# FLOOD INSURANCE STUDY

**VOLUME 5 OF 6**

# BERGEN COUNTY, NEW JERSEY
## (ALL JURISDICTIONS)

| COMMUNITY NAME | COMMUNITY NUMBER |
|---|---|
| ALLENDALE, BOROUGH OF | 340019 |
| ALPINE, BOROUGH OF* | 340581 |
| BERGENFIELD, BOROUGH OF | 340020 |
| BOGOTA, BOROUGH OF | 340021 |
| CARLSTADT, BOROUGH OF | 340022 |
| CLIFFSIDE PARK, BOROUGH OF* | 340582 |
| CLOSTER, BOROUGH OF | 340023 |
| CRESSKILL, BOROUGH OF | 340024 |
| DEMAREST, BOROUGH OF | 340025 |
| DUMONT, BOROUGH OF | 340026 |
| EAST RUTHERFORD, BOROUGH OF | 340028 |
| EDGEWATER, BOROUGH OF | 340029 |
| ELMWOOD PARK, BOROUGH OF | 340500 |
| EMERSON, BOROUGH OF | 340030 |
| ENGLEWOOD, CITY OF | 340031 |
| ENGLEWOOD CLIFFS, BOROUGH OF* | 340580 |
| FAIR LAWN, BOROUGH OF | 340033' |
| FORT LEE, BOROUGH OF* | 340035 |
| FAIRVIEW, BOROUGH OF | 340034 |
| FRANKLIN LAKES, BOROUGH OF | 340036 |
| GARFIELD, CITY OF | 340037 |
| GLEN ROCK, BOROUGH OF | 340038 |
| HACKENSACK, CITY OF | 340039 |
| HARRINGTON PARK, BOROUGH OF | 340040 |
| HASBROUCK HEIGHTS, BOROUGH OF | 340041 |
| HAWORTH, BOROUGH OF | 340042 |
| HILLSDALE, BOROUGH OF | 340043 |
| HO-HO-KUS, BOROUGH OF | 340044 |
| LEONIA, BOROUGH OF | 340045 |
| LITTLE FERRY, BOROUGH OF | 340046 |
| LODI, BOROUGH OF | 340047 |
| LYNDHURST, TOWNSHIP OF | 340048 |
| MAHWAH, TOWNSHIP OF | 340049 |
| MAYWOOD, BOROUGH OF | 340050 |
| MIDLAND PARK, BOROUGH OF | 340051 |
| MONTVALE, BOROUGH OF | 340052 |
| MOONACHIE, BOROUGH OF | 340053 |
| NEW JERSEY MEADOWLANDS COMMISSION | 340570 |
| NEW MILFORD, BOROUGH OF | 340054 |
| NORTH ARLINGTON, BOROUGH OF | 340055 |
| NORTHVALE, BOROUGH OF | 340056 |
| NORWOOD, BOROUGH OF | 340057 |
| OAKLAND, BOROUGH OF | 345309 |
| OLD TAPPAN, BOROUGH OF | 340059 |
| ORADELL, BOROUGH OF | 340060 |
| PALISADES PARK, BOROUGH OF | 340061 |
| PARAMUS, BOROUGH OF | 340062 |
| PARK RIDGE, BOROUGH OF | 340063 |
| RAMSEY, BOROUGH OF | 340064 |
| RIDGEFIELD, BOROUGH OF | 340065 |
| RIDGEFIELD PARK, VILLAGE OF | 340066 |
| RIDGEWOOD, VILLAGE OF | 340067 |
| RIVER EDGE, BOROUGH OF | 340068 |
| RIVER VALE, TOWNSHIP OF | 340069 |
| ROCHELLE PARK, TOWNSHIP OF | 340070 |
| ROCKLEIGH, BOROUGH OF | 340071 |
| RUTHERFORD, BOROUGH OF | 340072 |
| SADDLE BROOK, TOWNSHIP OF | 340074 |
| SADDLE RIVER, BOROUGH OF | 340073 |
| SOUTH HACKENSACK, TOWNSHIP OF | 340515 |
| TEANECK, TOWNSHIP OF | 340075 |
| TENAFLY, BOROUGH OF | 340076 |
| TETERBORO, BOROUGH OF* | 340537 |
| UPPER SADDLE RIVER, BOROUGH OF | 340077 |
| WALDWICK, BOROUGH OF | 340078 |
| WALLINGTON, BOROUGH OF | 340079 |
| WASHINGTON, TOWNSHIP OF | 340080 |
| WESTWOOD, BOROUGH OF | 340081 |
| WOODCLIFF LAKE, BOROUGH OF | 340082 |
| WOOD-RIDGE, BOROUGH OF | 340083 |
| WYCKOFF, TOWNSHIP OF | 340084 |

*No Special Flood Hazard Areas Identified

REVISED:
AUGUST 28, 2019

**FLOOD INSURANCE STUDY NUMBER**
**34003CV005B**

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all available data. It is advisable to contact the FEMA Library 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 or the FEMA Map Service Center to obtain the most current FIS components.

Initial Countywide FIS Effective Date: September 20, 1995

Revised Countywide FIS Dates:

December 8, 1998 - to add Base Flood Elevations and Special Flood Hazard Areas; and to update Base Flood elevations, Special Flood Hazard Areas, and zone designations.

September 30, 2005 - to update Base Flood Elevations and Special Flood Hazard Areas; and to reflect updated topographic information.

August 28, 2019 – to update Base Flood Elevations and Special Flood Hazard Areas; and to change vertical datum to NAVD88.

REVISED:
AUGUST 28, 2019

TABLE OF CONTENTS – VOLUME 1 – August 28, 2019


| | | Page |
|---|---|---|
| 1.0 | INTRODUCTION | 1 |
| 1.1 | Purpose of Study | 1 |
| 1.2 | Authority and Acknowledgments | 2 |
| 1.3 | Coordination | 16 |
| 2.0 | AREA STUDIED | 18 |
| 2.1 | Scope of Study | 18 |
| 2.2 | Community Description | 22 |
| 2.3 | Principal Flood Problems | 24 |
| 2.4 | Flood Protection Measures | 28 |
| 3.0 | ENGINEERING METHODS | 30 |
| 3.1 | Hydrologic Analyses | 31 |
| 3.2 | Hydraulic Analyses | 59 |
| 3.3 | Coastal Analysis | 79 |
| 3.4 | Vertical Datum | 84 |
| 4.0 | FLOODPLAIN MANAGEMENT APPLICATIONS | 85 |
| 4.1 | Floodplain Boundaries | 86 |
| 4.2 | Floodways | 87 |

TABLE OF CONTENTS - VOLUME 1 - continued

FIGURES

Page

Figure 1 – Sparkill Creek Location 21

Figure 2 - Floodway Schematic 89

TABLES

Table 1 - Revised Analyses Authority and Acknowledgments for the September 20, 1995, FIS 14

Table 2 - Revised Analyses Authority and Acknowledgments for the August 28, 2019 Countywide Revision 15

Table 3 – Initial and Final CCO Meetings Prior to September 20, 1995 16

Table 4 - Streams Studied by Detailed Methods Prior to the August 28, 2019 Countywide Revision 19

Table 5 - Limits of Detailed Study for the August 28, 2019 Countywide Revision 19

Table 6 - Stream Gage Information 33

Table 7 - Streams Studied Using Log-Pearson Type III and Gages Used 34

Table 8 - Summary of Discharges 39

Table 9 - Summary of Lake Stillwater Elevations 59

Table 10 - Summary of Roughness Coefficients in Previous Studies 64

Table 11 - Summary of Roughness Coefficients for the August 28, 2019 Countywide Revision 68

Table 12 - Limited Detailed Flood Hazard Data for the August 28, 2019 Countywide Revision 70

Table 13 - Summary of Coastal Stillwater Elevations 81

Table 14 – Countywide Vertical Datum Conversion 85

TABLE OF CONTENTS – VOLUME 2 – August 28, 2019


| | | Page |
|---|---|---|
| 5.0 | INSURANCE APPLICATIONS | 163 |
| 6.0 | FLOOD INSURANCE RATE MAP | 164 |
| 7.0 | OTHER STUDIES | 172 |
| 8.0 | LOCATION OF DATA | 172 |
| 9.0 | BIBLIOGRAPHY AND REFERENCES | 172 |


TABLES


| | |
|---|---|
| Table 15 - Floodway Data | 90 |
| Table 16 - Incorporated Letters of Map Change (LOMCs) | 165 |
| Table 17 - Community Map History | 166 |


TABLE OF CONTENTS - VOLUME 3 – August 28, 2019

EXHIBITS


Exhibit 1 - Flood Profiles

| | |
|---|---|
| Allendale Brook | Panels 01P-03P |
| Allerman Brook/Pond Brook | Panels 04P-06P |
| Pond Brook | Panels 07P-12P |
| Bear Brook | Panels 13P-19P |
| Beaver Dam Brook | Panel 20P |
| Behnke Brook | Panels 21P-23P |
| Blanch Brook | Panels 24P-26P |
| Charlies Creek | Panel 27P |
| Cherry Brook | Panels 28P-30P |
| Coalberg Brook | Panels 31P-32P |
| Coalberg Brook Tributary | Panel 33P |
| Coles Brook | Panels 34P-38P |
| Cresskill Brook | Panels 39P-40P |
| Darlington Brook Tributary | Panels 41P-42P |
| Deep Voll Brook | Panels 43P-45P |
| Demarest Avenue Tributary | Panel 46P |
| Demarest Brook | Panels 47P-48P |
| Diamond Brook | Panels 49P-51P |
| Dorotockeys Run | Panels 52P-58P |
| Dwars Kill | Panels 59P-61P |
| East Branch Saddle River | Panels 62P-63P |
| Echo Glen Brook | Panels 64P-67P |

TABLE OF CONTENTS - VOLUME 3 – continued

EXHIBITS - continued


Exhibit 1 - Flood Profiles (continued)

| | |
|---|---|
| Fairview Brook | Panel 68P |
| Fieldstone Brook | Panels 69P-70P |
| Flat Rock Brook | Panels 71P-76P |
| Fleischer Brook | Panels 77P-78P |
| French's Creek | Panels 79P-83P |
| Goffle Brook | Panels 84P-91P |
| Goffle Brook Tributary | Panel 92P |


TABLE OF CONTENTS - VOLUME 4 – August 28, 2019

EXHIBITS - continued


Exhibit 1 - Flood Profiles (continued)

| | |
|---|---|
| Hackensack River | Panels 93P-106P |
| Haunsmans Ditch | Panels 107P-108P |
| Henderson Brook | Panels 109P-110P |
| Herring Brook | Panels 111P-113P |
| Hillsdale Brook | Panels 114P-120P |
| Hirschfeld Brook | Panels 121P-129P |
| Hirschfeld Brook Tributary | Panels 130P-134P |
| Ho-Ho-Kus Brook | Panels 135P-144P |
| Ho-Ho-Kus Brook Tributary | Panels 145P-146P |
| Holdrum Brook | Panels 147P-151P |
| Jordan Brook | Panel 152P |
| Kips Brook | Panels 153P-156P |
| Kroners Brook | Panels 157P-159P |
| Laurel Brook | Panels 160P-161P |
| Mahwah River | Panel 162P |
| Mannings Brook | Panels 163P-164P |
| Masonicus Brook | Panels 165P-175P |
| Metzlers Creek | Panels 176P-177P |
| Mill Brook | Panels 178P-182P |


TABLE OF CONTENTS – VOLUME 5 – August 28, 2019

EXHIBITS - continued


Exhibit 1 - Flood Profiles (continued)

| | |
|---|---|
| Muddy Creek | Panels 183P-185P |
| Musquapsink Brook | Panels 186P-193P |
| Musquapsink Brook By-pass | Panel 194P |
| Norwood Brook | Panels 195P-196P |
| Oost Val Brook | Panels 197P-199P |
| Overpeck Creek | Panels 200P-207P |

TABLE OF CONTENTS – VOLUME 5 – continued

EXHIBITS - continued


Exhibit 1 - Flood Profiles (continued)

| | |
|---|---|
| Tributary to Overpeck Creek | Panel 208P |
| Pascack Brook | Panels 209P-217P |
| Passaic River | Panels 218P-223P |
| Pine Brook | Panel 224P |
| Pleasant Brook | Panels 225P-229P |
| Pleasant Brook Tributary | Panels 230P-234P |
| Ramapo River | Panels 235P-244P |
| Ramapo River Left Diversion Channel | Panel 245P |
| Ramapo River Right Diversion Channel | Panel 246P |
| Tributary 1 to Ramapo River | Panels 247P |
| Tributary 2 to Ramapo River | Panels 248P-249P |
| Ramsey Brook | Panels 250P-261P |
| Reservoir Brook | Panels 262P-263P |
| Rivervale Brook | Panels 264P-265P |
| Saddle Brook | Panels 266P-268P |

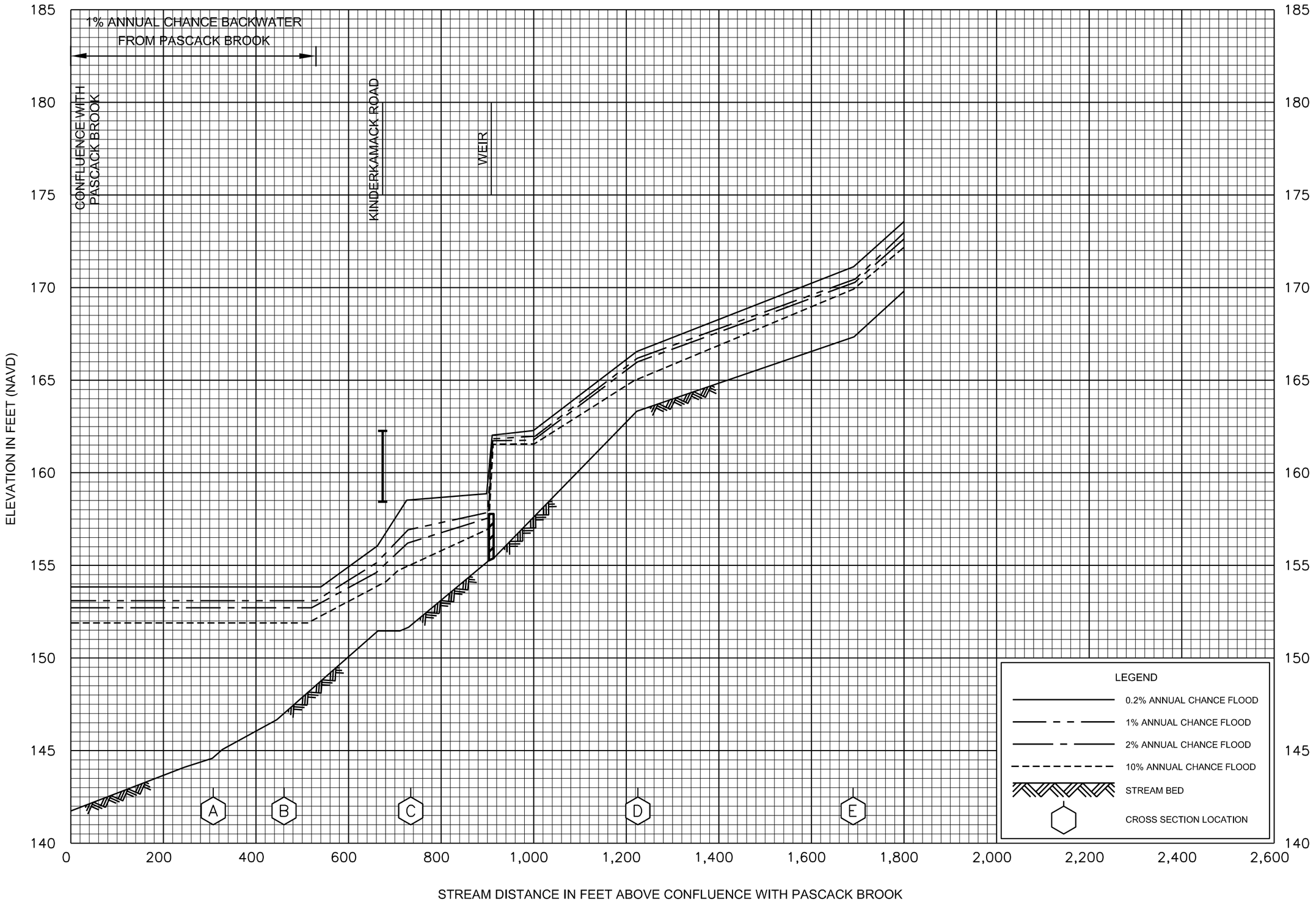

TABLE OF CONTENTS – VOLUME 6 – August 28, 2019

EXHIBITS - continued


Exhibit 1 - Flood Profiles (continued)

| | |
|---|---|
| Saddle River | Panels 269P-283P |
| Sparkill Brook | Panels 284P-287P |
| Sparkill Creek | Panel 288P |
| Sparrow Bush Brook | Panels 289P-290P |
| Sprout Brook | Panels 291P-300P |
| Stateline Brook | Panel 301P |
| Steinals Ditch | Panels 302P-304P |
| Tandy Brook | Panels 305P-307P |
| Tappan Run | Panels 308P-310P |
| Teaneck Creek | Panels 311P-312P |
| Tenakill Brook | Panels 313P-322P |
| Township Brook | Panel 323P |
| Valentine Brook | Panels 324P-326P |
| Valentine Brook Tributary No. 1 | Panel 327P |
| Valentine Brook Tributary No. 2 | Panels 328P-330P |
| Van Saun Mill Brook | Panels 331P-335P |
| West Branch Saddle River | Panels 336P-339P |
| Westdale Brook | Panel 340P |
| Wolf Creek | Panels 341P-346P |

Exhibit 2 - Flood Insurance Rate Map Index
Flood Insurance Rate Map



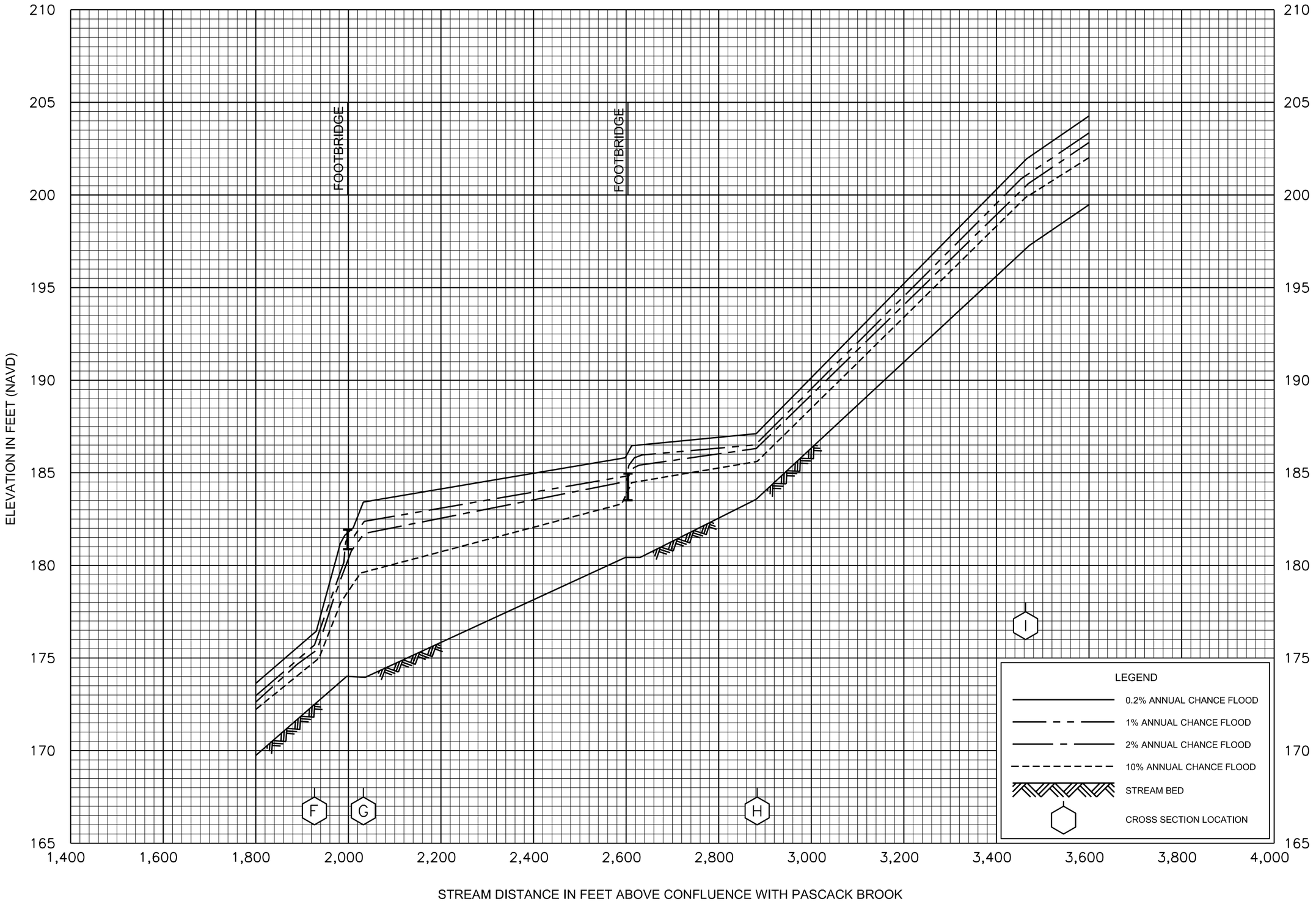

FLOOD PROFILES

MUDDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



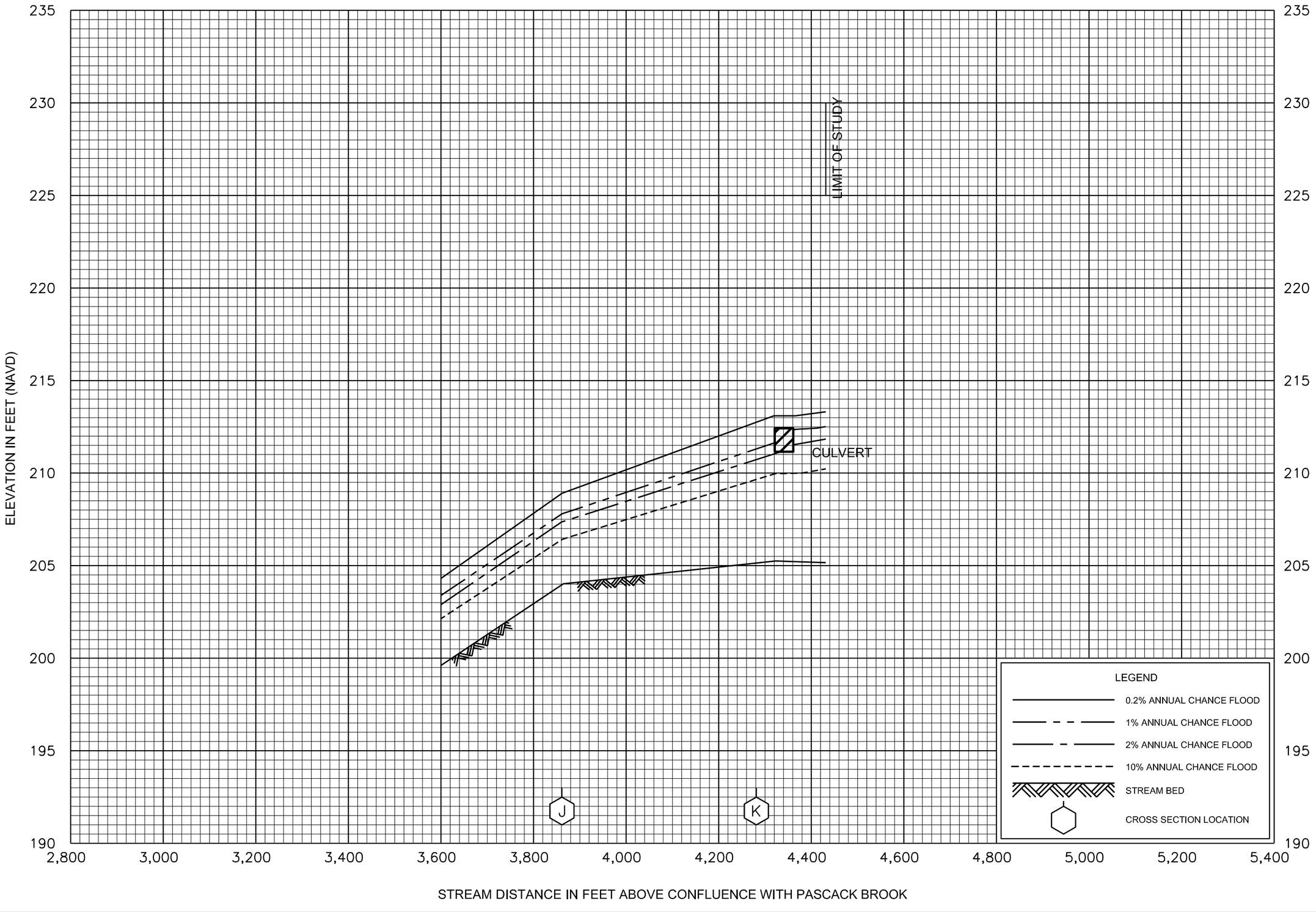

FLOOD PROFILES

MUDDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



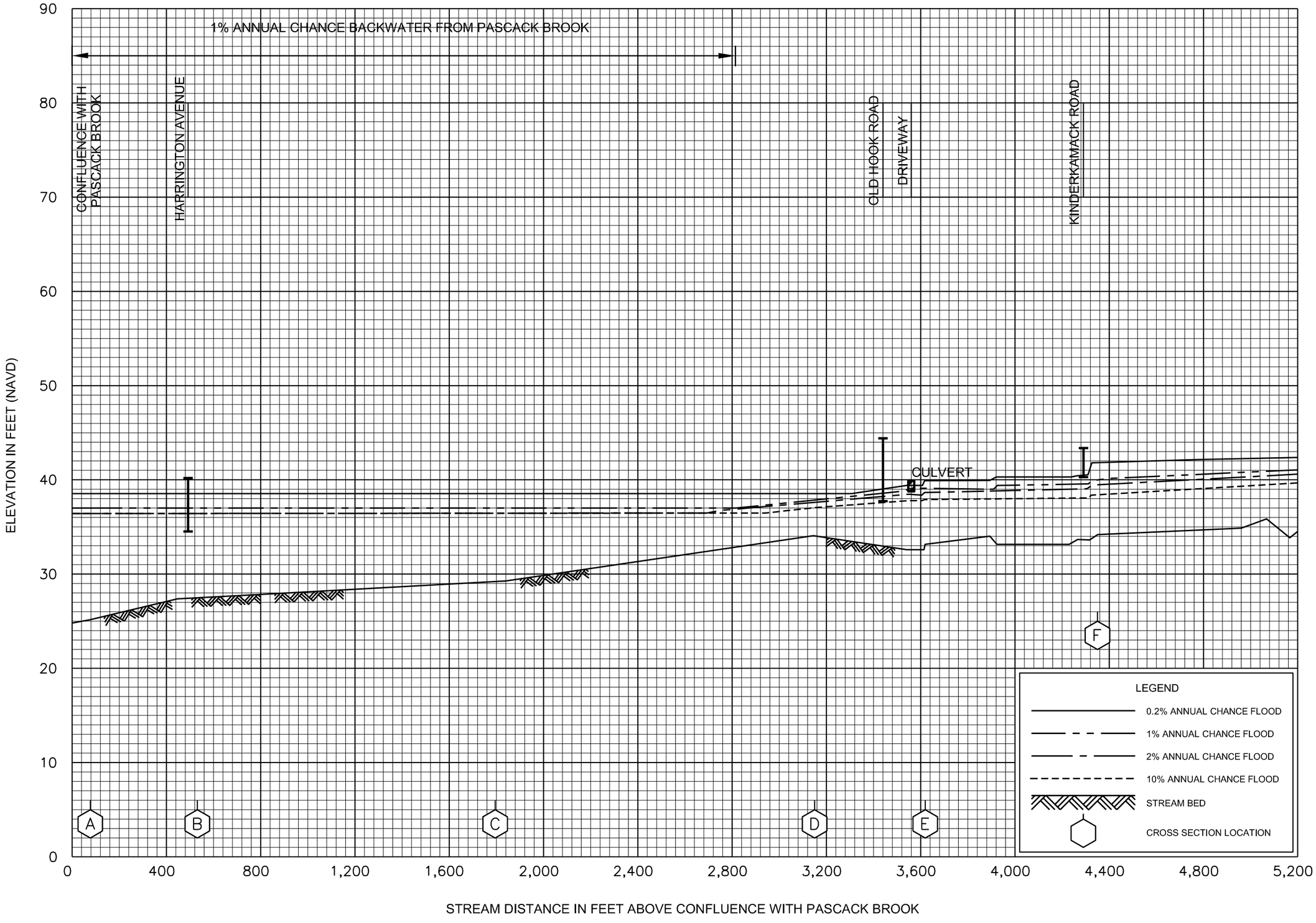

FLOOD PROFILES

MUDDY CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

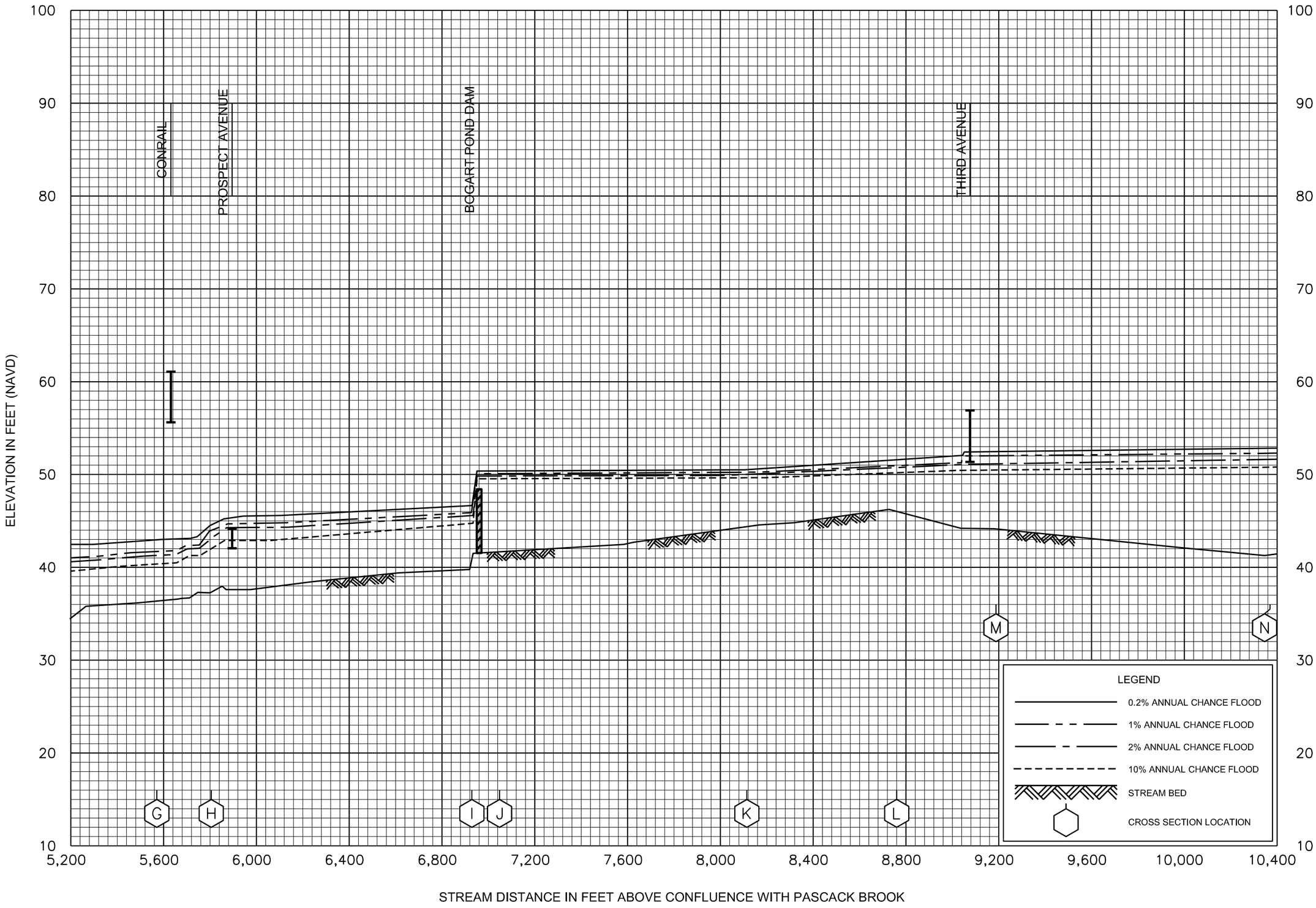
MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

186P



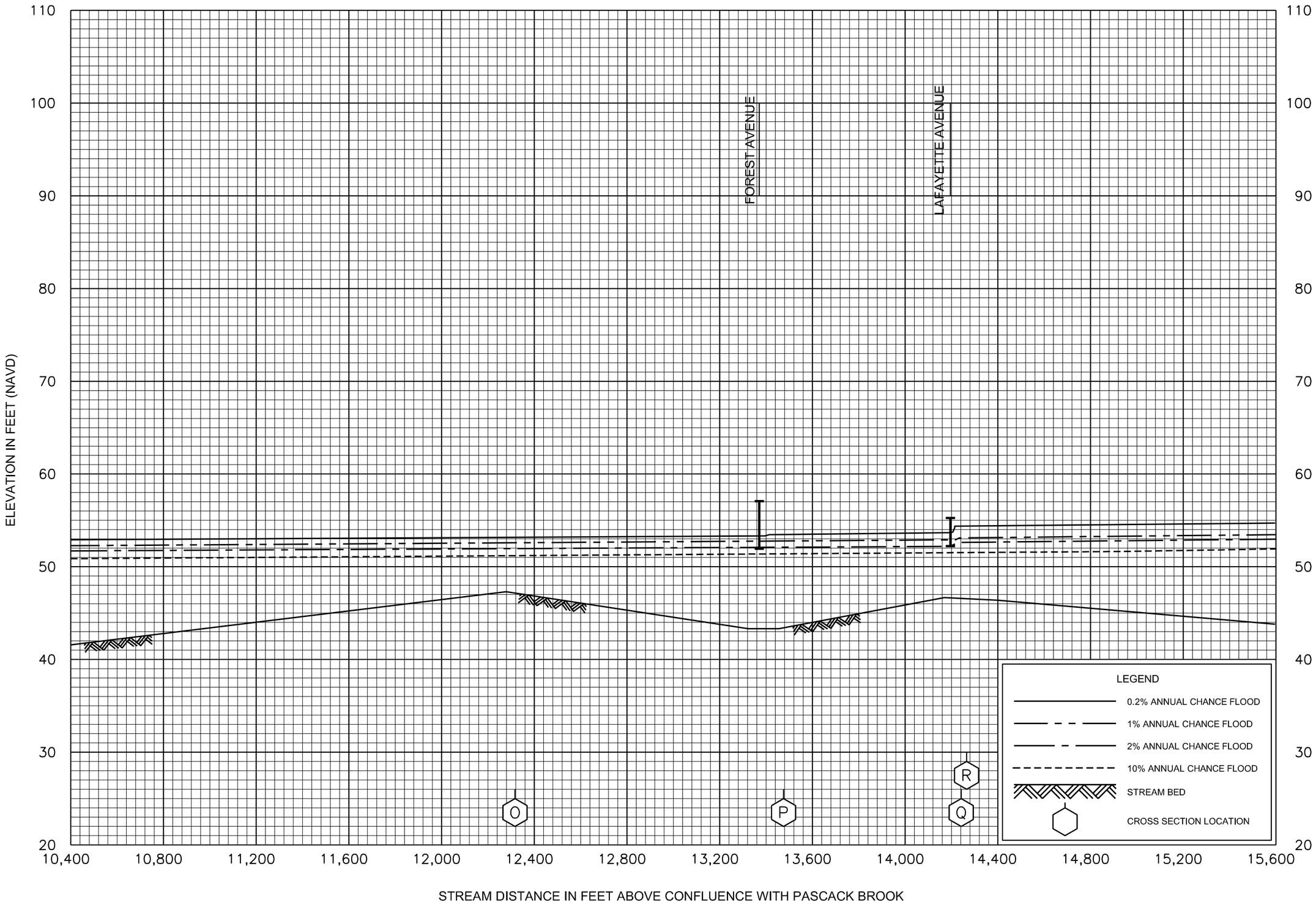

FLOOD PROFILES

MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

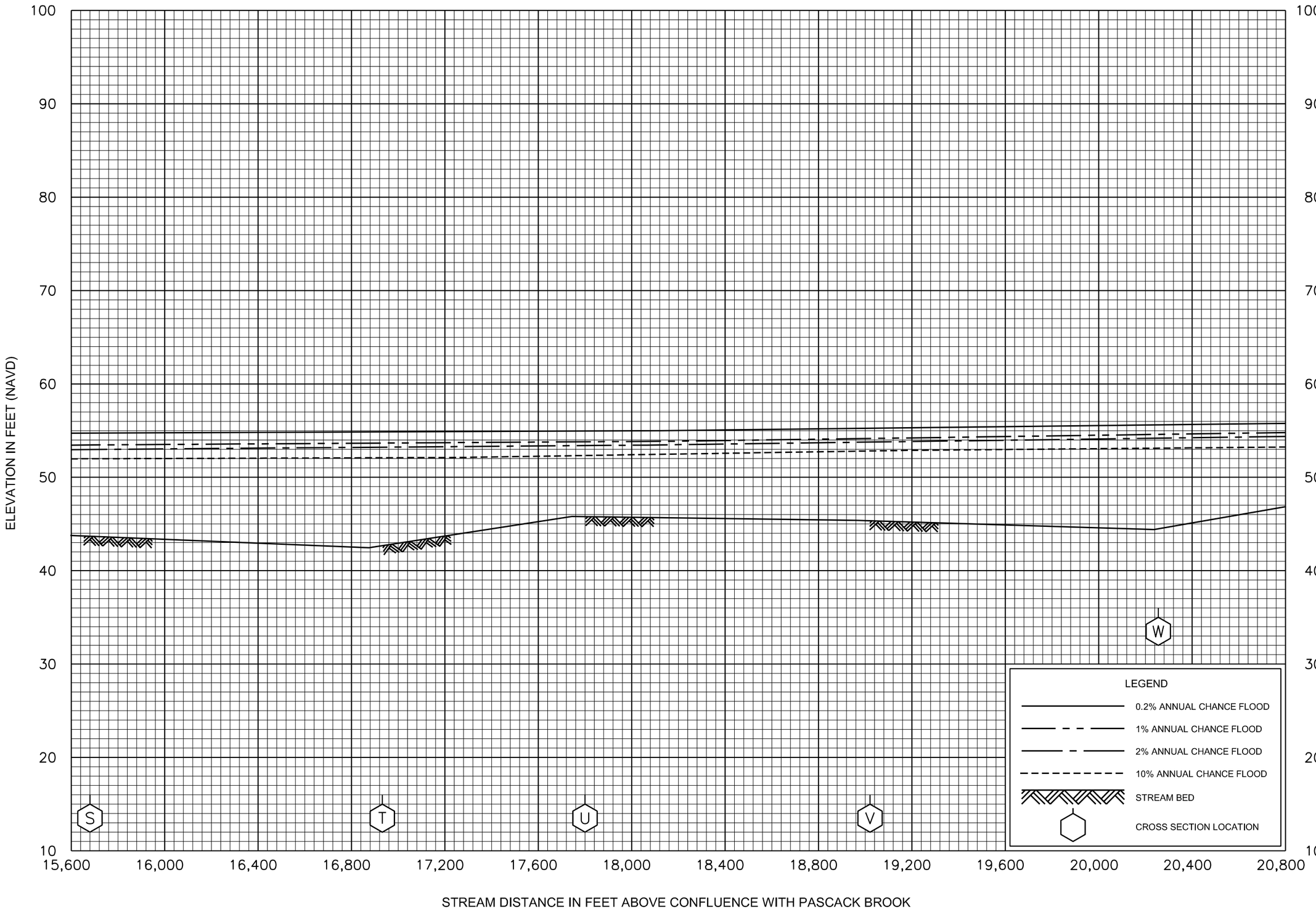
MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

188P



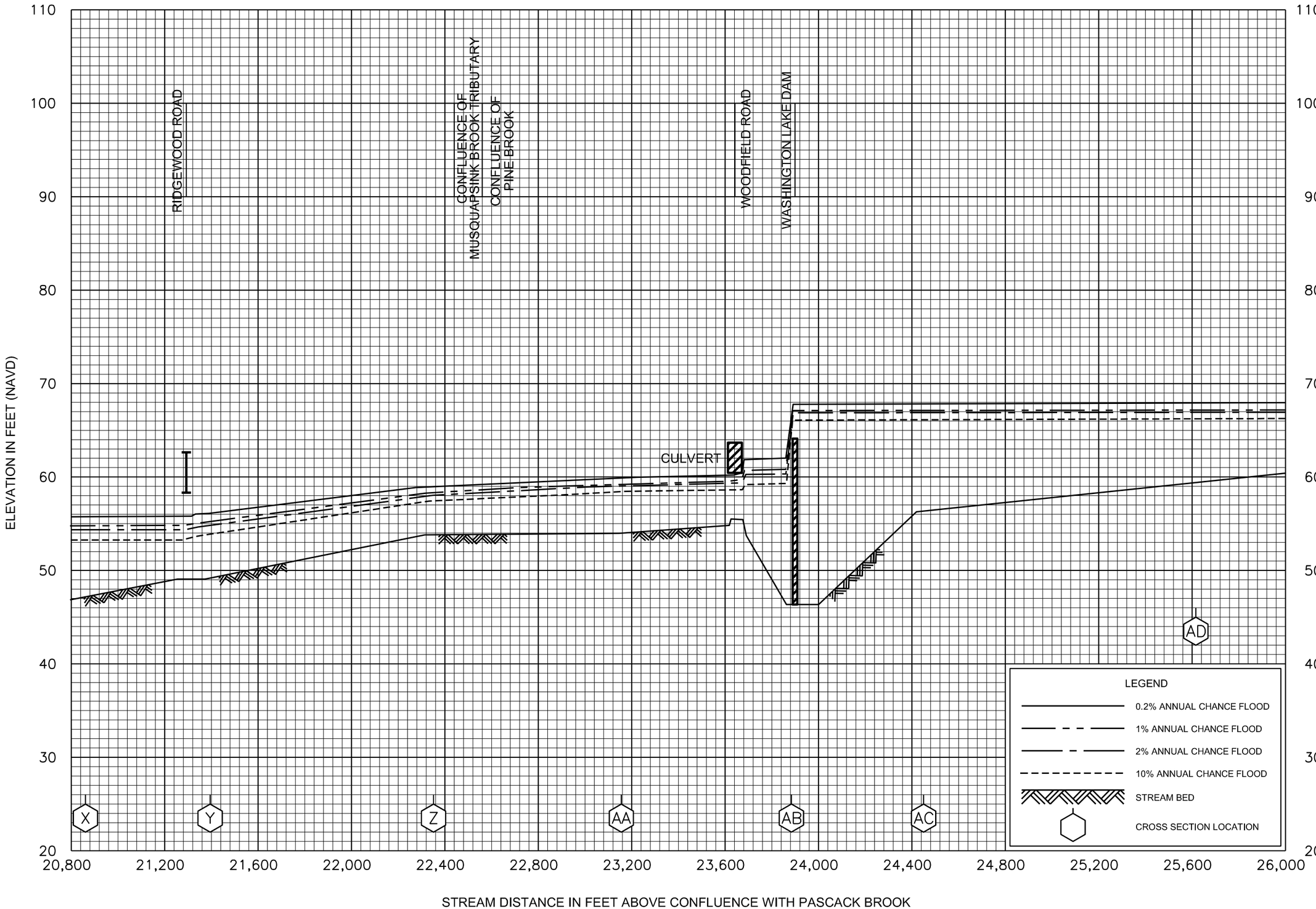

FLOOD PROFILES

MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



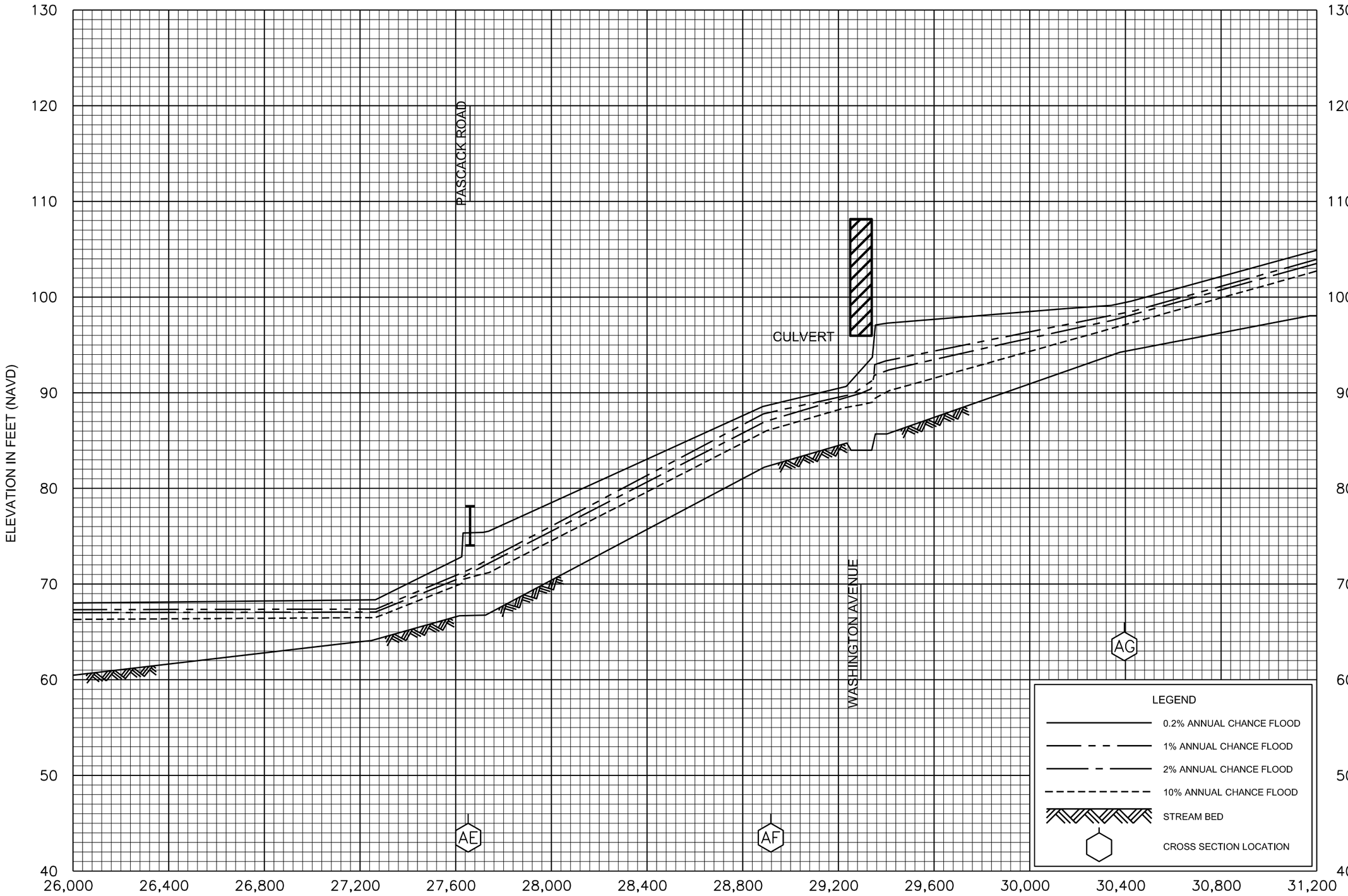

FLOOD PROFILES

MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

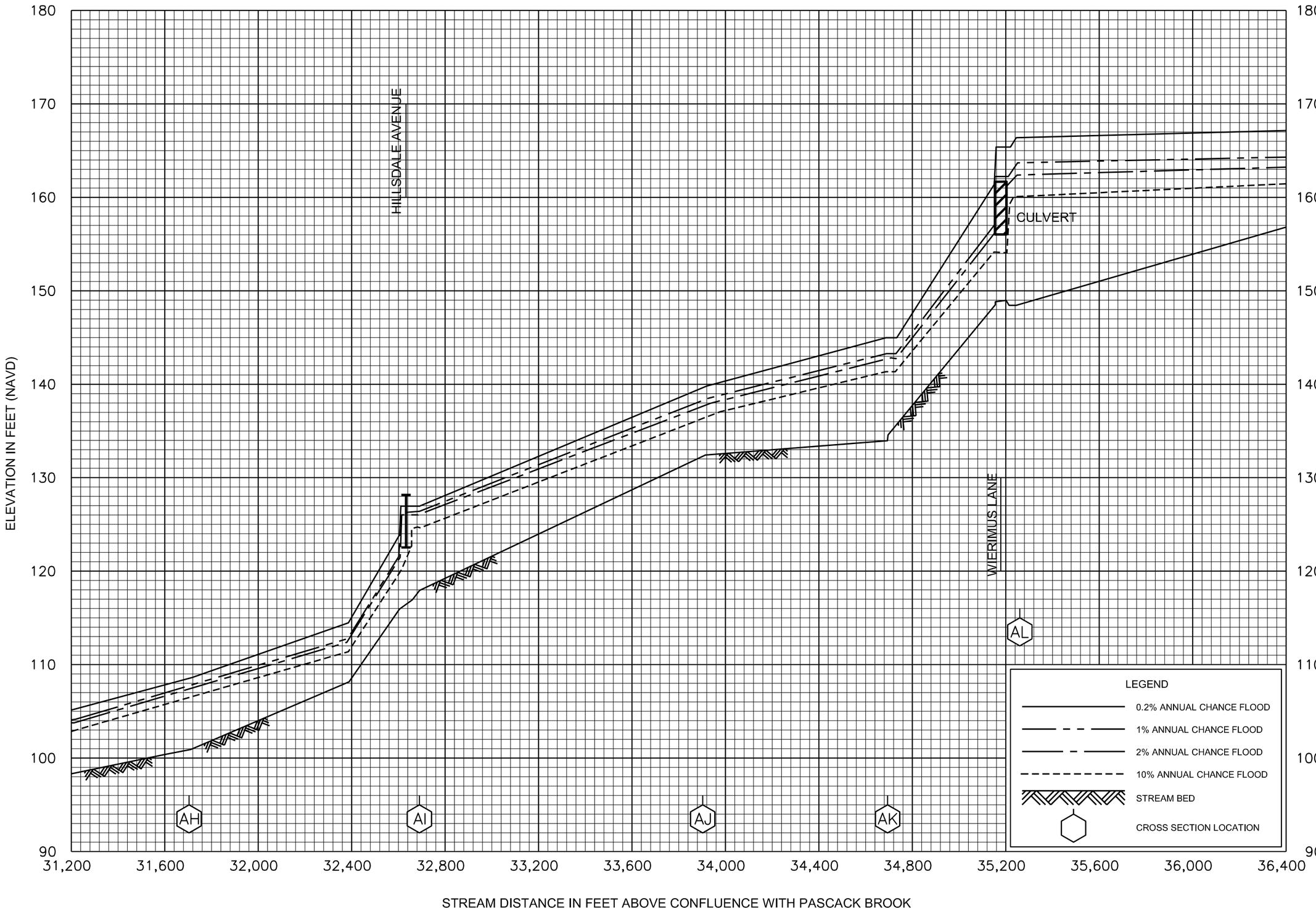
MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

191P




FLOOD PROFILES

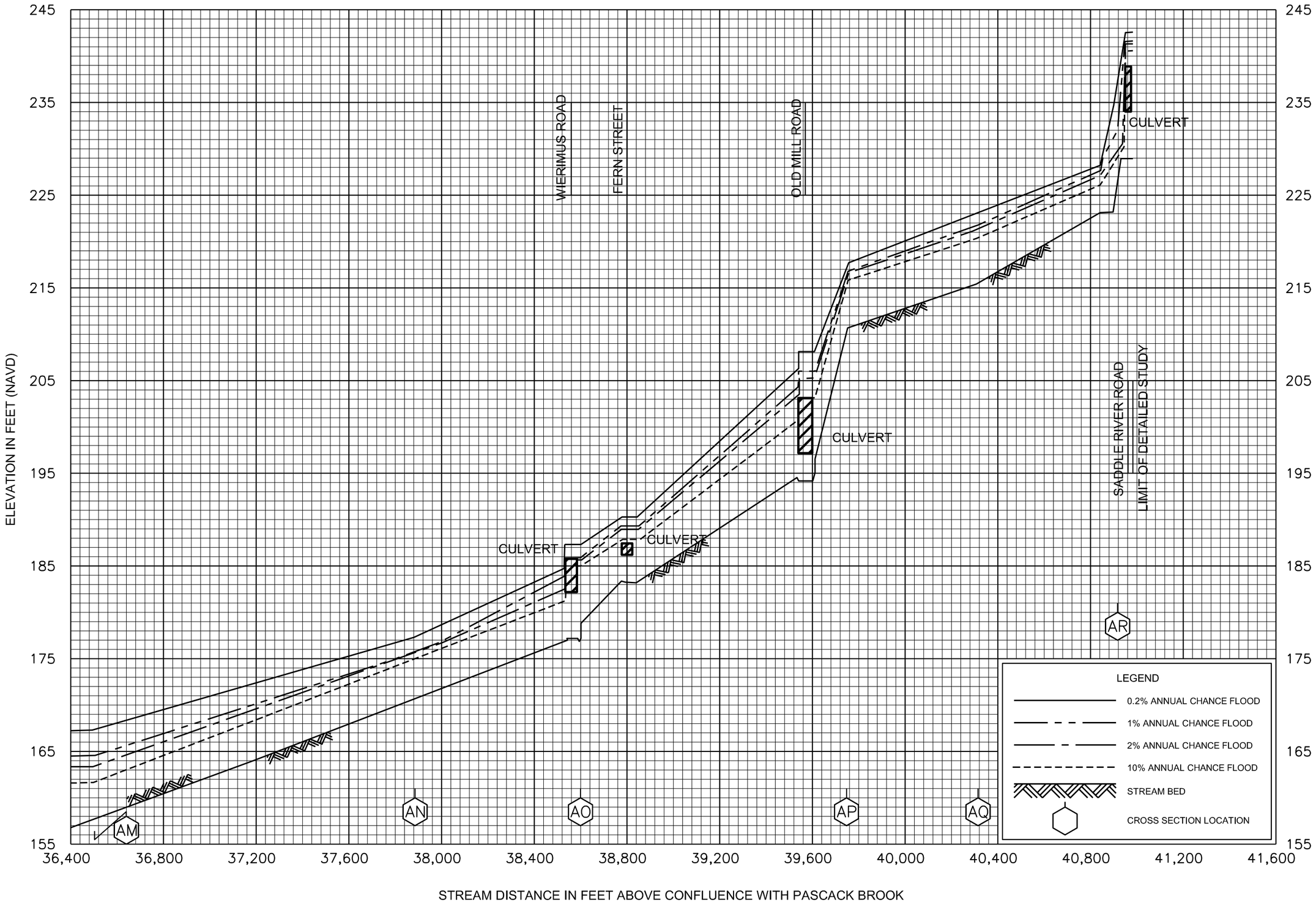
MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

192P



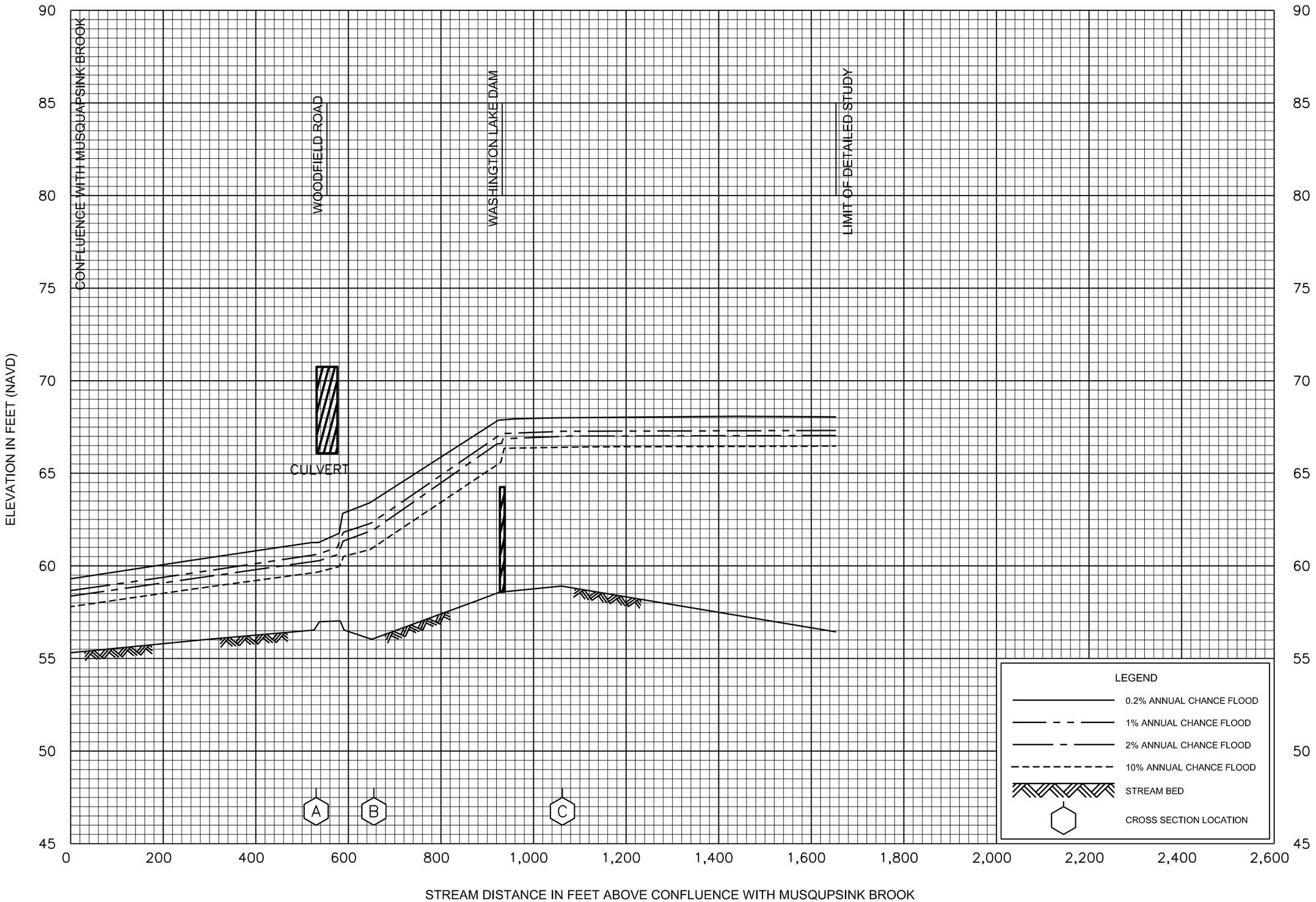

FLOOD PROFILES

MUSQUAPSINK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

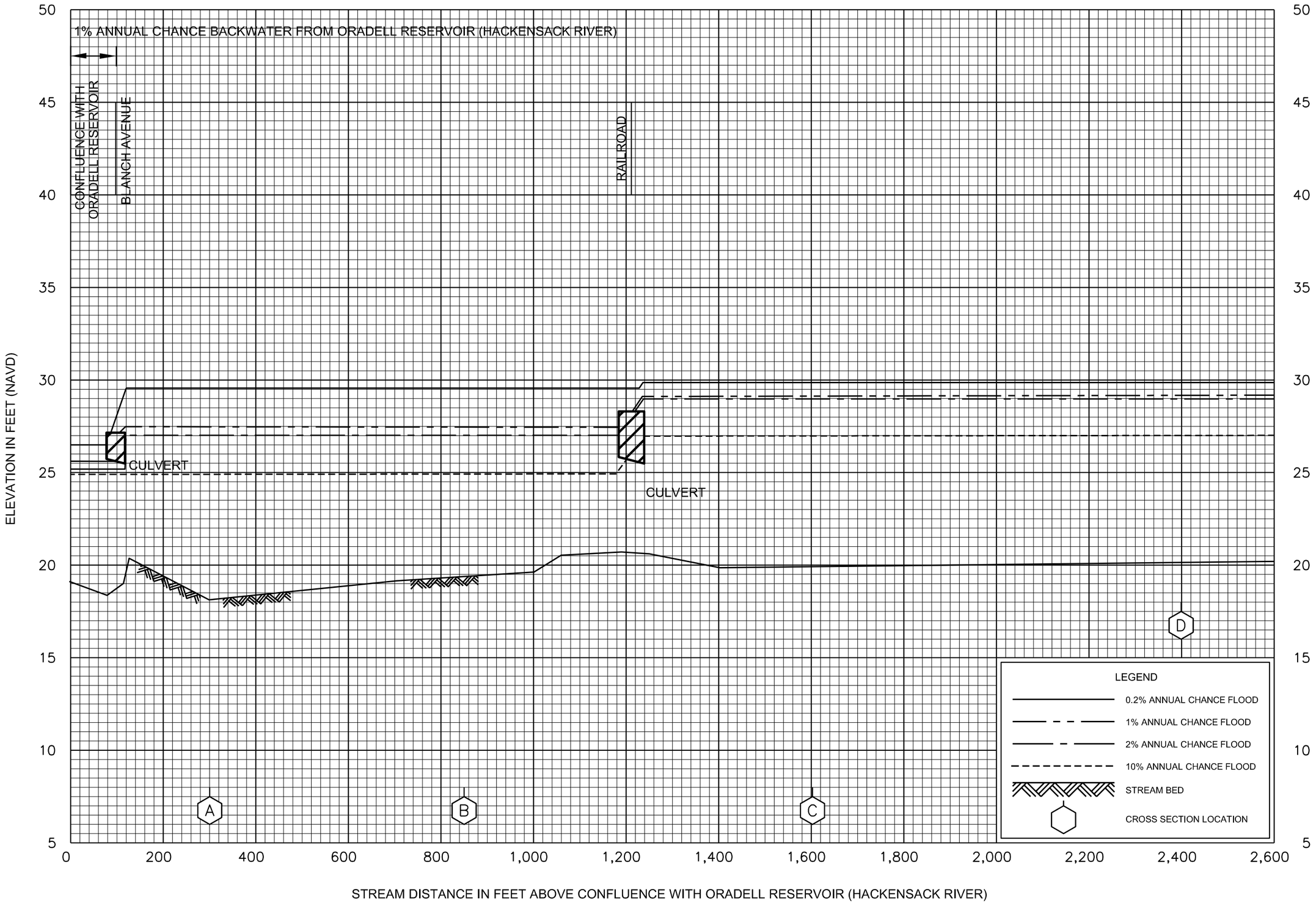
MUSQUAPSINK BROOK BY-PASS

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

194P



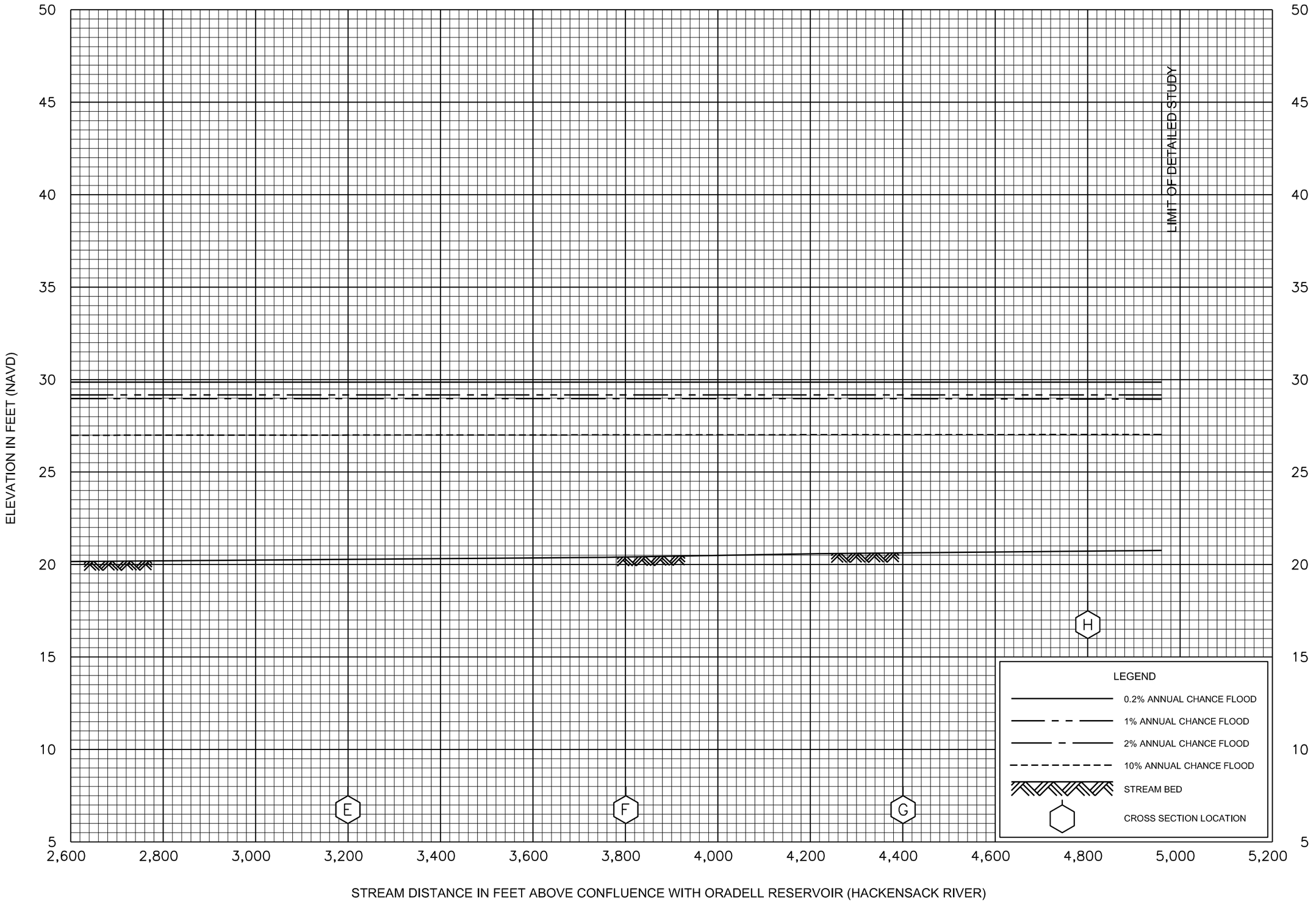

FLOOD PROFILES

NORWOOD BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



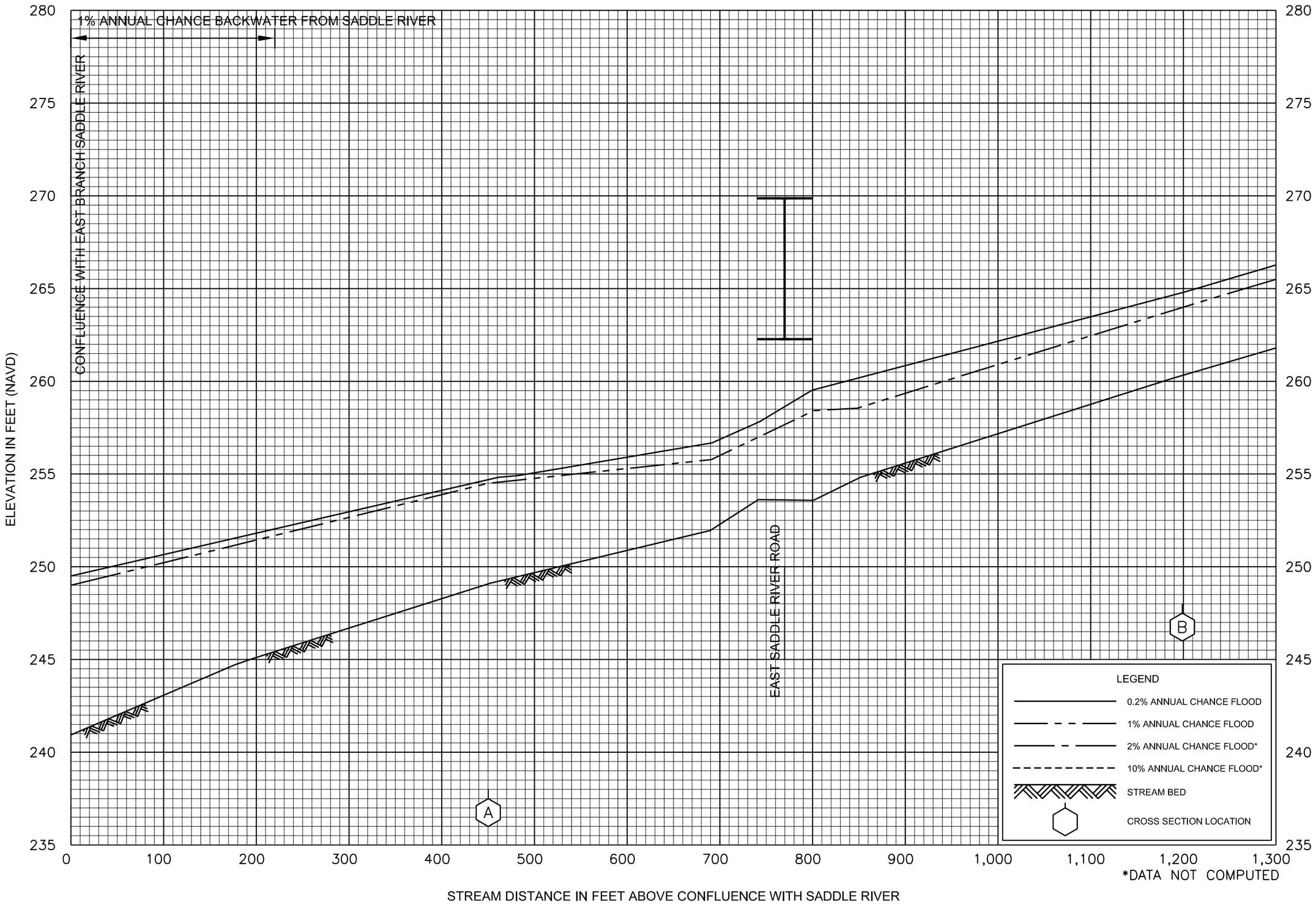

FLOOD PROFILES

NORWOOD BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

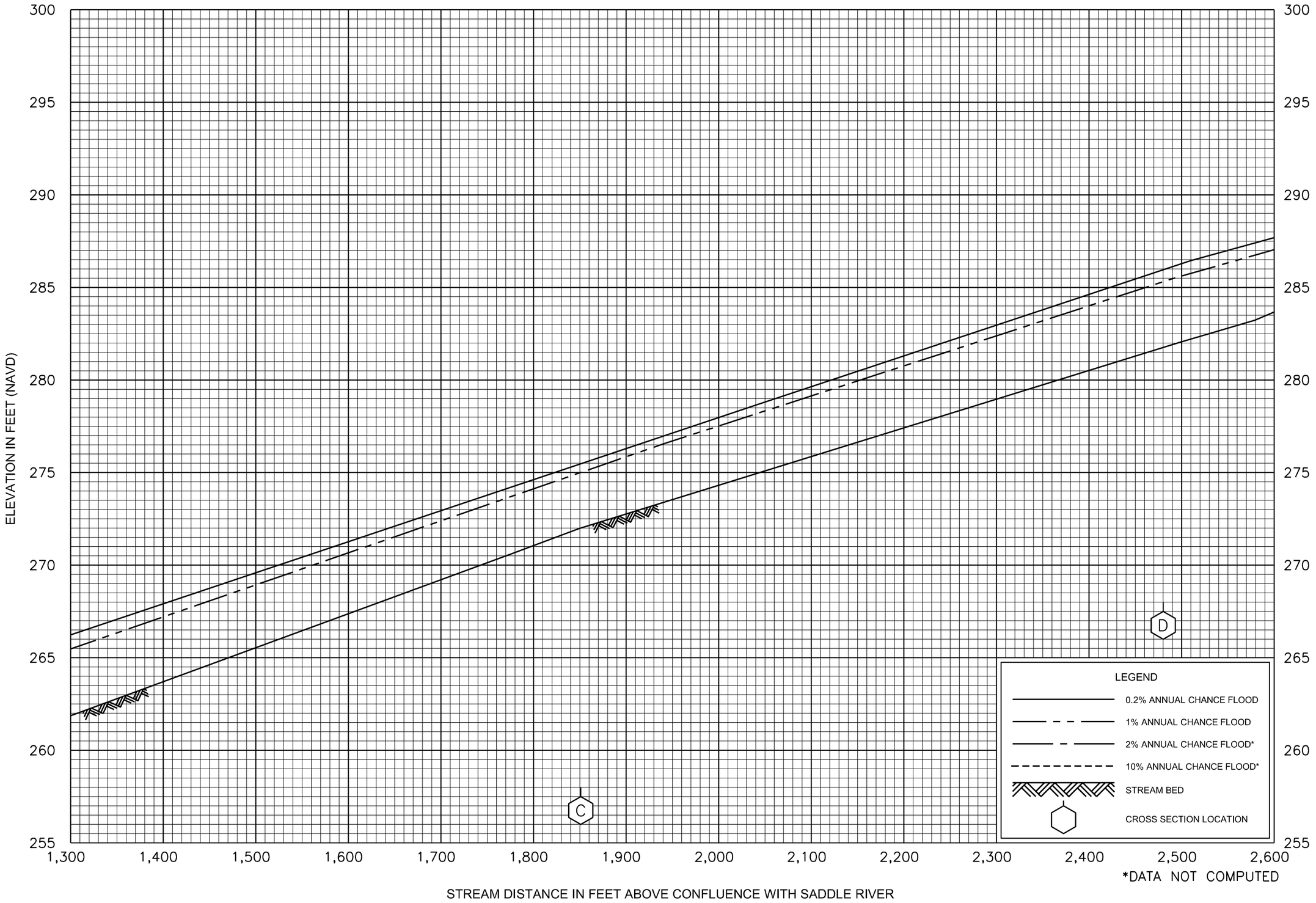
OOST VAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

197P




FLOOD PROFILES

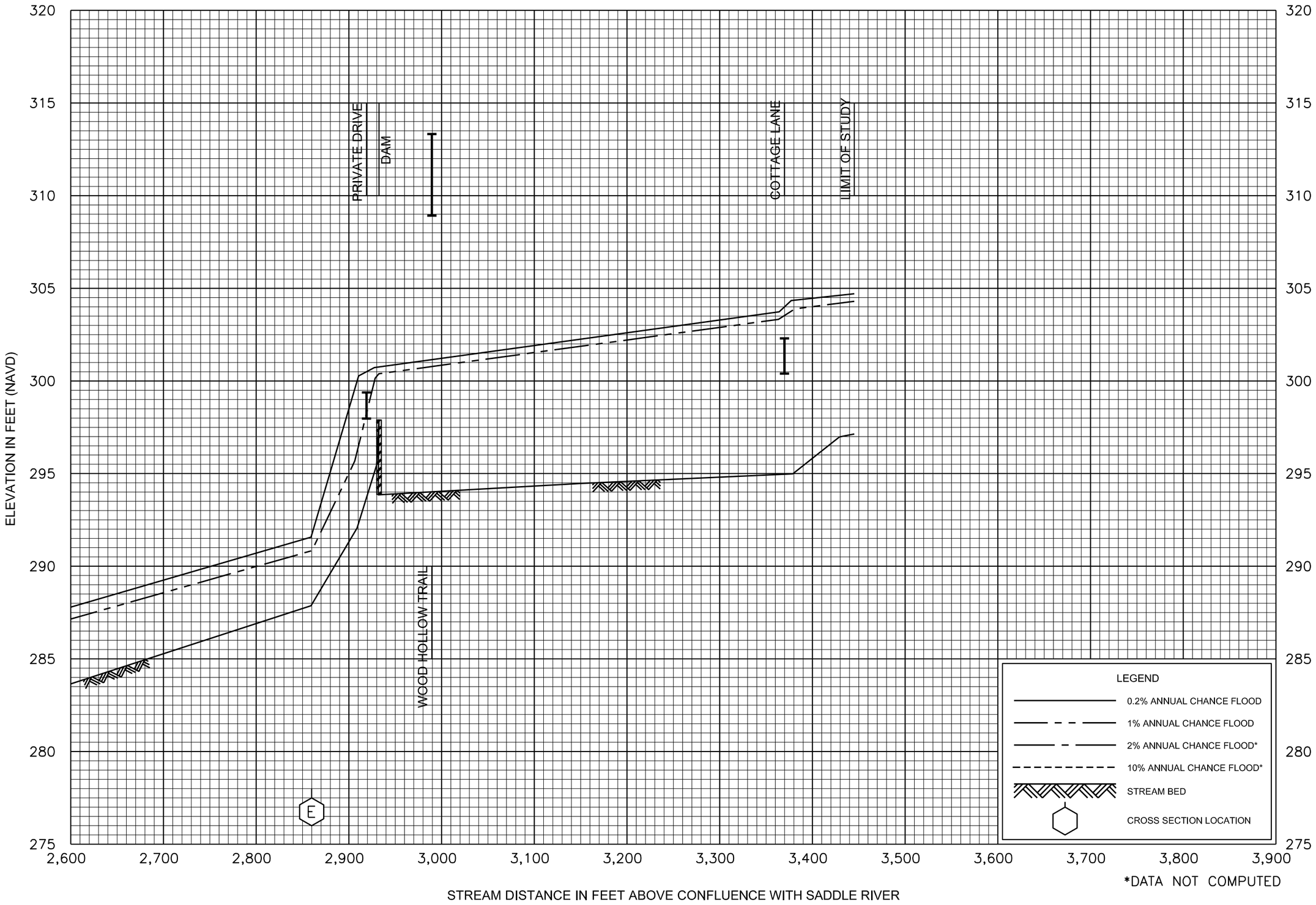
OOST VAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

198P




FLOOD PROFILES

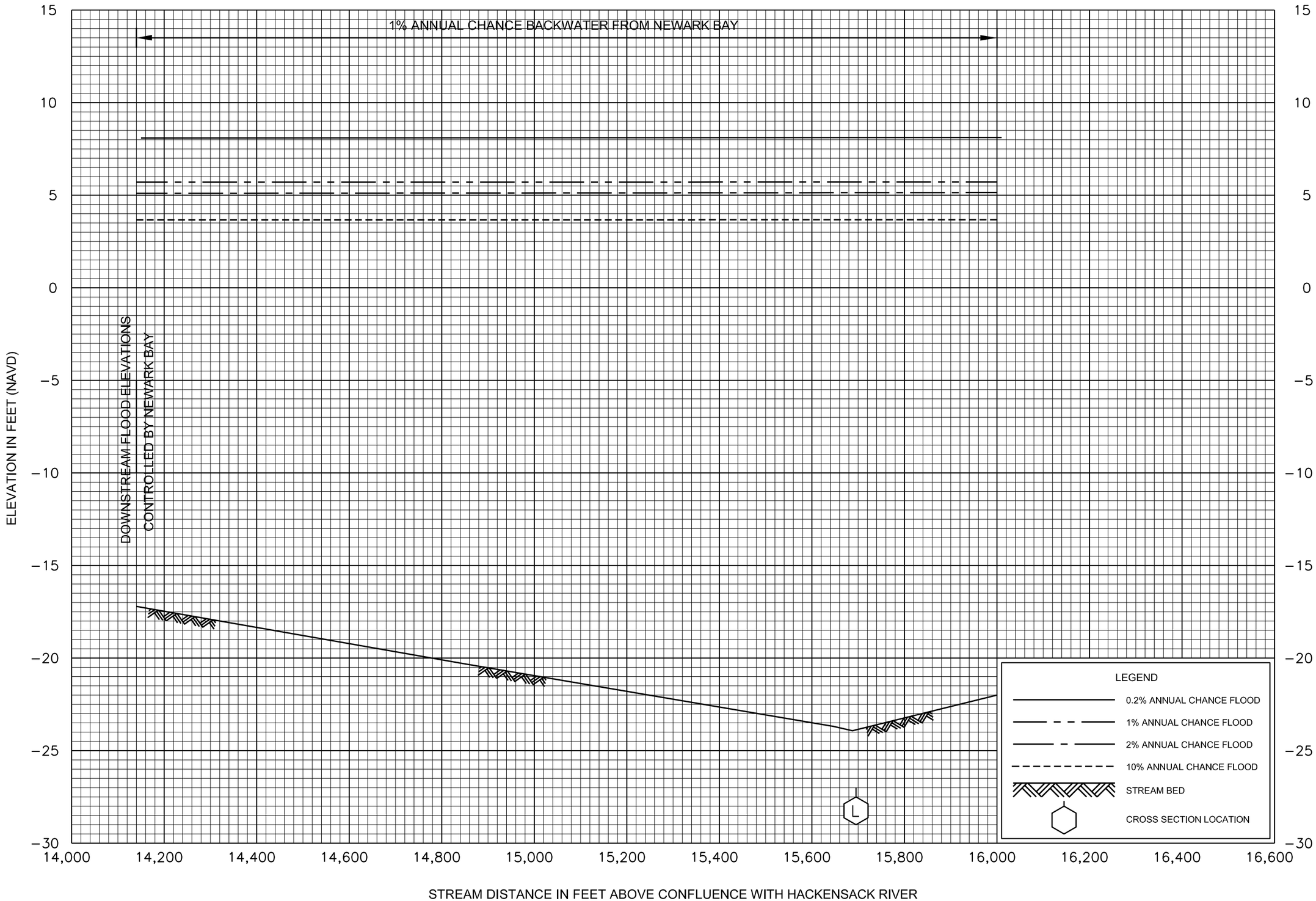
OOST VAL BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

199P



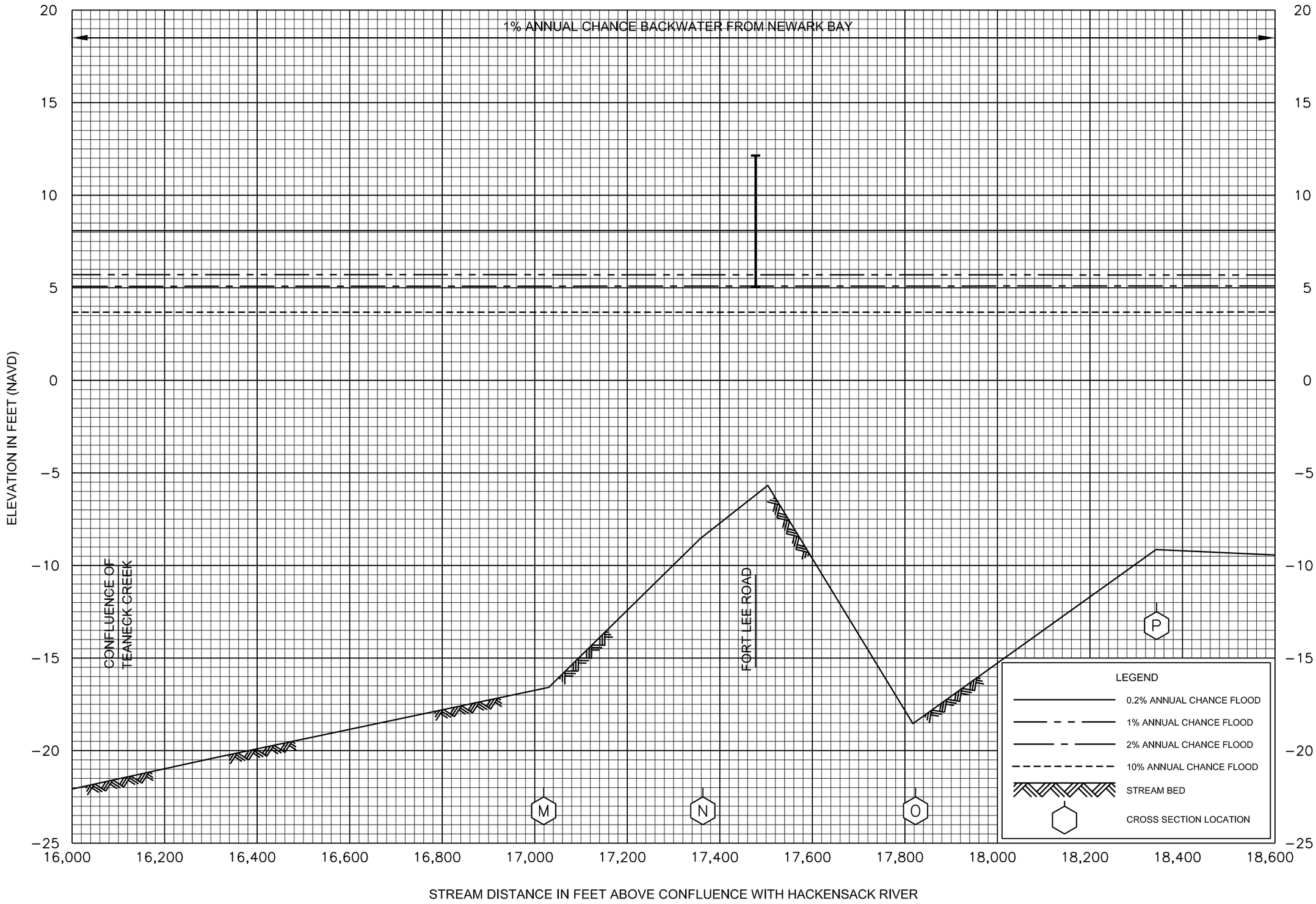

FLOOD PROFILES

OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



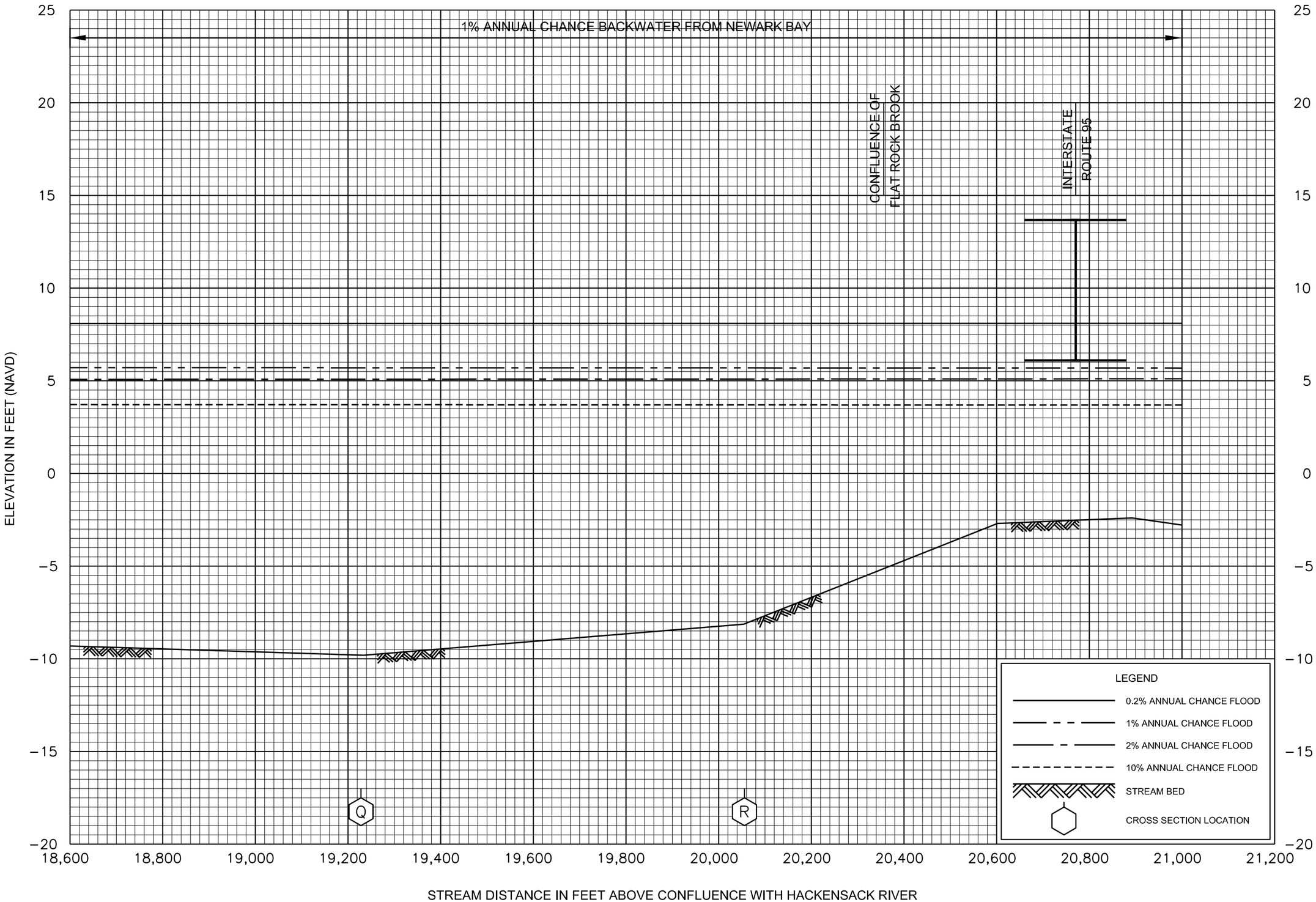

FLOOD PROFILES

OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



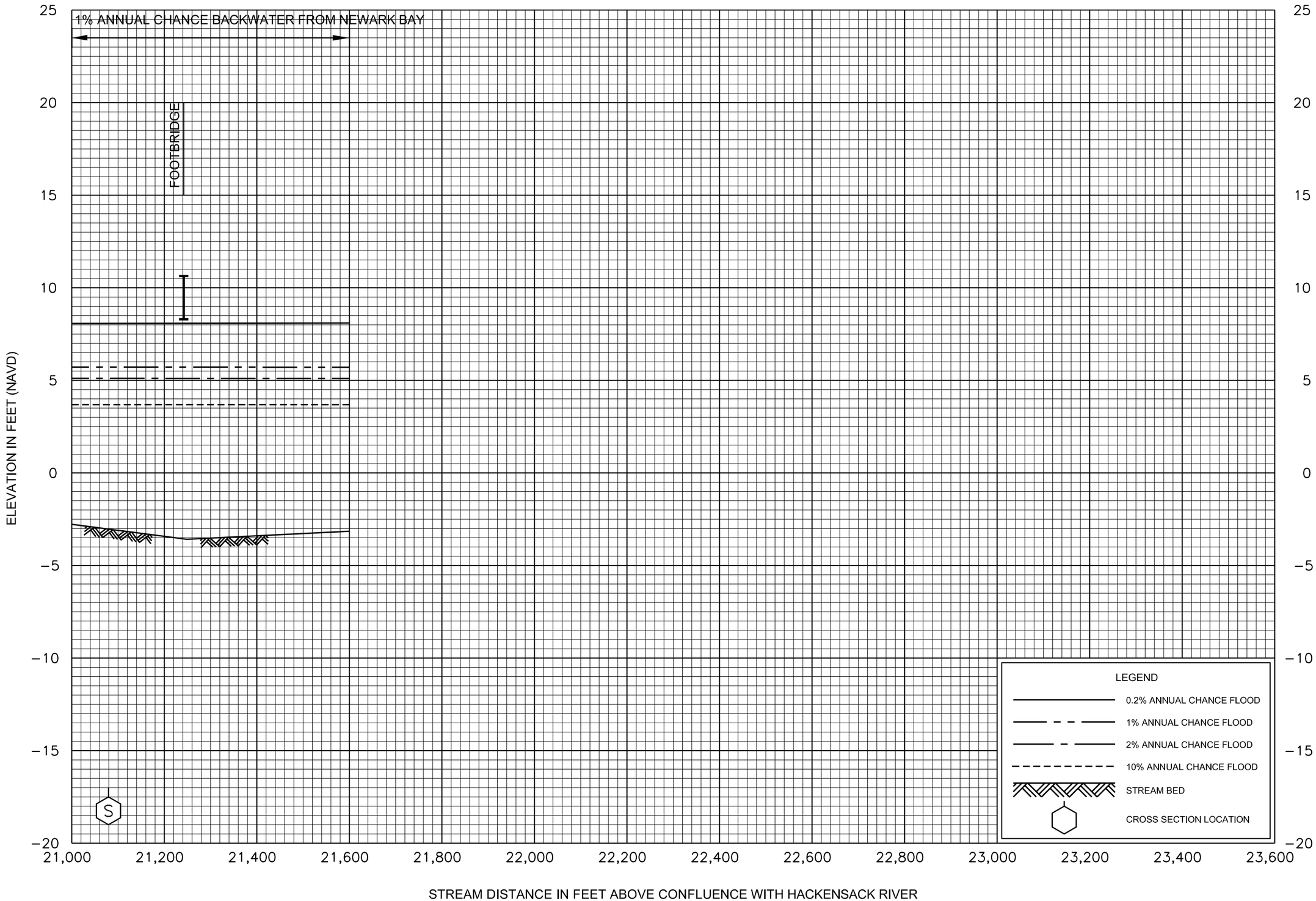

FLOOD PROFILES

OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

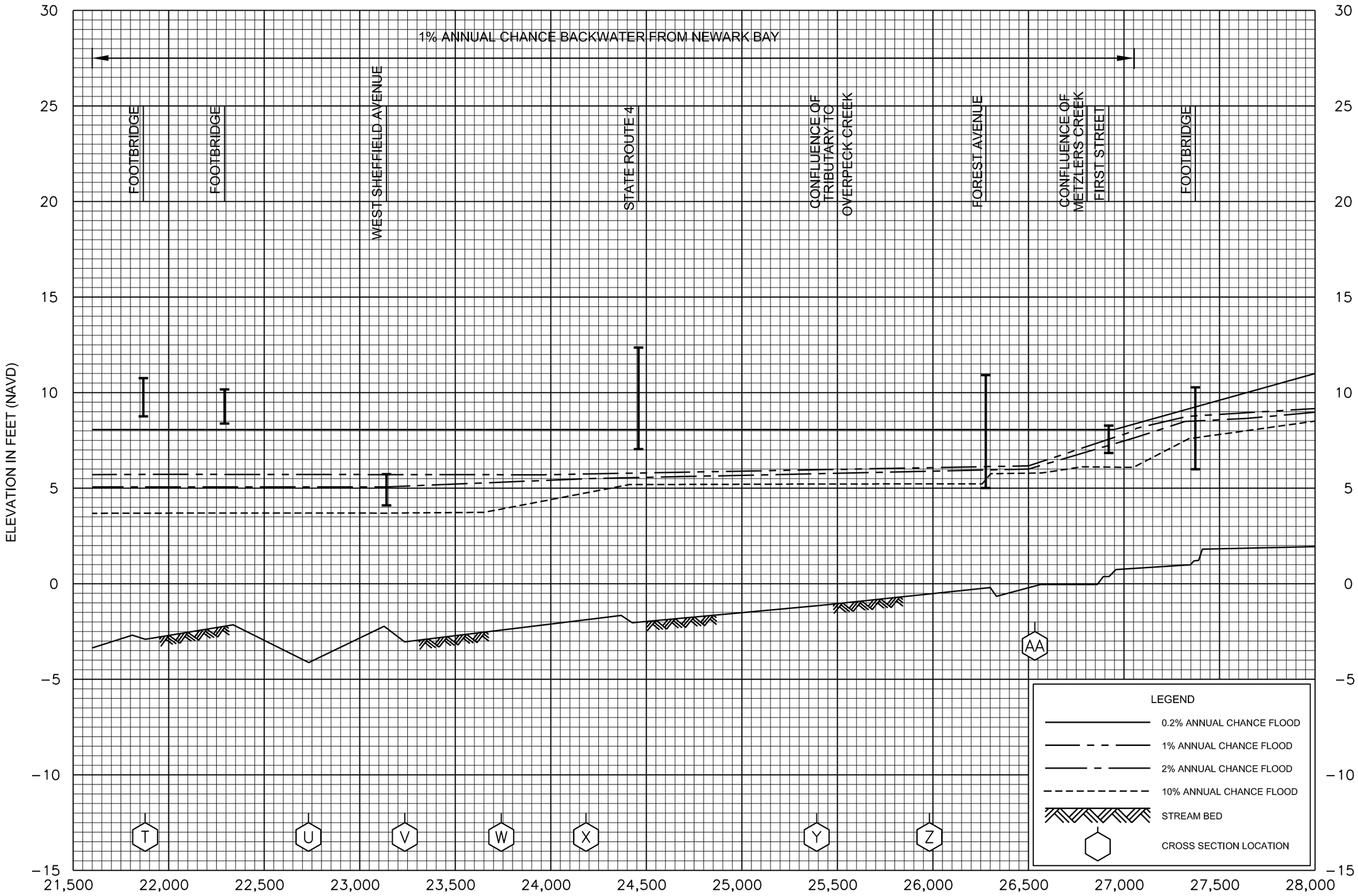
OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

203P




FLOOD PROFILES

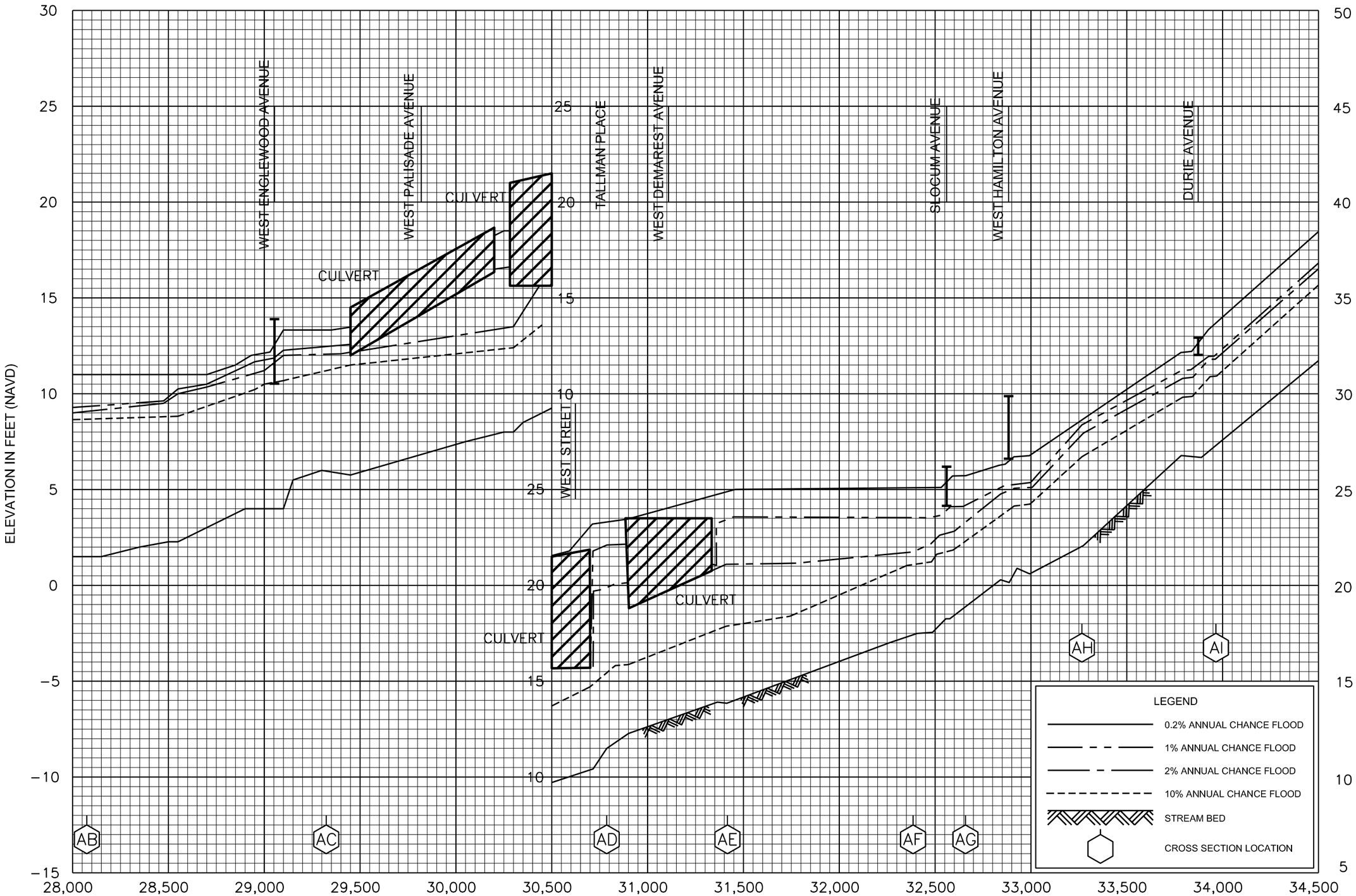
OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

204P




FLOOD PROFILES

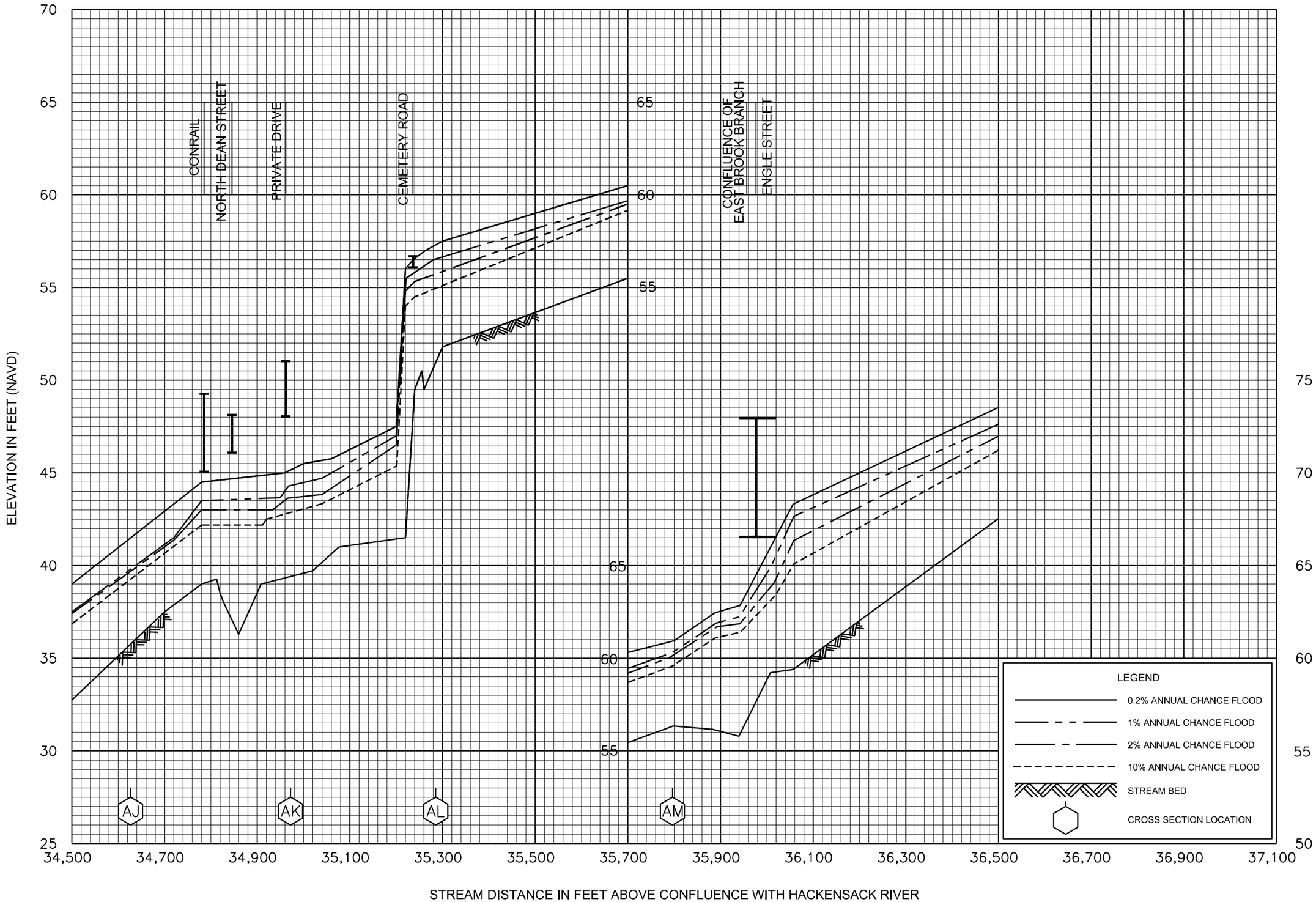
OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

205P



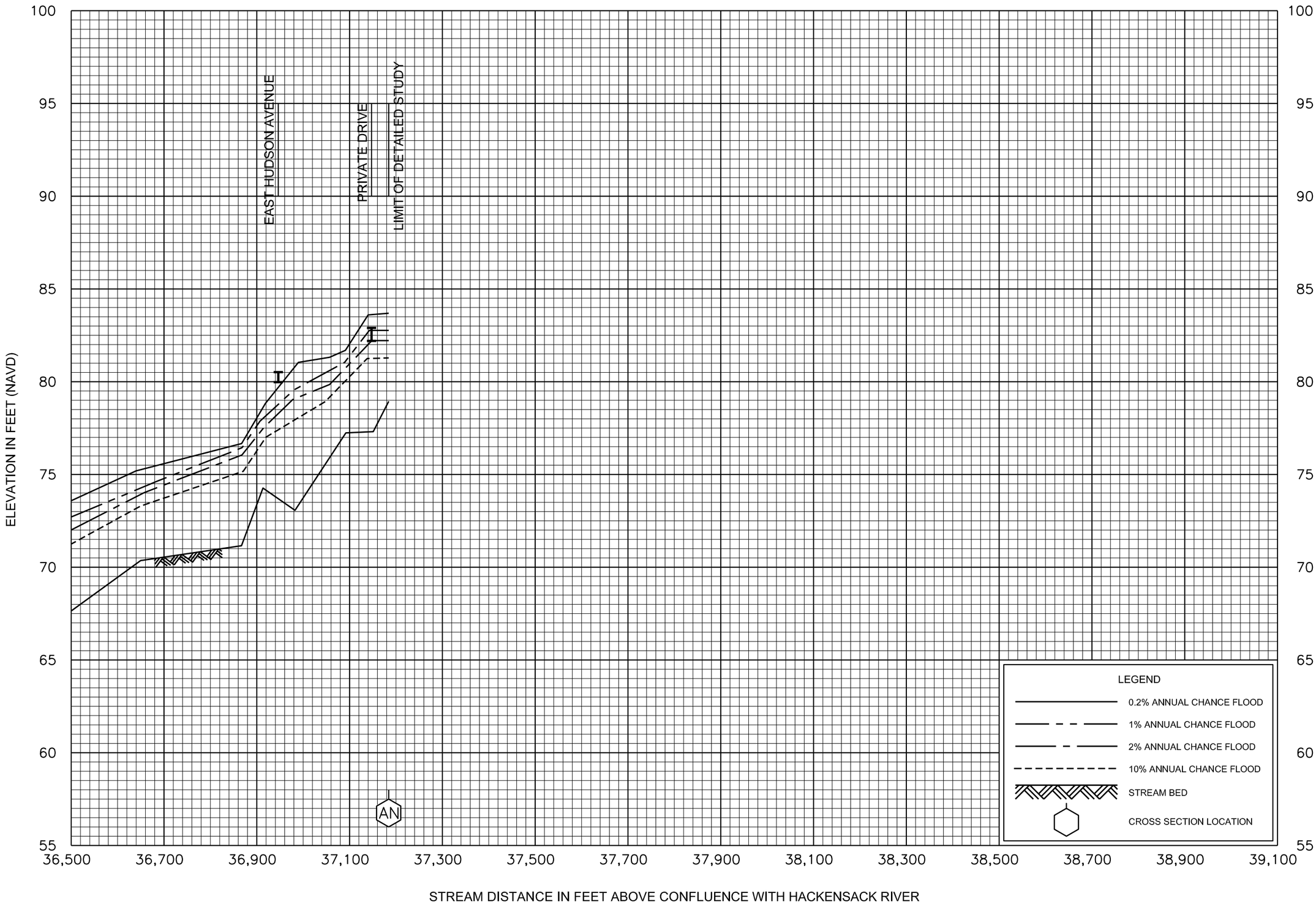

FLOOD PROFILES

OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



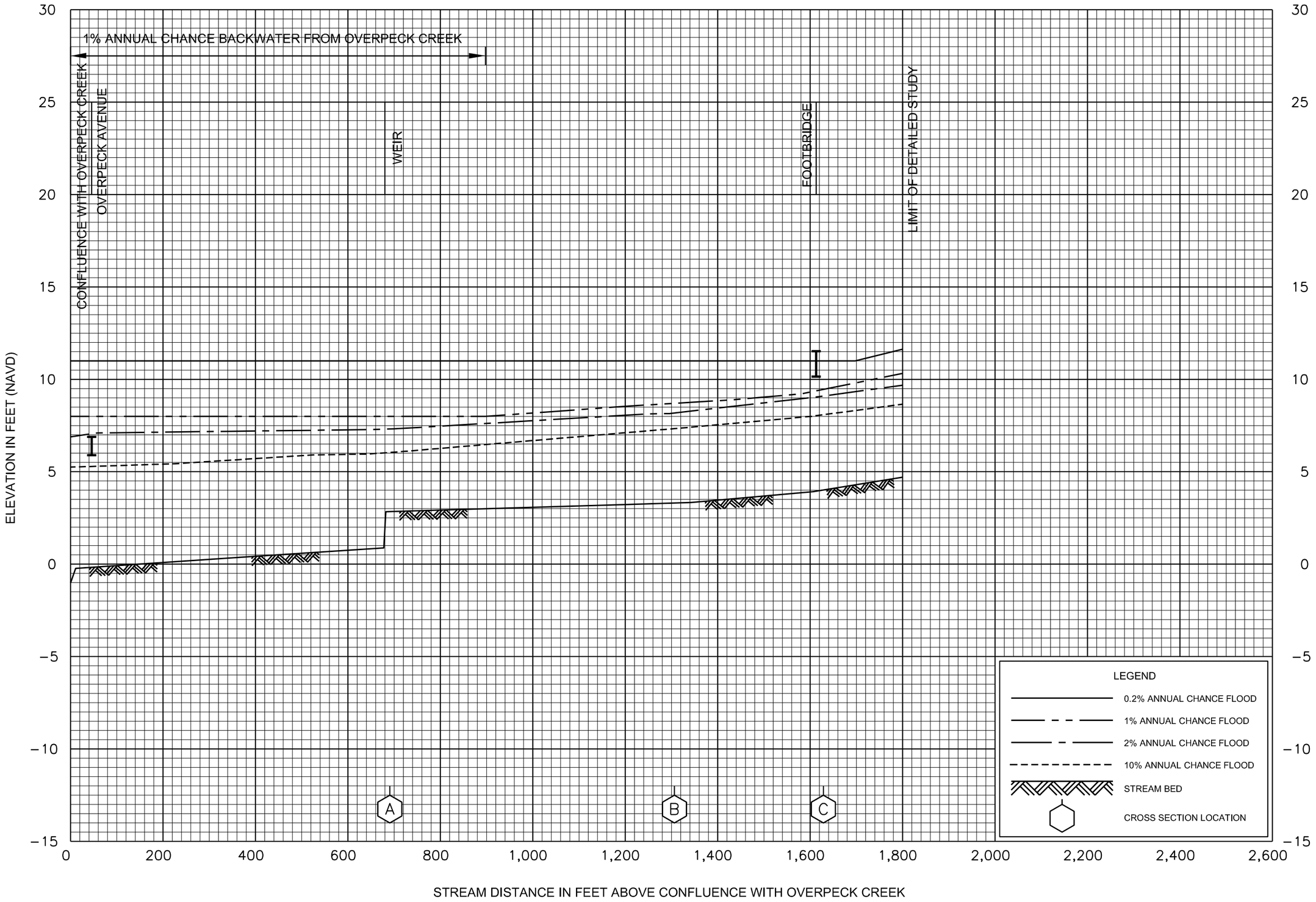

FLOOD PROFILES

OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



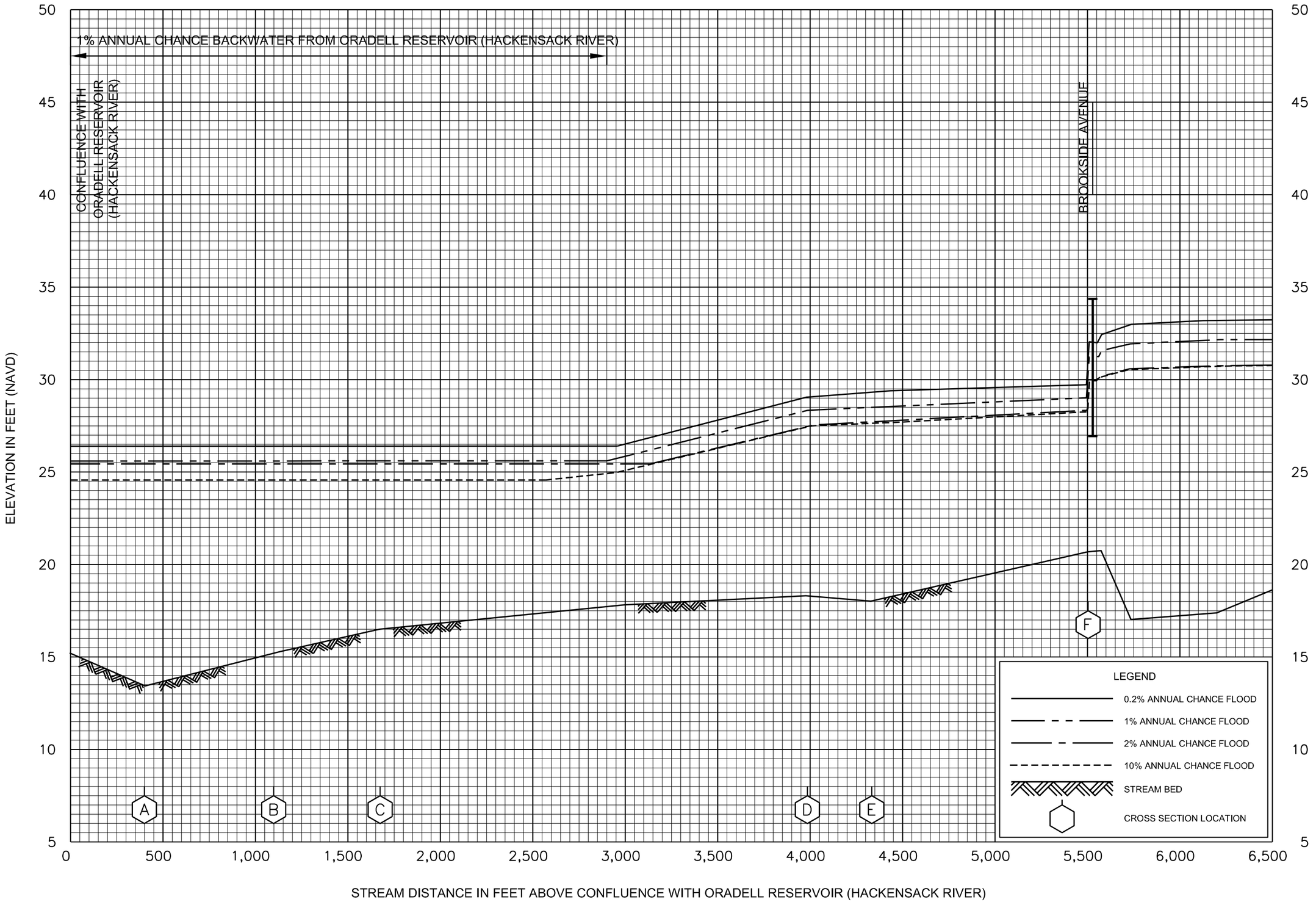

FLOOD PROFILES

TRIBUTARY TO OVERPECK CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



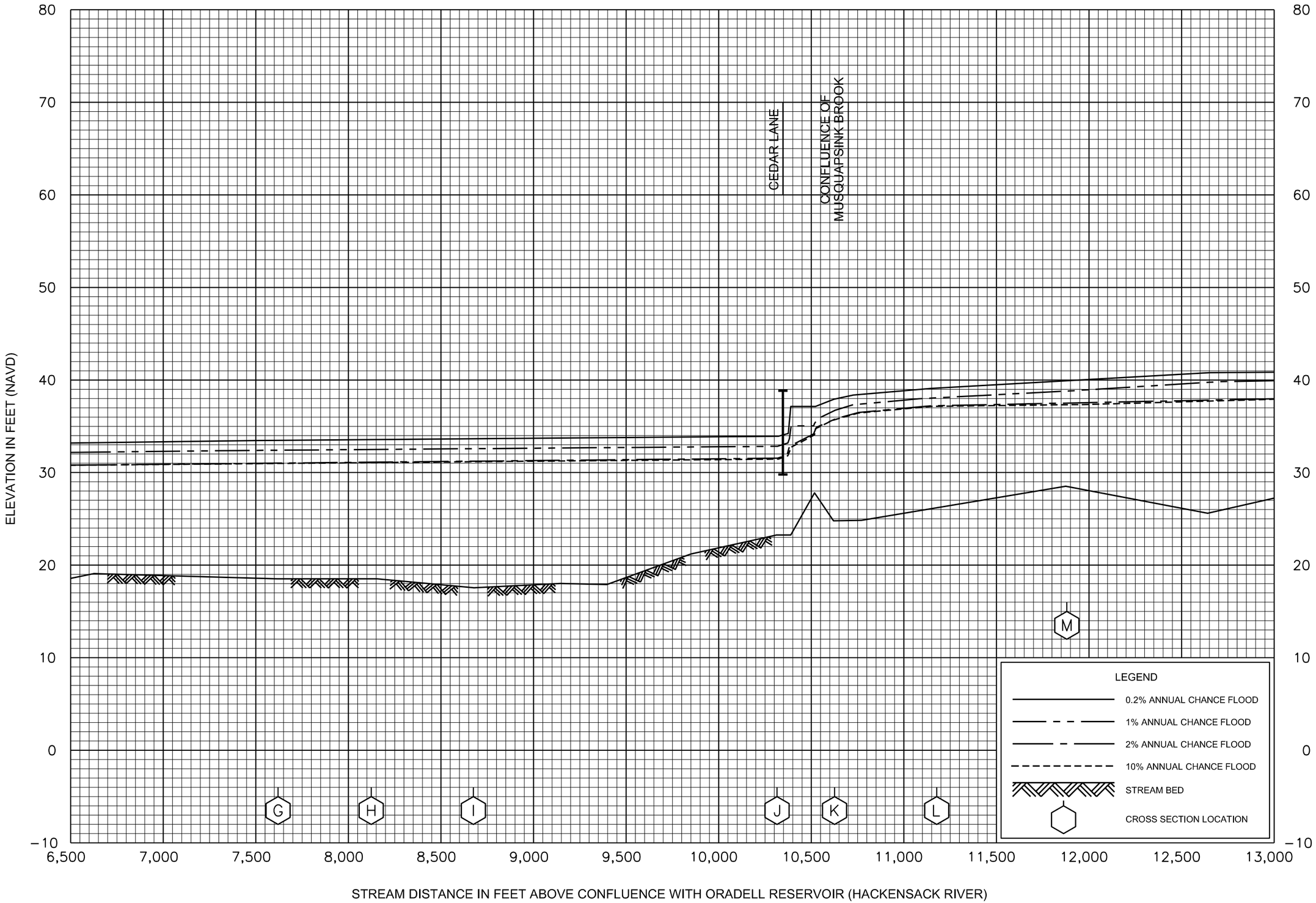

FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

ALL JURISDICTIONS



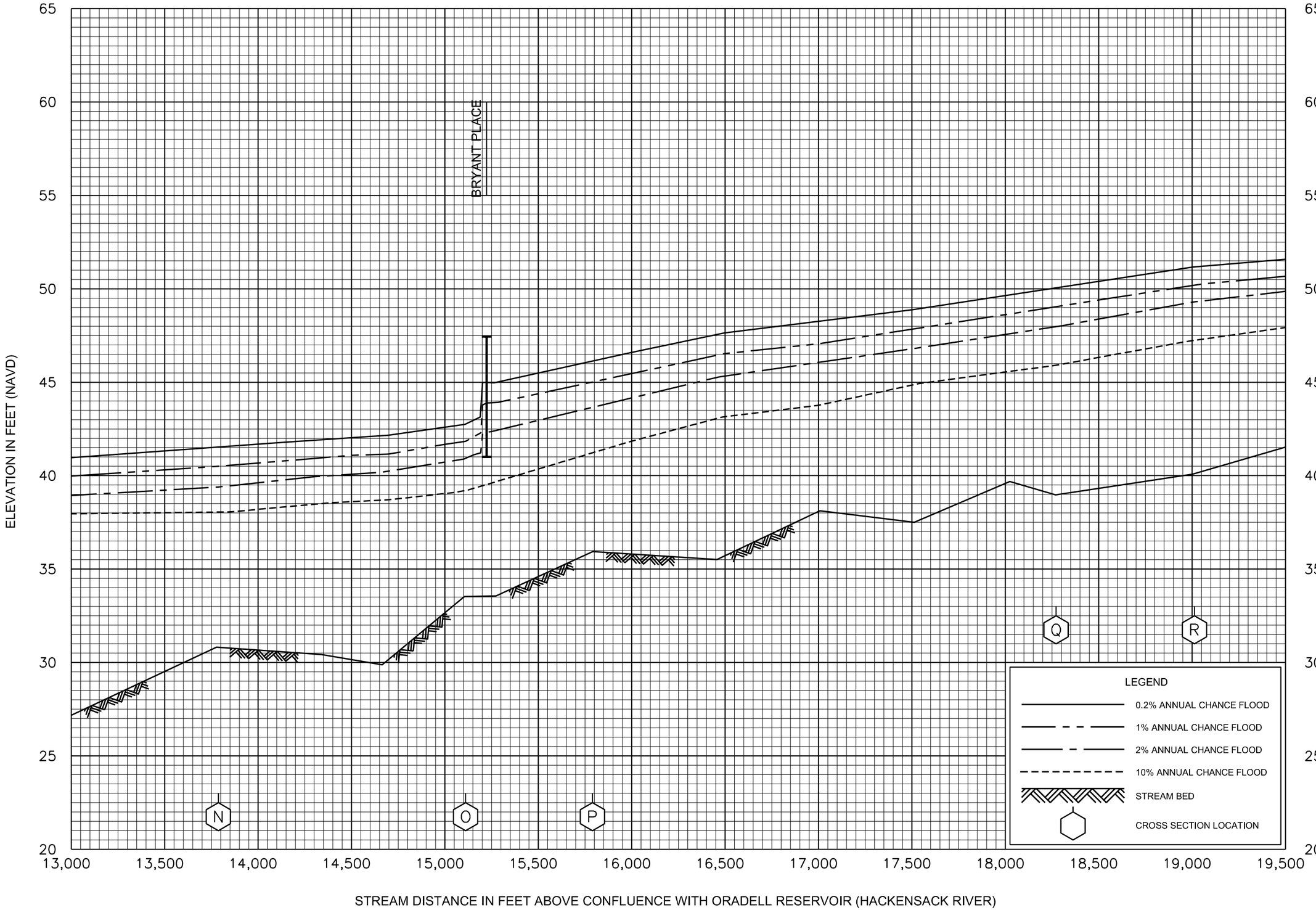

FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

ALL JURISDICTIONS



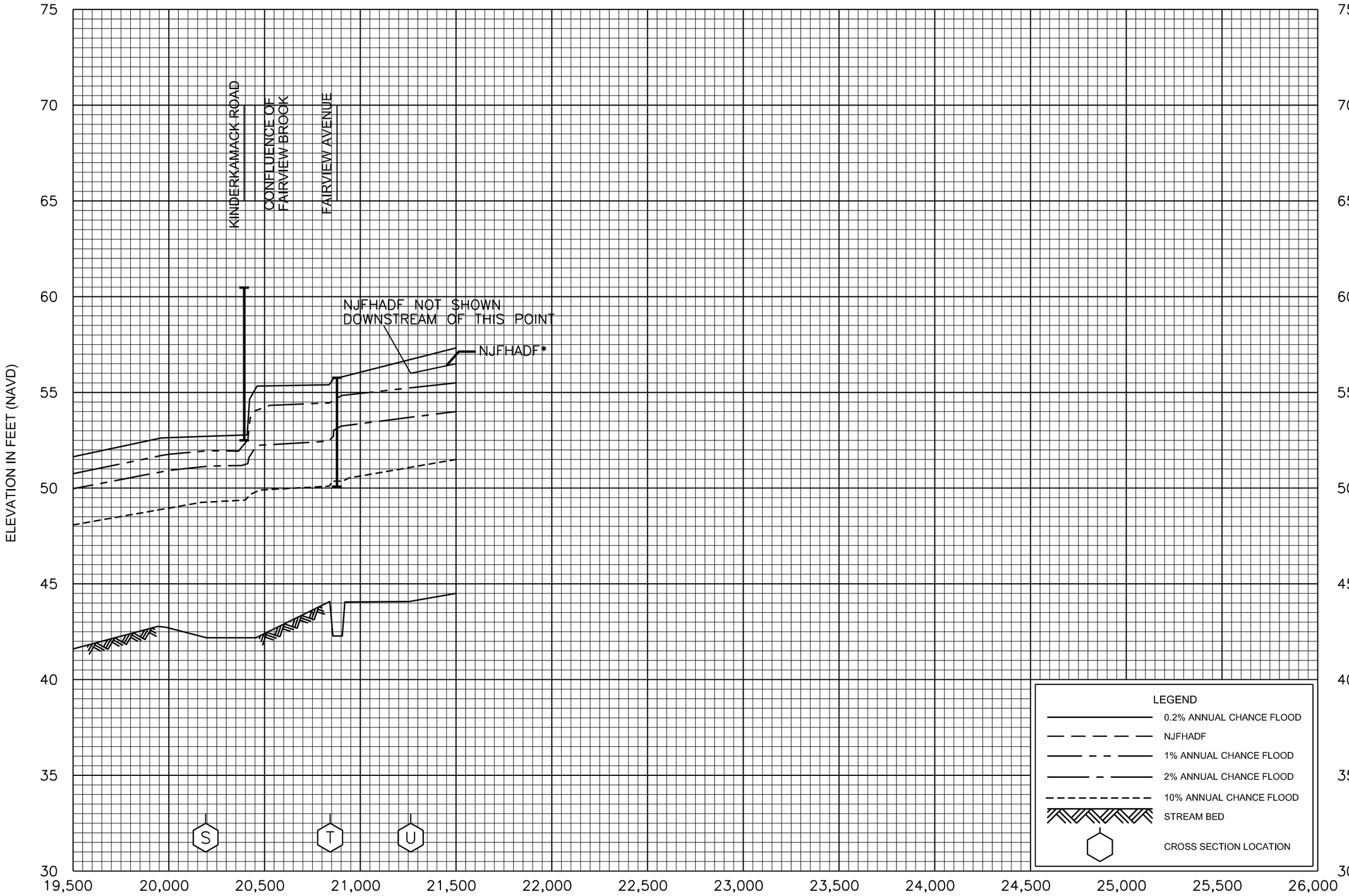

FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

ALL JURISDICTIONS




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ORADELL RESERVOIR (HACKENSACK RIVER)

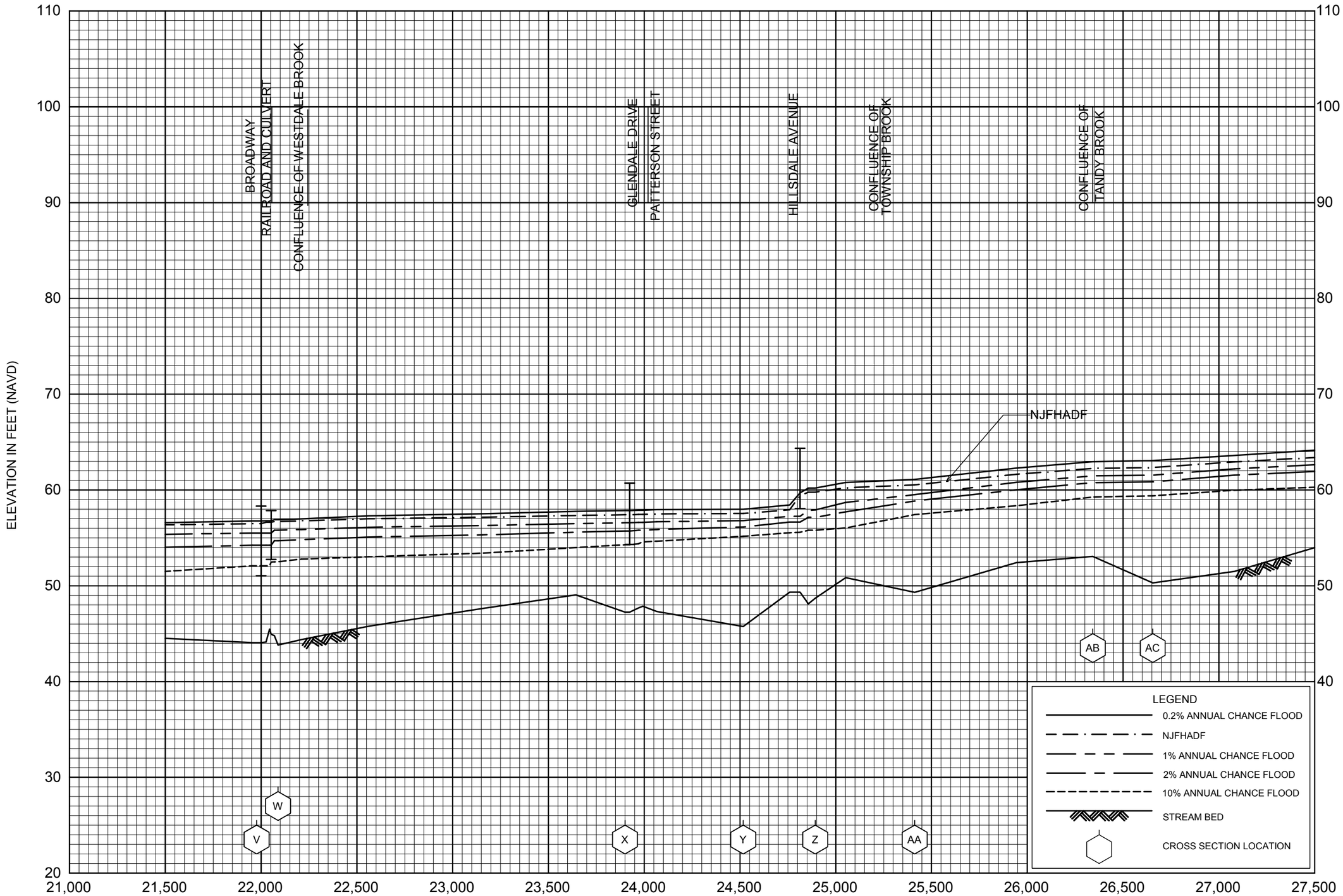
FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

ALL JURISDICTIONS




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

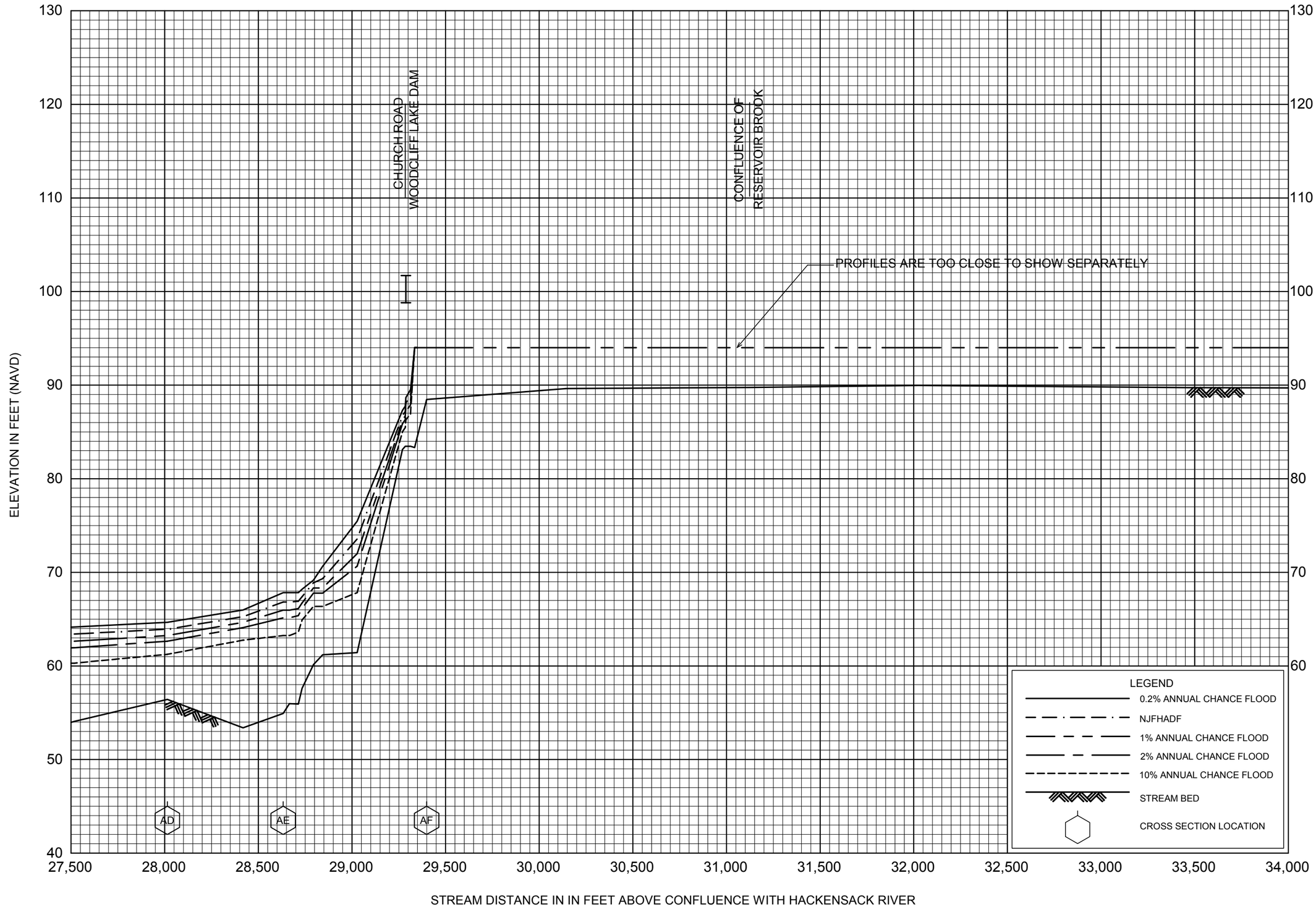
FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



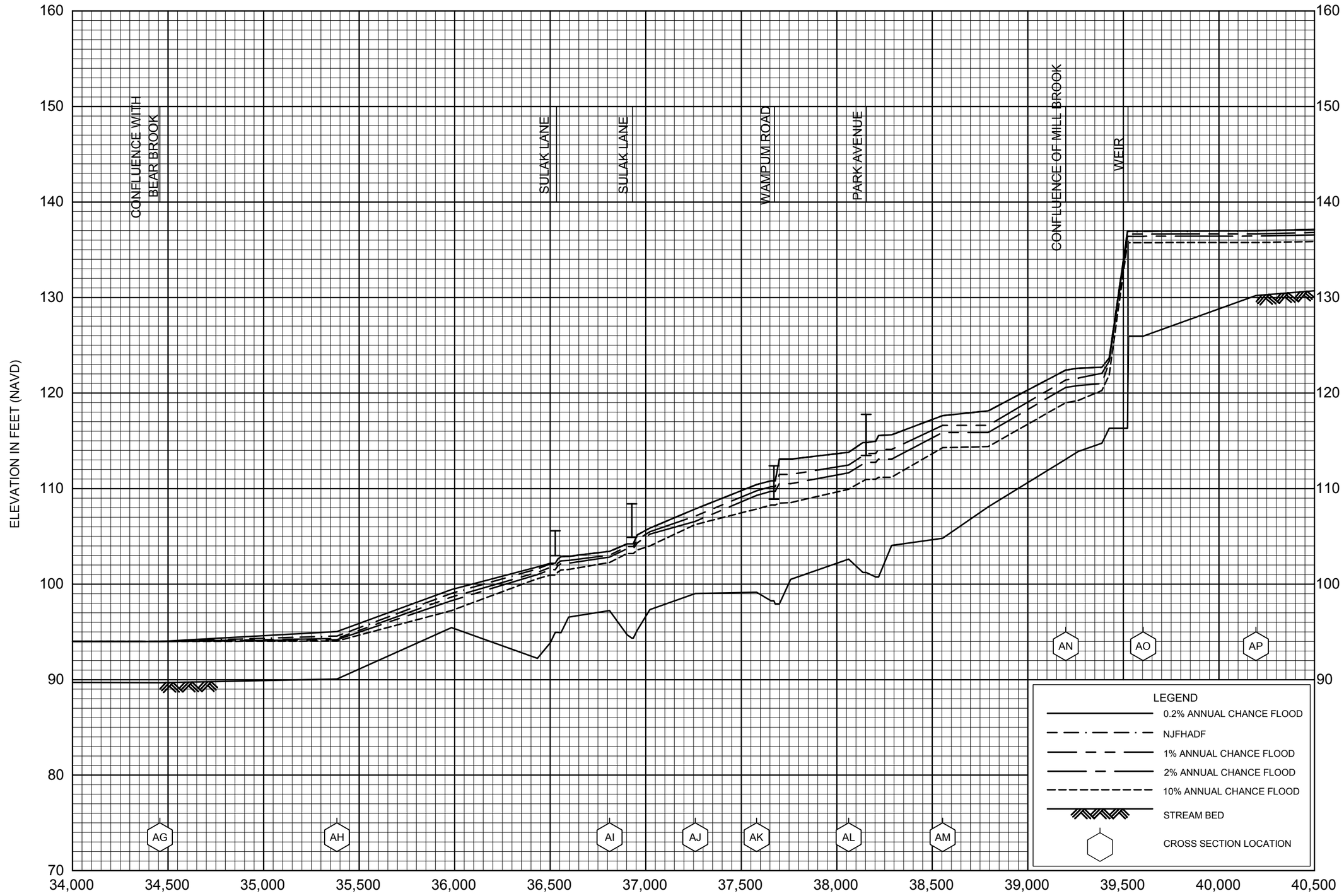

FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

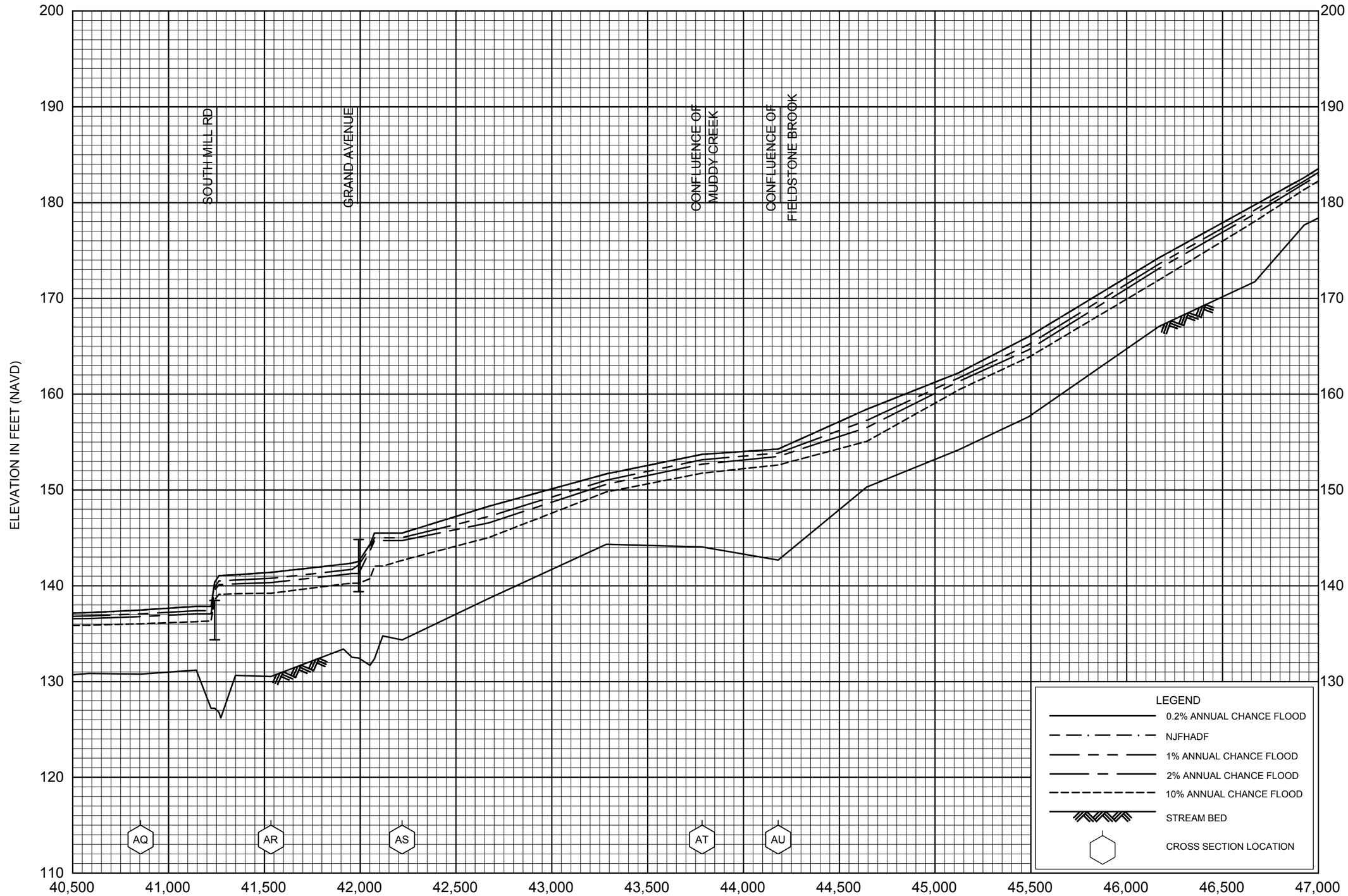
FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH ORADELL RESERVOIR

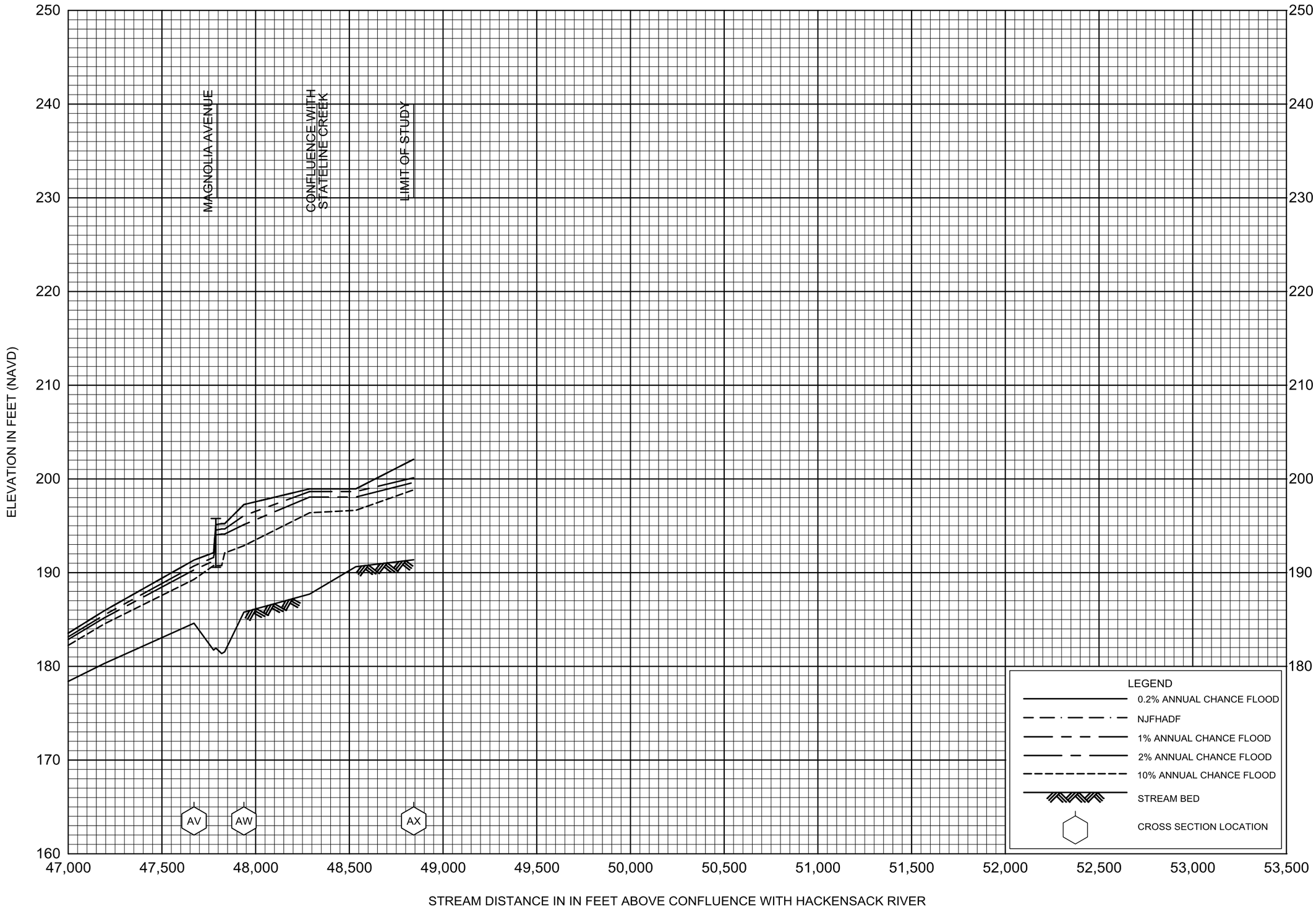
FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



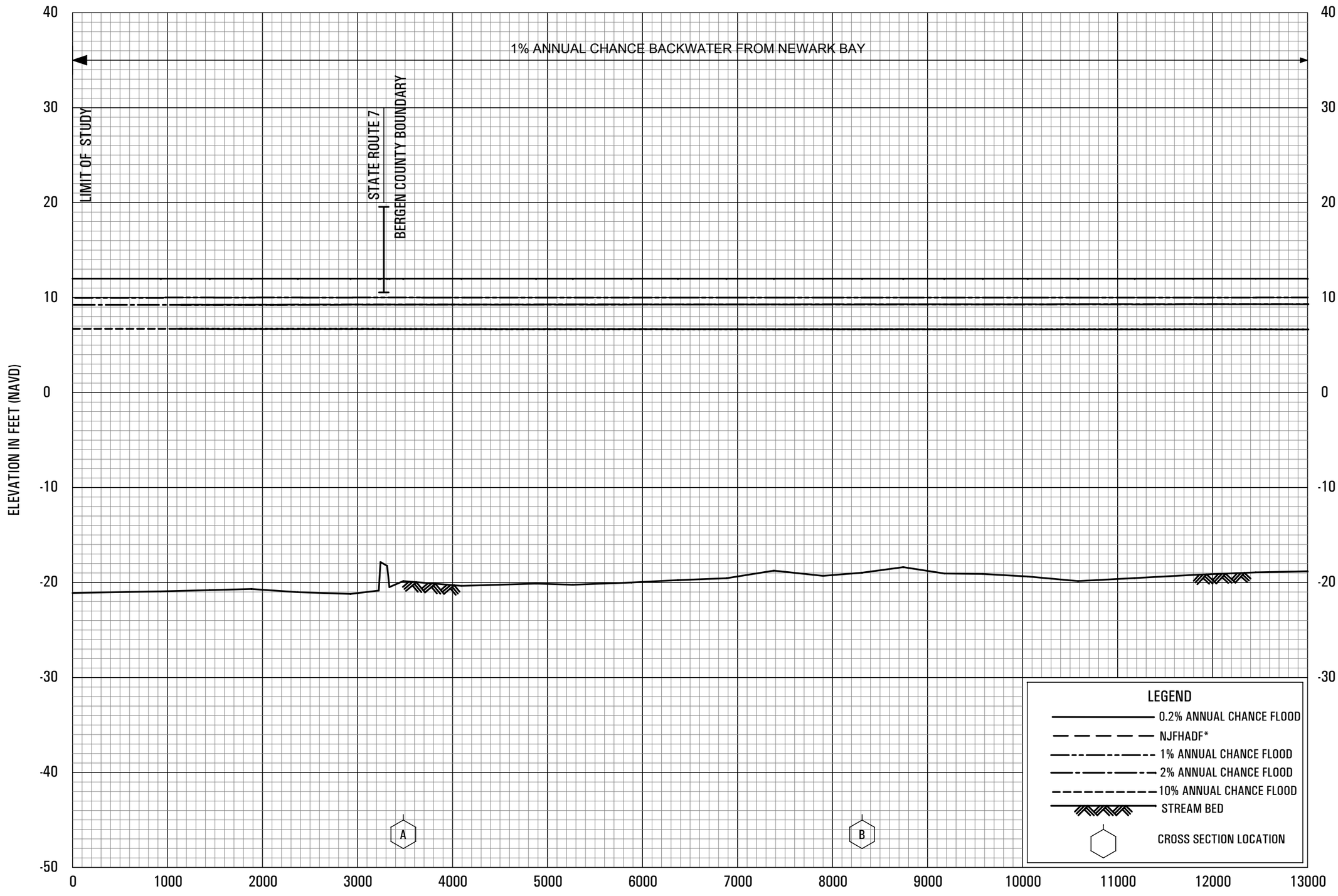

FLOOD PROFILES

PASCACK BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

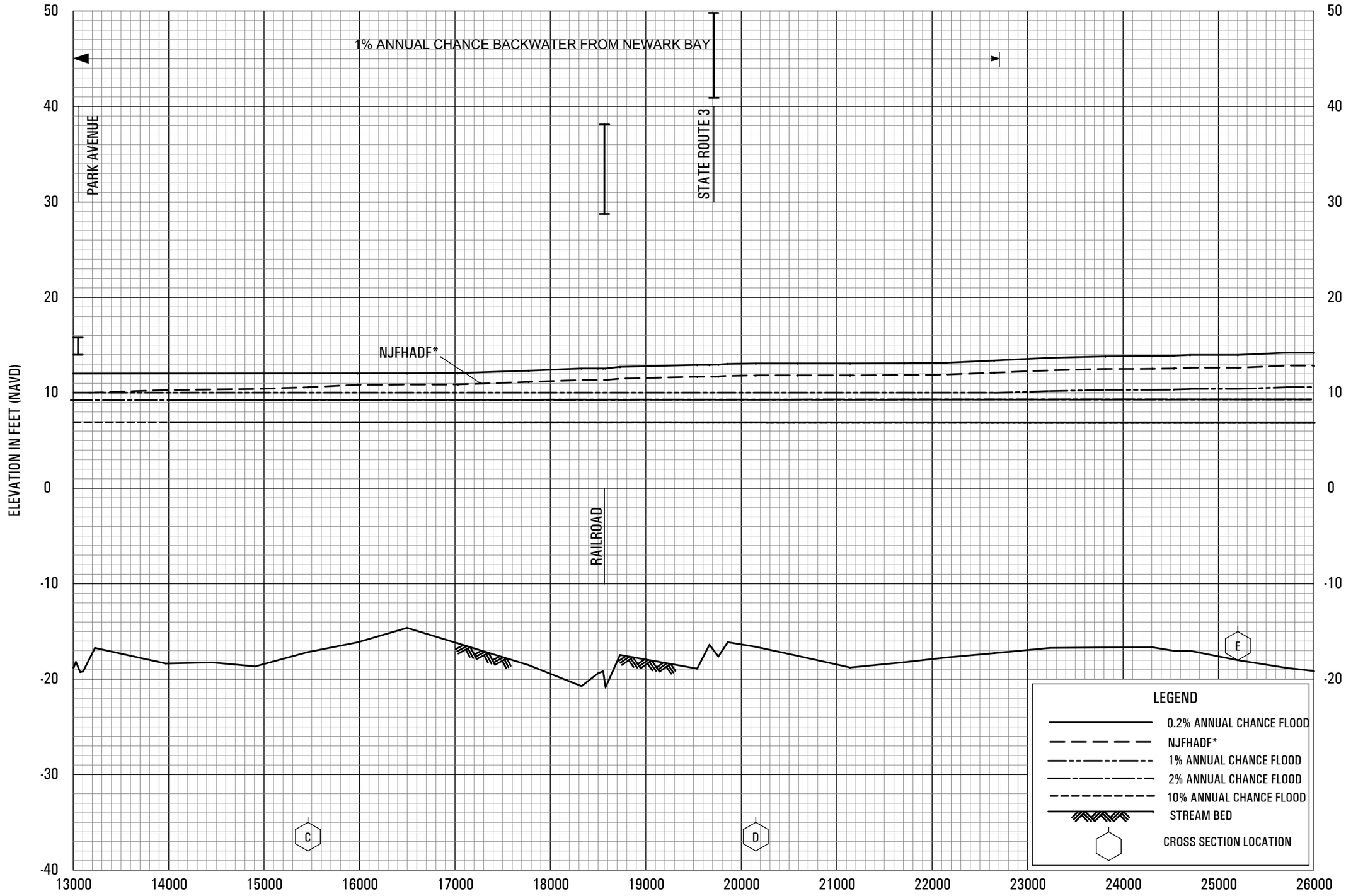
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

STREAM DISTANCE IN FEET ABOVE APPROXIMATELY 3,400 FEET DOWNSTREAM OF NJ ROUTE 7

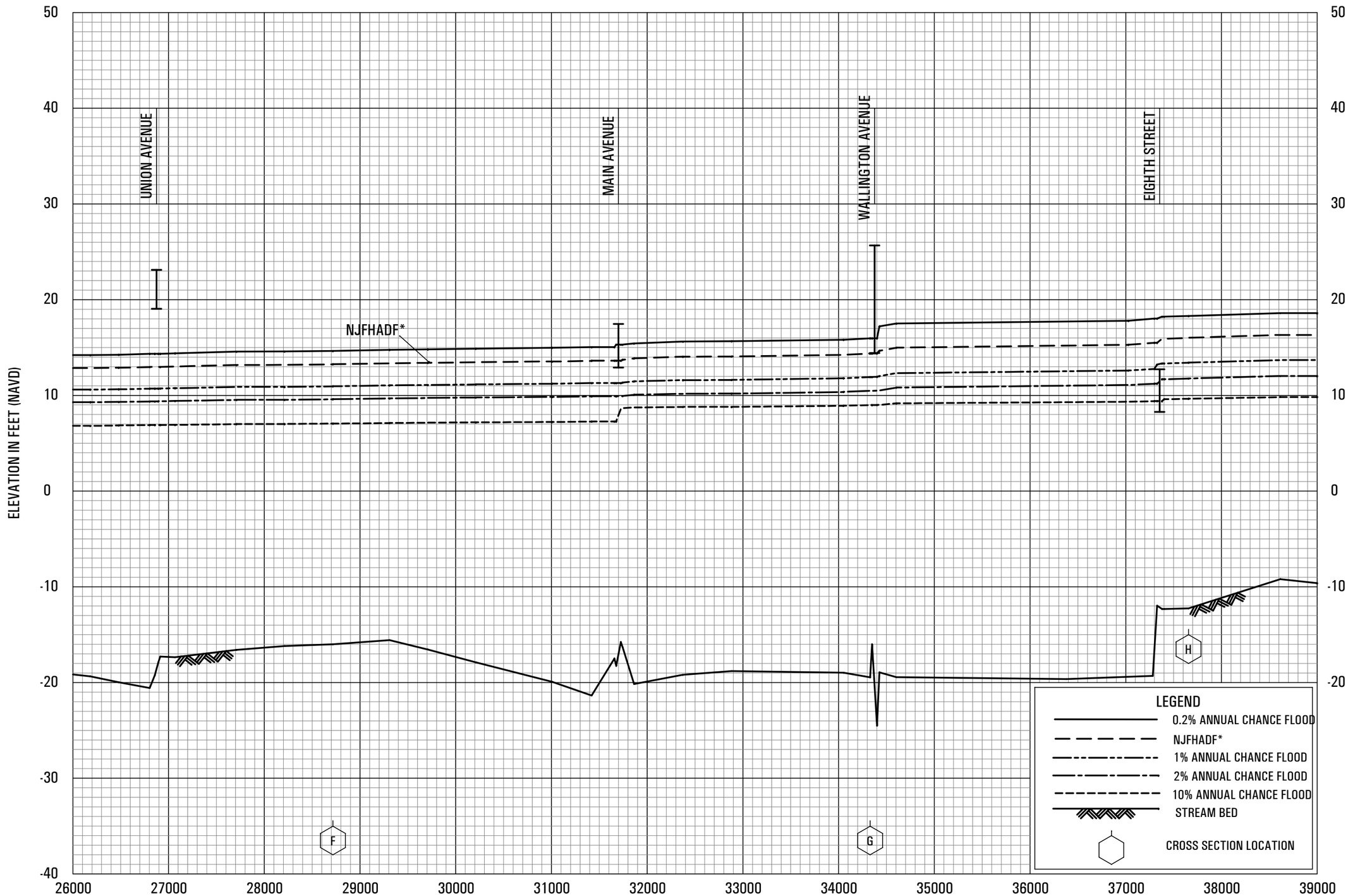
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

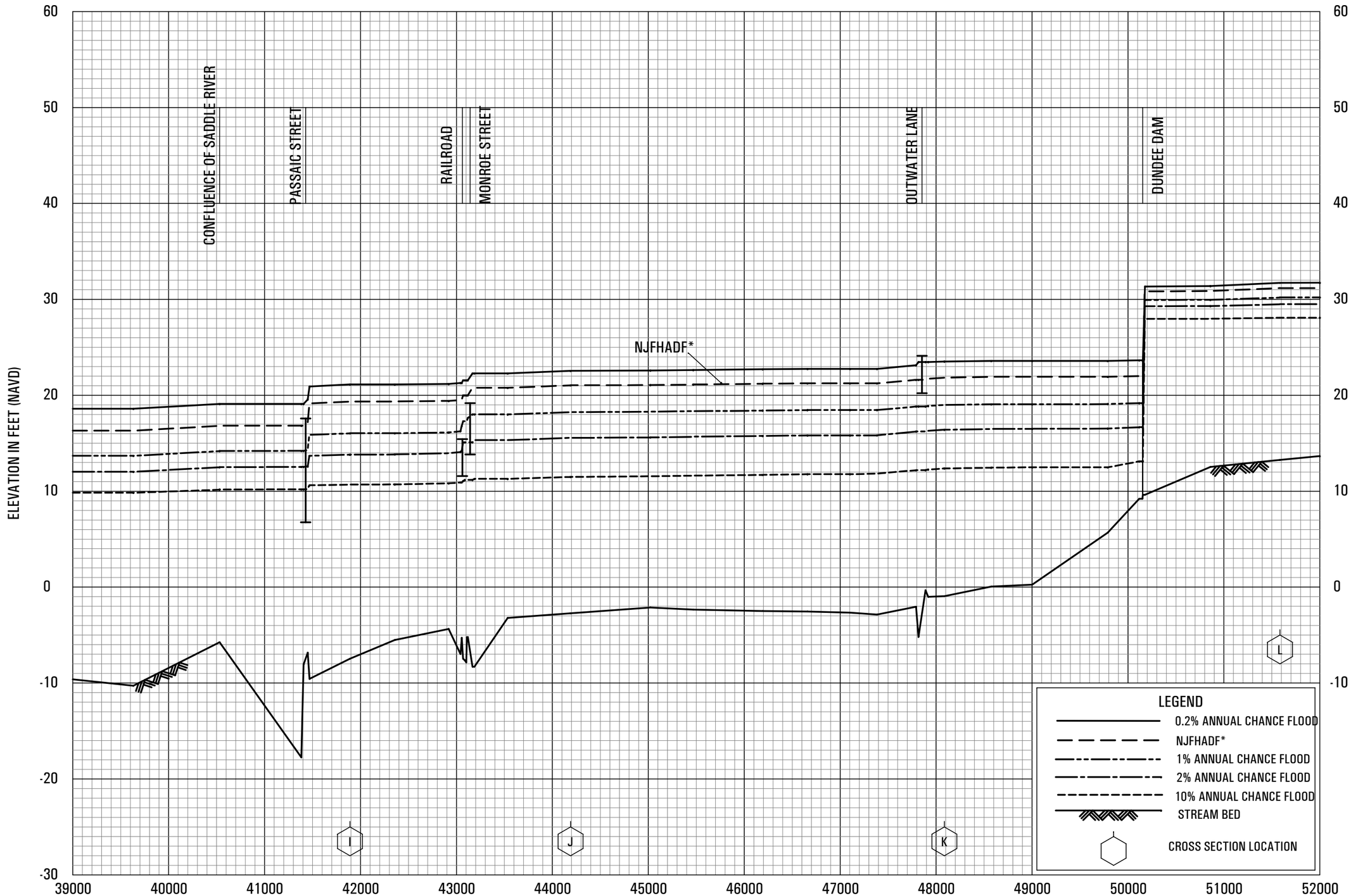
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

STREAM DISTANCE IN FEET ABOVE APPROXIMATELY 3,400 FEET DOWNSTREAM OF NJ ROUTE 7

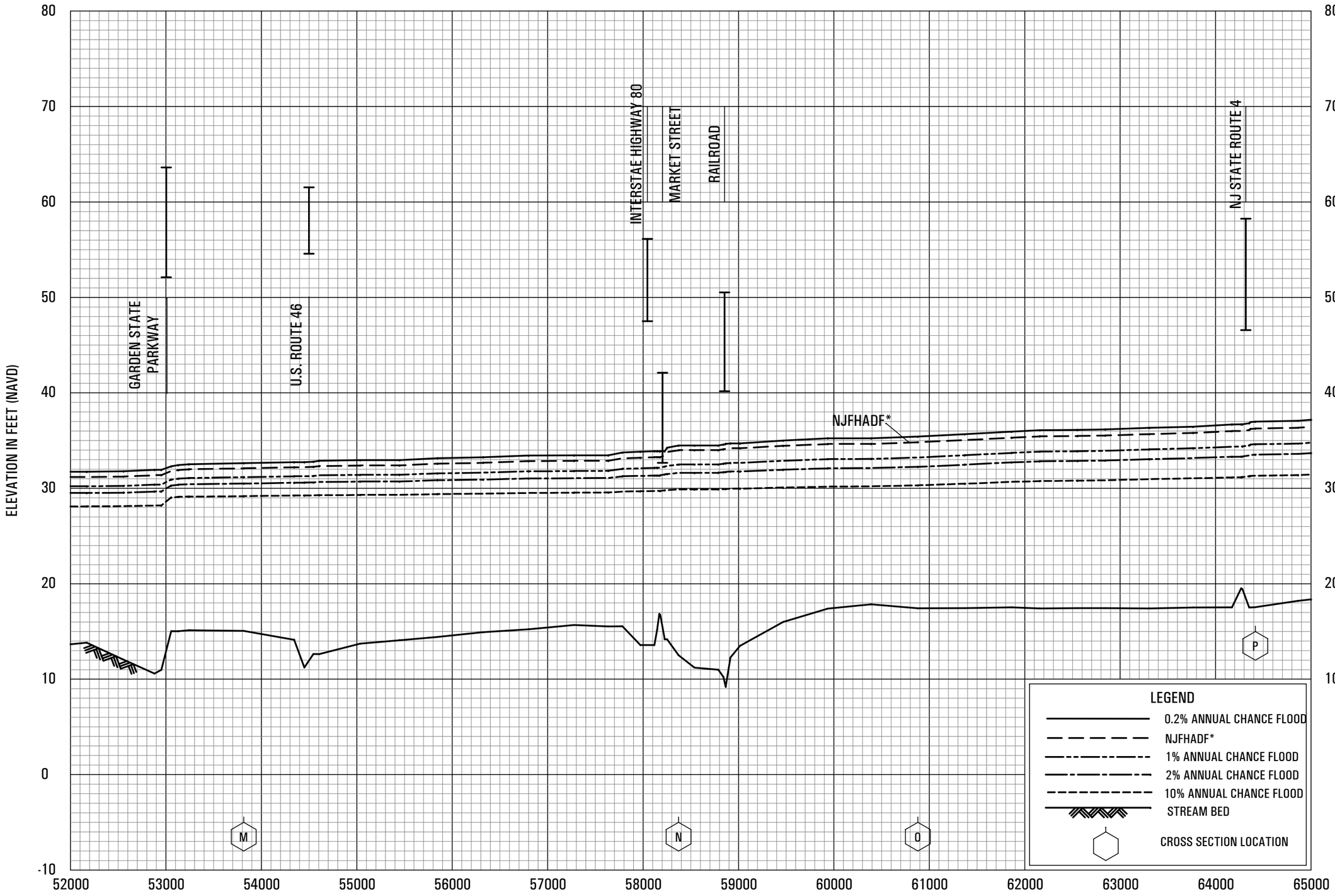
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

STREAM DISTANCE IN FEET ABOVE APPROXIMATELY 3,400 FEET DOWNSTREAM OF NJ ROUTE 7

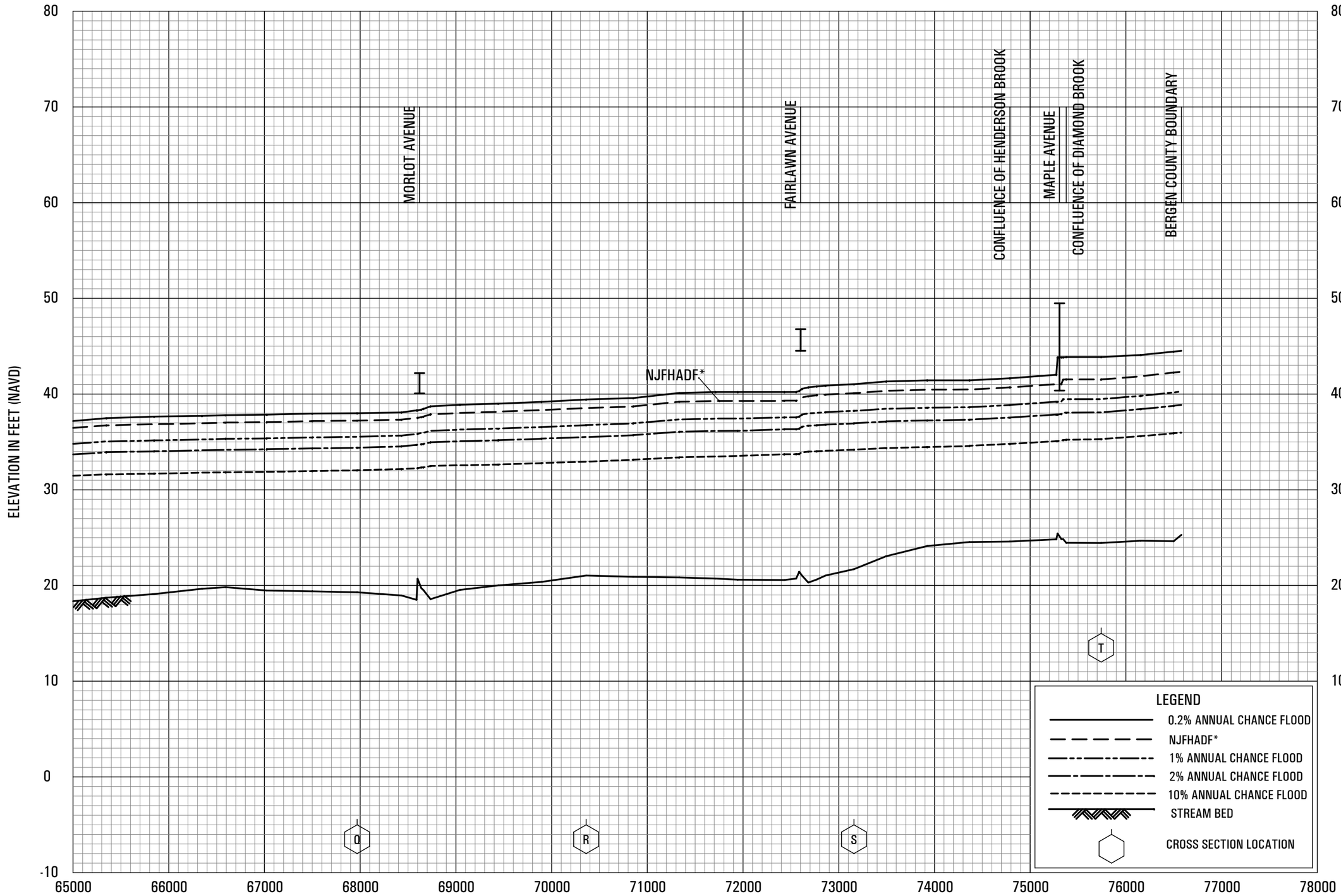
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD

STREAM DISTANCE IN FEET ABOVE APPROXIMATELY 3,400 FEET DOWNSTREAM OF NJ ROUTE 7

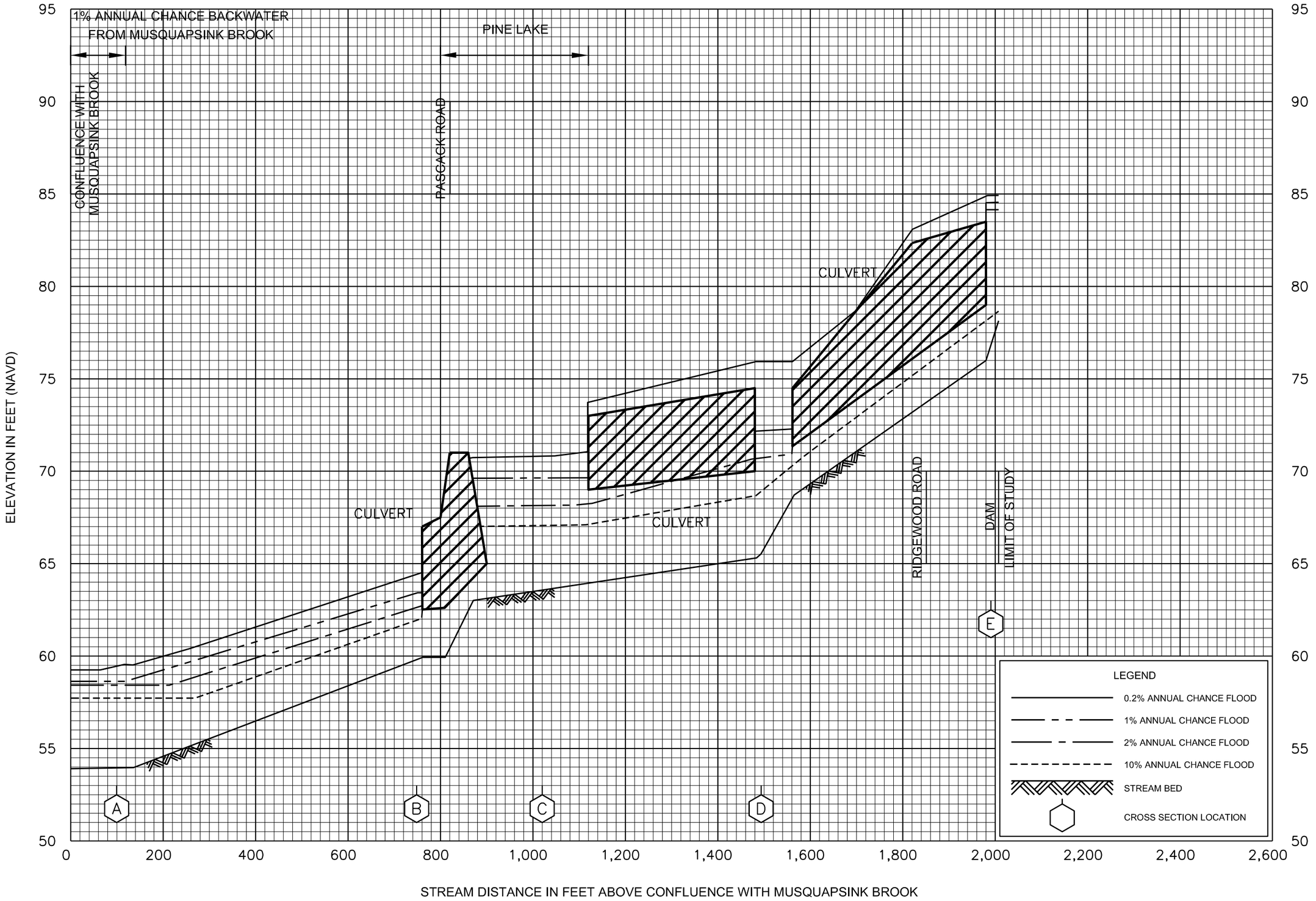
FLOOD PROFILES

PASSAIC RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

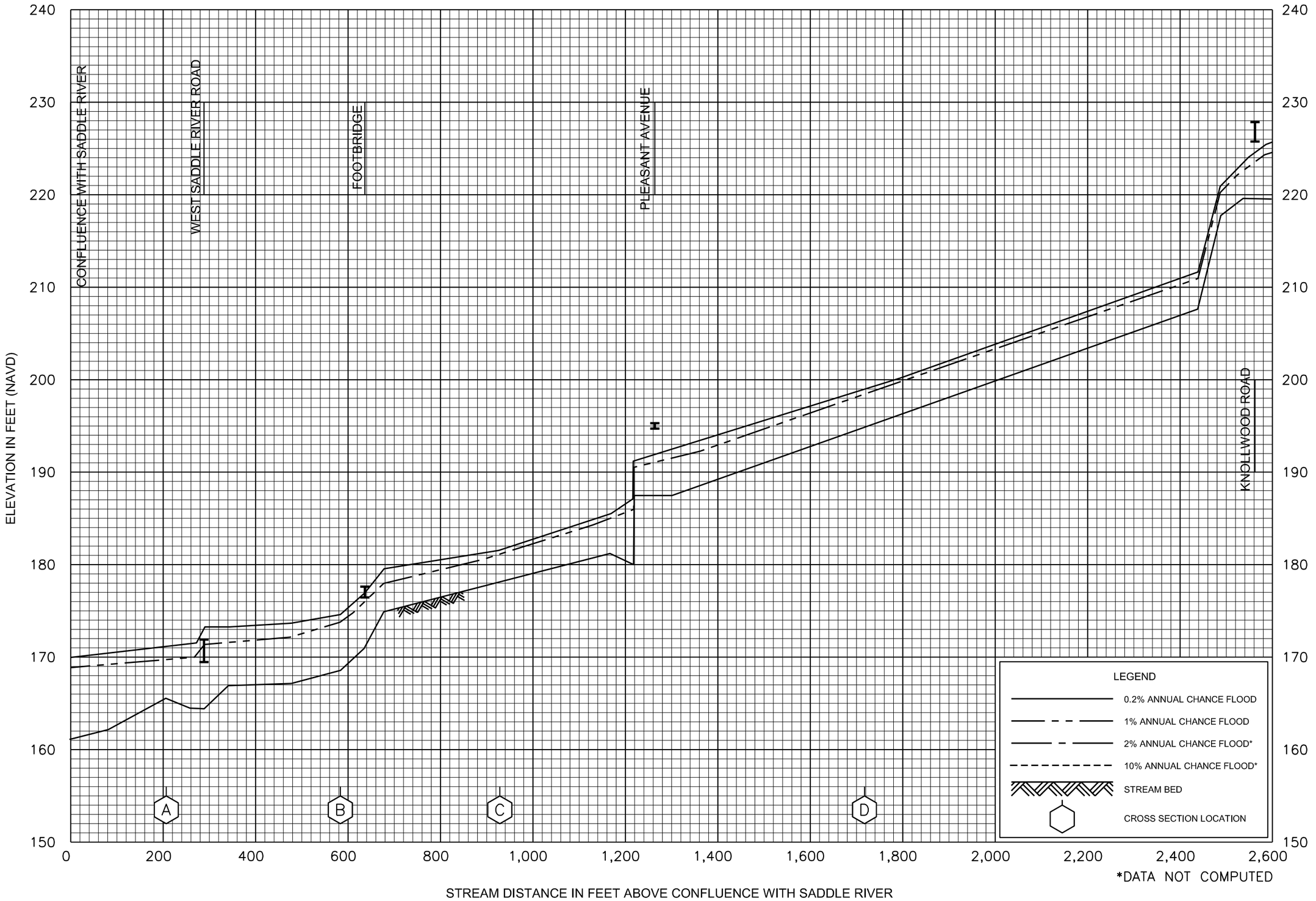
PINE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

224P



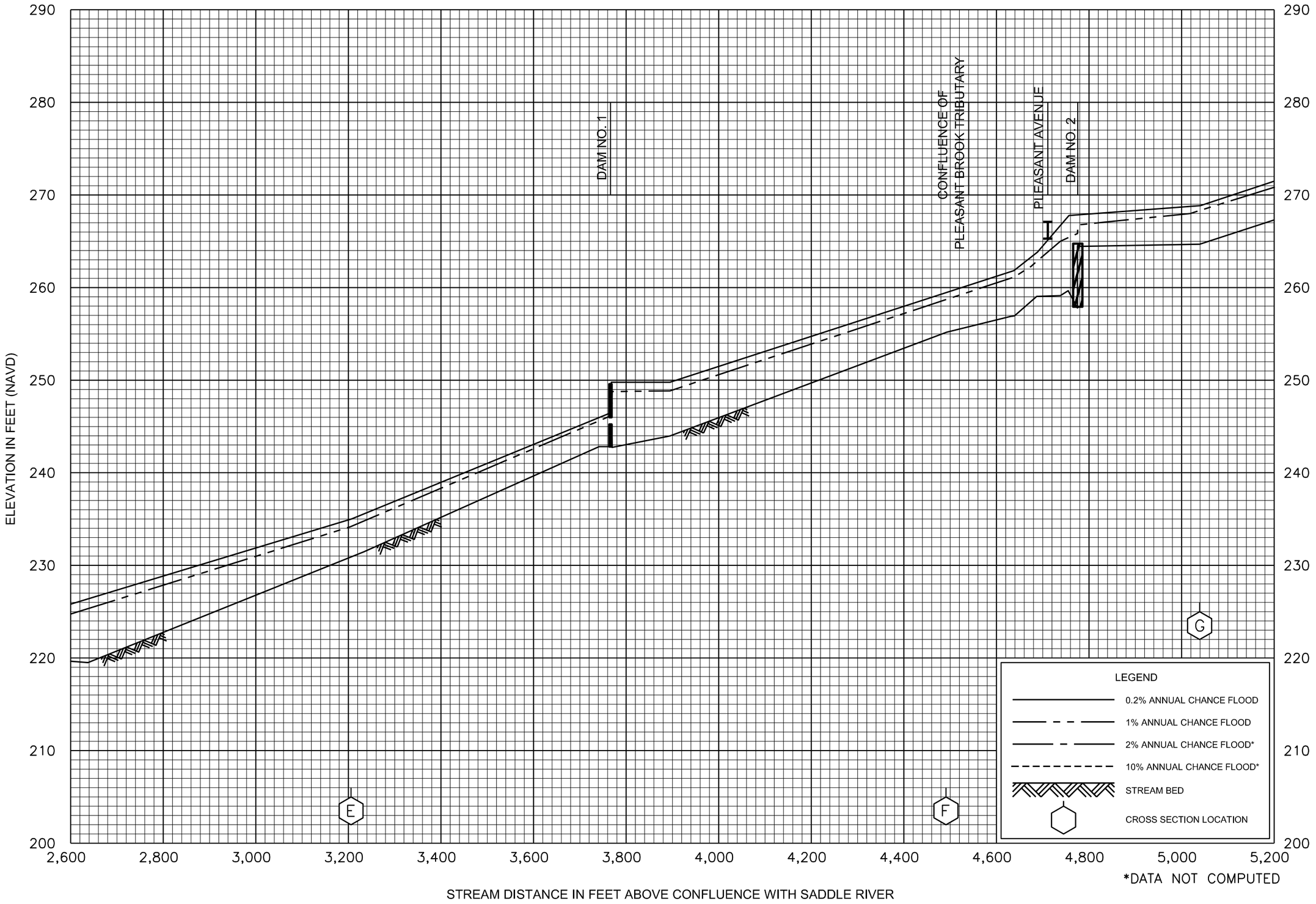

FLOOD PROFILES

PLEASANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

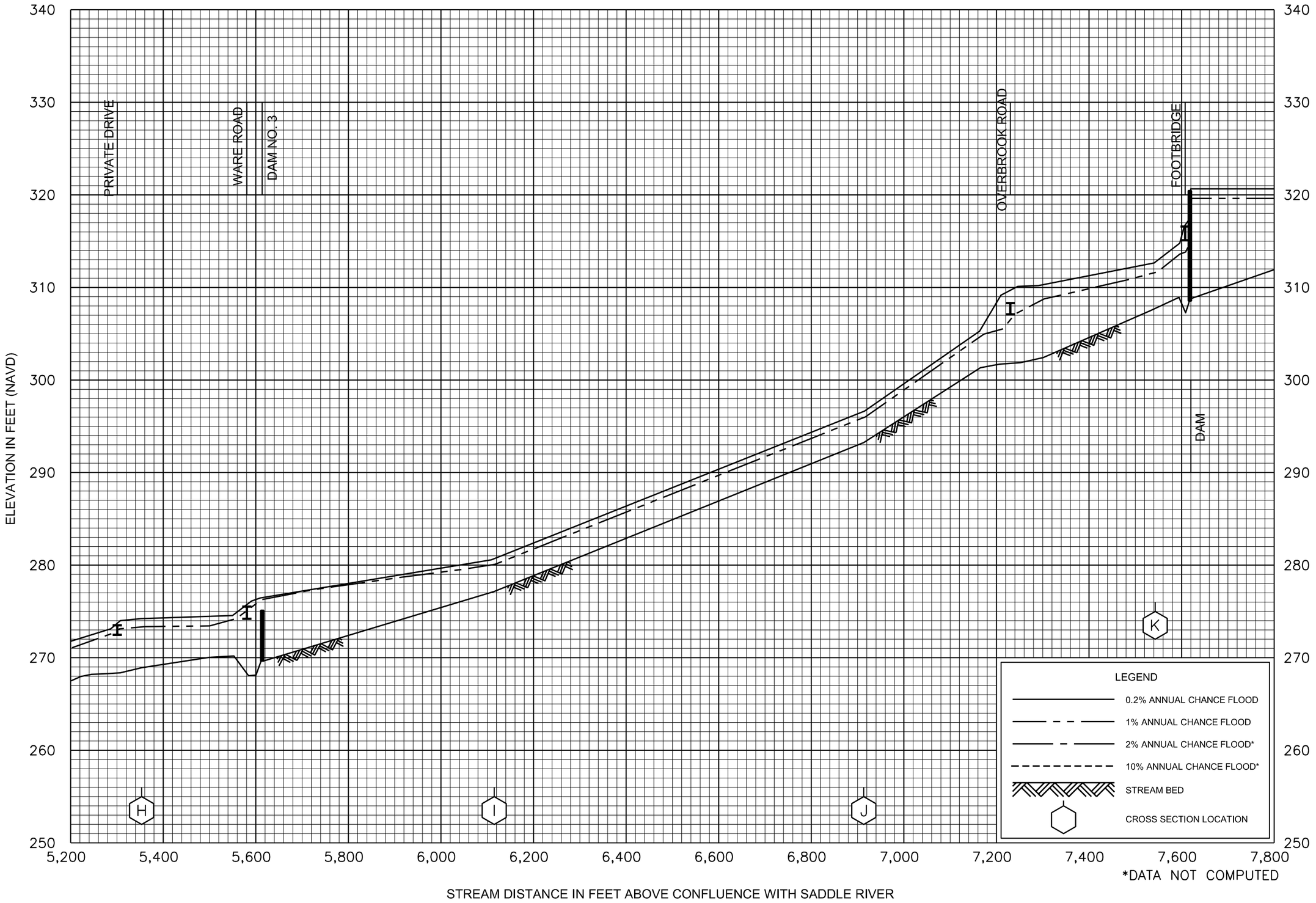
PLEASANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

226P




FLOOD PROFILES

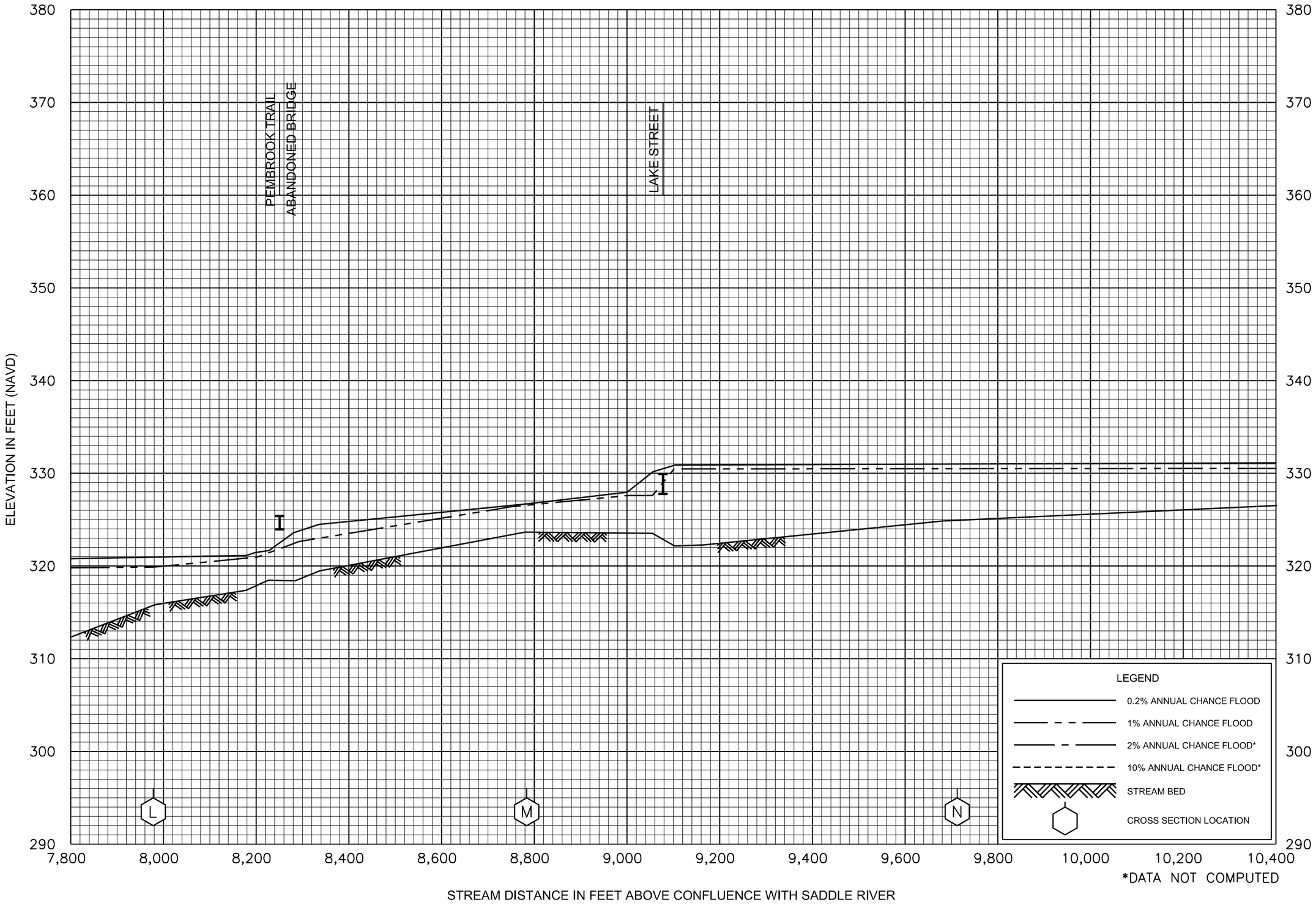
PLEASANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

227P



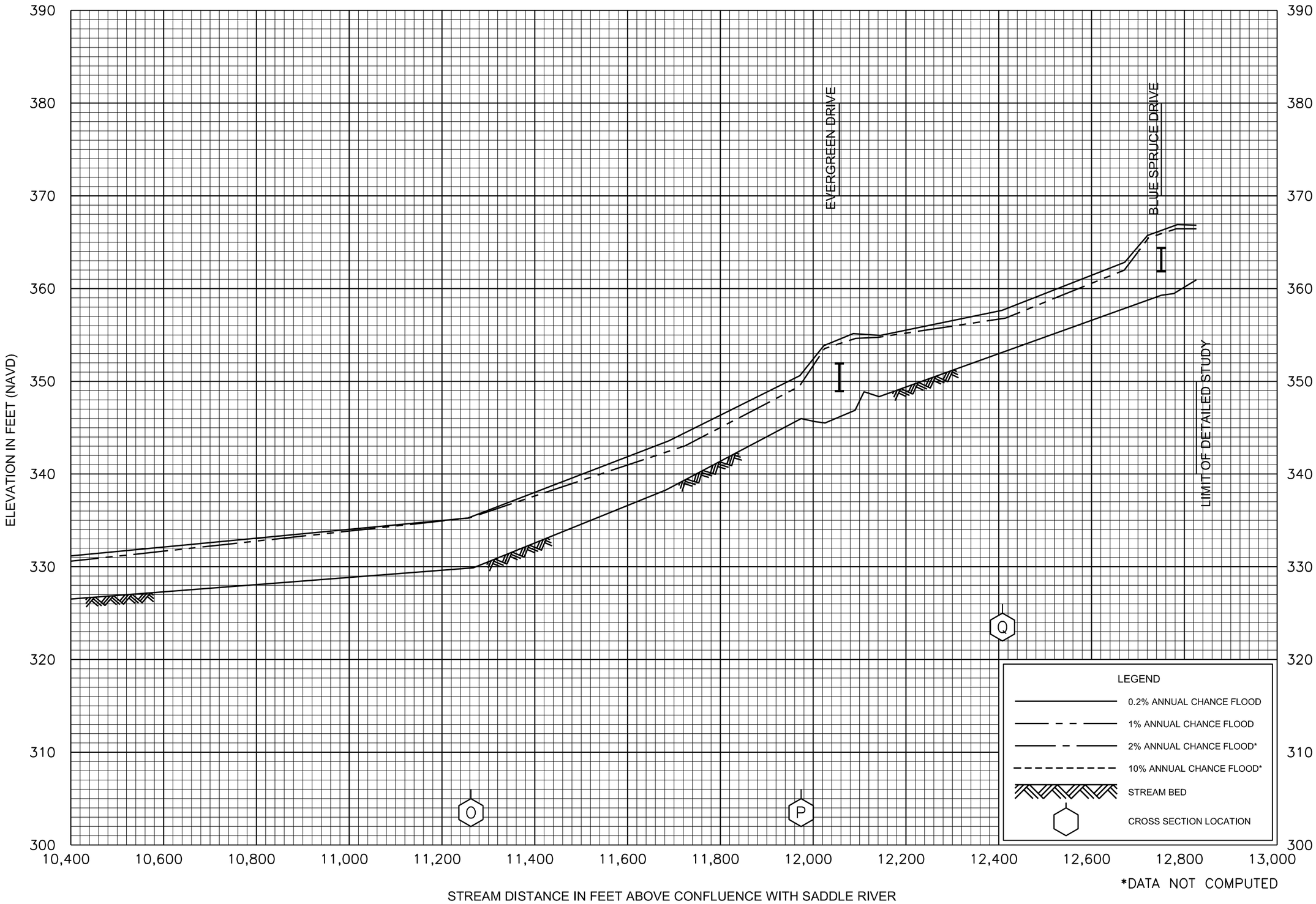

FLOOD PROFILES

PLEASANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

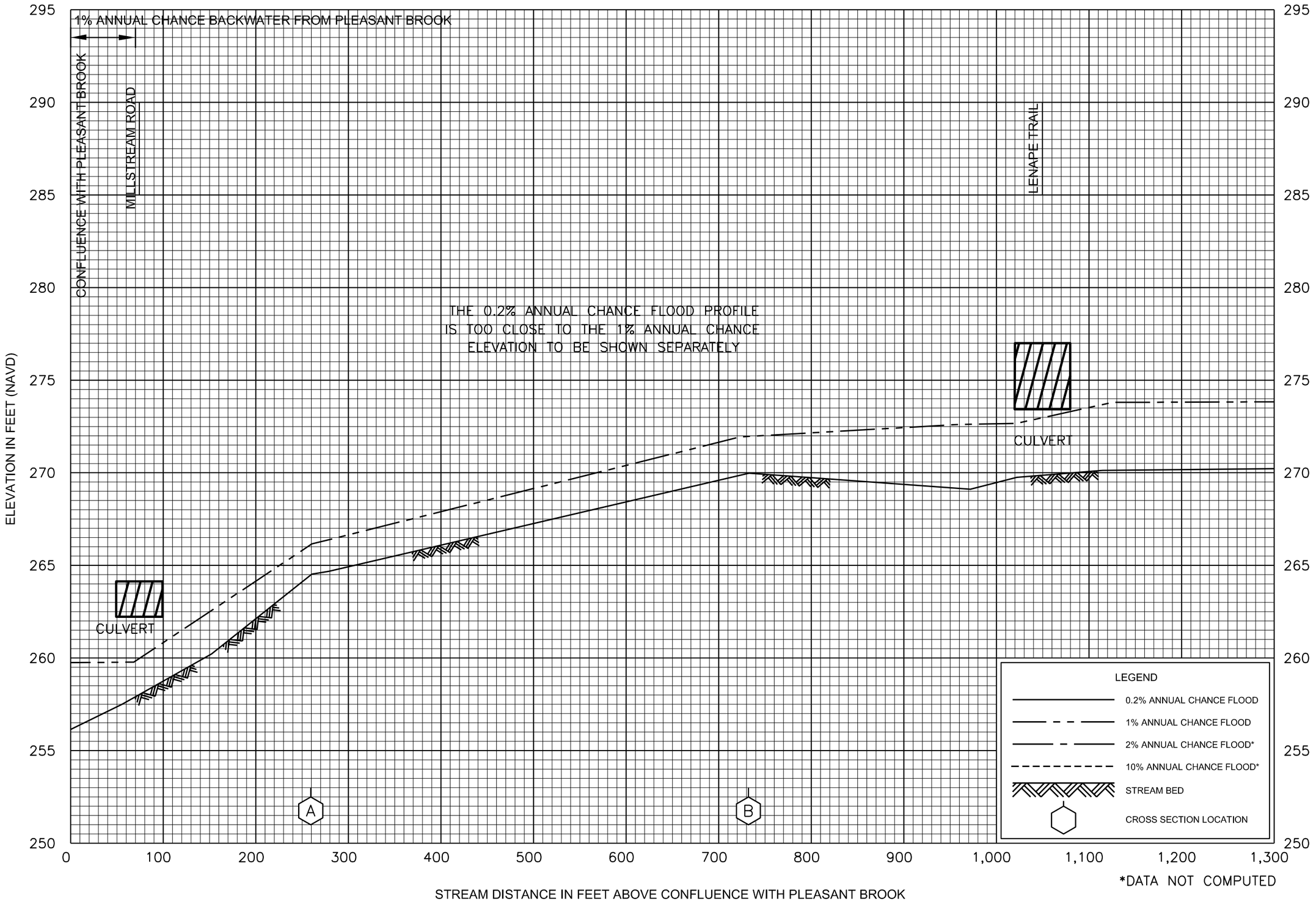
PLEASANT BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

229P



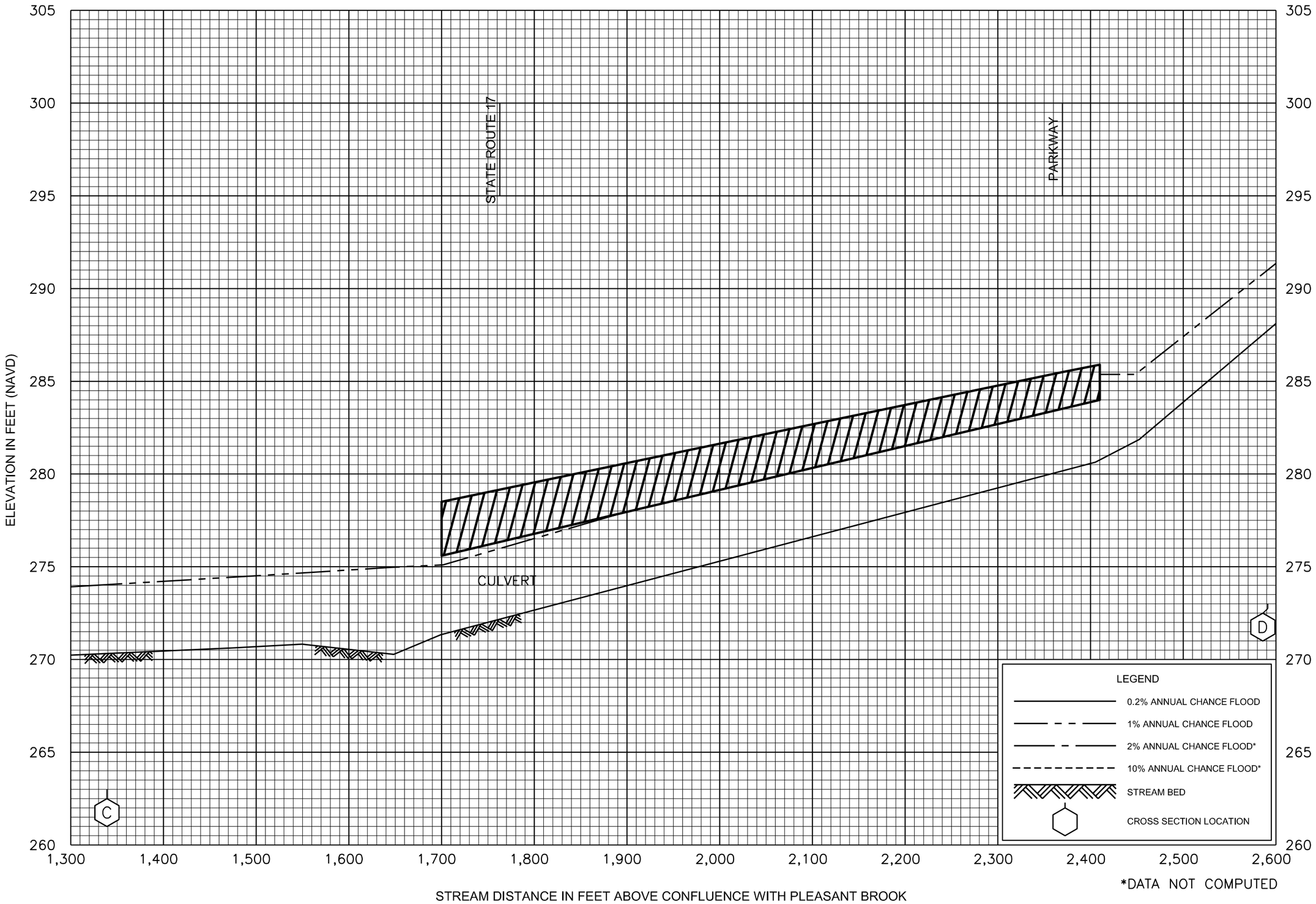

FLOOD PROFILES

PLEASANT BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



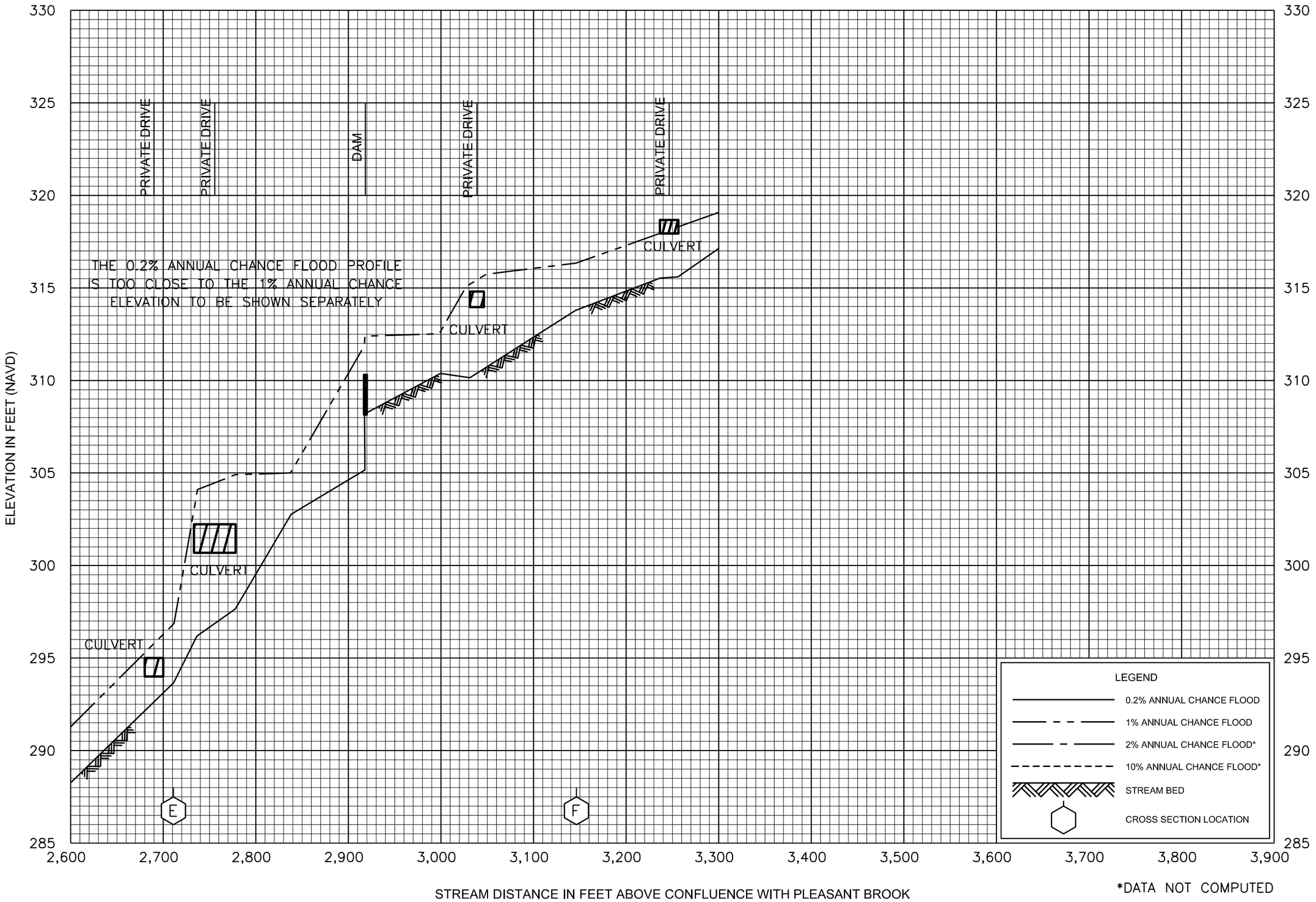

FLOOD PROFILES

PLEASANT BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*DATA NOT COMPUTED

FLOOD PROFILES

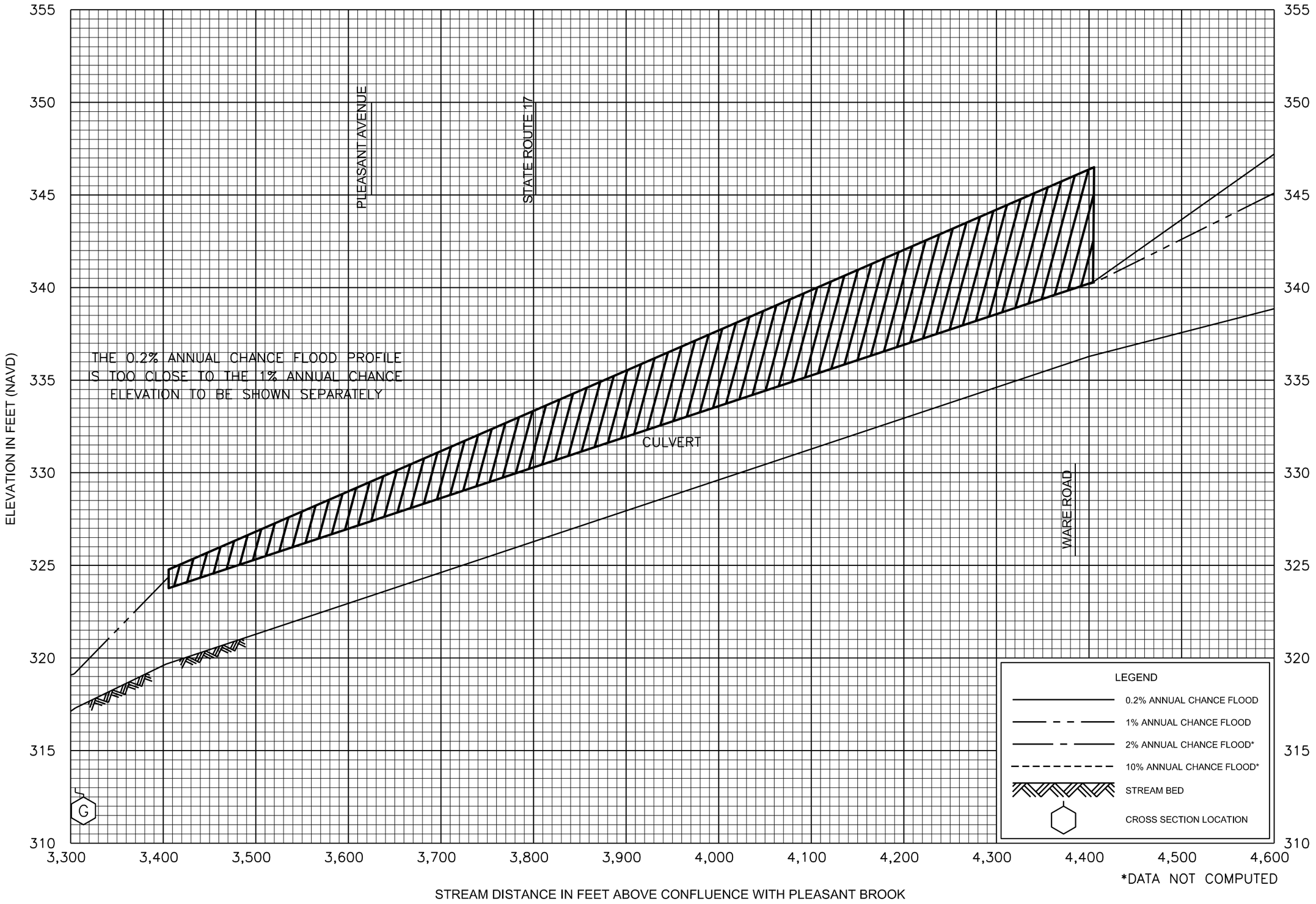
PLEASANT BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

232P



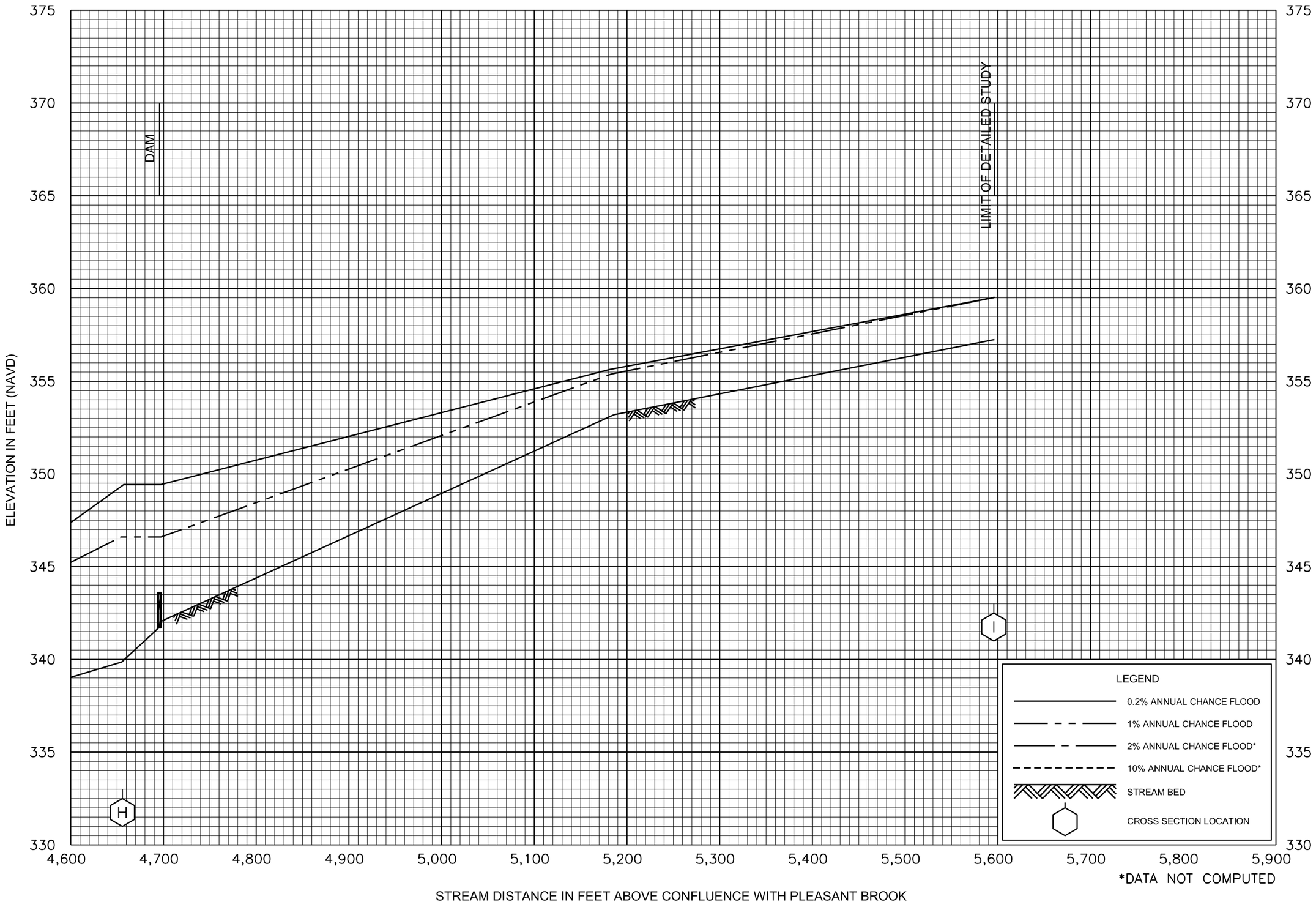

FLOOD PROFILES

PLEASANT BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



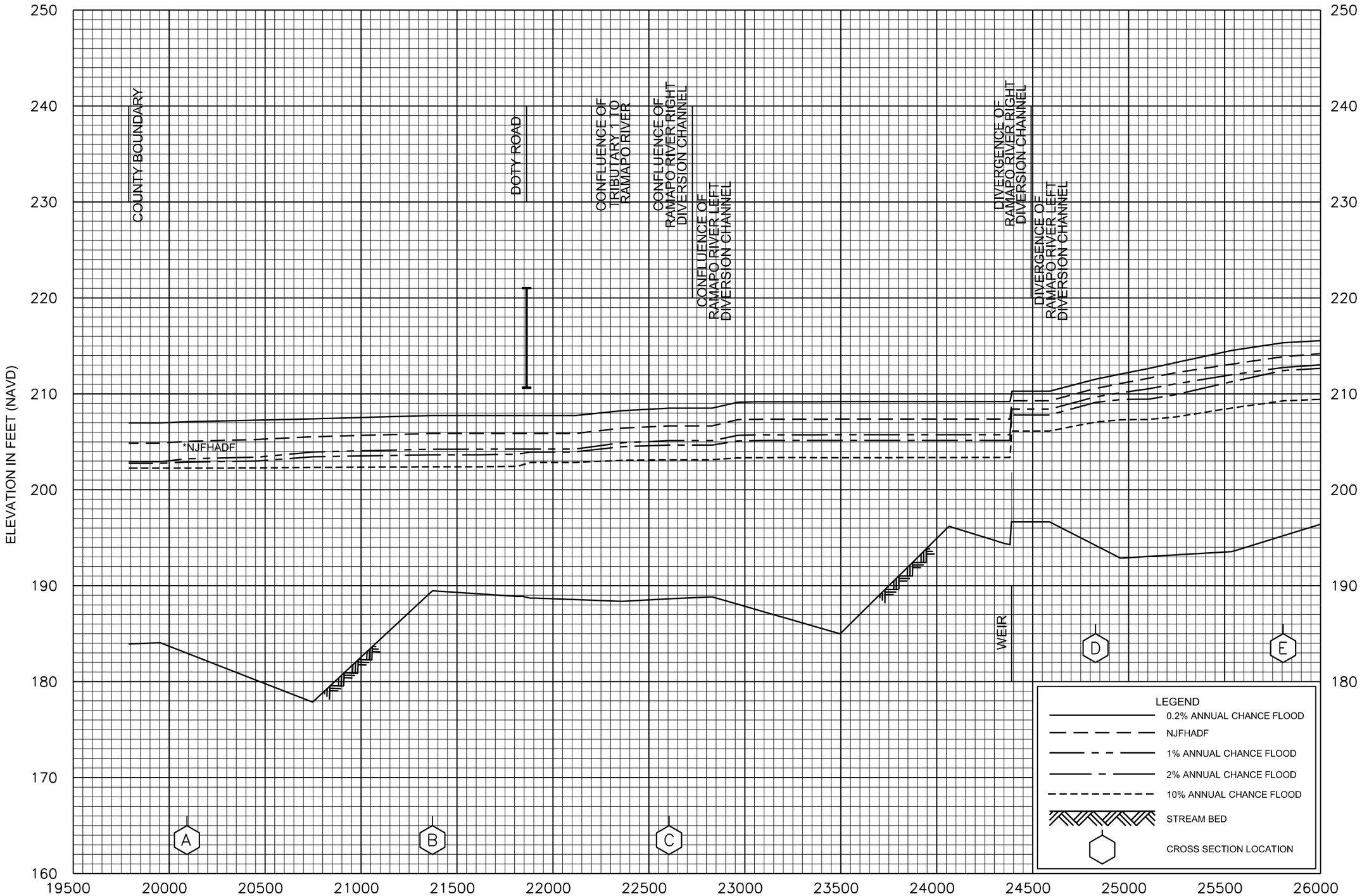

FLOOD PROFILES

PLEASANT BROOK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH POMPTON RIVER

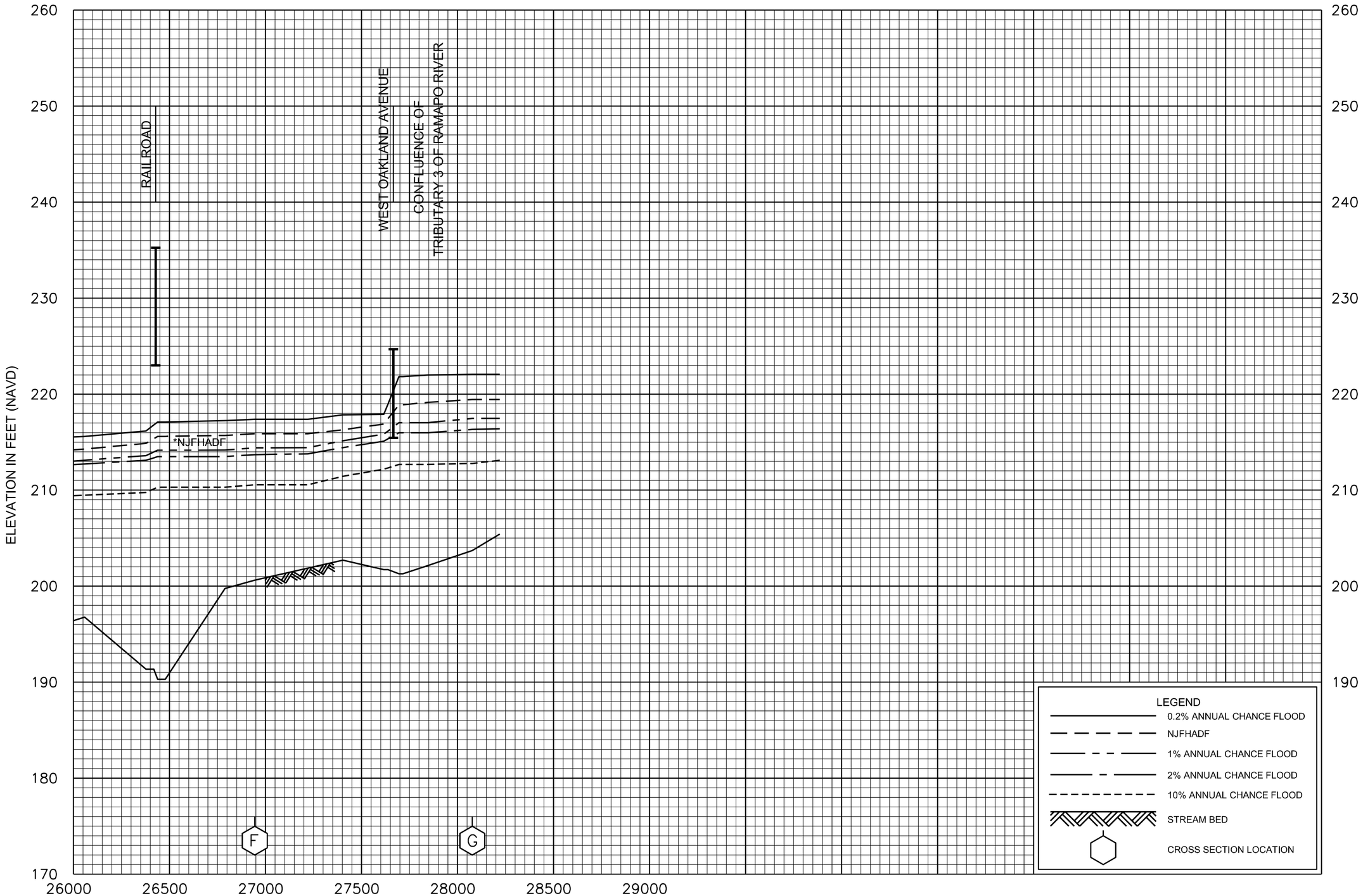
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH POMPTON RIVER

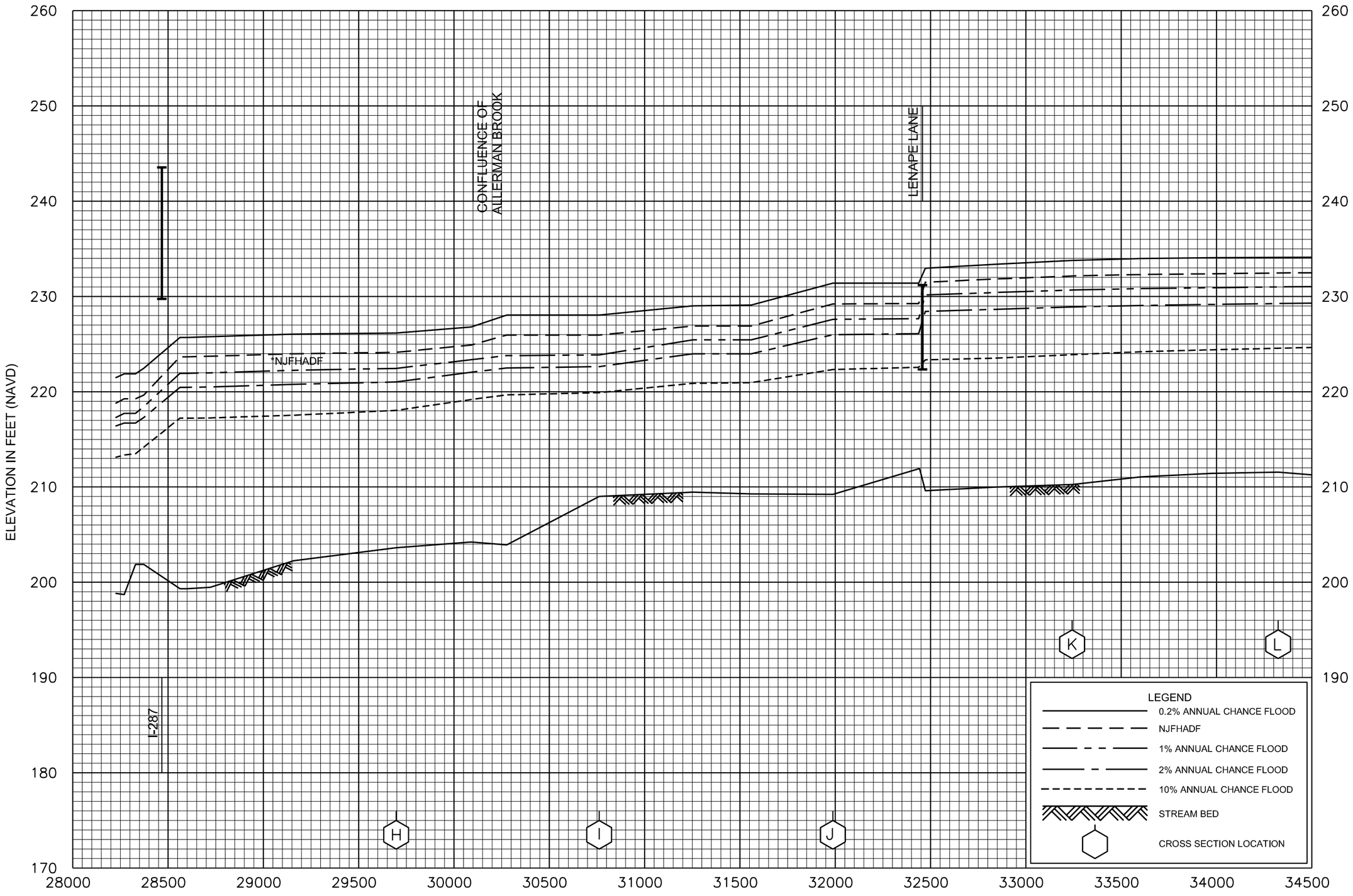
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

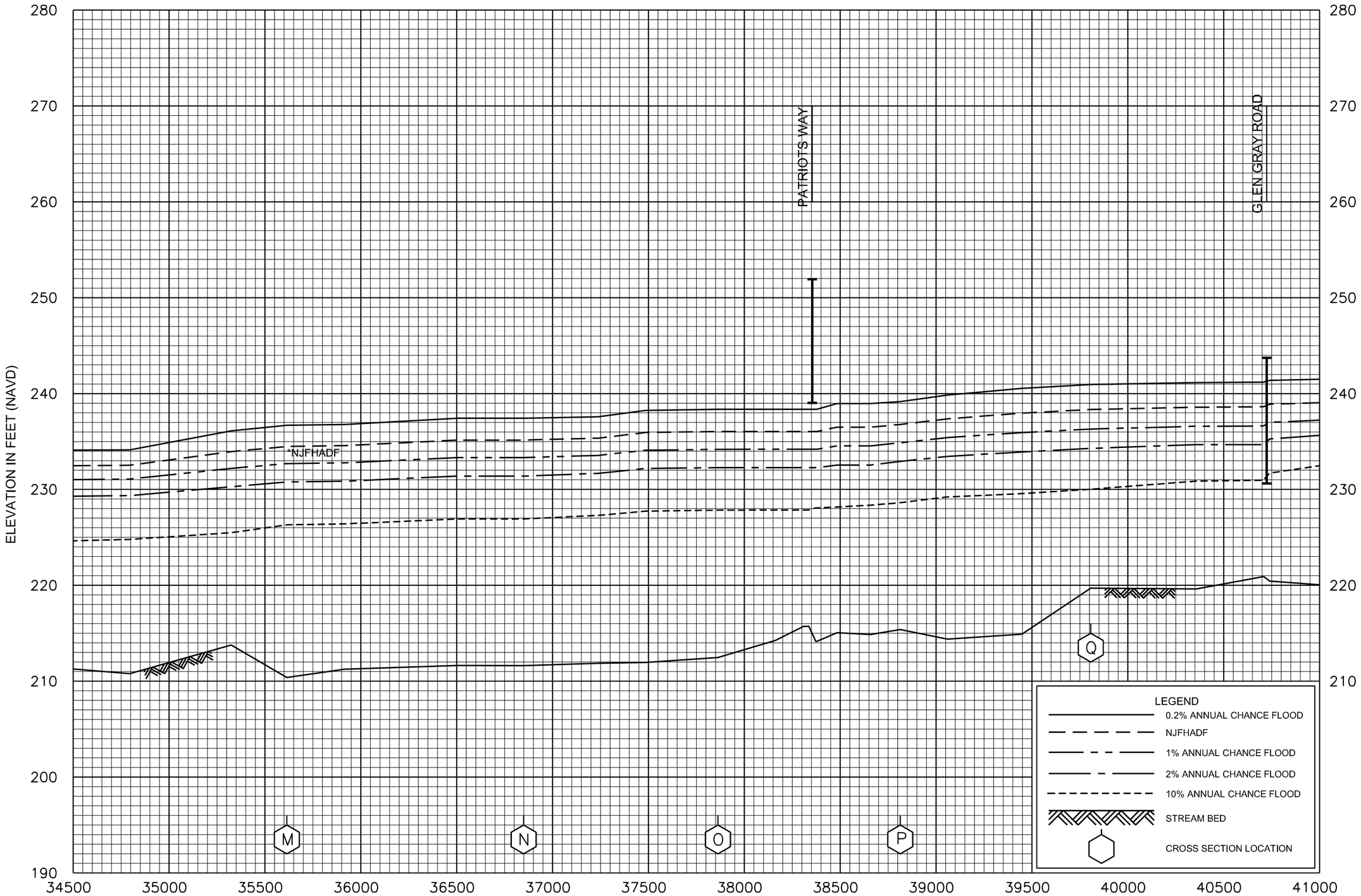
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

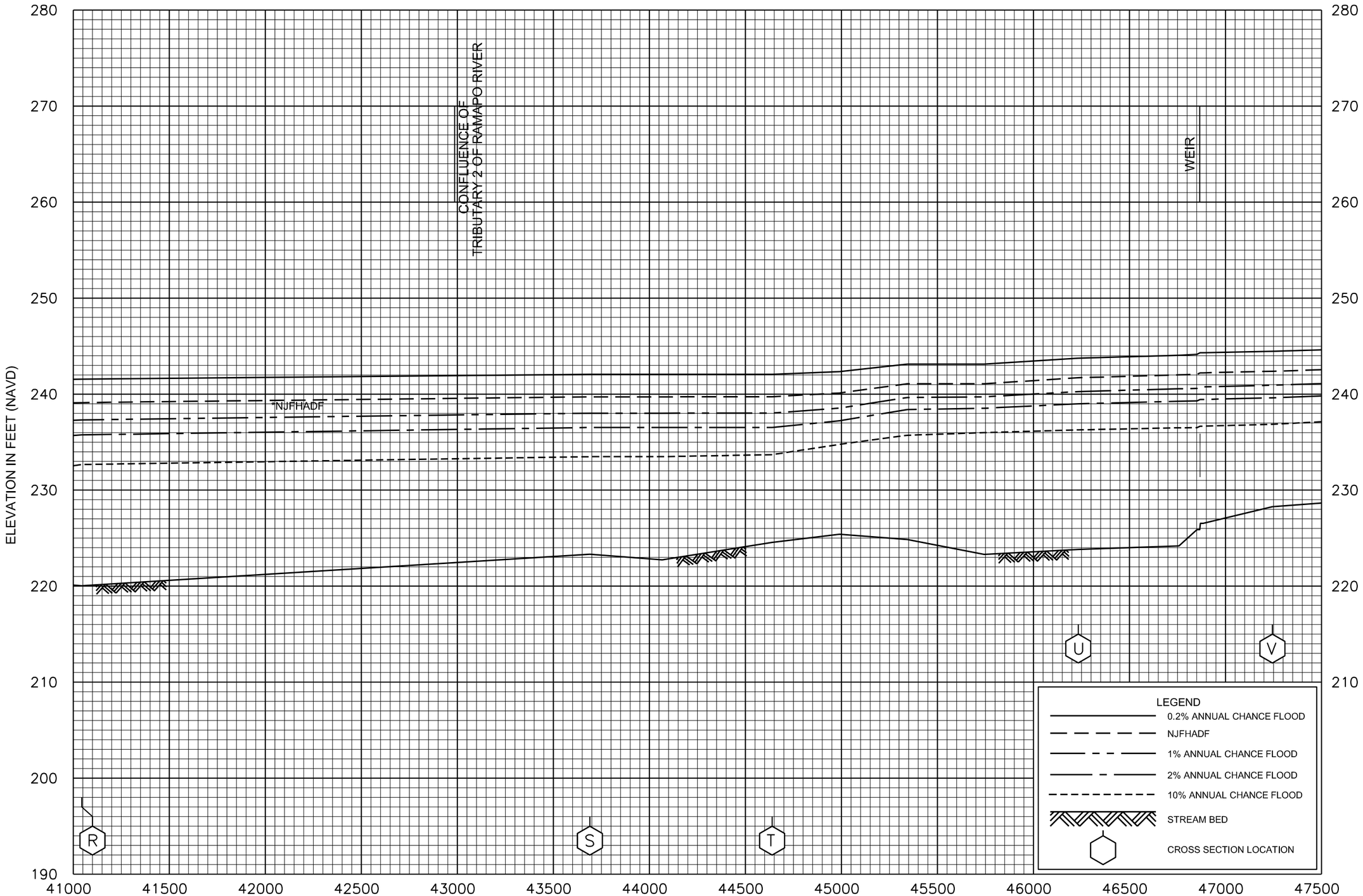
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

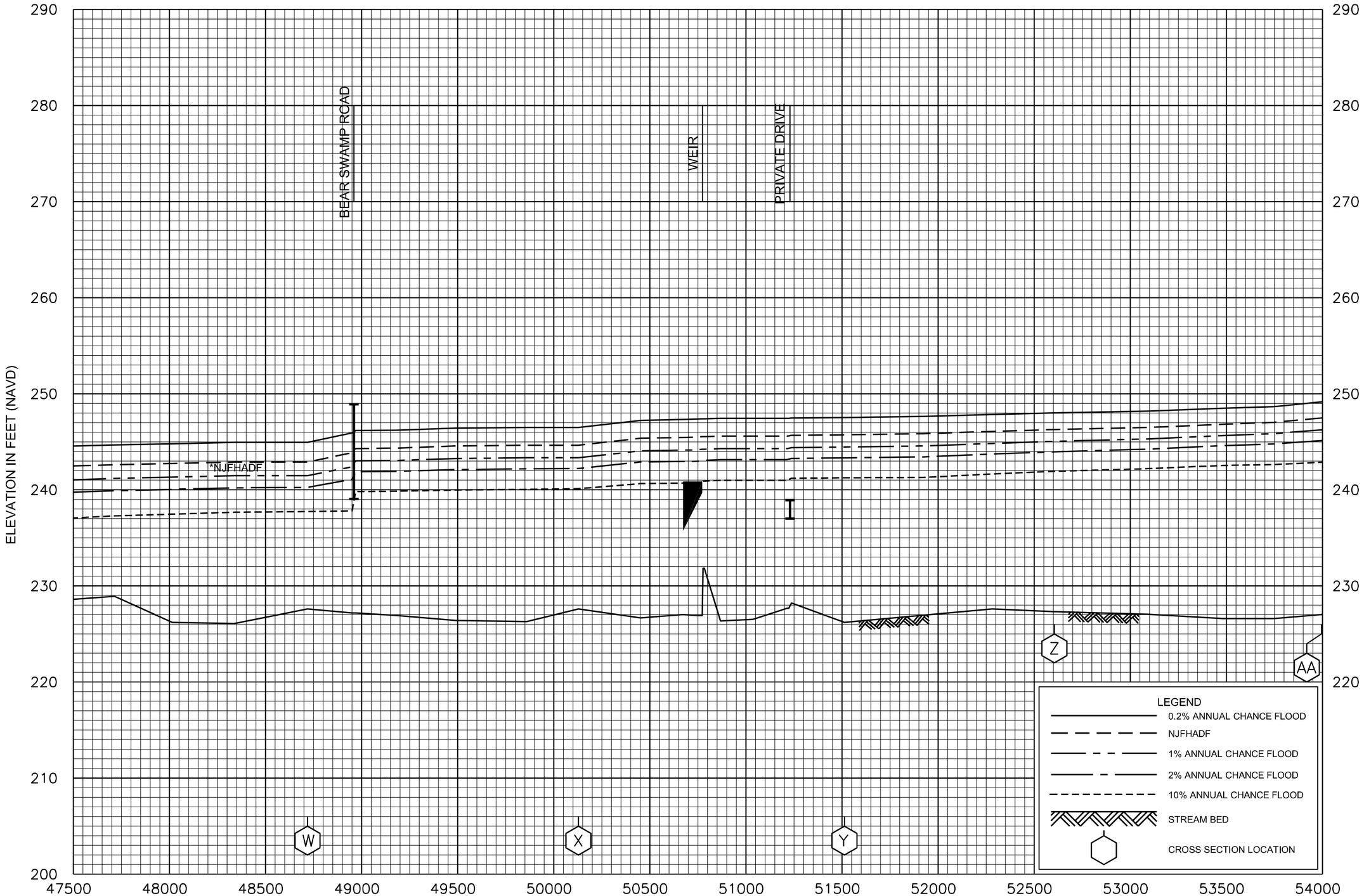
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

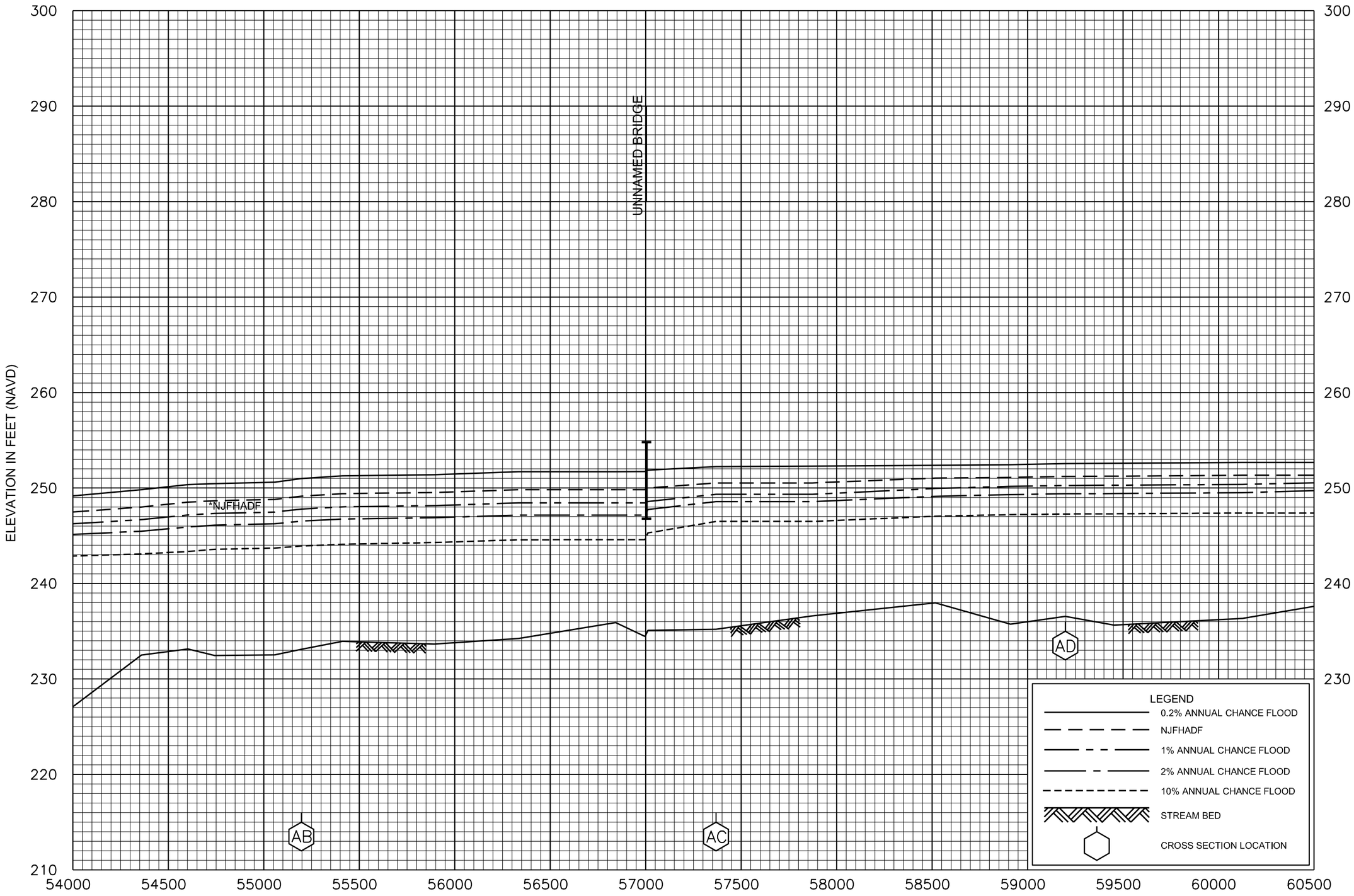
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH POMPTON RIVER

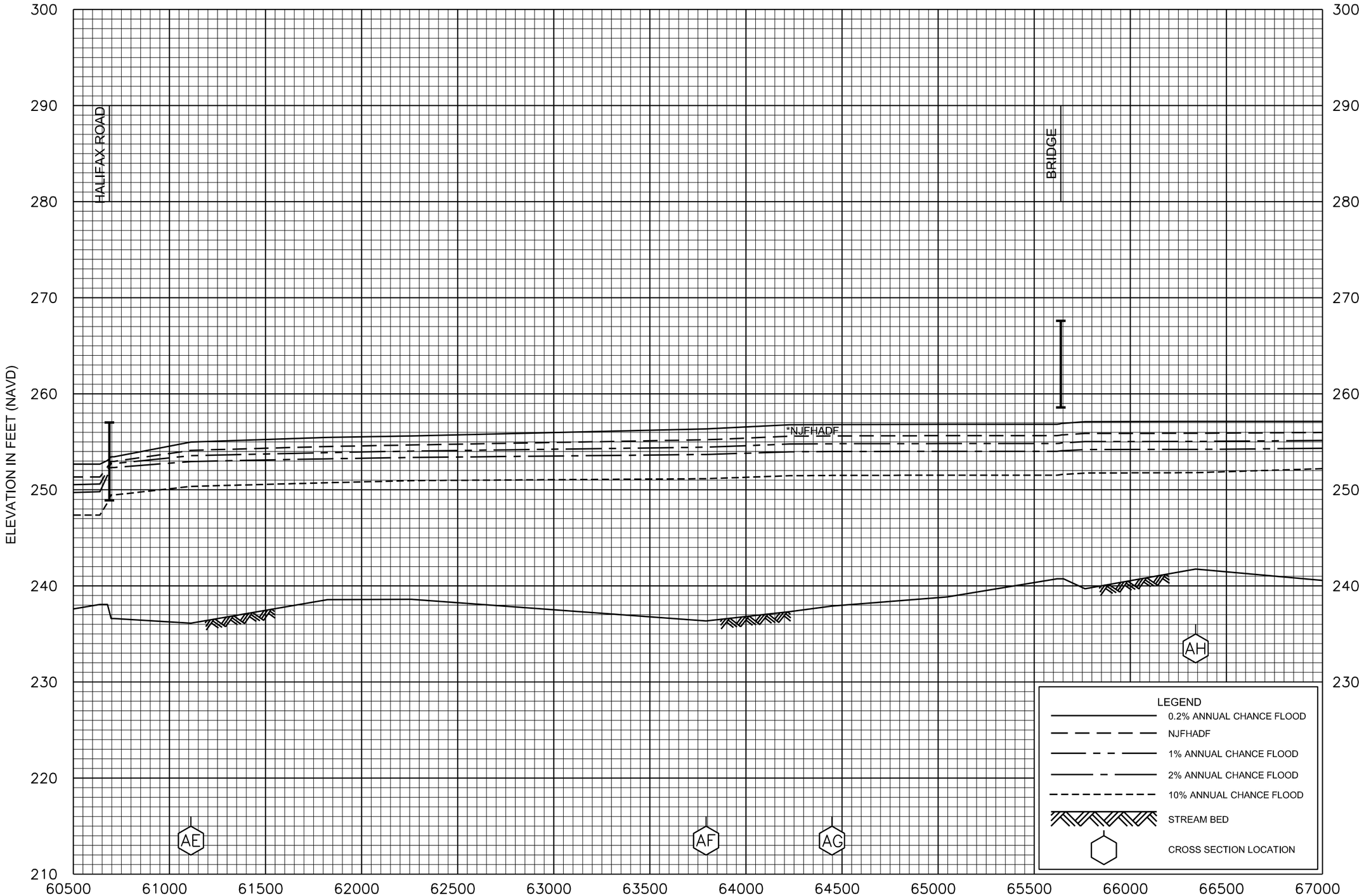
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

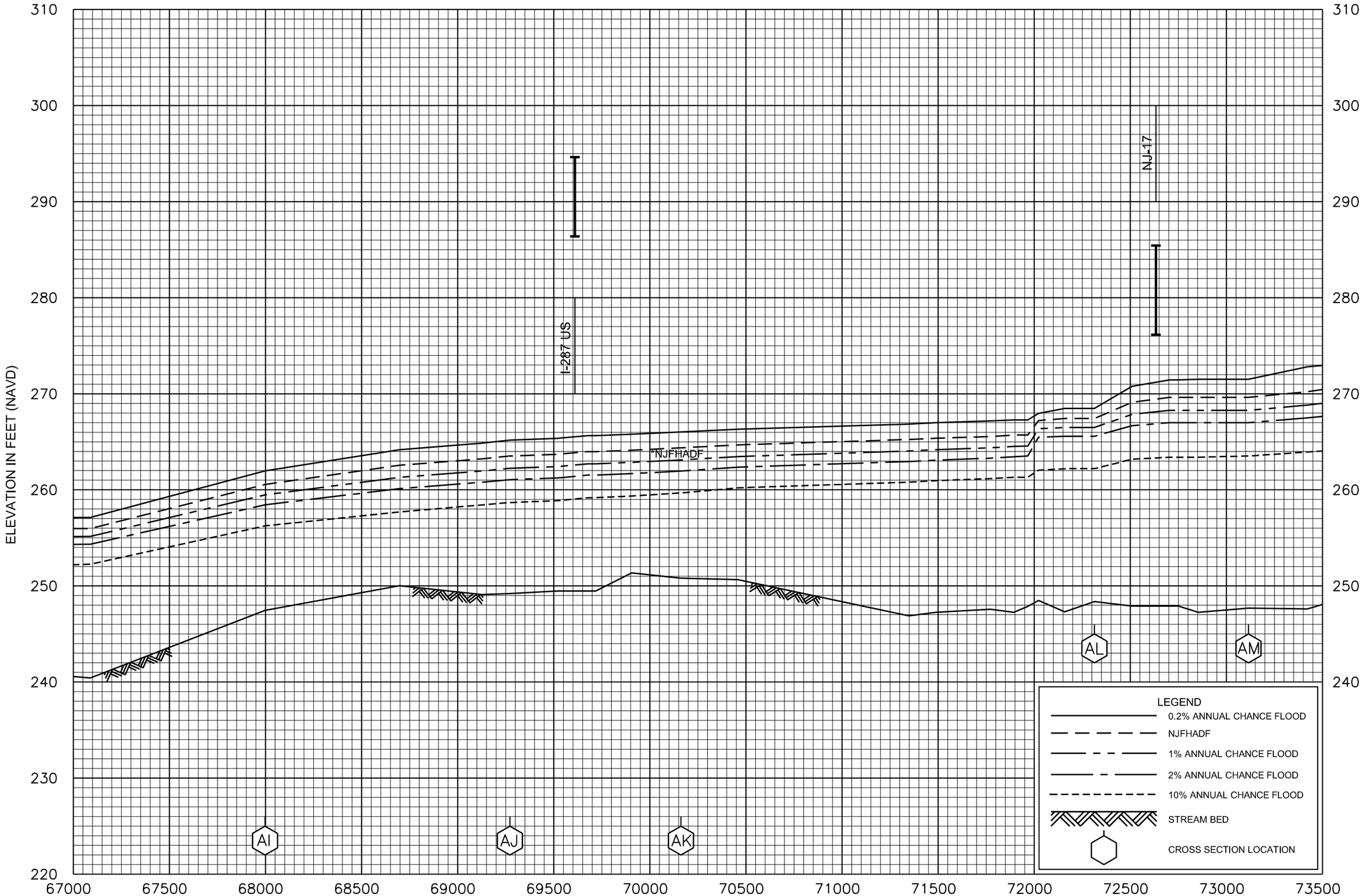
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH POMPTON RIVER

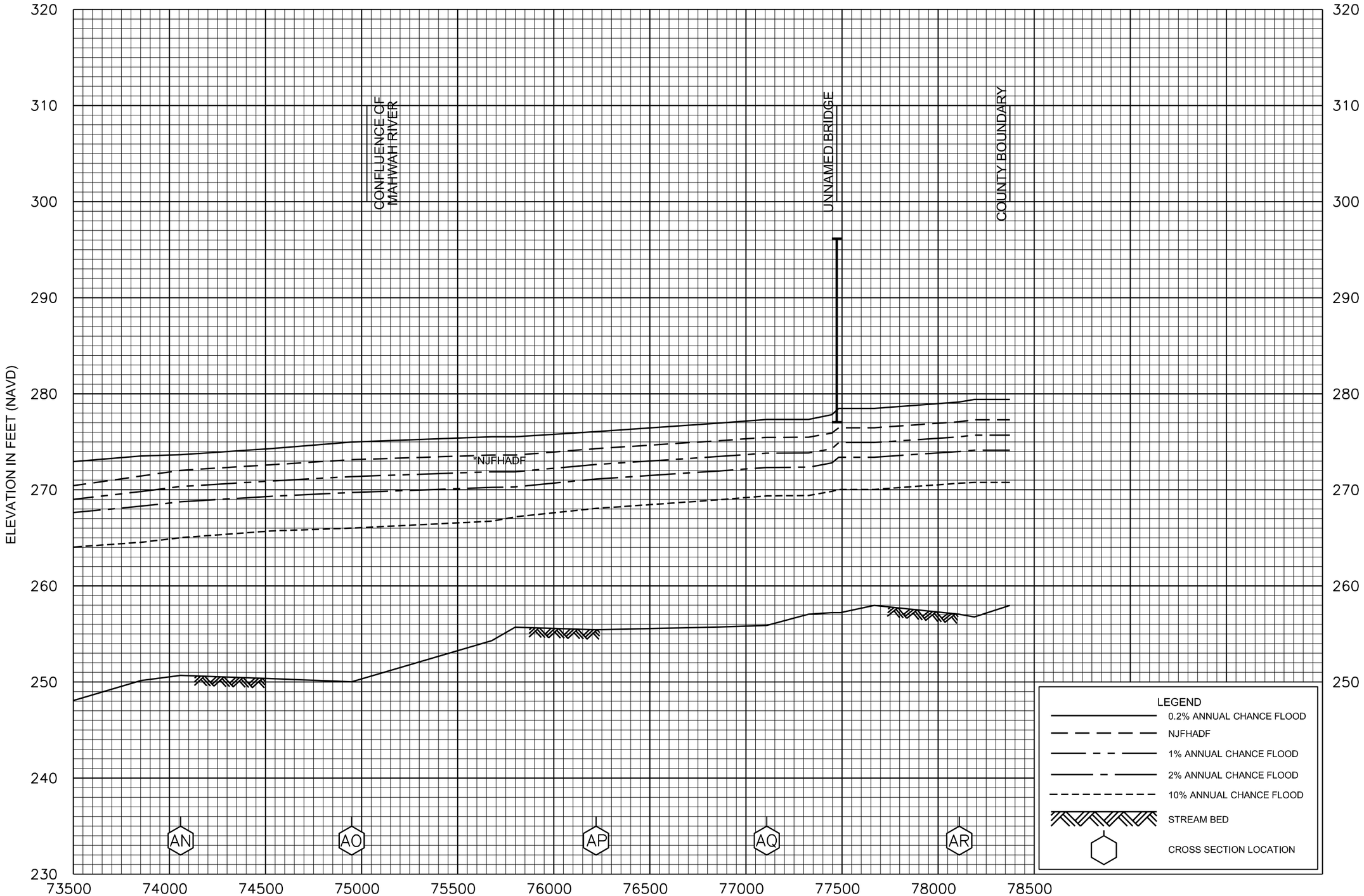
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

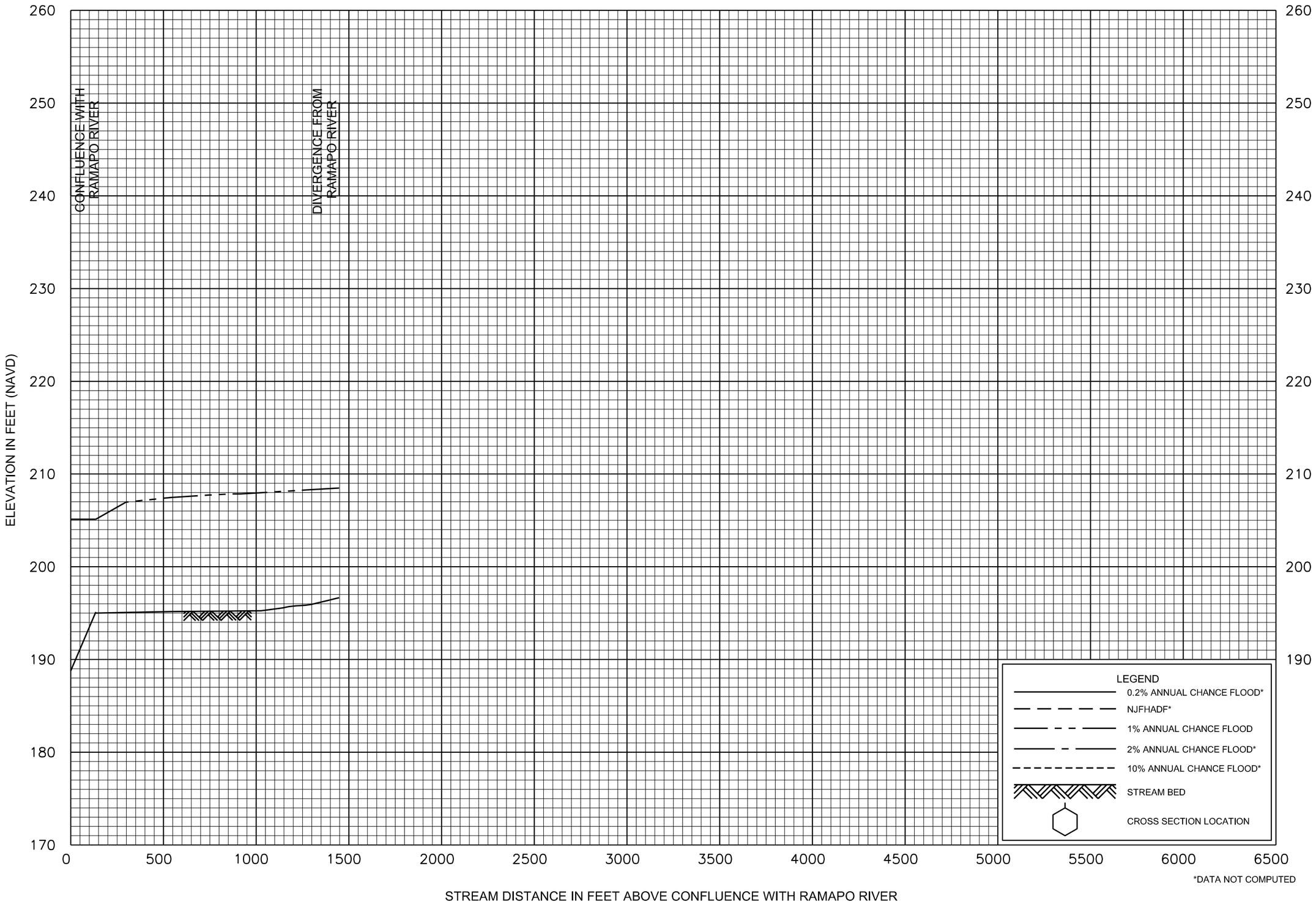
FLOOD PROFILES

RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



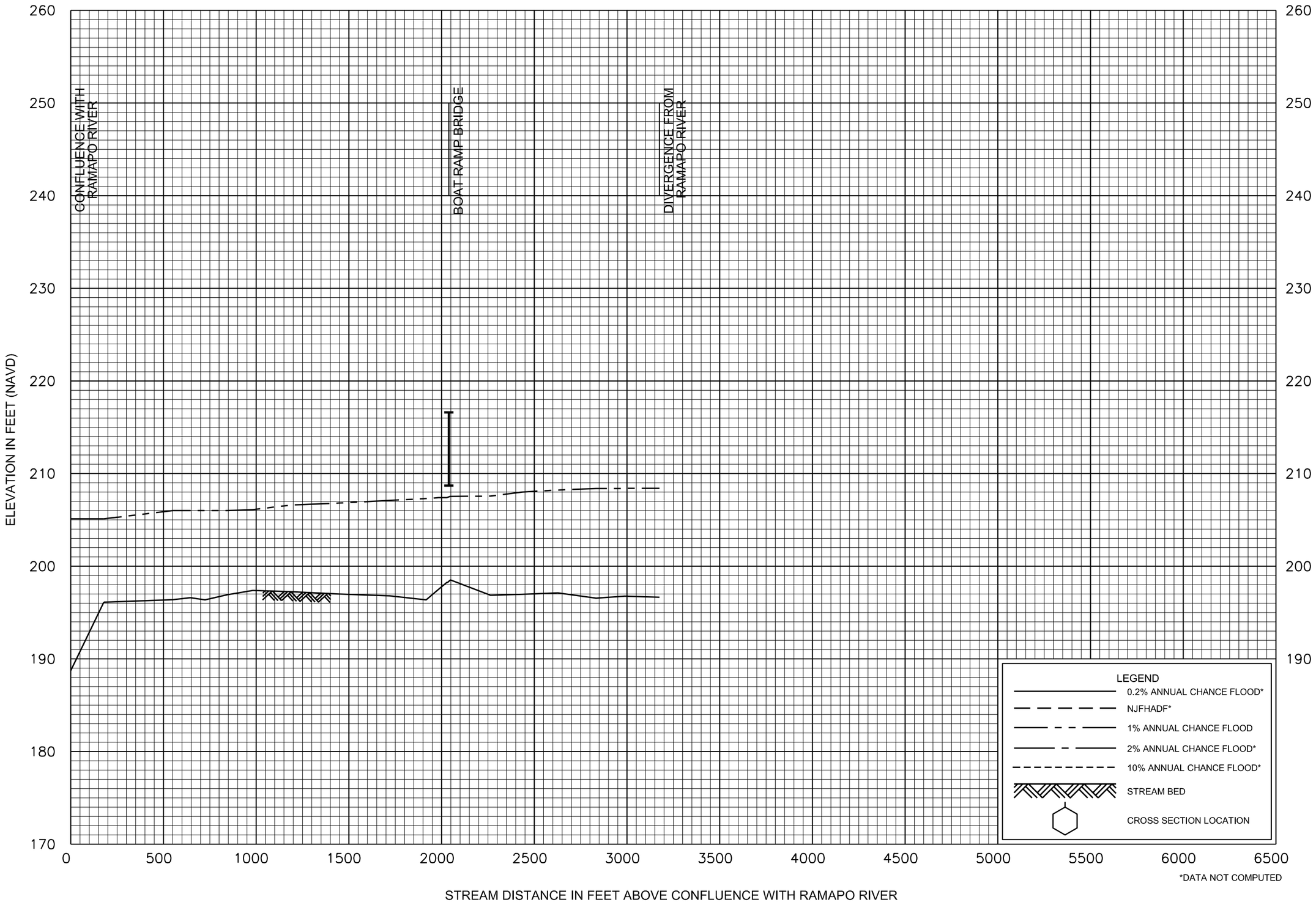

FLOOD PROFILES

RAMAPO RIVER LEFT DIVERSION CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



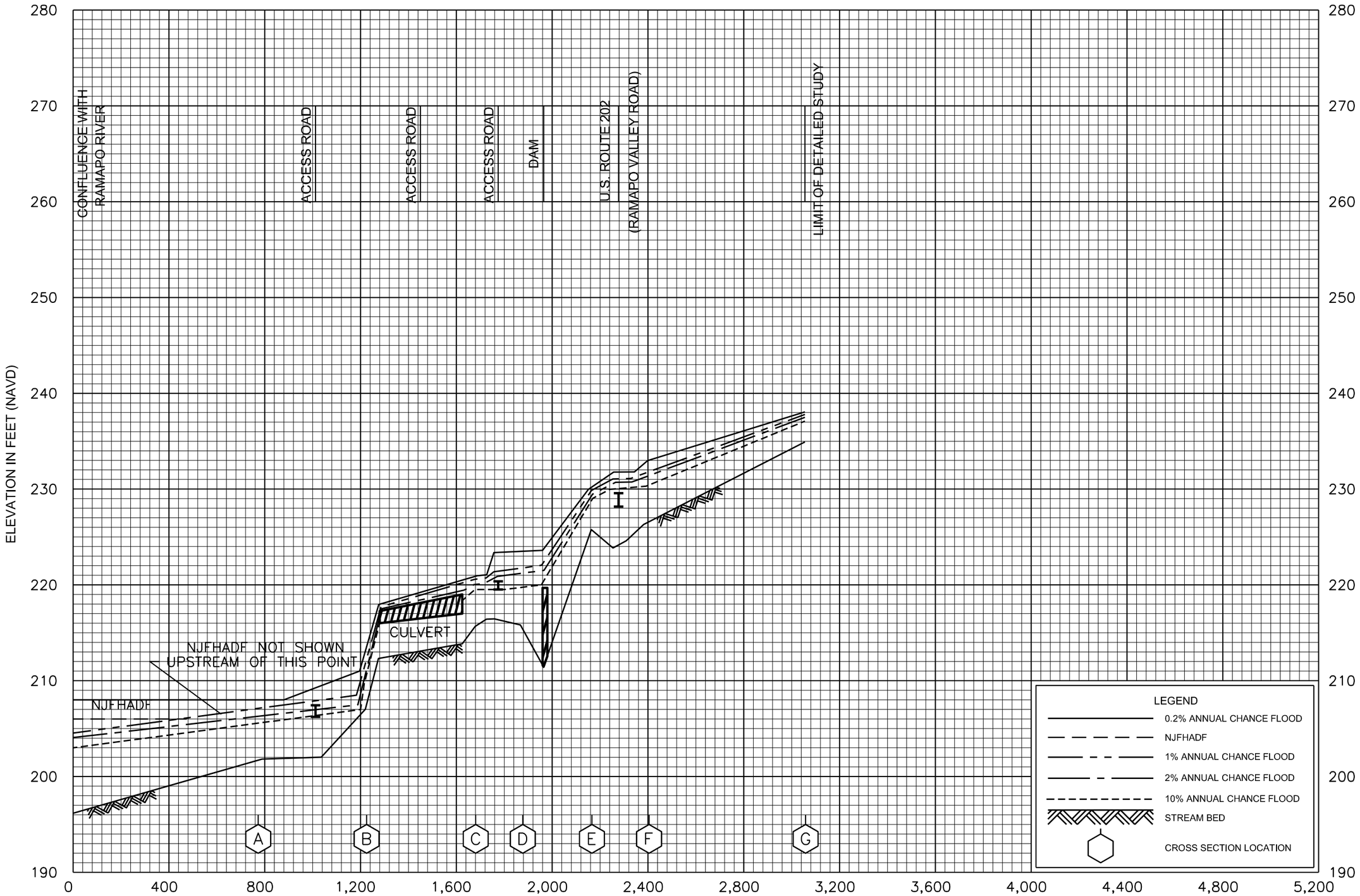

FLOOD PROFILES

RAMAPO RIVER RIGHT DIVERSION CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




* NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH RAMAPO RIVER

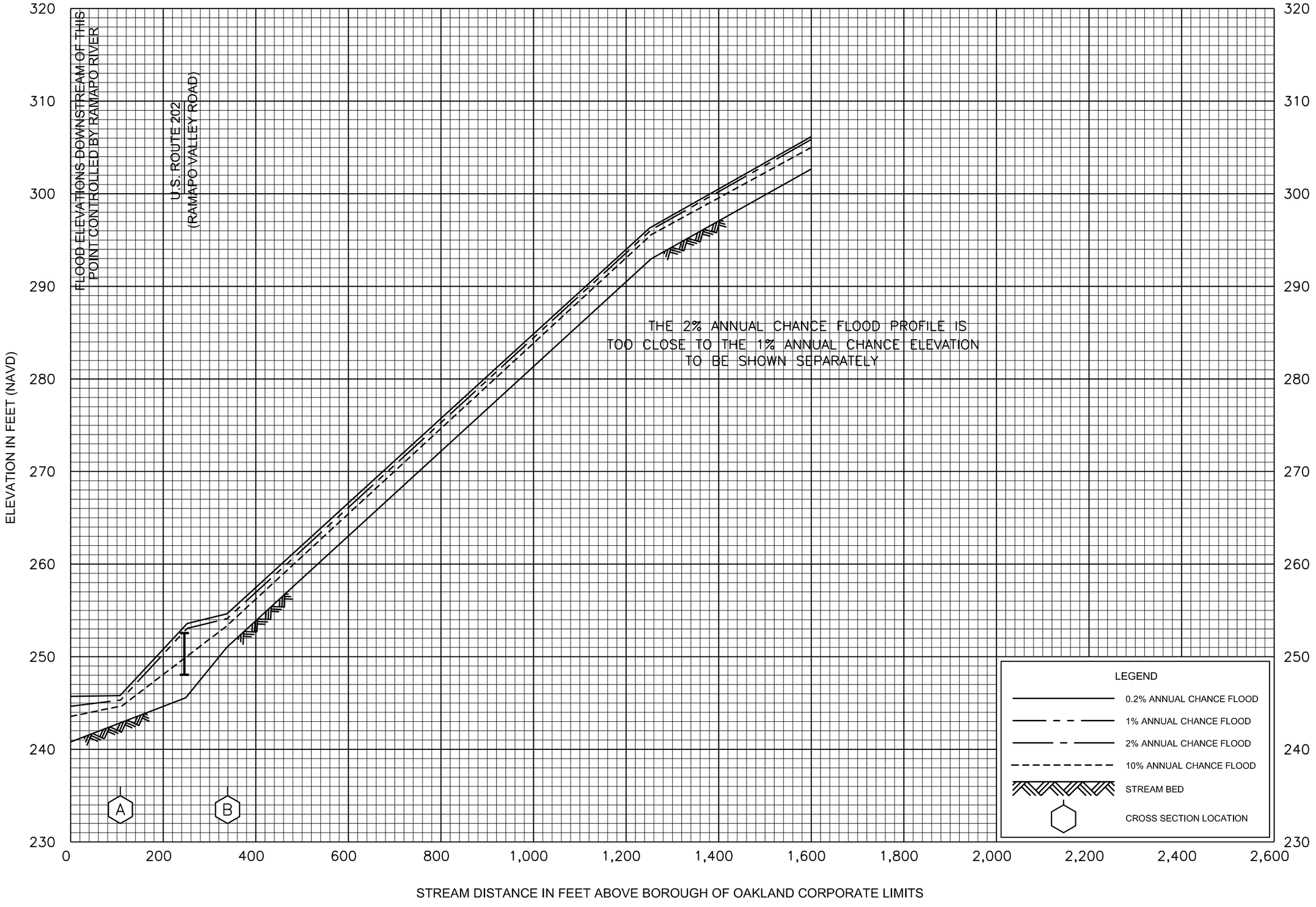
FLOOD PROFILES

TRIBUTARY 1 TO RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



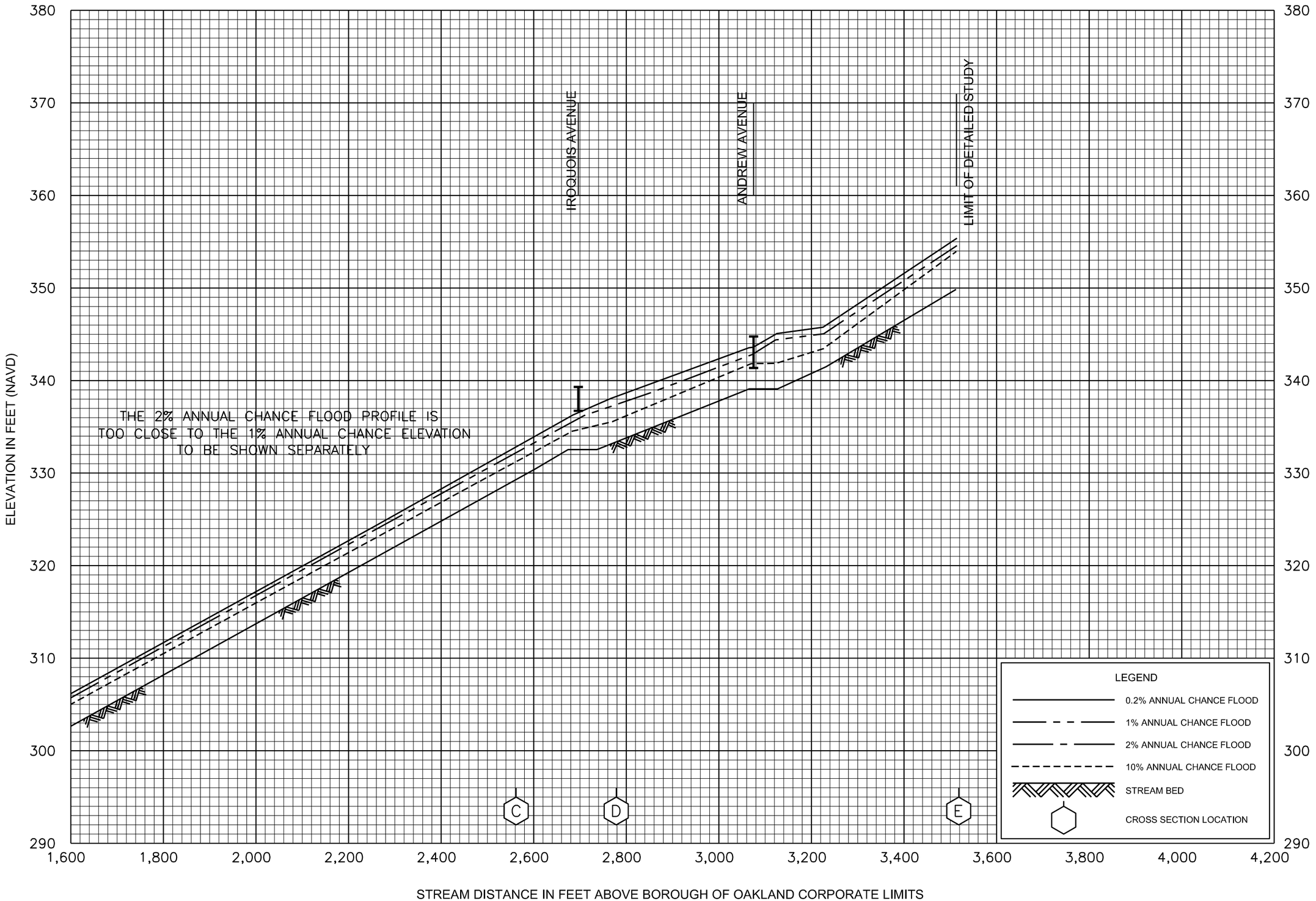

FLOOD PROFILES

TRIBUTARY 2 TO RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)



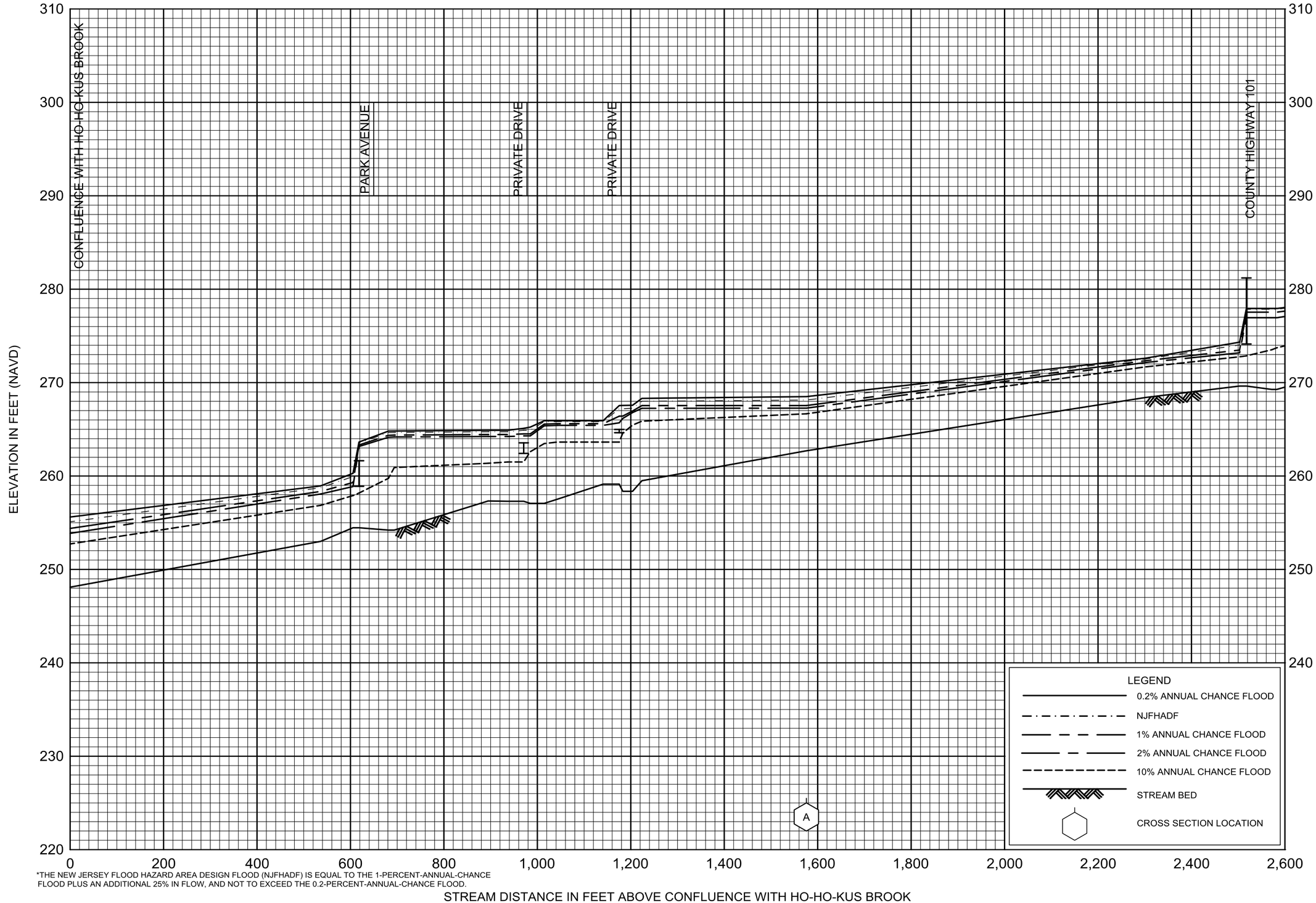

FLOOD PROFILES

TRIBUTARY 2 TO RAMAPO RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

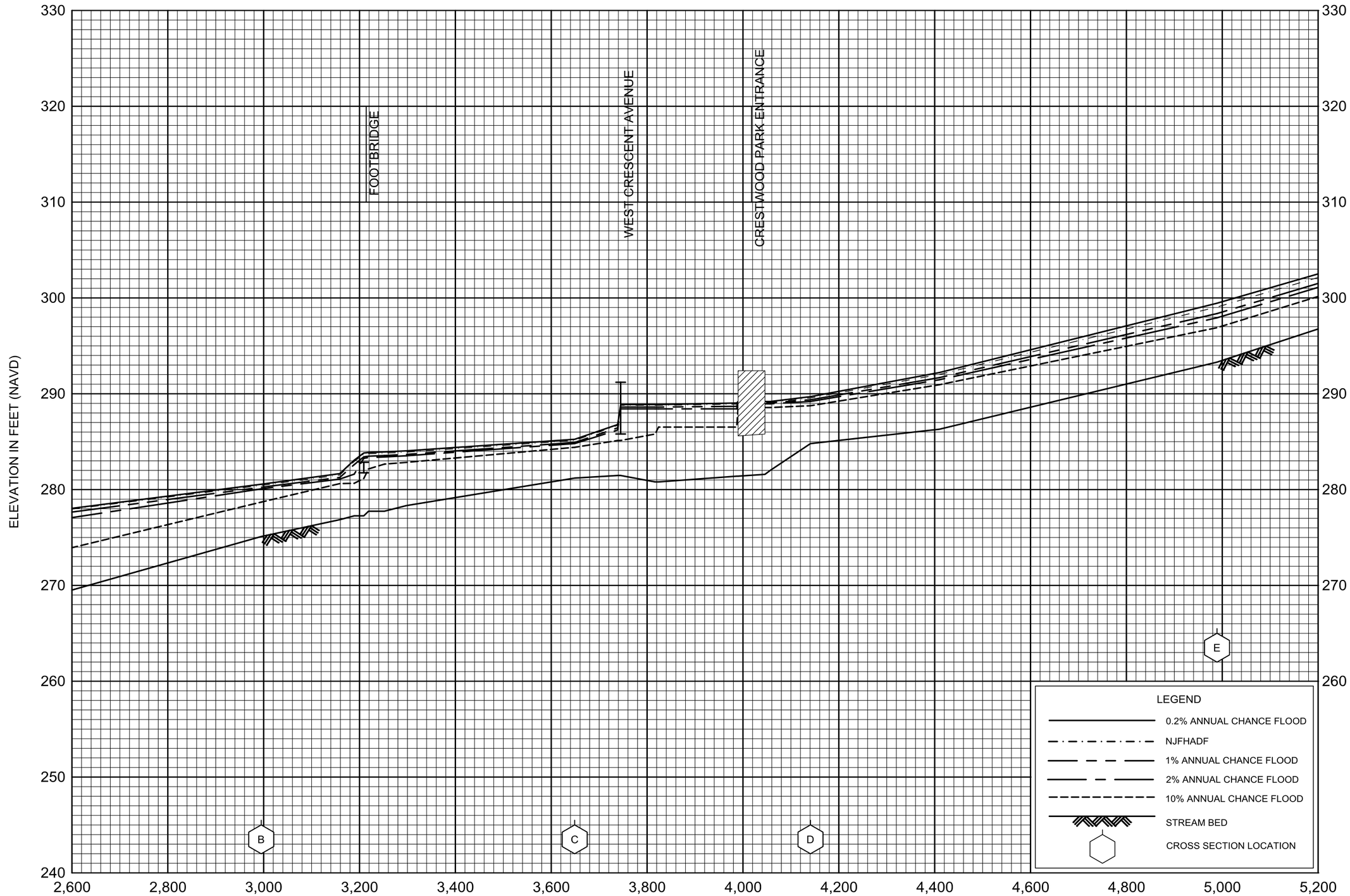
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

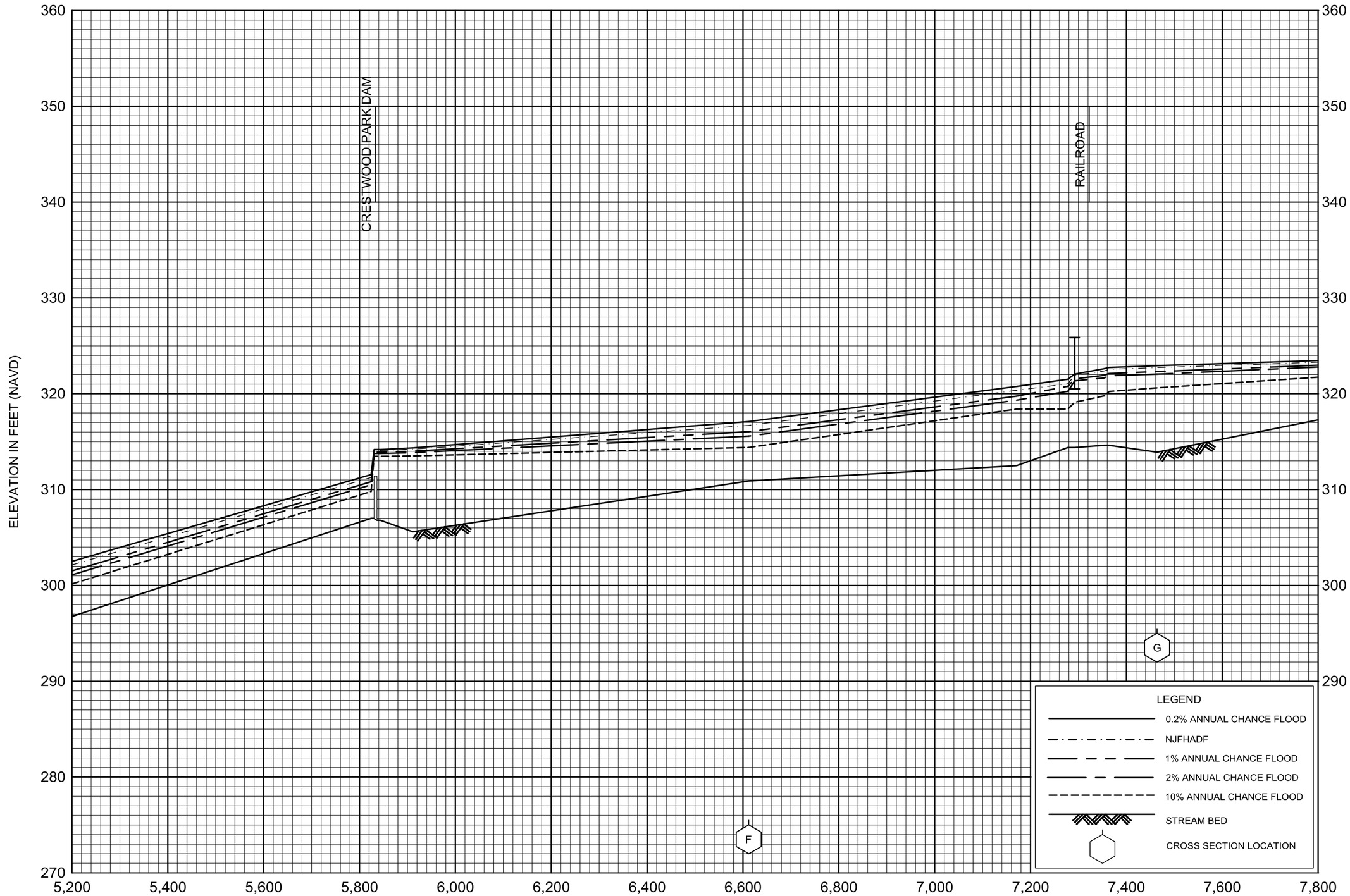
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

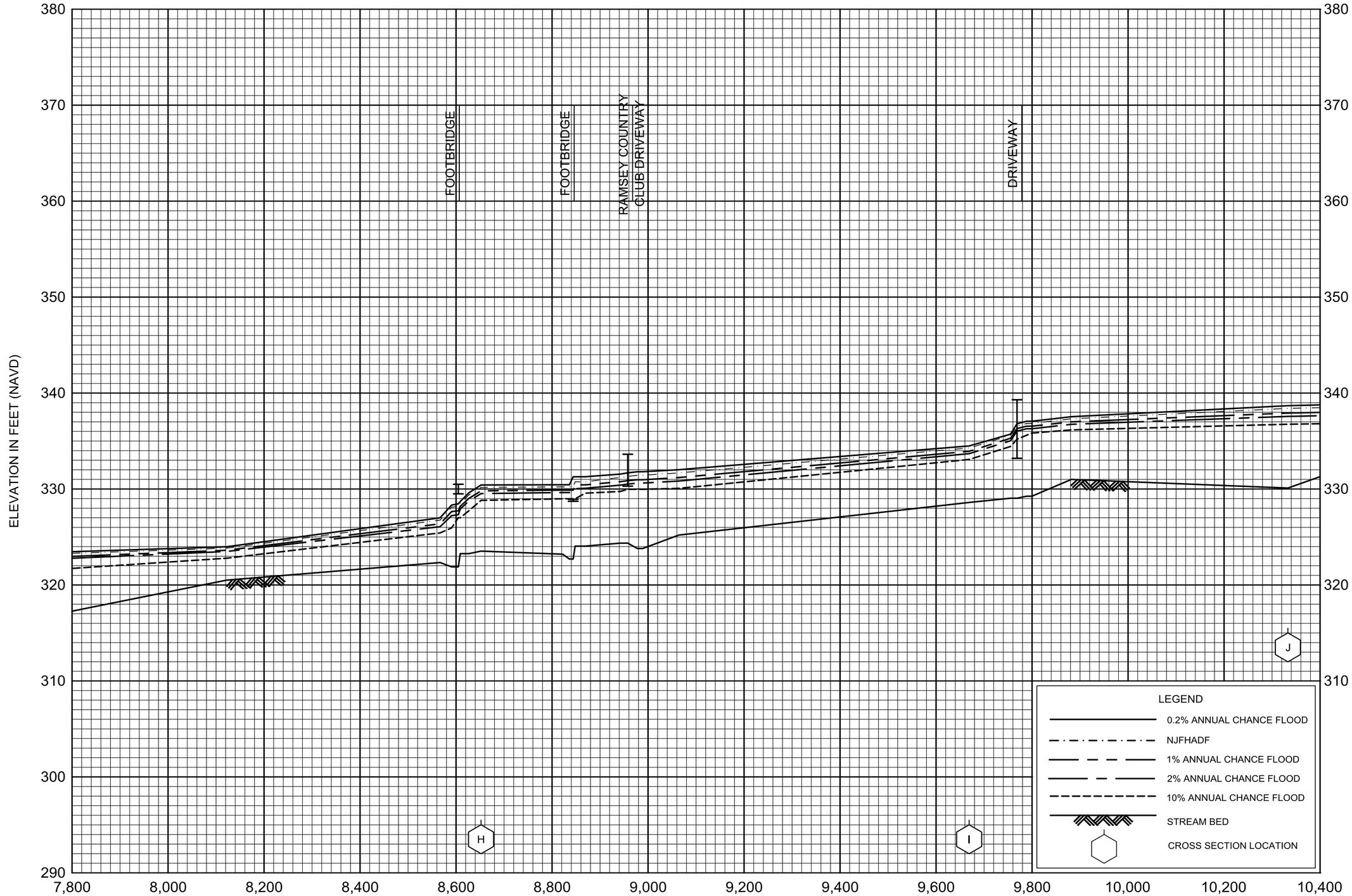
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH HO-HO-KUS BROOK

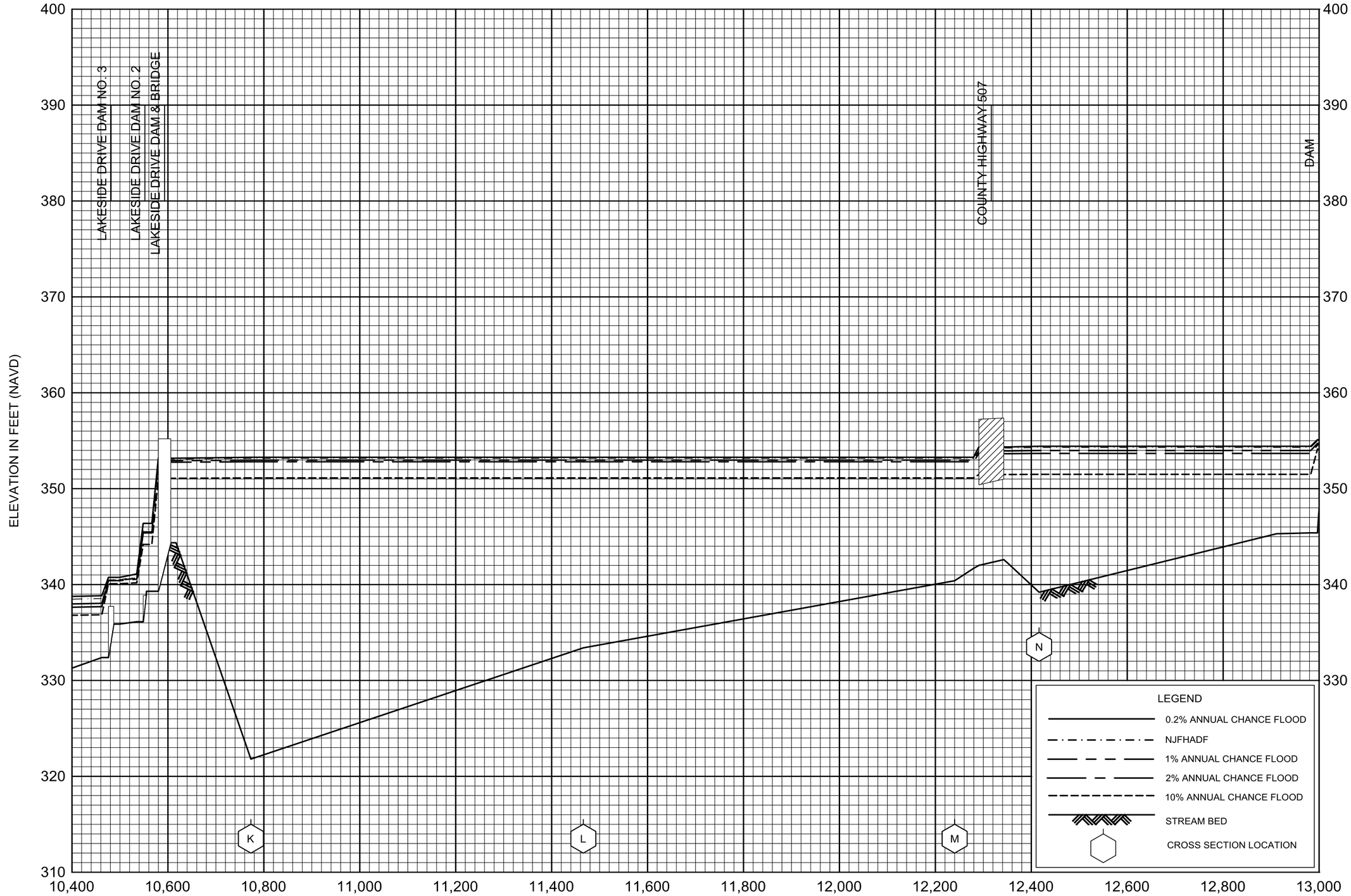
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

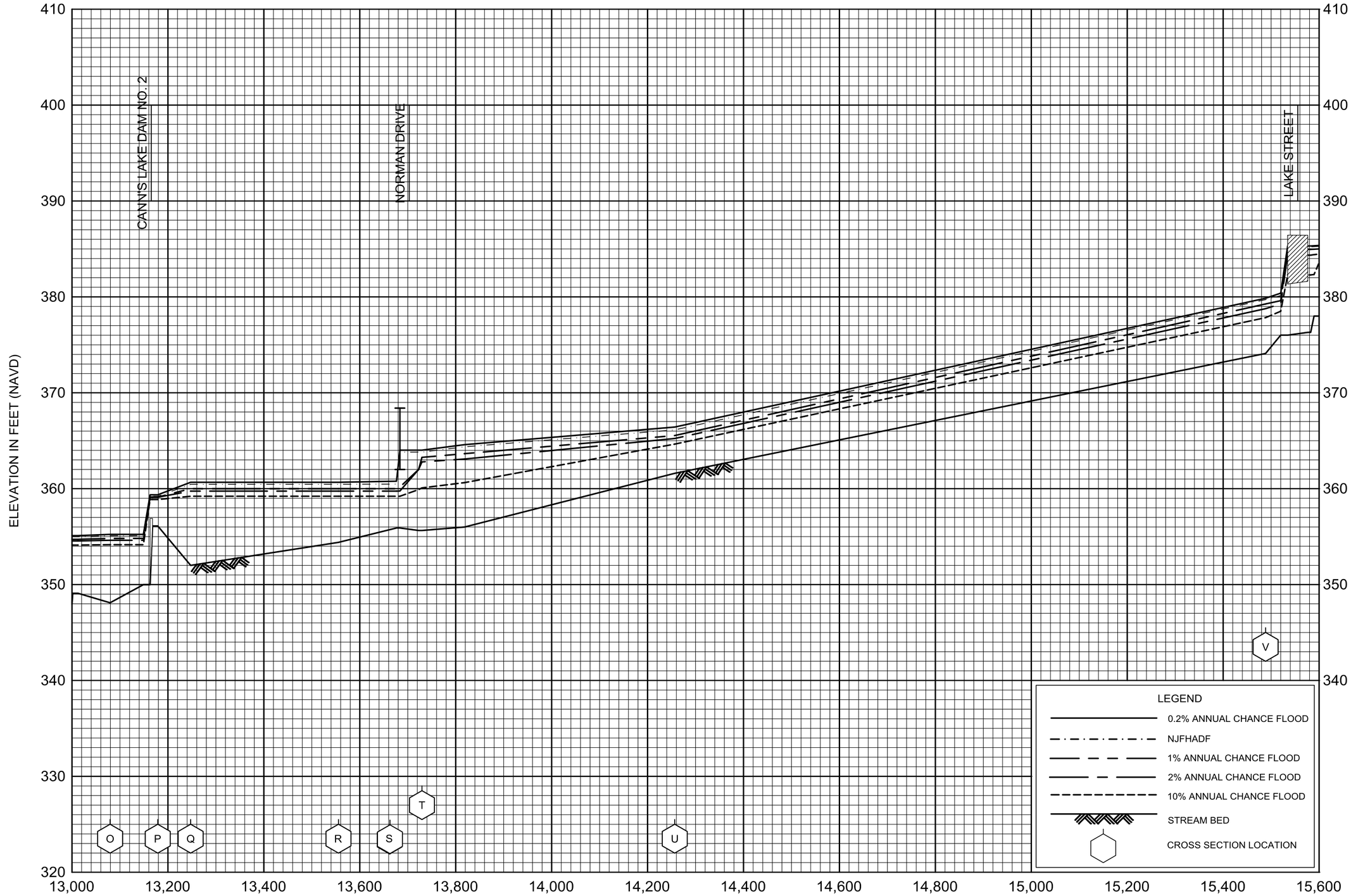
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

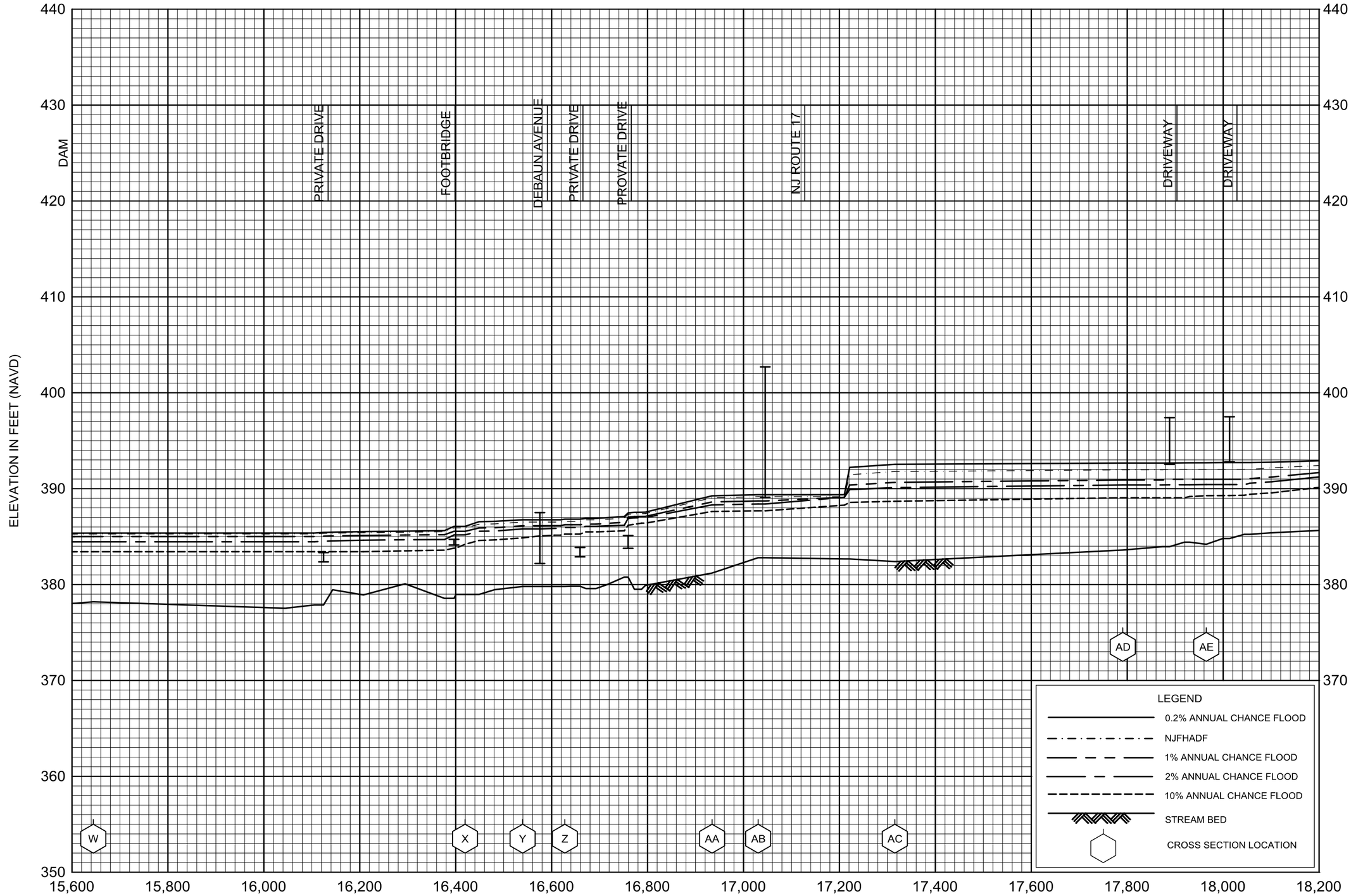
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

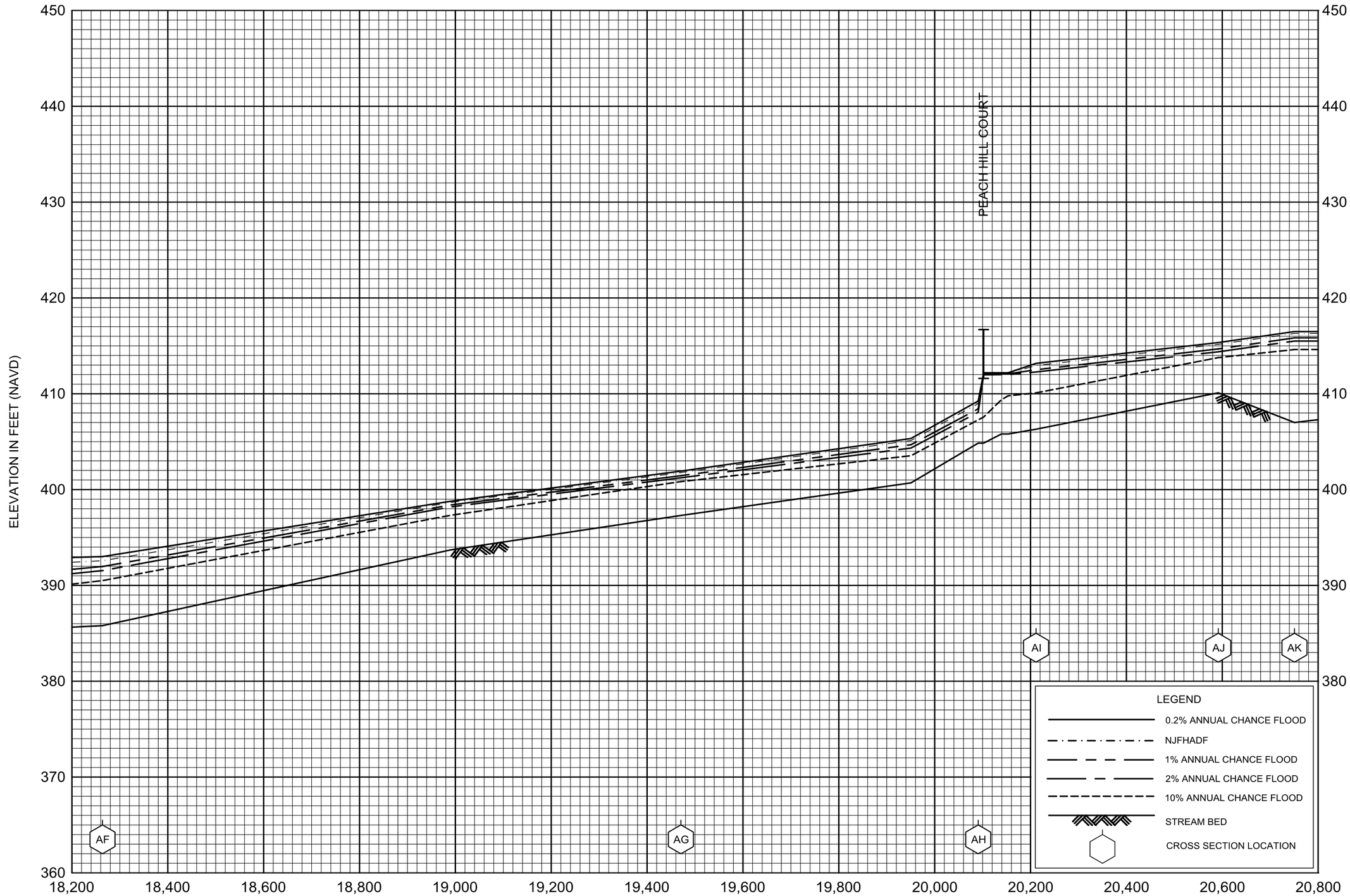
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

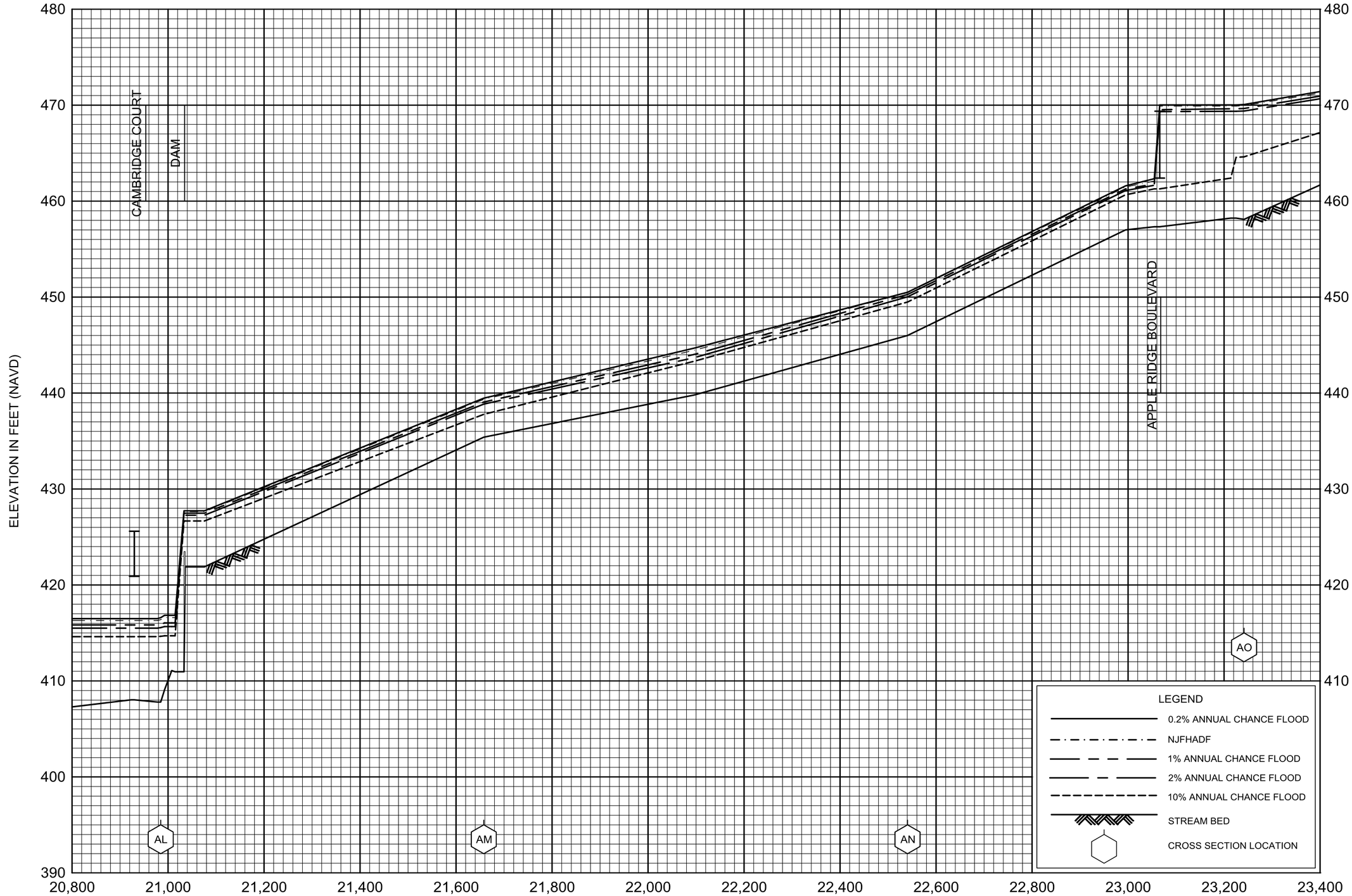
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

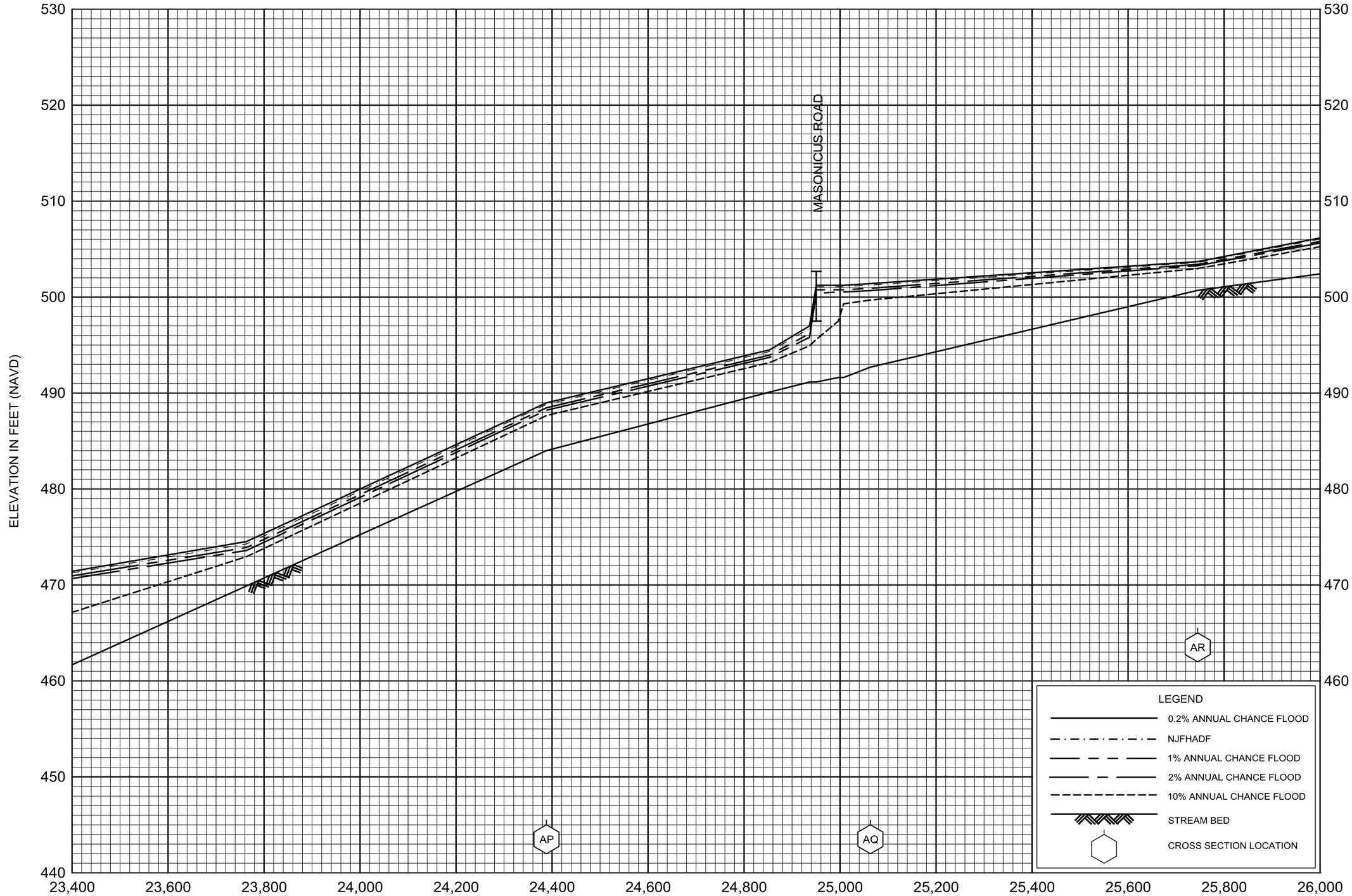
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

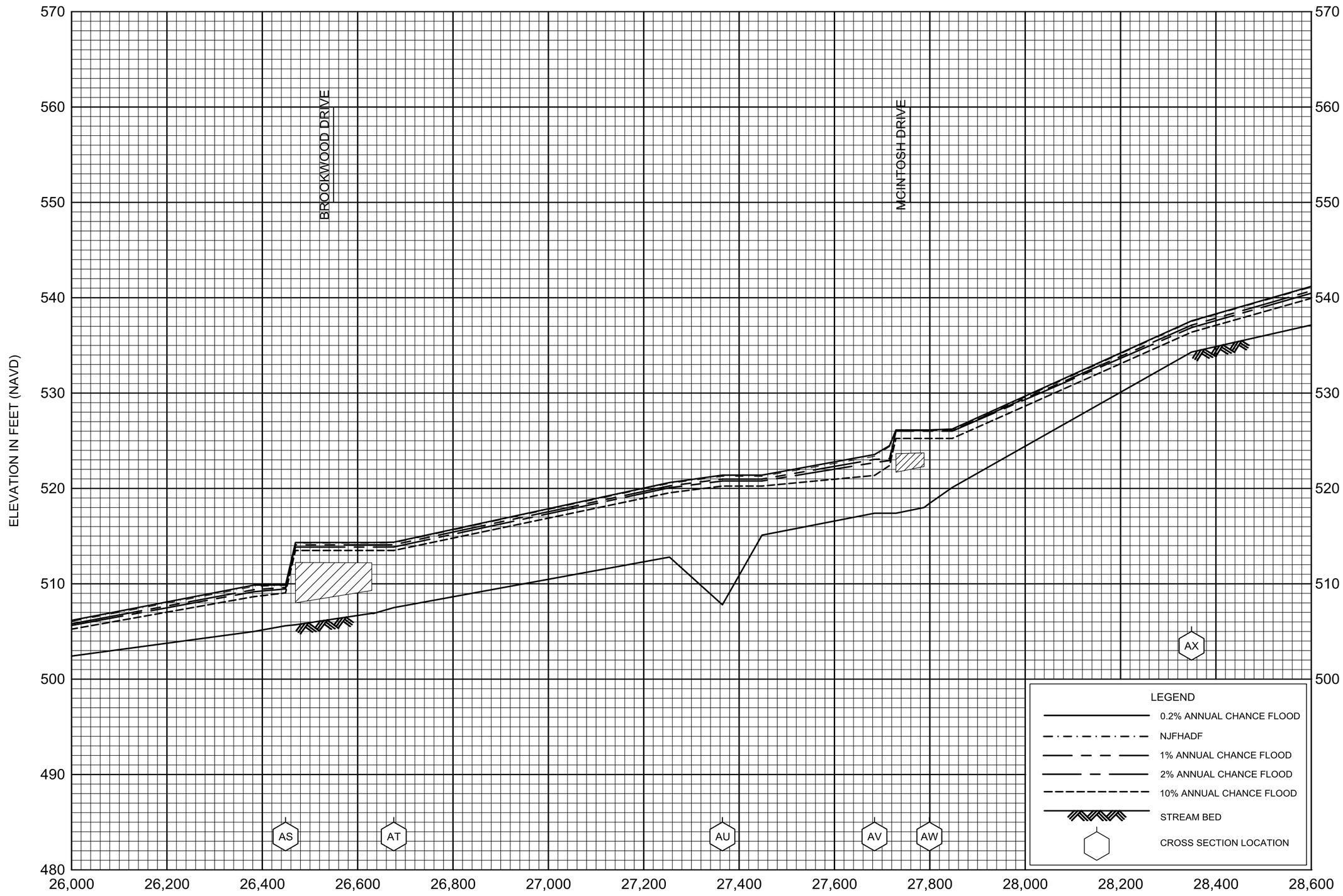
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

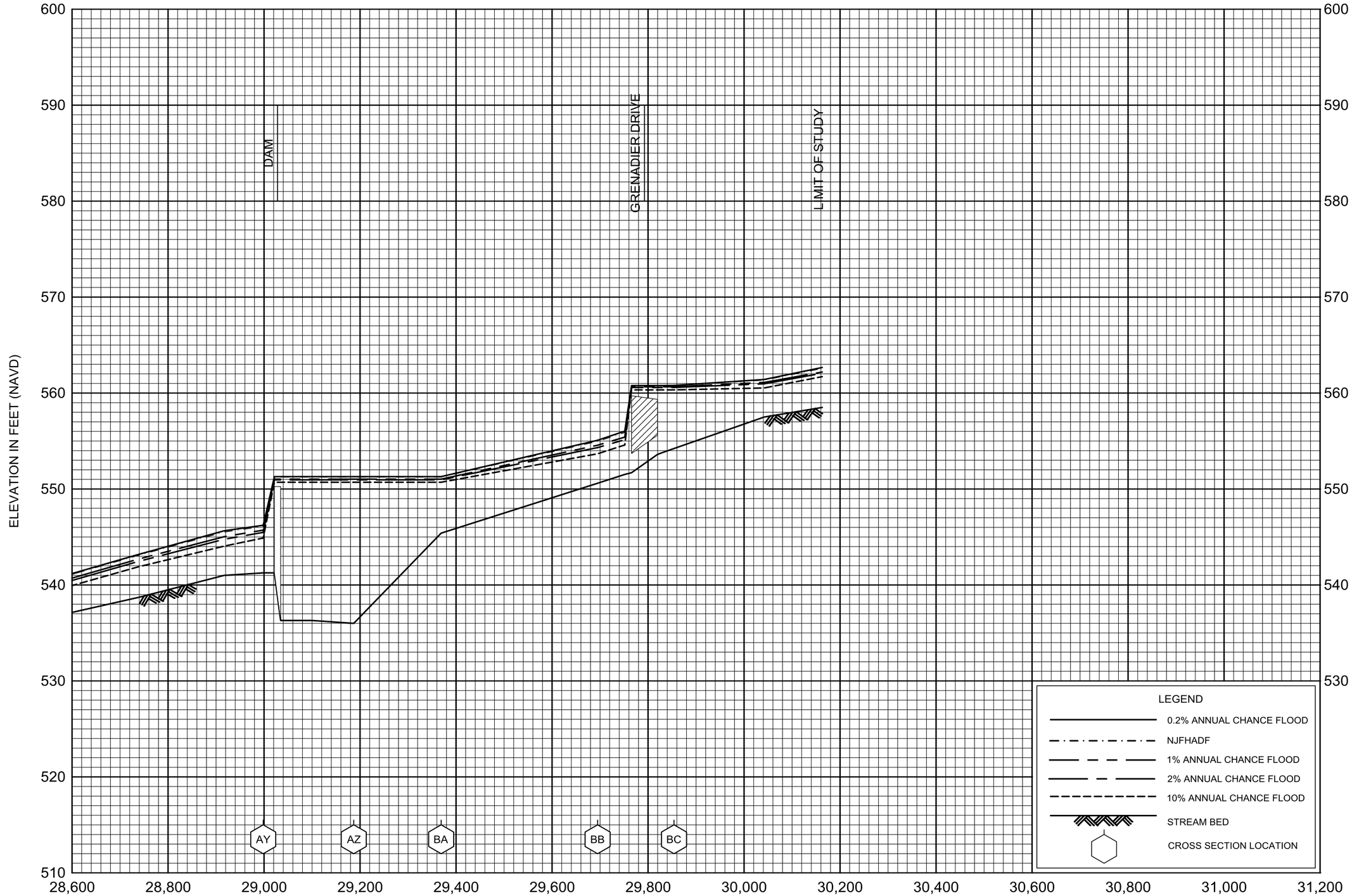
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




*THE NEW JERSEY FLOOD HAZARD AREA DESIGN FLOOD (NJFHADF) IS EQUAL TO THE 1-PERCENT-ANNUAL-CHANCE FLOOD PLUS AN ADDITIONAL 25% IN FLOW, AND NOT TO EXCEED THE 0.2-PERCENT-ANNUAL-CHANCE FLOOD.

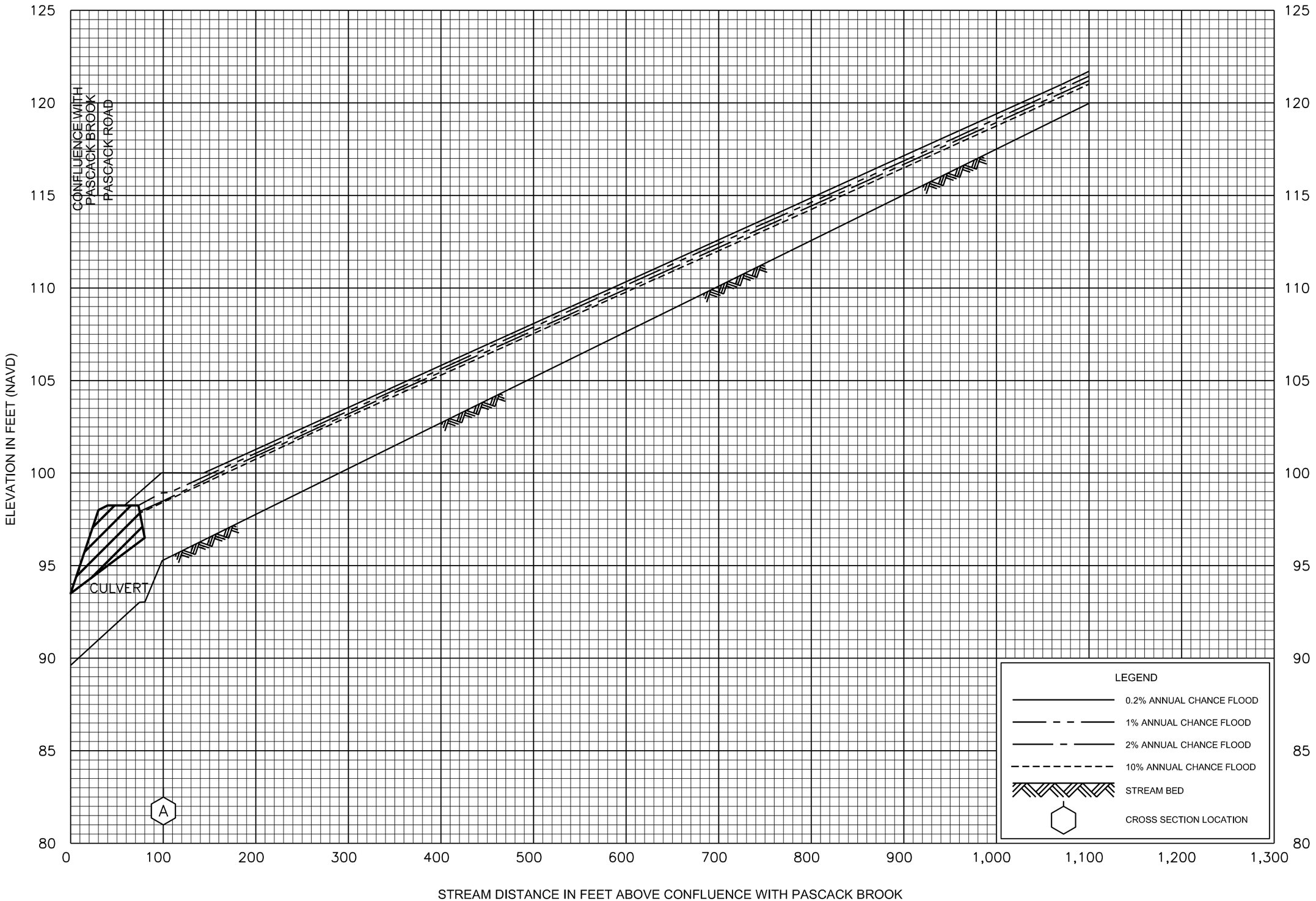
FLOOD PROFILES

RAMSEY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

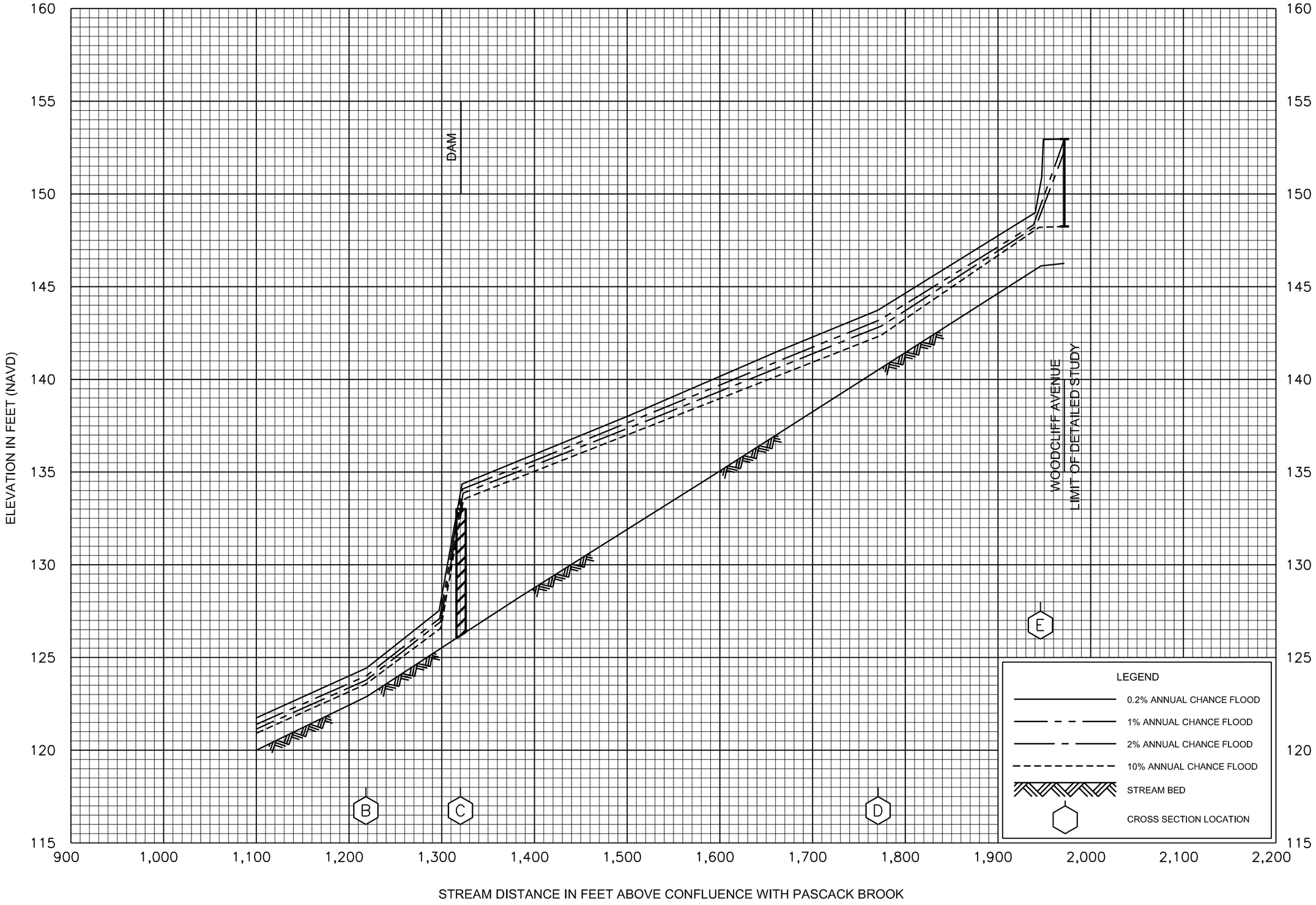
RESERVOIR BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

262P




FLOOD PROFILES

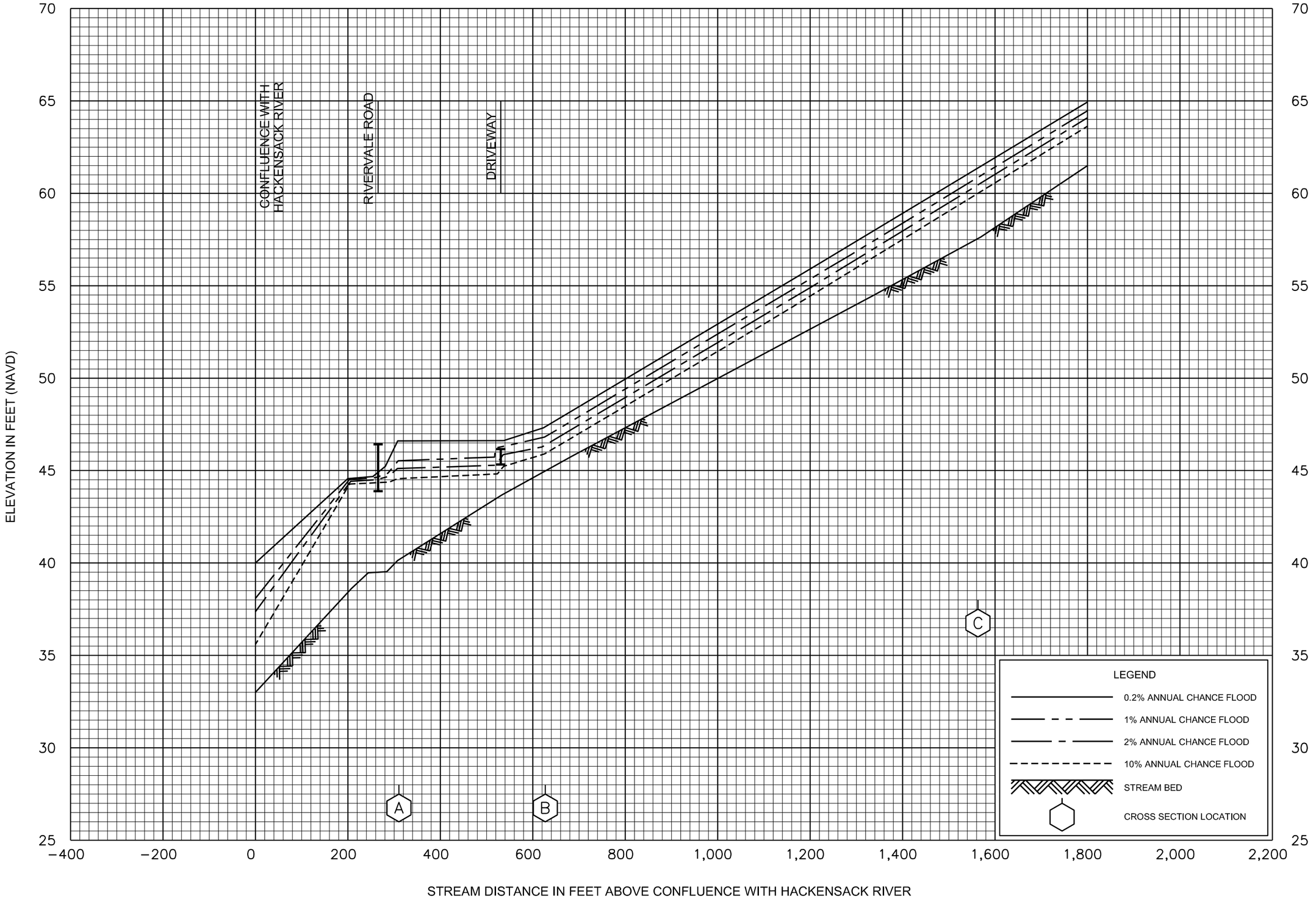
RESERVOIR BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

263P



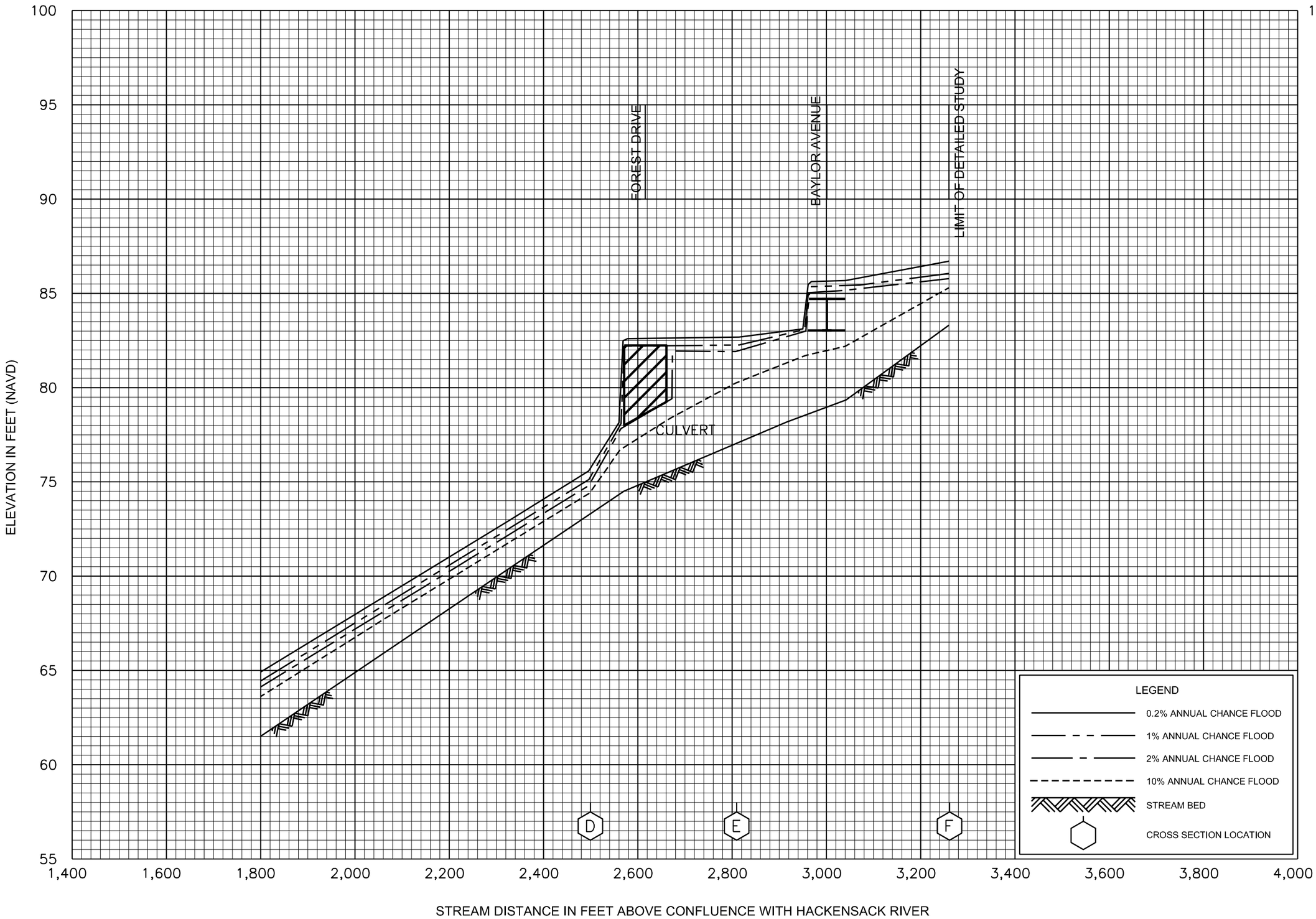

FLOOD PROFILES

RIVERVALE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

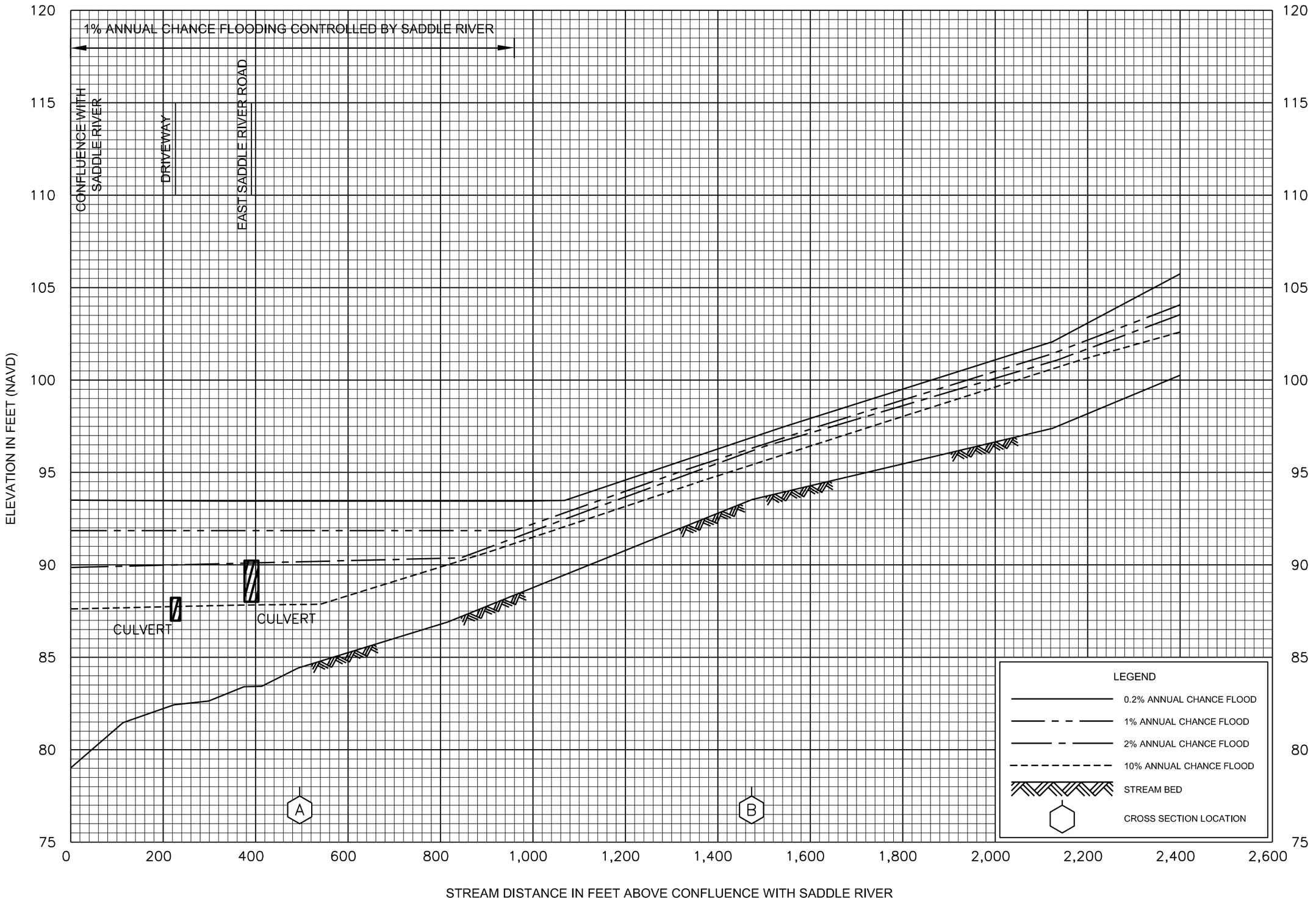
RIVERVALE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

265P




FLOOD PROFILES

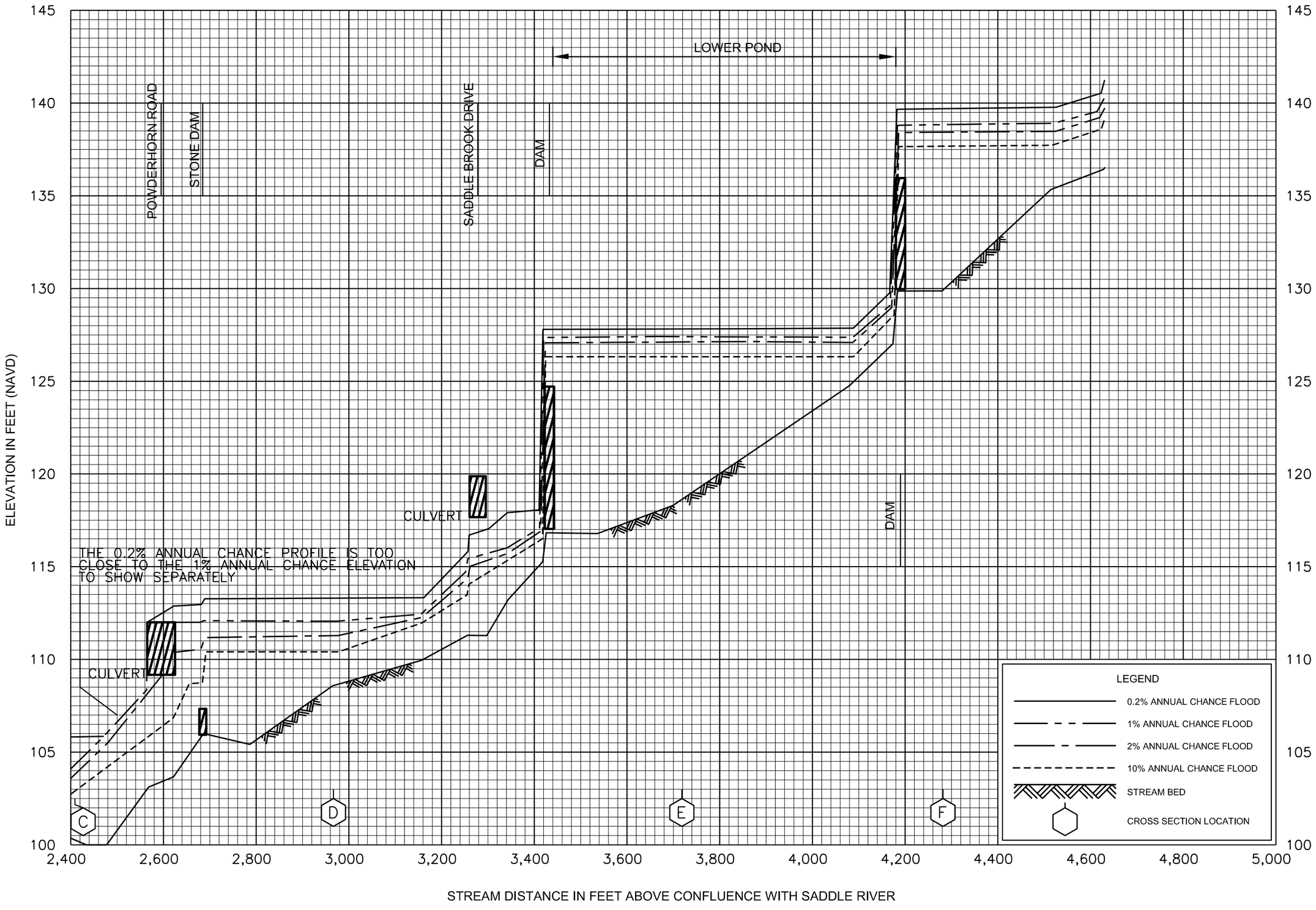
SADDLE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)

266P



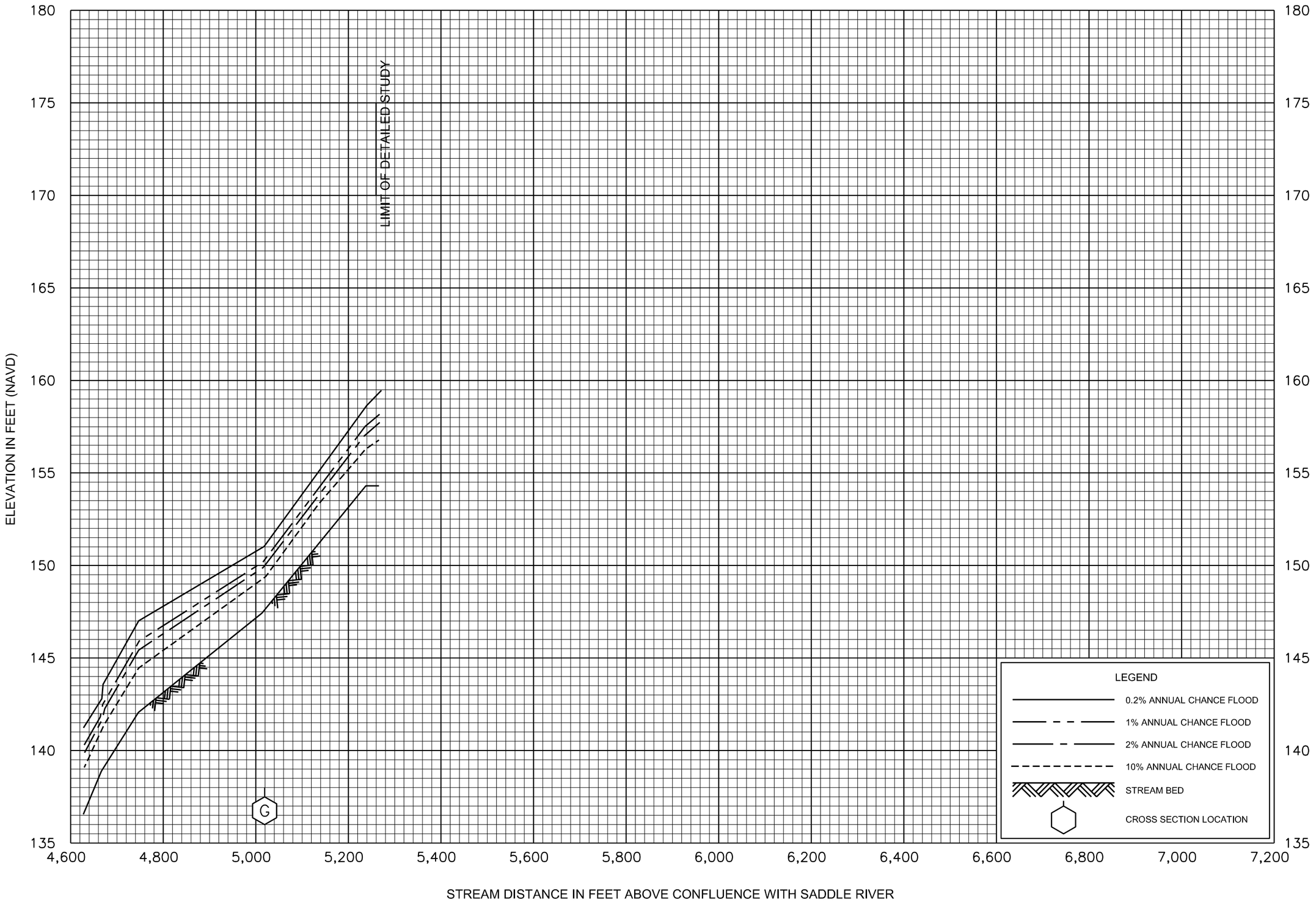

FLOOD PROFILES

SADDLE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)




FLOOD PROFILES

SADDLE BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERGEN COUNTY, NJ

(ALL JURISDICTIONS)