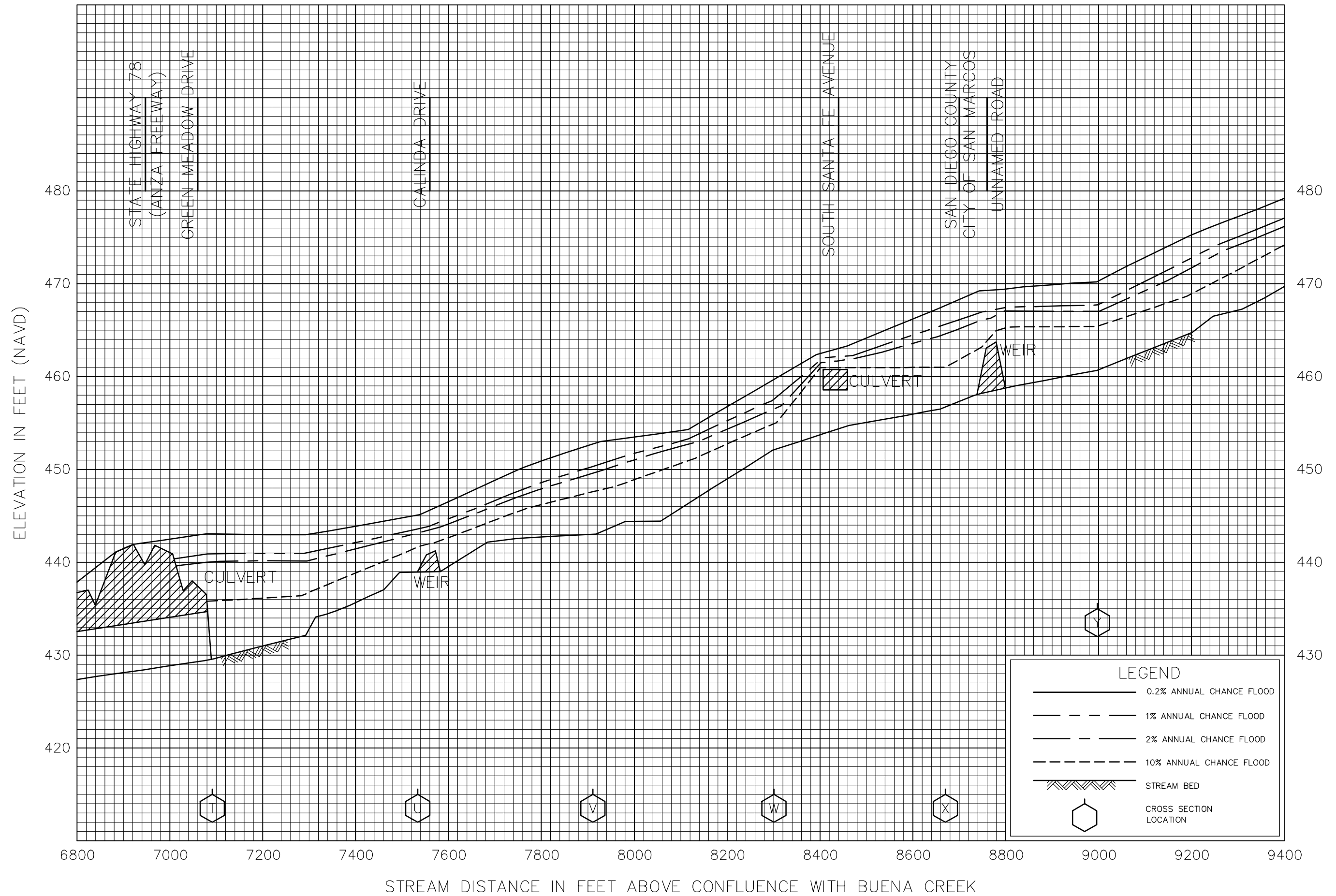




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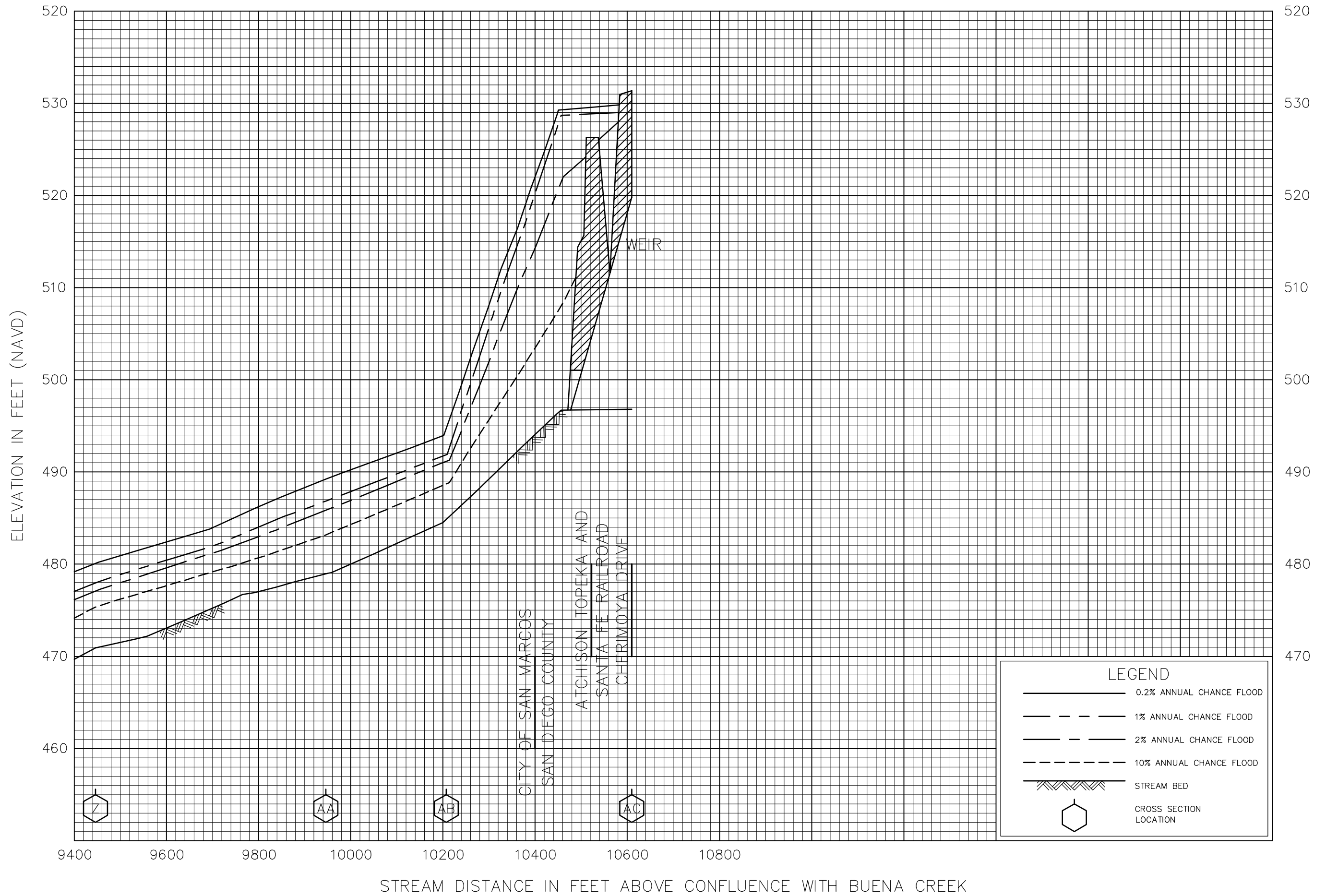


**FLOOD PROFILES**

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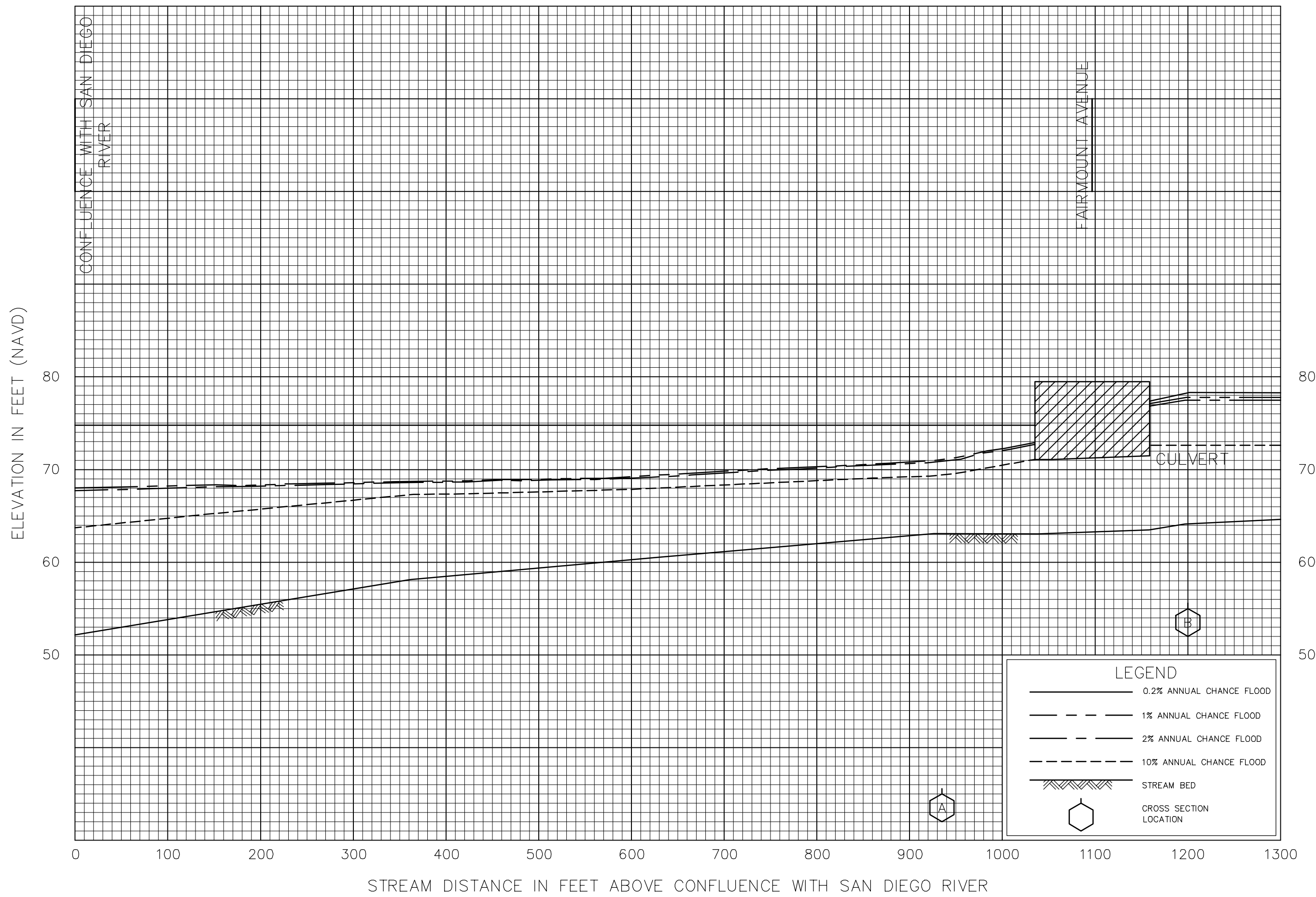


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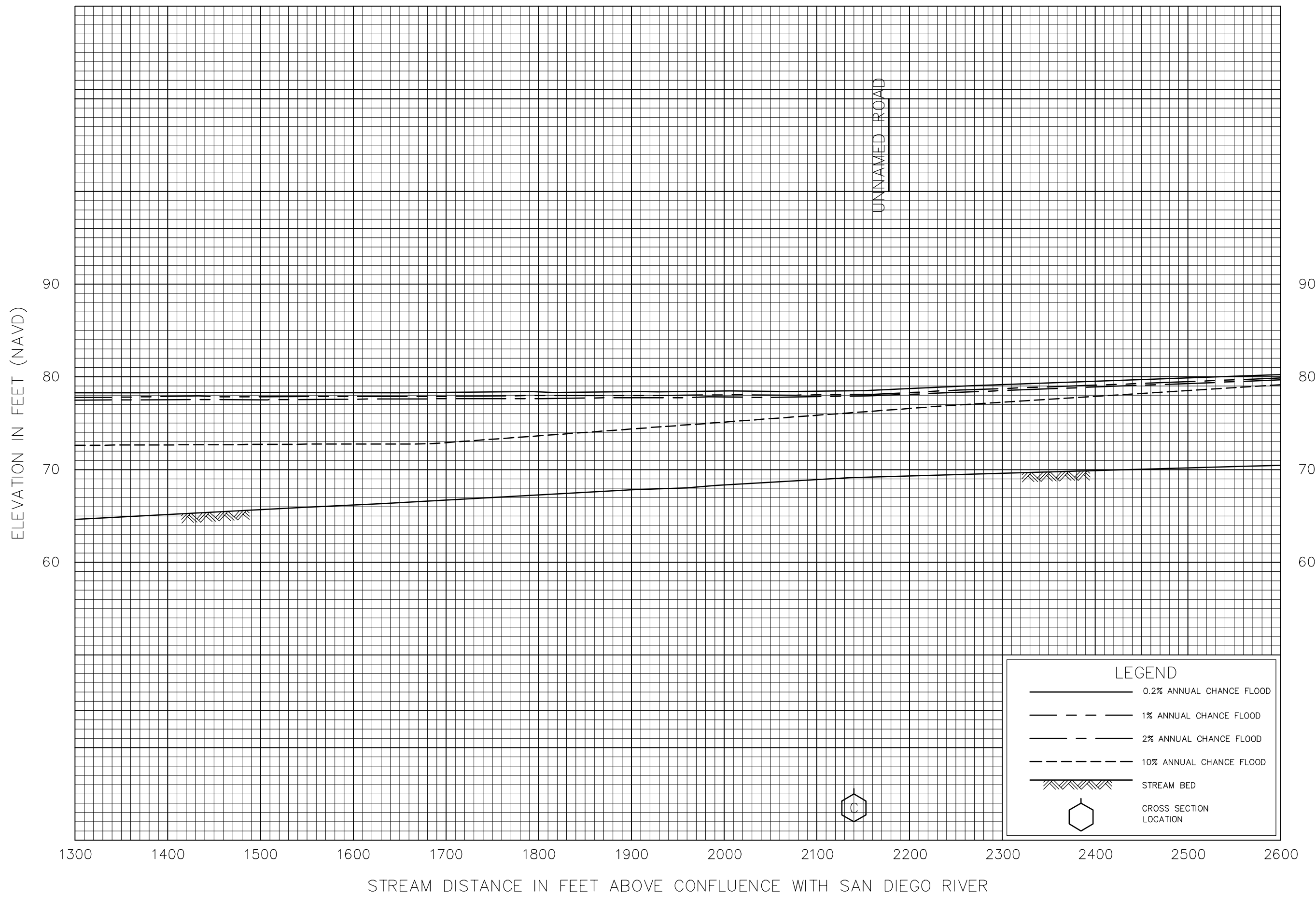


FLOOD PROFILES

ALVARADO CREEK

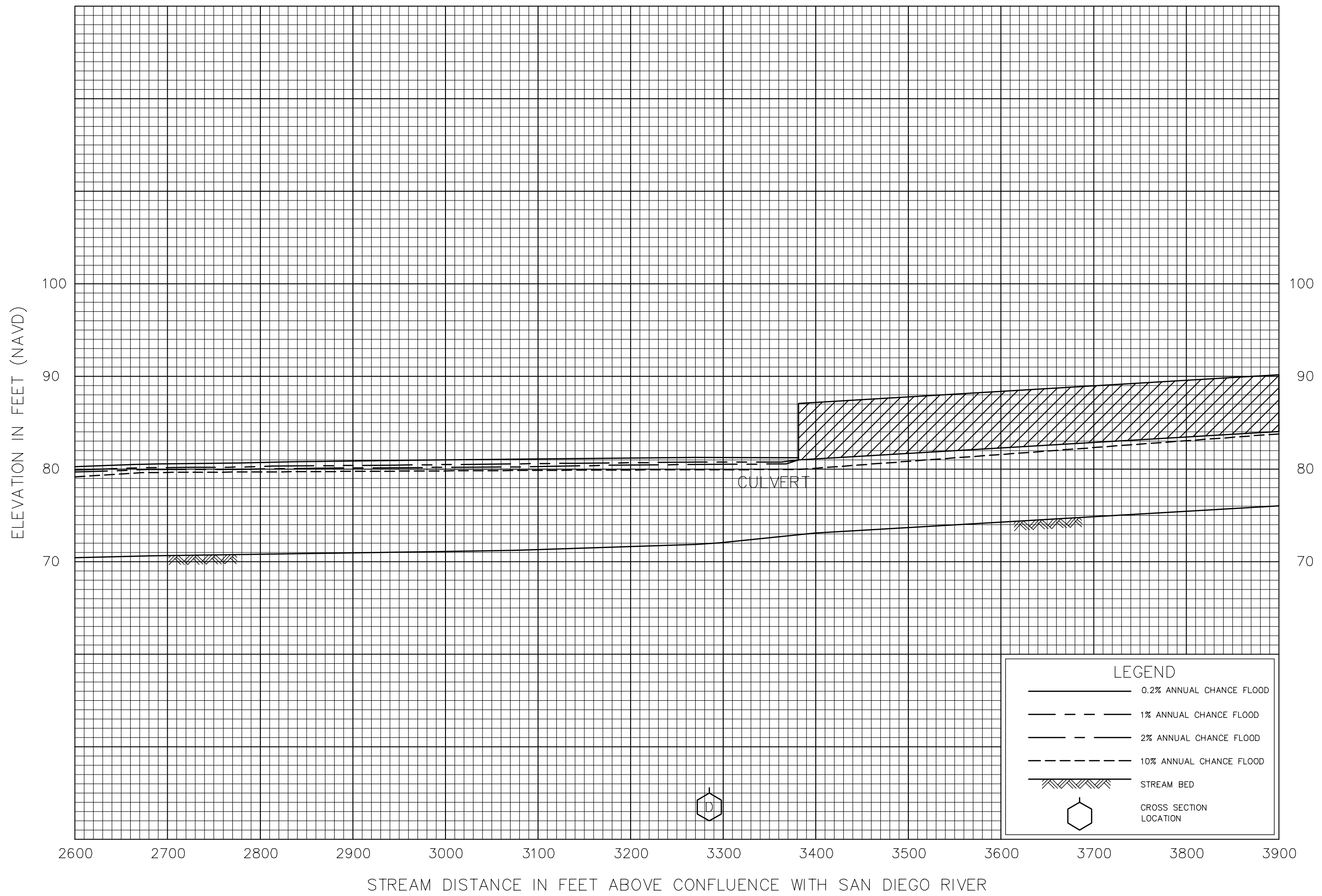
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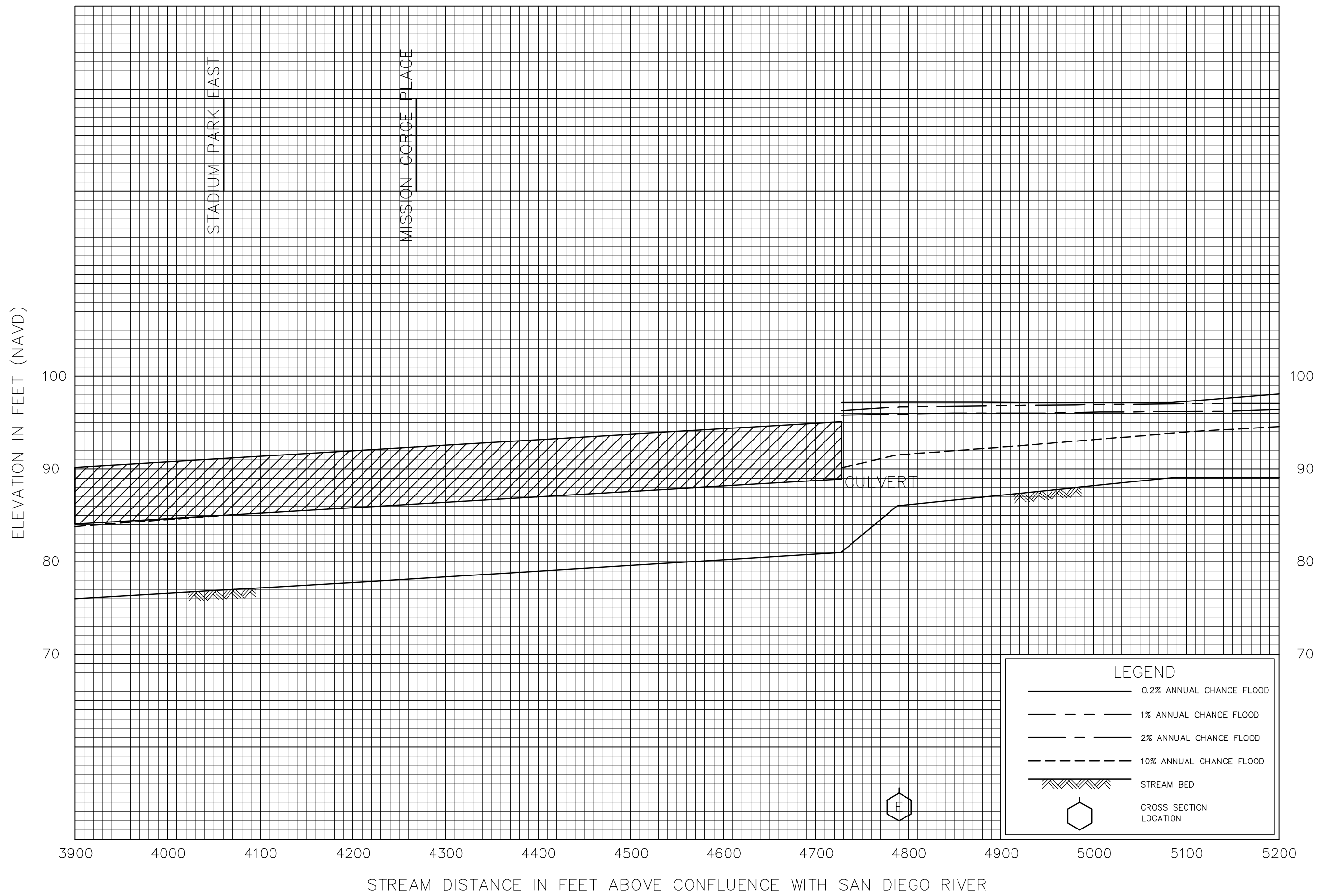
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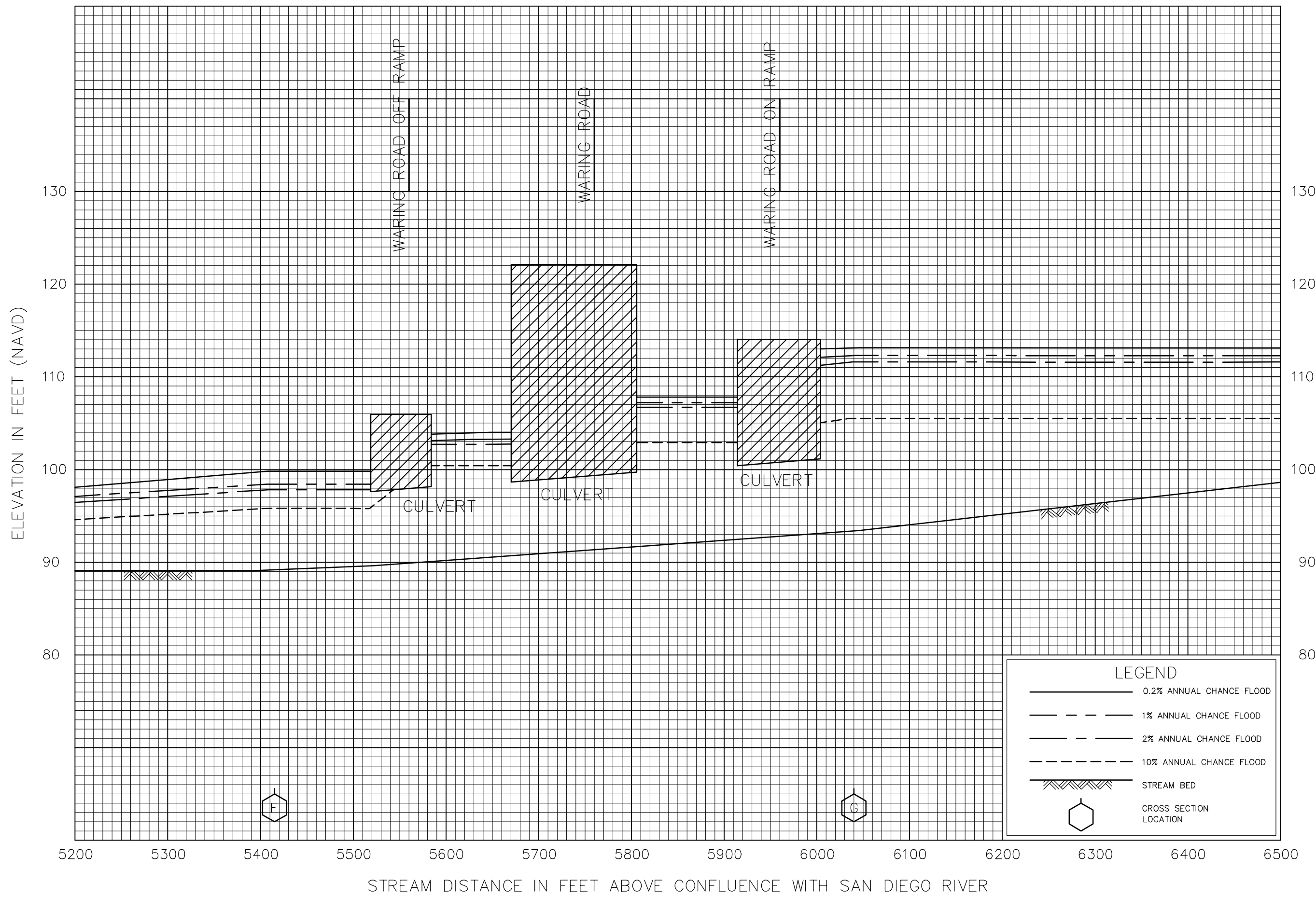
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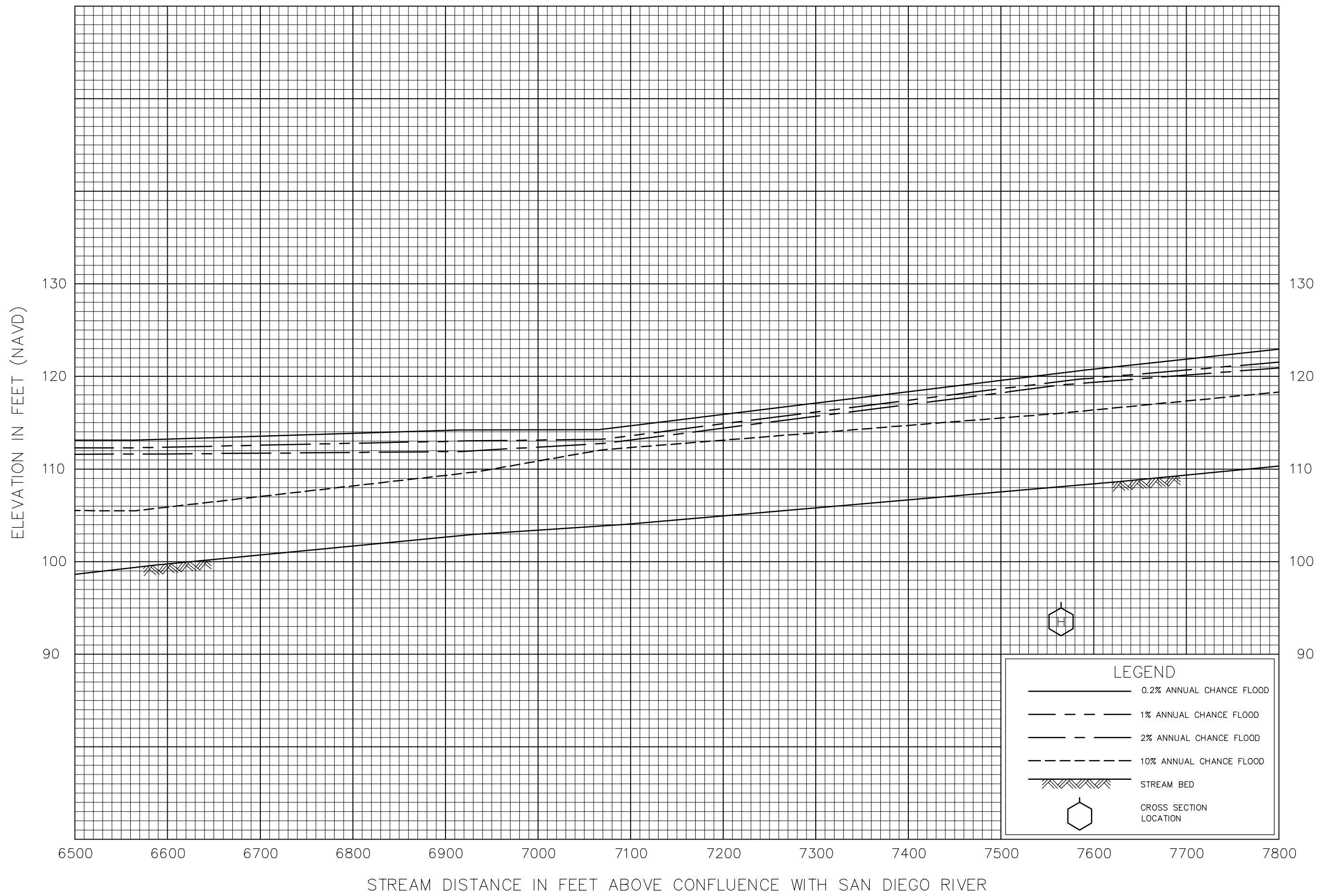
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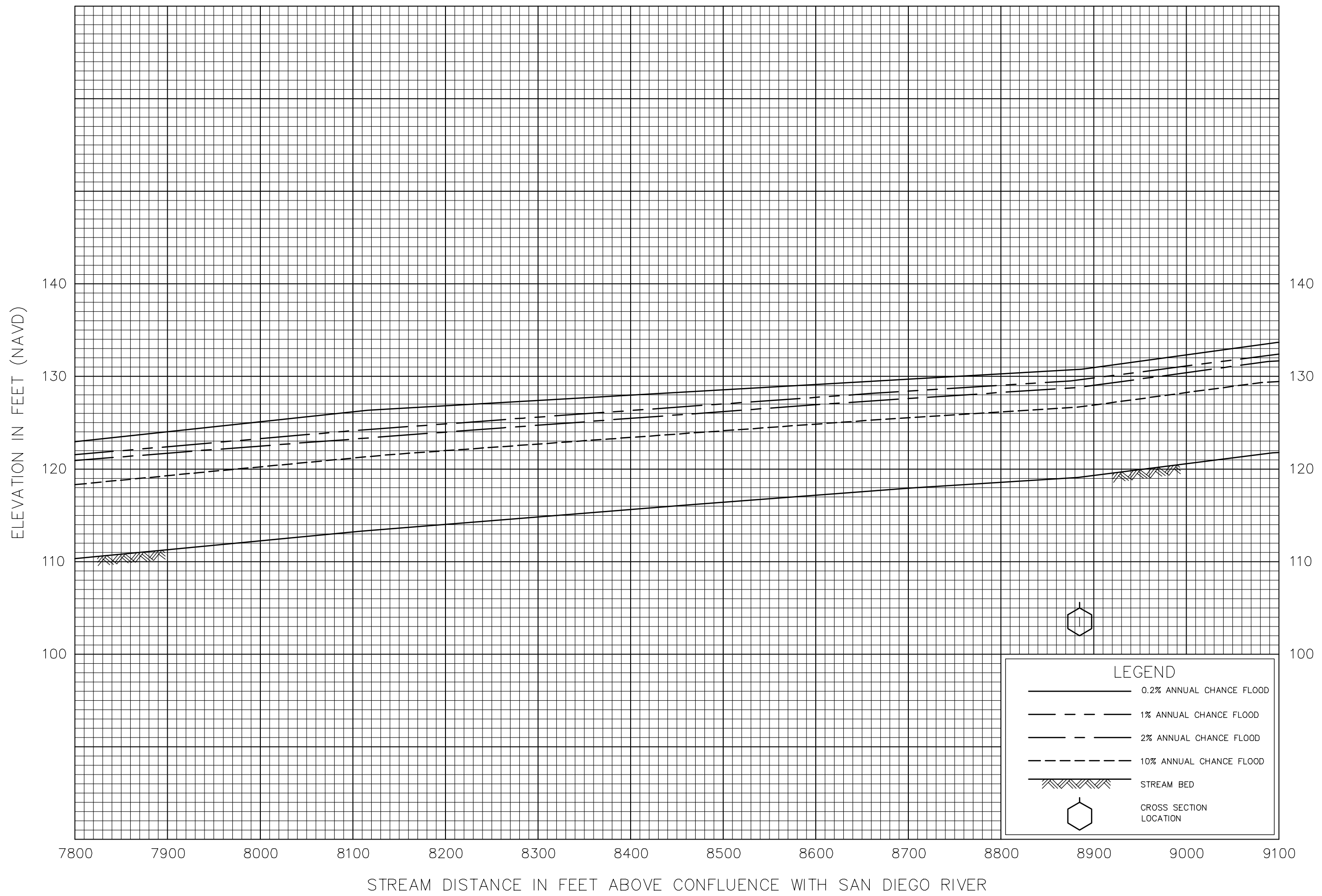
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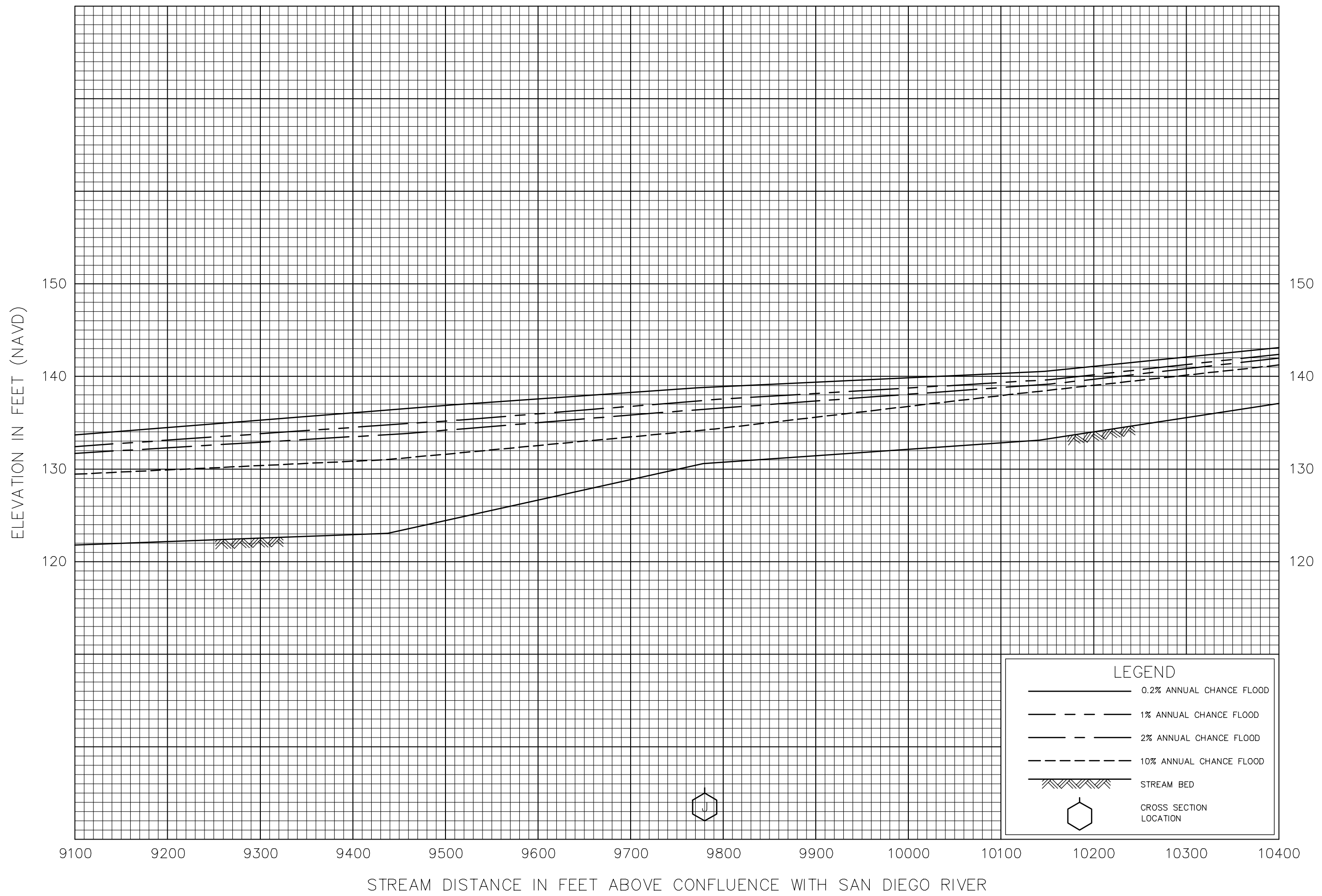
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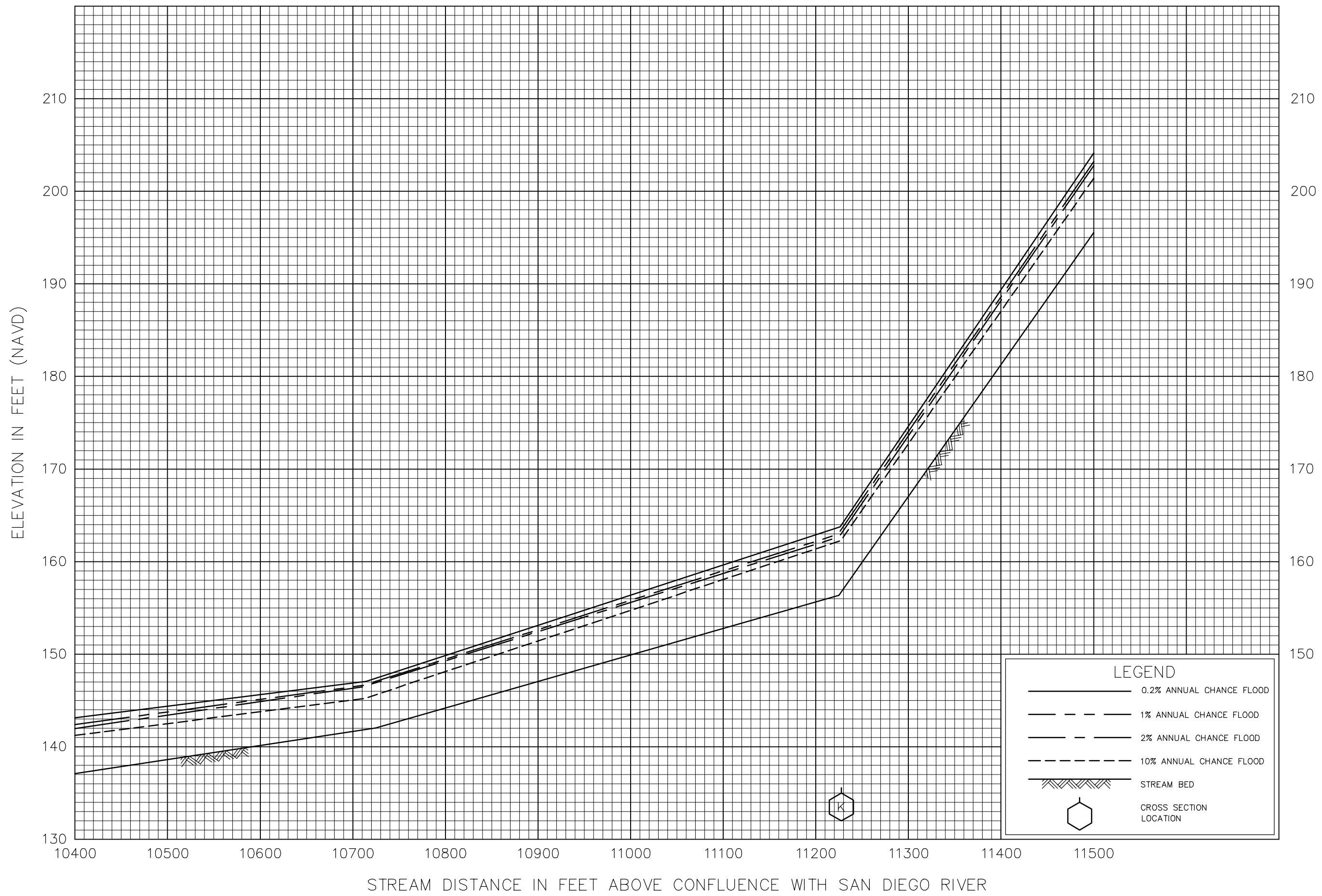
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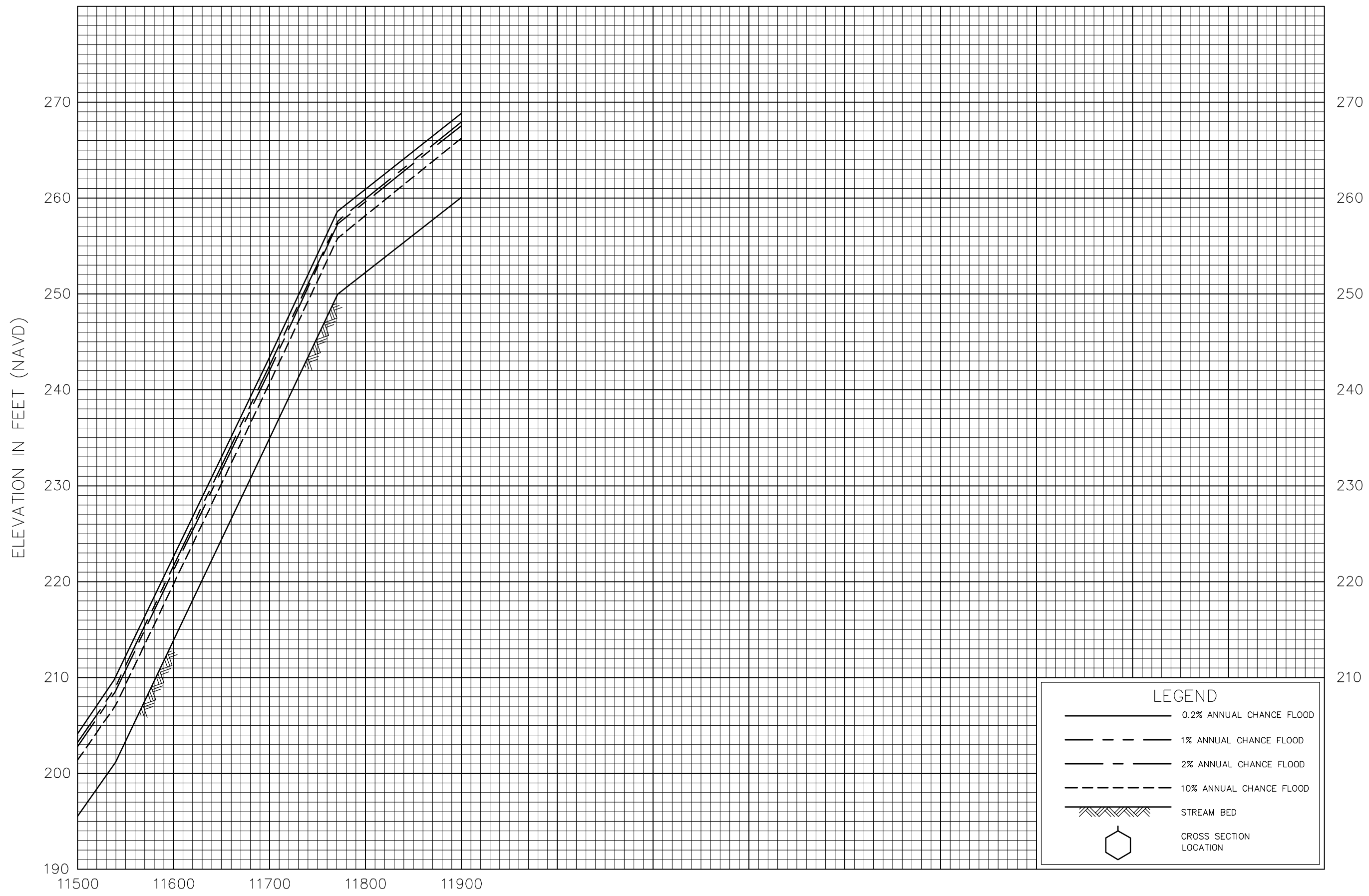
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ALVARADO CREEK

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ELEVATION IN FEET (NAVD)

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SAN DIEGO RIVER

**LEGEND**

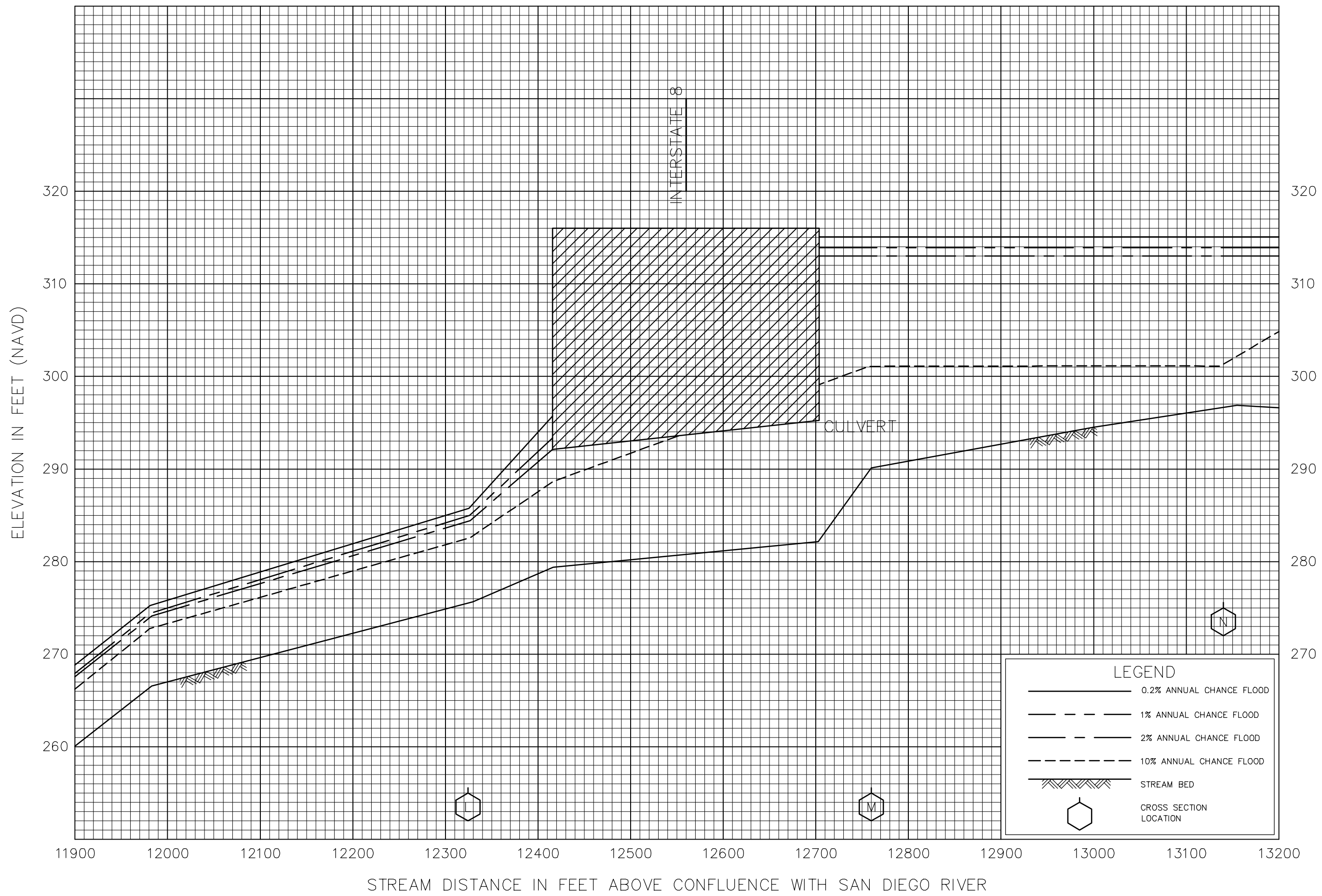
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- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

FLOOD PROFILES

ALVARADO CREEK

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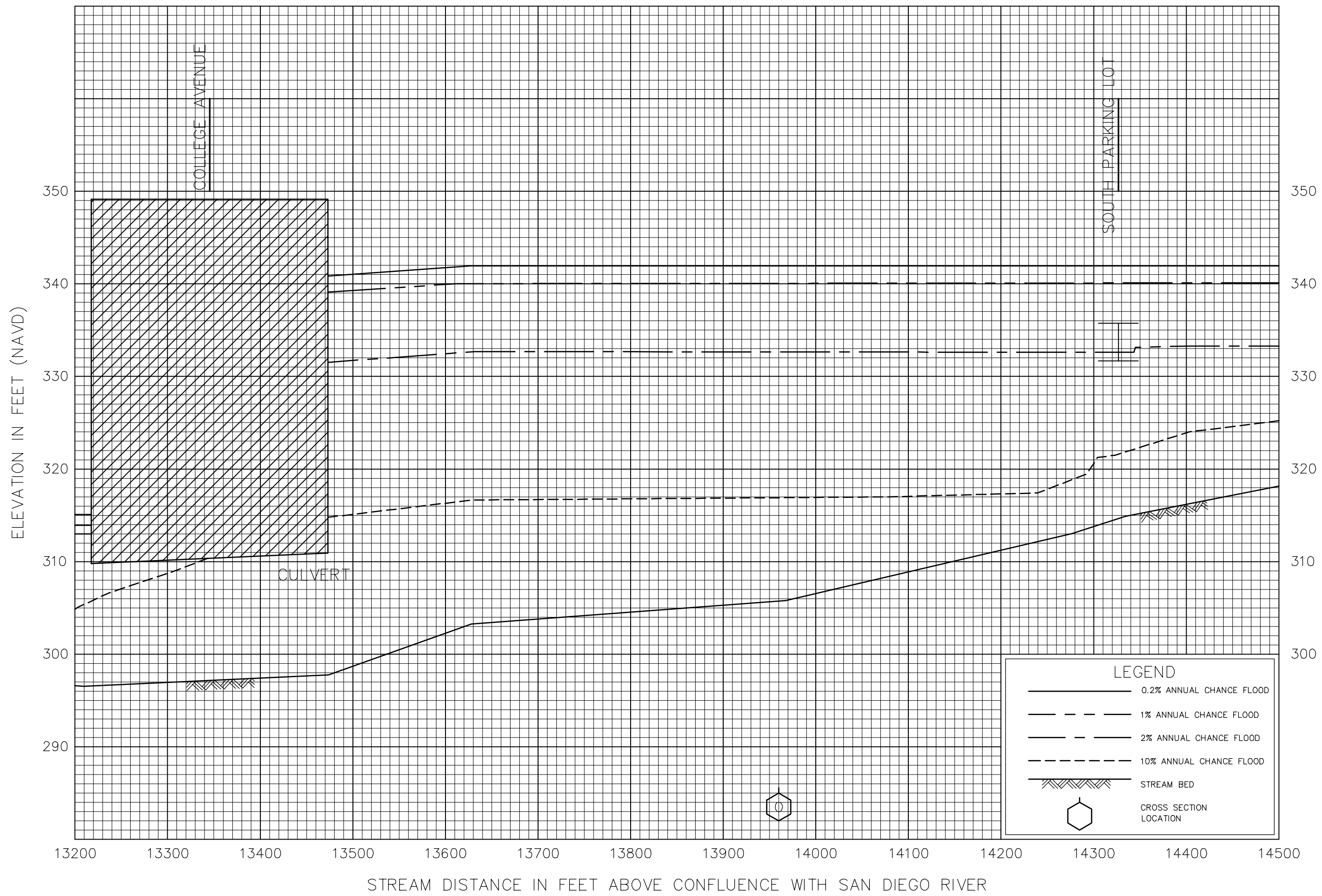
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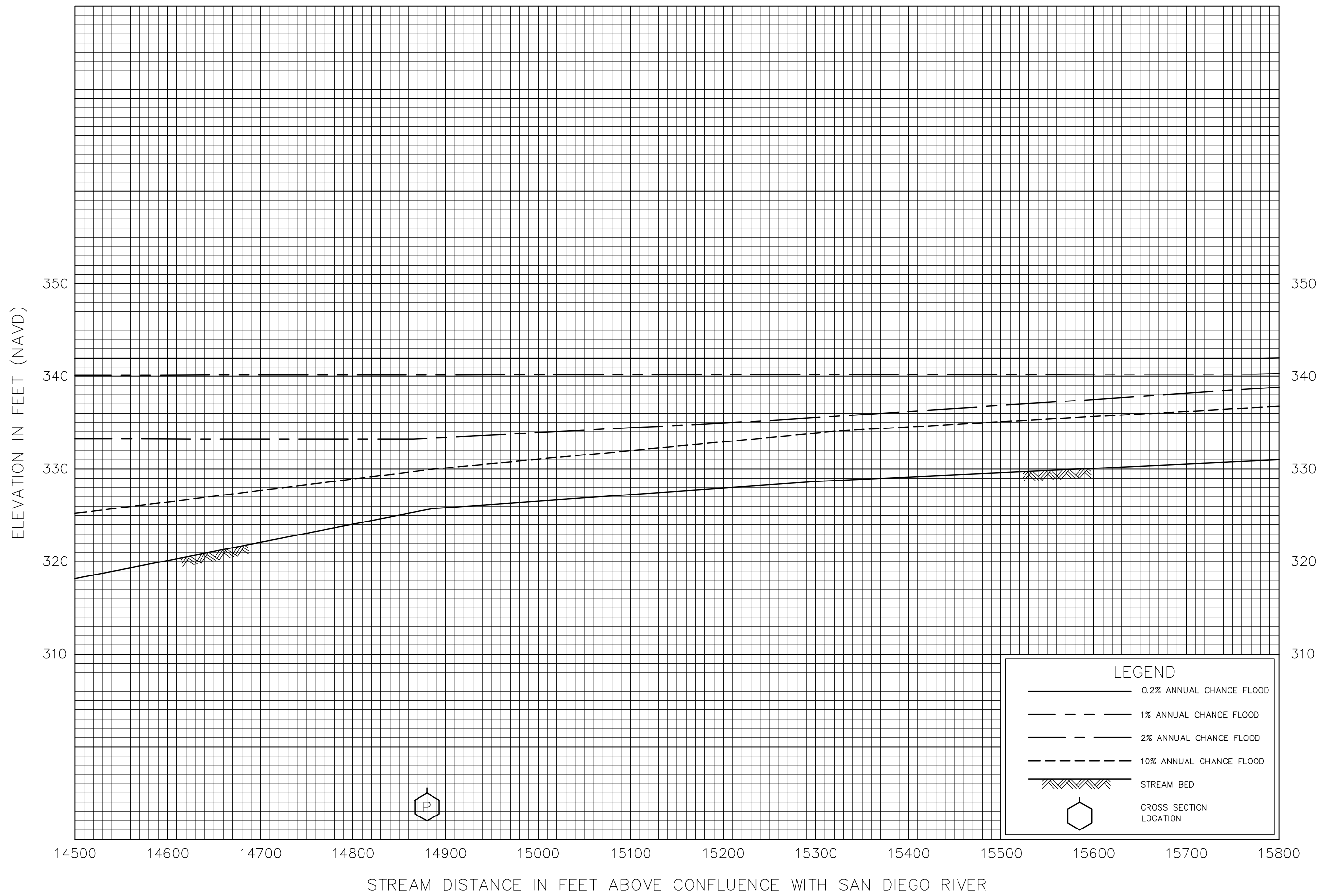
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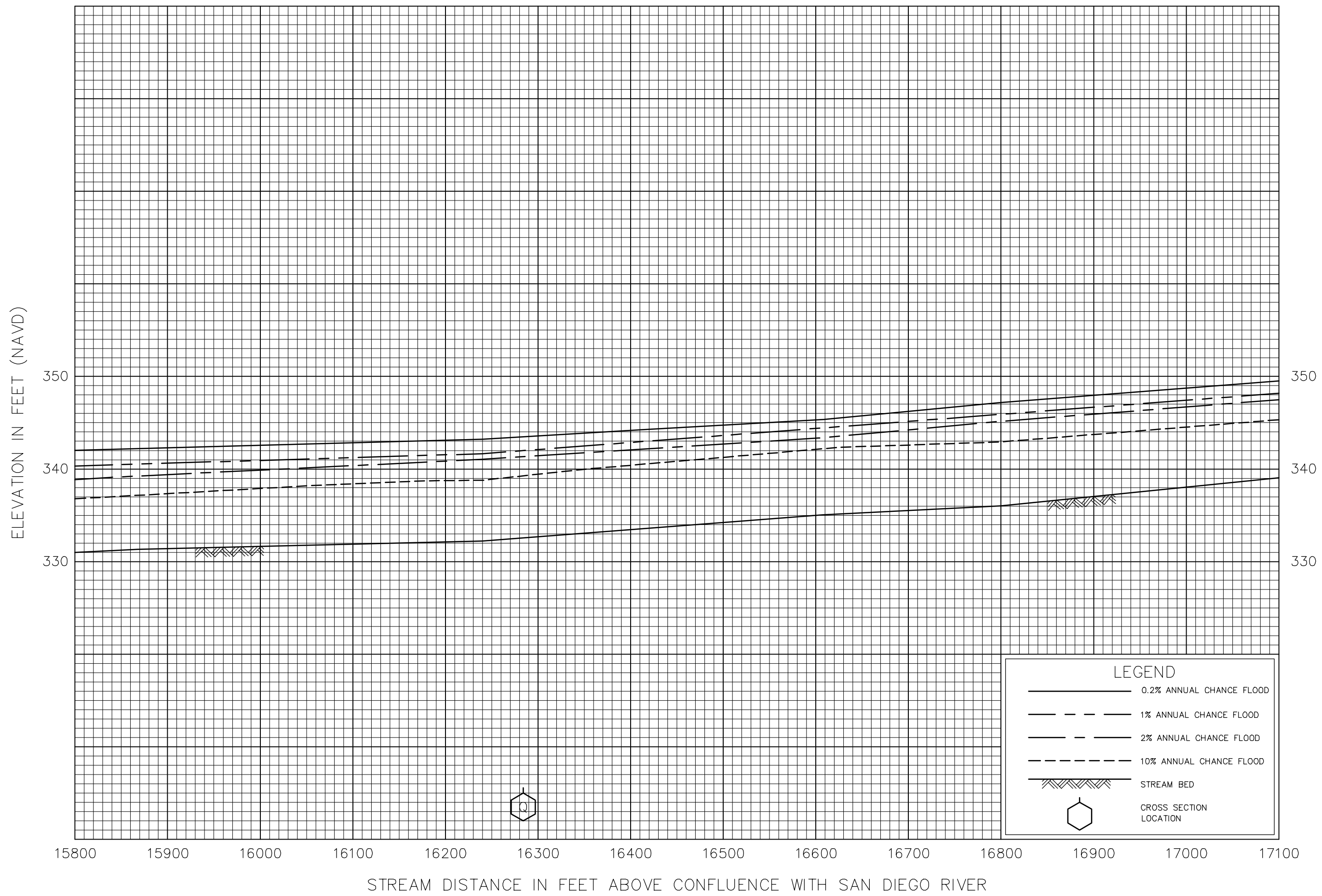
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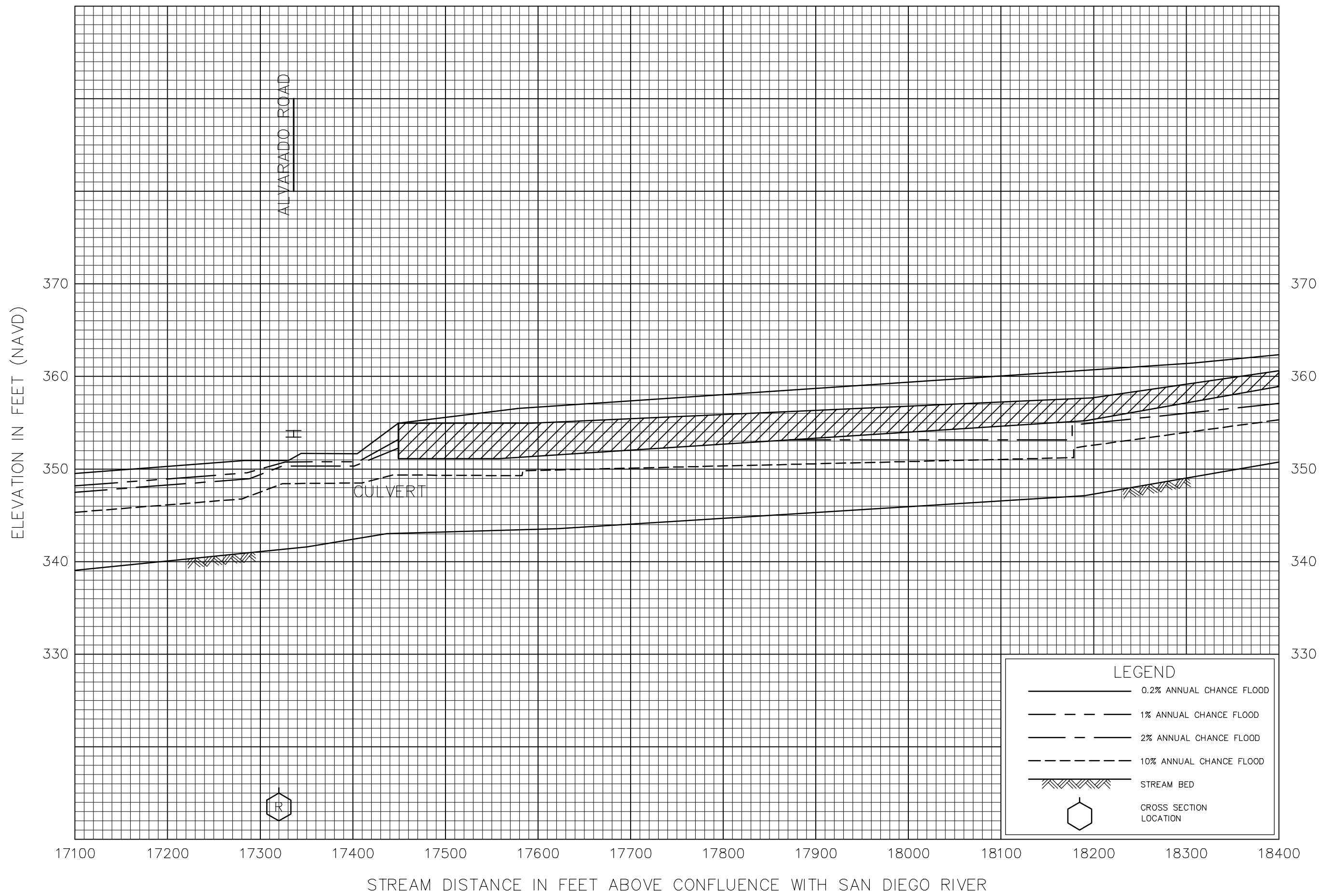
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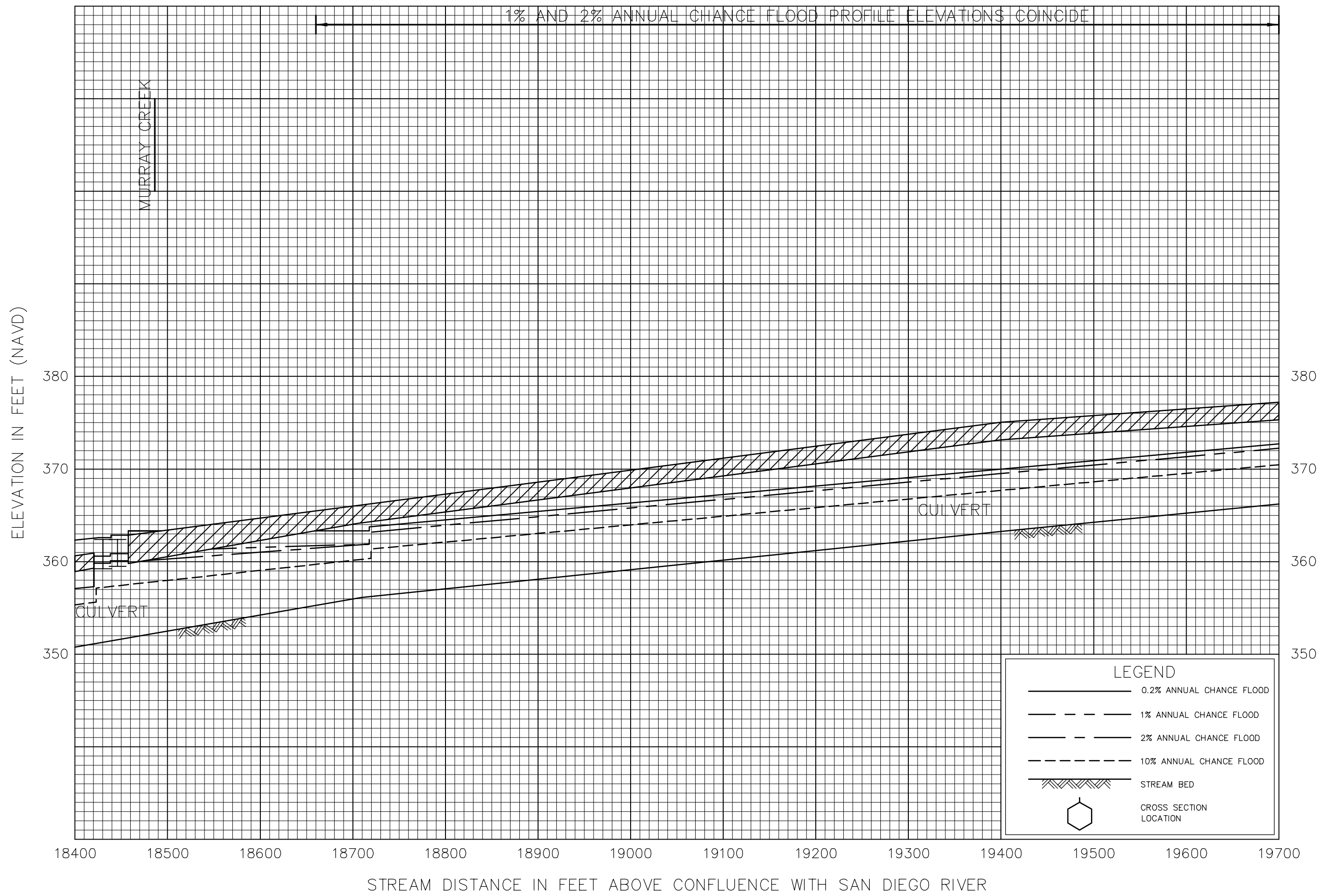
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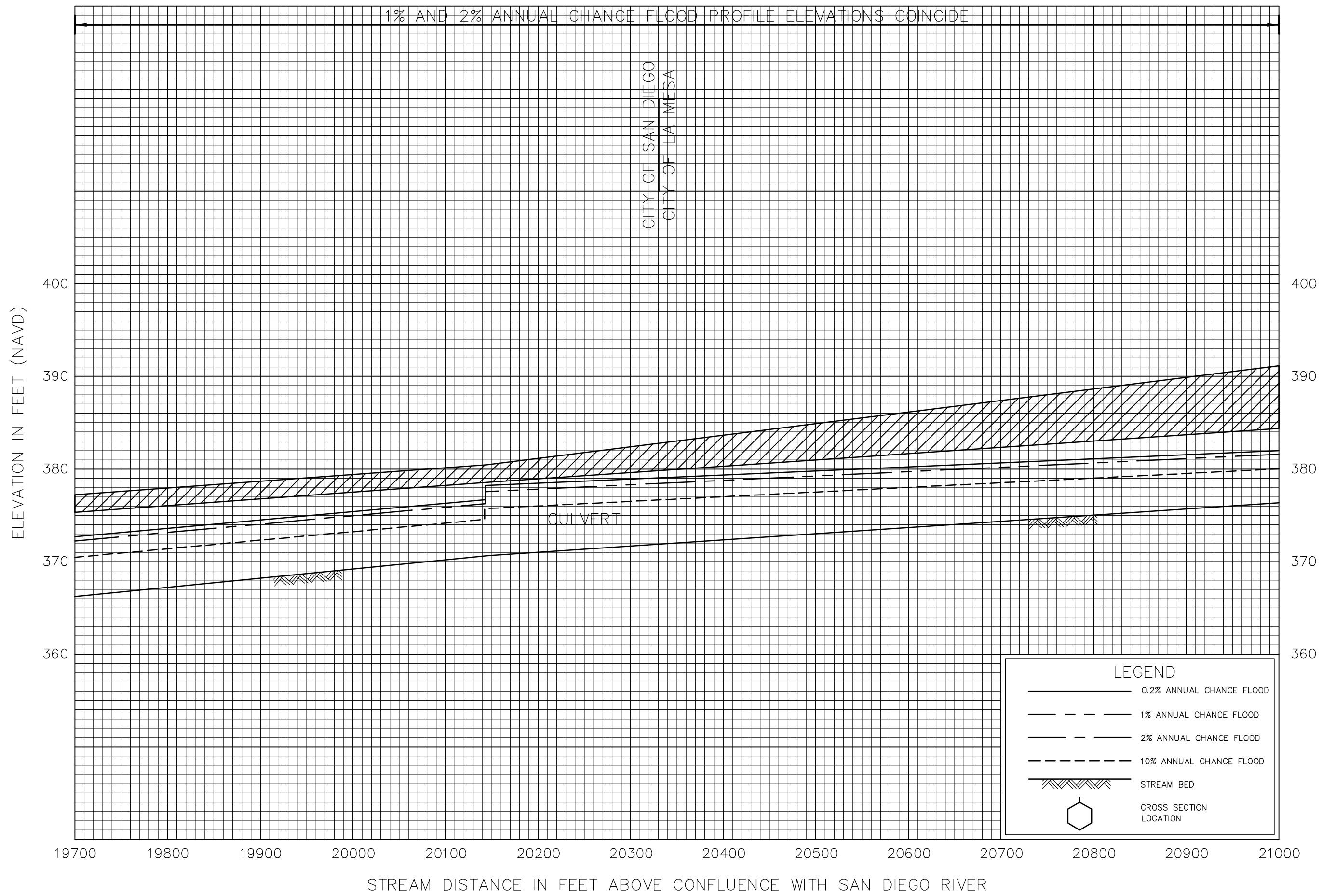
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FLOOD PROFILES

ALVARADO CREEK

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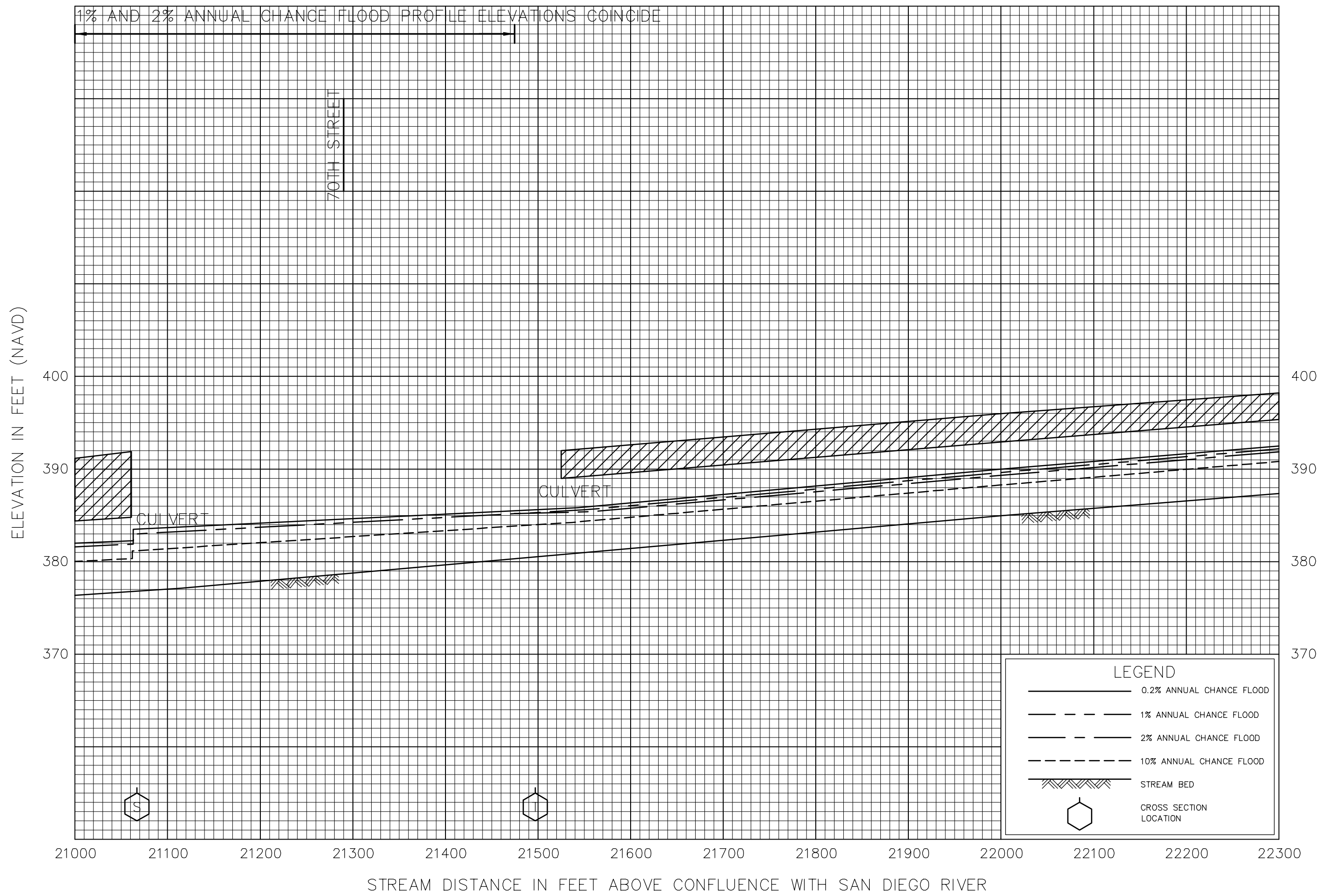


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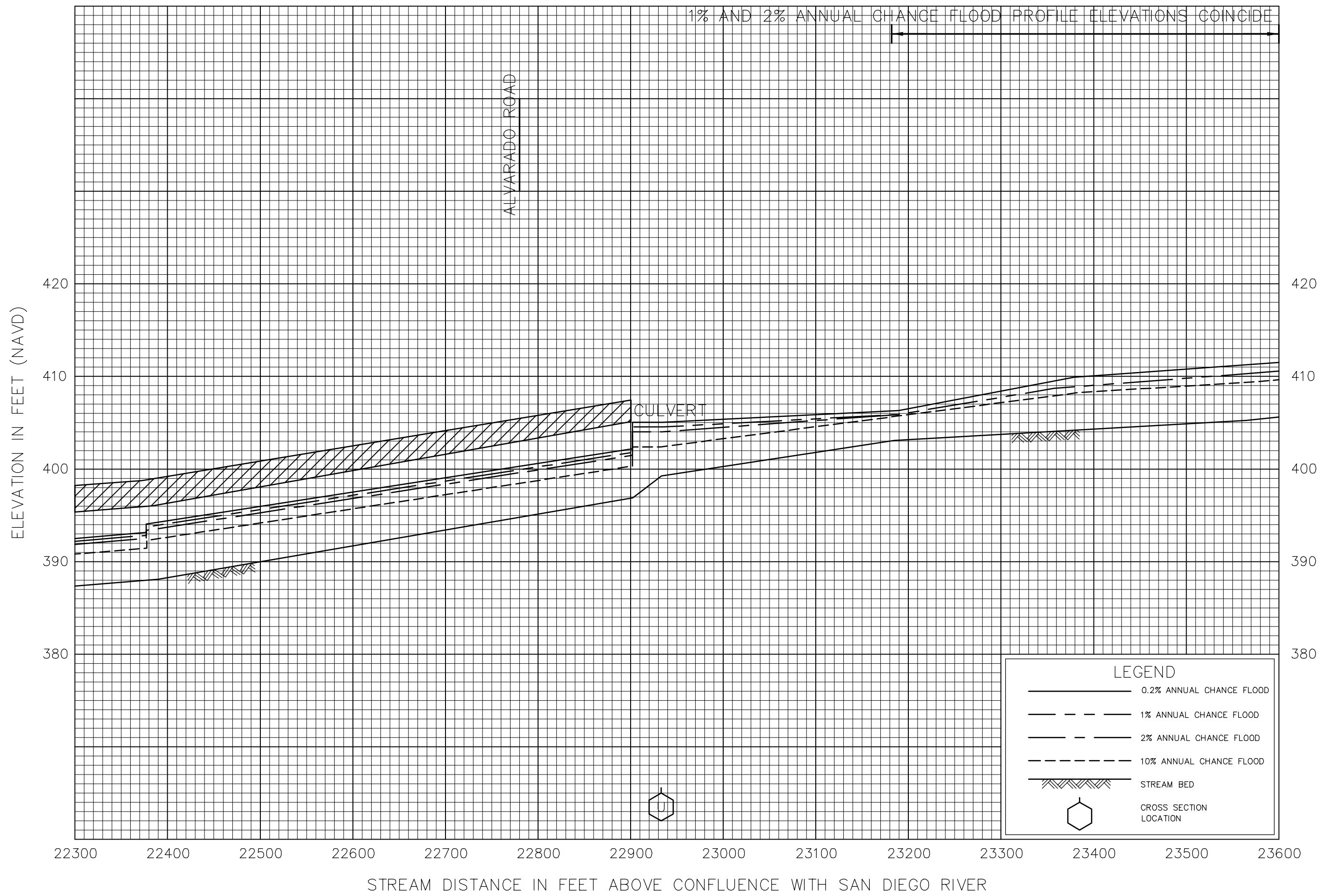
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SAN DIEGO COUNTY, CA  
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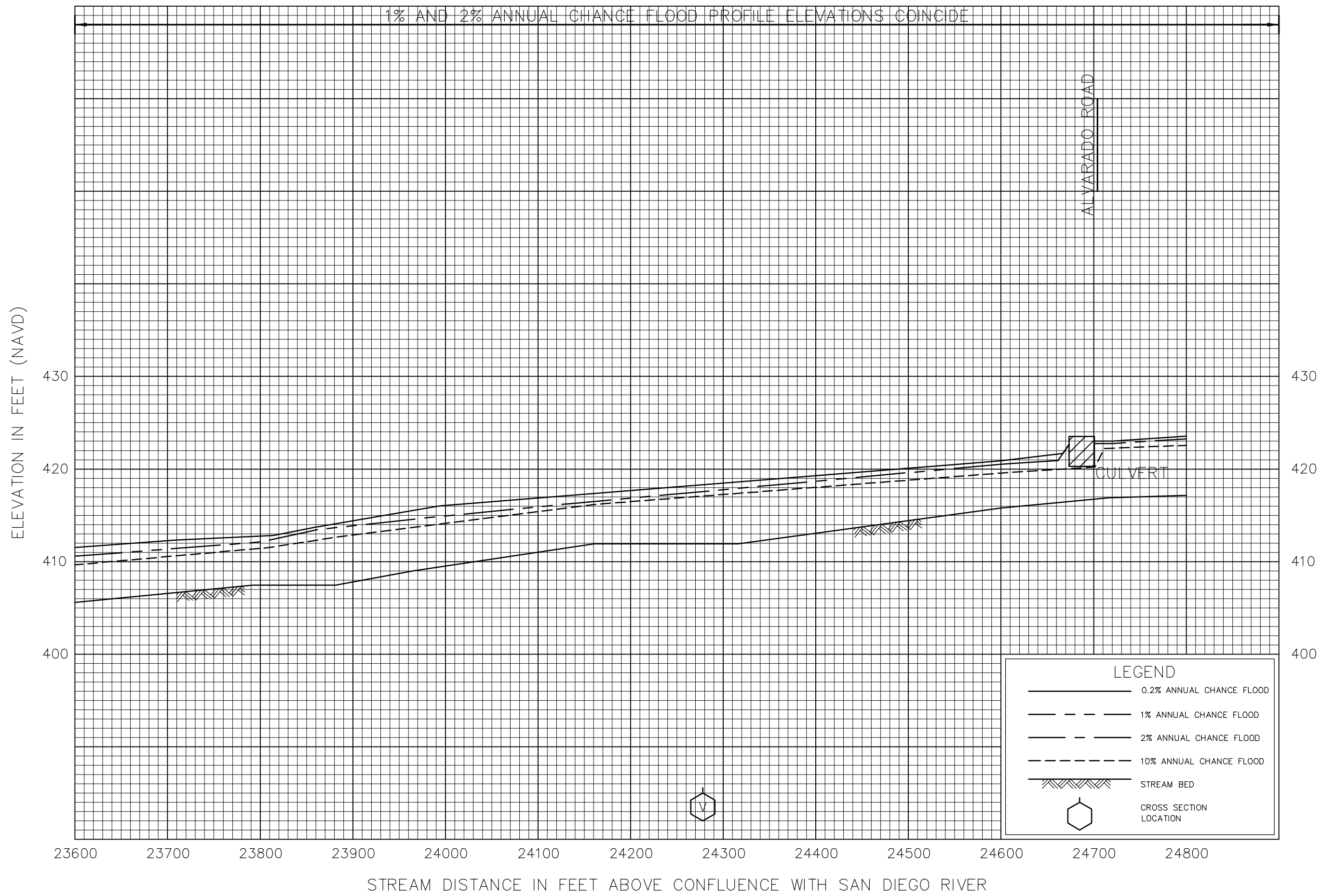
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ALVARADO CREEK

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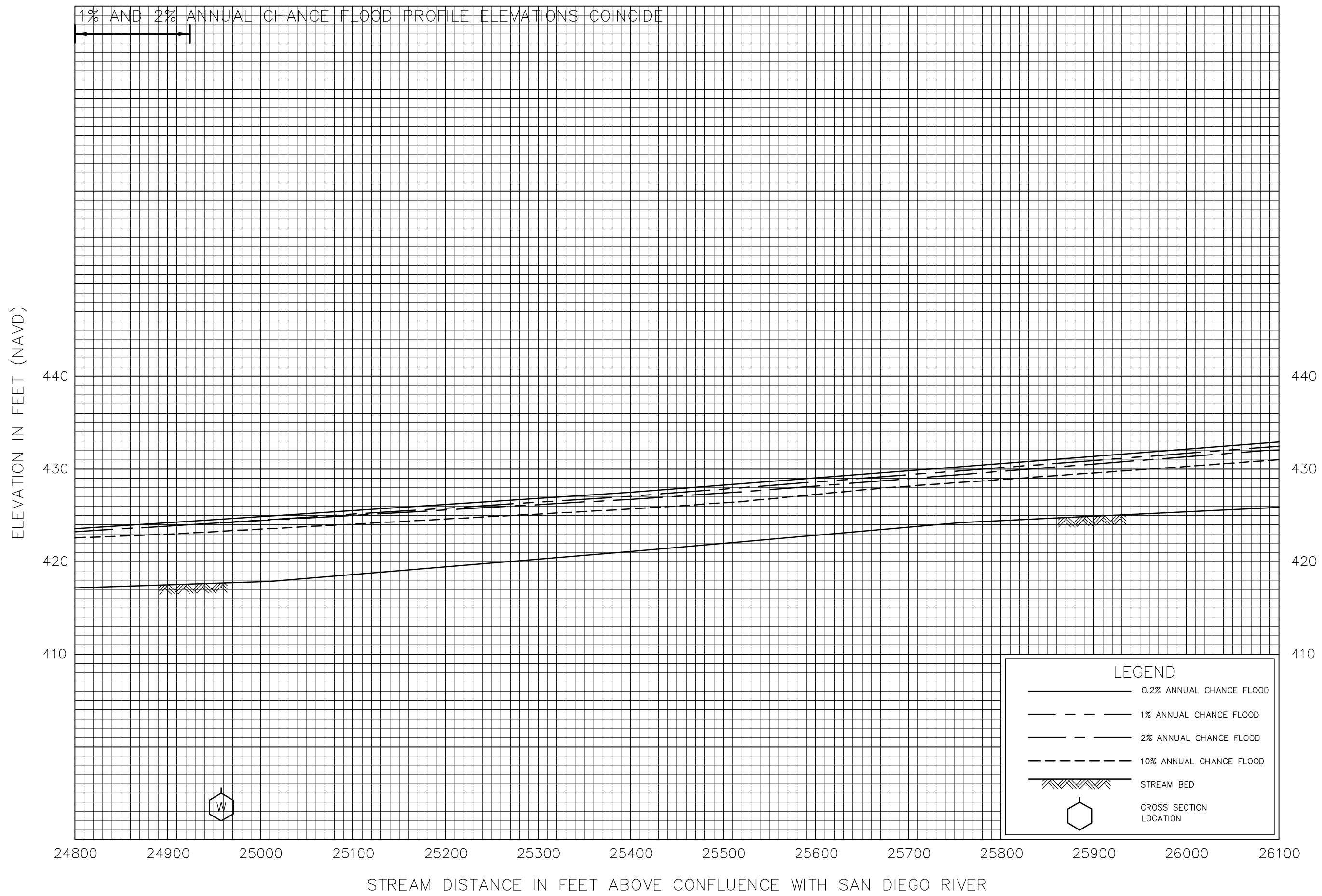
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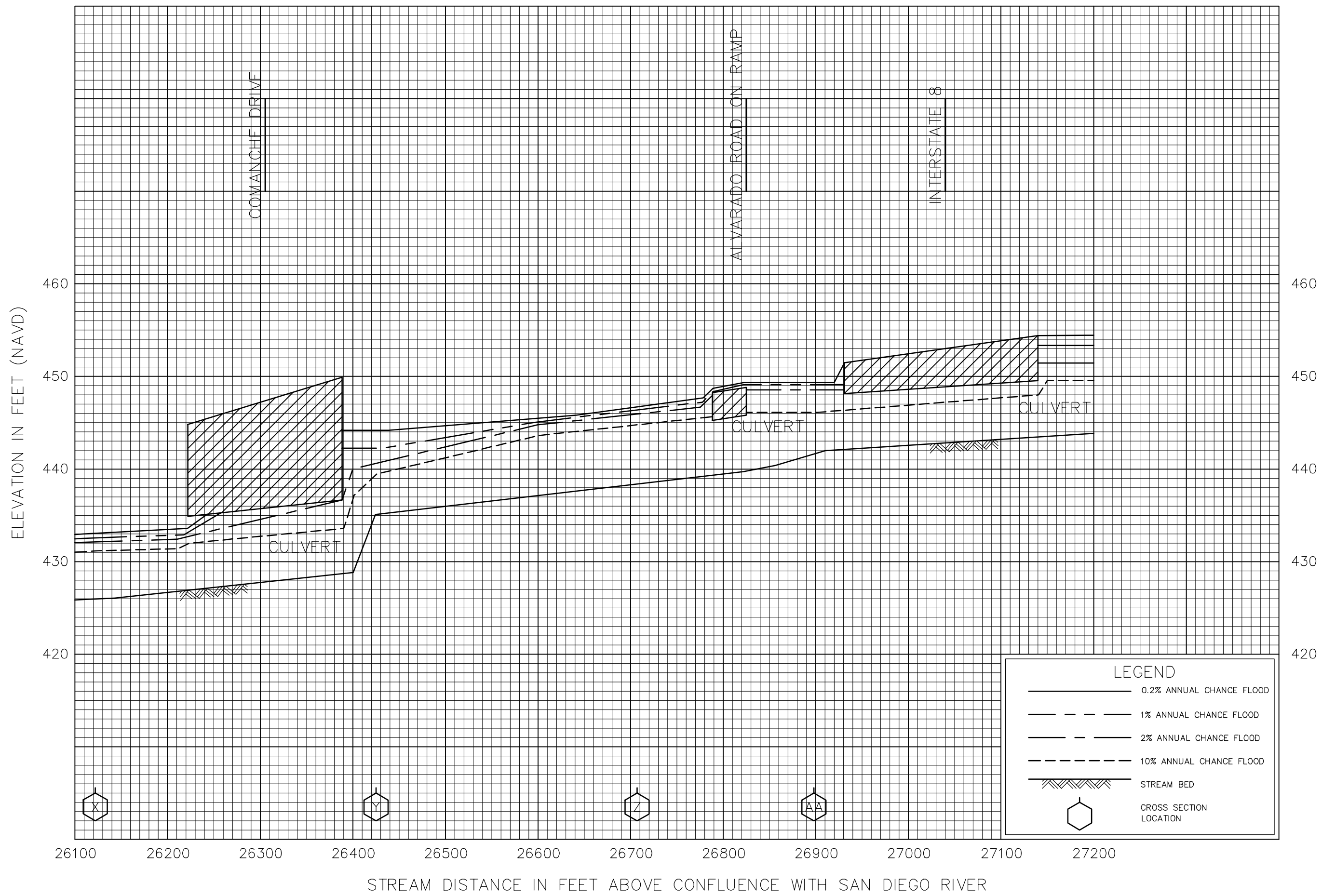
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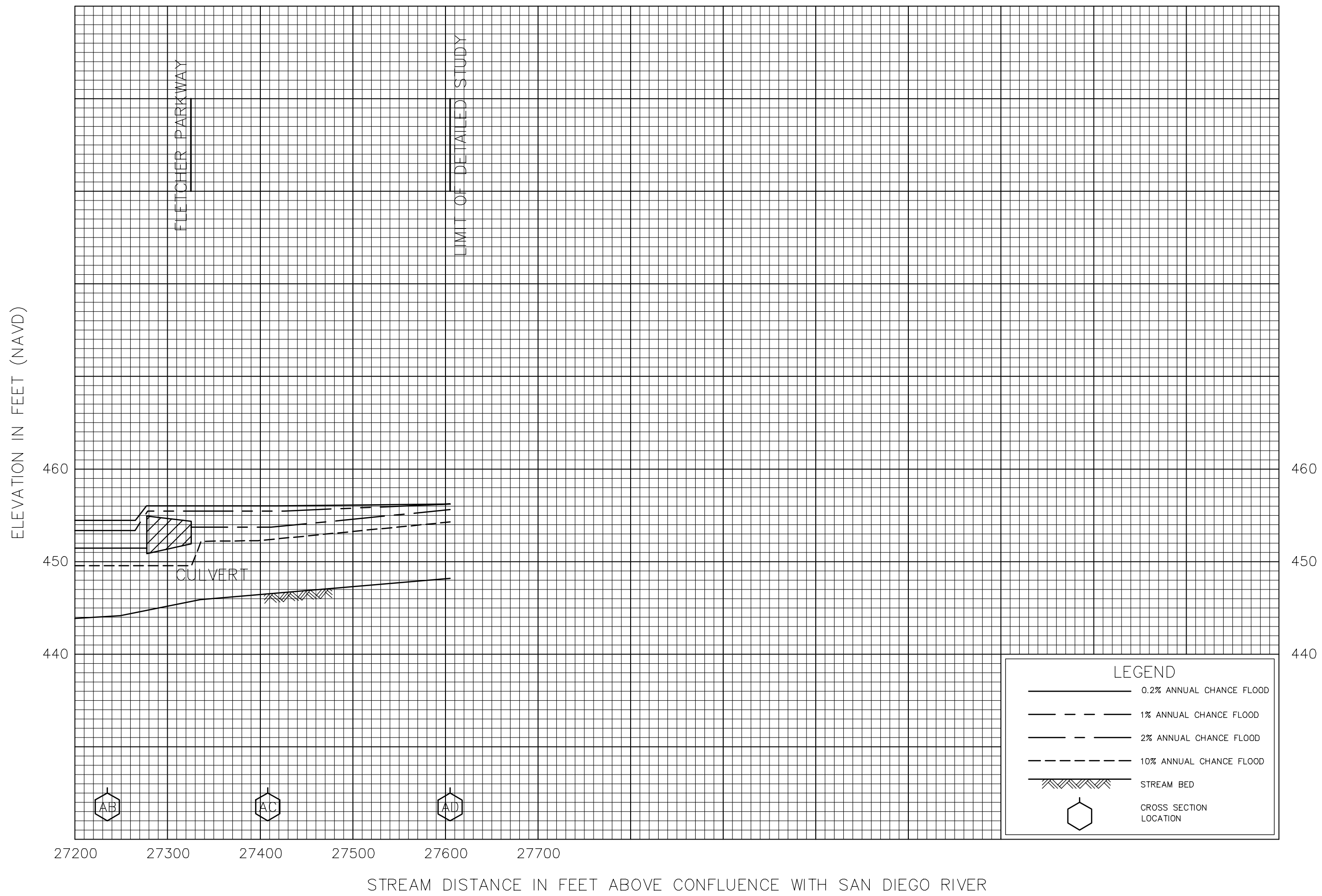
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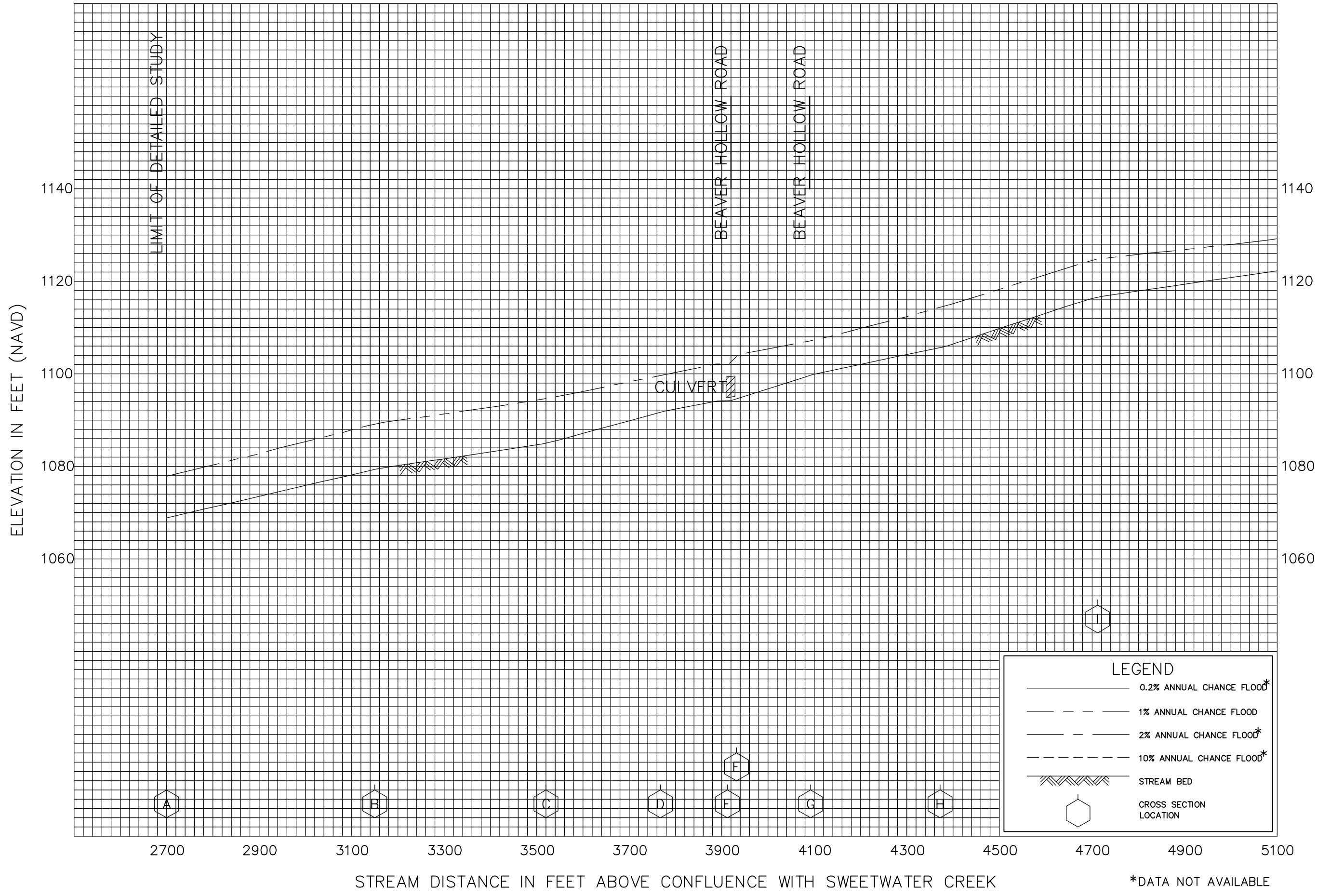
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	STREAM BED
	CROSS SECTION LOCATION

FLOOD PROFILES  
ALVARADO CREEK

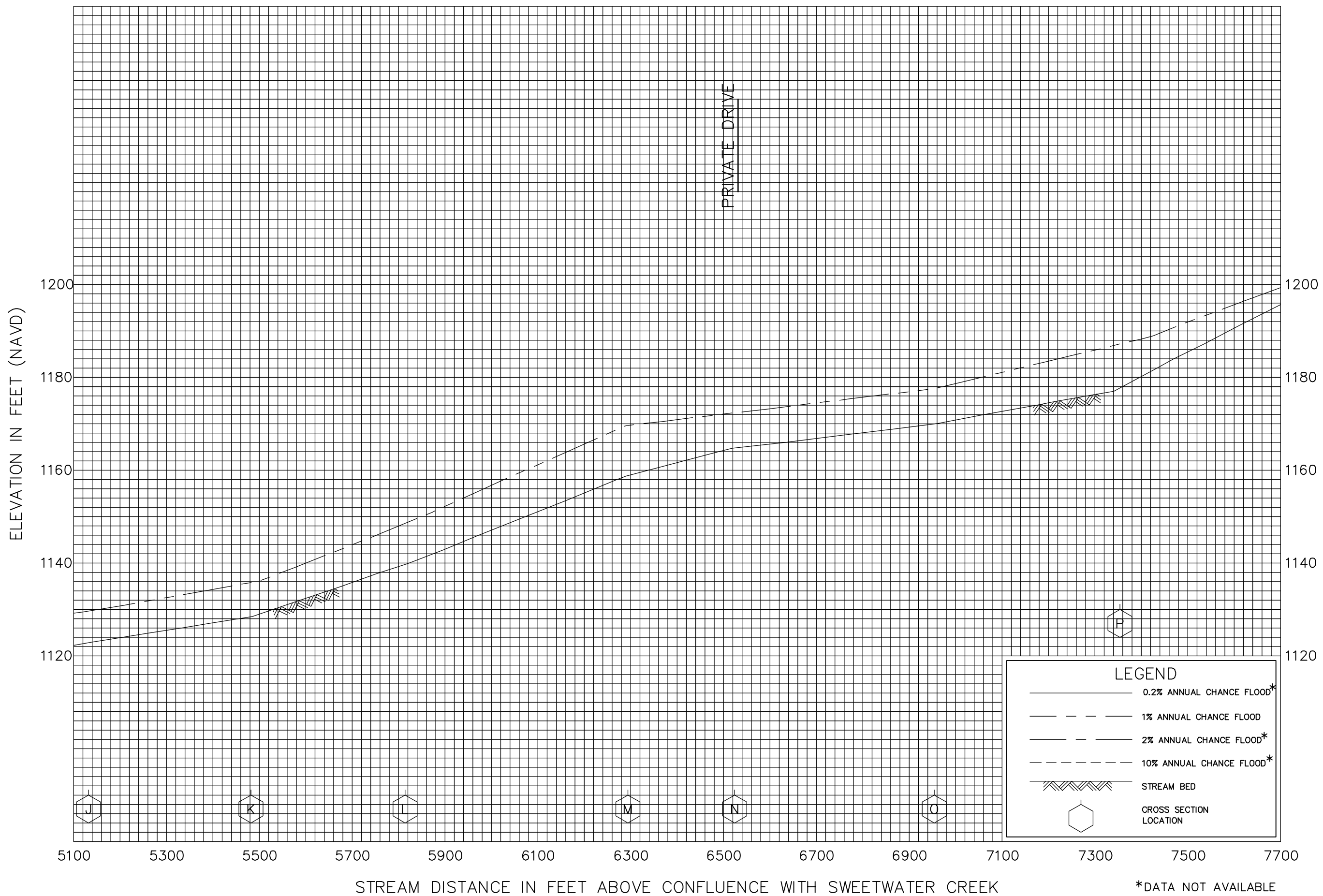
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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

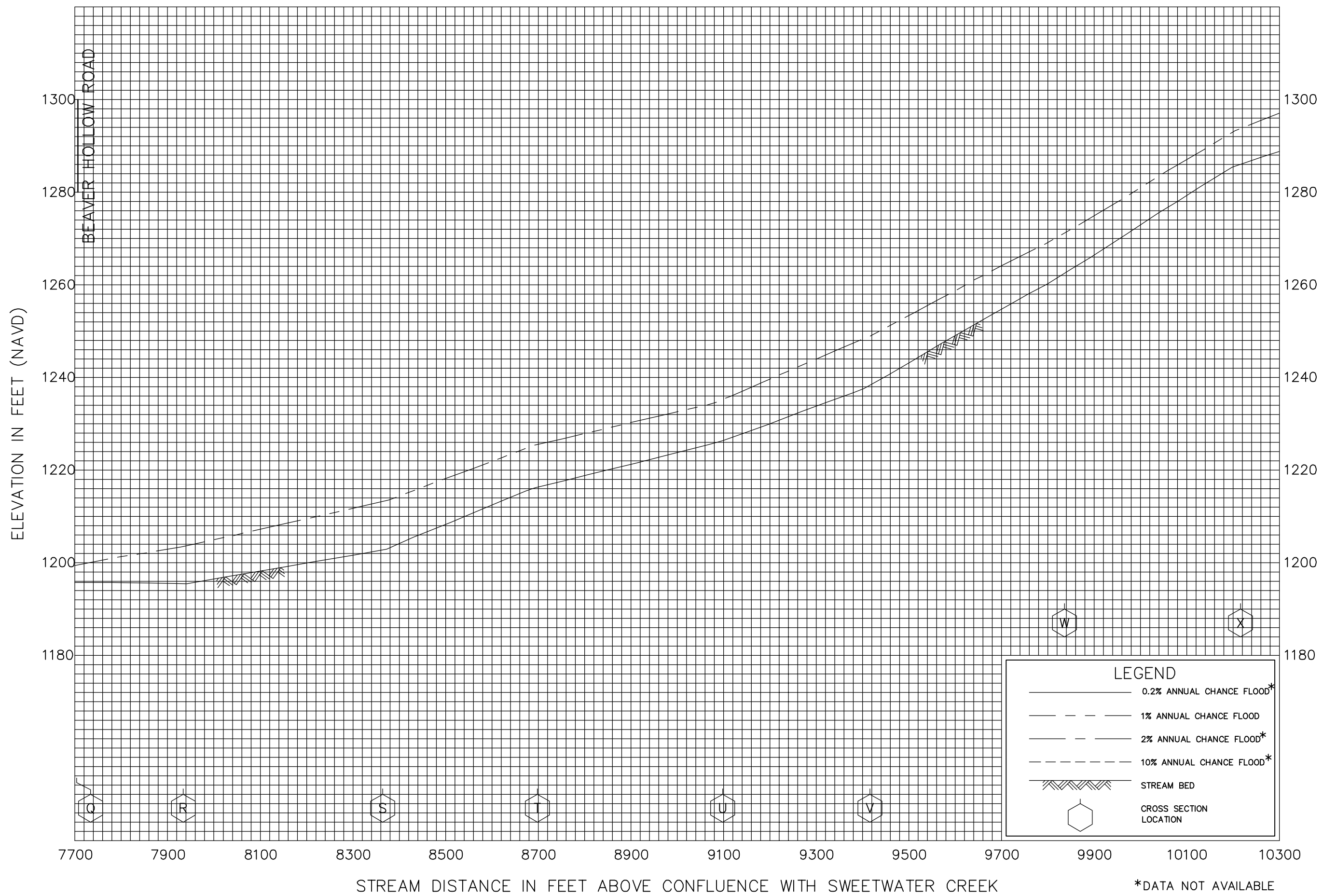
BEAVER HOLLOW CREEK

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



FLOOD PROFILES  
BEAVER HOLLOW CREEK

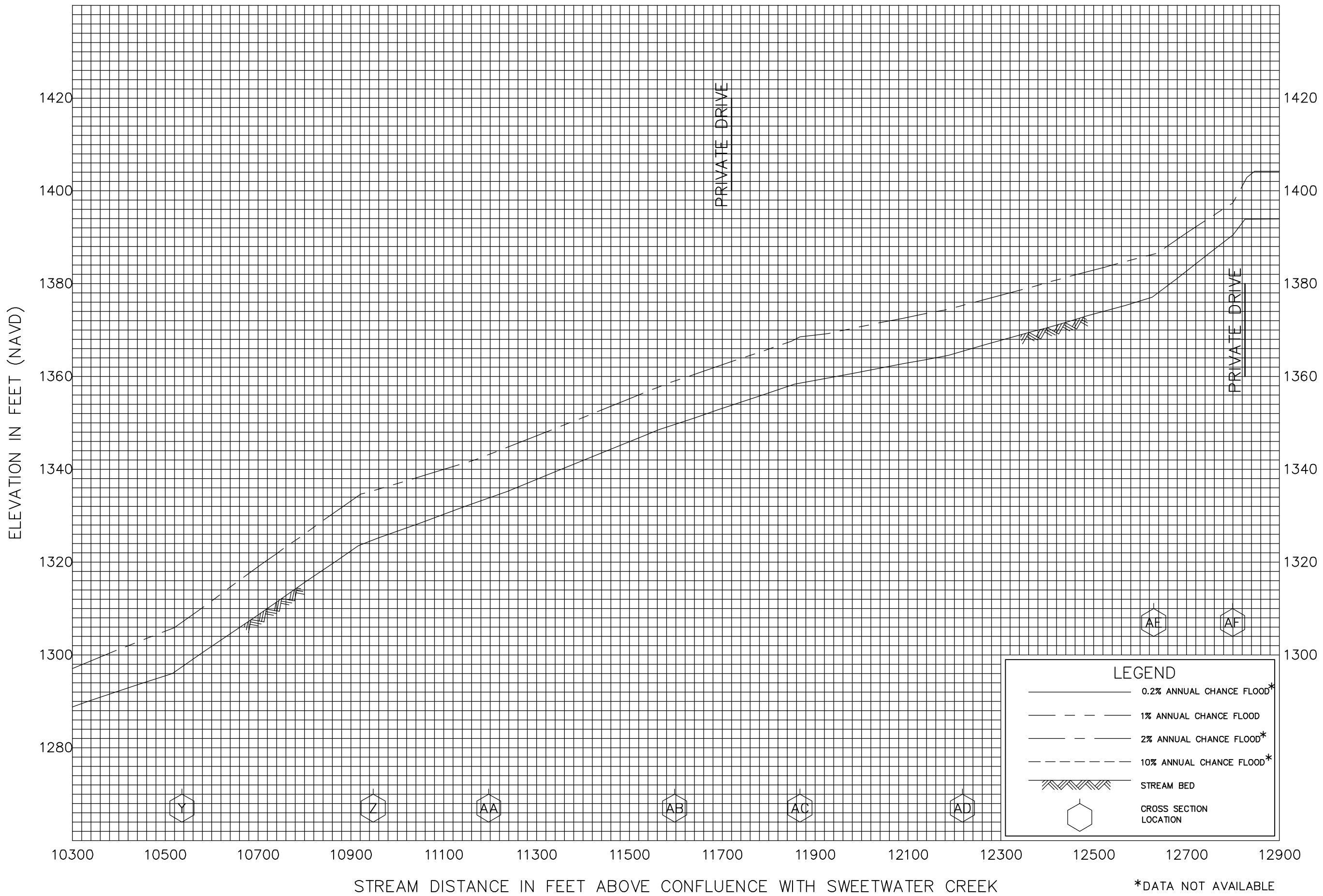
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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
BEAVER HOLLOW CREEK

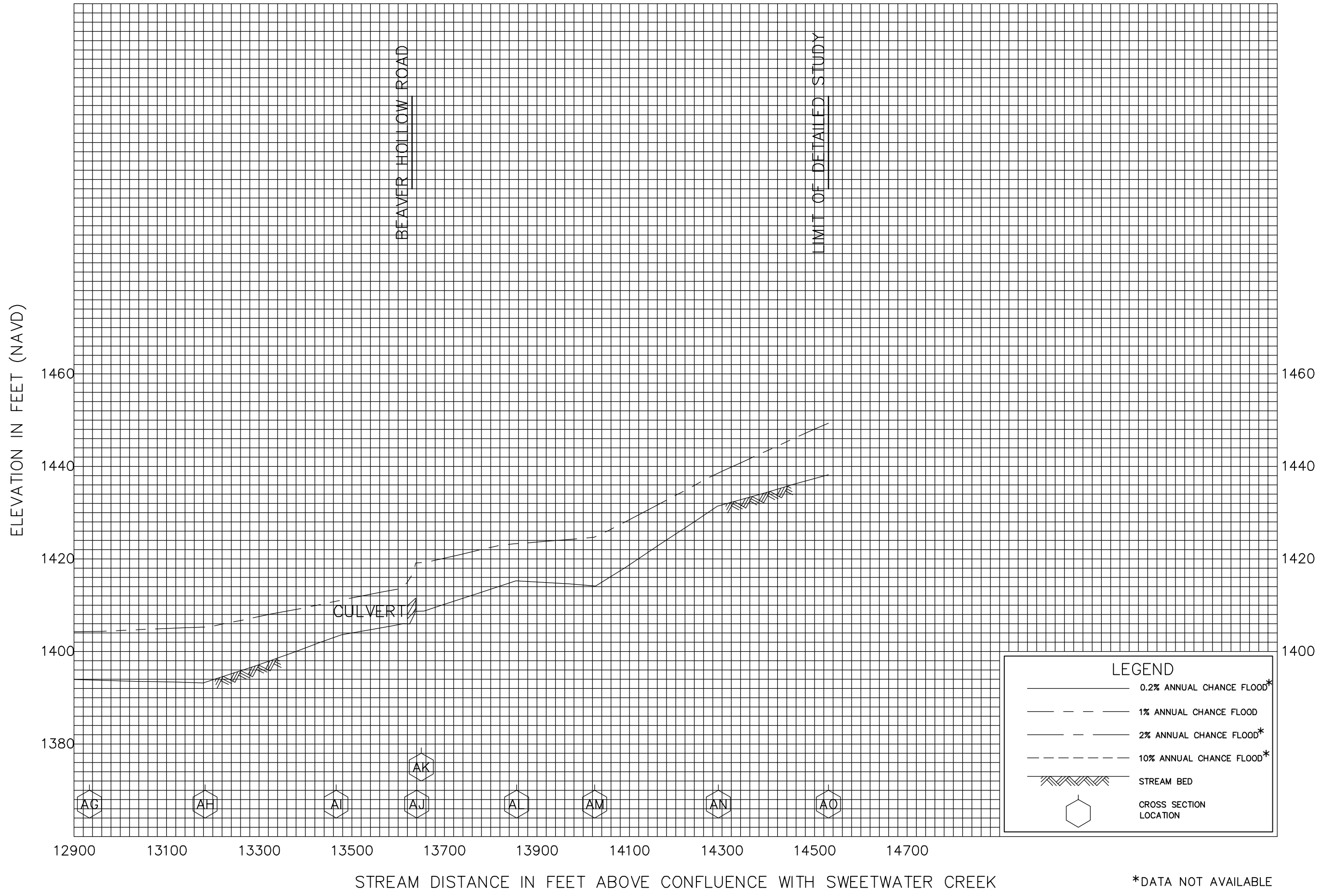
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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

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 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)

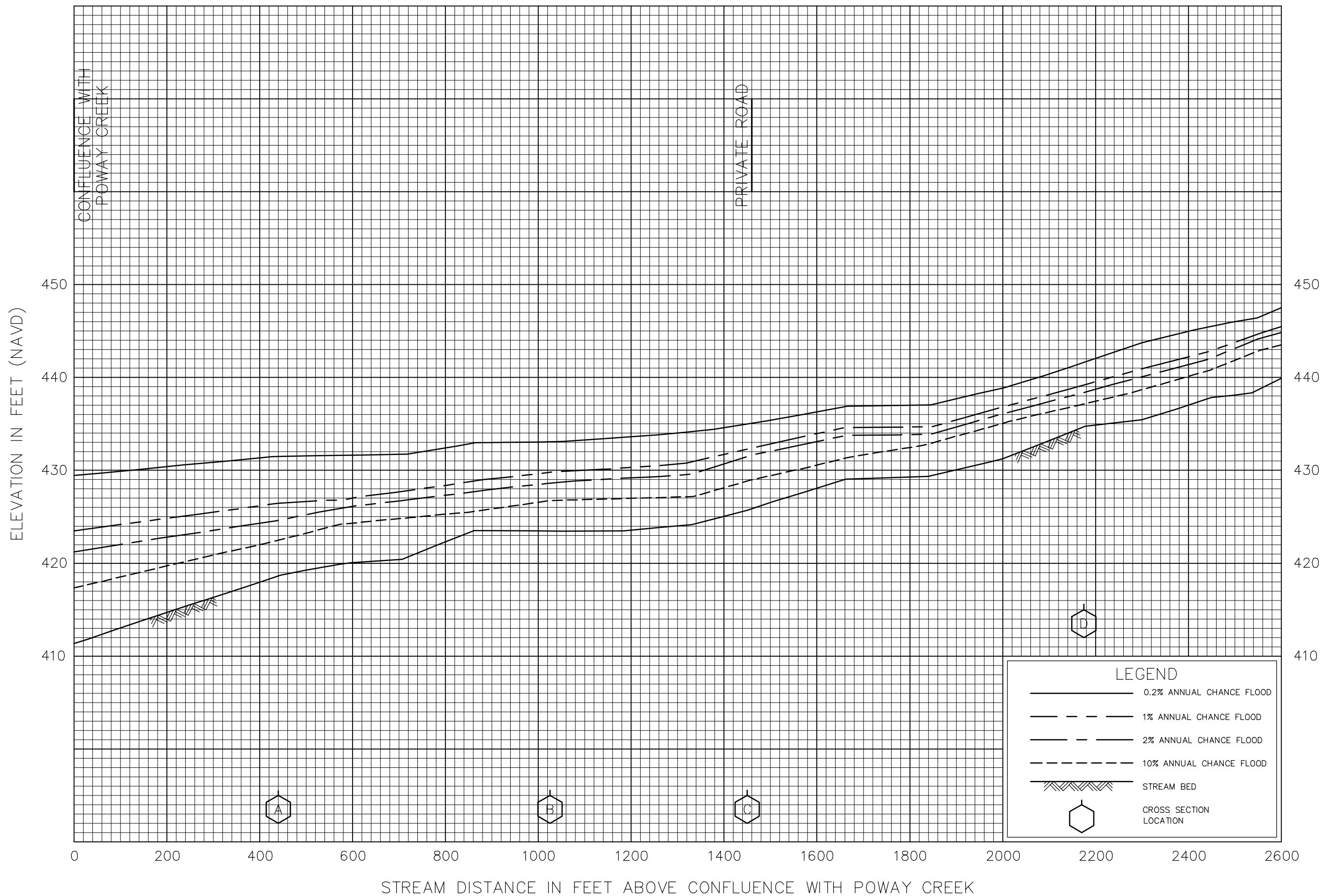
FLOOD PROFILES  
 BEAVER HOLLOW CREEK



\*DATA NOT AVAILABLE

FLOOD PROFILES  
BEAVER HOLLOW CREEK

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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



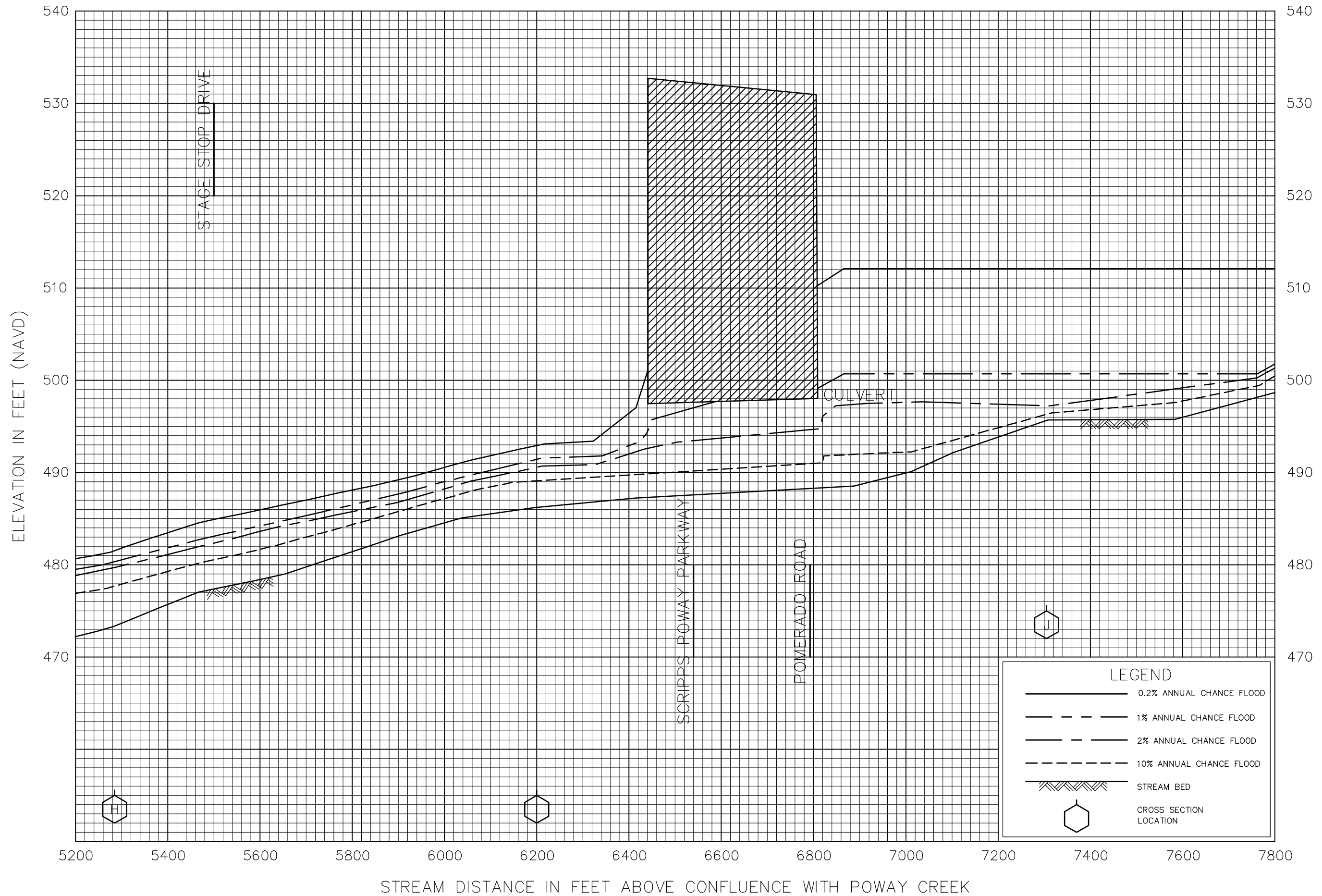
FLOOD PROFILES

BEELER CREEK

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





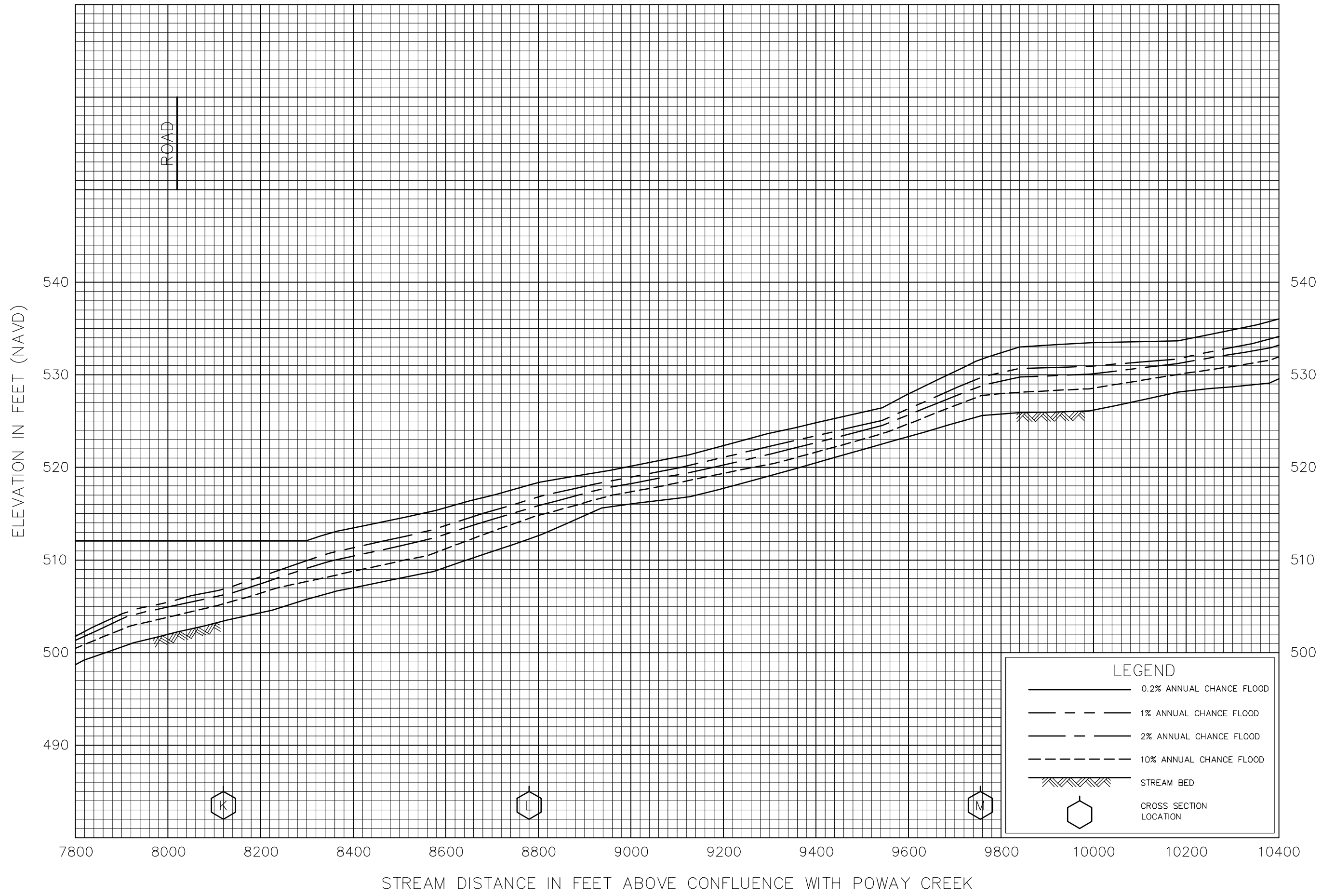


FLOOD PROFILES

BEELER CREEK

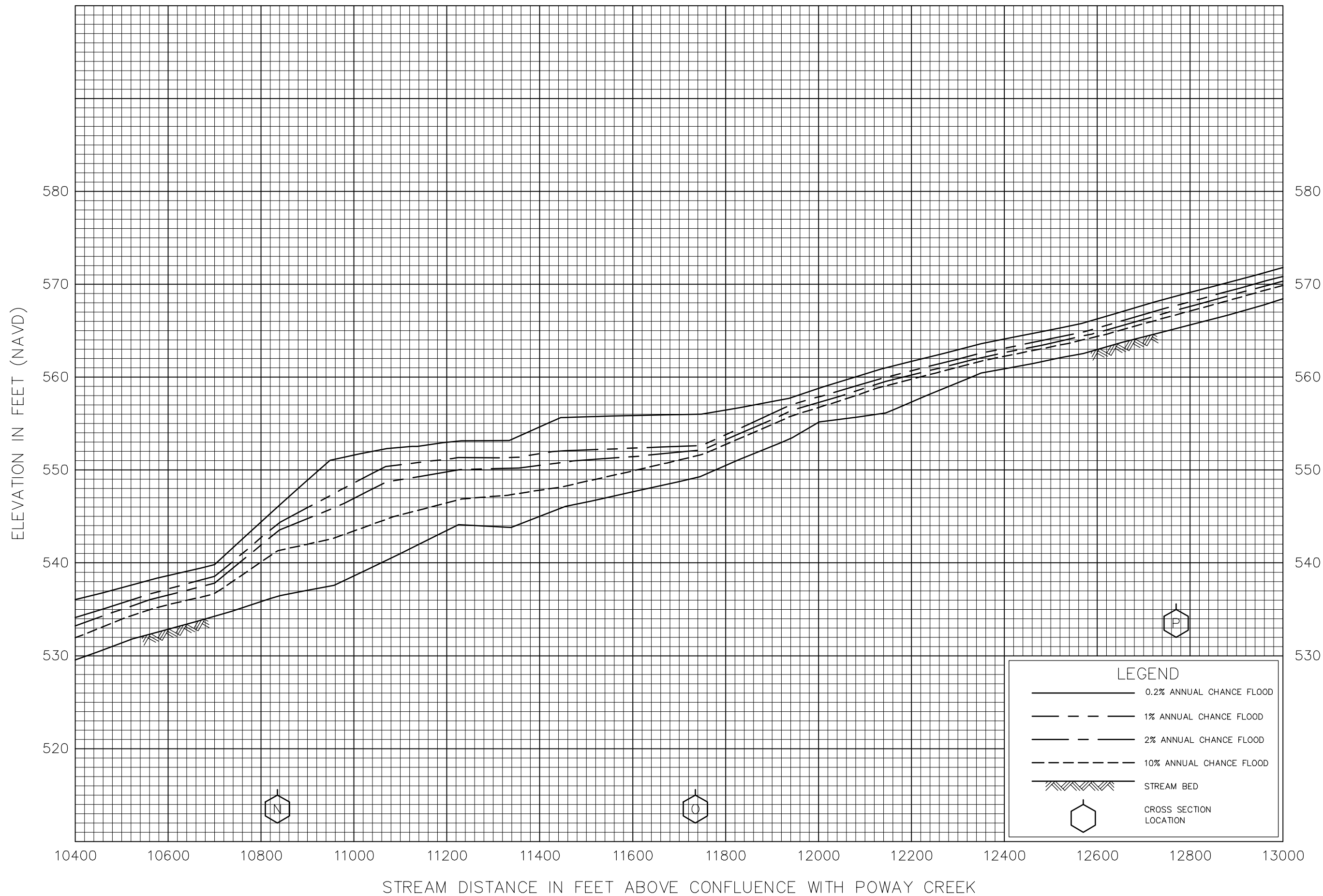
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
BEELER CREEK

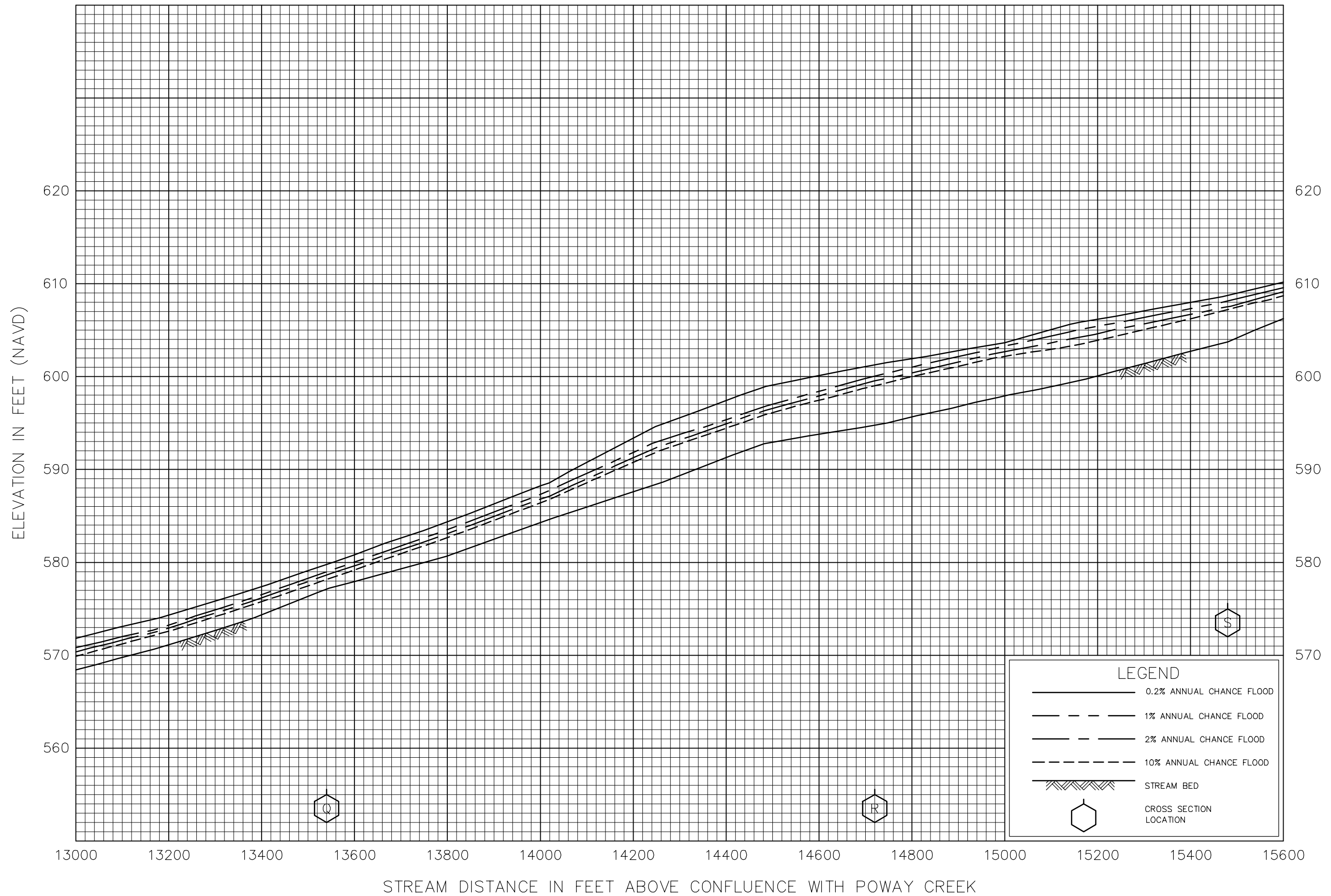
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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

BEELER CREEK

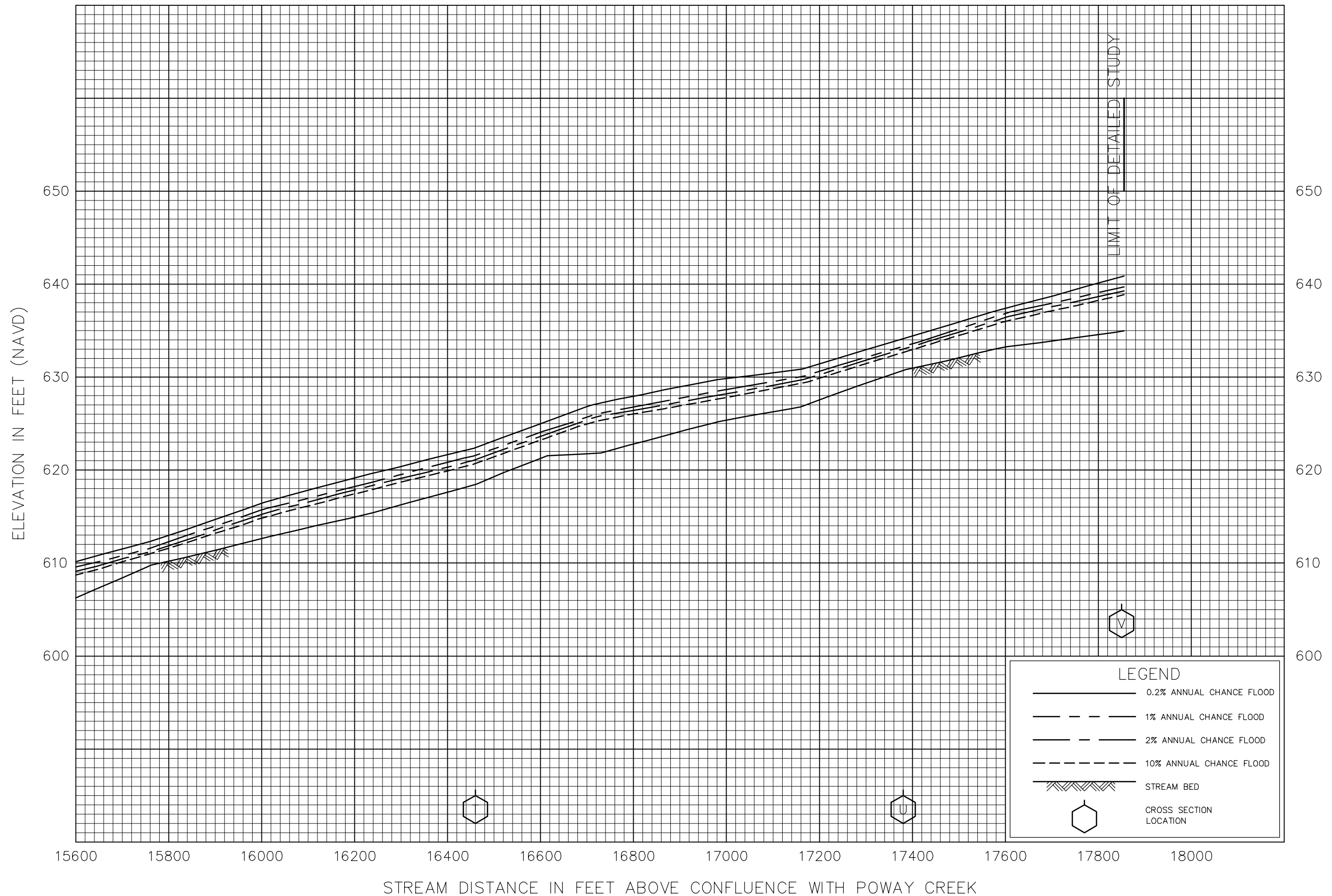
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 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



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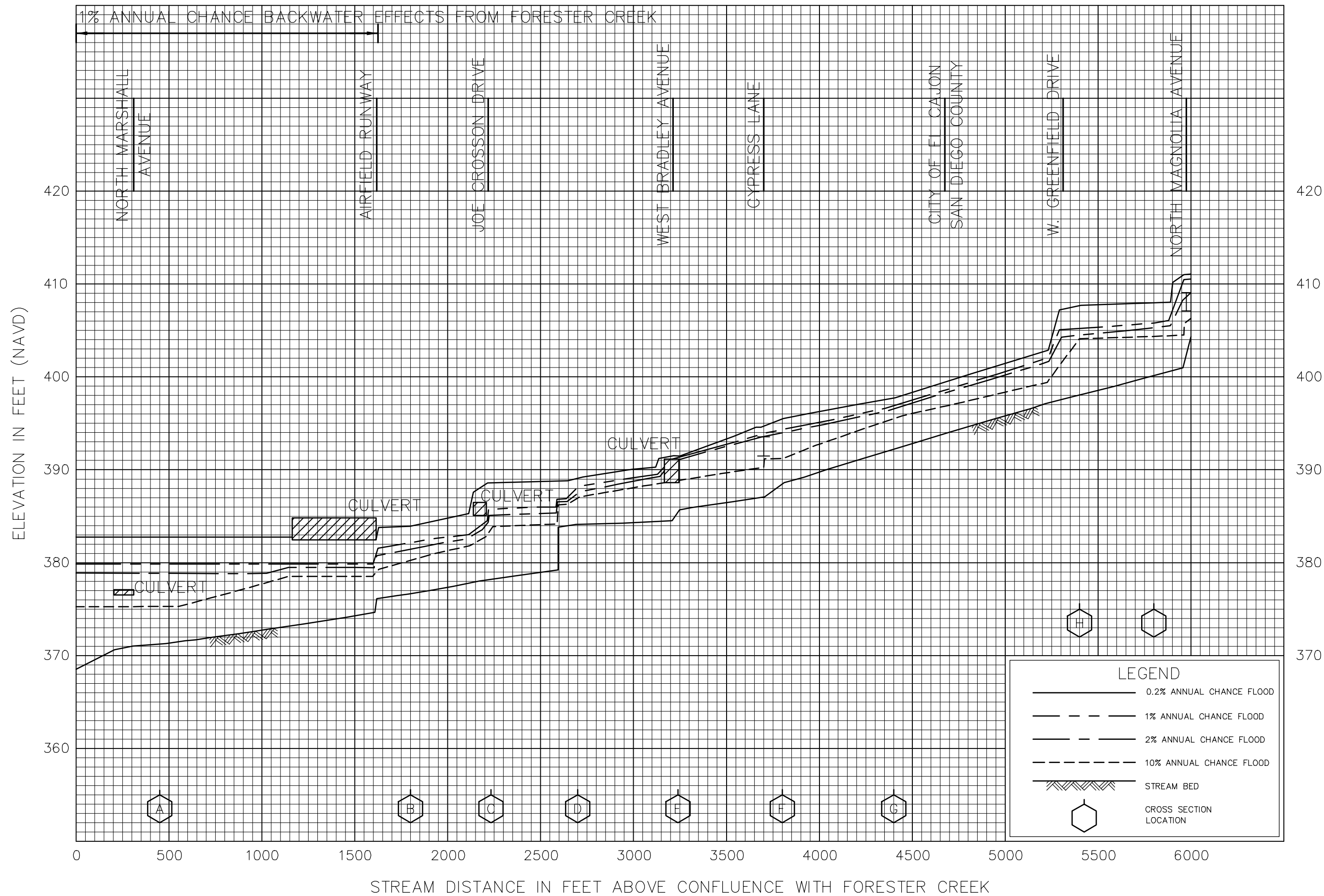
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FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



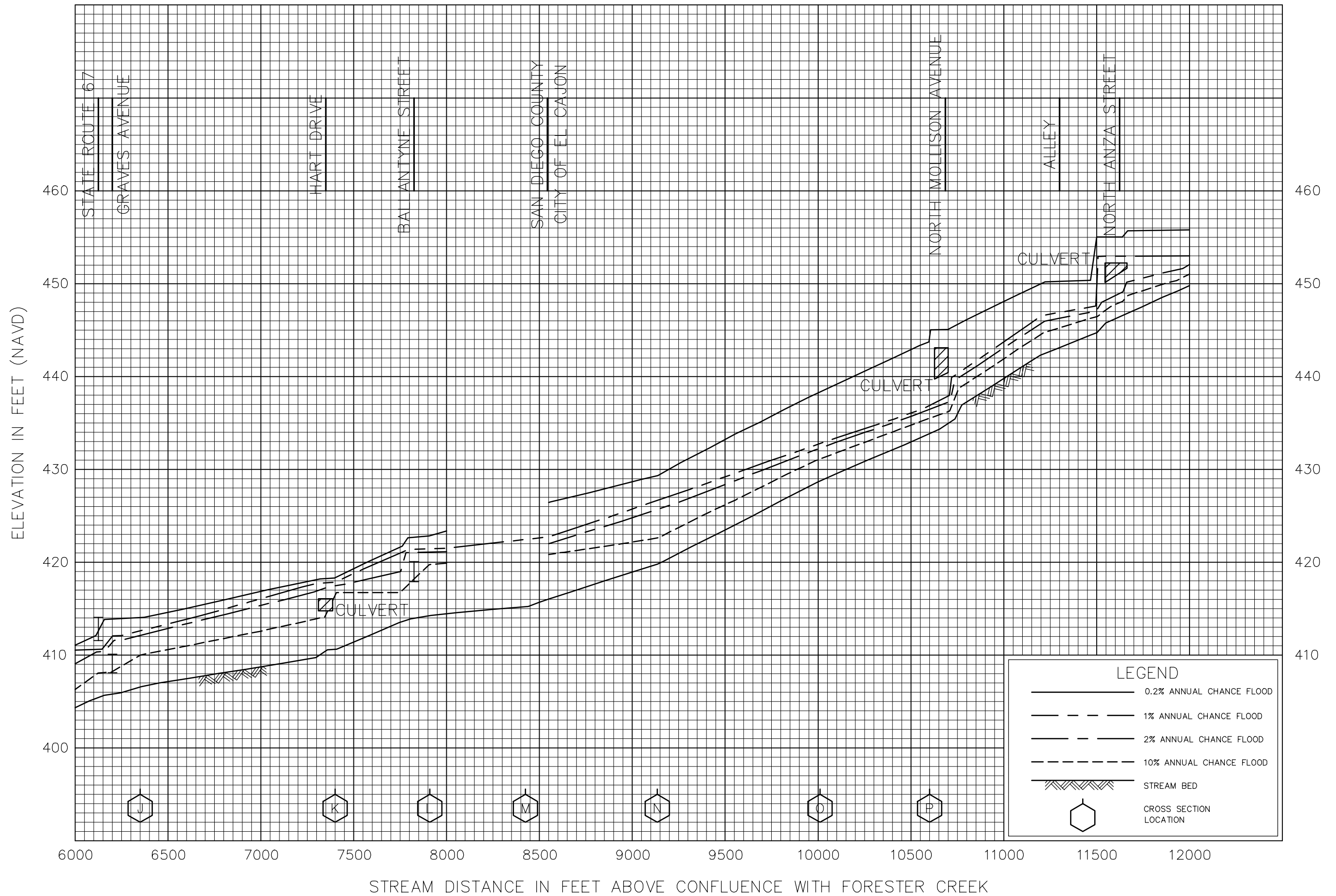
FLOOD PROFILES  
 BEELER CREEK

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



FLOOD PROFILES  
BROADWAY CREEK

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



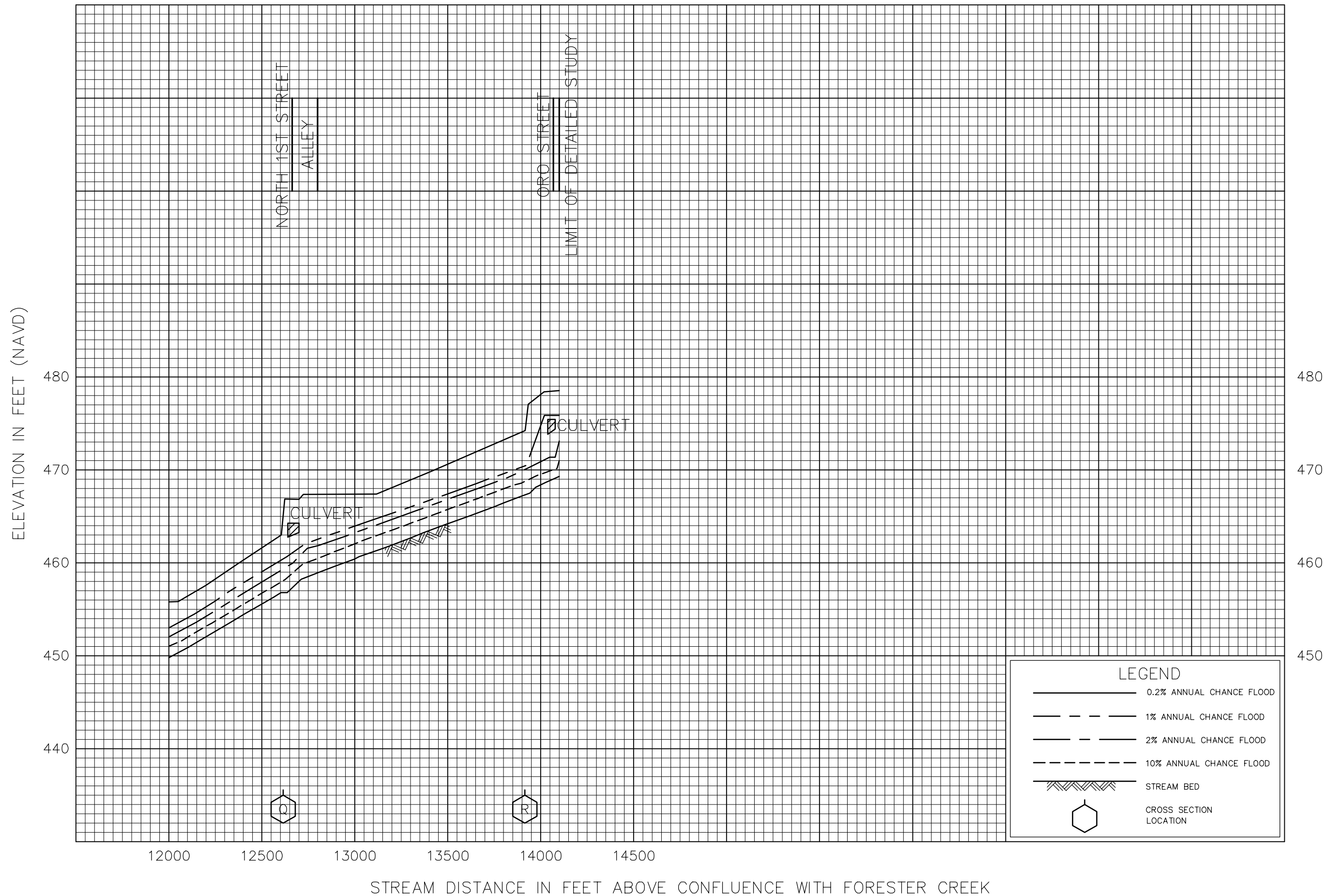
FLOOD PROFILES

BROADWAY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

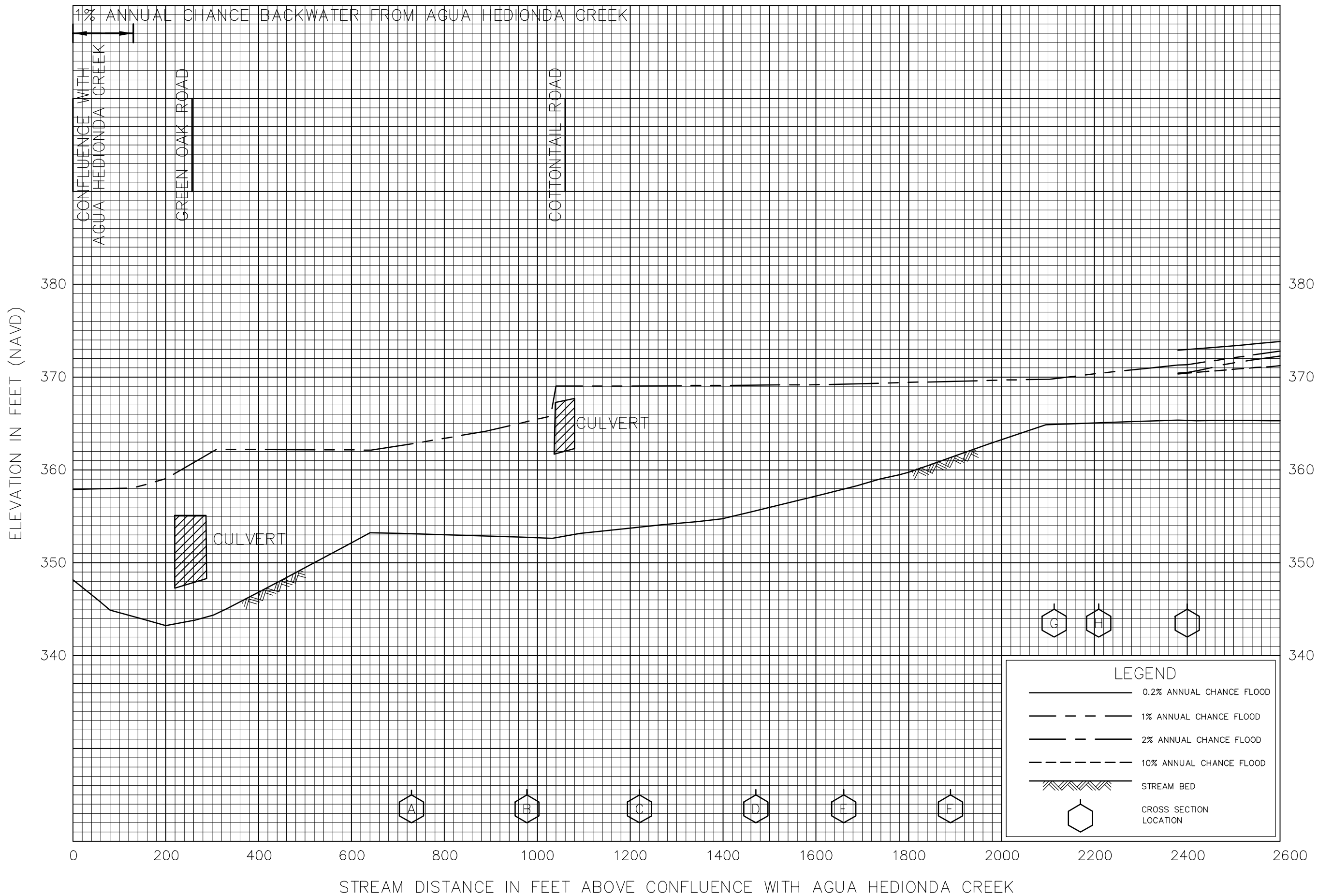
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





FLOOD PROFILES  
BROADWAY CREEK

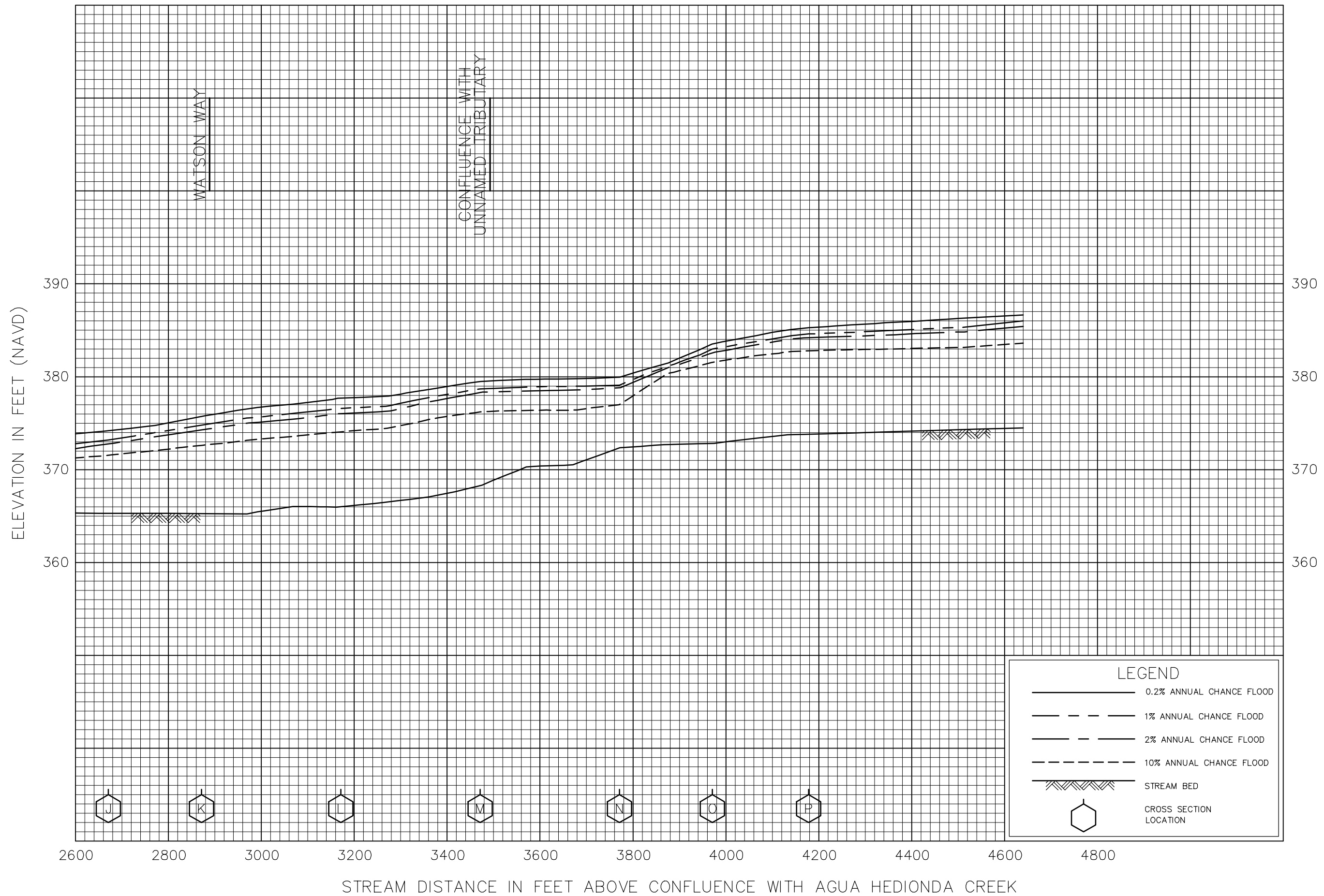
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES

BUENA CREEK

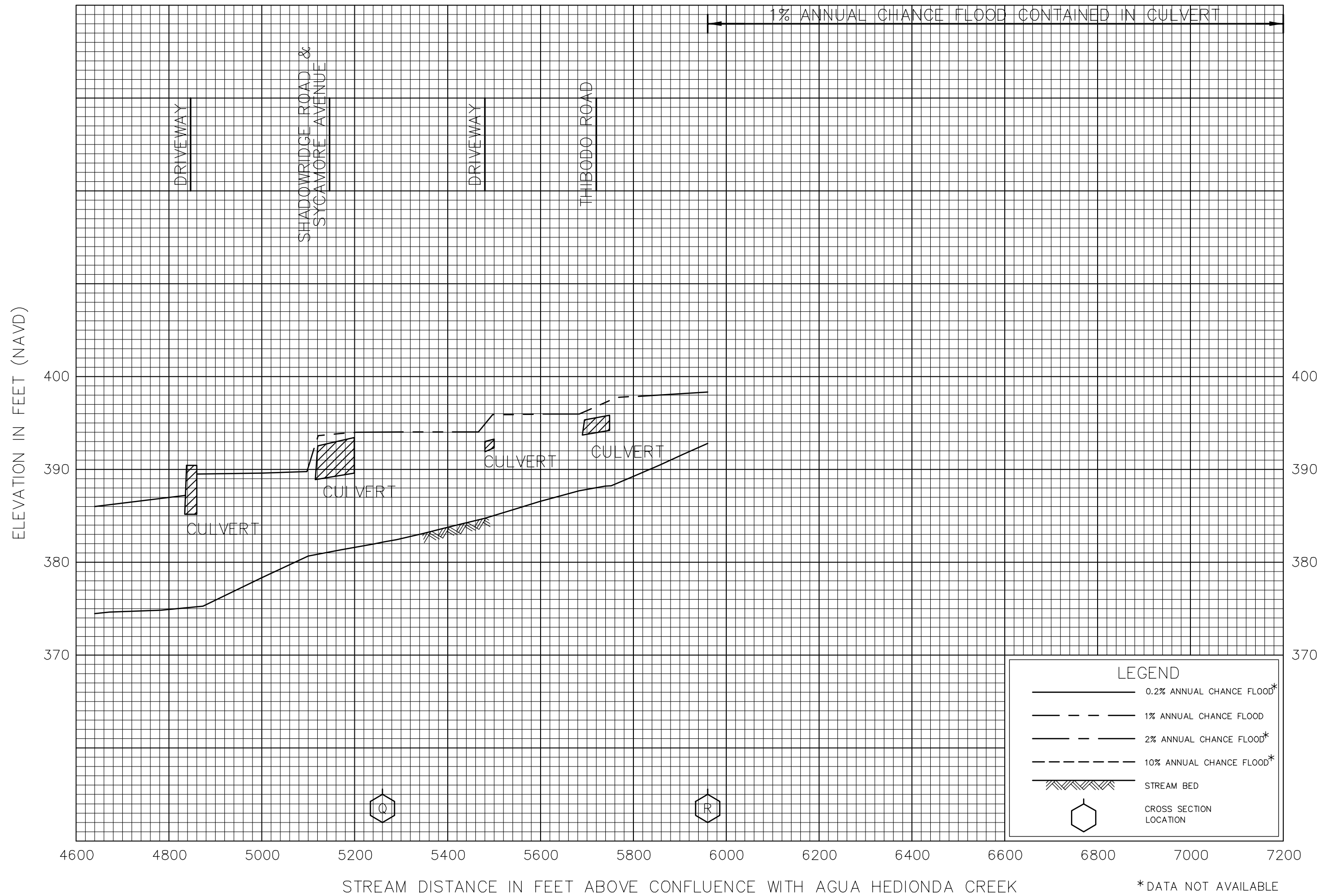
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

BUENA CREEK

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



FLOOD PROFILES

BUENA CREEK

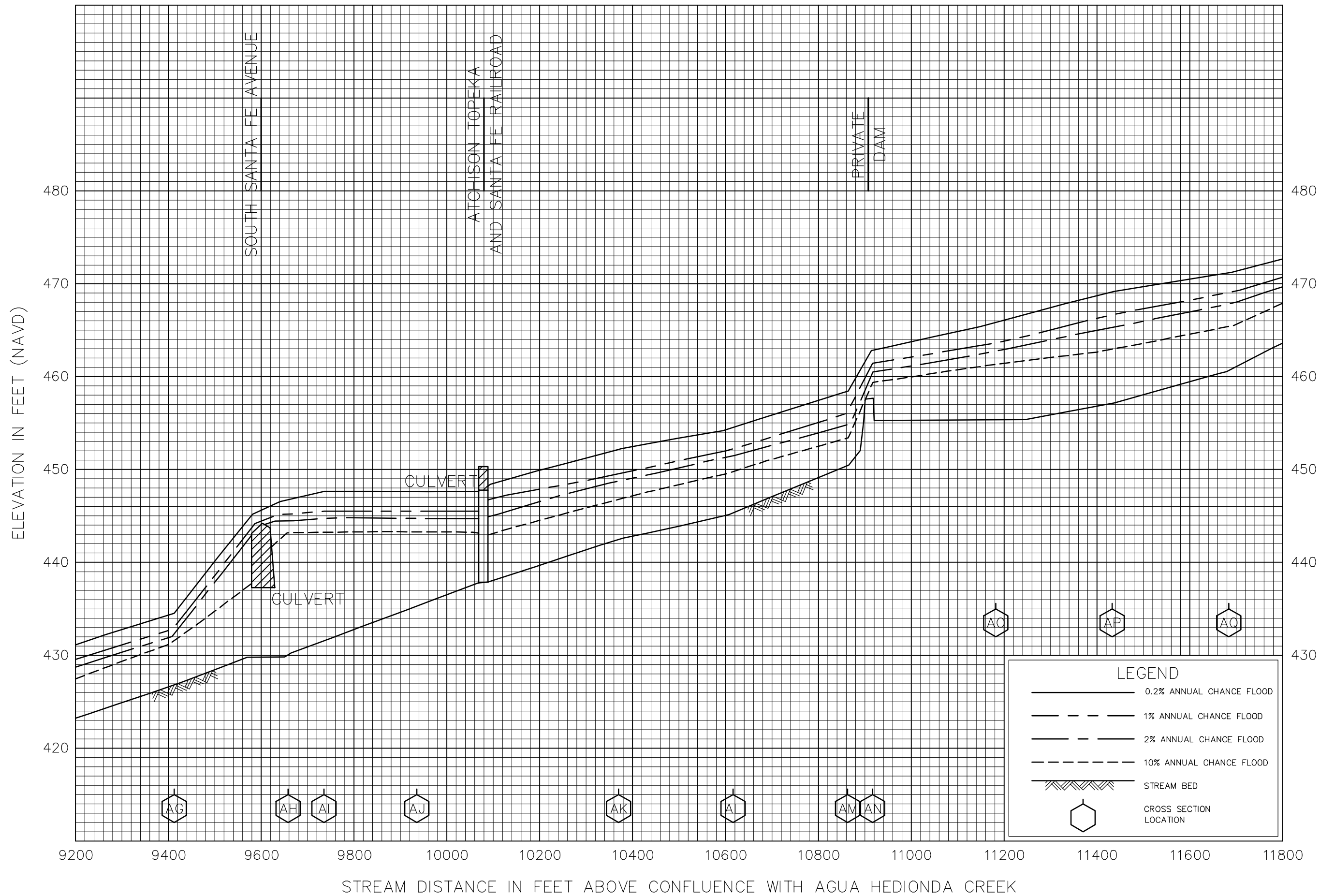
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

BUENA CREEK

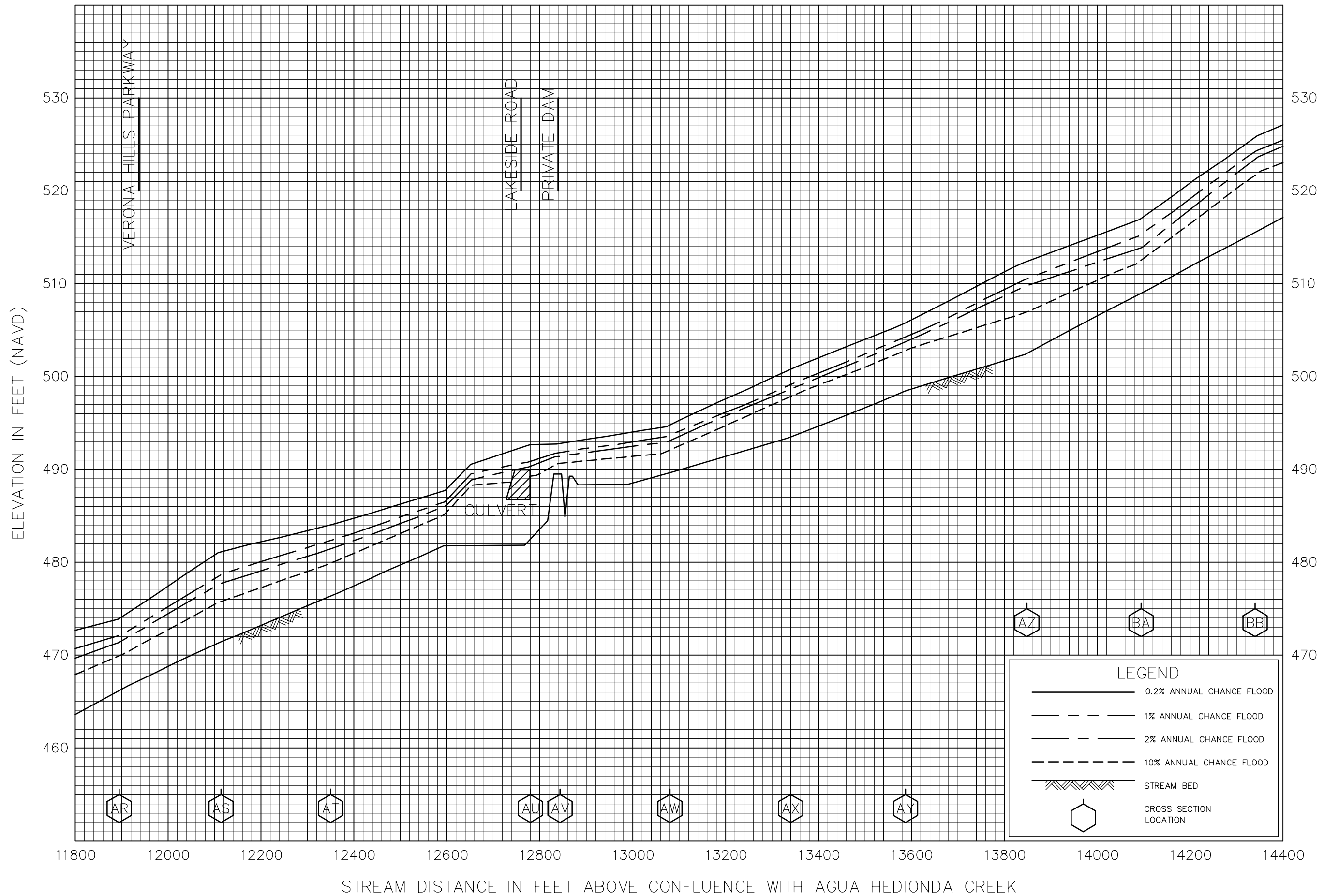
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SAN DIEGO COUNTY, CA  
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FLOOD PROFILES

BUENA CREEK

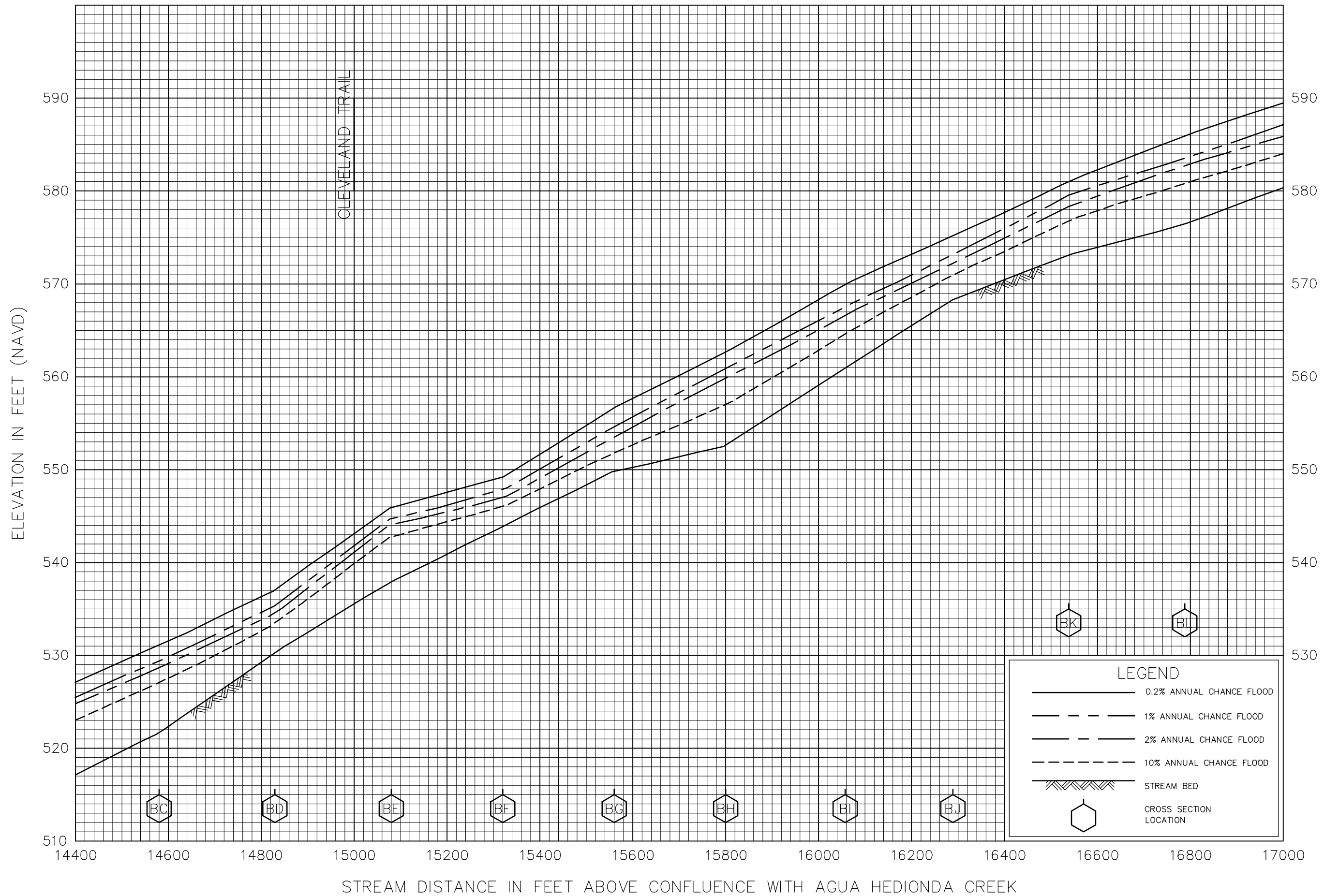
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
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FLOOD PROFILES

BUENA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
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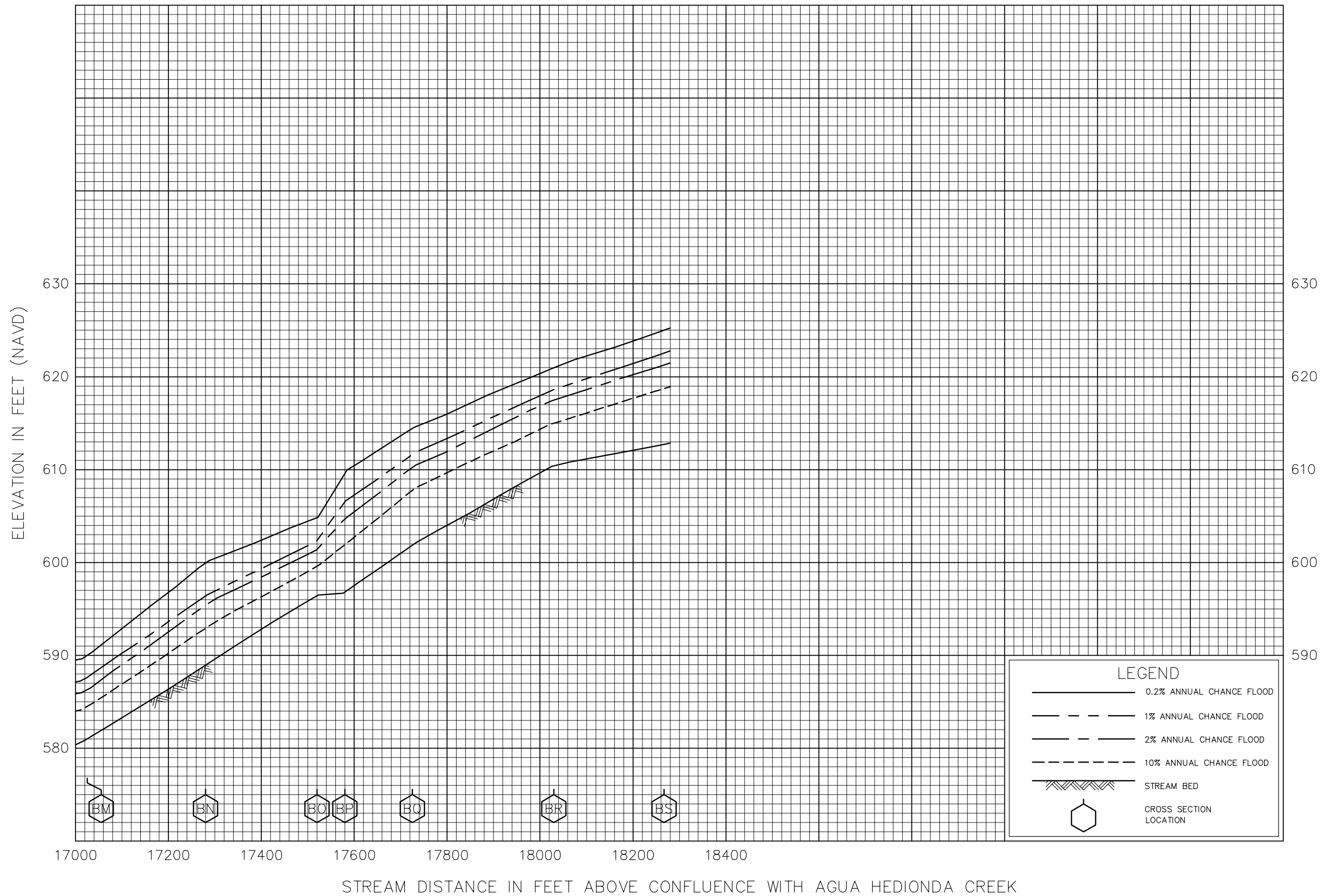


FLOOD PROFILES

BUENA CREEK

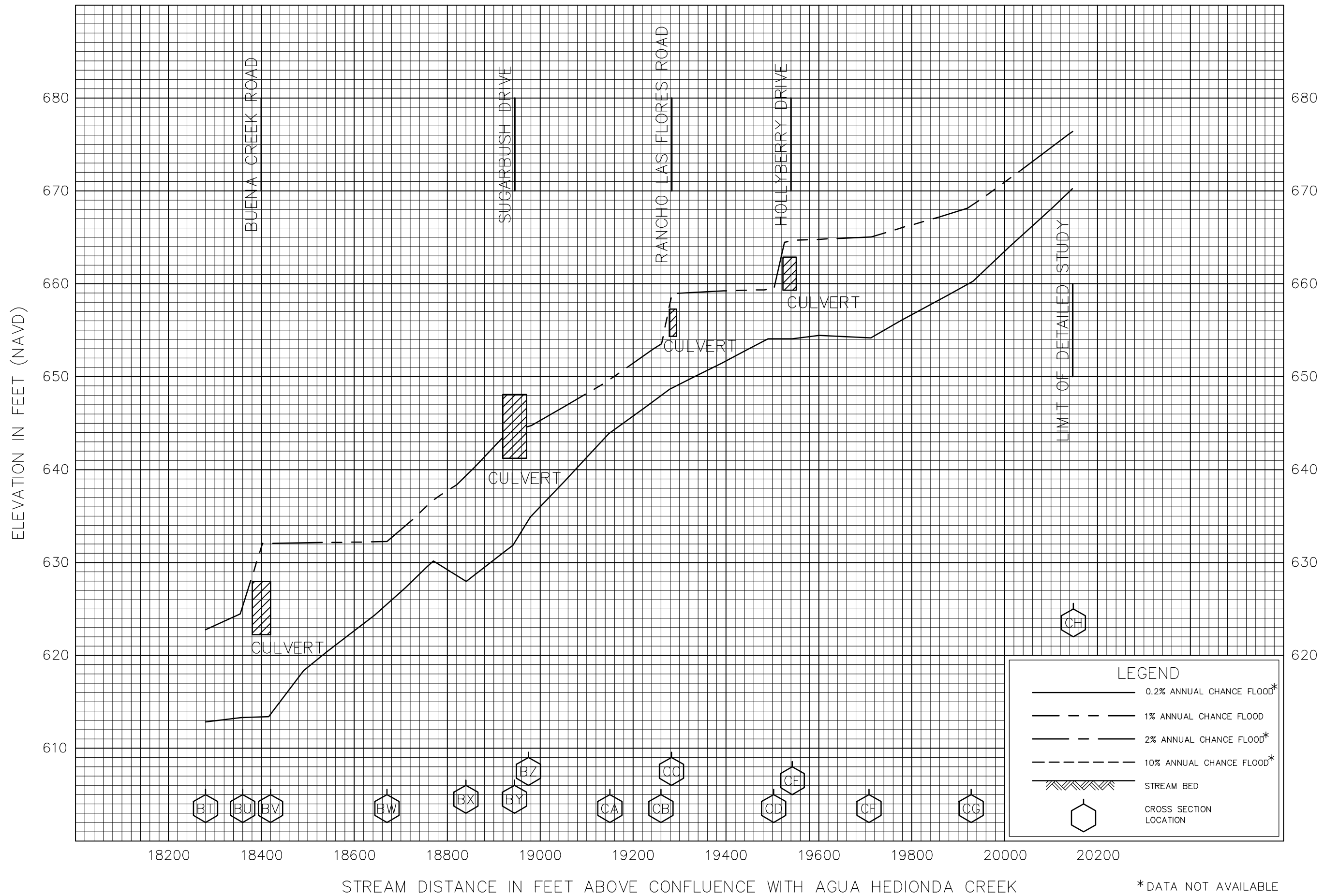
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)





FLOOD PROFILES  
BUENA CREEK

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

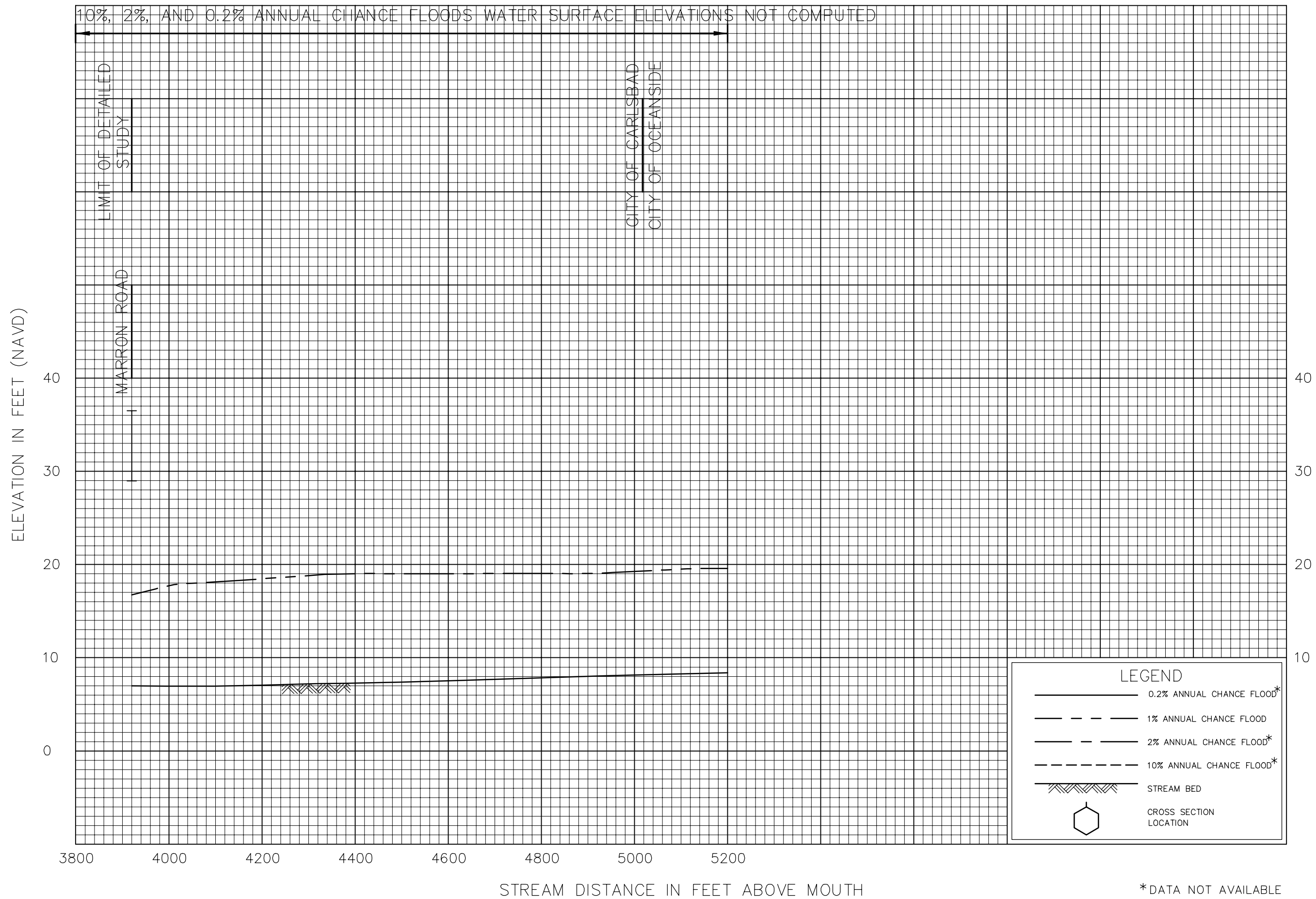


FLOOD PROFILES

BUENA CREEK

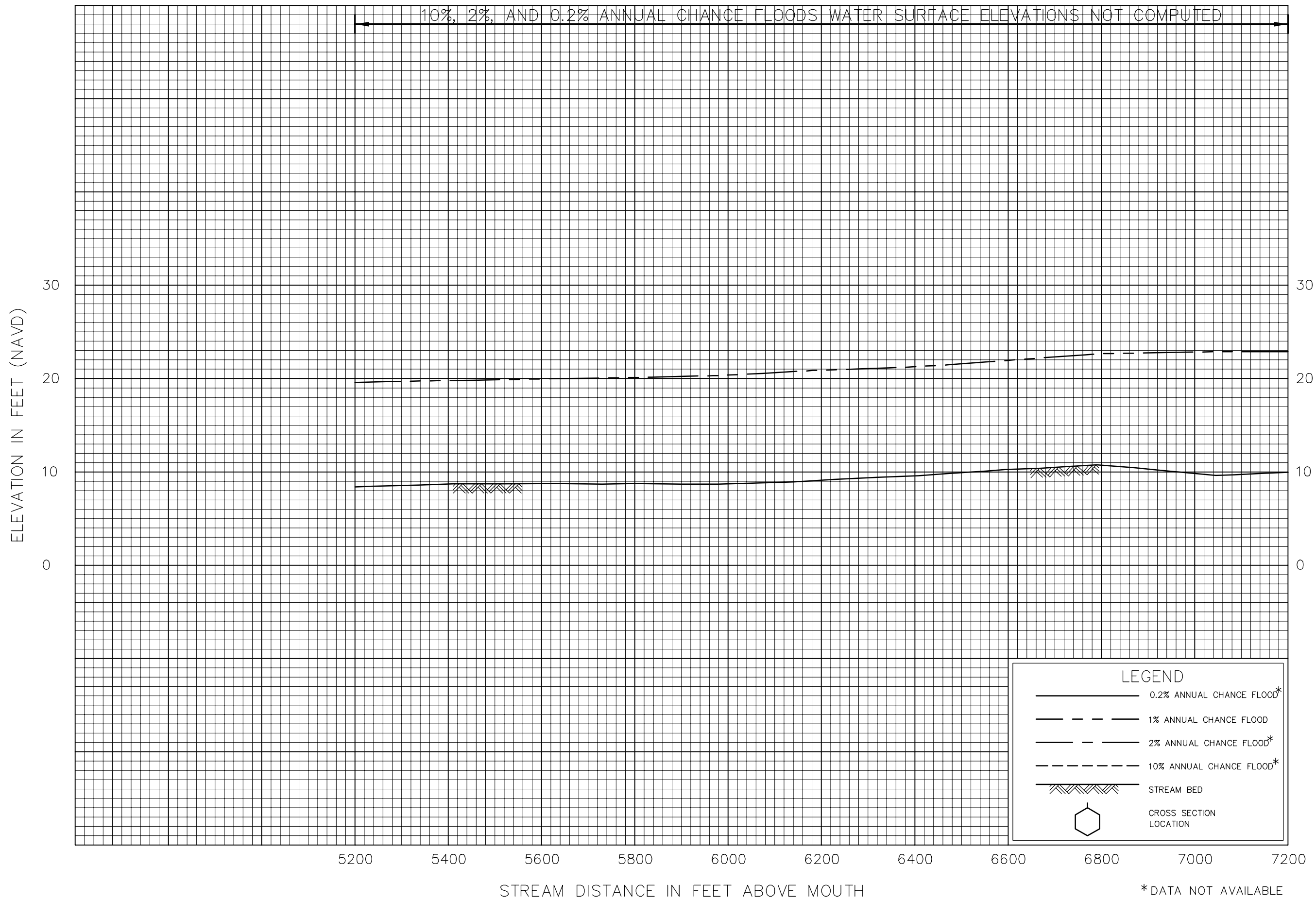
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)

\* DATA NOT AVAILABLE



FLOOD PROFILES  
BUENA VISTA CREEK

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



FLOOD PROFILES

BUENA VISTA CREEK

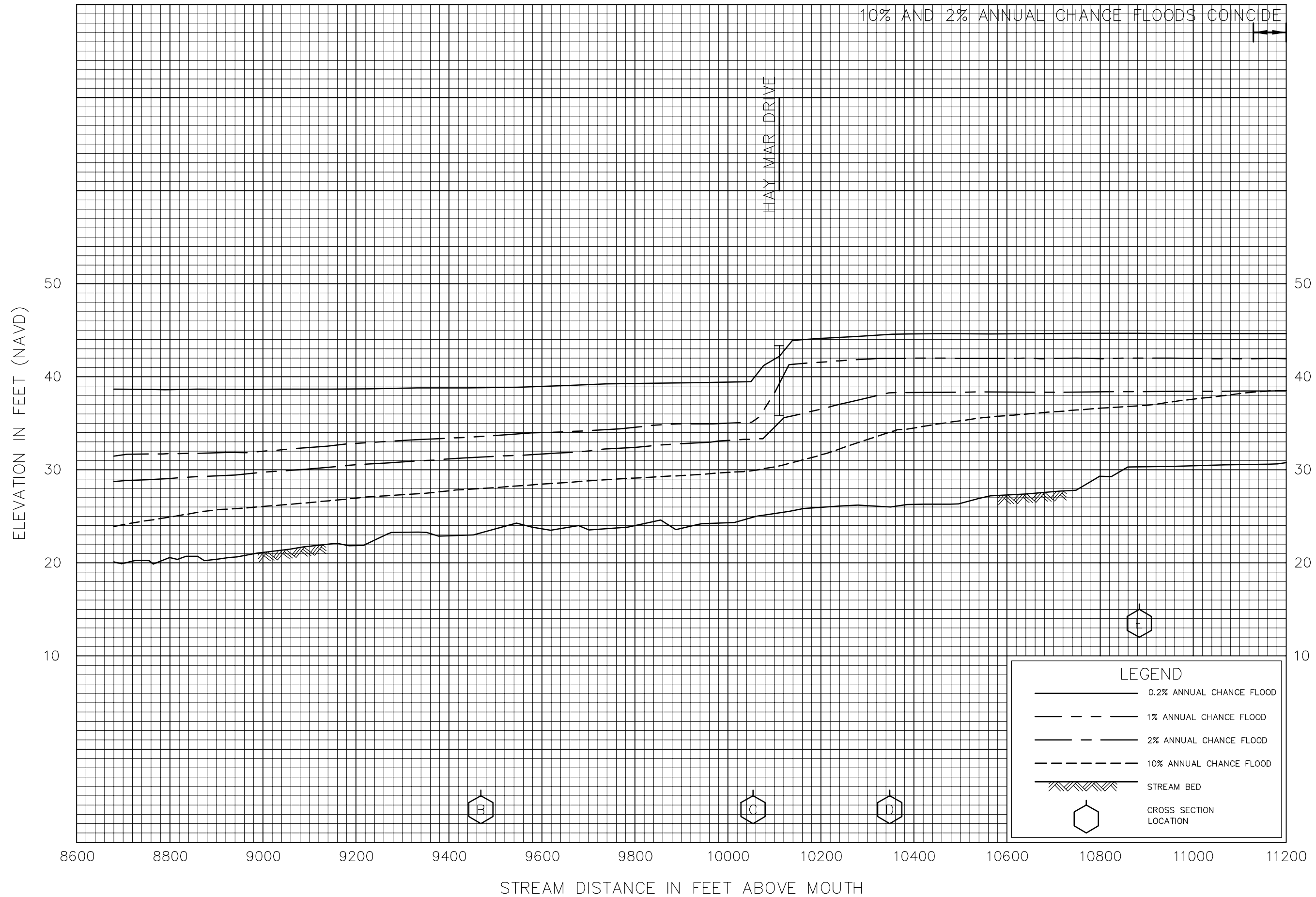
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
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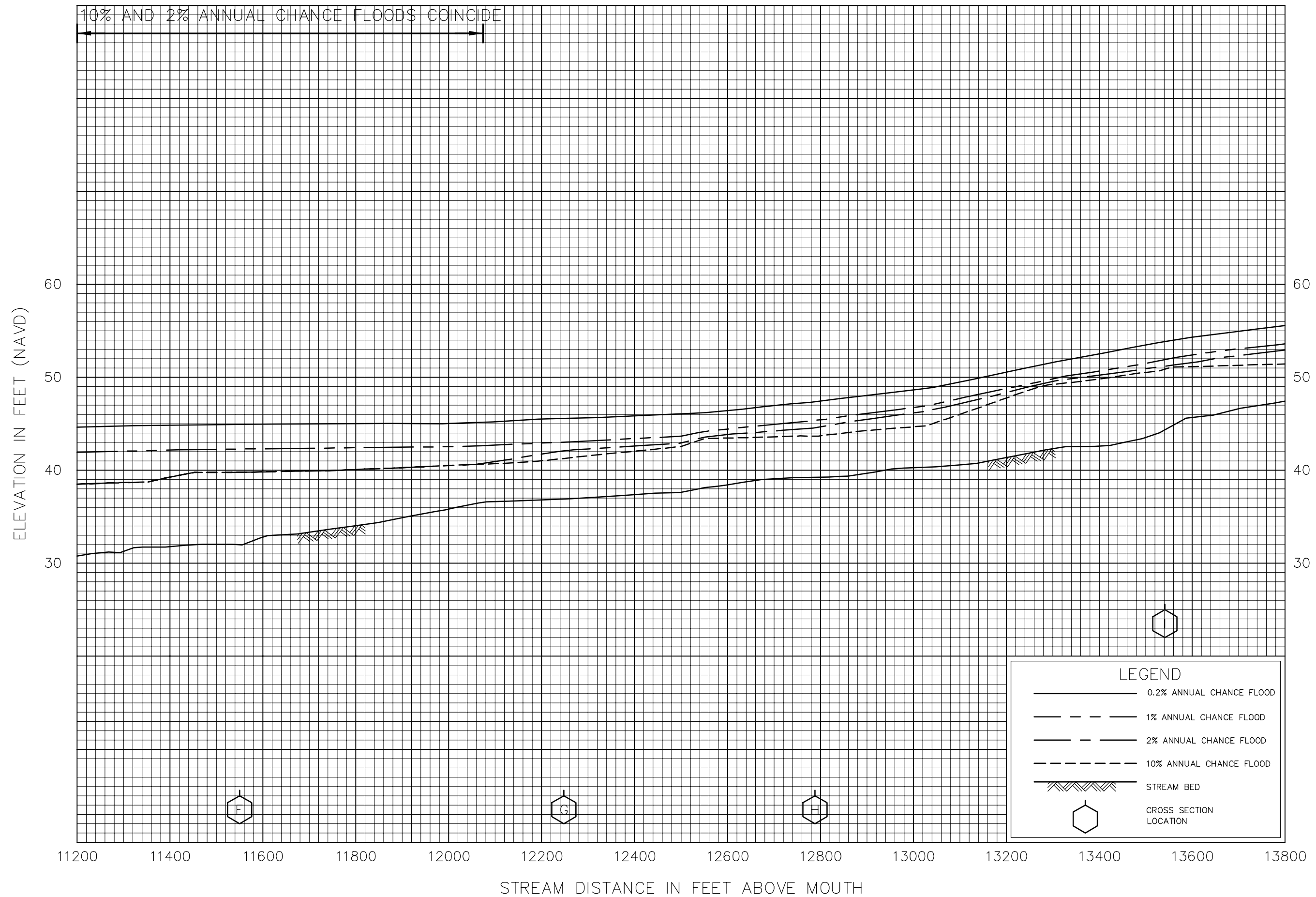


FLOOD PROFILES

BUENA VISTA CREEK

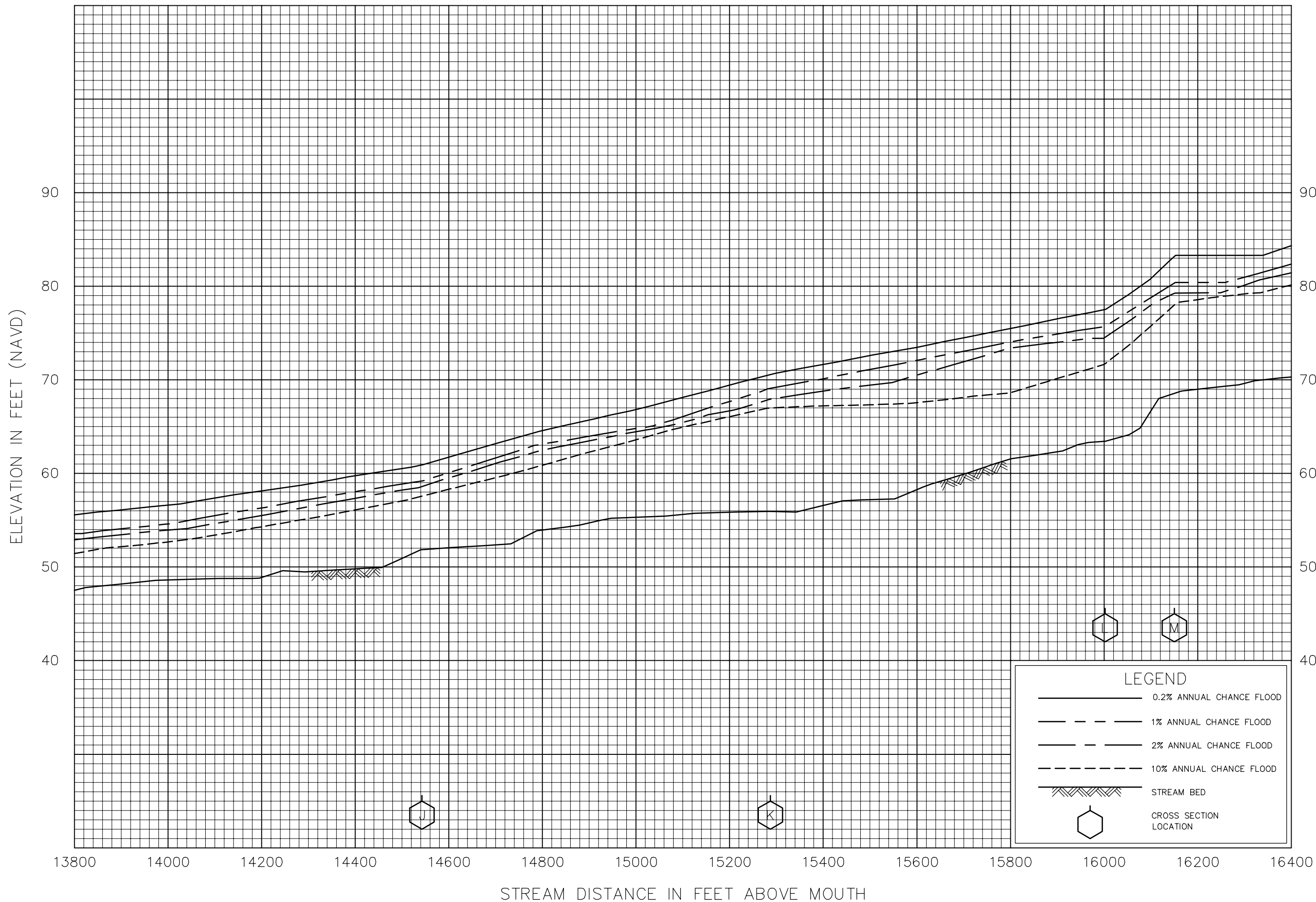
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



FLOOD PROFILES  
BUENA VISTA CREEK

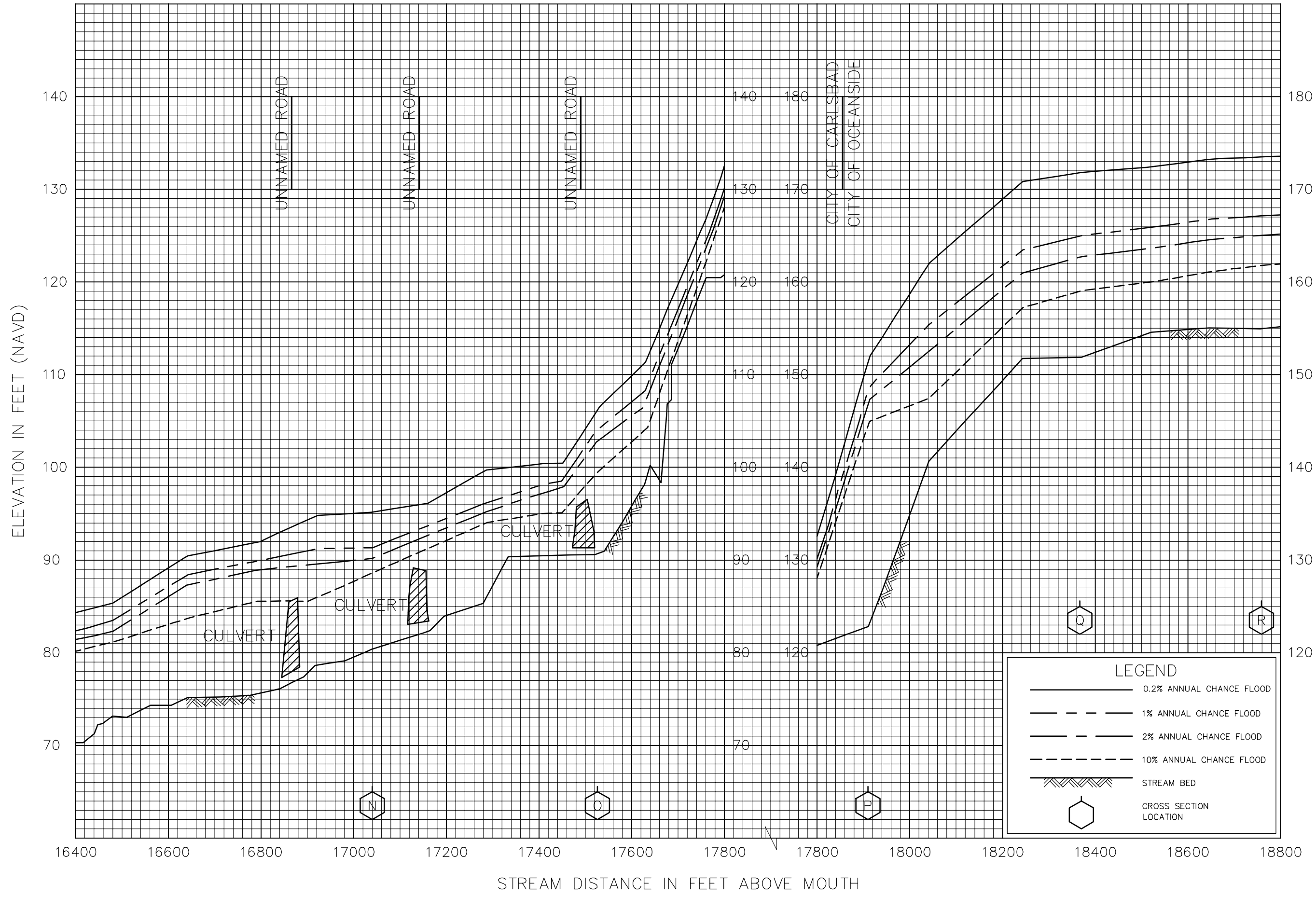
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
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FLOOD PROFILES  
BUENA VISTA CREEK

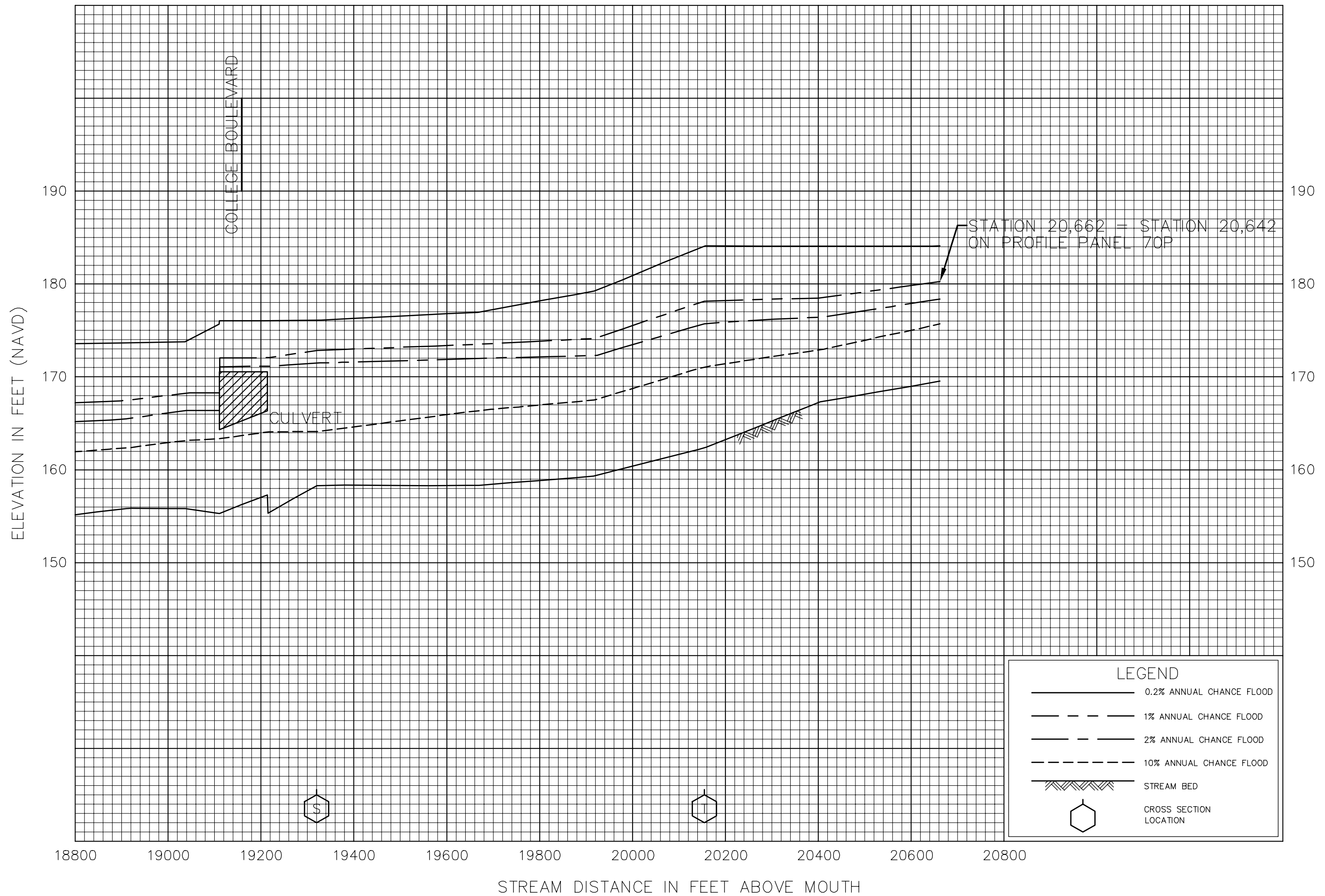
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SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





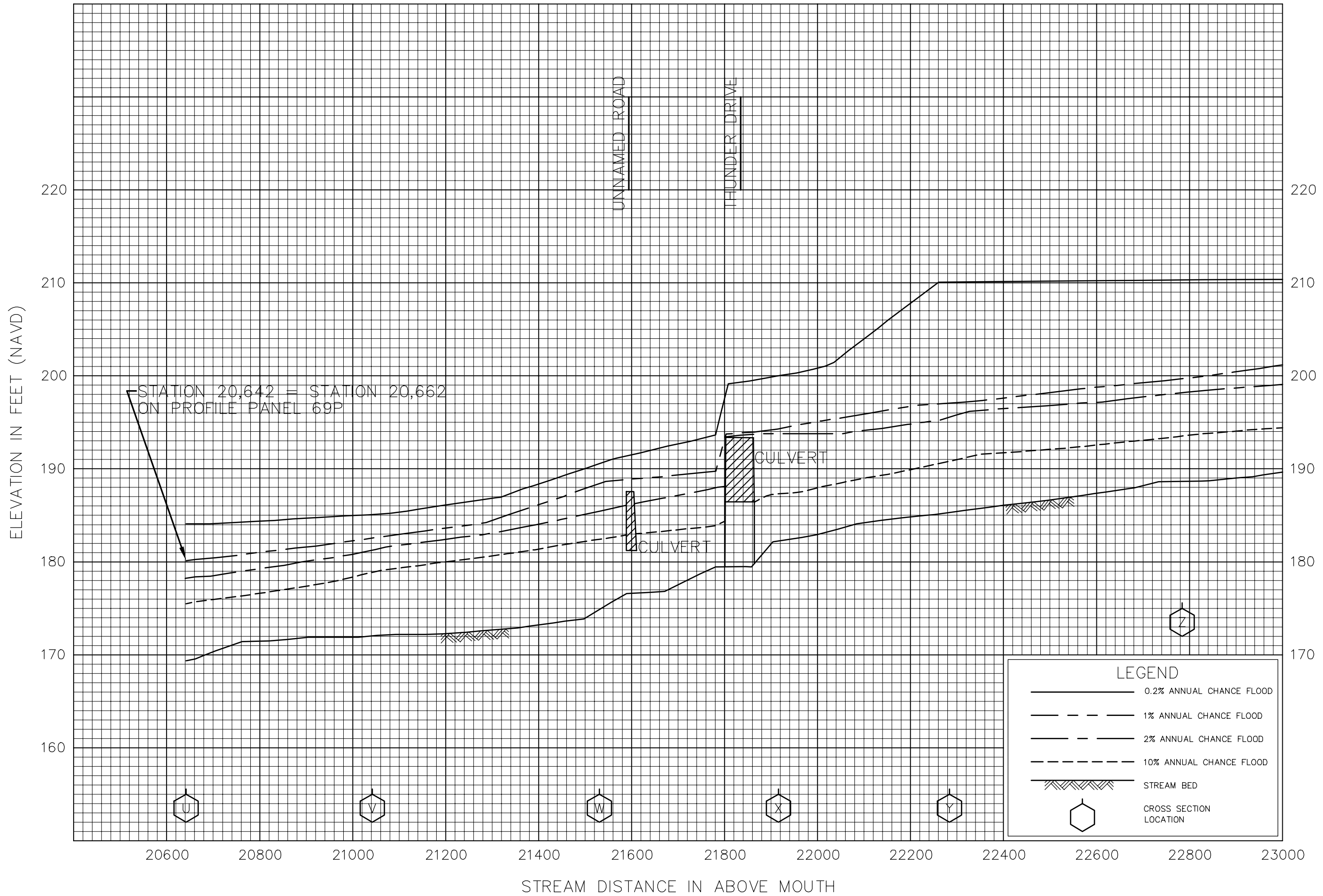
FLOOD PROFILES  
BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
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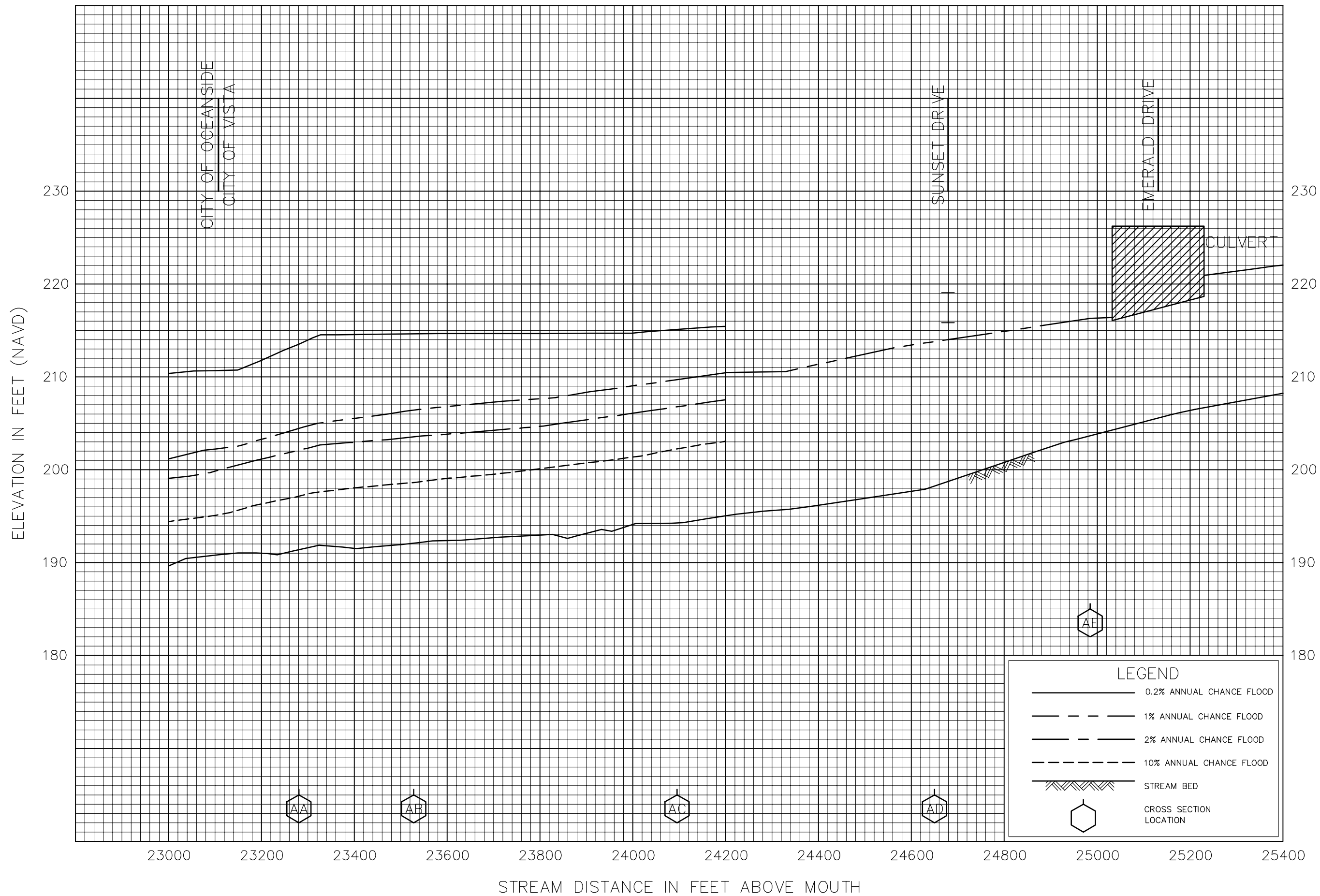
FLOOD PROFILES  
BUENA VISTA CREEK

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



FLOOD PROFILES  
BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
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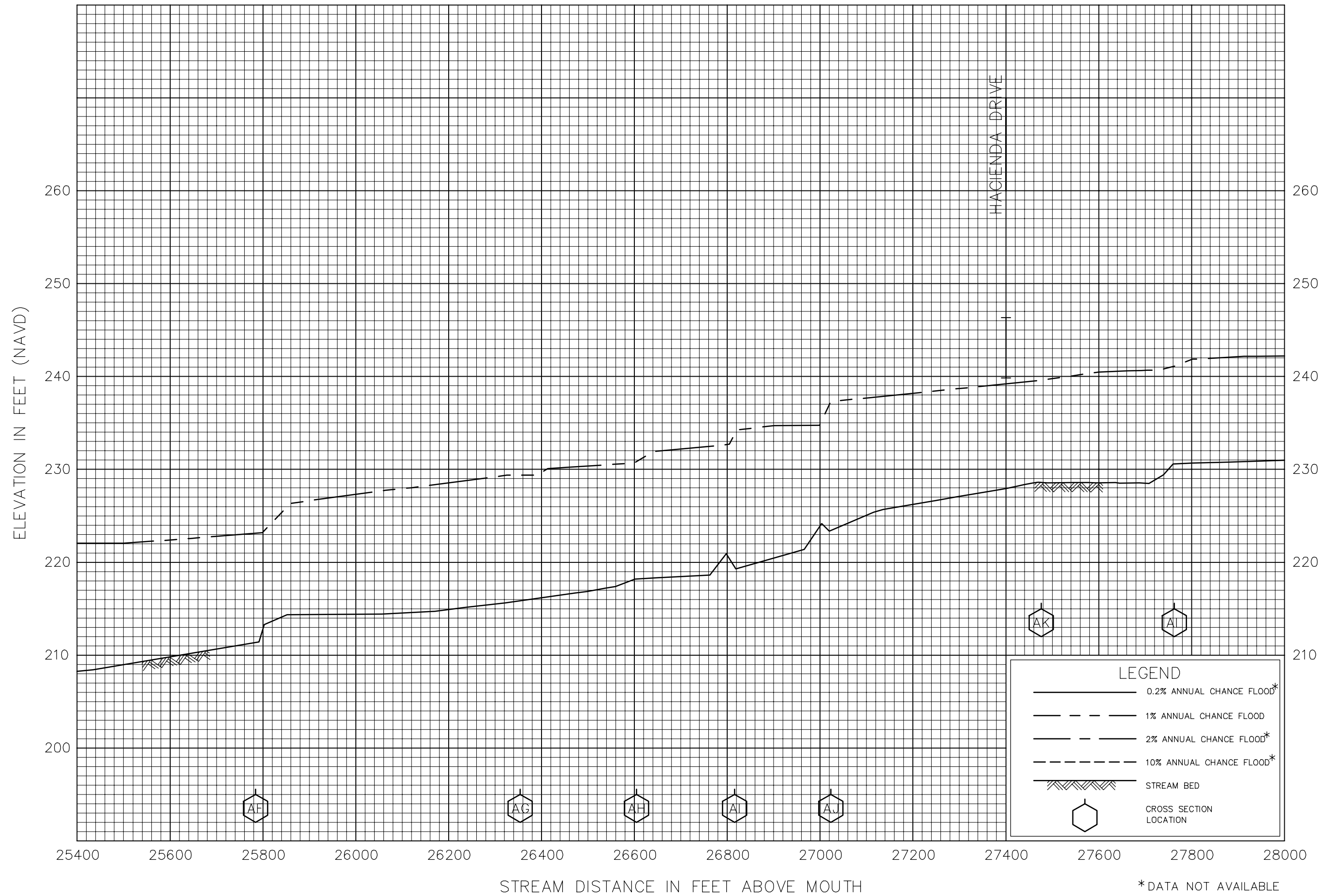
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BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)



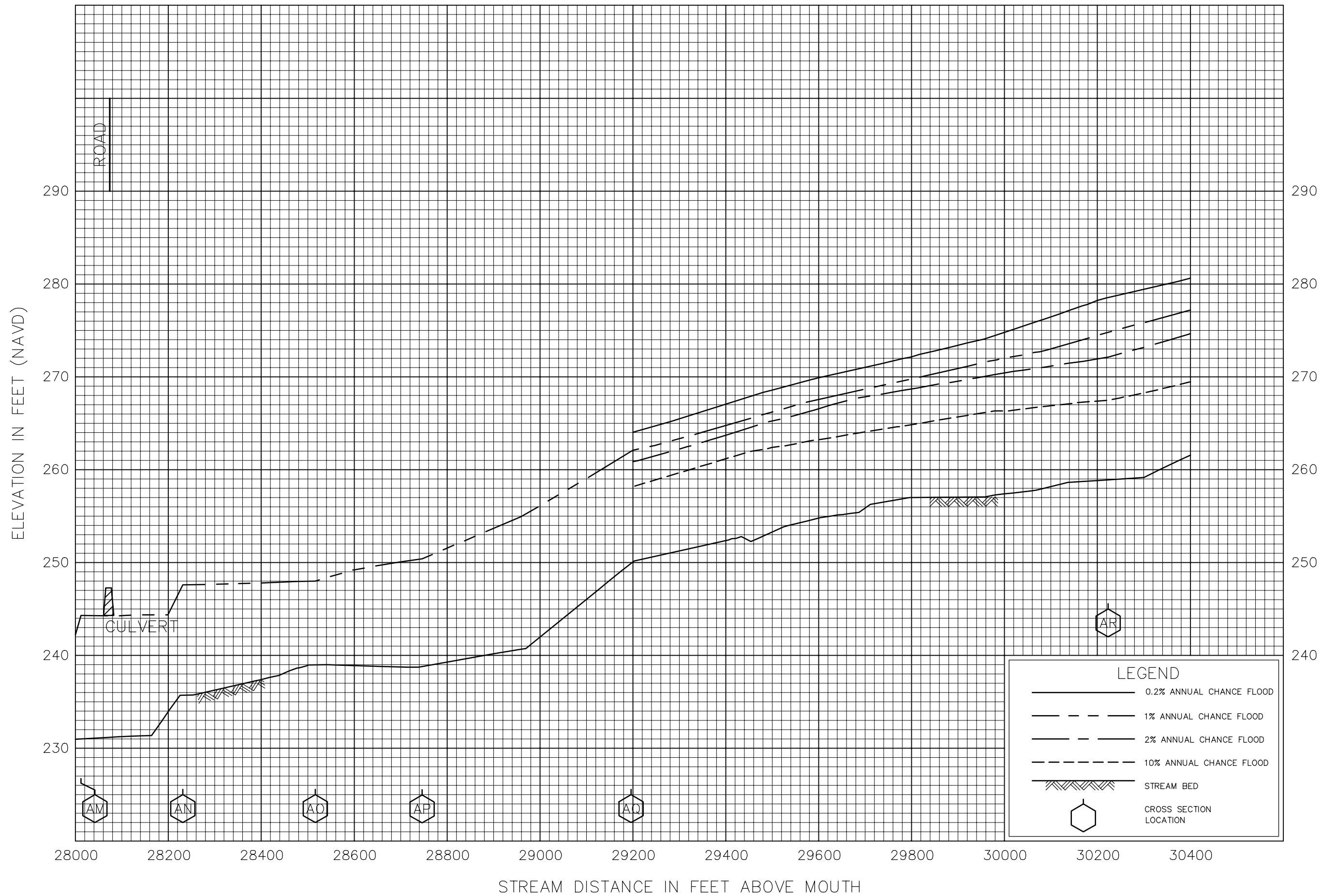


FLOOD PROFILES  
BUENA VISTA CREEK

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

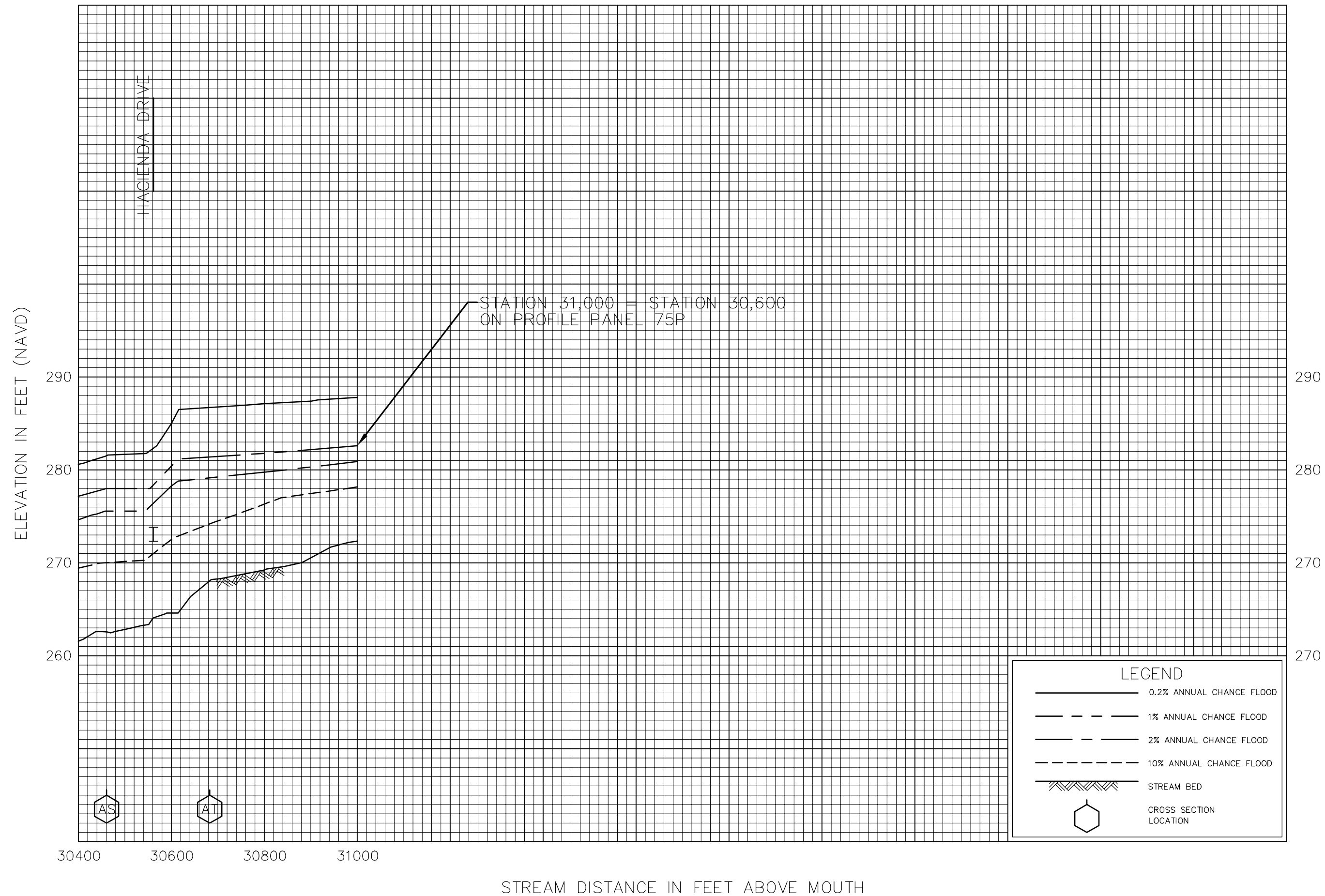


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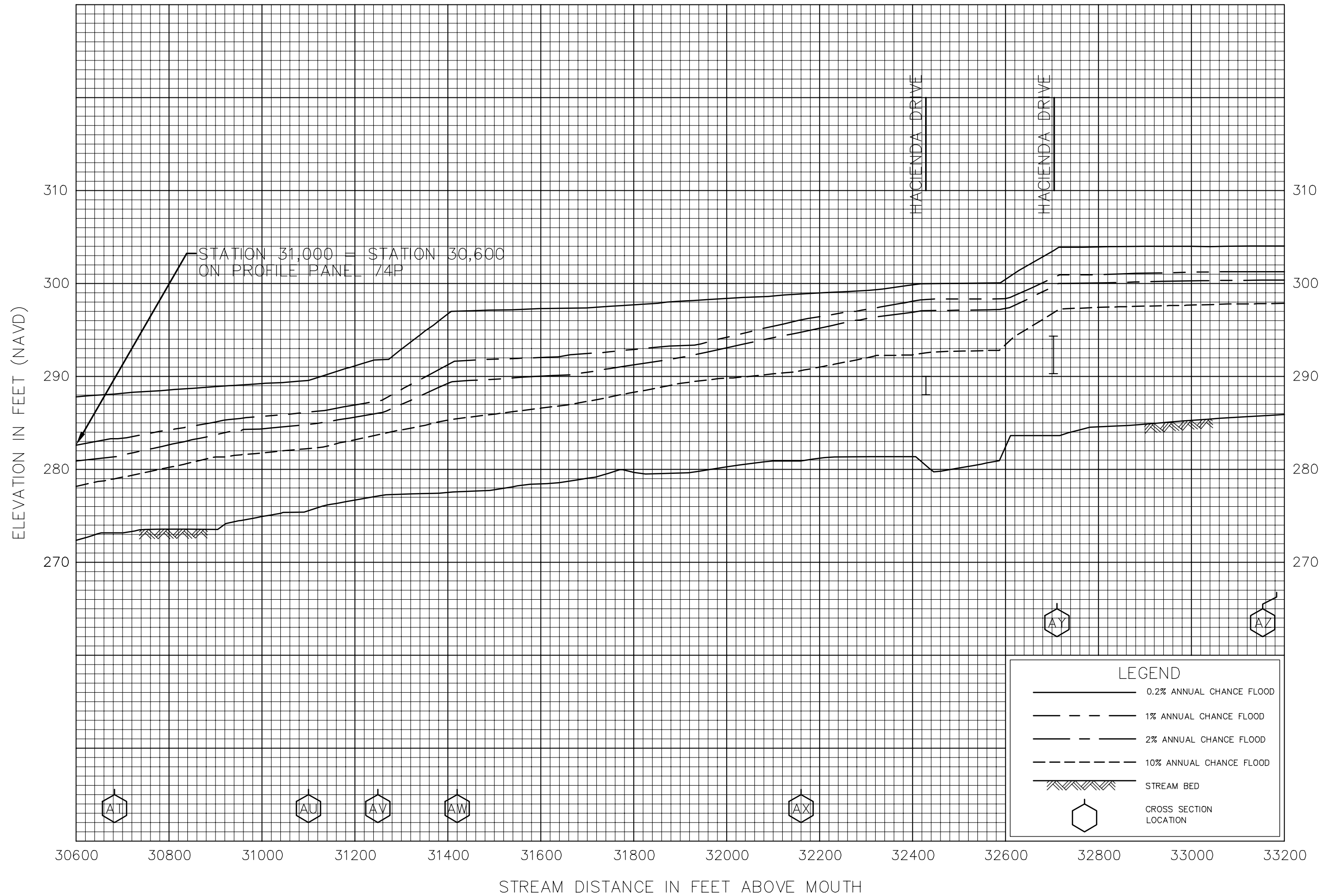
FLOOD PROFILES  
BUENA VISTA CREEK

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



FLOOD PROFILES  
 BUENA VISTA CREEK

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



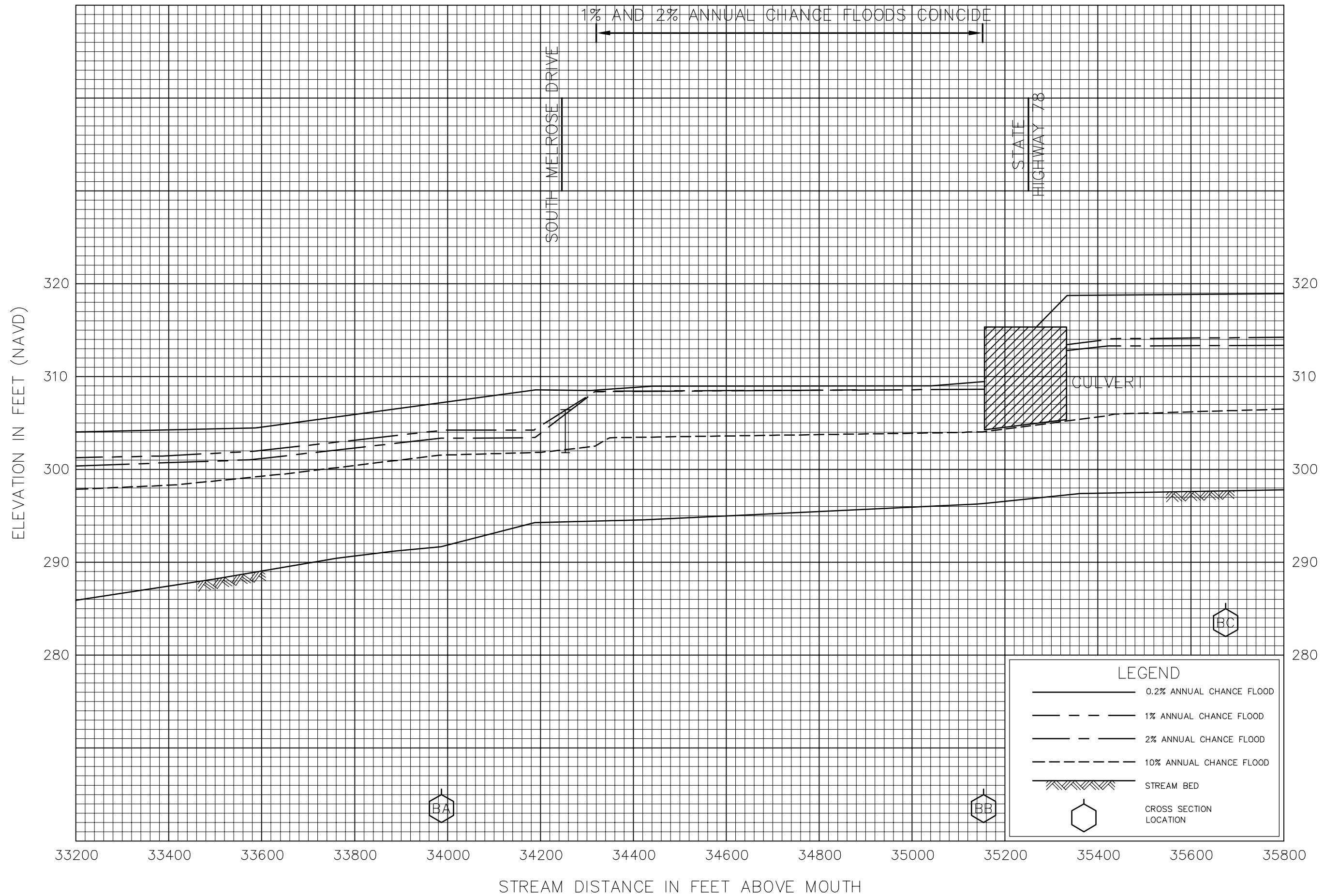
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FEDERAL EMERGENCY MANAGEMENT AGENCY

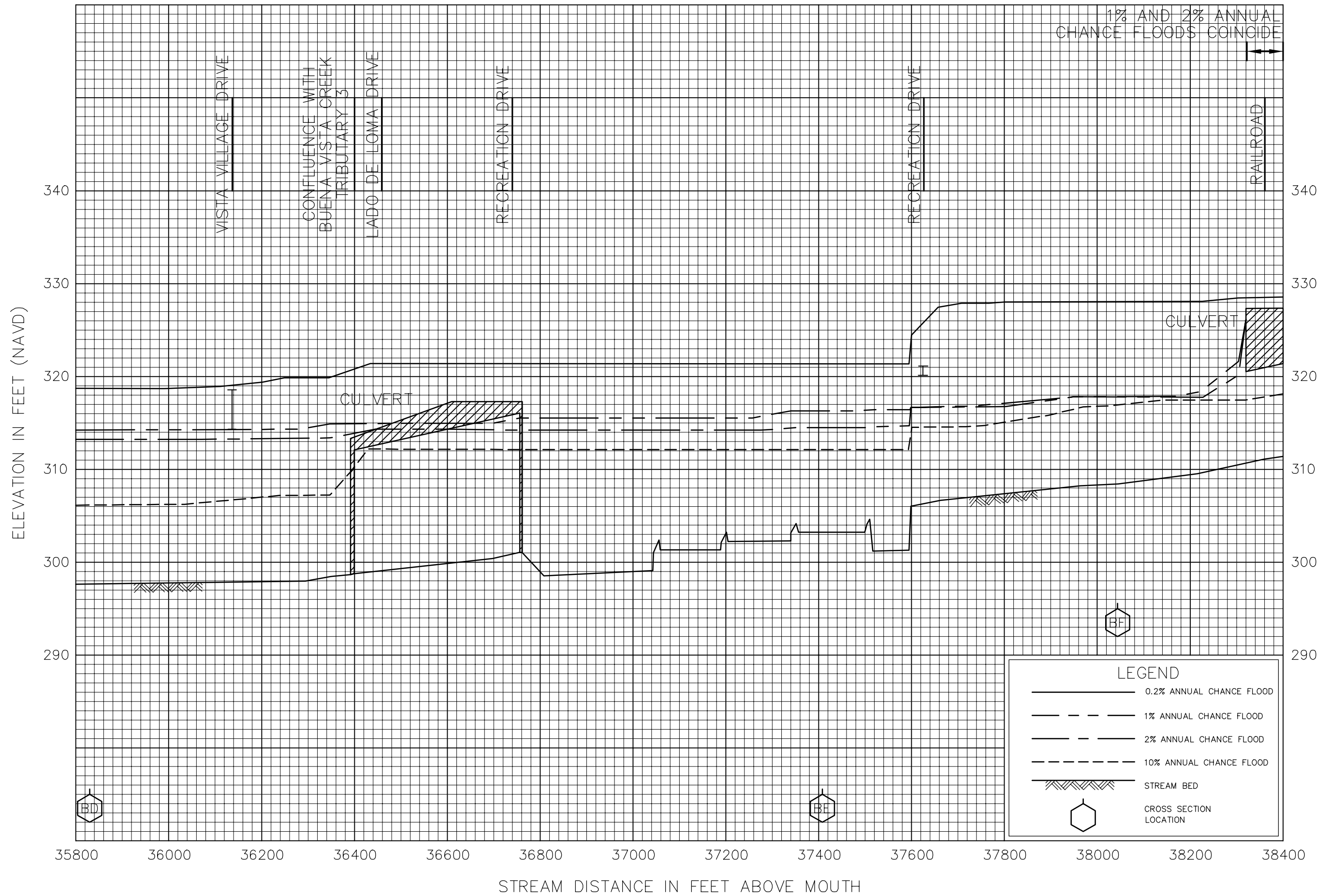
SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)





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BUENA VISTA CREEK

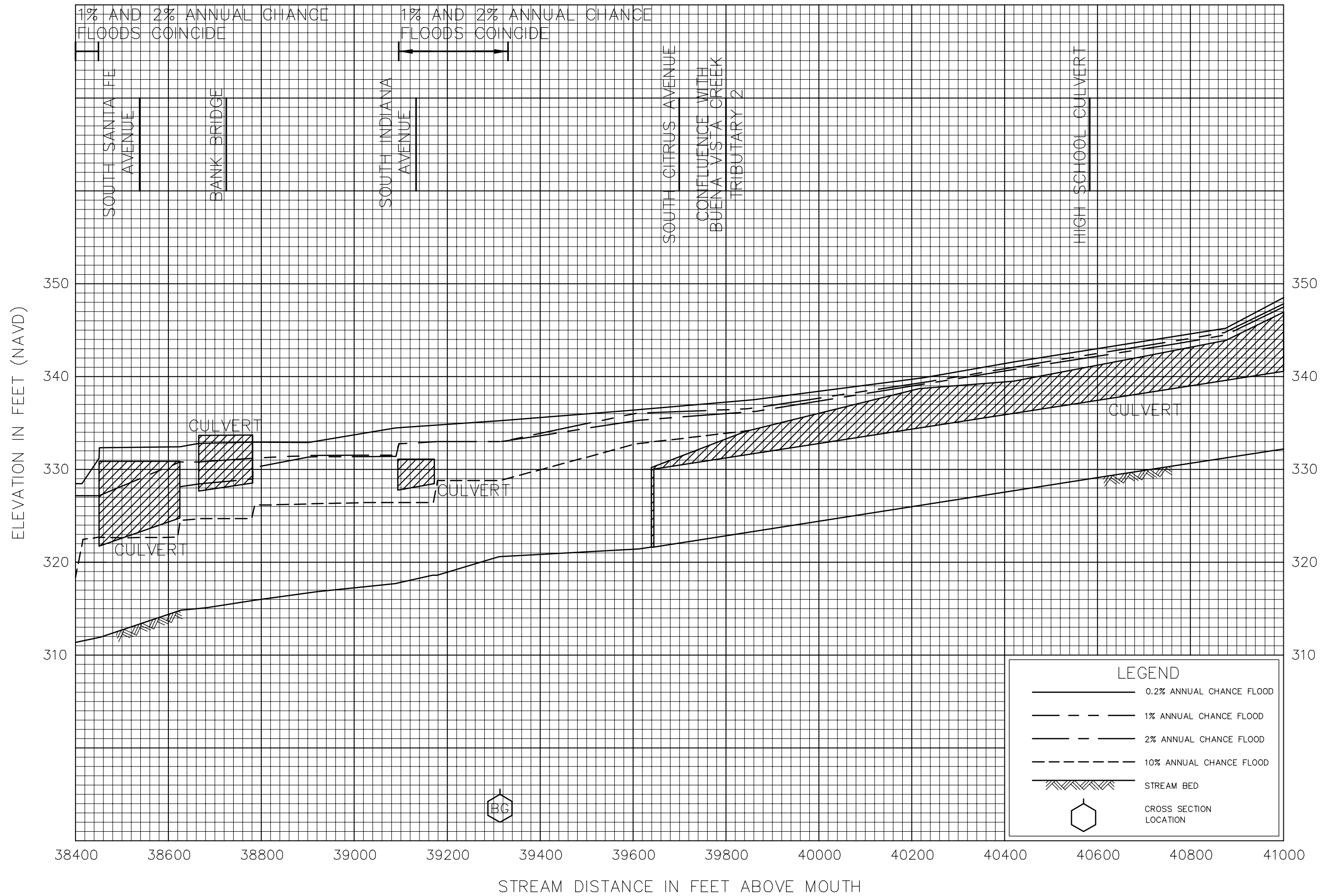
FEDERAL EMERGENCY MANAGEMENT AGENCY  
SAN DIEGO COUNTY, CA  
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**FLOOD PROFILES**

BUENA VISTA CREEK

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



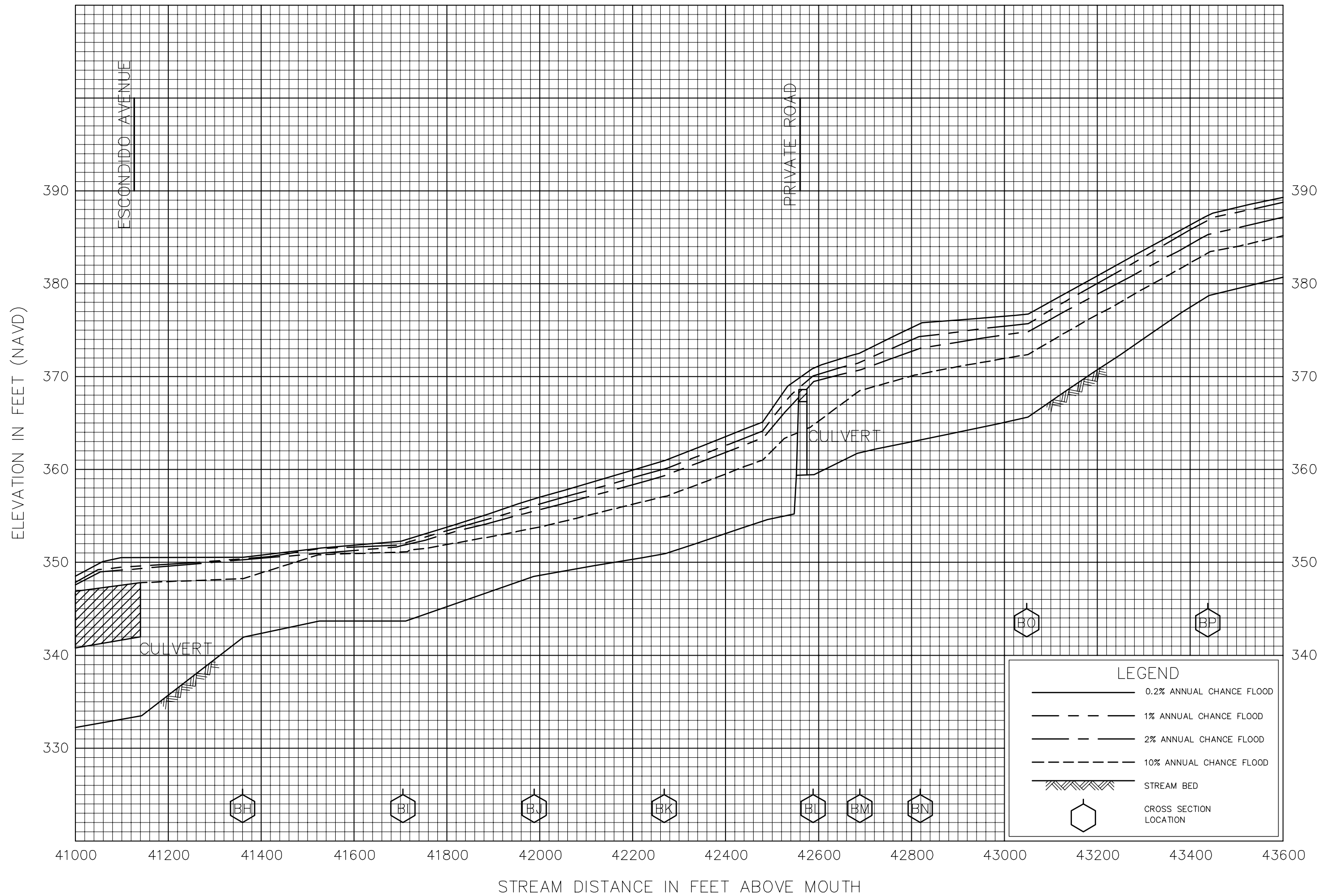
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BUENA VISTA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

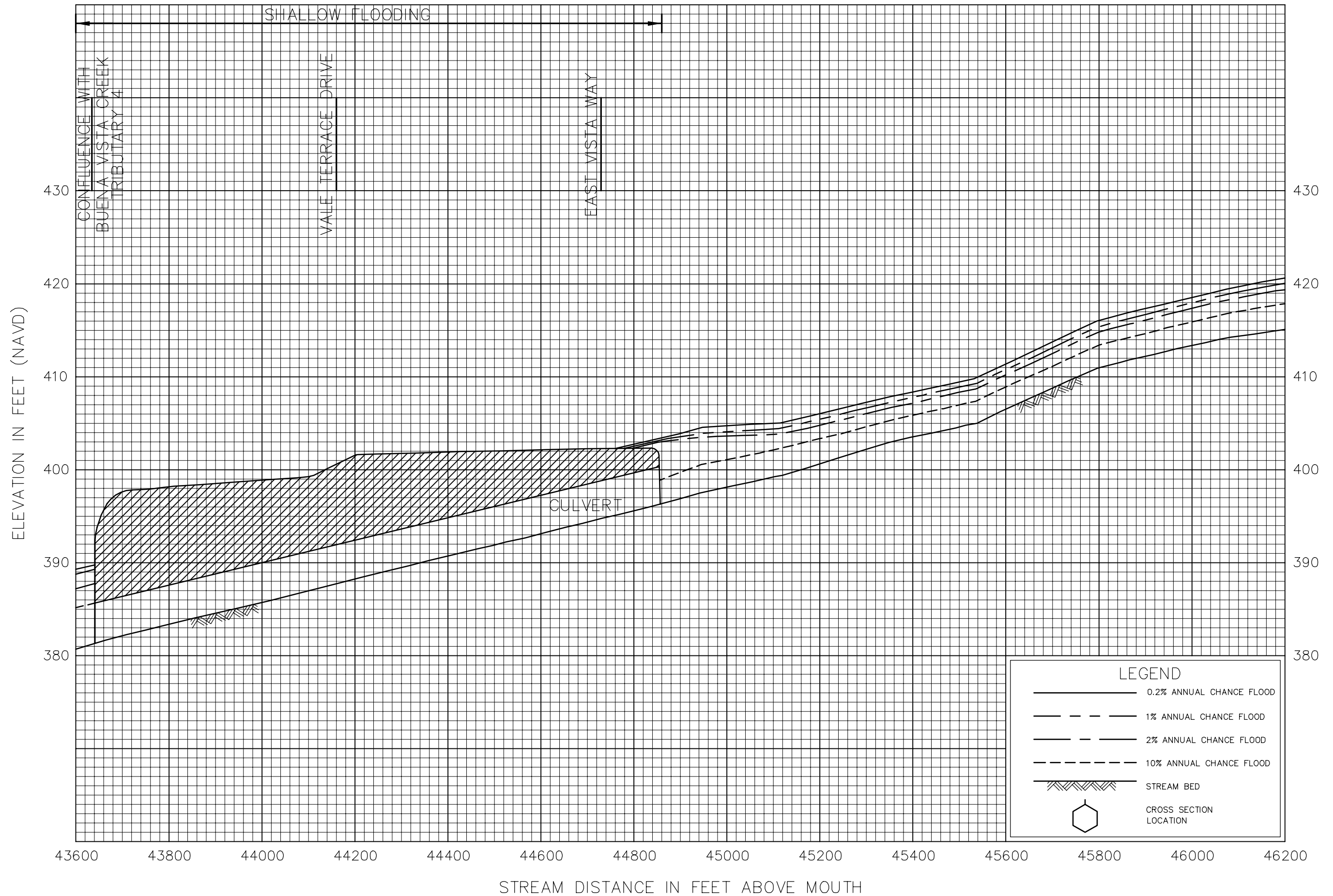
SAN DIEGO COUNTY, CA

(AND INCORPORATED AREAS)



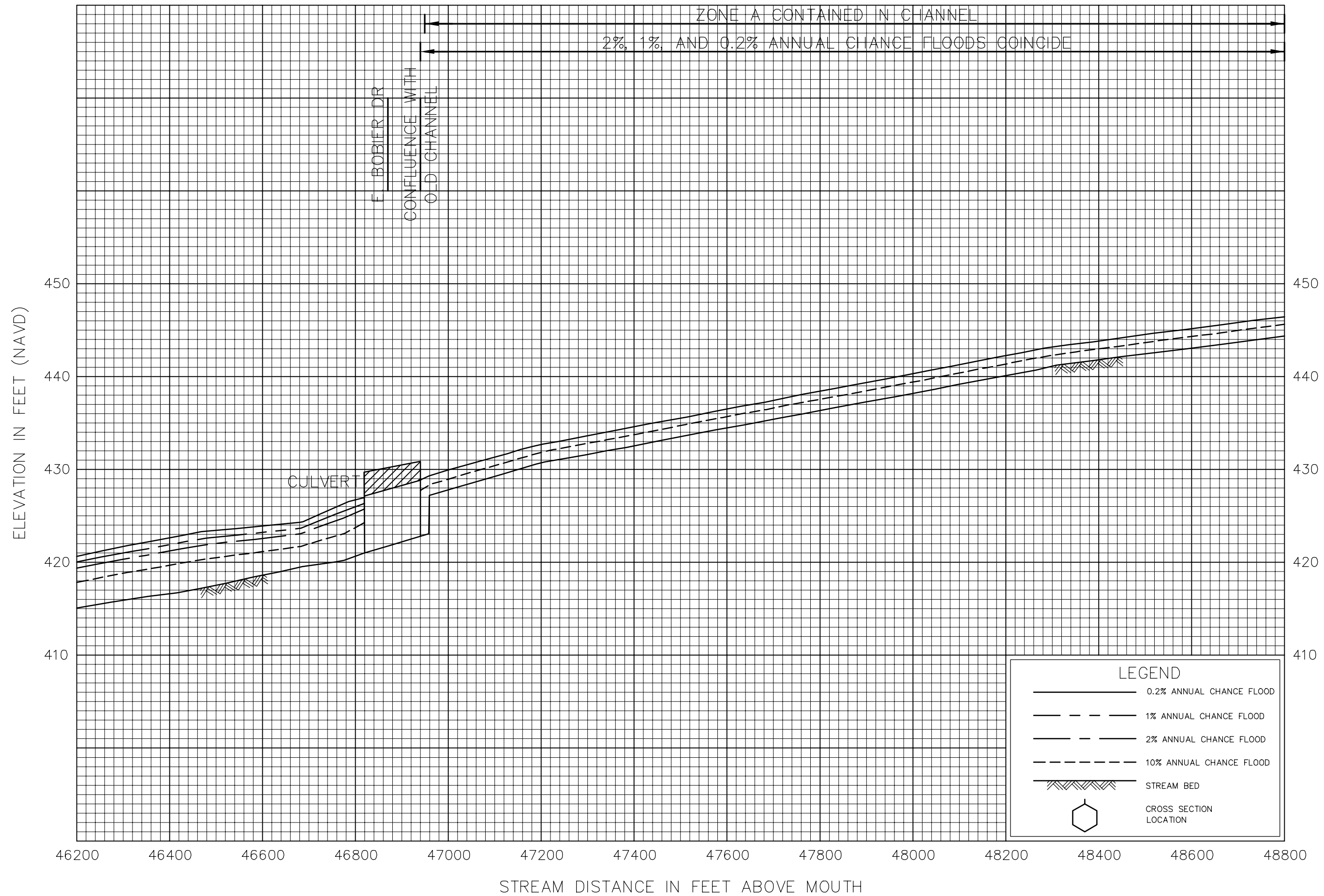
FLOOD PROFILES  
BUENA VISTA CREEK

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SAN DIEGO COUNTY, CA  
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FLOOD PROFILES  
BUENA VISTA CREEK

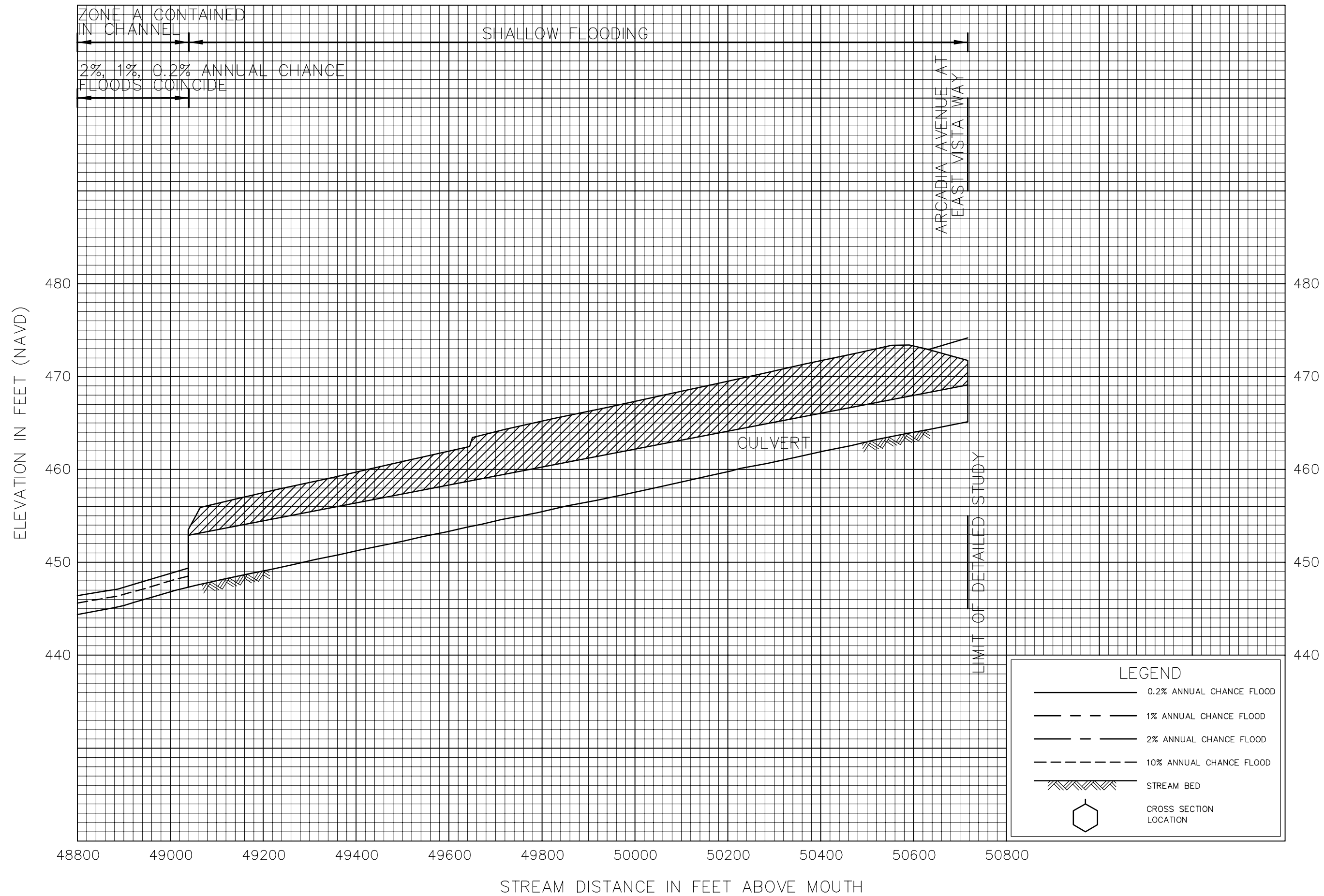
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SAN DIEGO COUNTY, CA  
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FLOOD PROFILES

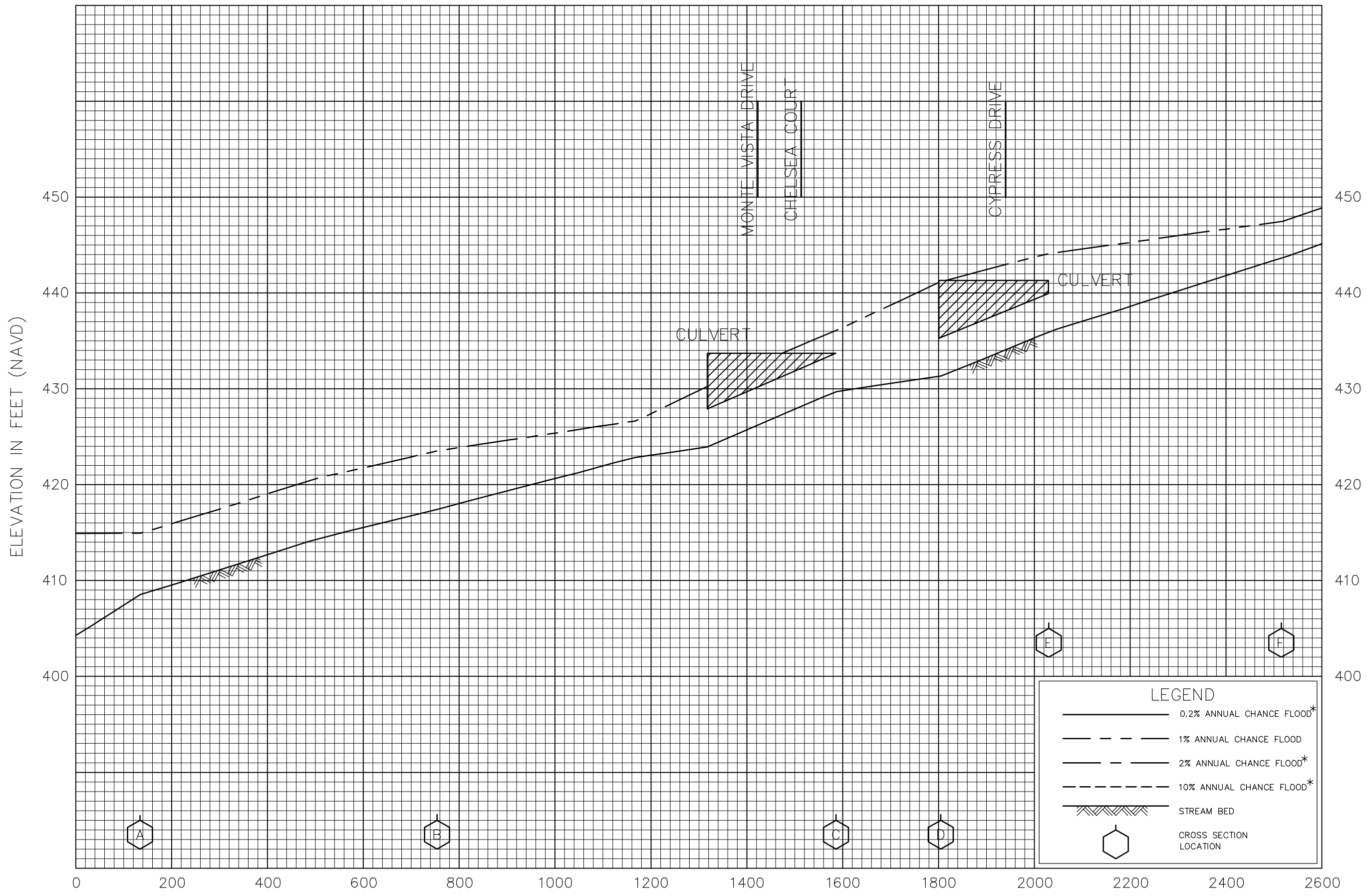
BUENA VISTA CREEK

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 SAN DIEGO COUNTY, CA  
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FLOOD PROFILES  
BUENA VISTA CREEK

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



STREAM DISTANCE IN FEET ABOVE HEADWALL OF CULVERT AT MONTE VISTA DRIVE AND SOUTH SANTA FE AVENUE

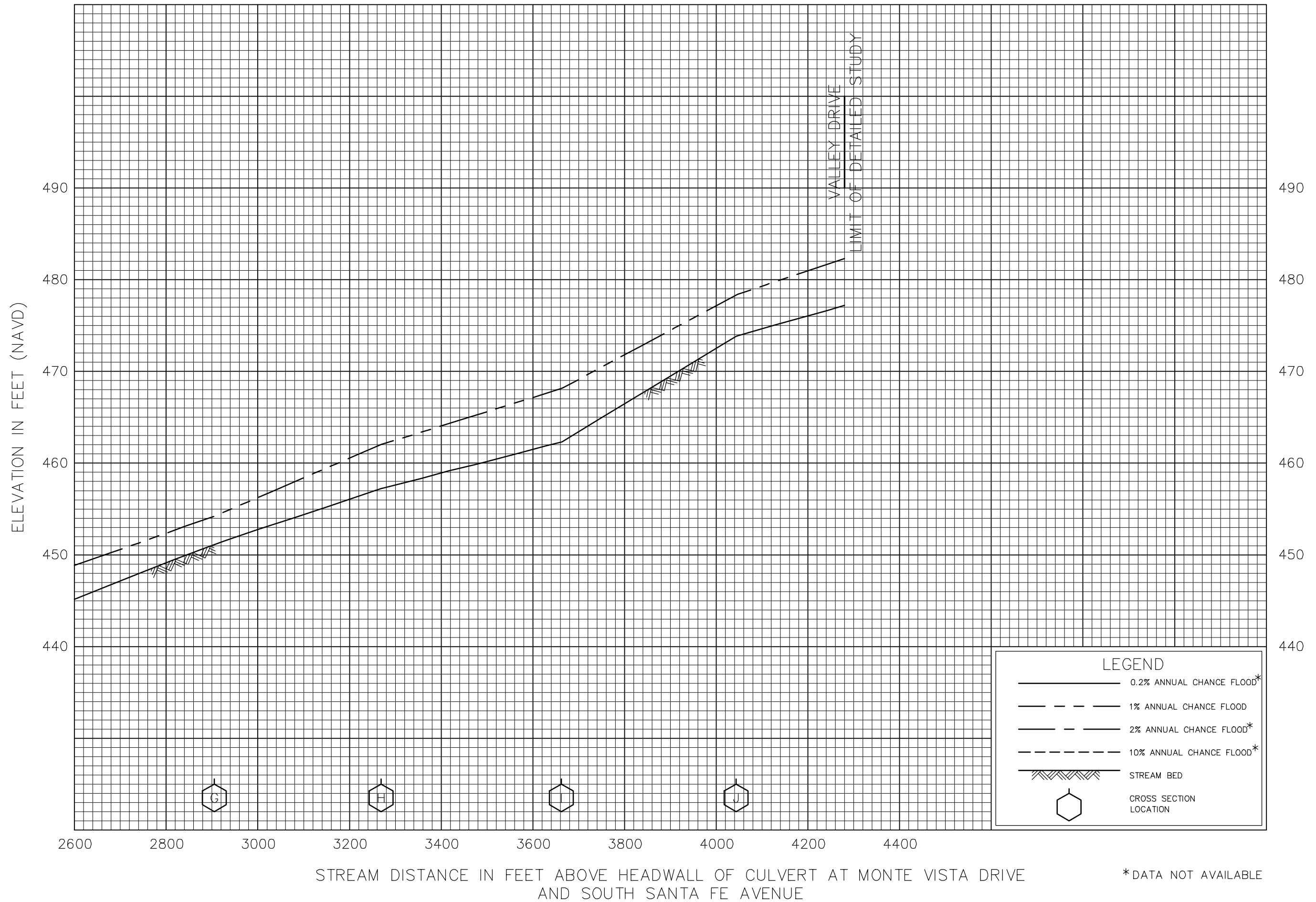
\*DATA NOT AVAILABLE

FLOOD PROFILES

BUENA VISTA CREEK TRIBUTARY 1

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



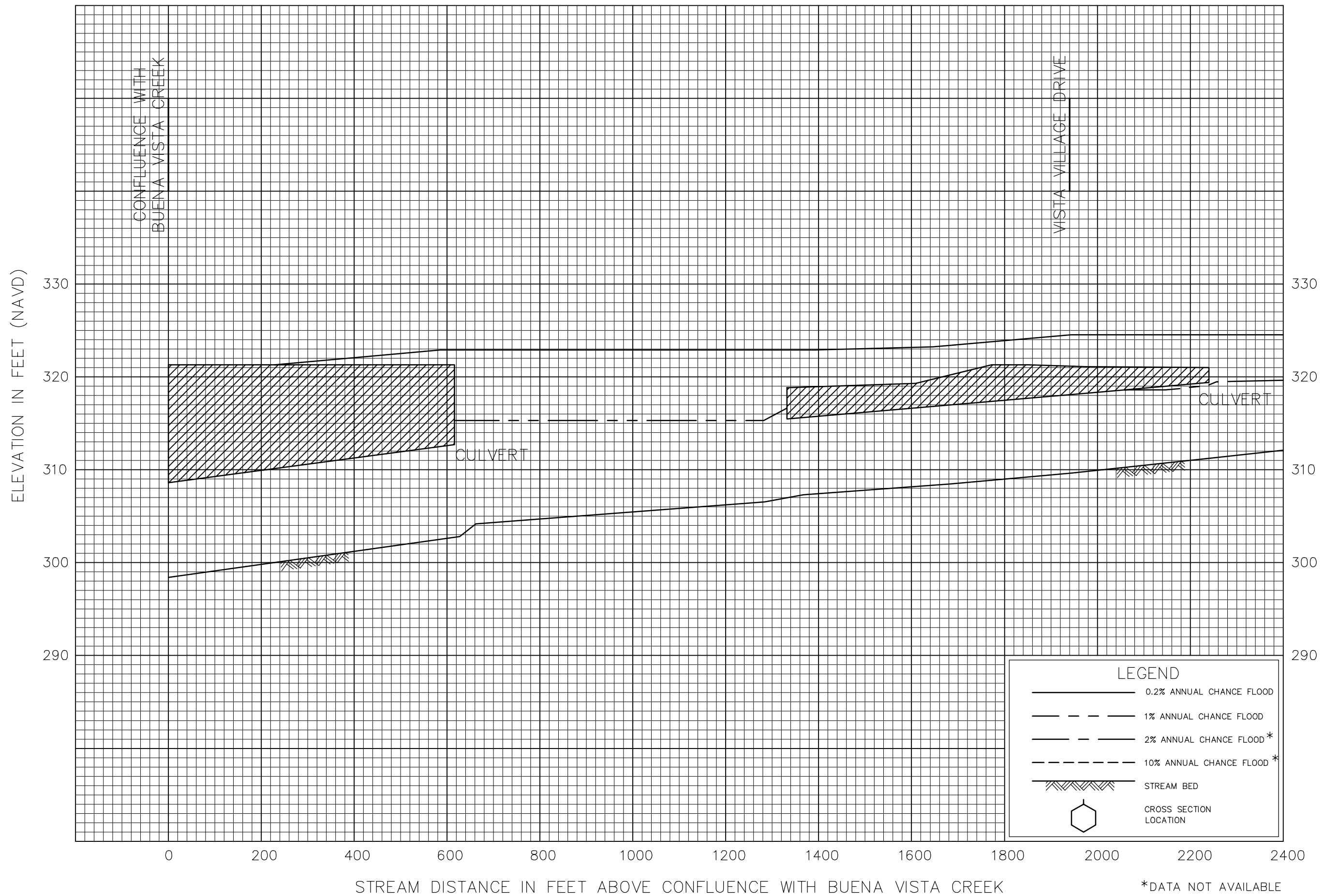


FLOOD PROFILES

BUENA VISTA CREEK TRIBUTARY 1

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

\*DATA NOT AVAILABLE



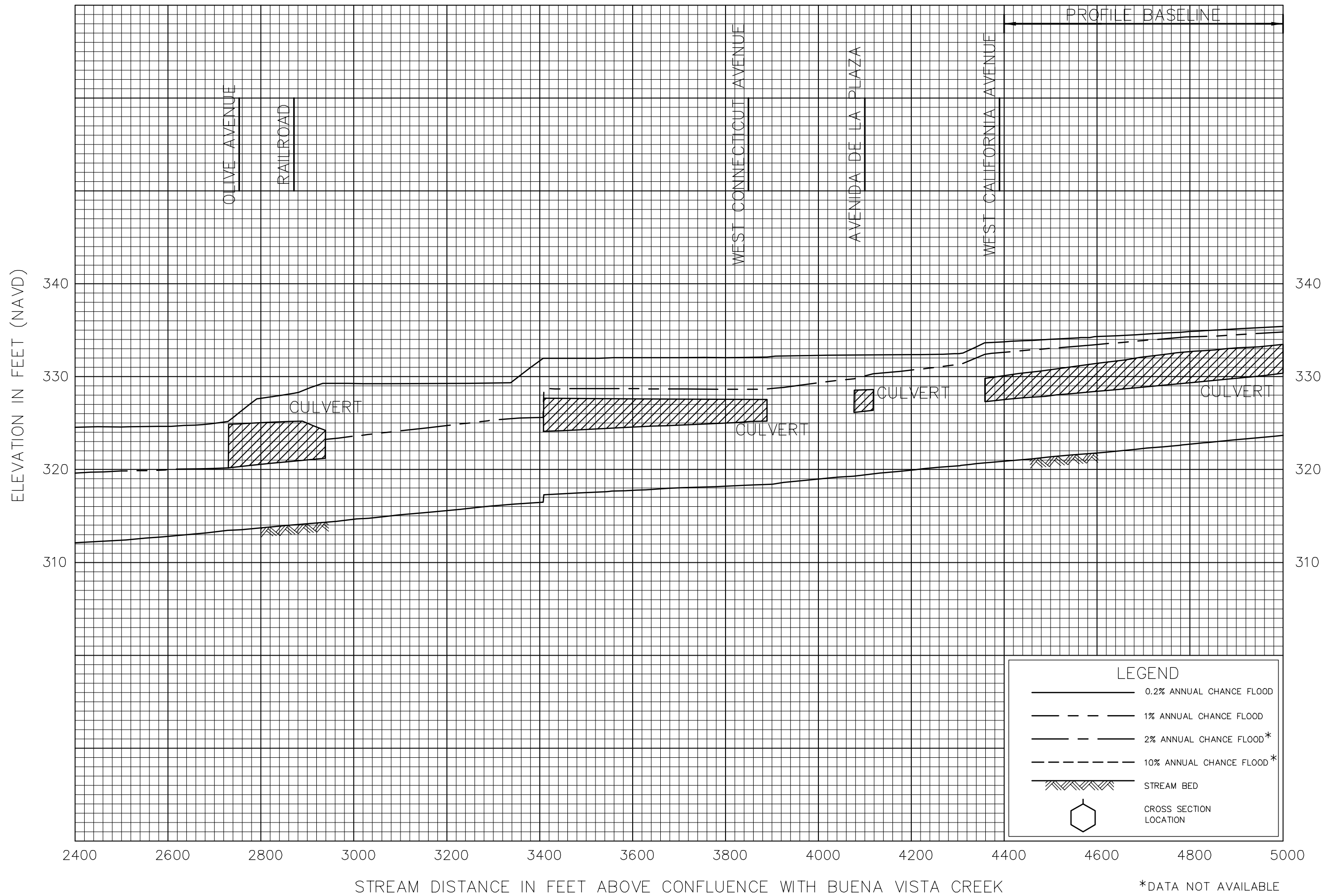
LEGEND	
	0.2% ANNUAL CHANCE FLOOD
	1% ANNUAL CHANCE FLOOD
	2% ANNUAL CHANCE FLOOD *
	10% ANNUAL CHANCE FLOOD *
	STREAM BED
	CROSS SECTION LOCATION

\*DATA NOT AVAILABLE

FLOOD PROFILES

BUENA VISTA CREEK - TRIBUTARY 3

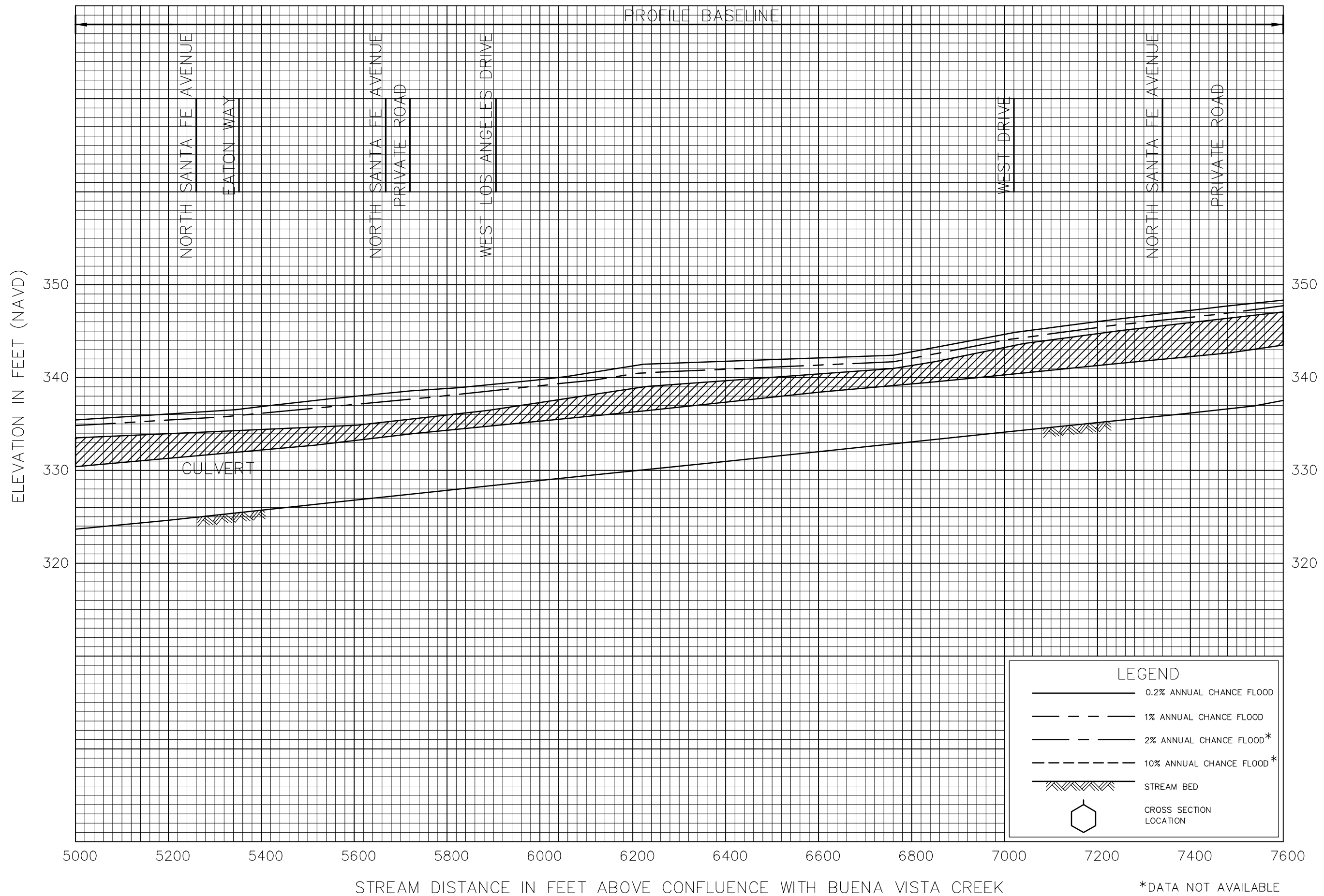
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

BUENA VISTA CREEK – TRIBUTARY 3

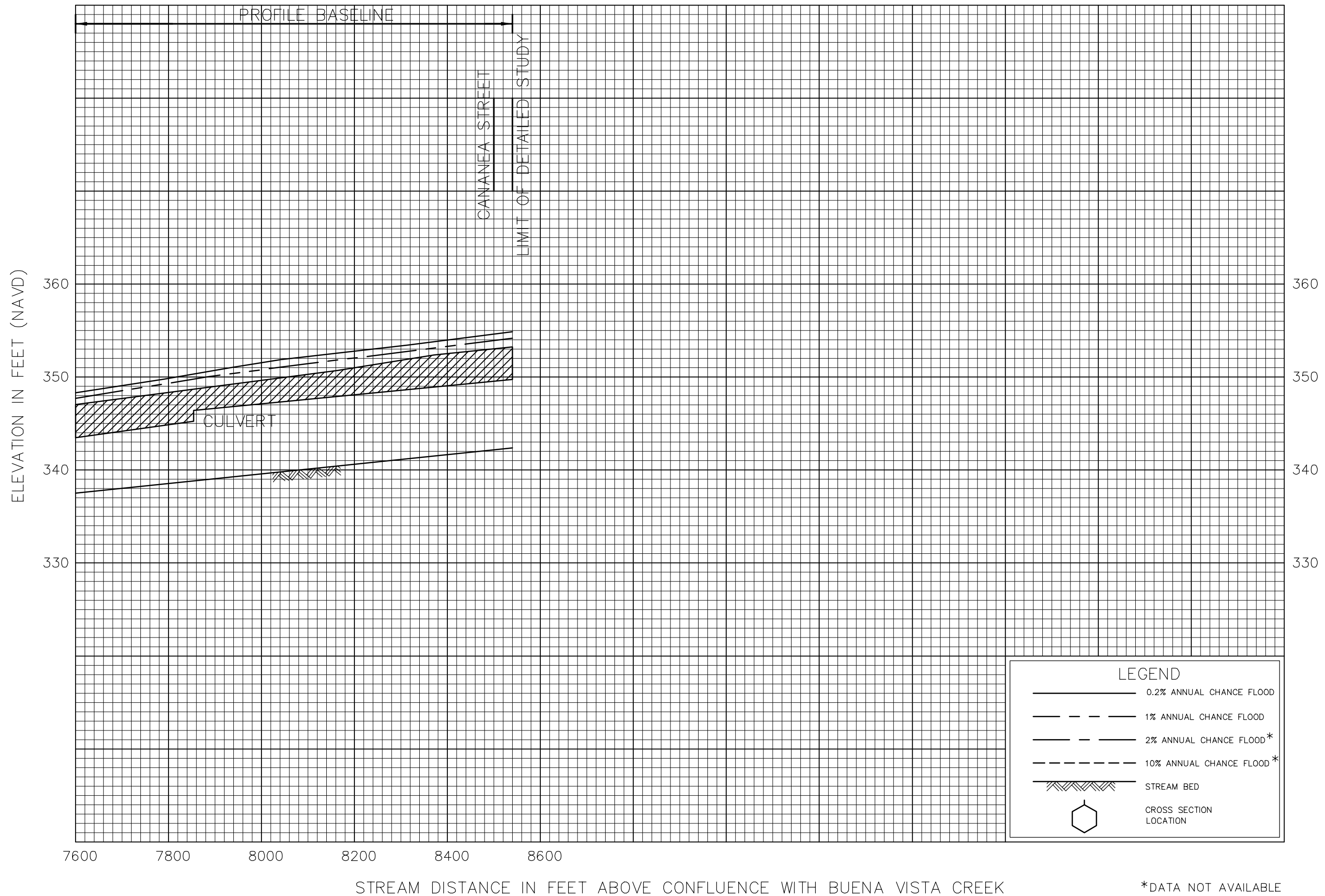
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 SAN DIEGO COUNTY, CA  
 (AND INCORPORATED AREAS)



FLOOD PROFILES

BUENA VISTA CREEK – TRIBUTARY 3

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

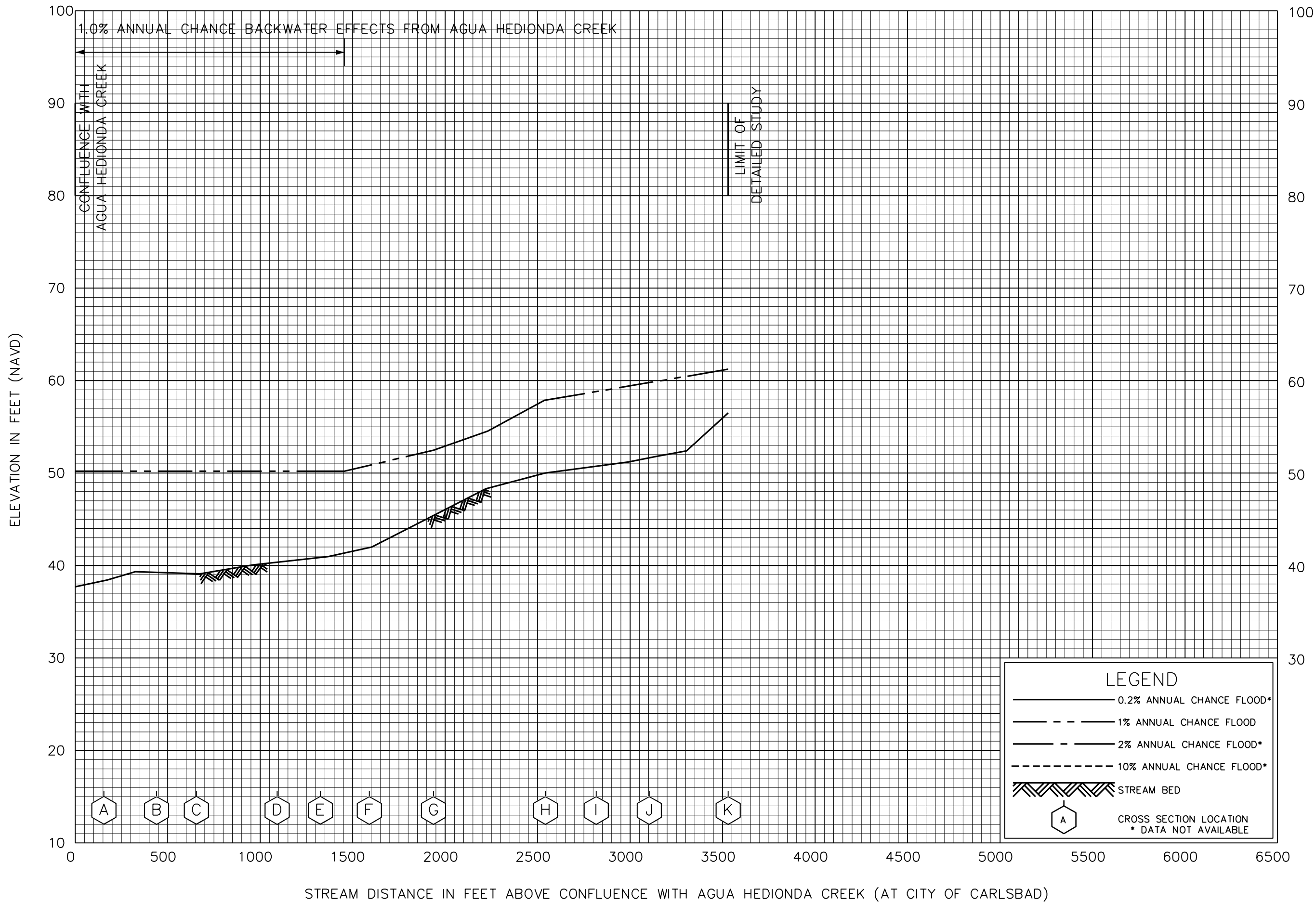


FLOOD PROFILES

BUENA VISTA CREEK - TRIBUTARY 3

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

\*DATA NOT AVAILABLE



FLOOD PROFILES

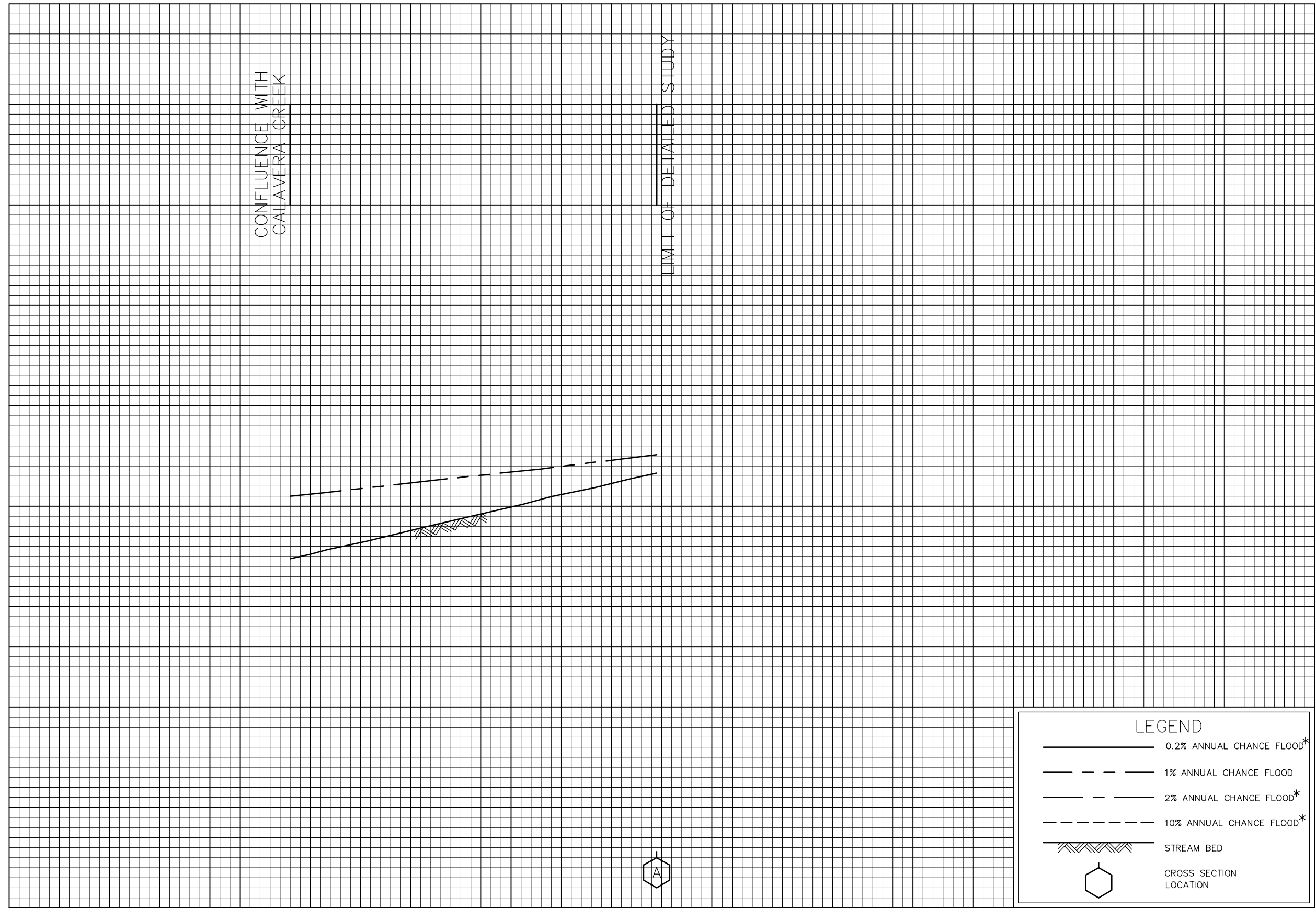
CALAVERA CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA  
(AND INCORPORATED AREAS)

ELEVATION IN FEET (NAVD)

80  
70  
60



3600 3800 4000 4200 4400 4600 4800

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH AGUA HEDIONDA CREEK  
(AT CITY OF CARLSBAD)

LEGEND

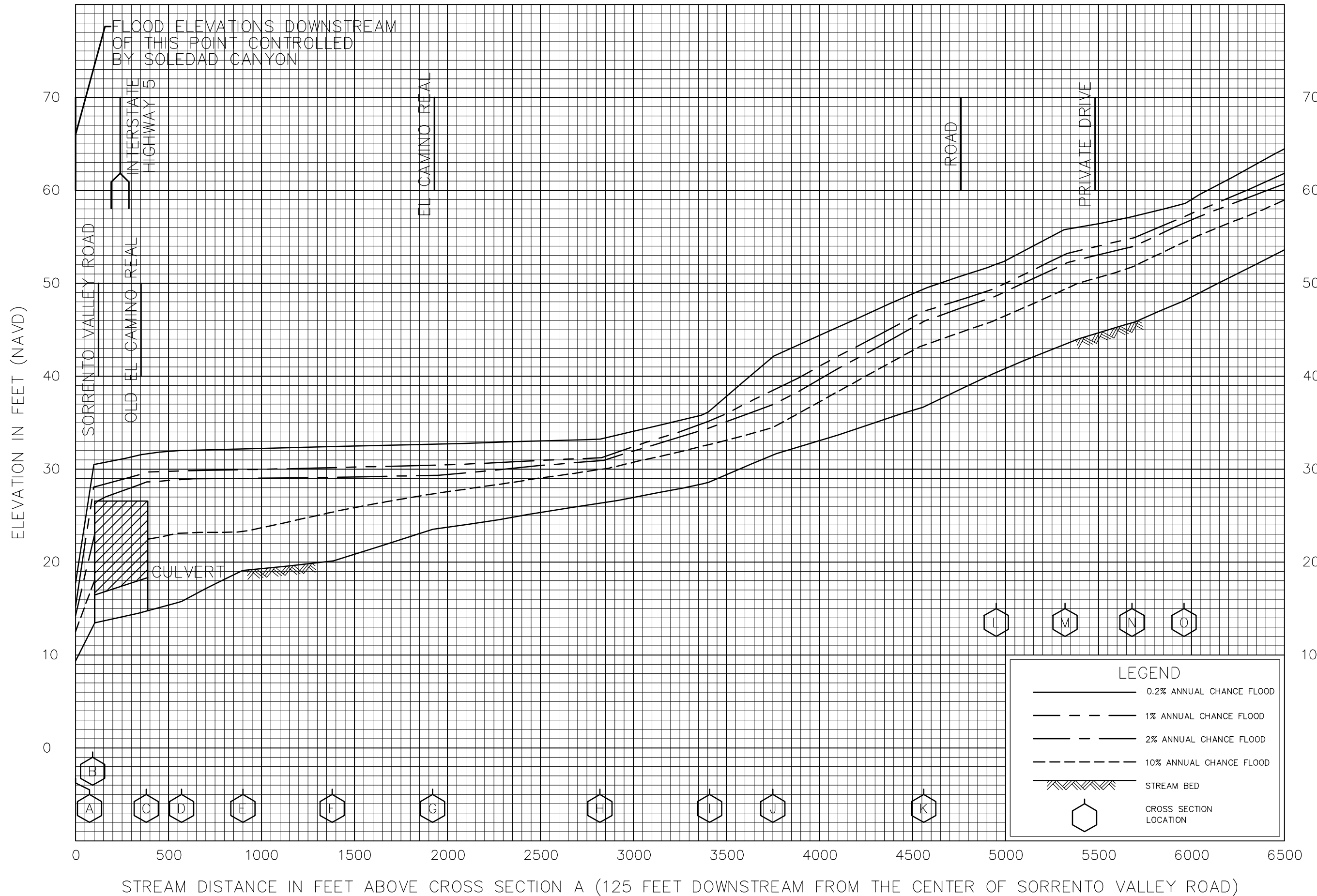
- 0.2% ANNUAL CHANCE FLOOD\*
- - - 1% ANNUAL CHANCE FLOOD
- · - 2% ANNUAL CHANCE FLOOD\*
- - - - 10% ANNUAL CHANCE FLOOD\*
- ▨ STREAM BED
- ⬡ CROSS SECTION LOCATION

\*DATA NOT AVAILABLE

FLOOD PROFILES

CALAVERA CREEK SPLIT FLOW

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

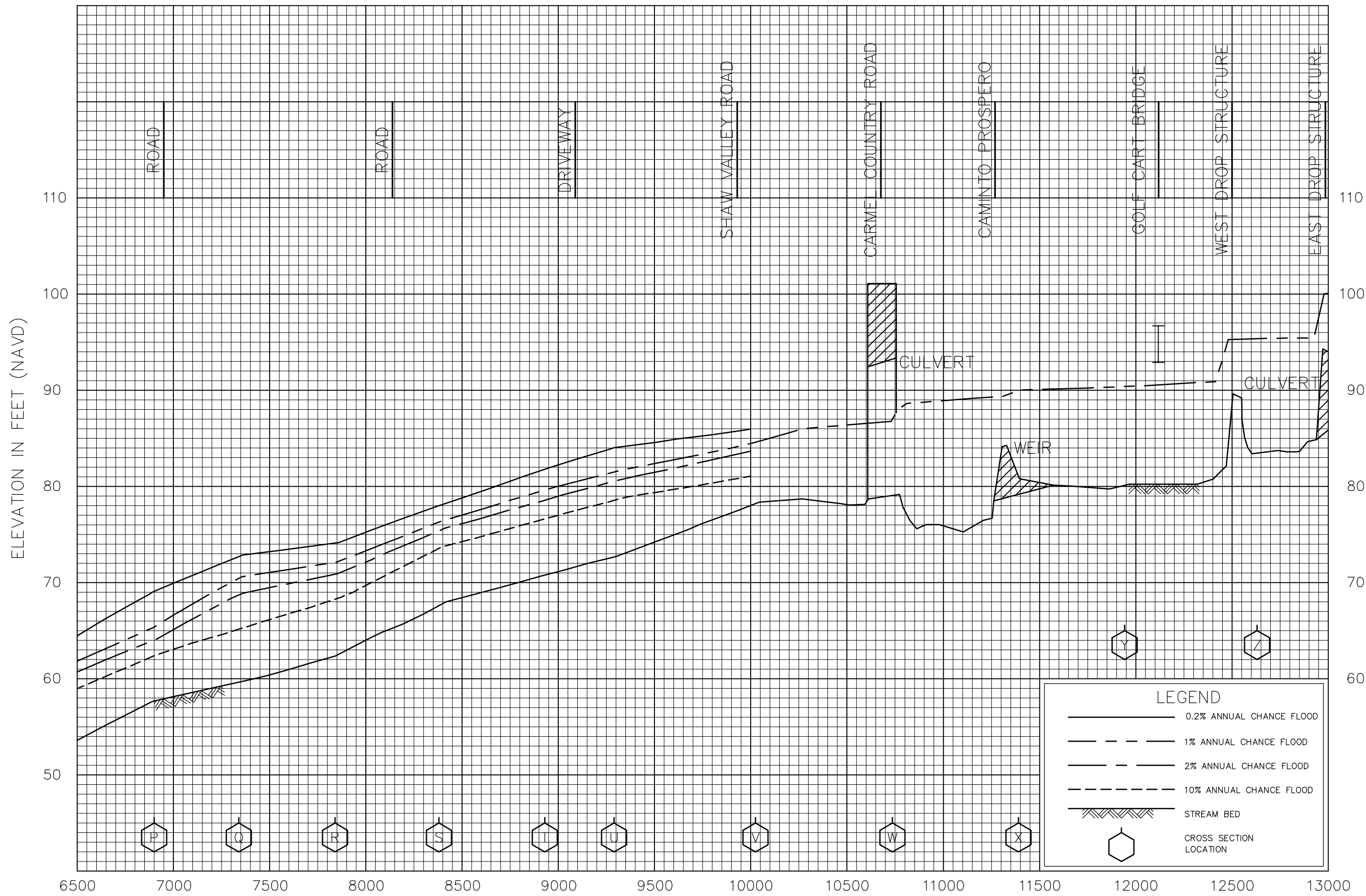


FLOOD PROFILES

CARMEL VALLEY CREEK

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





STREAM DISTANCE IN FEET ABOVE CROSS SECTION A (125 FEET DOWNSTREAM FROM THE CENTER OF SORRENTO VALLEY ROAD)

FLOOD PROFILES

CARMEL VALLEY CREEK

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





STREAM DISTANCE IN FEET ABOVE CROSS SECTION A (125 DOWNSTREAM FROM THE CENTER OF SORRENTO VALLEY ROAD)

\* DATA NOT AVAILABLE