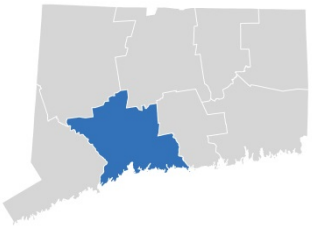
FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 9 OF 9



NEW HAVEN COUNTY, CONNECTICUT

(ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER
CITY OF ANSONIA	090071
TOWN OF BEACON FALLS	090072
TOWN OF BETHANY	090144
TOWN OF BRANFORD	090073
TOWN OF CHESHIRE	090074
CITY OF DERBY	090075
TOWN OF EAST HAVEN	090076
TOWN OF GUILFORD	090077
TOWN OF HAMDEN	090078
TOWN OF MADISON	090079
CITY OF MERIDEN	090081
TOWN OF MIDDLEBURY	090080
CITY OF MILFORD	090082
BOROUGH OF NAUGATUCK	090137
CITY OF NEW HAVEN	090084
TOWN OF NORTH BRANFORD	090085
TOWN OF NORTH HAVEN	090086
TOWN OF ORANGE	090087
TOWN OF OXFORD	090150
TOWN OF PROSPECT	090151
TOWN OF SEYMOUR	090088
TOWN OF SOUTHBURY	090089
TOWN OF WALLINGFORD	090090
CITY OF WATERBURY	090091
CITY OF WEST HAVEN	090092
TOWN OF WOLCOTT	090093
TOWN OF WOODBRIDGE	090153
BOROUGH OF WOODMONT	090168

PRELIMINARY:

AUGUST 10, 2015

FLOOD INSURANCE STUDY NUMBER
09009CV009D

Version Number 2.3.3.2

FEMA

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Published Separately

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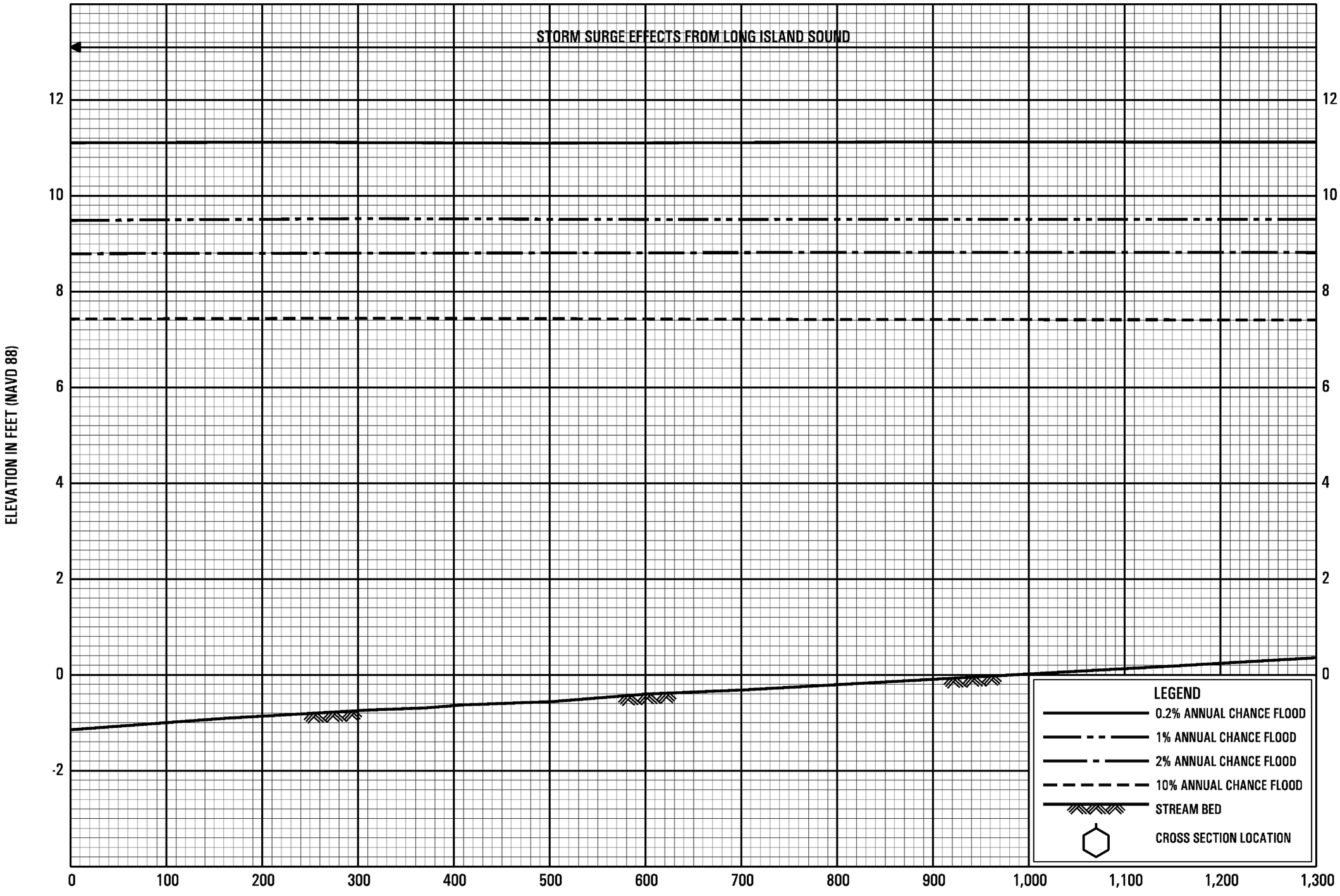


FLOOD PROFILES

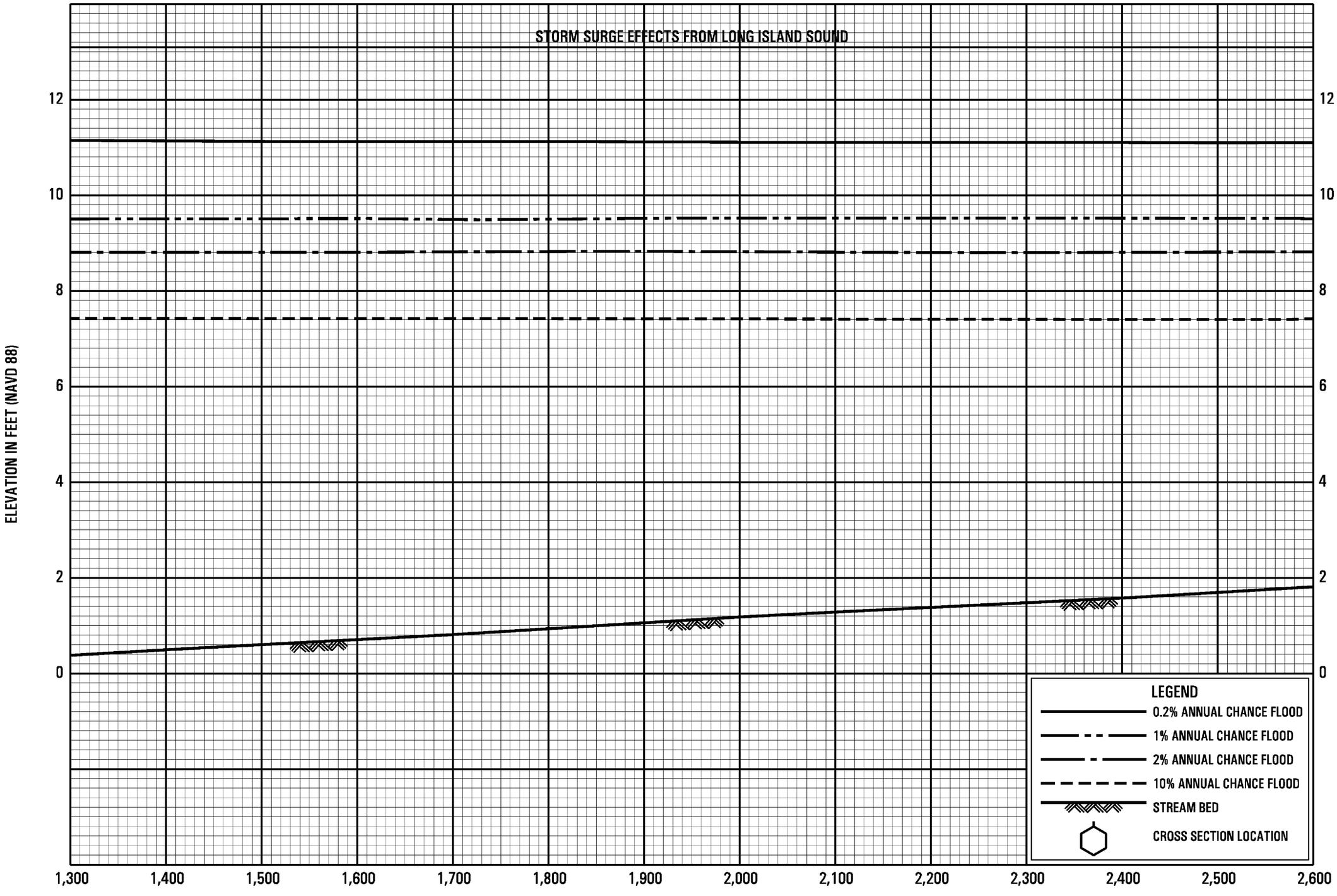
STUBBY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

390P



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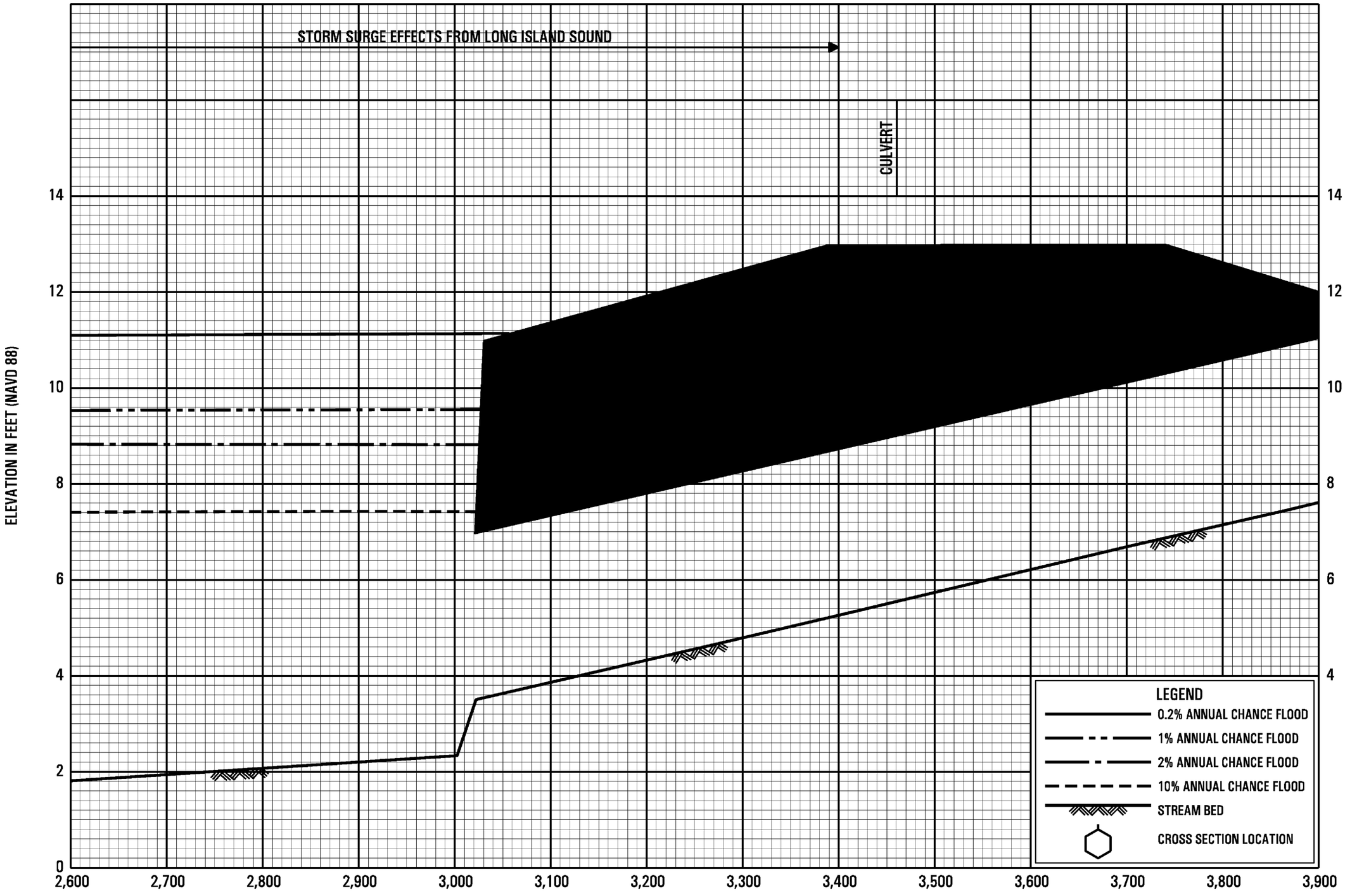

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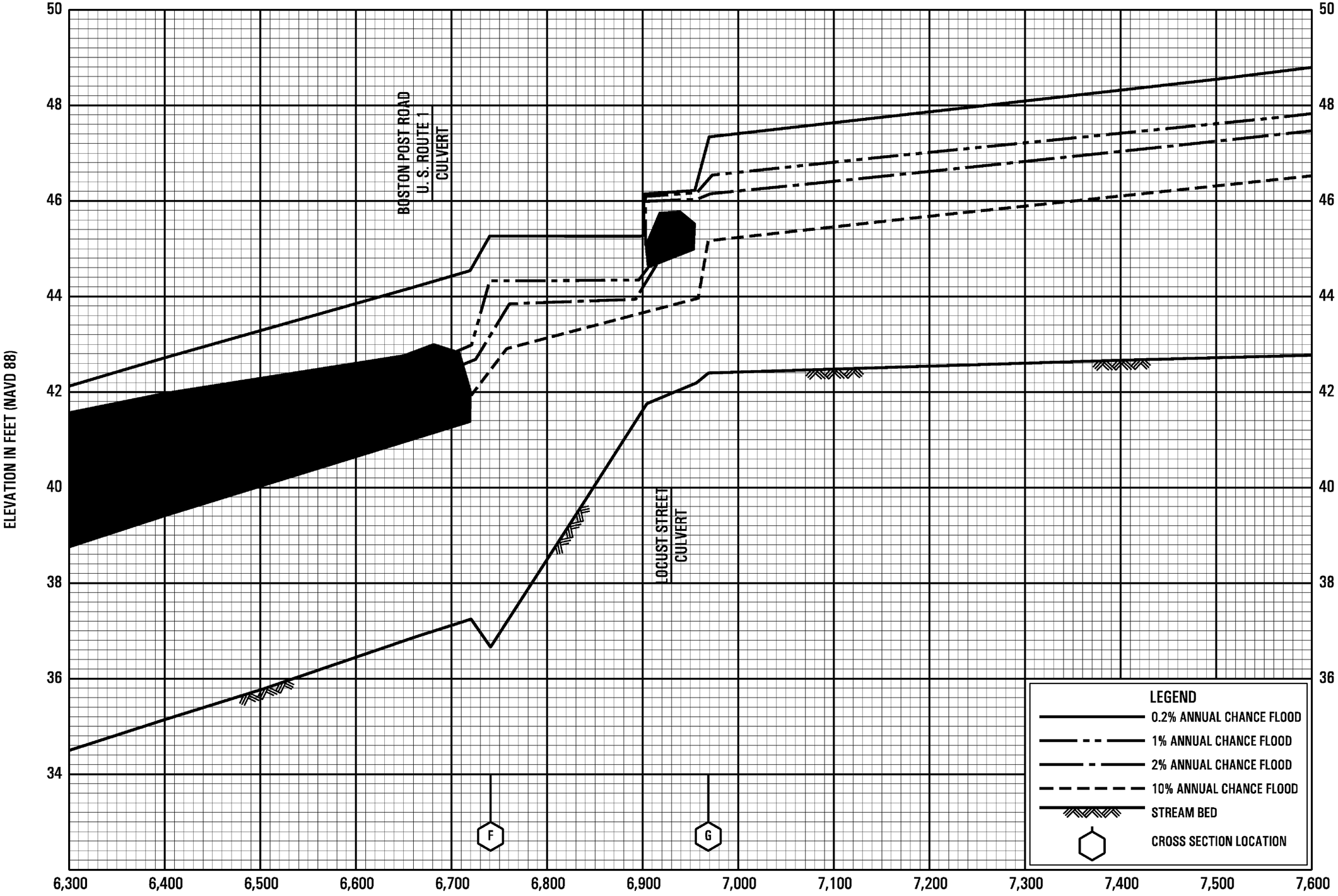

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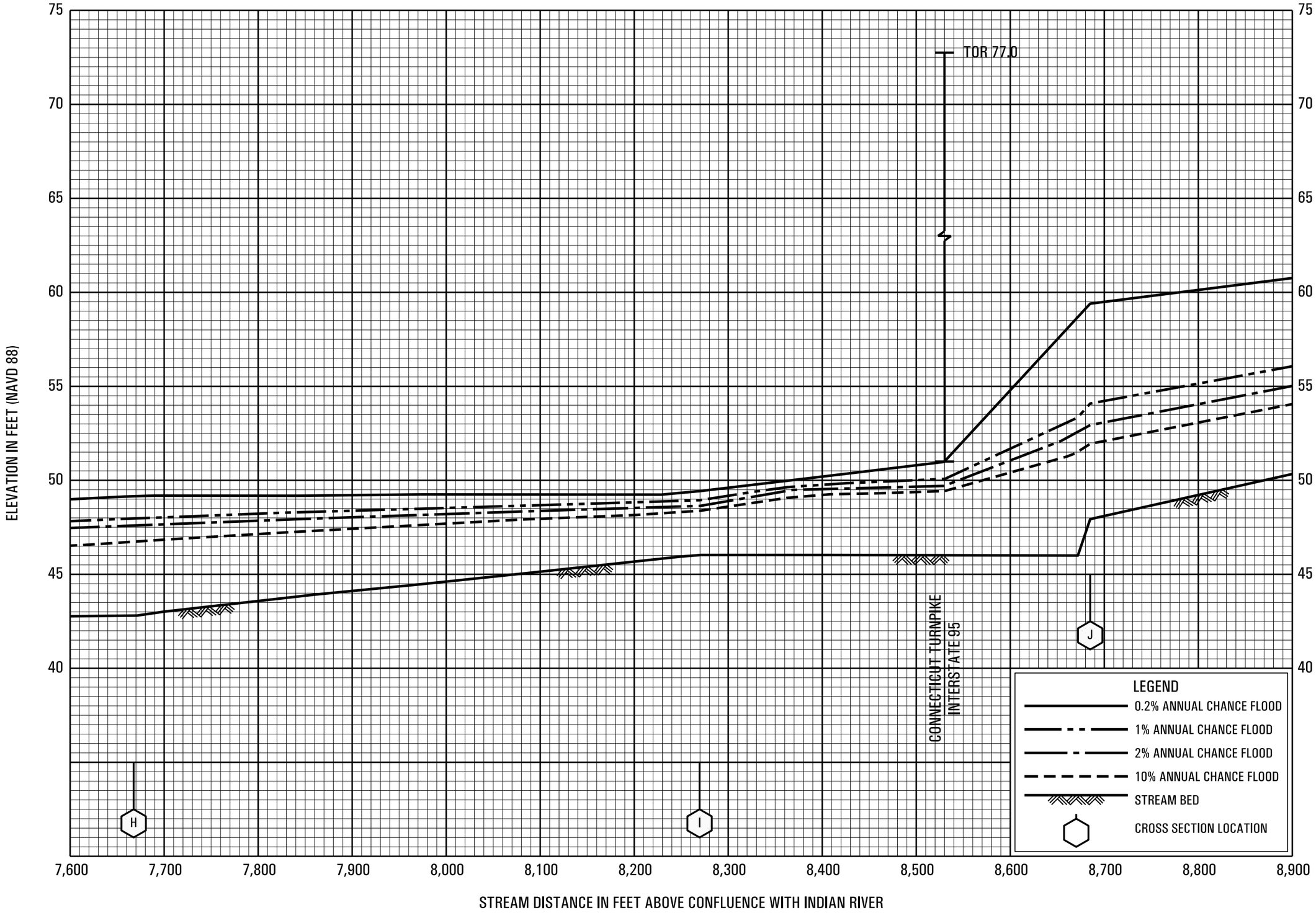

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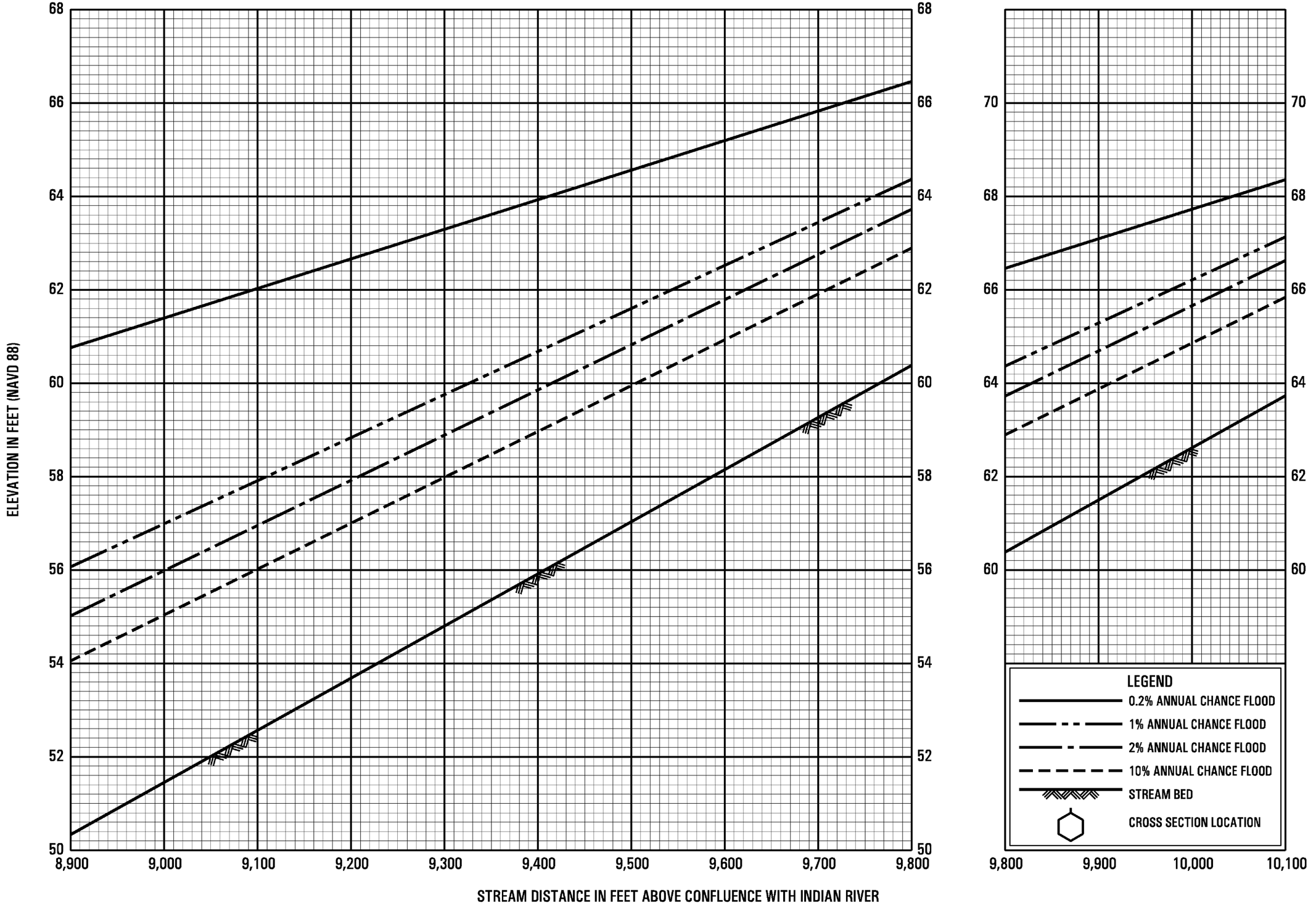

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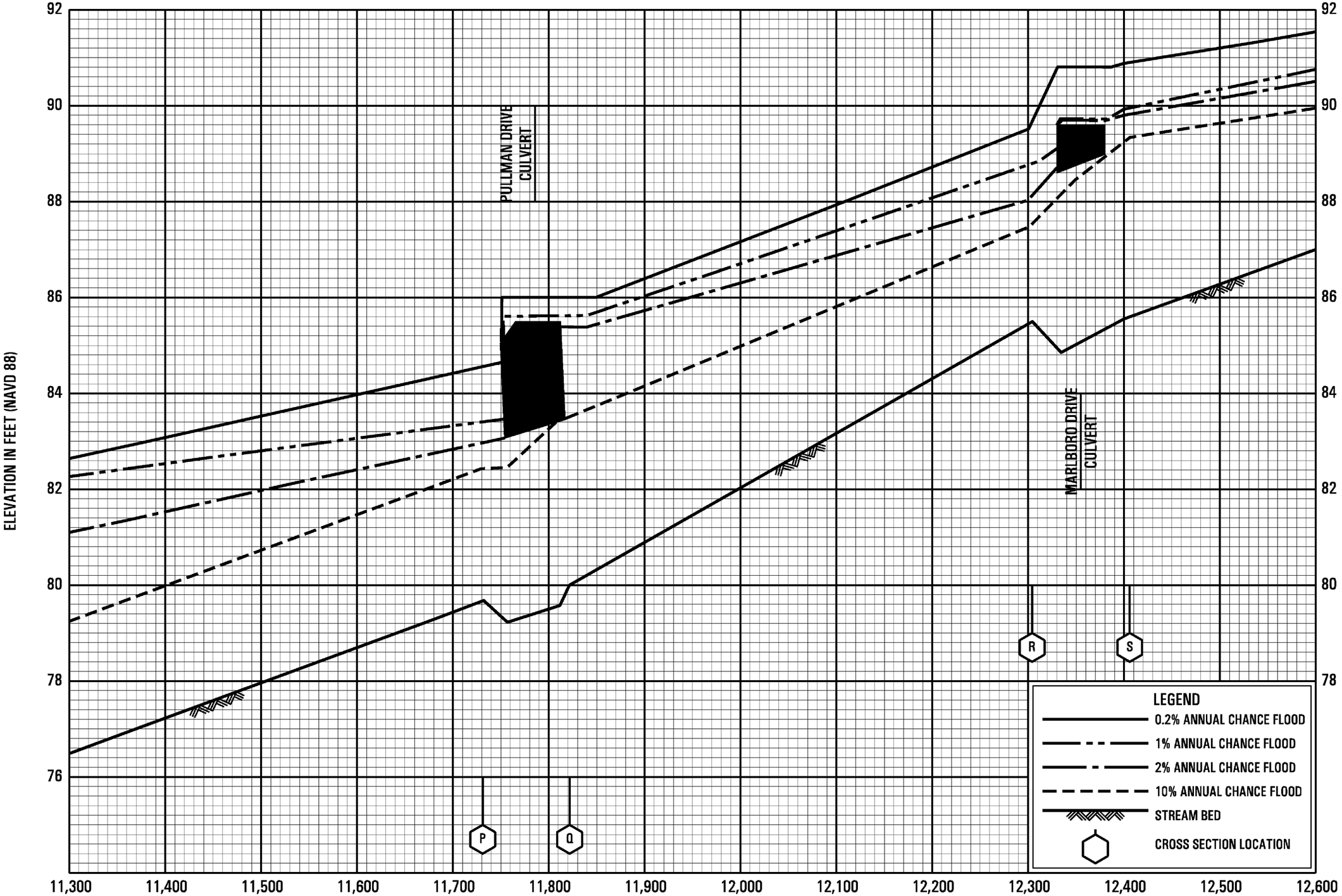

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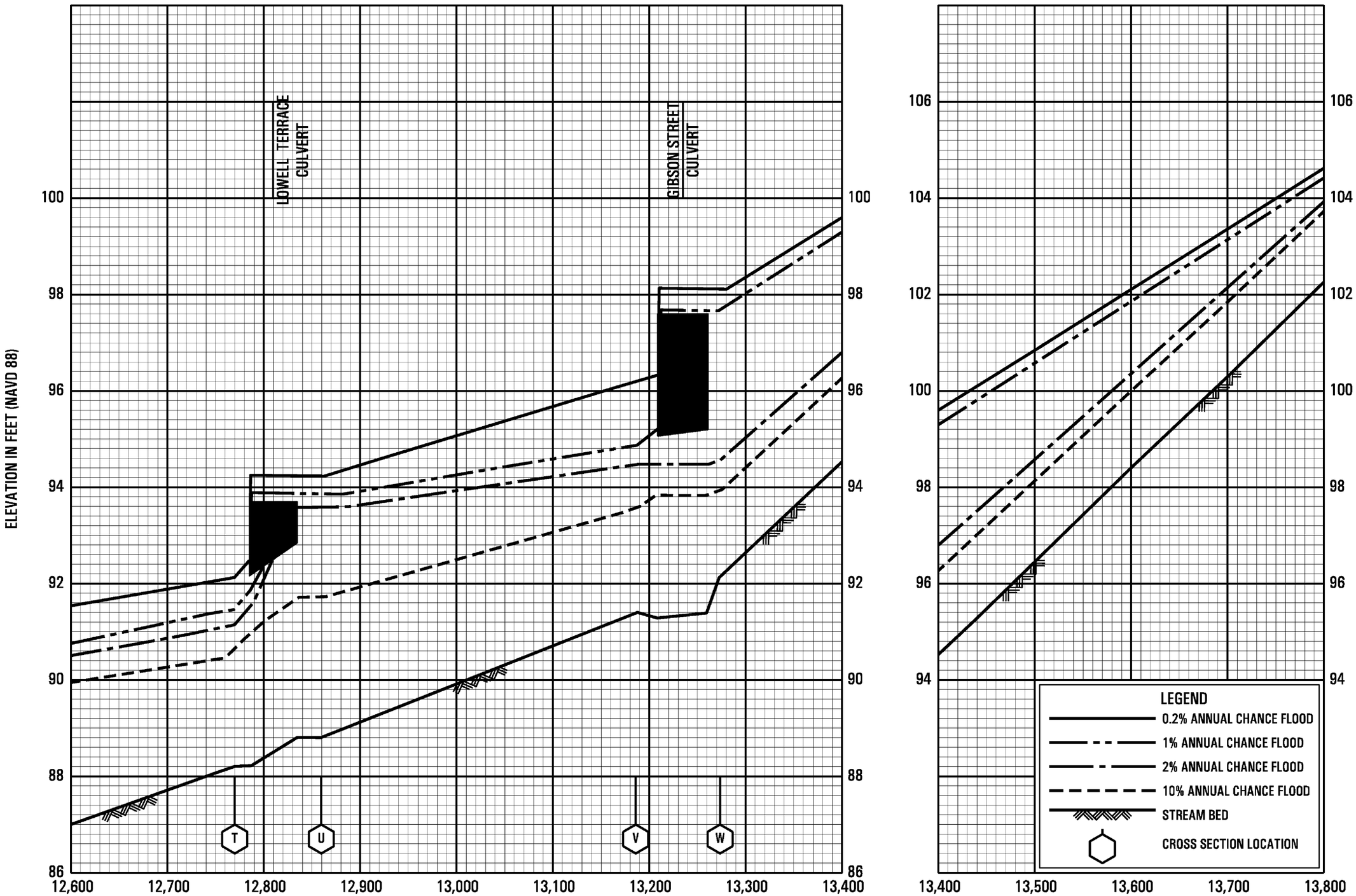

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(ALL JURISDICTIONS)

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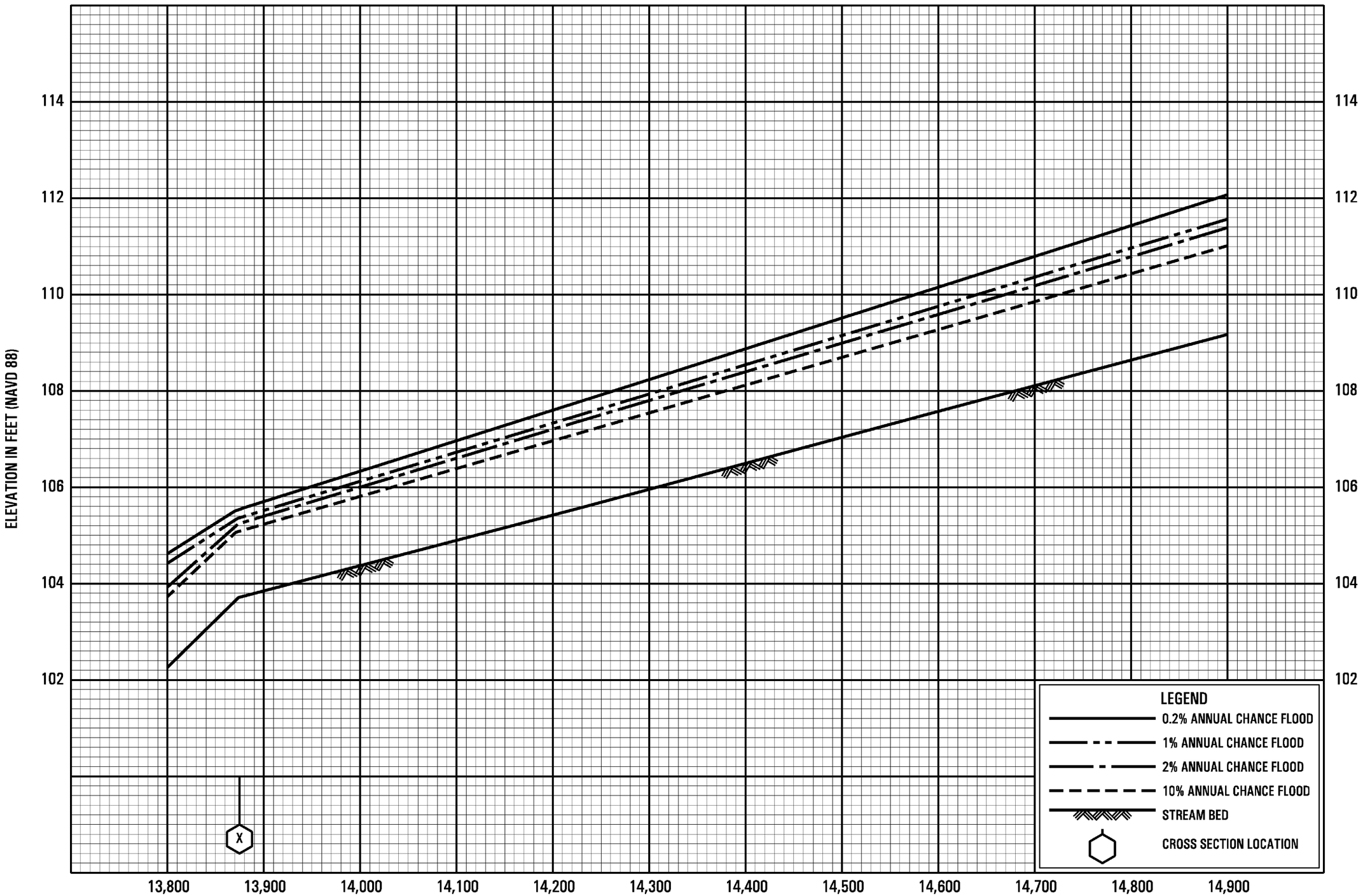

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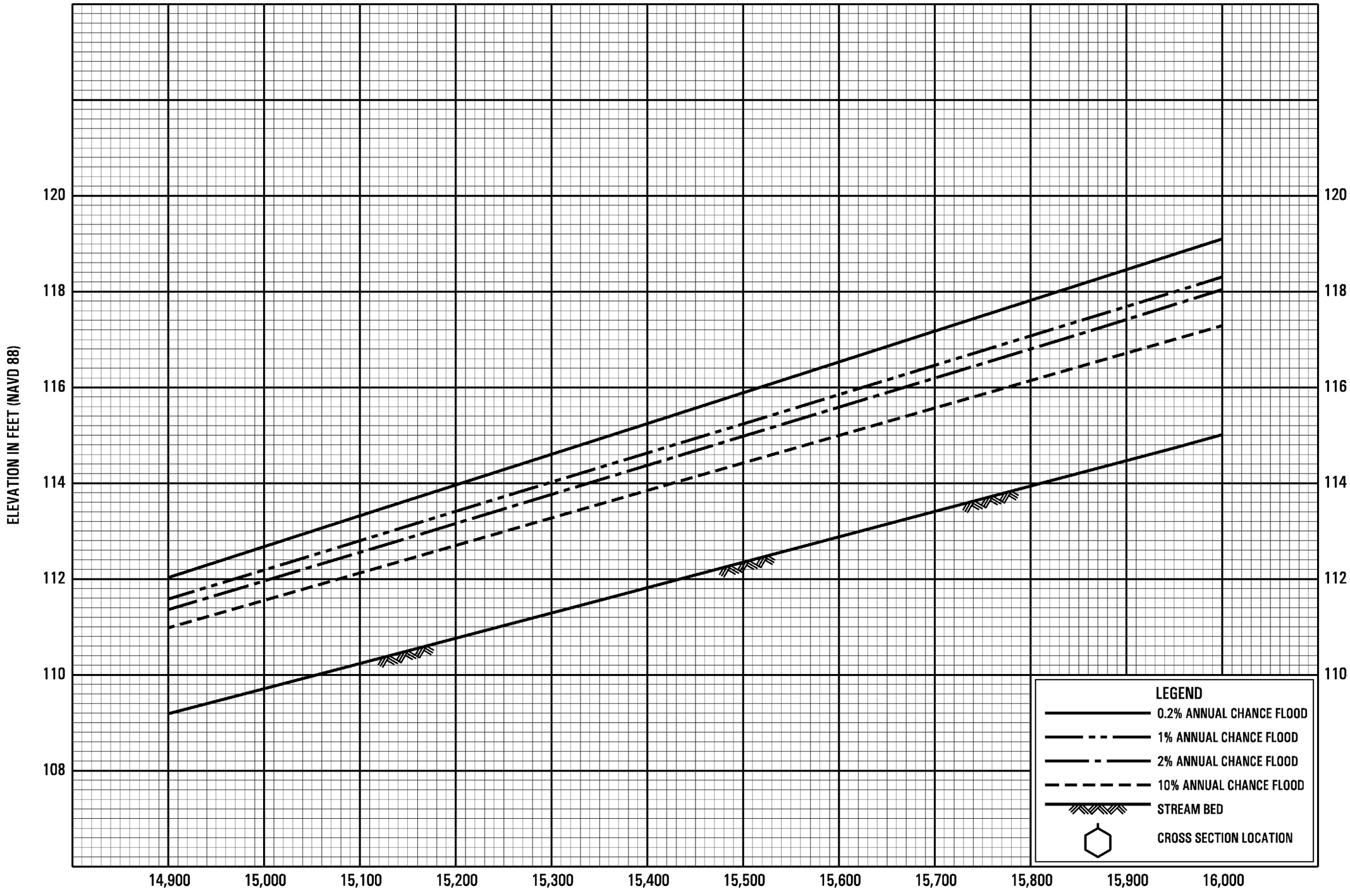


FLOOD PROFILES

STUBBY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

CHERYL ANN DRIVE CULVERT

WOODRUFF ROAD CULVERT

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD 88)

126
124
122
120
118
116
114

16,000 16,100 16,200 16,300 16,400 16,500 16,600 16,700 16,800 16,900

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH INDIAN RIVER

Y Z AA

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

STUBBY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

403P

FLOOD PROFILES

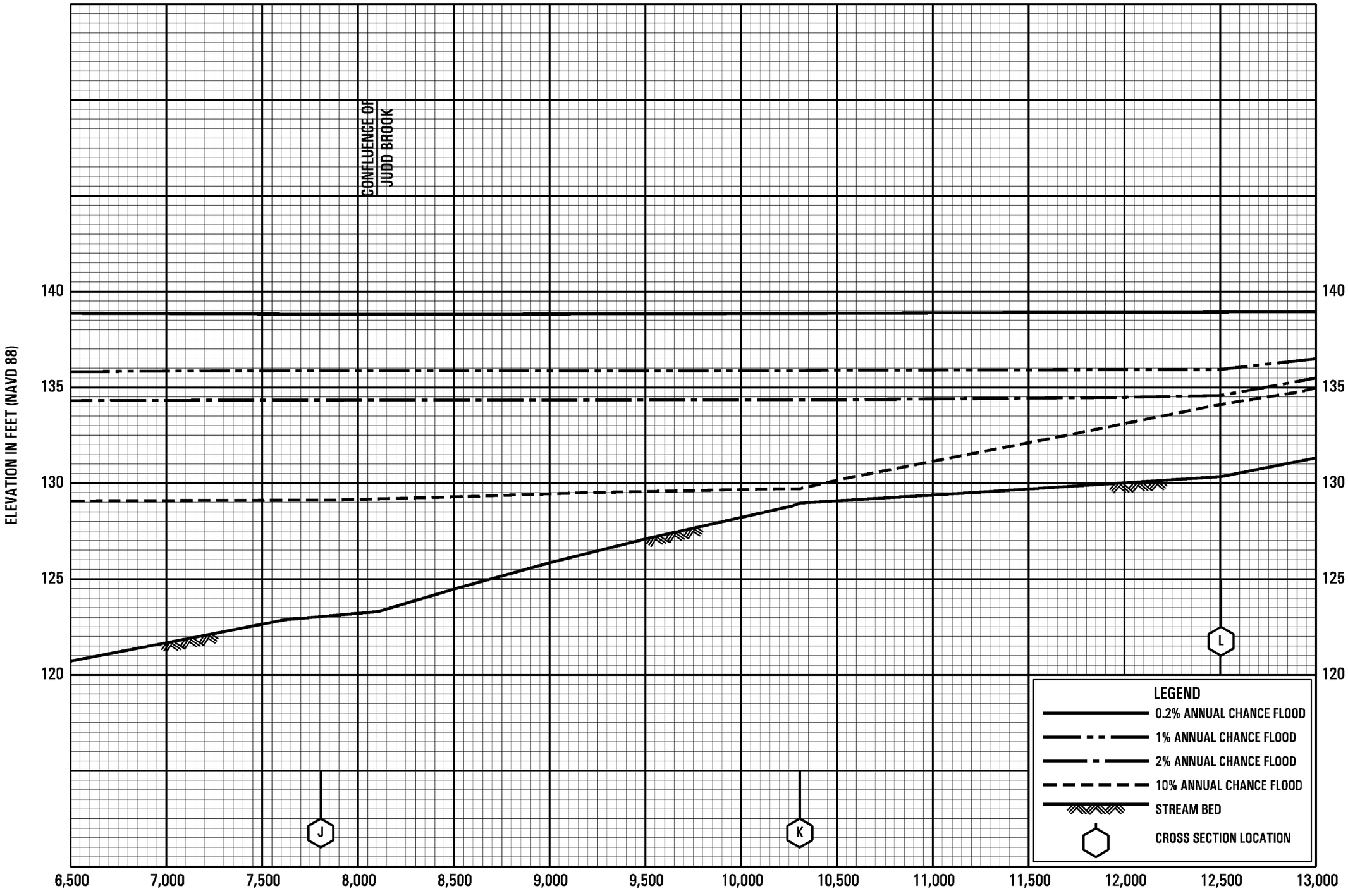
TENMILE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

404P



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TENMILE RIVER

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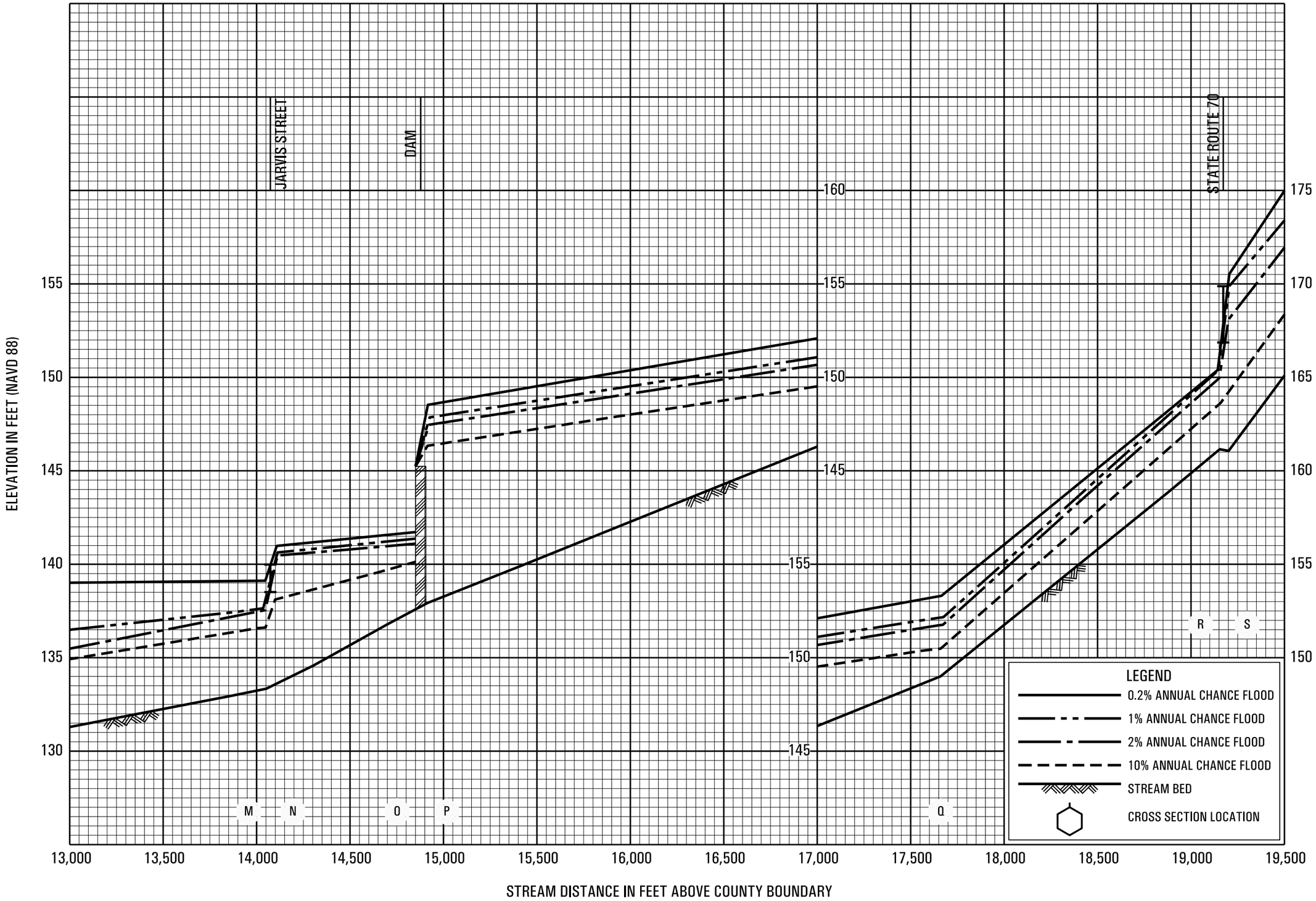
NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

TENMILE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

406P

FLOOD PROFILES

TENMILE RIVER

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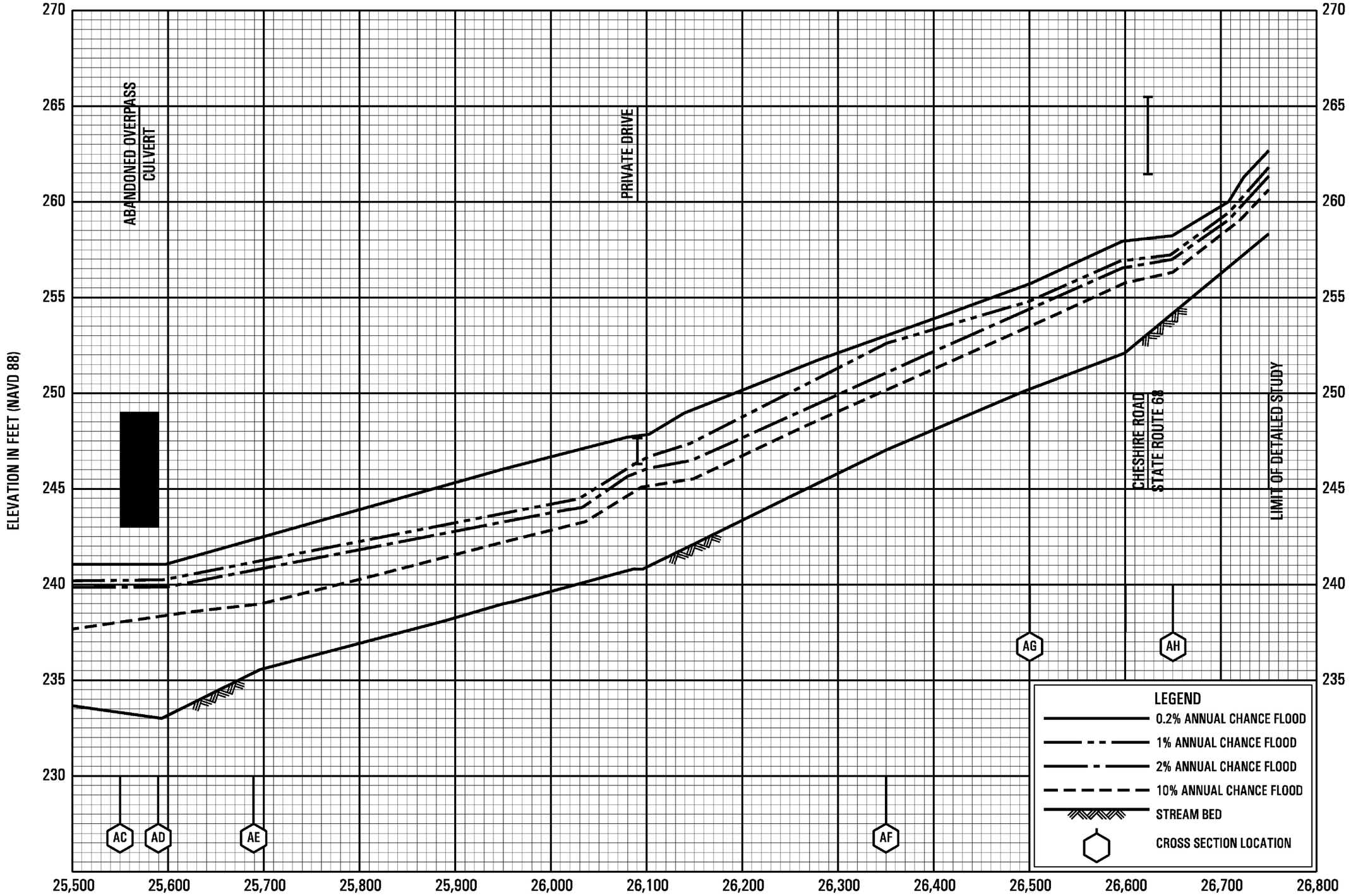
NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

407P



FLOOD PROFILES

TENMILE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

TUMBLE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

409P

FLOOD PROFILES

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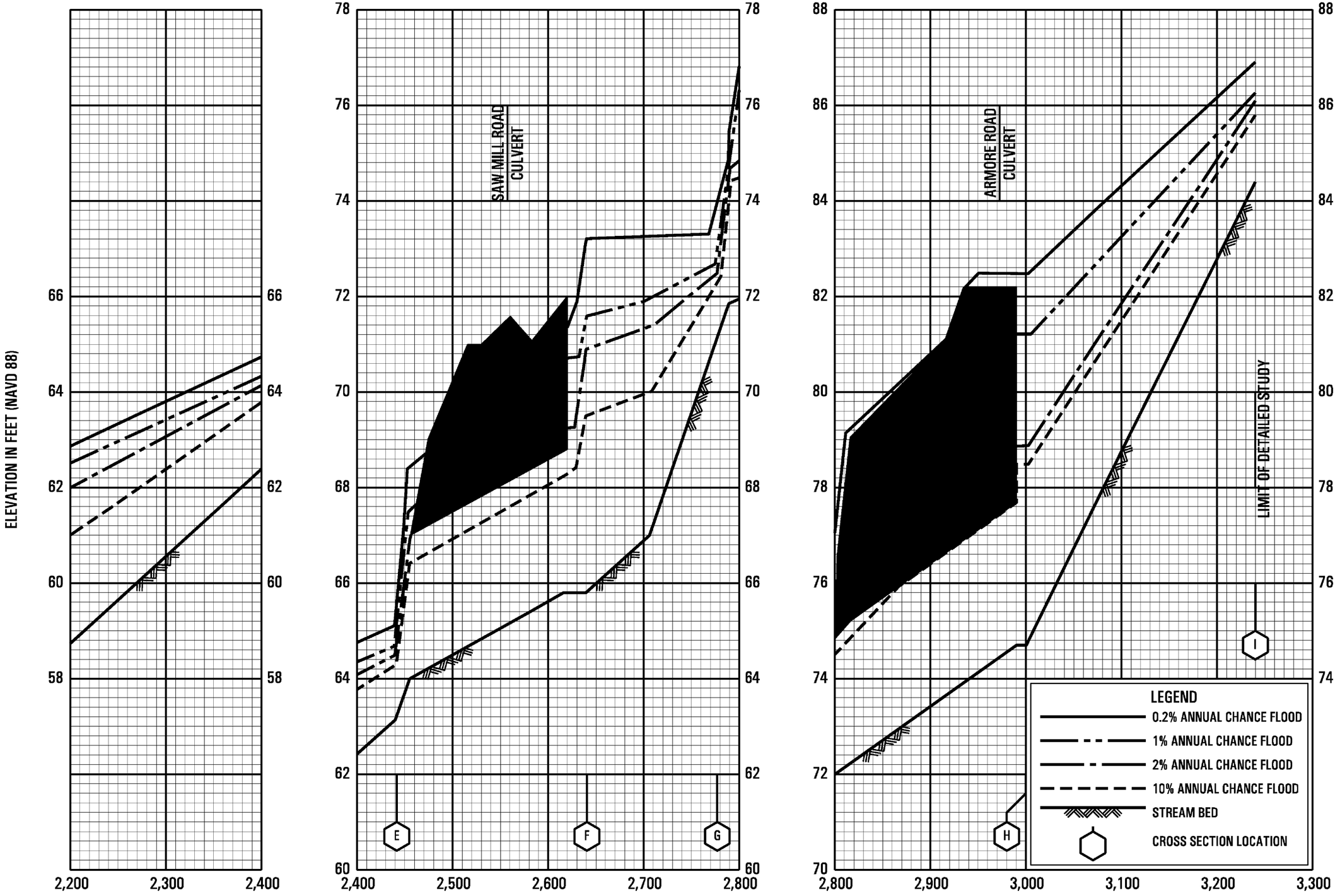

FLOOD PROFILES

TUMBLE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

STORM SURGE EFFECTS FROM LONG ISLAND SOUND

DODGE AVENUE

FLOODING DOWNSTREAM OF THIS POINT, CONTROLLED BY LONG ISLAND SOUND

FOREST STREET CULVERT

BURR STREET CULVERT

OVERBROOK SCHOOL CULVERT

MAIN STREET CULVERT

CIRCLE LANES PARKING LOT CULVERT

INTERSTATE 95 CULVERT

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD 88)

20
15
10
5
0
-5
-10

0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000
5,500
6,000

STREAM DISTANCE IN FEET ABOVE DODGE AVENUE

A B C D E F G H I J K L M N

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

TUTTLE BROOK

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NEW HAVEN COUNTY, CT

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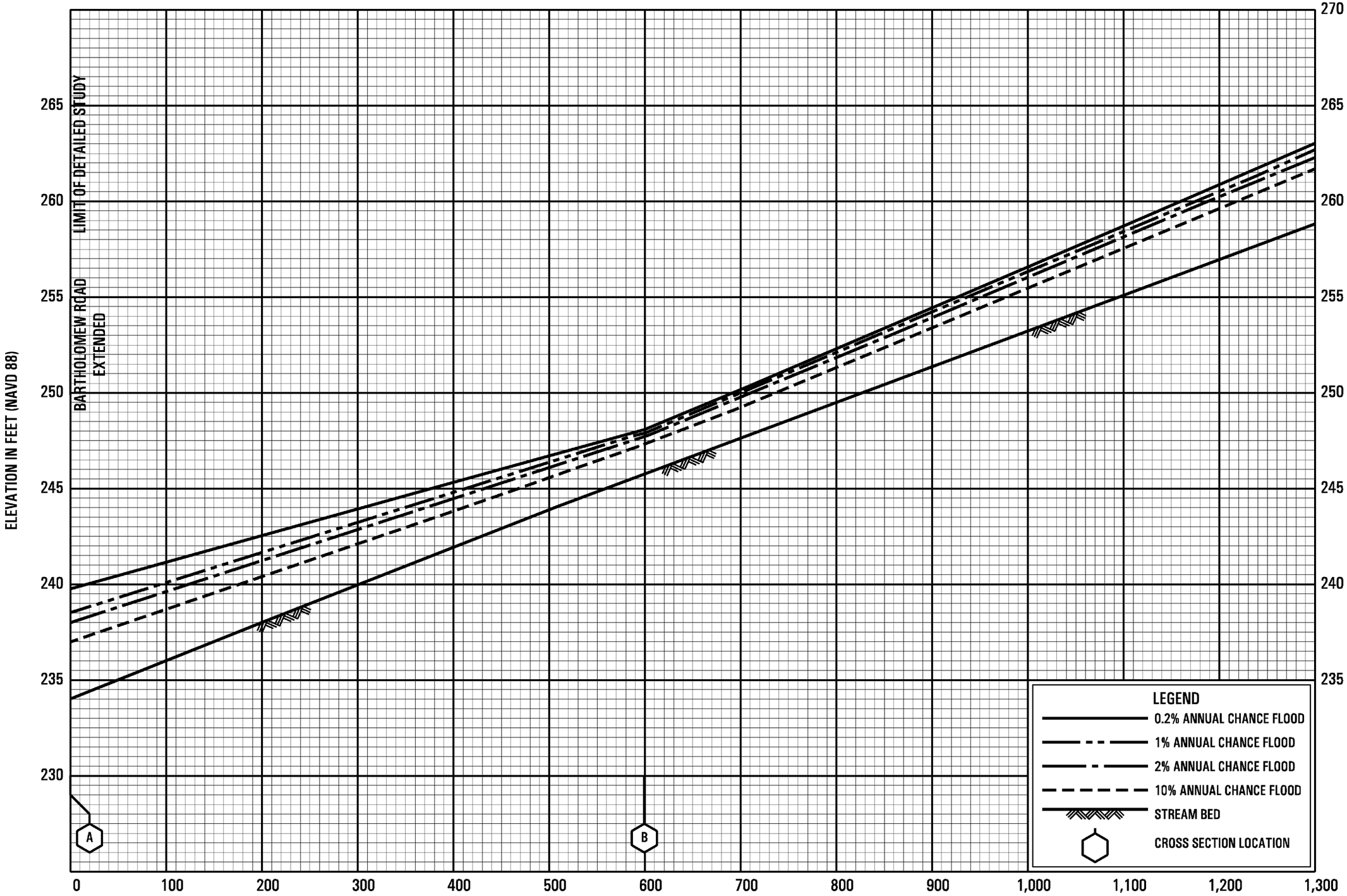

FLOOD PROFILES

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NEW HAVEN COUNTY, CT

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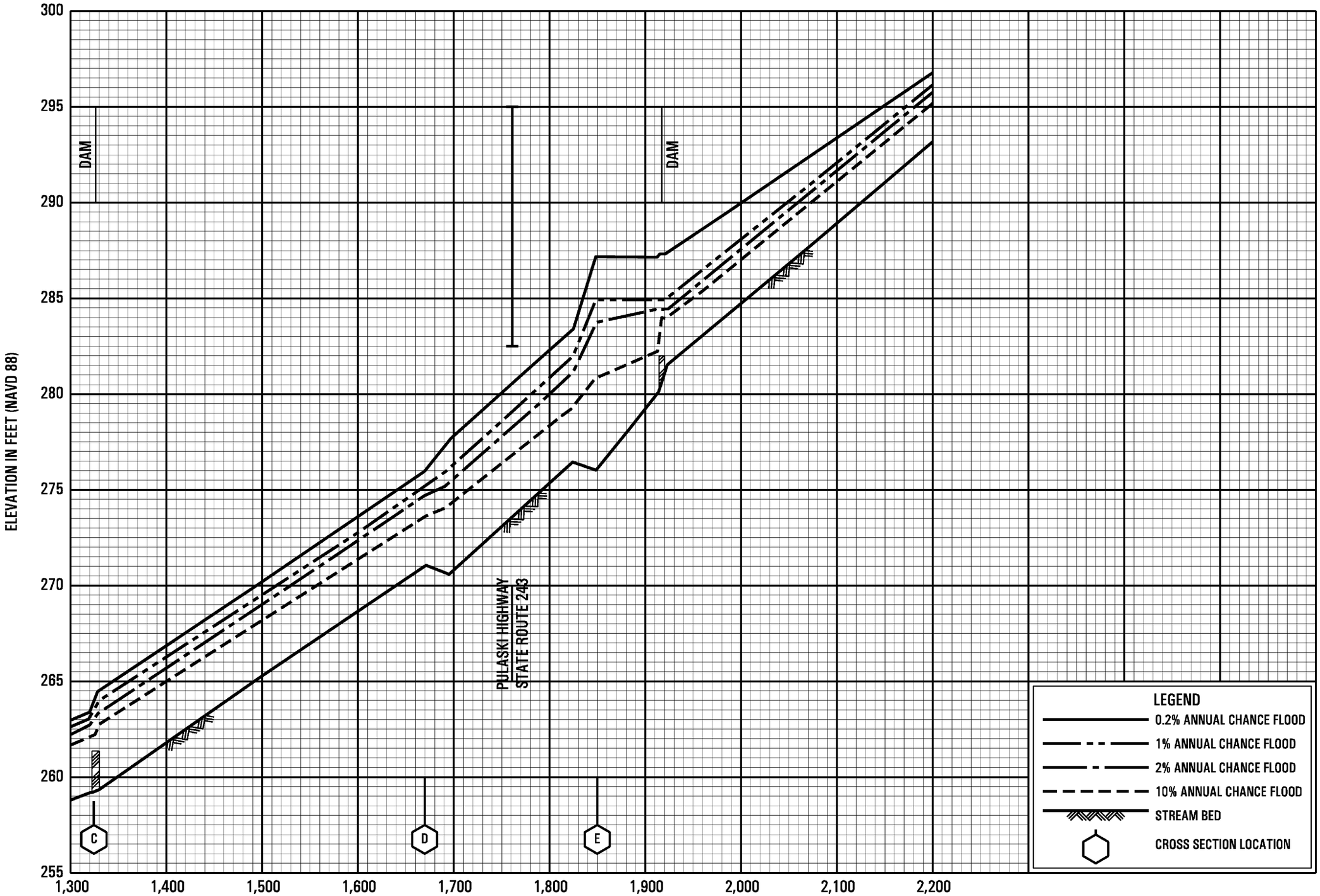

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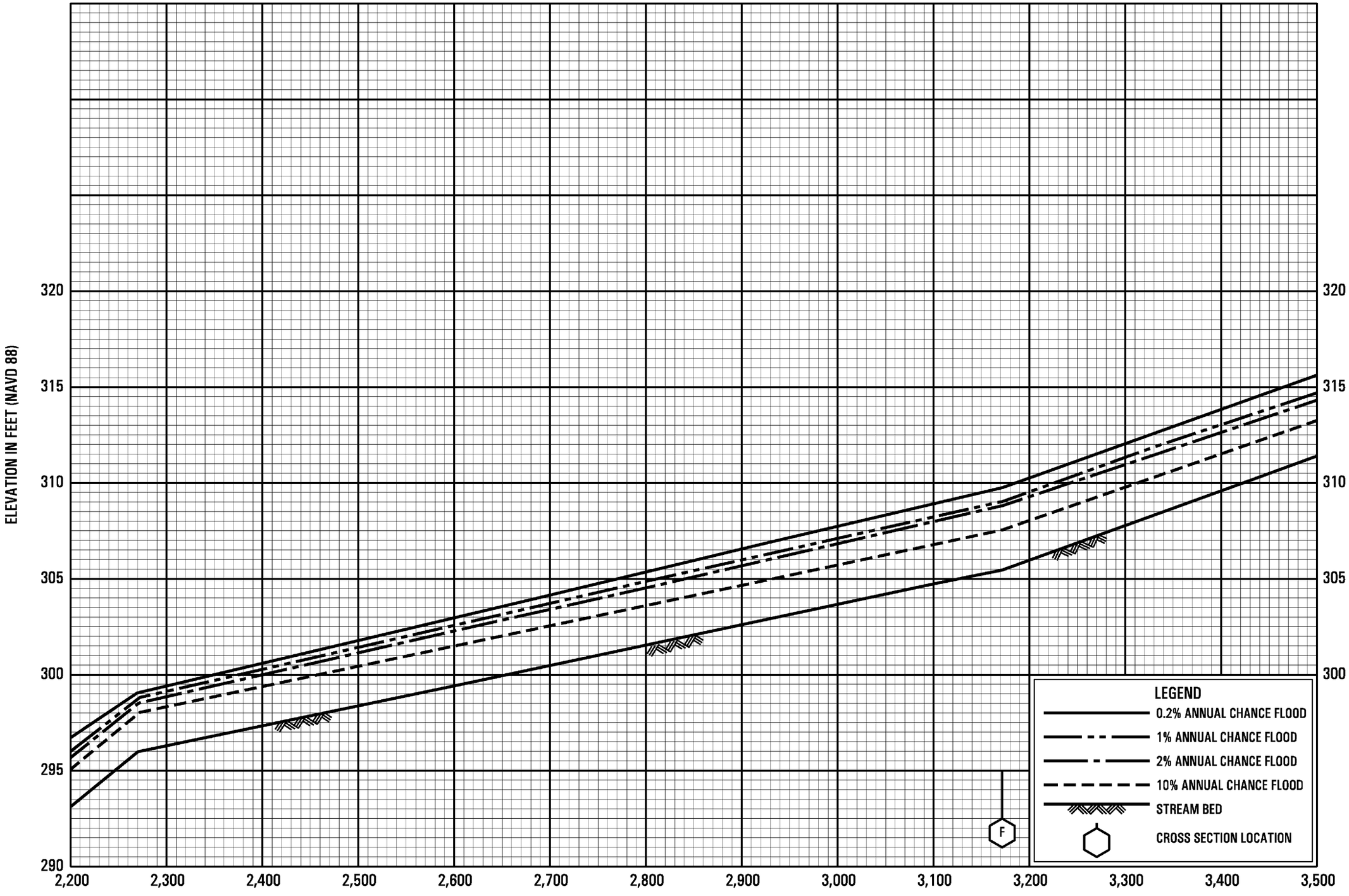

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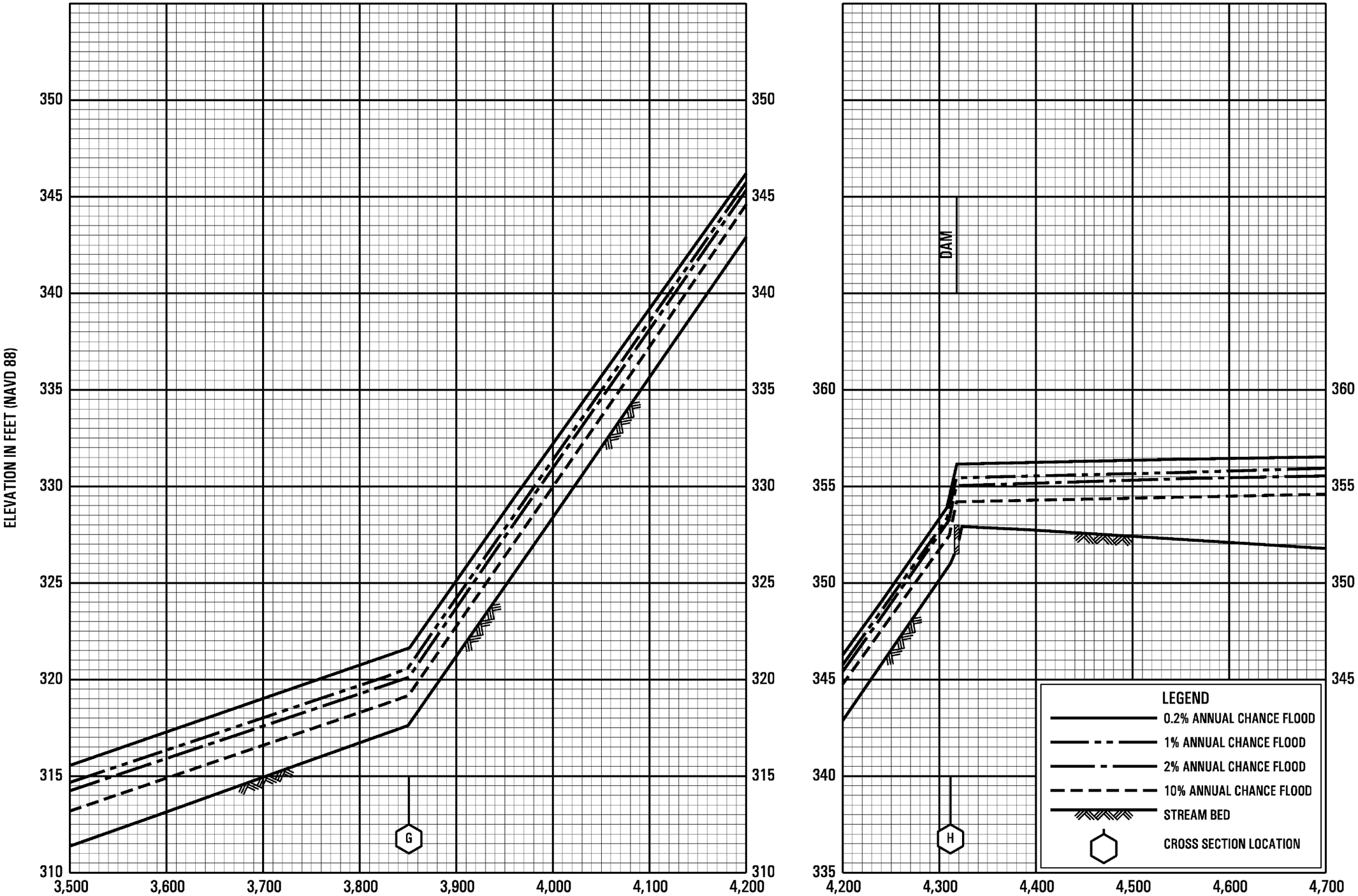

FLOOD PROFILES

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FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FORD STREET

MILAN STREET CULVERT

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NAVD 88)

370
365
360
355
350
345
340

4,700
5,200
5,700
6,200
6,700
7,200
7,700
8,200
8,700

STREAM DISTANCE IN FEET ABOVE BARTHOLOMEW ROAD EXTENDED

I
J
K
L
M
N

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

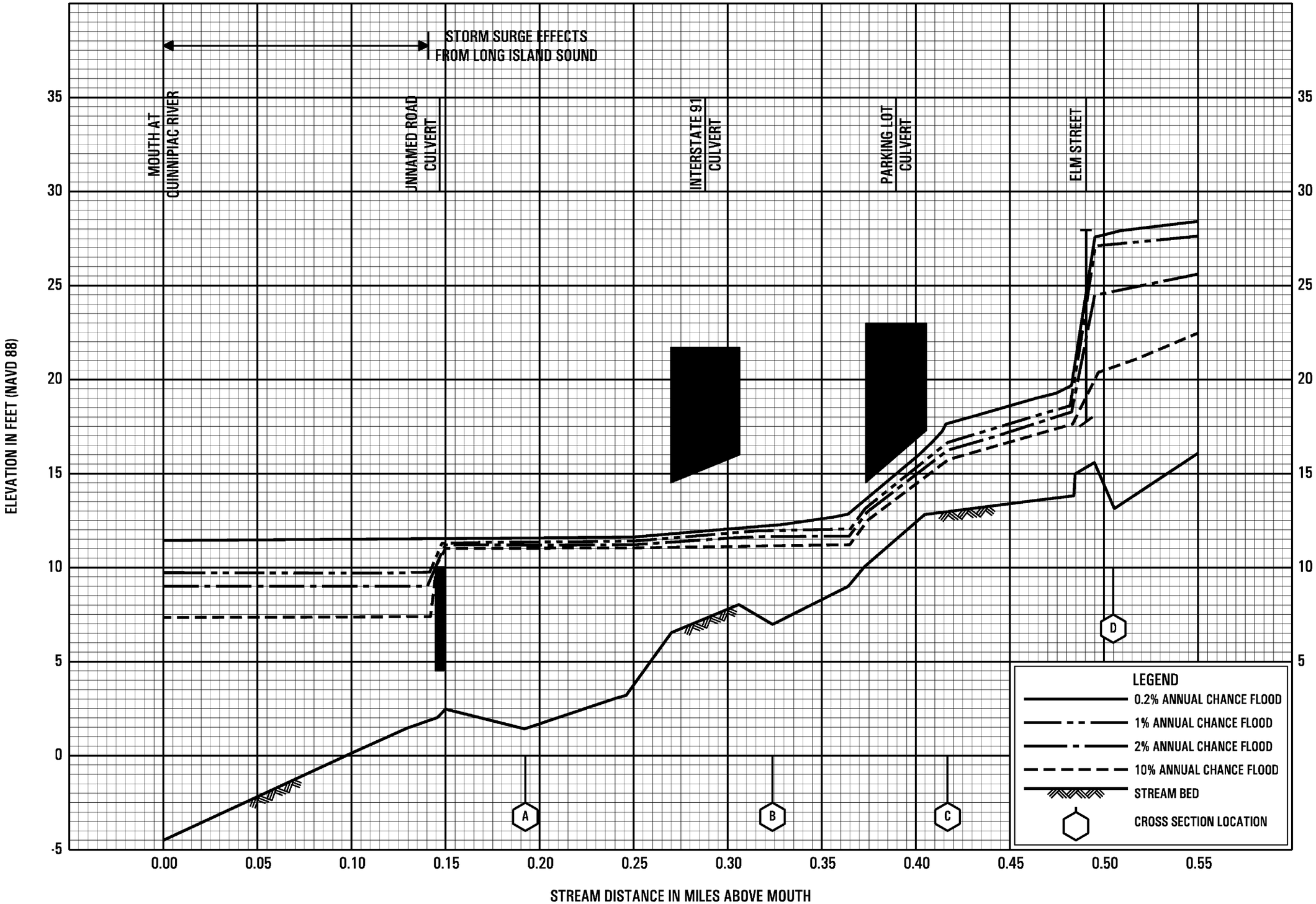
FLOOD PROFILES

TWO MILE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

WATERMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

418P

SHAWMUT AVENUE
CULVERT
MAPLE AVENUE
STATE ROUTE 103
FOOTBRIDGE
DRIVEWAY
DRIVEWAY
DRIVEWAY
FOOTBRIDGE
POOL ROAD
CULVERT
ST. JOHN STREET

ELEVATION IN FEET (NAVD 88)

45
40
35
30
25
20
15

0.55 0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95 1.00 1.05 1.10

STREAM DISTANCE IN MILES ABOVE MOUTH

E F G H I J K L

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

WATERMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY
NEW HAVEN COUNTY, CT
(ALL JURISDICTIONS)

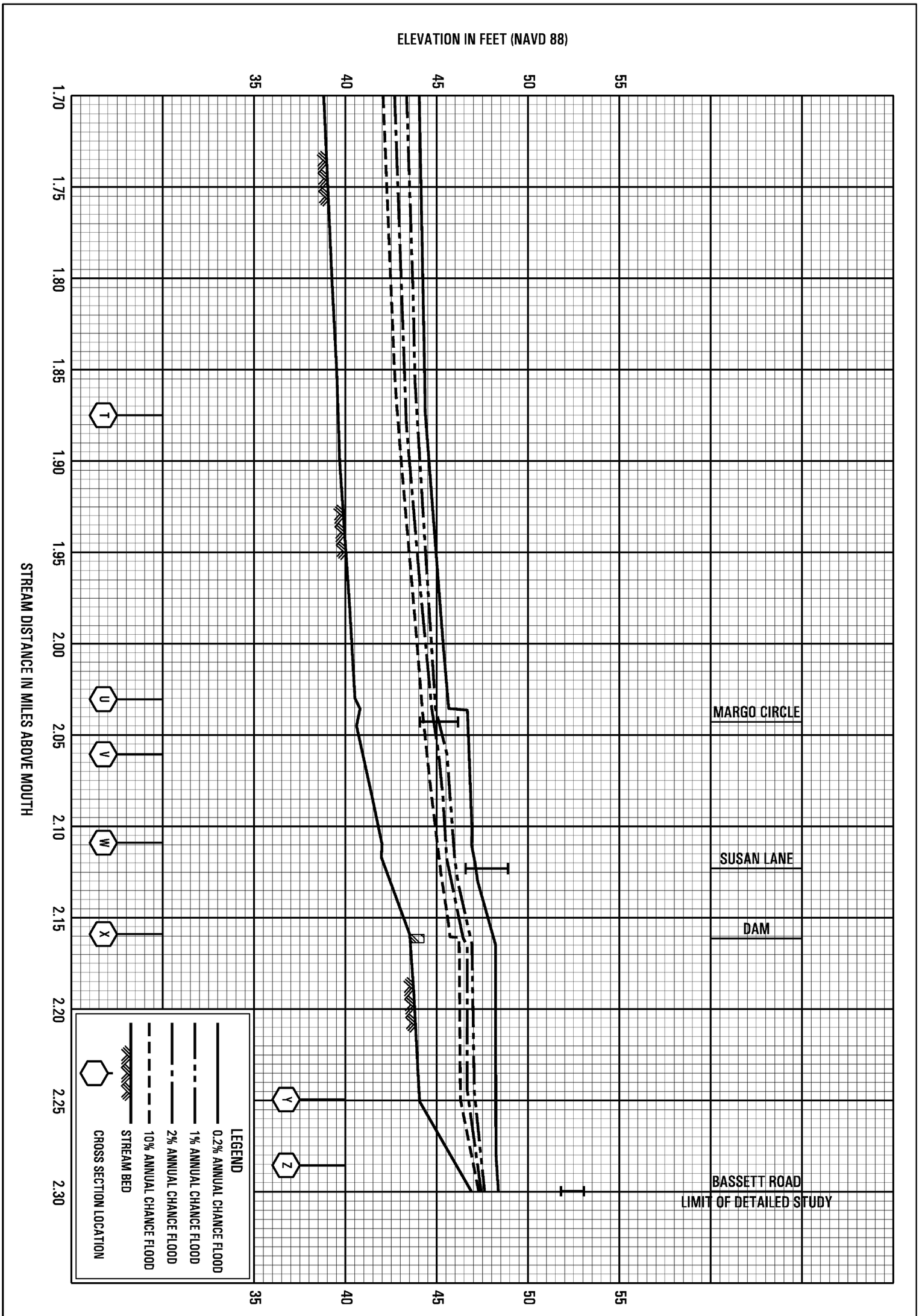
FLOOD PROFILES

WATERMANS BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



421P

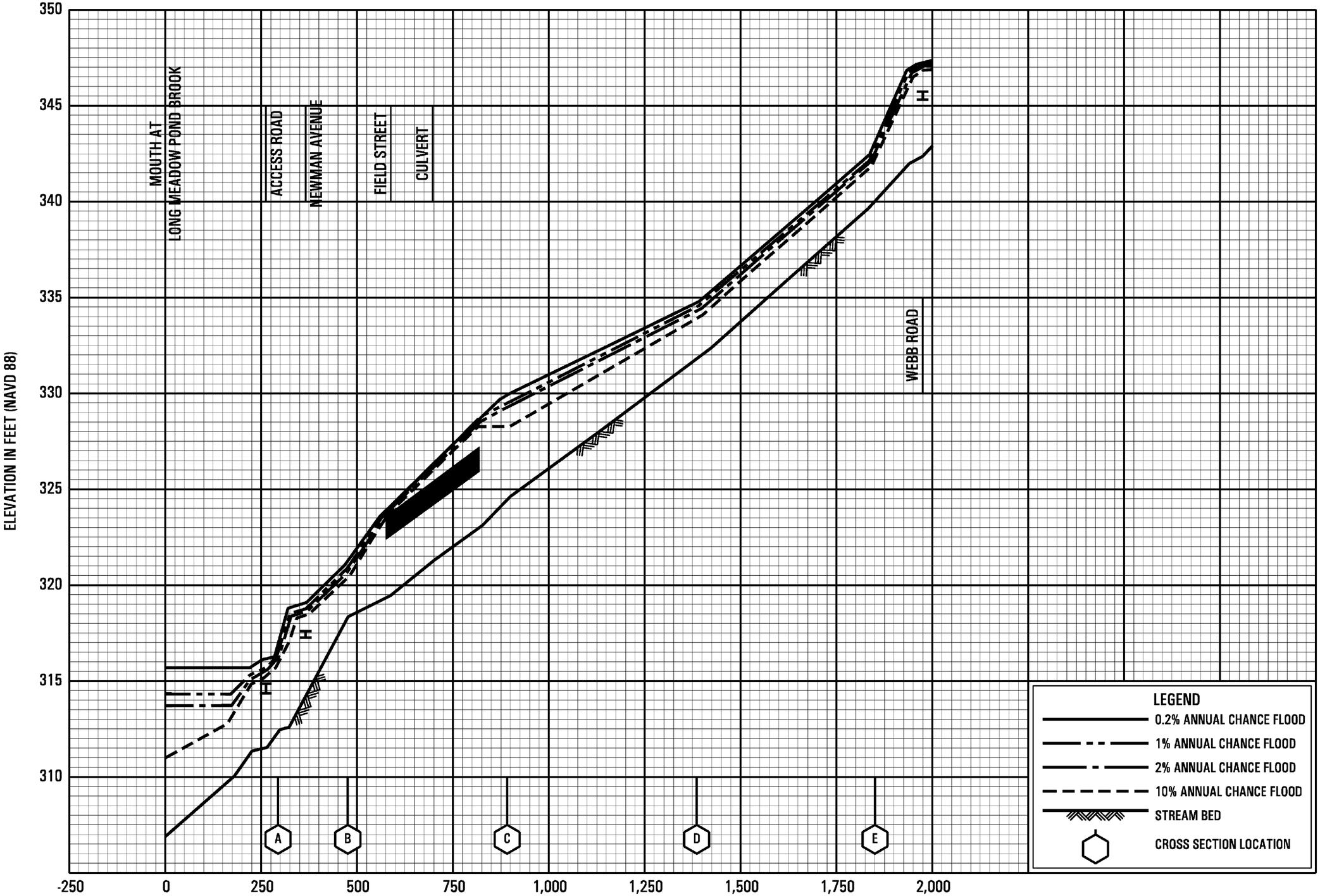
FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WATERMANS BROOK



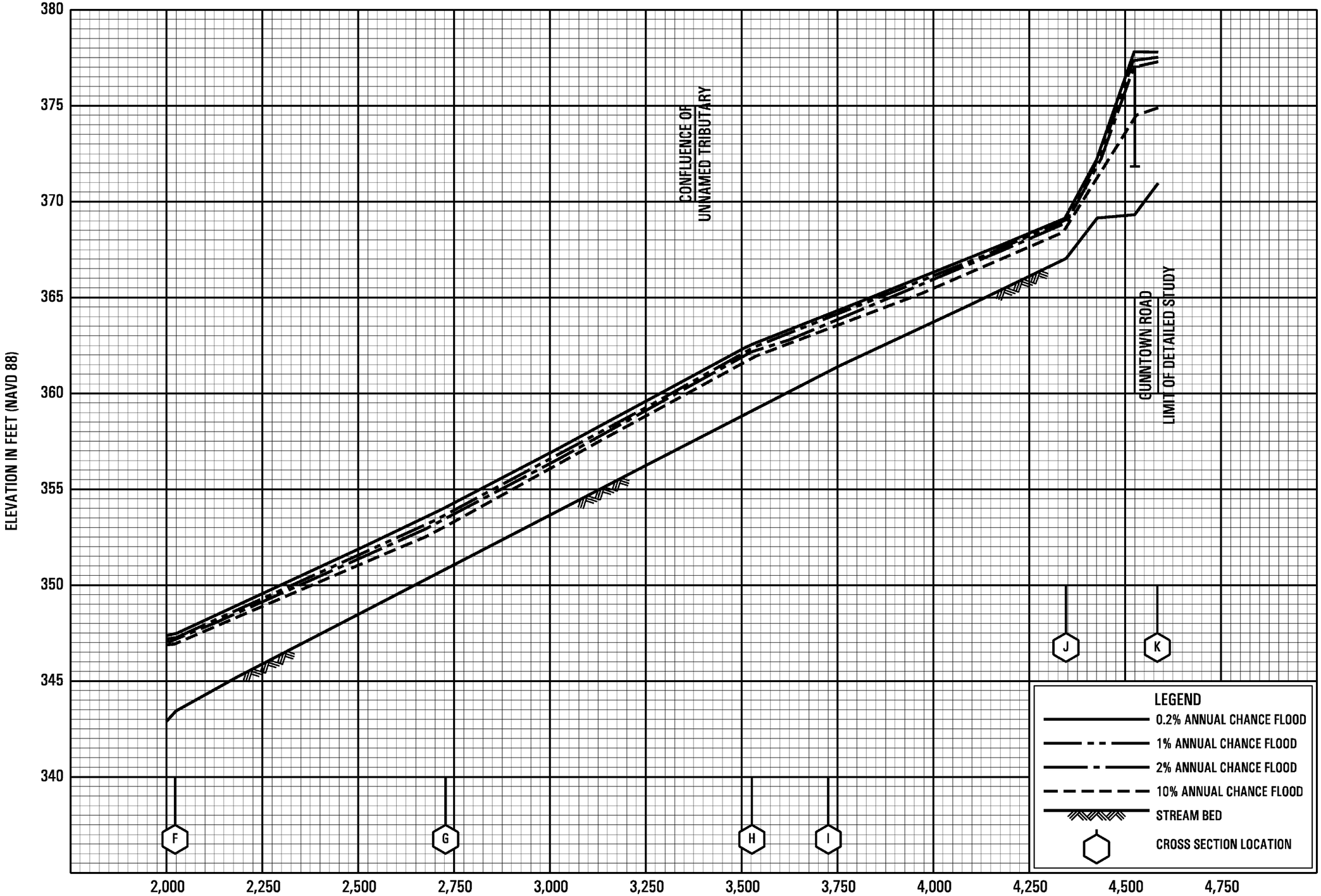
FLOOD PROFILES

WEBB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



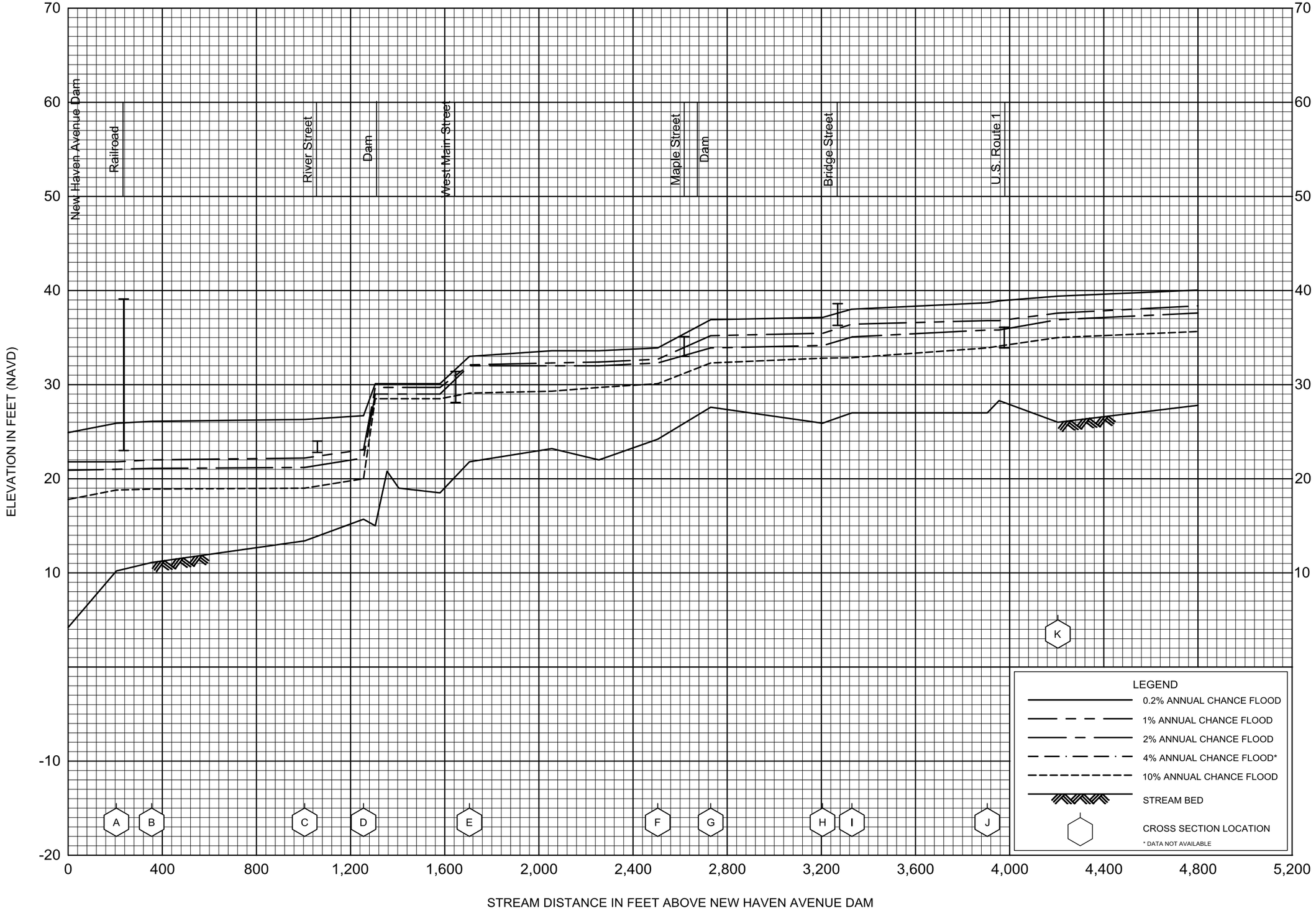
FLOOD PROFILES

WEBB BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

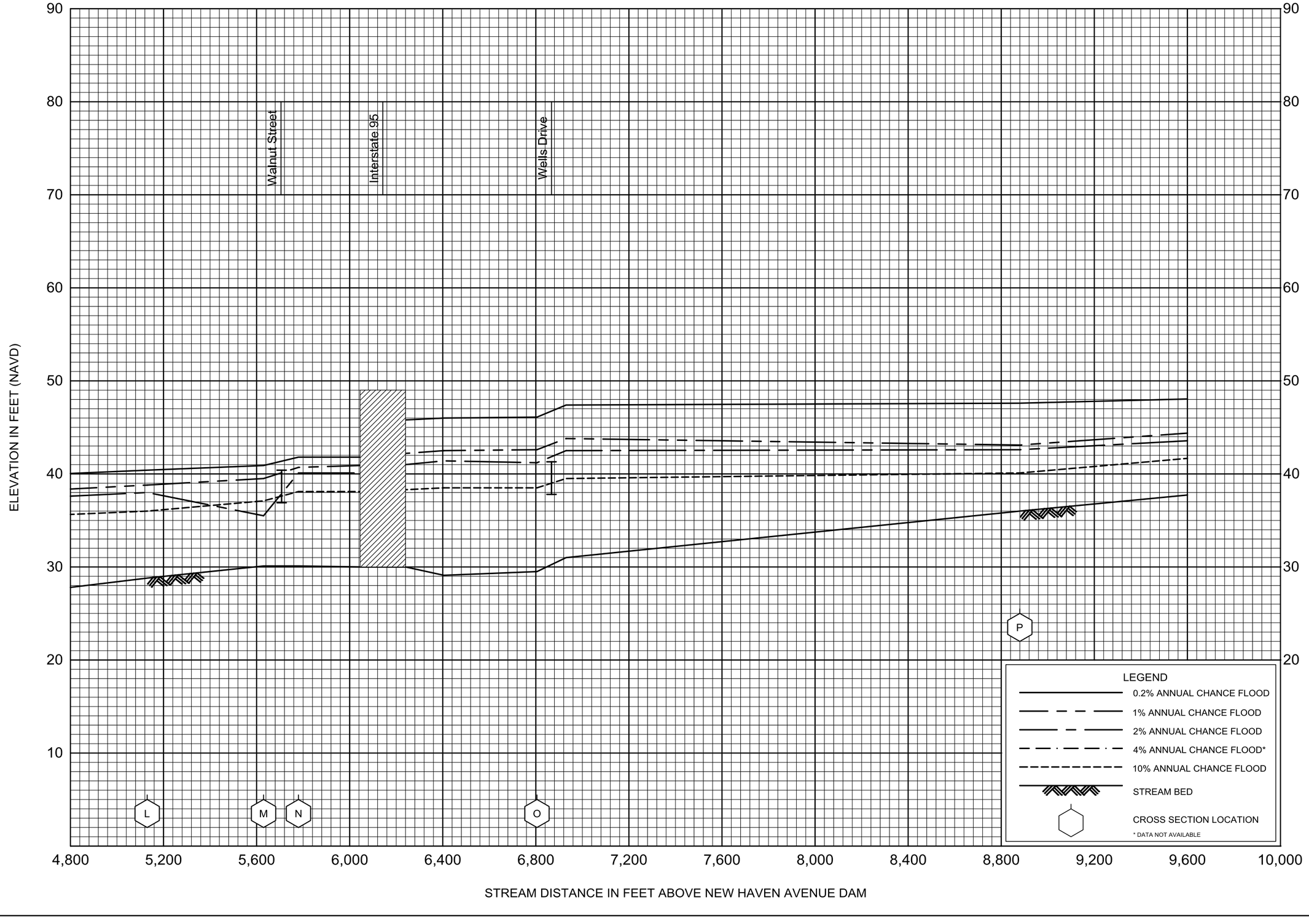
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

424P



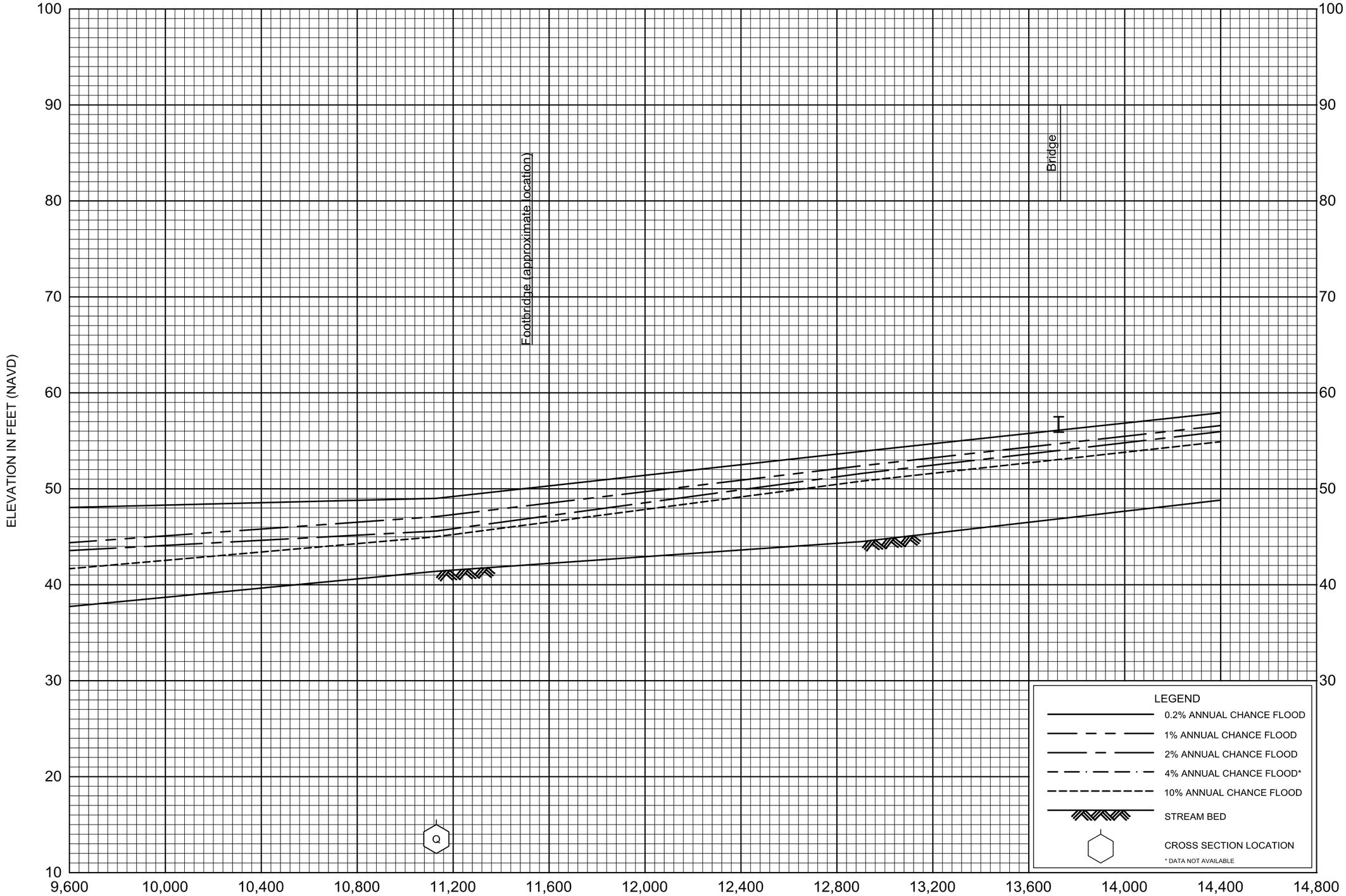
FLOOD PROFILES

WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

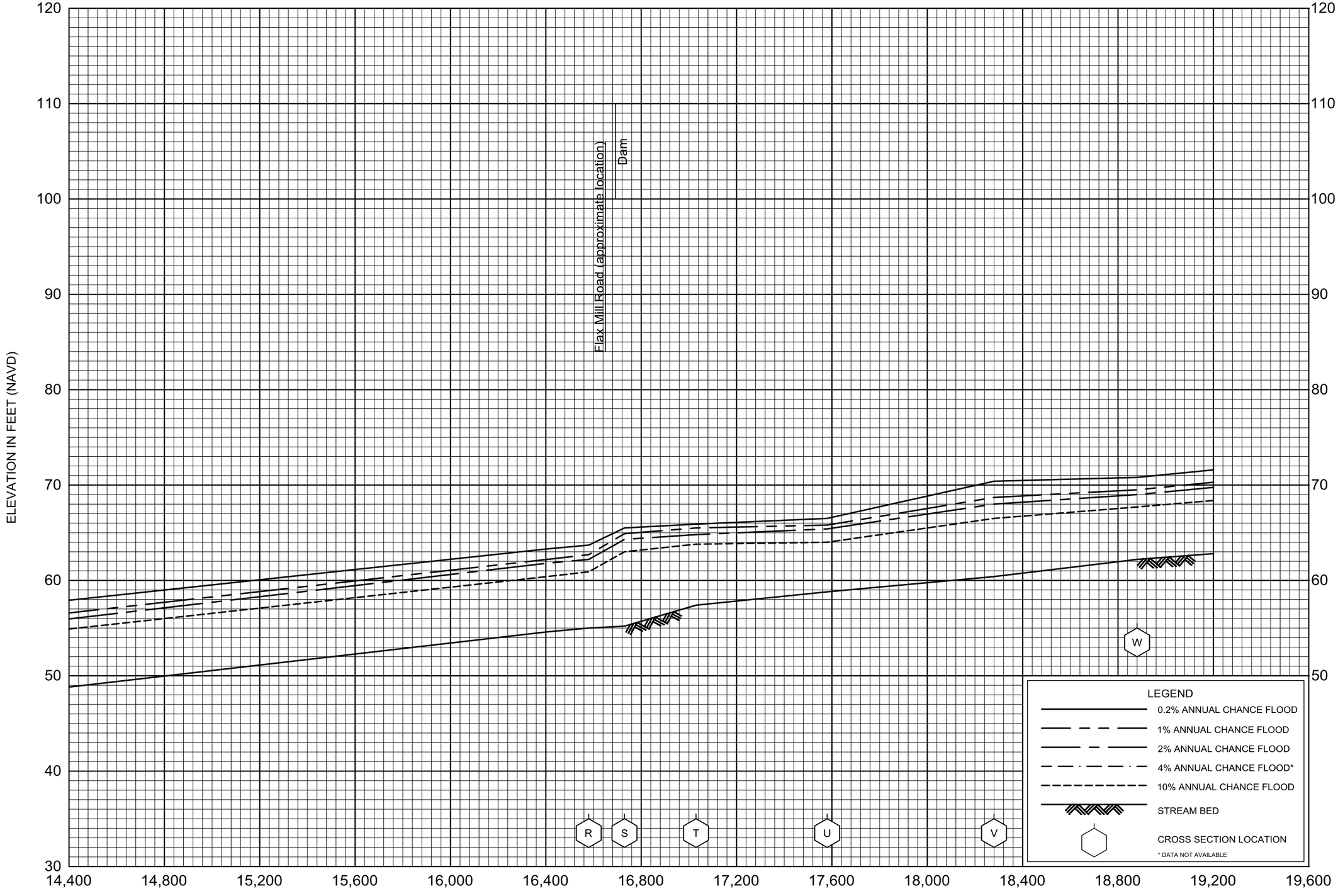
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

426P



FLOOD PROFILES

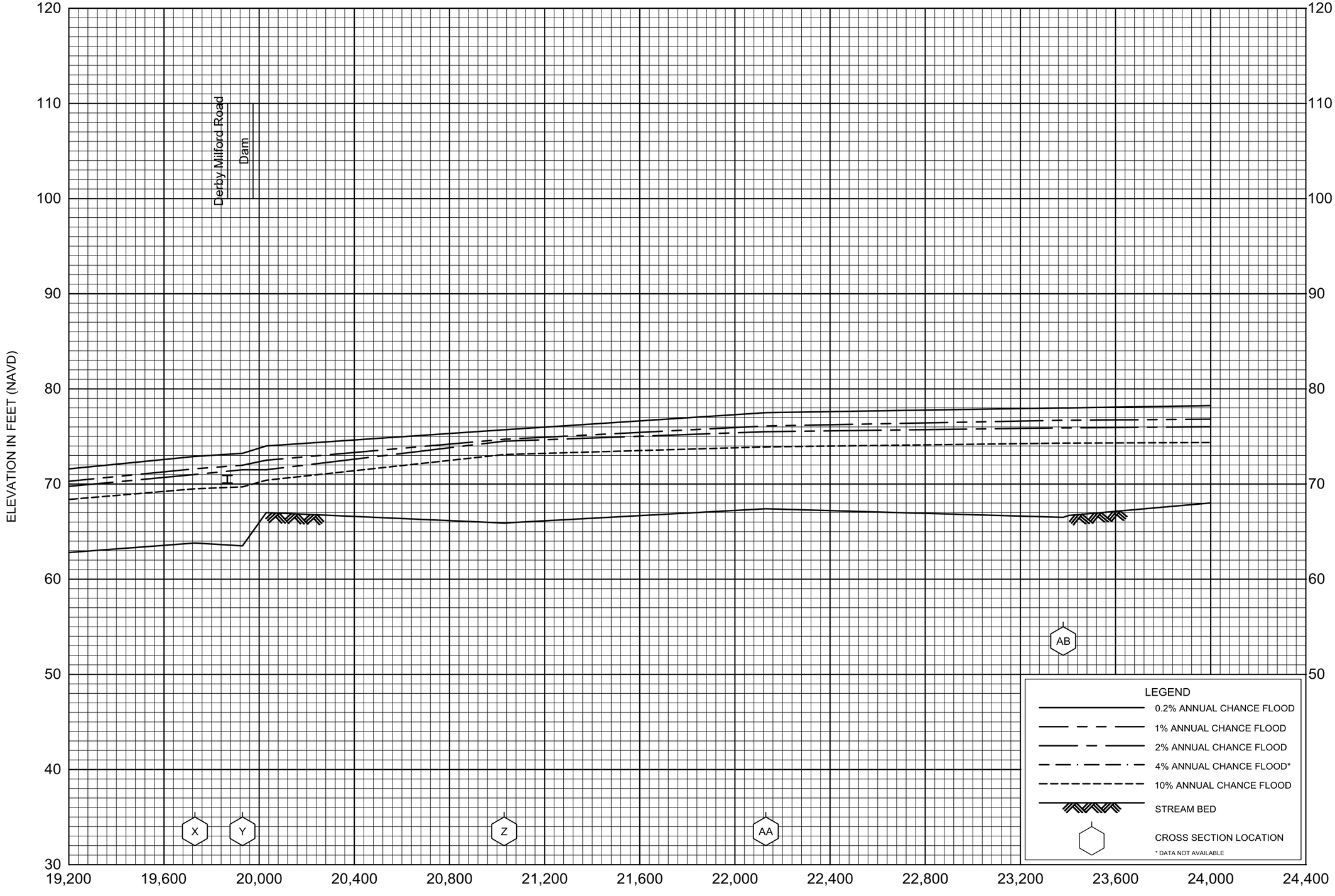
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

427P



FLOOD PROFILES

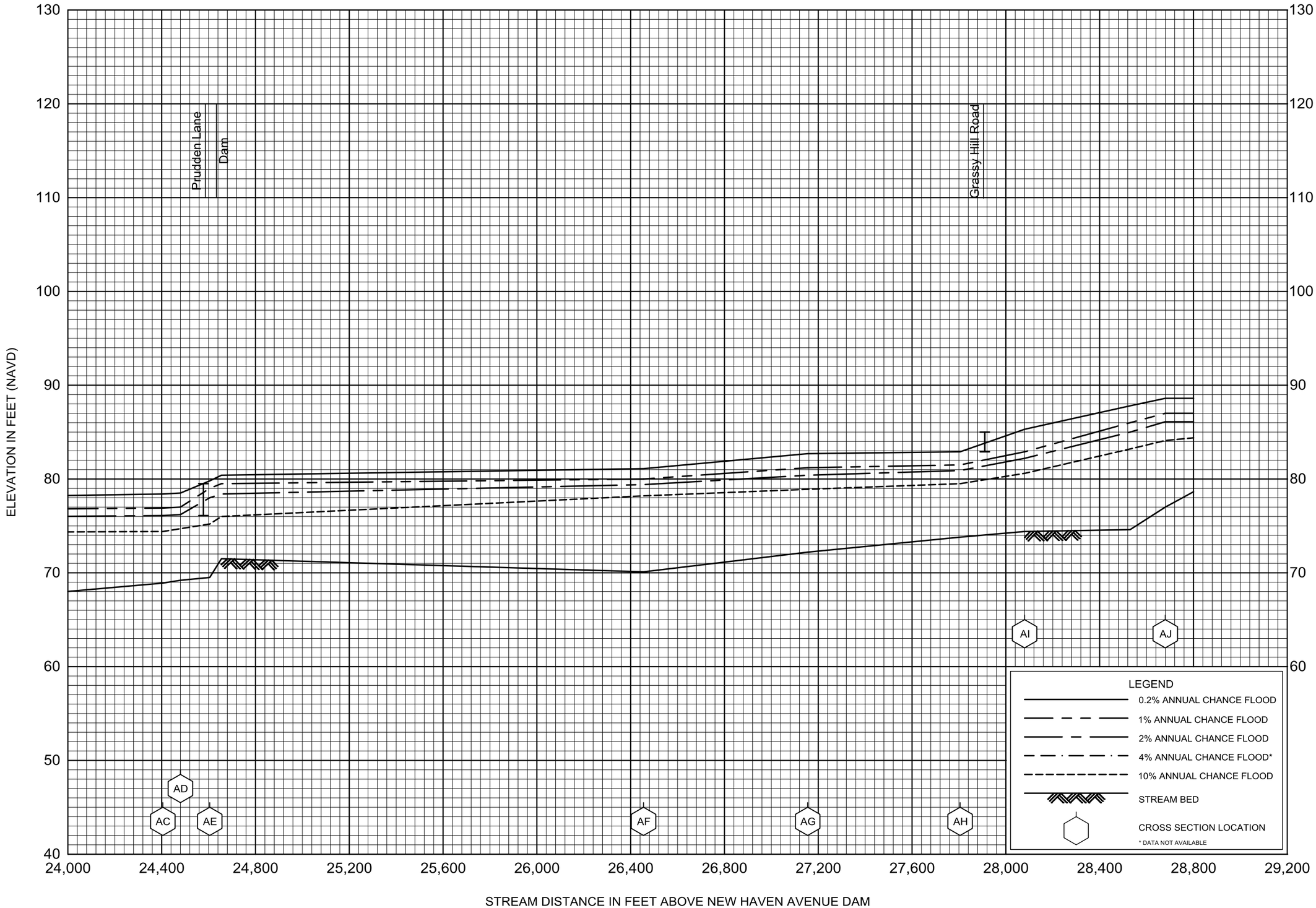
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

428P



FLOOD PROFILES

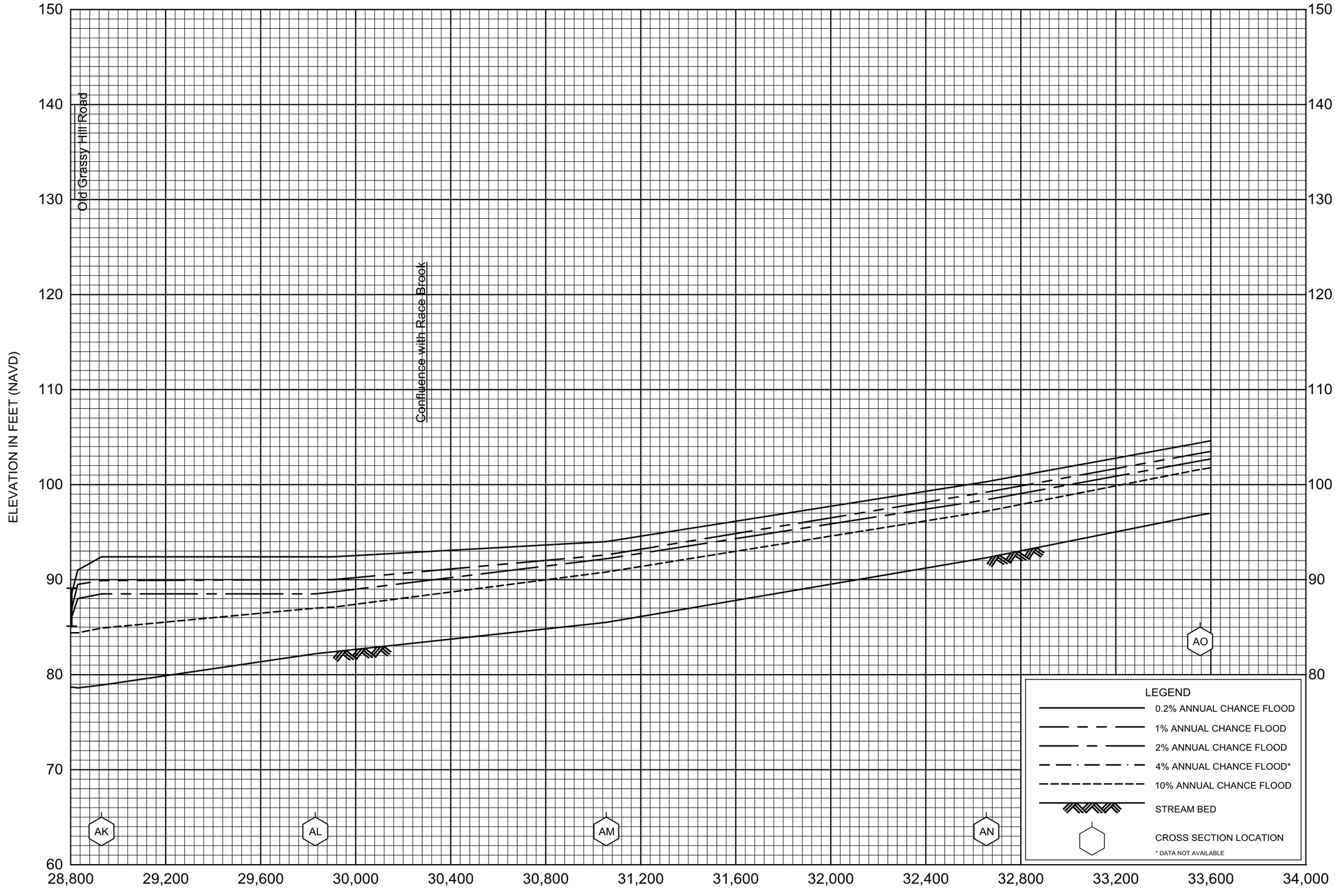
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

429P



FLOOD PROFILES

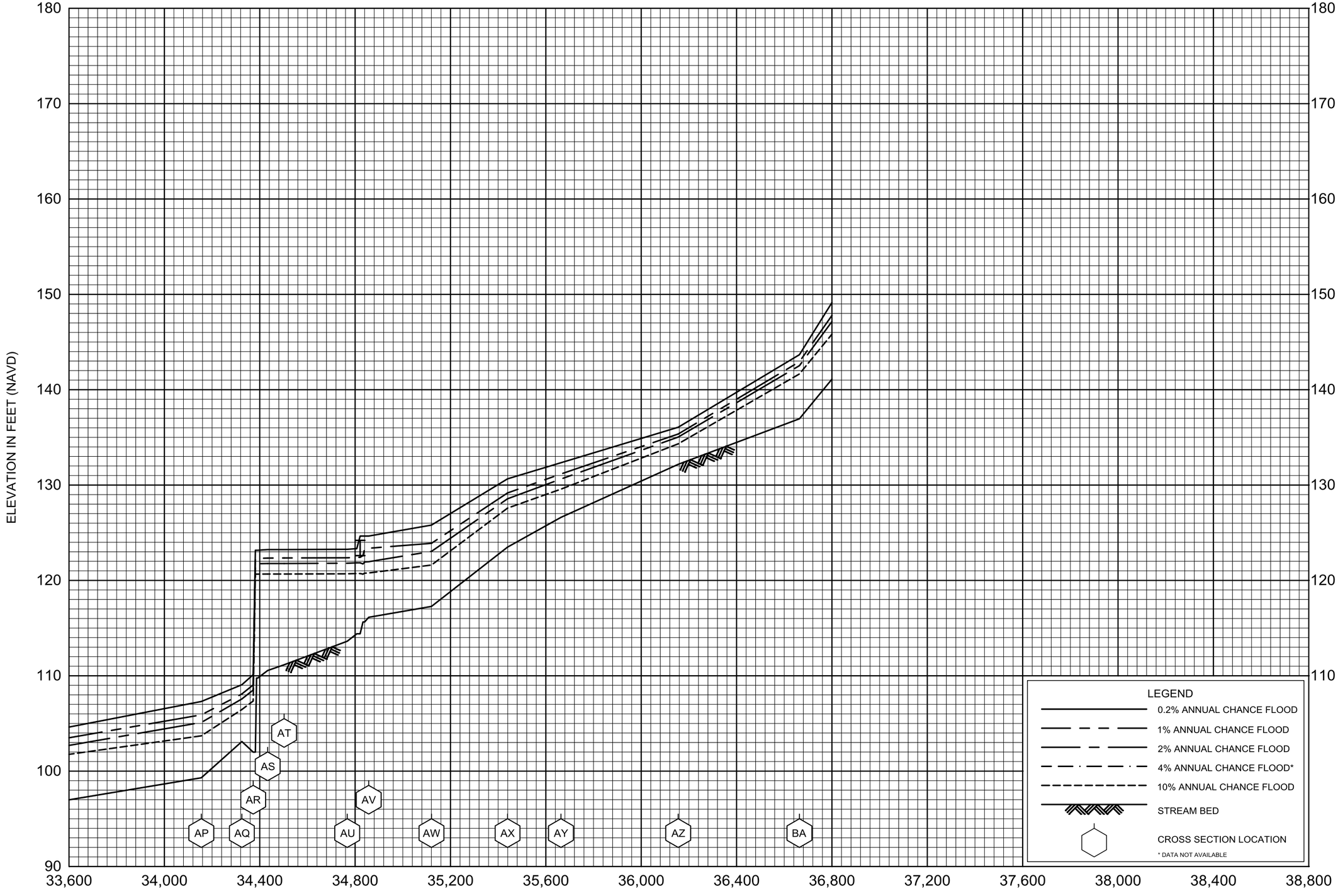
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

430P



FLOOD PROFILES

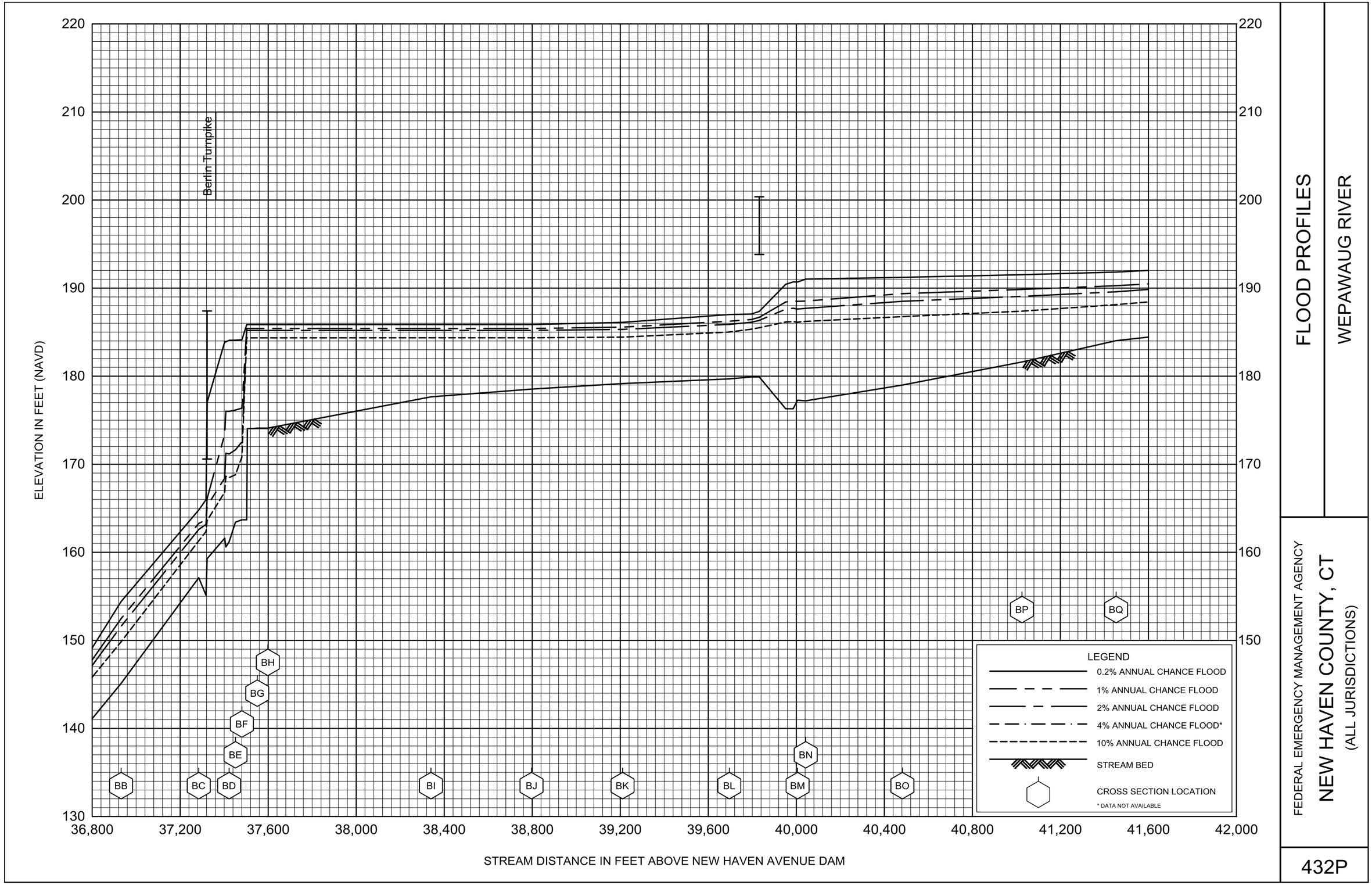
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

431P



FLOOD PROFILES

WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

ELEVATION IN FEET (NAVD)

250
240
230
220
210
200
190
180
170
160

41,600 42,000 42,400 42,800 43,200 43,600 44,000 44,400 44,800 45,200 45,600 46,000 46,400 46,800

STREAM DISTANCE IN FEET ABOVE NEW HAVEN AVENUE DAM

BR
BS
BT
BU

LEGEND
- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 4% ANNUAL CHANCE FLOOD*
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

* DATA NOT AVAILABLE

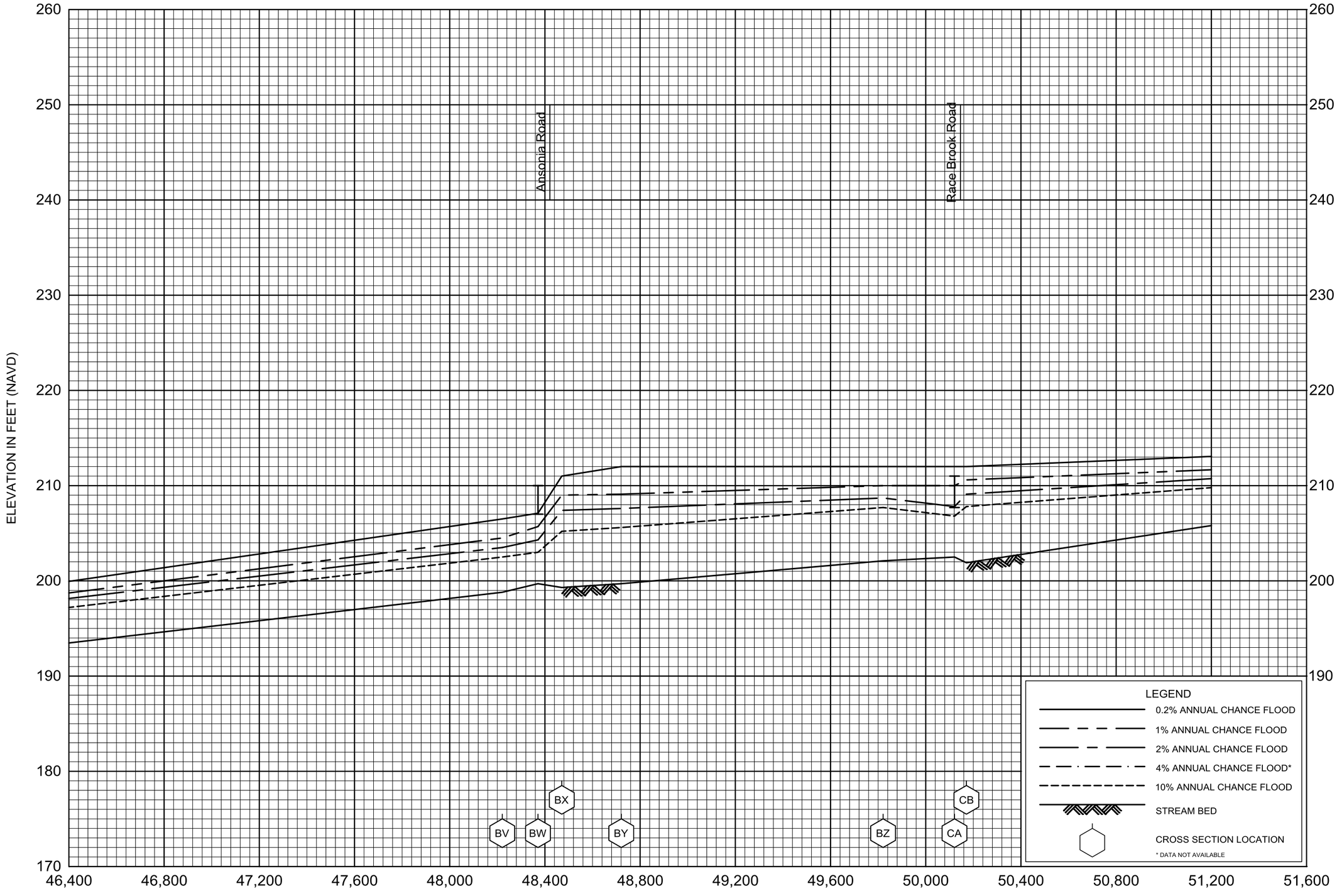
FLOOD PROFILES

WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



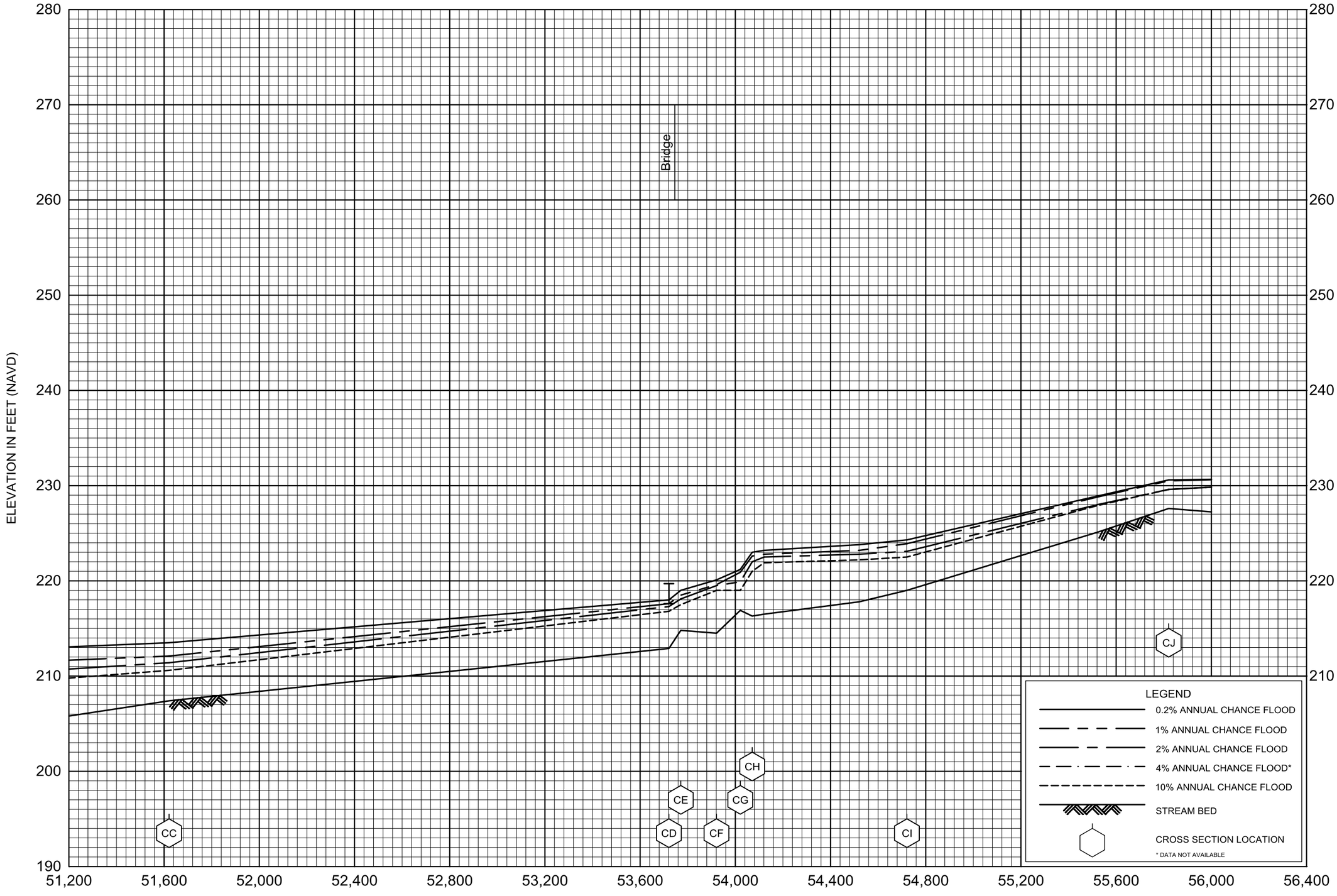
FLOOD PROFILES

WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

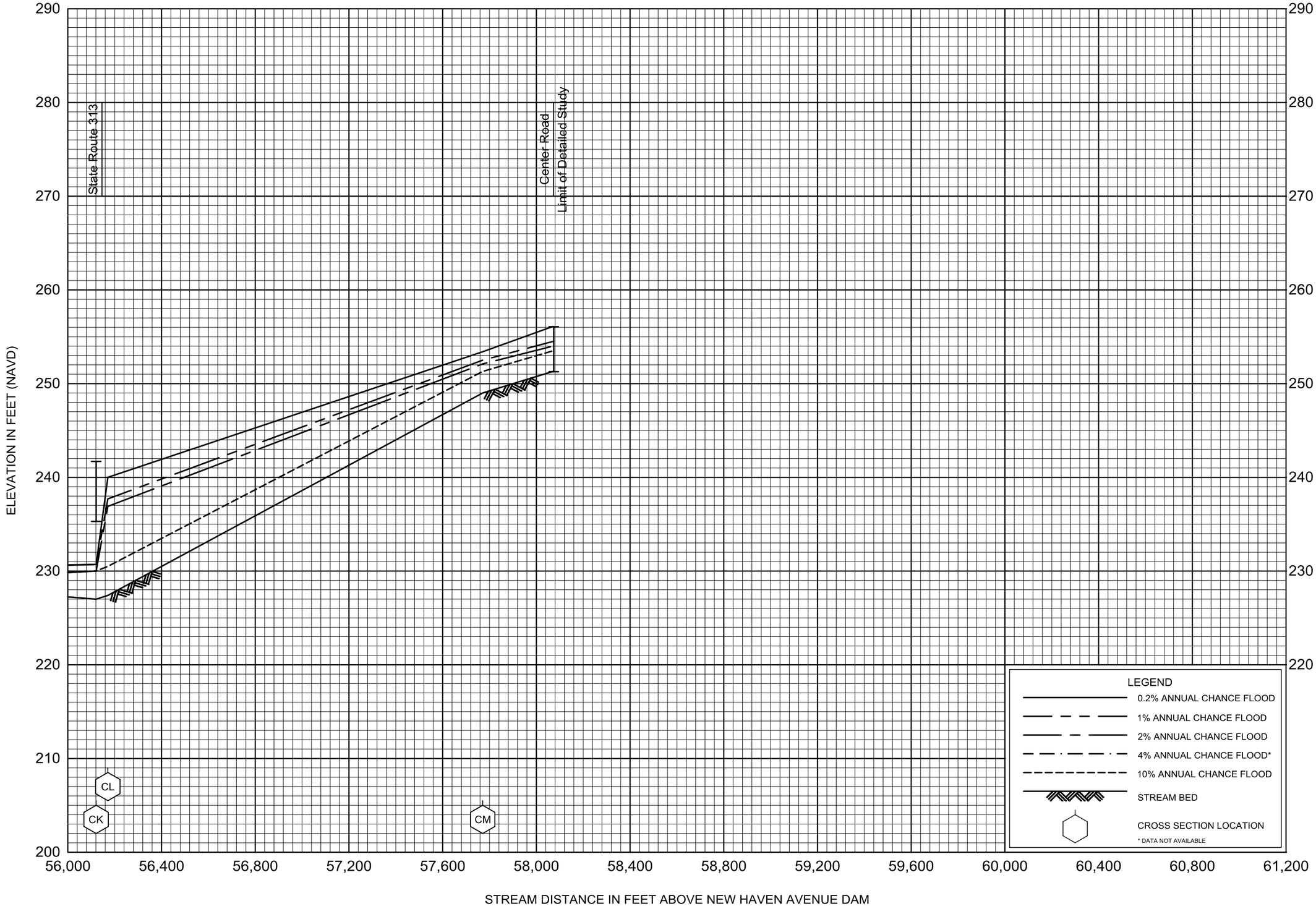
WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

435P



FLOOD PROFILES

WEPAWAUG RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

436P

FLOOD PROFILES

WEST BRANCH FARM BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WEST BRANCH FARM BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

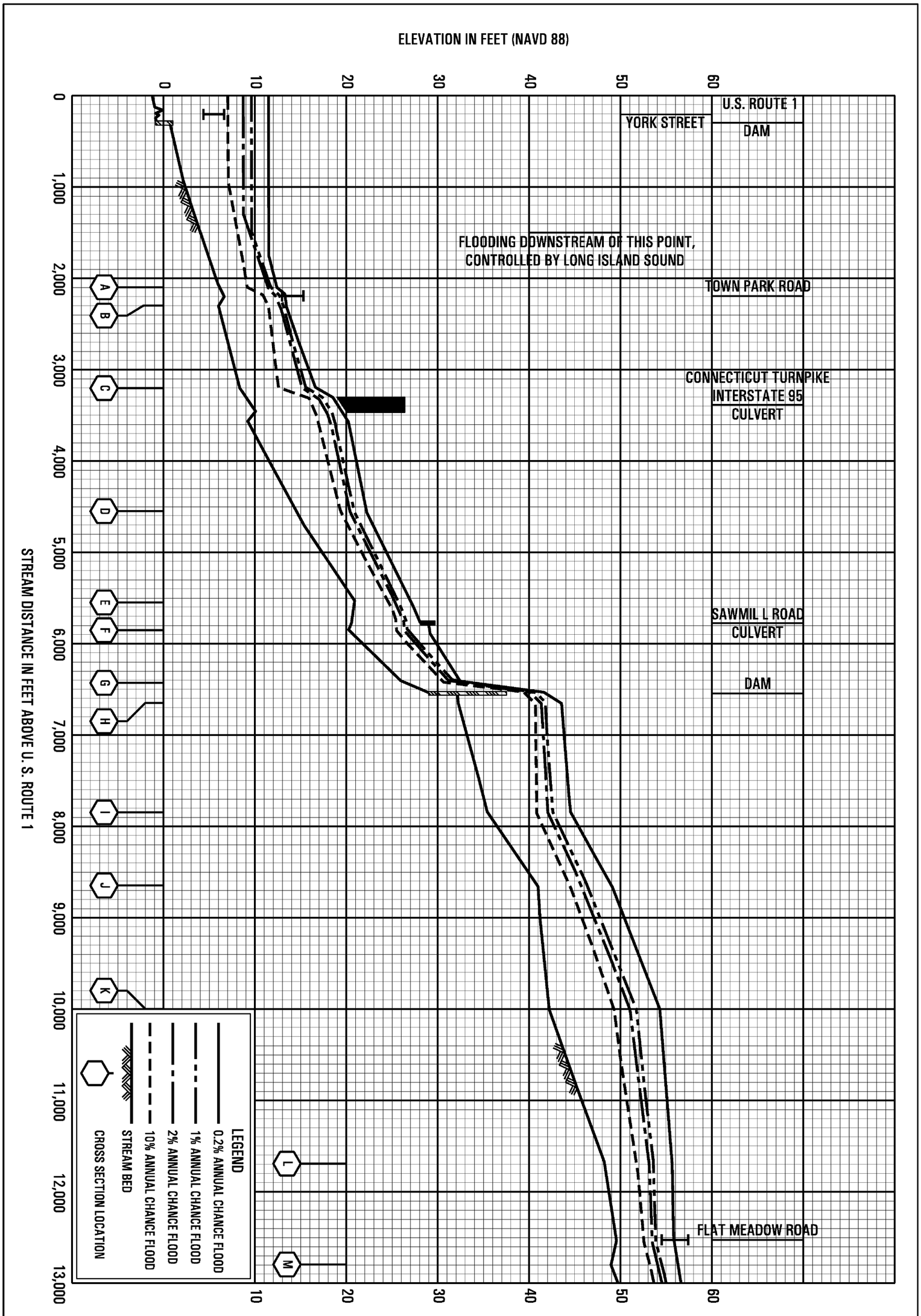
WEST BRANCH FARM BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

439P



440P

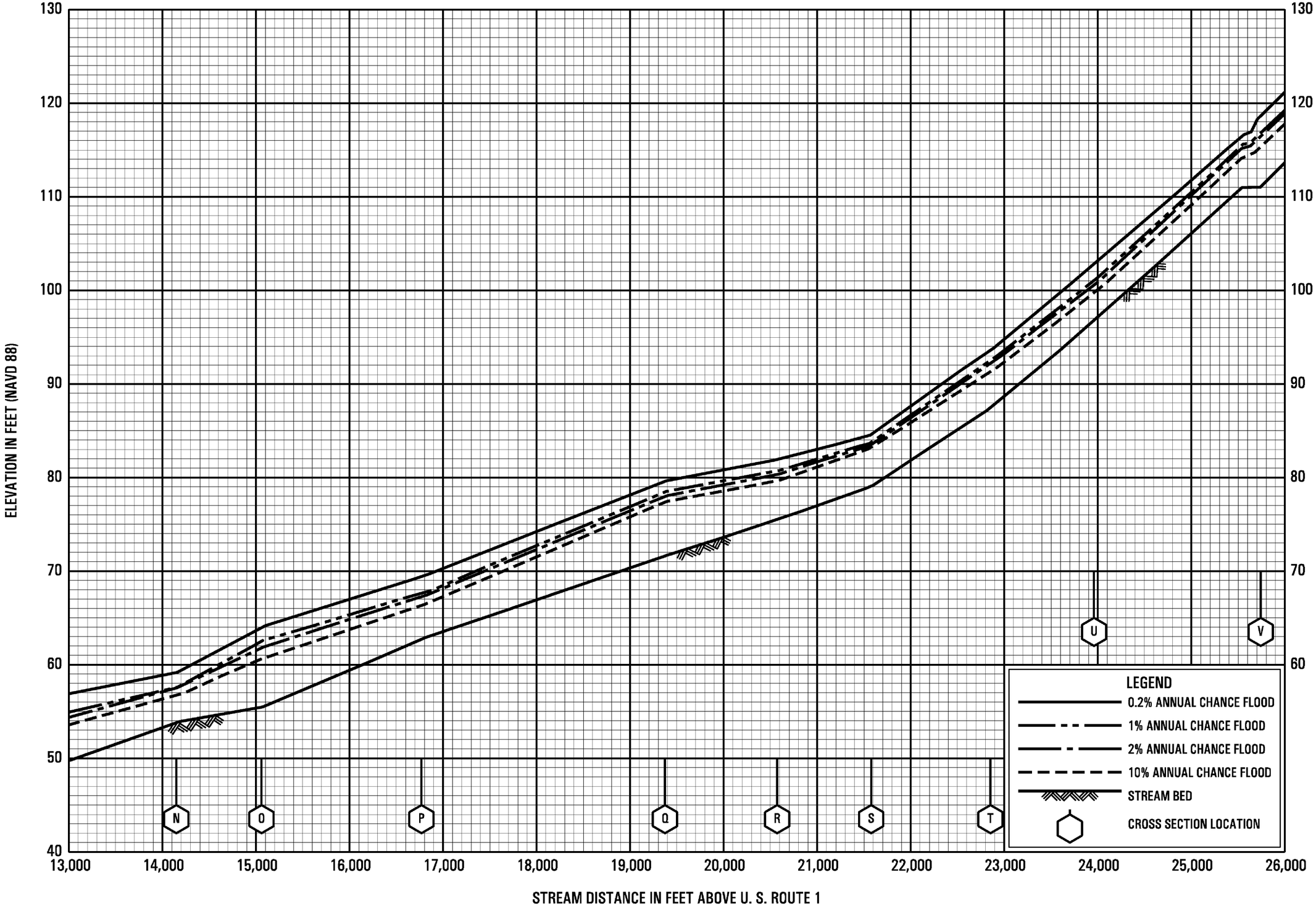
FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WEST RIVER NO. 1



FLOOD PROFILES

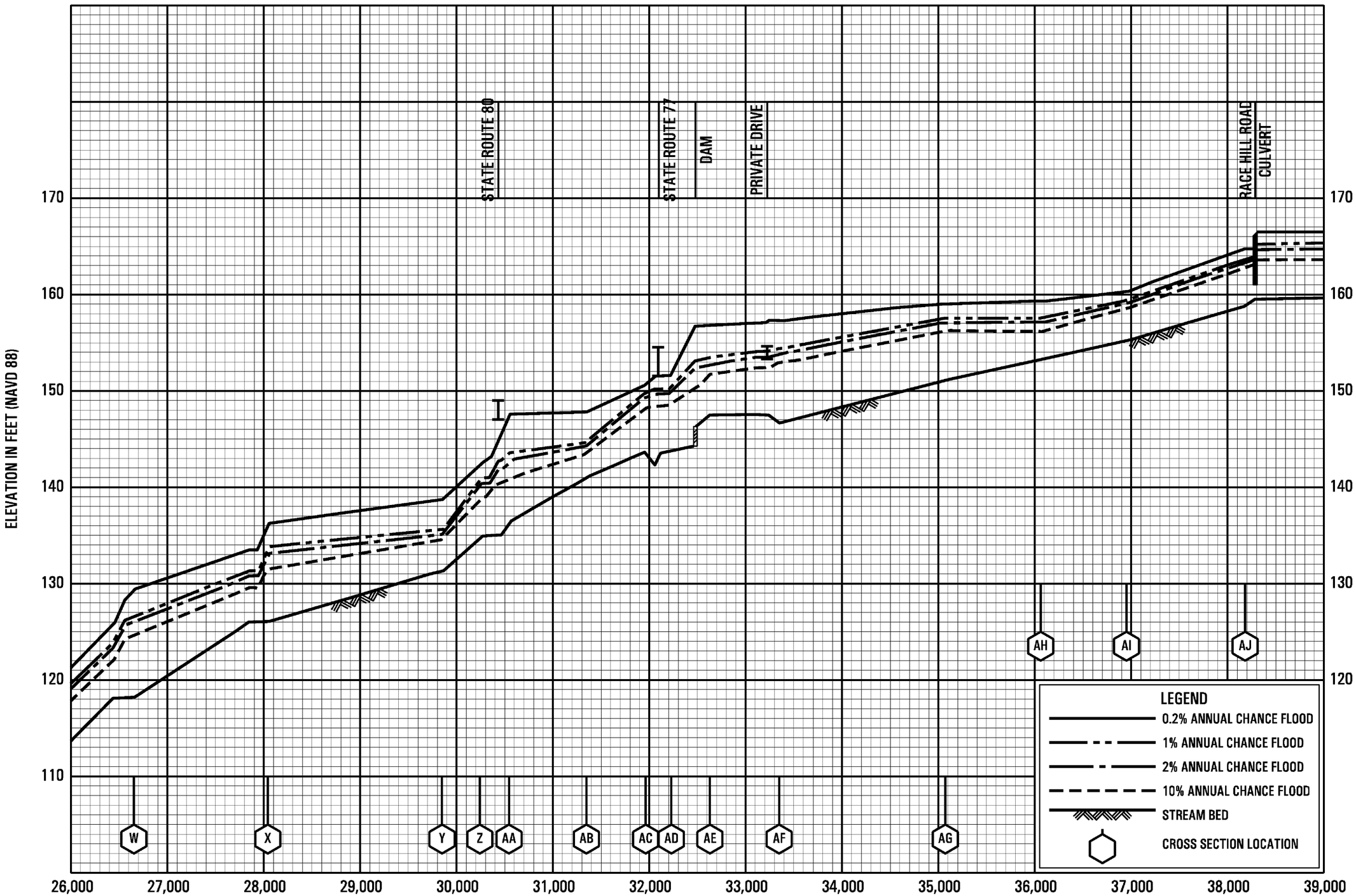
WEST RIVER NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

441P



FLOOD PROFILES

WEST RIVER NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WEST RIVER NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

443P

STORM SURGE EFFECTS FROM LONG ISLAND SOUND

WHALLEY AVENUE (STATE ROUTE 63)

CONFLUENCE OF WINTERGREEN BROOK

BLAKE STREET

CHAPEL STREET

EDGEWOOD AVENUE

ELEVATION IN FEET (NAVD 88)

25
20
15
10
5
0
-5

15,500 16,000 16,500 17,000 17,500 18,000 18,500 19,000 19,500 20,000 20,500 21,000 21,500 22,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A B C D E

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

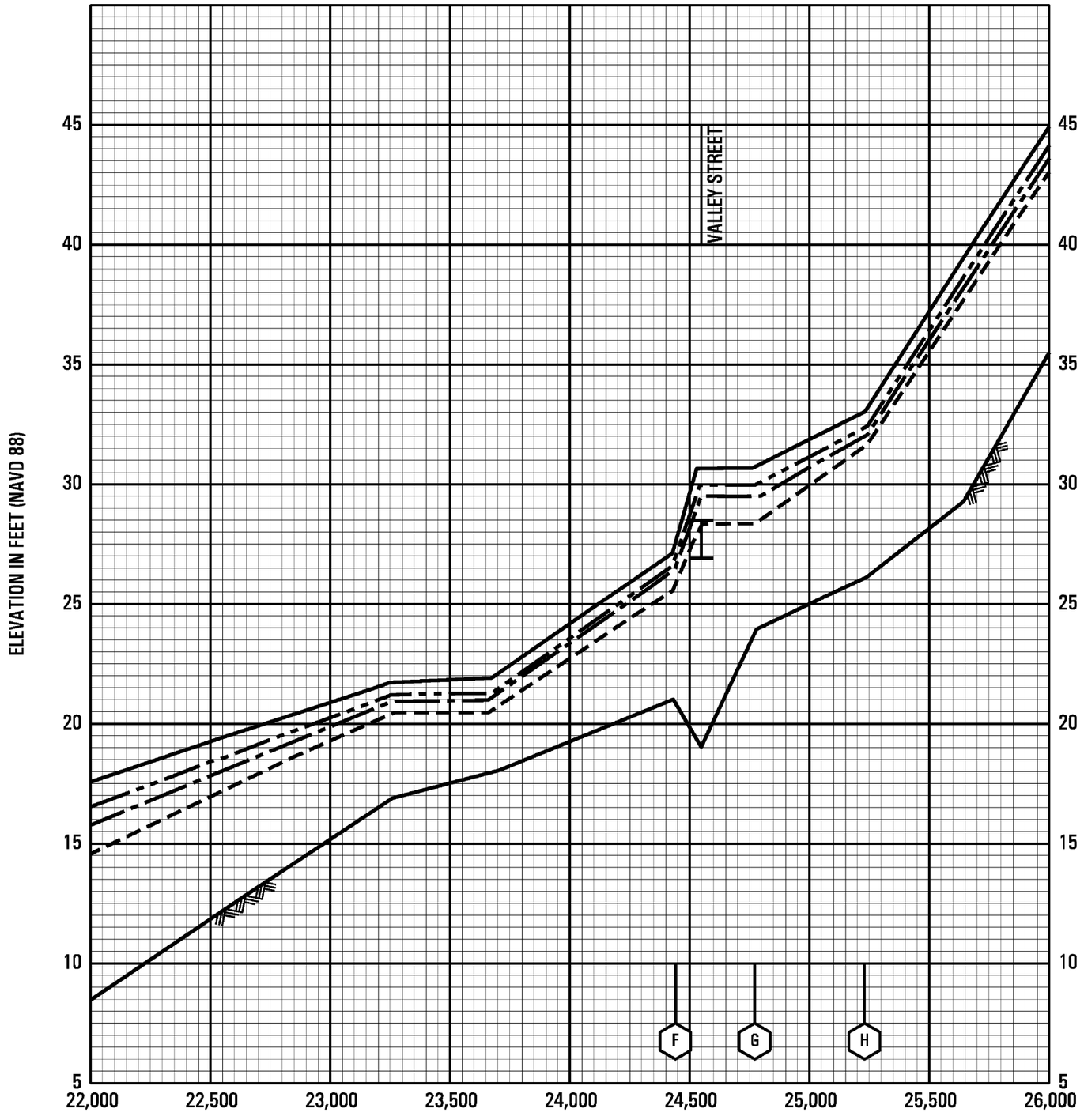
FLOOD PROFILES

WEST RIVER NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



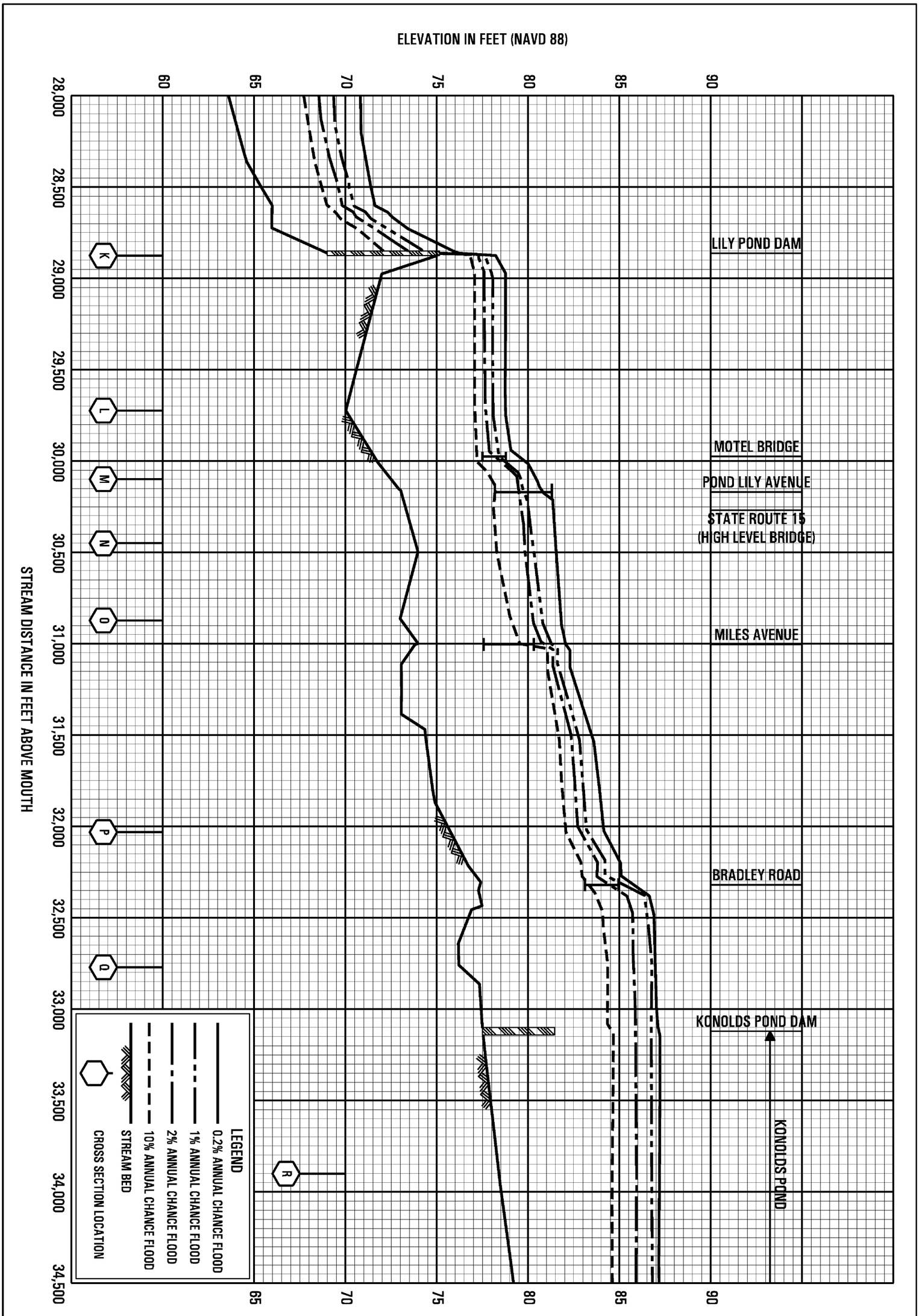
FLOOD PROFILES

WEST RIVER NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



446P

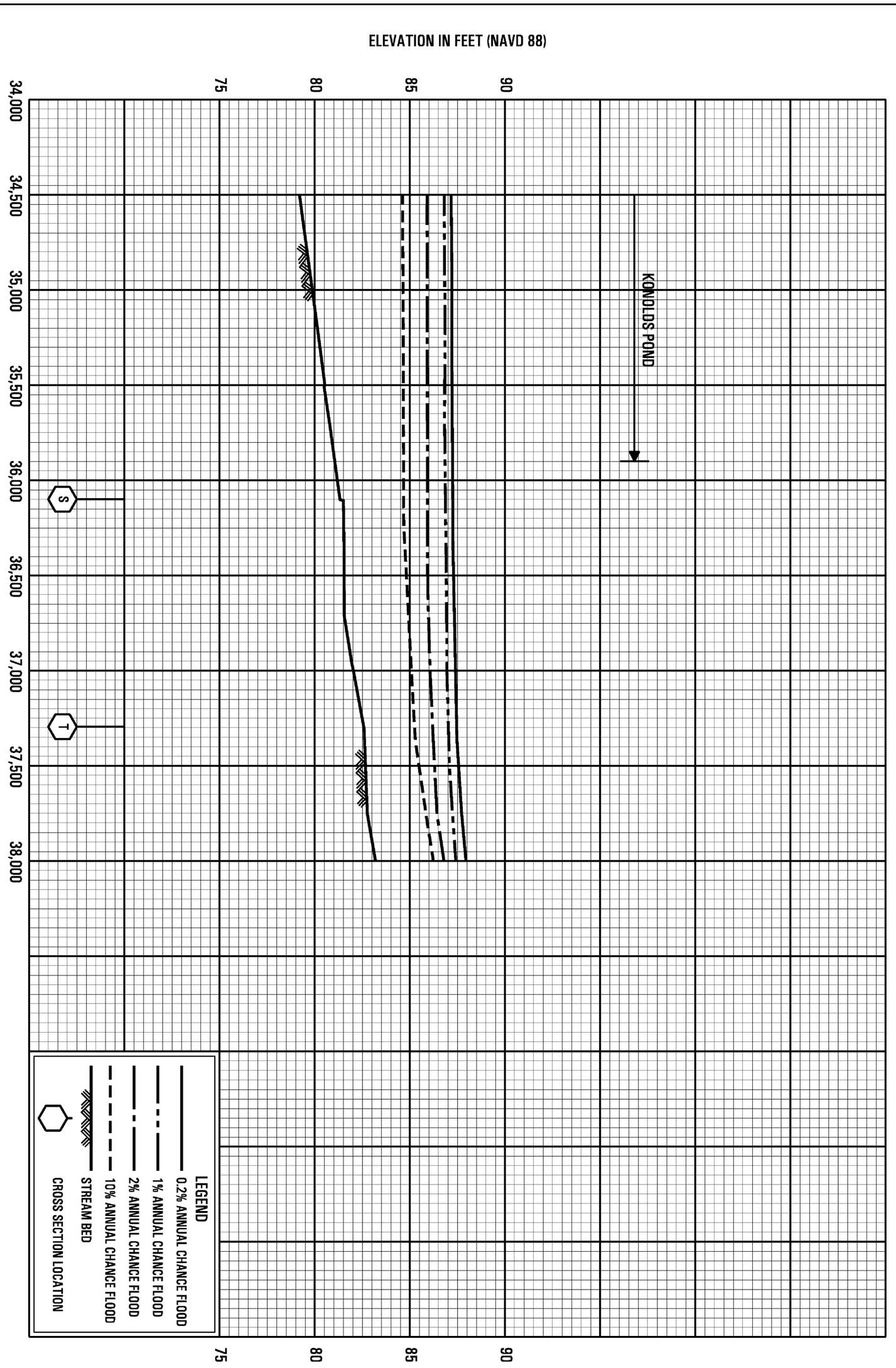
FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WEST RIVER NO. 2



FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WEST RIVER NO. 2

ELEVATION IN FEET (NAVD 88)

115
110
105
100
95
90
85
80

LIMIT OF DETAILED STUDY

U
V
W

38,000 38,500 39,000 39,500 40,000 40,500 41,000 41,500 42,000

STREAM DISTANCE IN FEET ABOVE MOUTH

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

WEST RIVER NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

448P

FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

449P

ELEVATION IN FEET (NAVD 88)

60
55
50
45
40
35
30
25
20

WHARTON BROOK CONNECTOR

NORTHFIELD ROAD

G H I J K L M N O P Q R S T U V

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

4,500 5,000 5,500 6,000 6,500 7,000 7,500 8,000 8,500 9,000 9,500 10,000 10,500

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH QUINNIPIAC RIVER

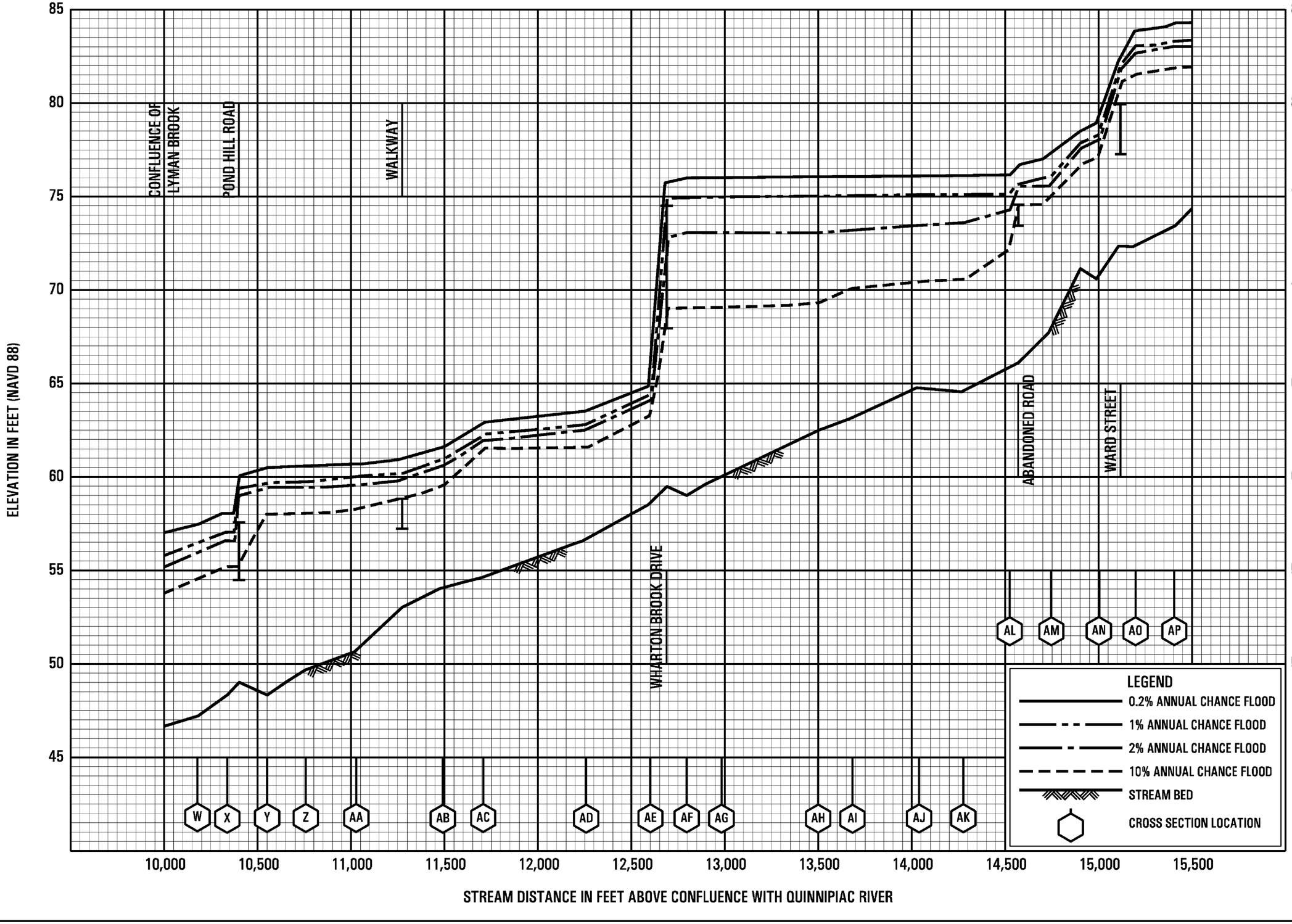
FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



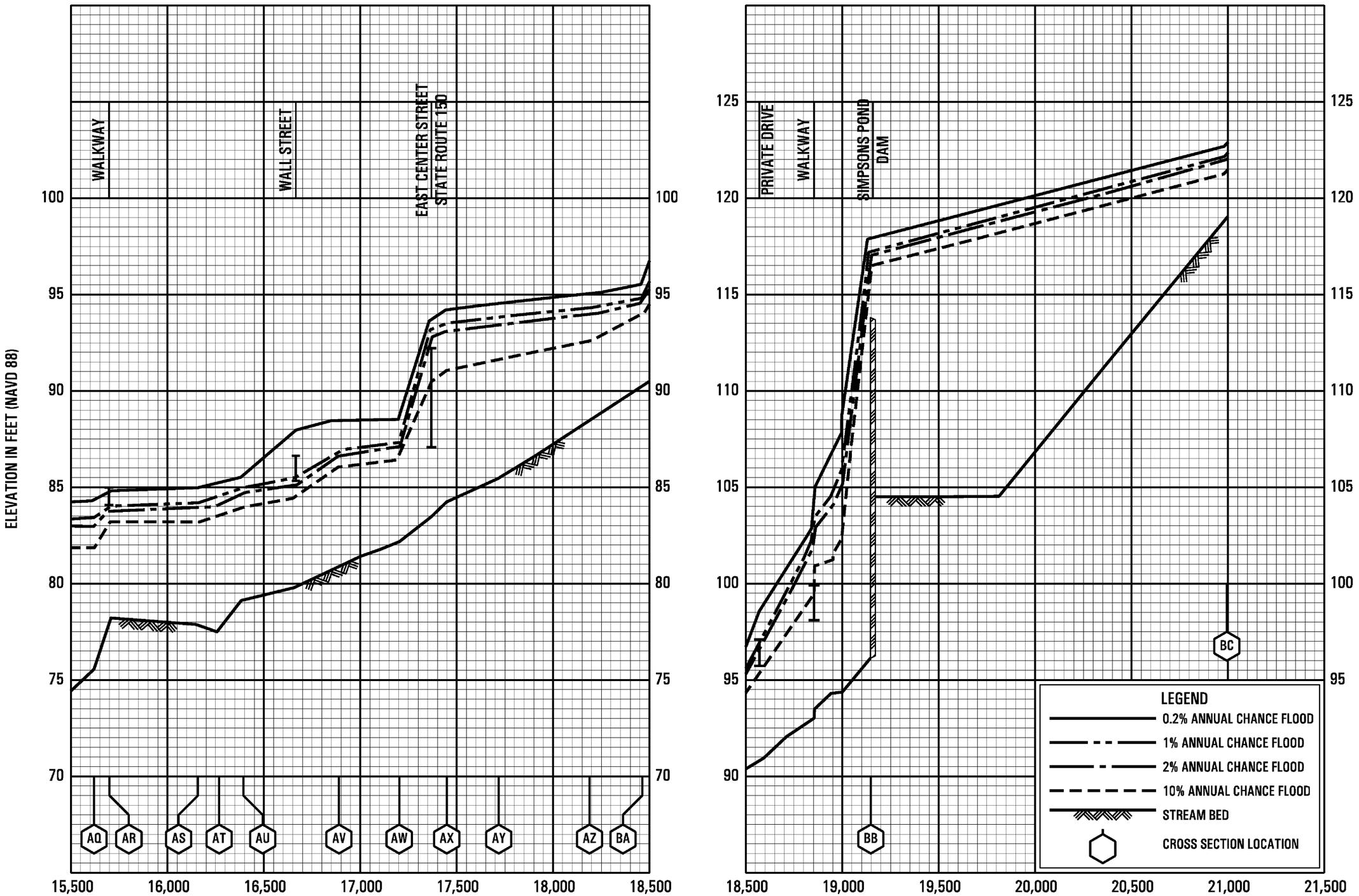
FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

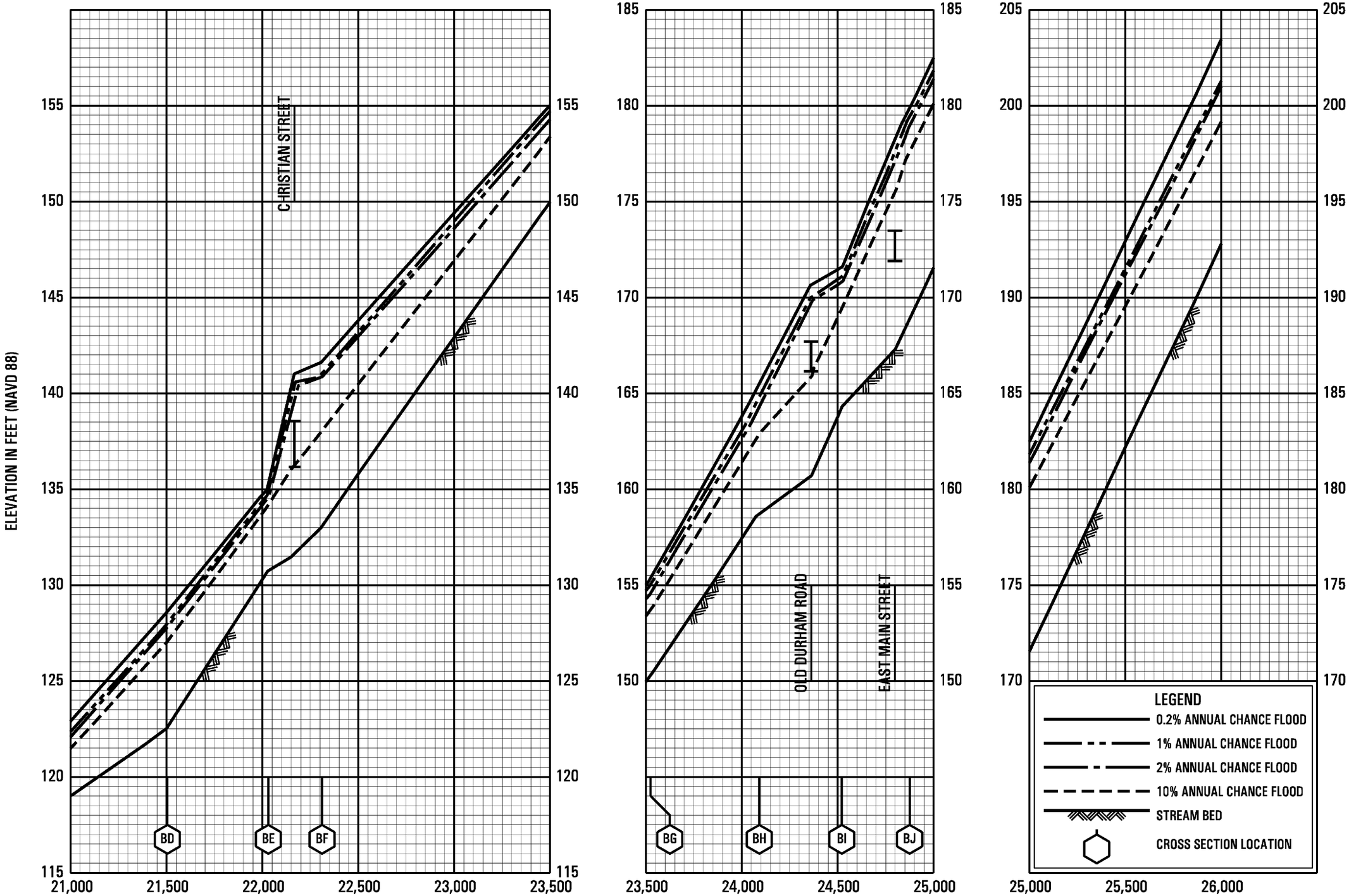
WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

452P



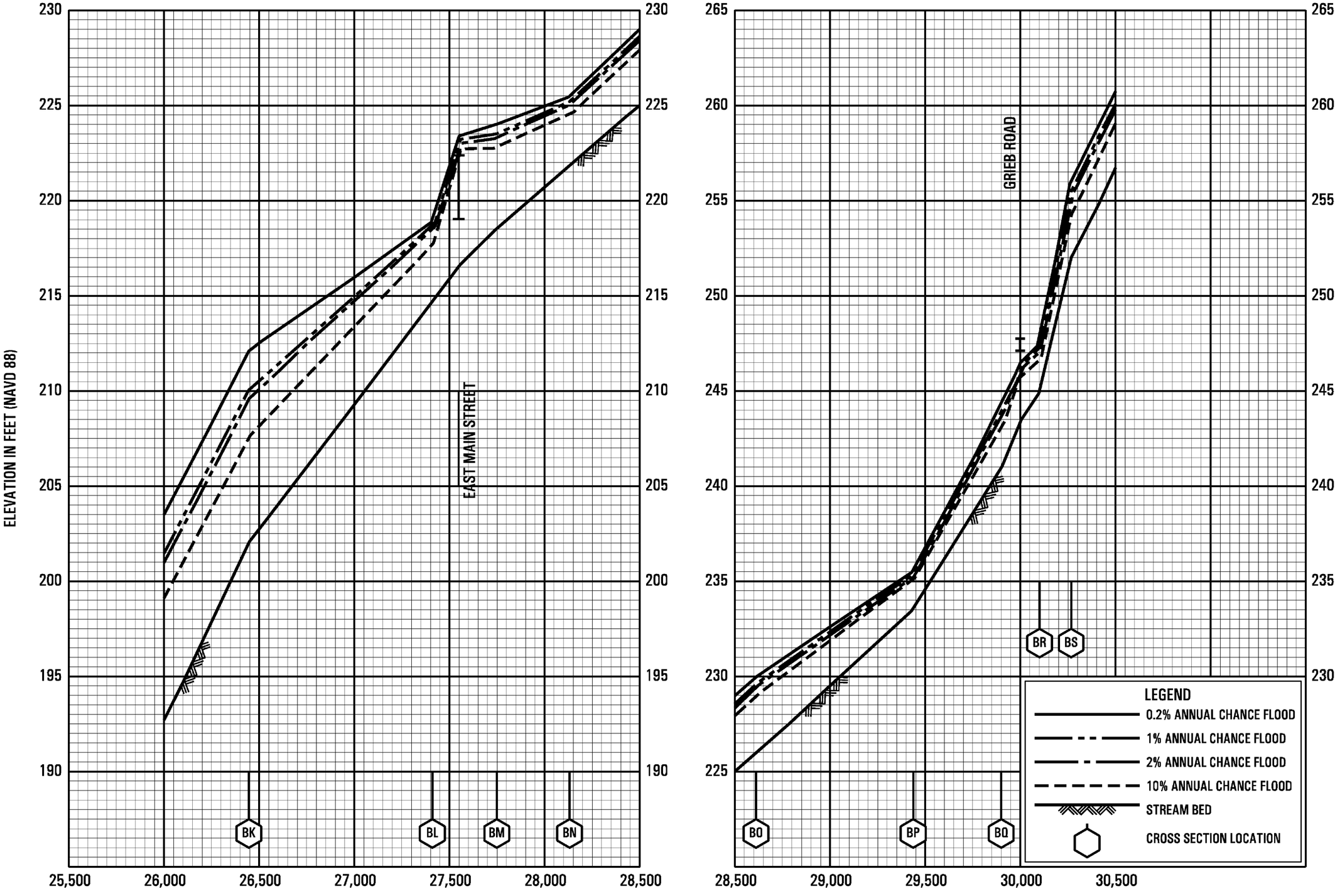
FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



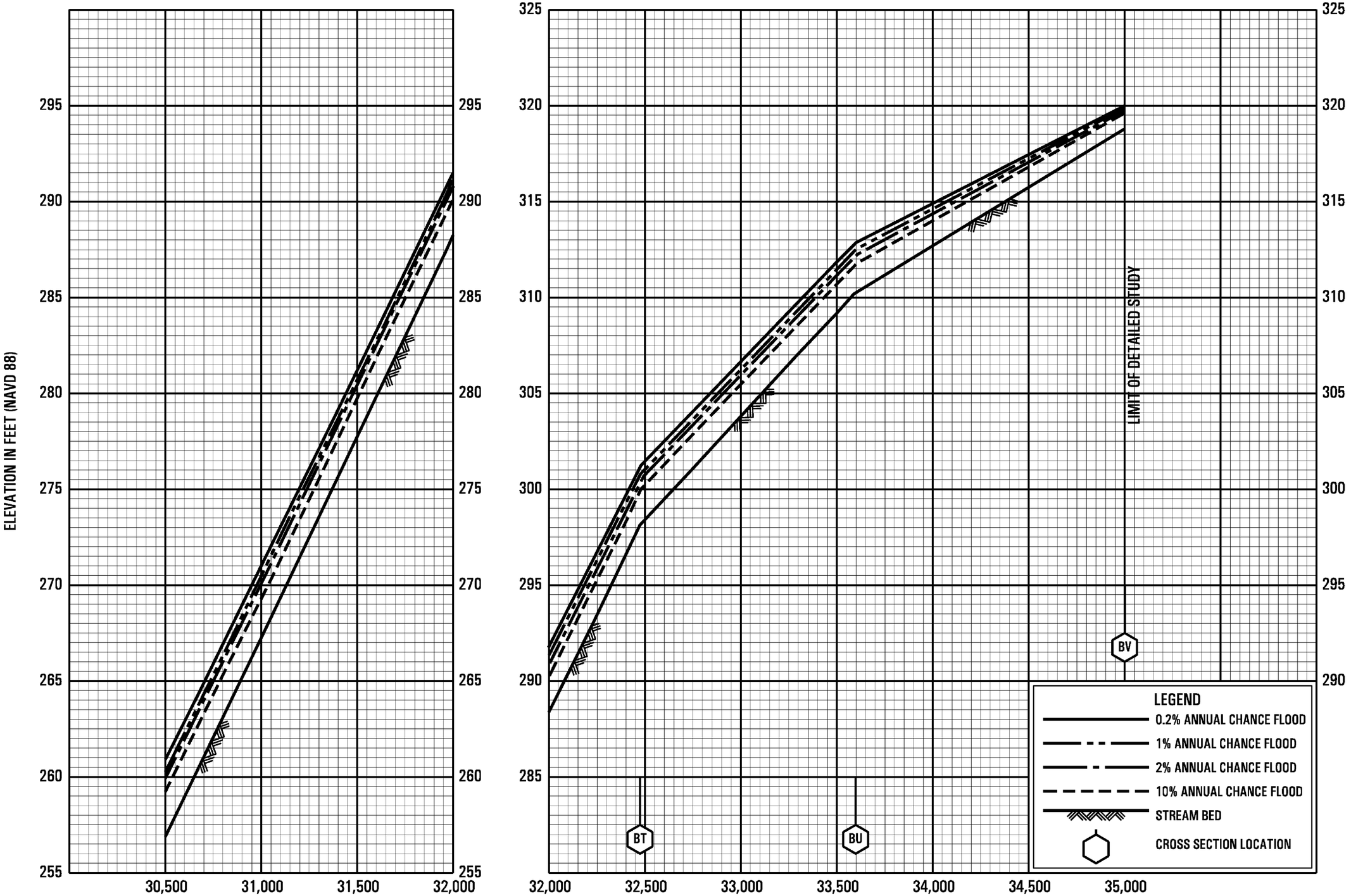
FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



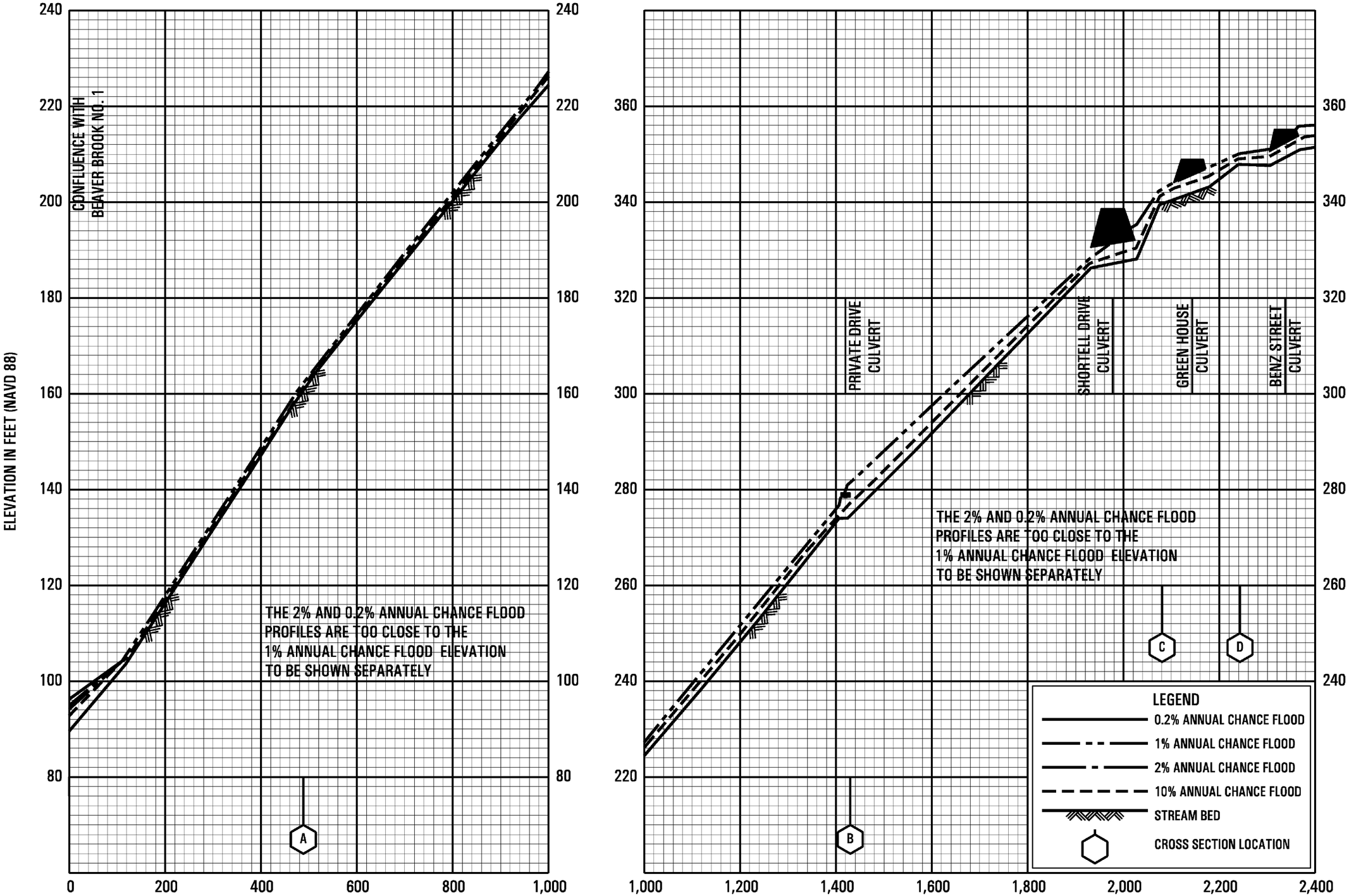
FLOOD PROFILES

WHARTON BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



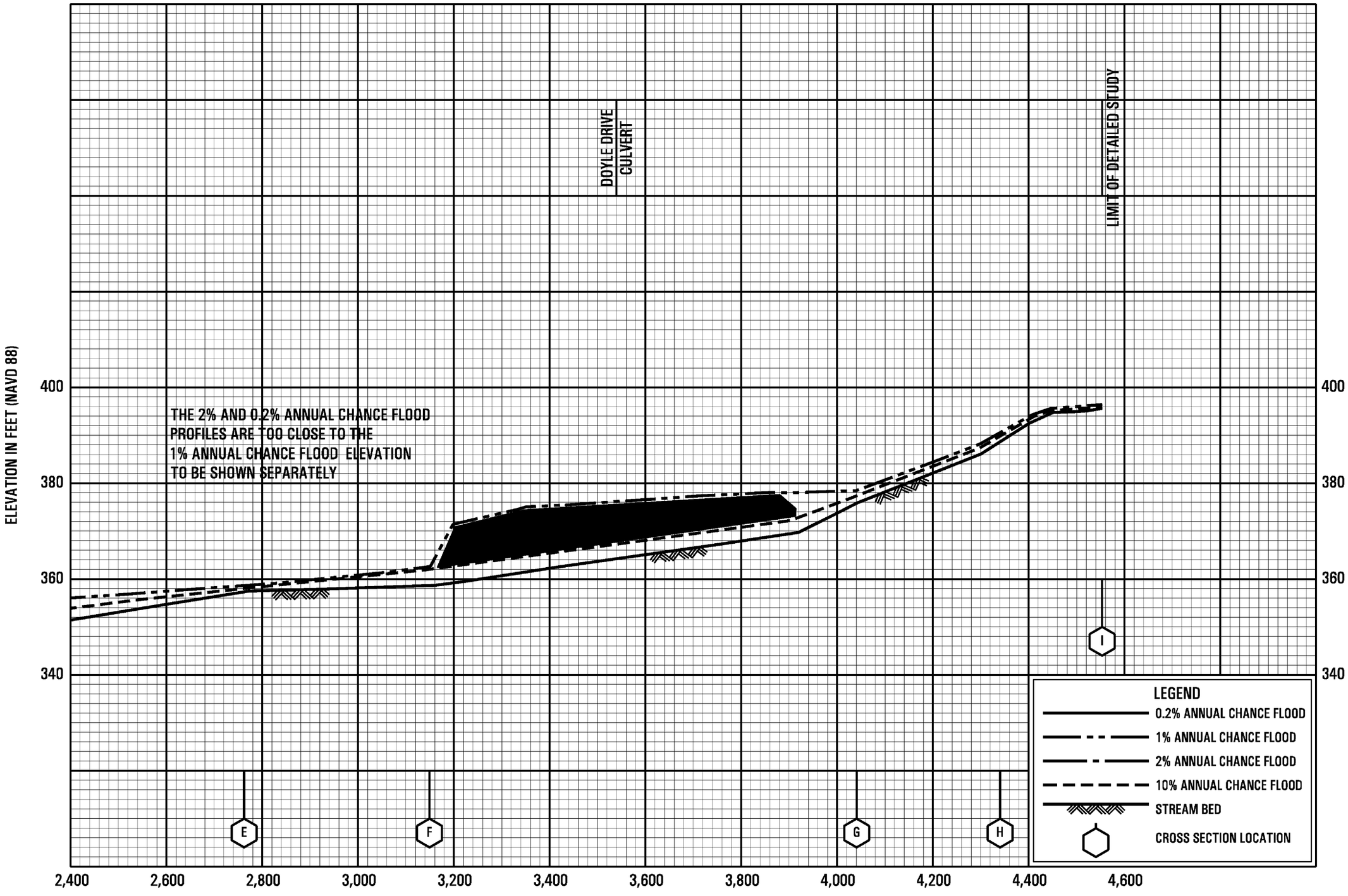
FLOOD PROFILES

WHITEMARE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



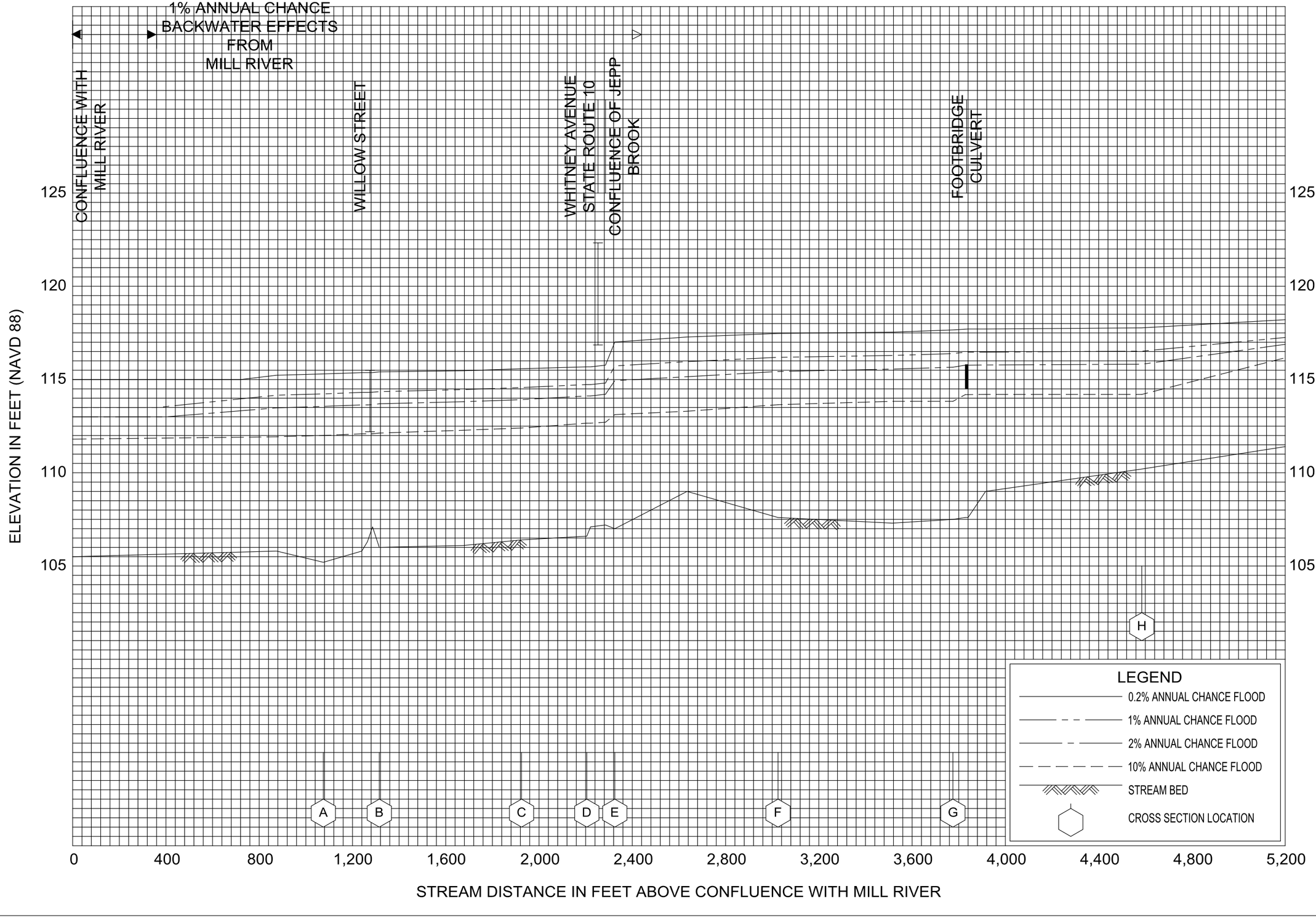
FLOOD PROFILES

WHITEMARE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

WILLOW BROOK NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

458P

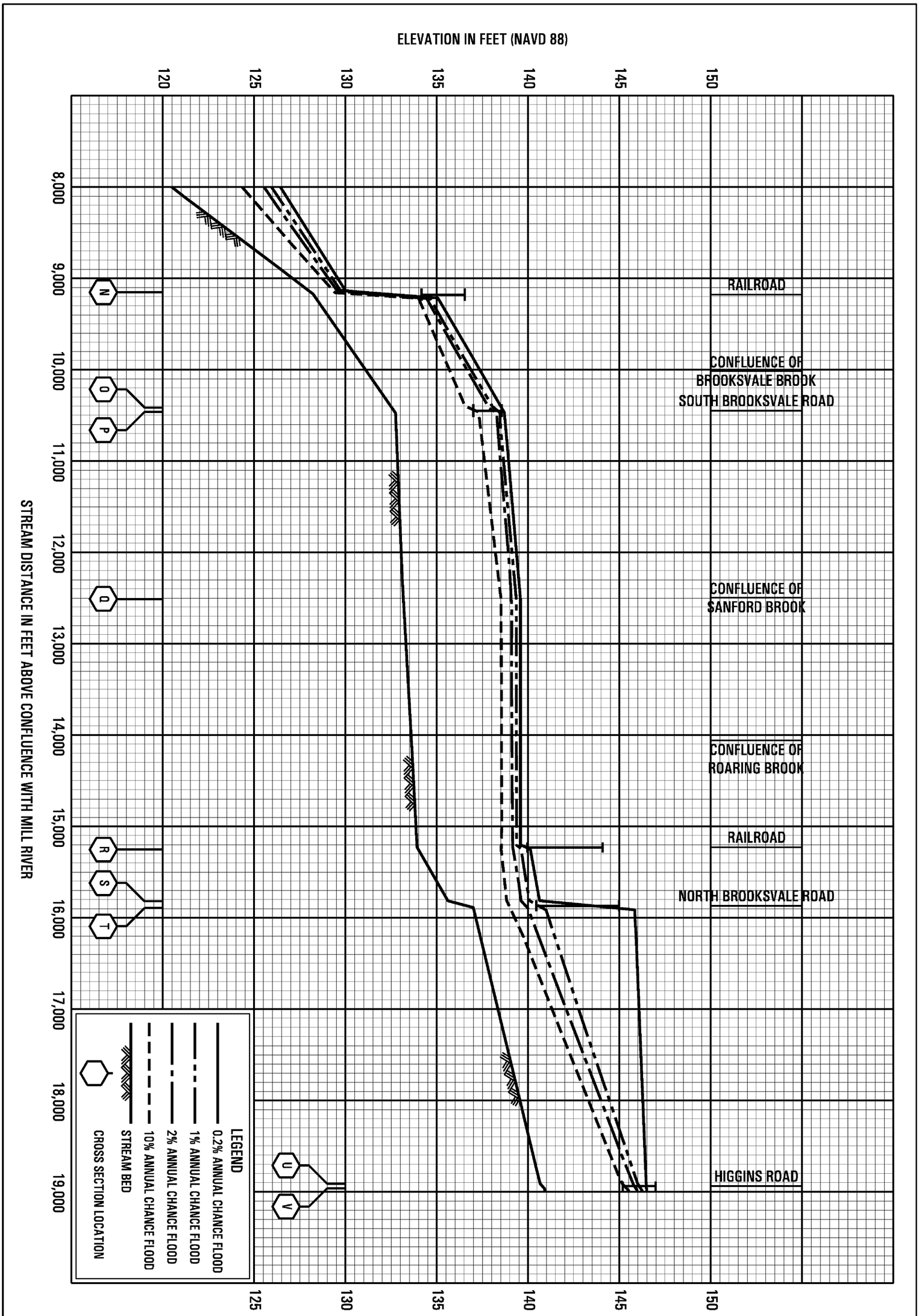
FLOOD PROFILES

WILLOW BROOK NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



460P

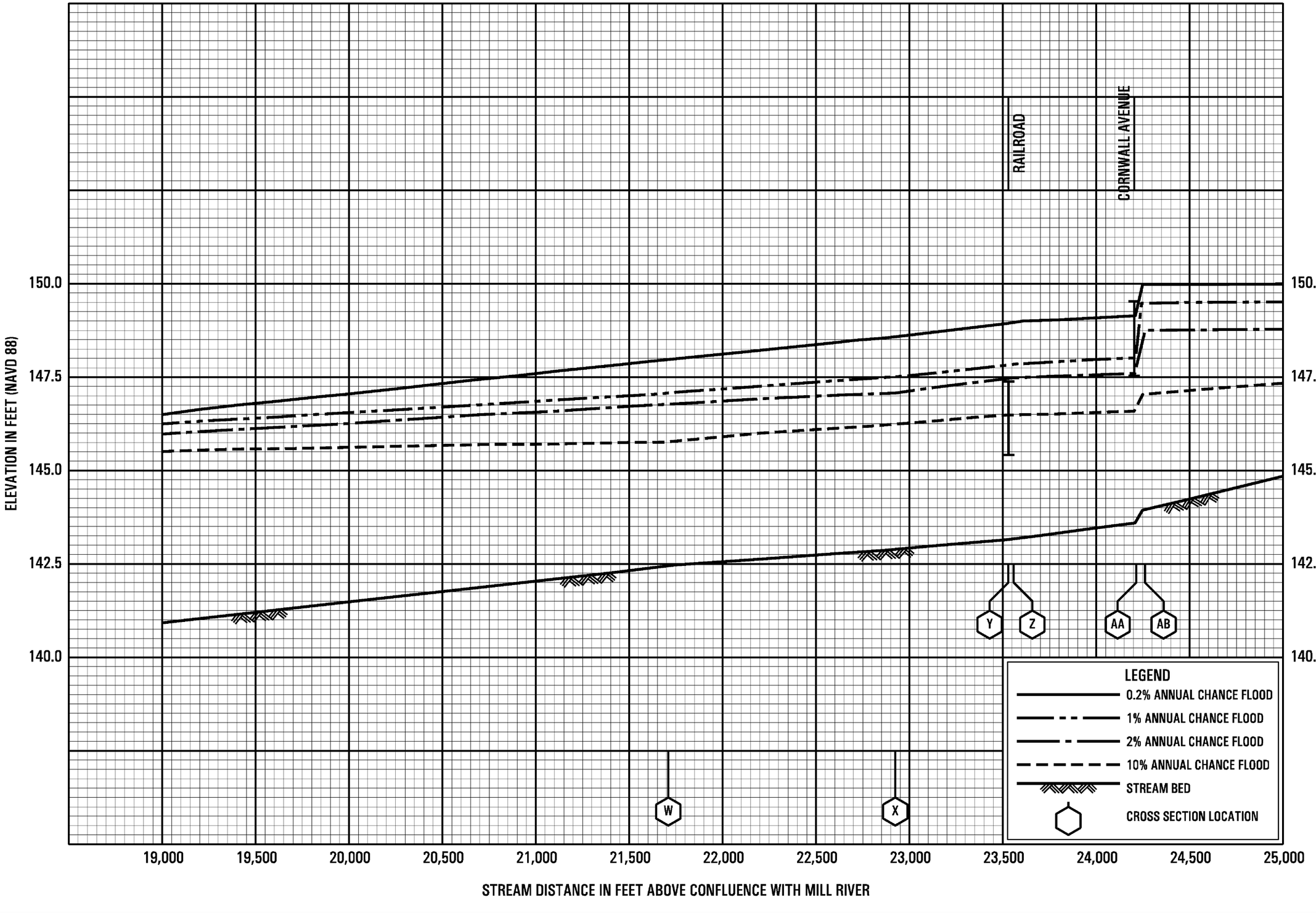
FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WILLOW BROOK NO. 1



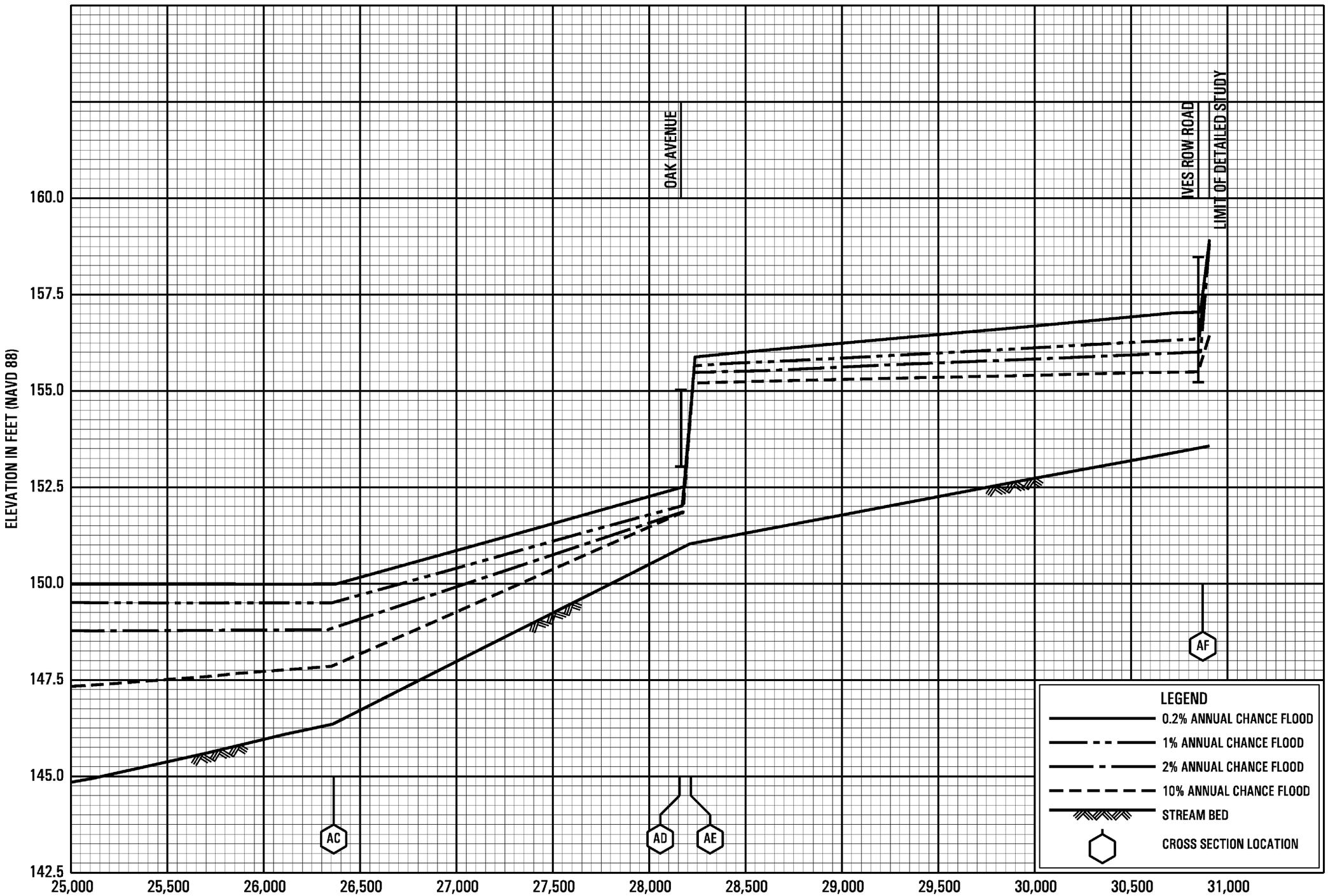
FLOOD PROFILES

WILLOW BROOK NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



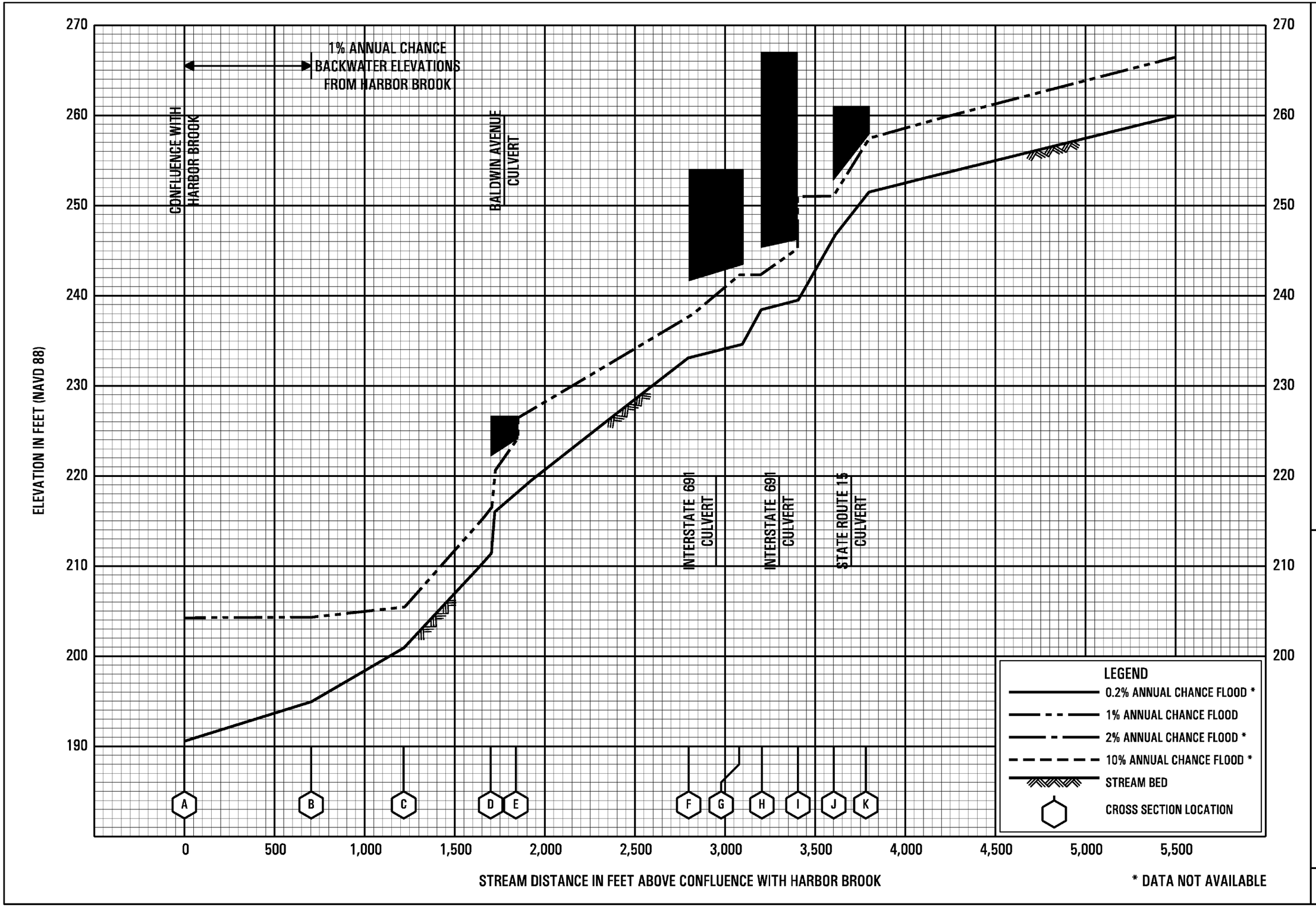
FLOOD PROFILES

WILLOW BROOK NO. 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



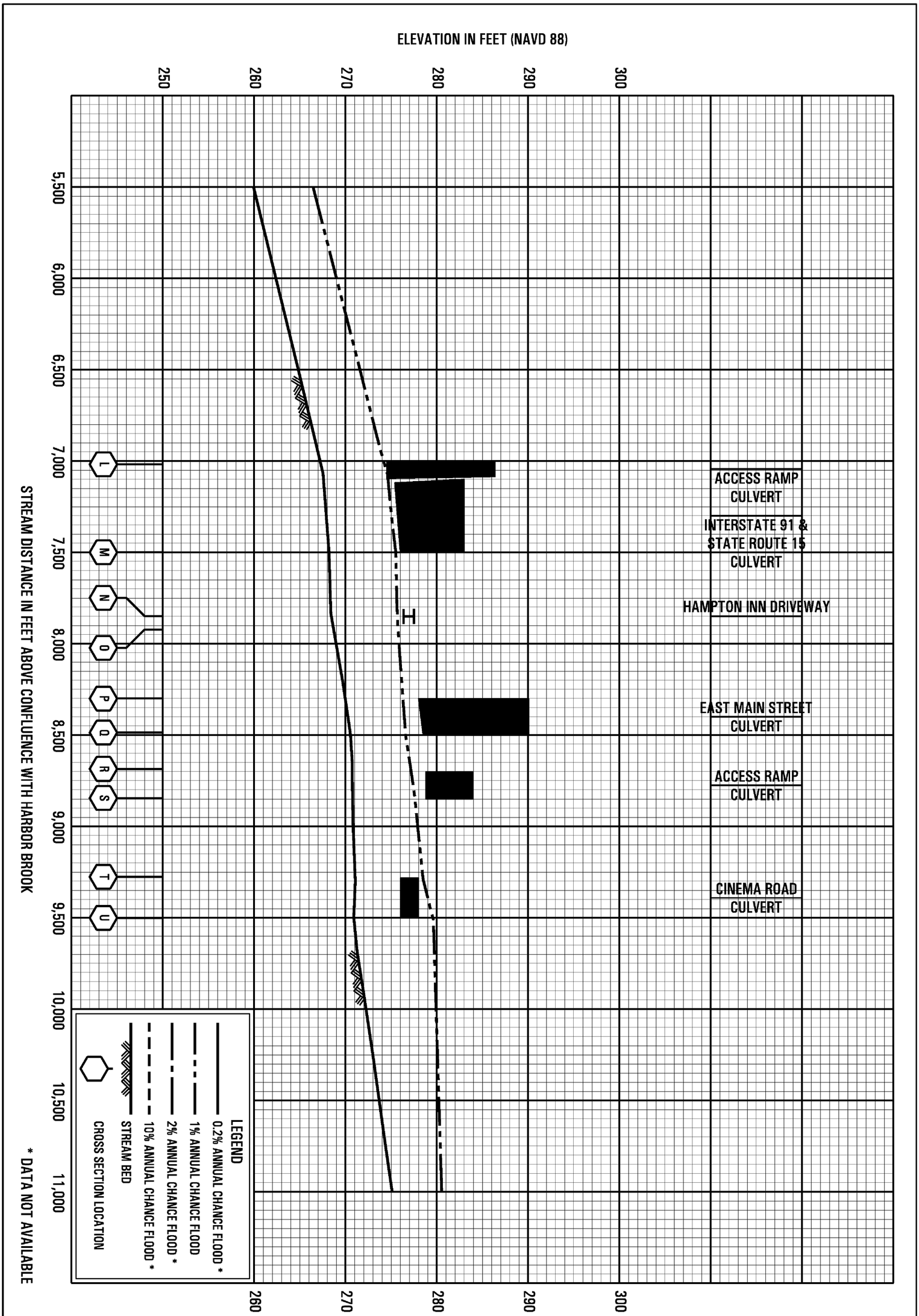
FLOOD PROFILES

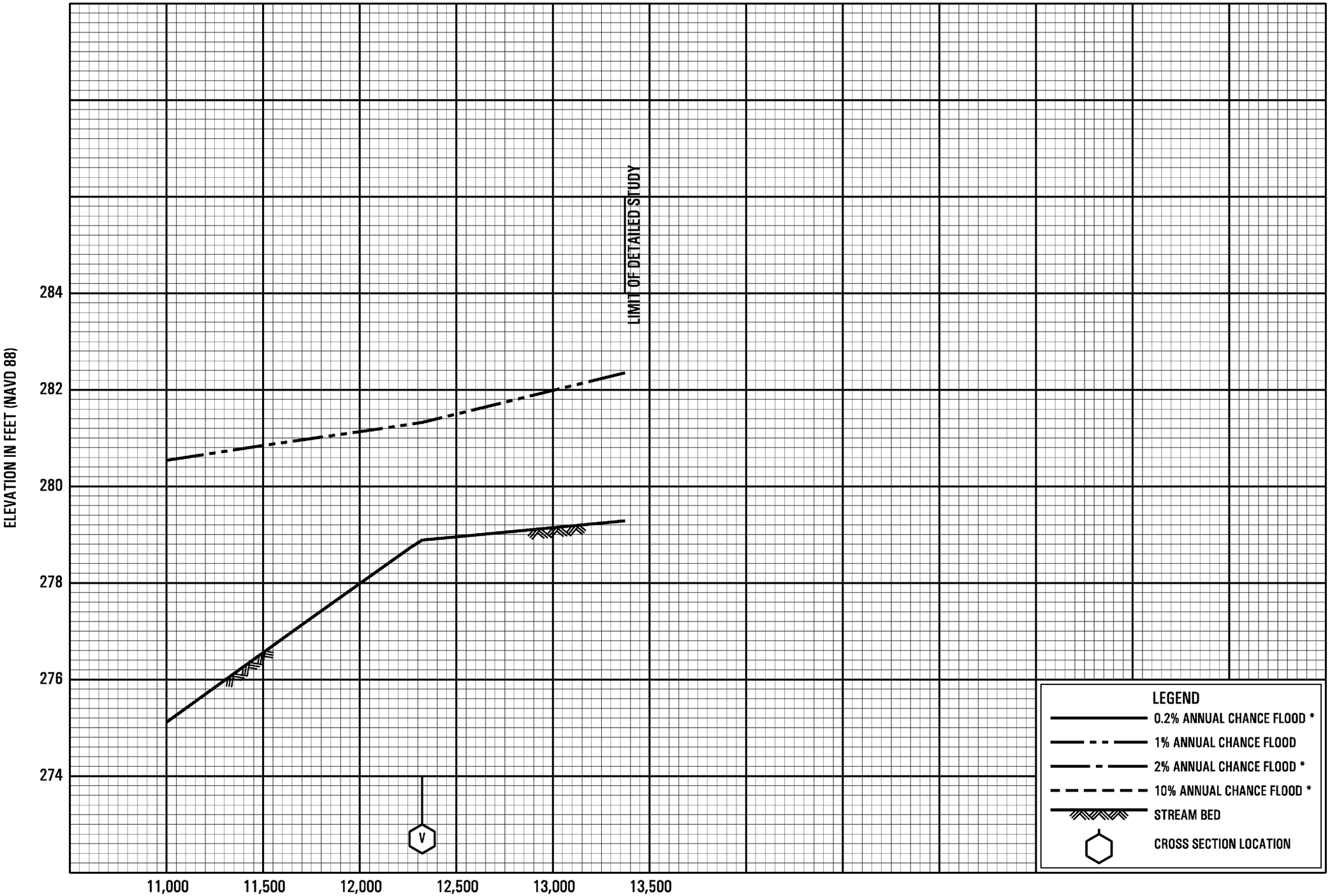
WILLOW BROOK NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)


ELEVATION IN FEET (NAVD 88)
250
260
270
280
290
300
5,500
6,000
6,500
7,000
7,500
8,000
8,500
9,000
9,500
10,000
10,500
11,000
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH HARBOR BROOK
L
M
N
O
P
Q
R
S
T
U
H
ACCESS RAMP CULVERT
INTERSTATE 91 & STATE ROUTE 15 CULVERT
HAMPTON INN DRIVEWAY
EAST MAIN STREET CULVERT
ACCESS RAMP CULVERT
CINEMA ROAD CULVERT
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



* DATA NOT AVAILABLE

FLOOD PROFILES

WILLOW BROOK NO. 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOODING CONTROLLED BY WEST RIVER NO. 2

CONFLUENCE OF BEAVER BROOK NO. 3

BLAKE STREET

WATER PIPELINE

CONFLUENCE WITH WEST RIVER NO. 2

ELEVATION IN FEET (NAVD 88)

30
25
20
15
10
5
0

0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000

STREAM DISTANCE IN FEET ABOVE MOUTH

A
B
C

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

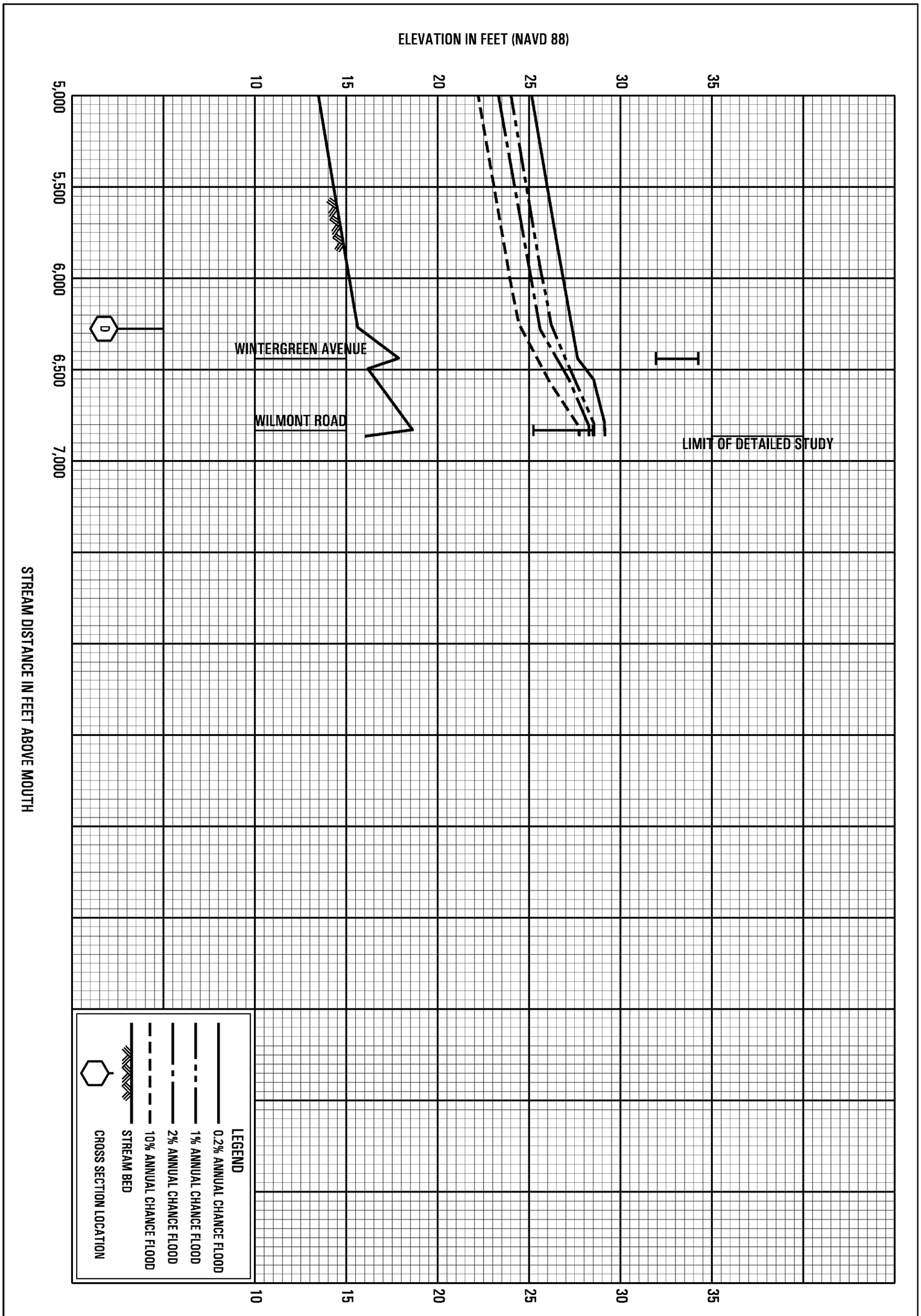
FLOOD PROFILES

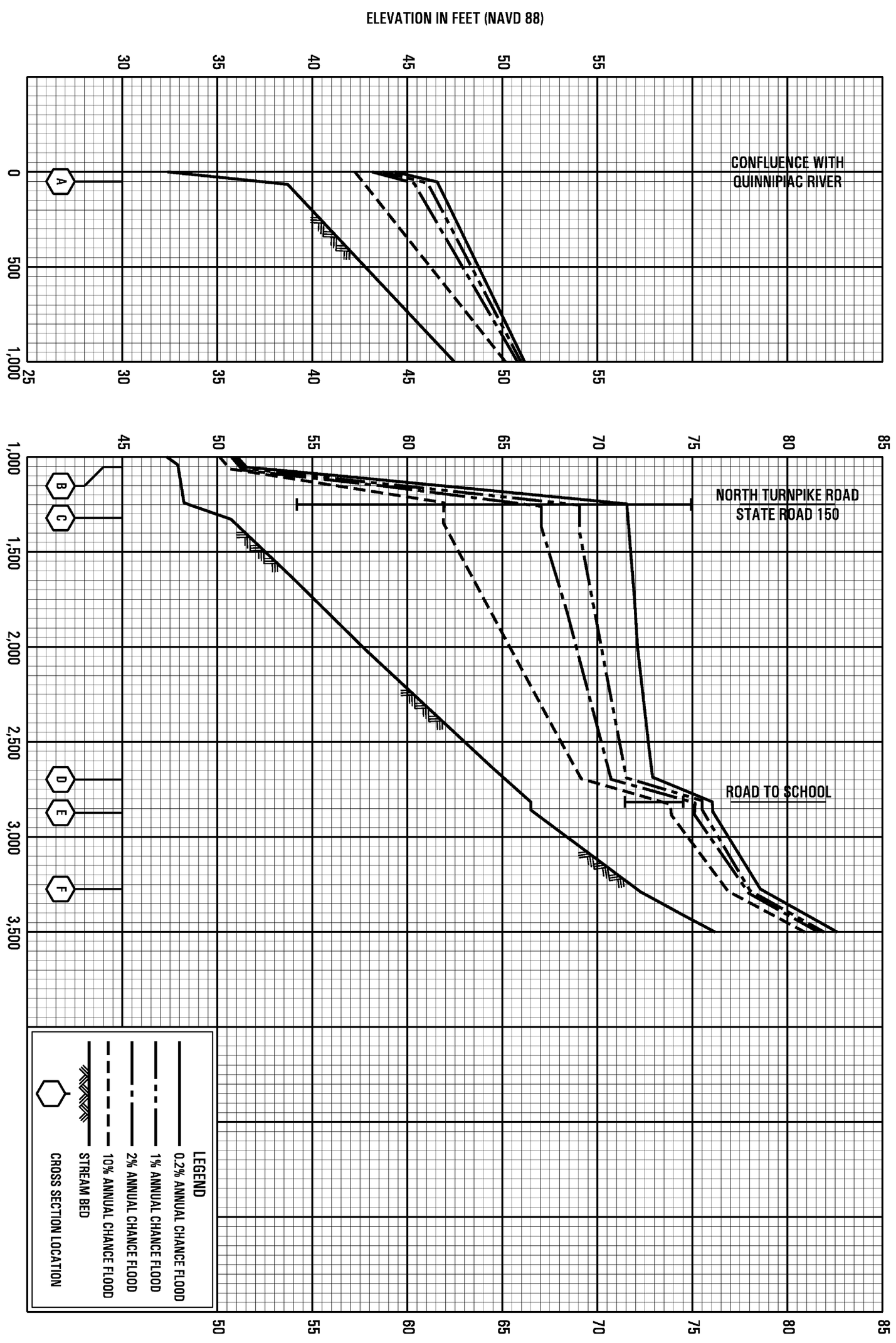
WINTERGREEN BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)


ELEVATION IN FEET (NAVD 88)
10
15
20
25
30
35
5,000
5,500
6,000
6,500
7,000
D
WINTERGREEN AVENUE
WILMONT ROAD
LIMIT OF DETAILED STUDY
STREAM DISTANCE IN FEET ABOVE MOUTH
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION



468P	FEDERAL EMERGENCY MANAGEMENT AGENCY NEW HAVEN COUNTY, CT (ALL JURISDICTIONS)	FLOOD PROFILES WOODINGS POND BROOK

FLOOD PROFILES

WOODINGS POND BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

469P

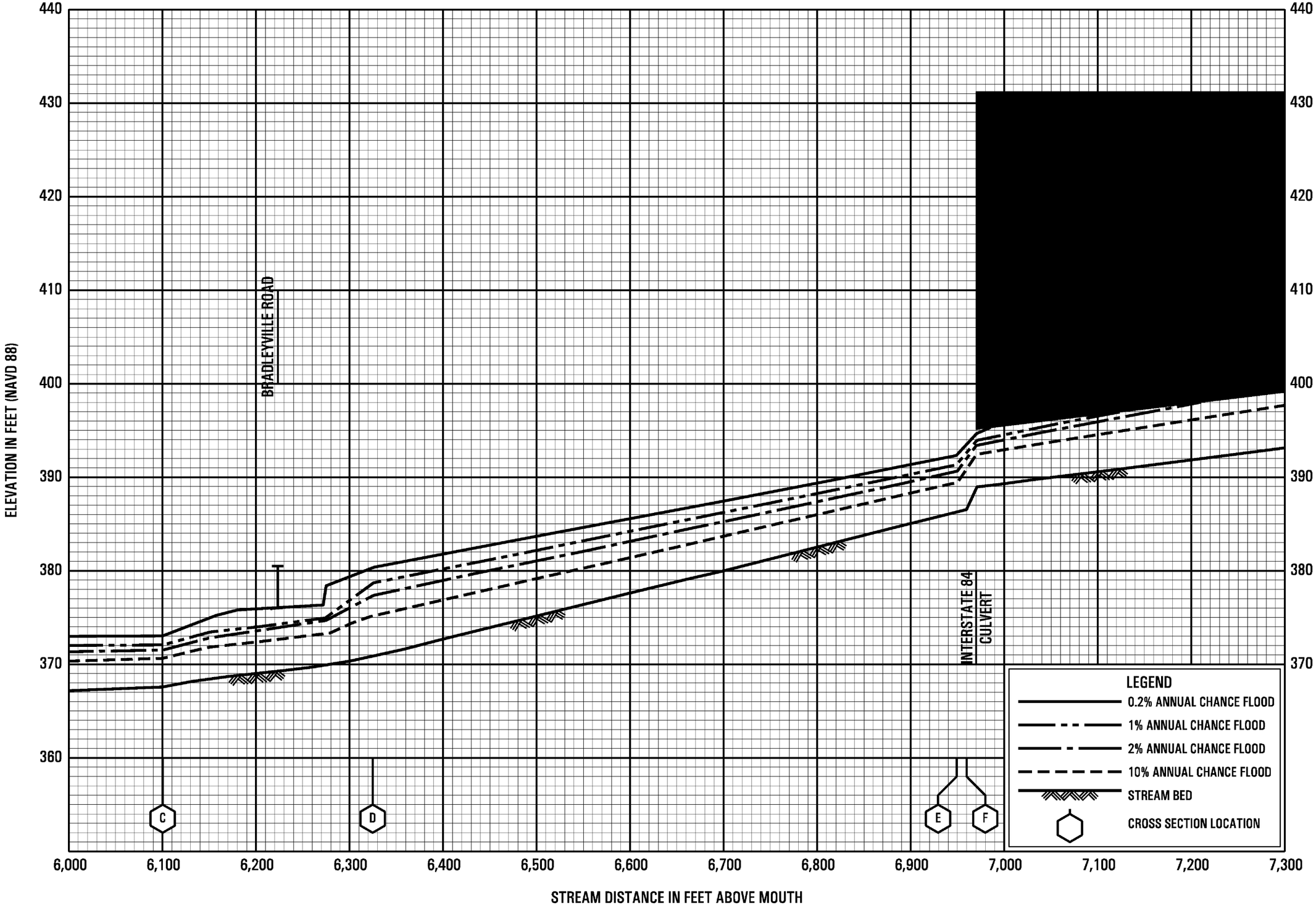
FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

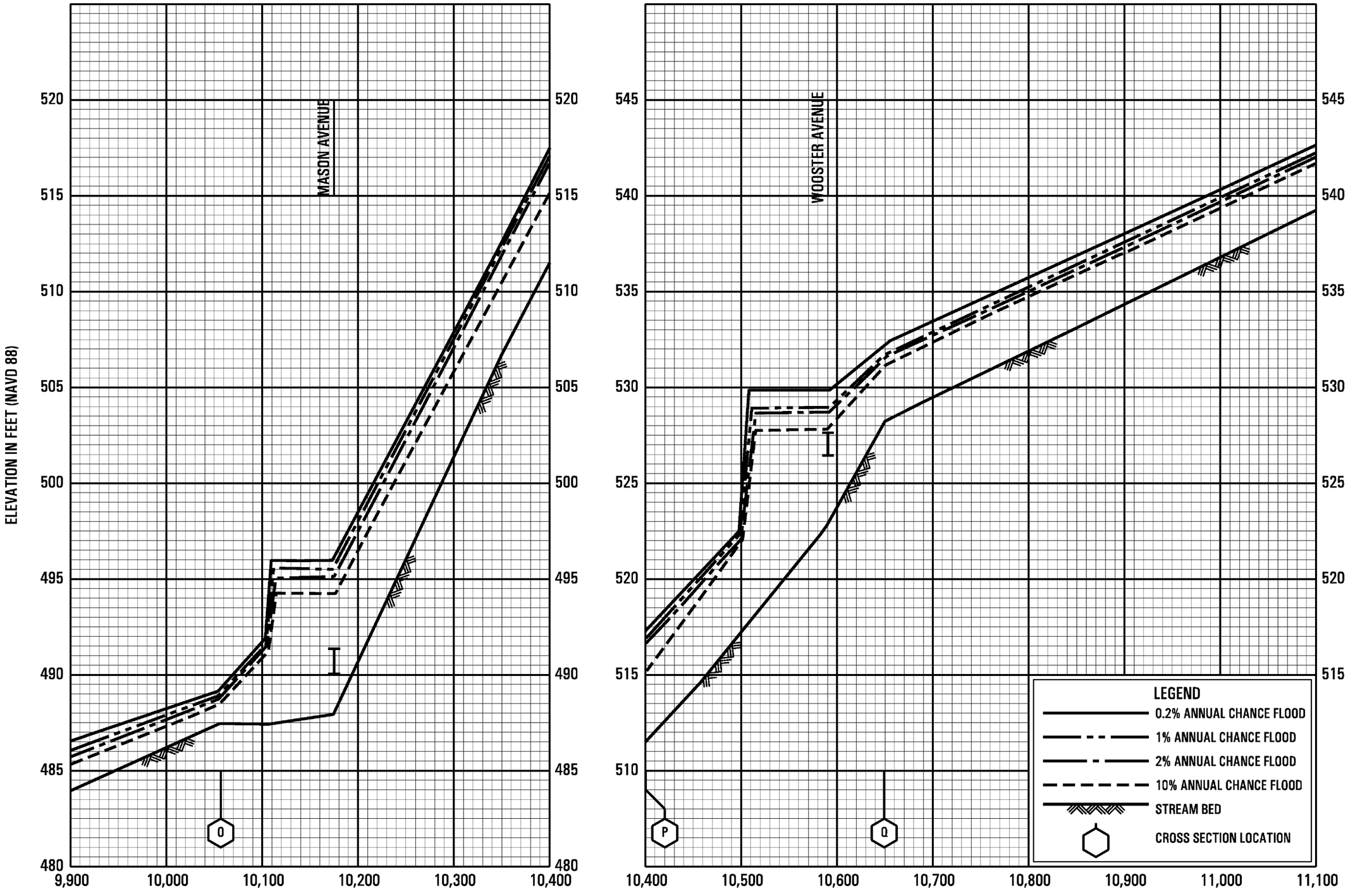
FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



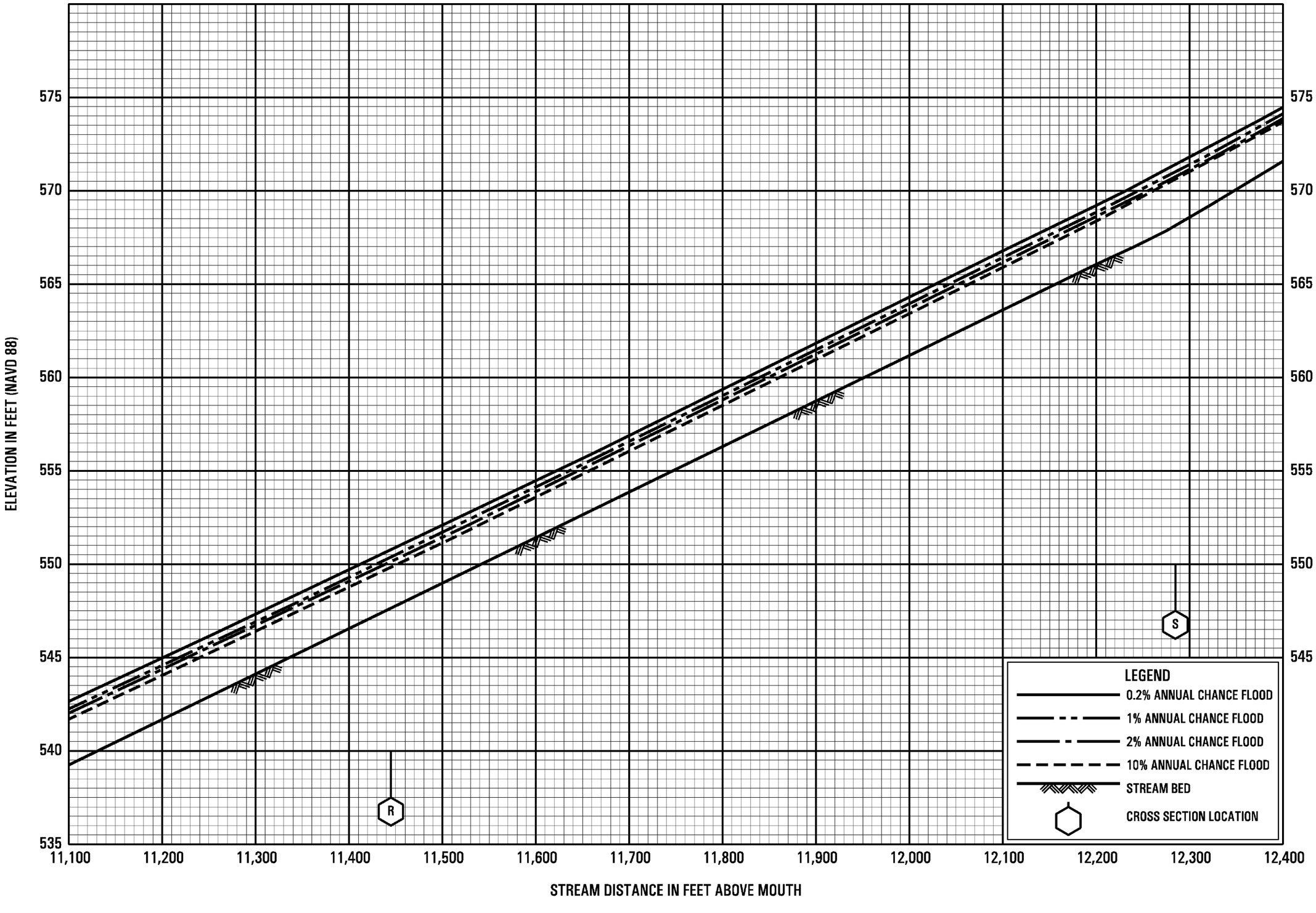
FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)



FLOOD PROFILES

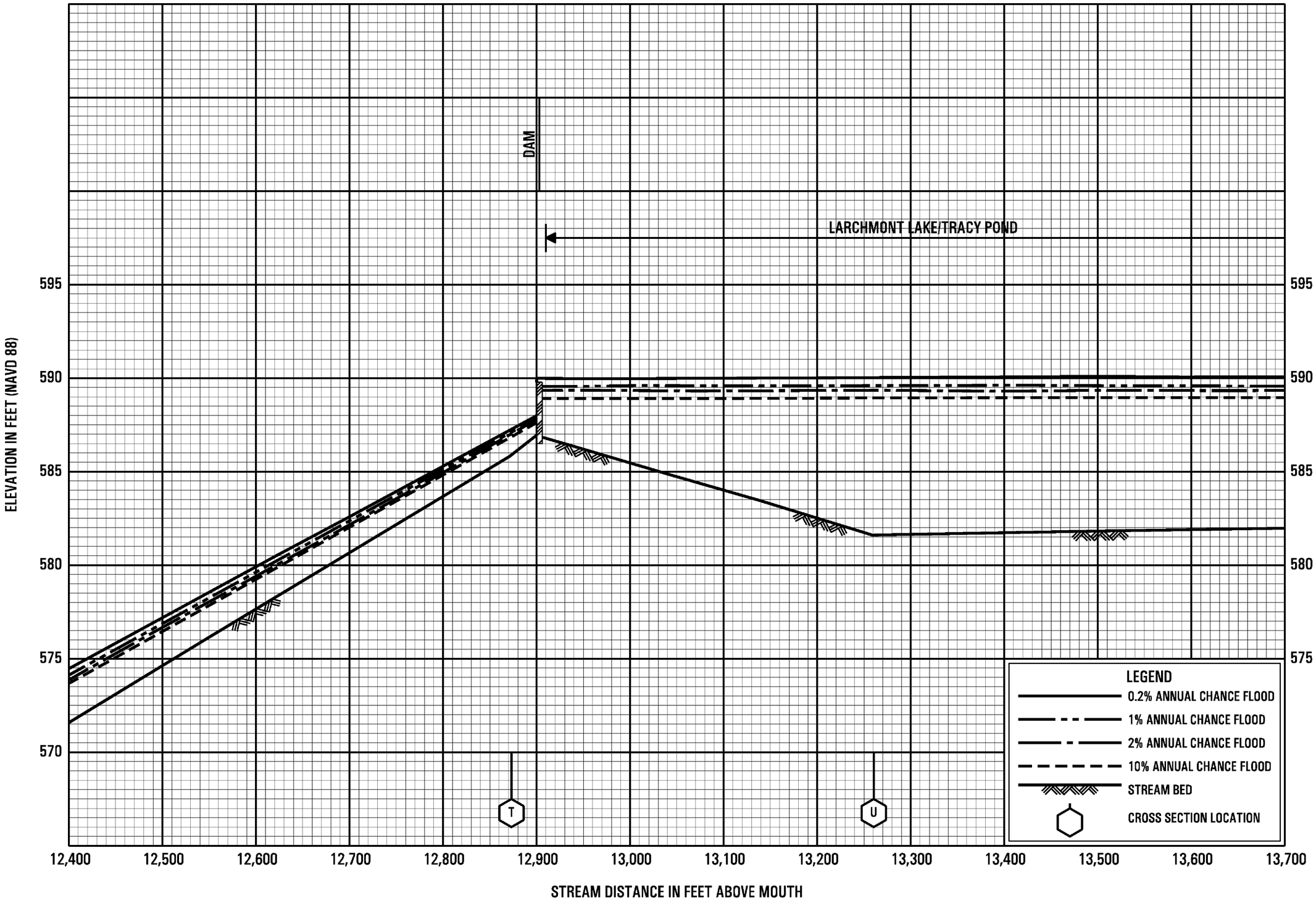
WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

475P



FLOOD PROFILES

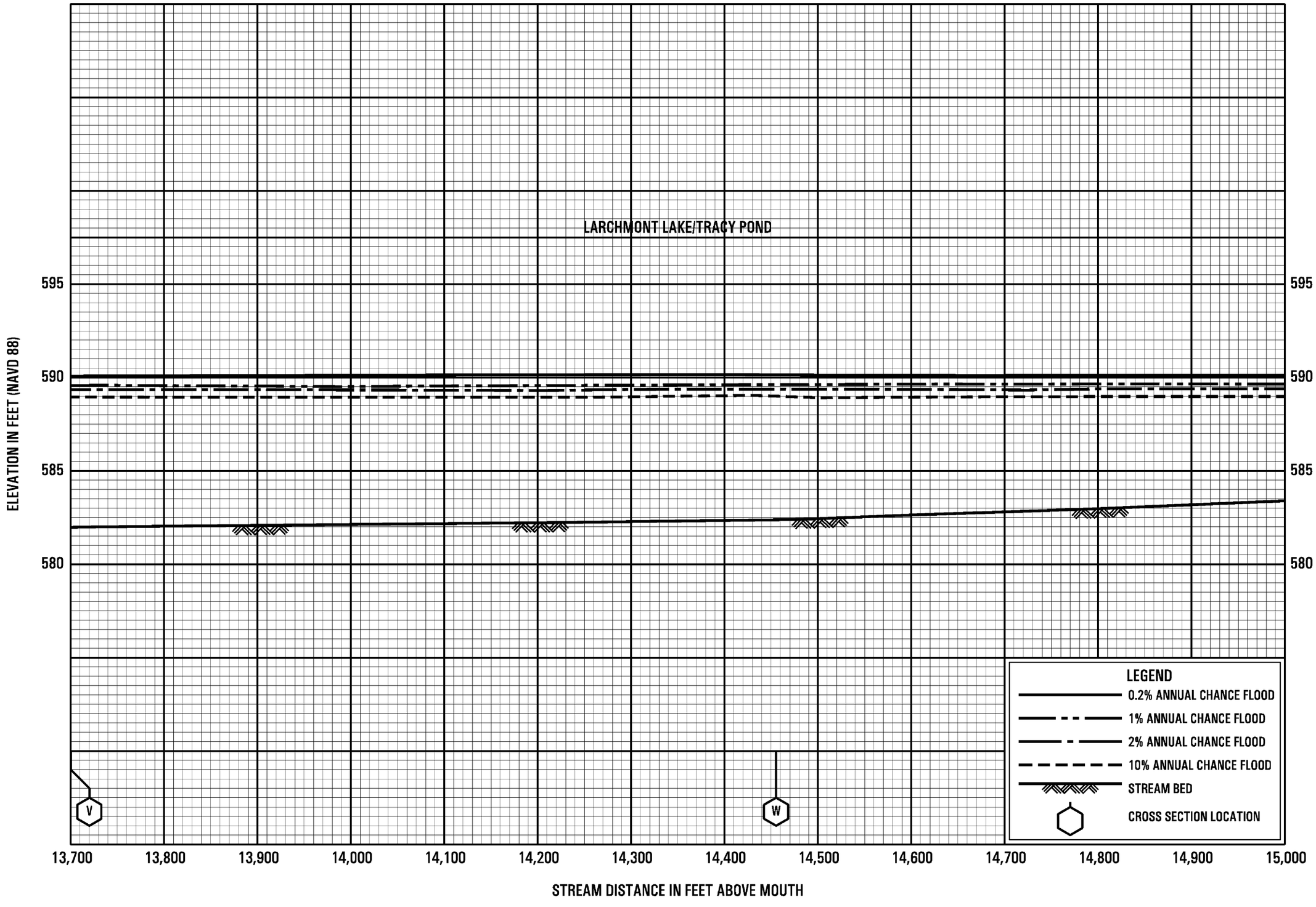
WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

476P



FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)

FLOOD PROFILES

WOOSTER BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

NEW HAVEN COUNTY, CT

(ALL JURISDICTIONS)