

# FLOOD INSURANCE STUDY

VOLUME 2 of 3



## ROCKINGHAM COUNTY, NEW HAMPSHIRE ALL JURISDICTIONS

Rockingham County



COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER
Atkinson, Town of	330175	New Castle, Town of	330135
Auburn, Town of	330176	Newfields, Town of	330228
Brentwood, Town of	330125	Newington, Town of	330229
Candia, Town of	330126	Newmarket, Town of	330136
Chester, Town of	330182	Newton, Town of	330240
Danville, Town of	330199	North Hampton, Town of	330232
Deerfield, Town of	330127	Northwood, Town of	330855
Derry, Town of	330128	Nottingham, Town of	330137
East Kingston, Town of	330203	Plaistow, Town of	330138
Epping, Town of	330129	Portsmouth, City of	330139
Exeter, Town of	330130	Raymond, Town of	330140
Fremont, Town of	330131	Rye, Town of	330141
Greenland, Town of	330210	Salem, Town of	330142
Hampstead, Town of	330211	Sandown, Town of	330191
Hampton Falls, Town of	330133	Seabrook Beach Village District	330854
Hampton, Town of	330132	Seabrook, Town of	330143
Kensington, Town of	330216	South Hampton, Town of	330193
Kingston, Town of	330217	Stratham, Town of	330197
Londonderry, Town of	330134	Windham, Town of	330144

**PRELIMINARY  
DECEMBER 9, 2013**



Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER  
33015CV002A

NOTICE TO  
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

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

Initial Countywide FIS Effective Date: May 17, 2005

Revised Countywide FIS Effective Date: \_\_\_\_\_

## **TABLE OF CONTENTS - Volume 1**

	<u>Page</u>
1.0 <b><u>INTRODUCTION</u></b>	1
1.1 Purpose of Study	1
1.2 Authority and Acknowledgments	2
1.3 Coordination	7
2.0 <b><u>AREA STUDIED</u></b>	9
2.1 Scope of Study	9
2.2 Community Description	11
2.3 Principal Flood Problems	12
2.4 Flood Protection Measures	14
3.0 <b><u>ENGINEERING METHODS</u></b>	15
3.1 Riverine Hydrologic Analyses	16
3.2 Riverine Hydraulic Analyses	34
3.3 Coastal Analyses	44
3.4 Vertical Datum	65
4.0 <b><u>FLOODPLAIN MANAGEMENT APPLICATIONS</u></b>	67
4.1 Floodplain Boundaries	67
4.2 Floodways	68
5.0 <b><u>INSURANCE APPLICATIONS</u></b>	96
6.0 <b><u>FLOOD INSURANCE RATE MAP</u></b>	99
7.0 <b><u>OTHER STUDIES</u></b>	101
8.0 <b><u>LOCATION OF DATA</u></b>	101
9.0 <b><u>BIBLIOGRAPHY AND REFERENCES</u></b>	101

## TABLE OF CONTENTS – Volume 1 – continued

### FIGURES

Figure 1 —Transect Schematic	45
Figure 2 – Transect Location Map	48
Figure 3 - Floodway Schematic	96

### TABLES

Table 1 - Initial and Final CCO Meetings	8
Table 2 - Flooding Sources Studied by Detailed Methods	9-10
Table 3 - Letters of Map Change	10
Table 4 - Summary of Discharges	24-32
Table 5 - Summary of Stillwater Elevations	33-34
Table 6 - Manning's "n" Values	42-43
Table 7 - Transect Descriptions	49-56
Table 8 - Transect Data	56-64
Table 9 – Vertical Datum Reference by Community	65-66
Table 10 - 100-Year Flood Data	70
Table 11 - Floodway Data	71-96
Table 12 – Community Map History	99-100

### EXHIBITS

Exhibit 1 - Flood Profiles	
Beaver Brook	Profiles 01P-15P
Black Brook	Profiles 16P-20P
Bryant Brook	Profiles 21P-22P
Cohas Brook	Profiles 23P-24P

## **TABLE OF CONTENTS - Volume 2**

### **EXHIBITS – continued**

Exhibit 1 - Flood Profiles (continued)	
Cunningham Brook	Profiles 25P-34P
Drew Brook	Profiles 35P-37P
Dudley Brook	Profiles 38P-41P
Exeter River (Town of Exeter)	Profiles 42P-48P
Squamscott River - Exeter River	Profiles 49P-51BP
Flatrock Brook	Profiles 52P-56P
Golden Brook	Profiles 57P-63P
Grassy Brook	Profile 64P
Hidden Valley Brook	Profiles 65P-68P
Hill Brook	Profile 69P
Hog Hill Brook	Profiles 70P-71P
Homes Brook	Profiles 72P-75P
Kelly Brook	Profiles 76P-77P
Lamprey River	Profiles 78P-81P
Little Cohas Brook	Profiles 89P-99P
Little River No. 1	Profile 100P
Little River No. 2	Profiles 101P-102P
Little River No. 3	Profiles 103P-107P
Nesenkeag Brook	Profiles 108P-124P

## **TABLE OF CONTENTS - Volume 3**

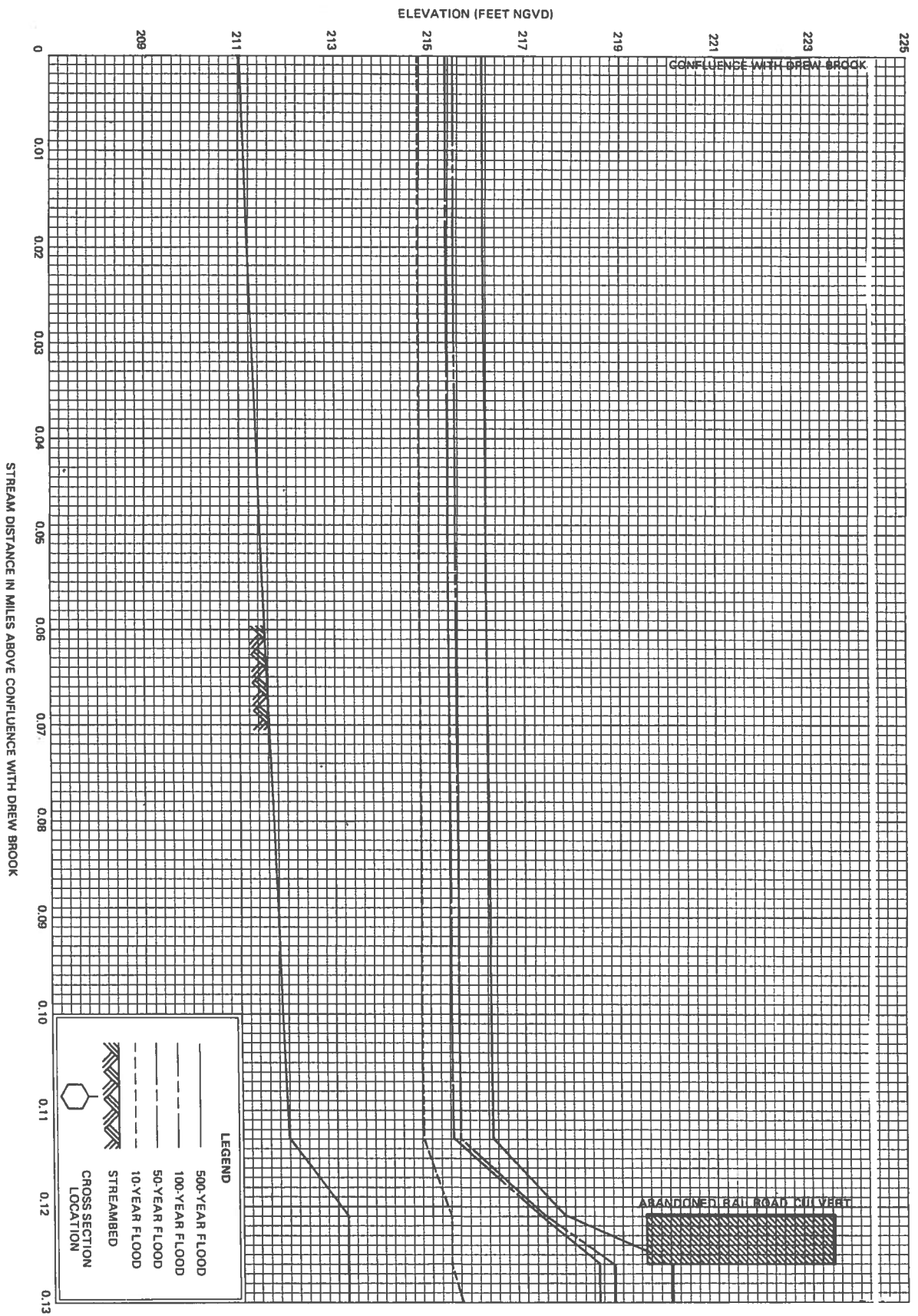
### **EXHIBITS – continued**

Exhibit 1 - Flood Profiles (continued)	
Pickering Brook	Profiles 125P-126P
Piscassic River	Profiles 127P-128P
Policy Brook-Unnamed Brook	Profile 129P
Porcupine Brook	Profile 130P
Porcupine Brook Tributary	Profile 131P
Powwow River (Downstream Reach)	Profile 132P
Powwow River (Upstream Reach)	Profiles 133P-134P
Shields Brook	Profiles 135P-153P
Spicket River	Profiles 154P-156P
Taylor Brook (including Ballard Pond)	Profiles 157P-161P
Tributary C to Beaver Brook	Profiles 162P-165P
Tributary E to Beaver Lake	Profiles 166P-167P
Tributary E to Little Cohas Brook	Profiles 168P-169P
Tributary F to Beaver Lake	Profiles 170P-174P
Tributary G to Beaver Brook	Profiles 175P-178P
Tributary H to Drew Brook	Profiles 179P-183P
Tributary H to Nesenkeag Brook	Profiles 184P-186P

**TABLE OF CONTENTS-Volume 3- continued**

**EXHIBITS – continued**

Exhibit 1 - Flood Profiles (continued)	
Tributary J to Black Brook	Profiles 187P-188P
Tributary O to Beaver Brook	Profiles 189P-195P
Upper Beaver Brook	Profiles 196P-198P
Wash Pond Tributary	Profile 199P
West Channel Policy Brook	Profiles 200P-201P
Winnicut River	Profile 202
Exhibit 2 - Flood Insurance Rate Map Index	
Flood Insurance Rate Map Legend	
Map Notes to Users	
Flood Insurance Rate Map	

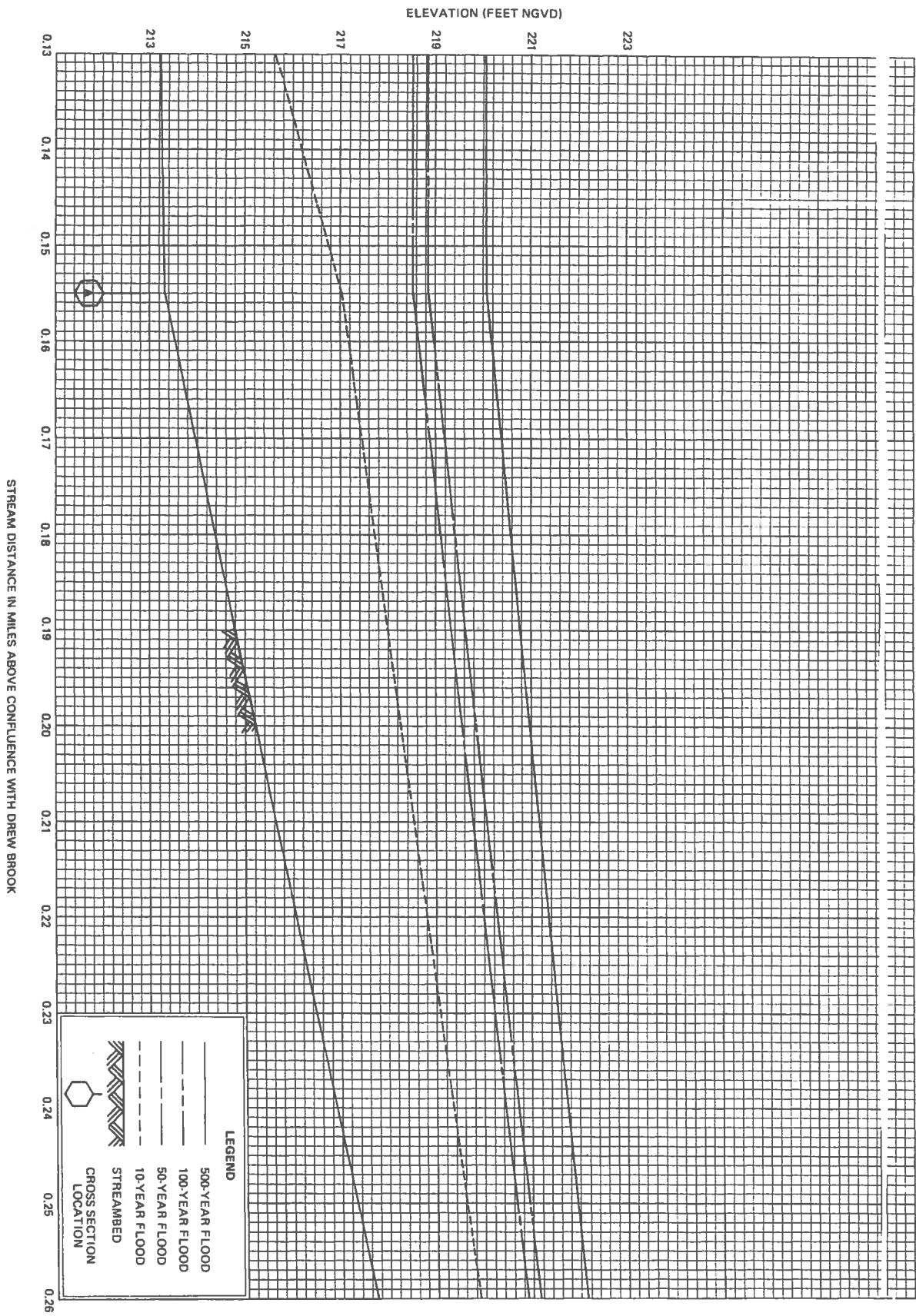


FEDERAL EMERGENCY MANAGEMENT AGENCY

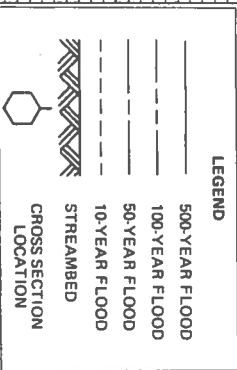
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**CUNNINGHAM BROOK**



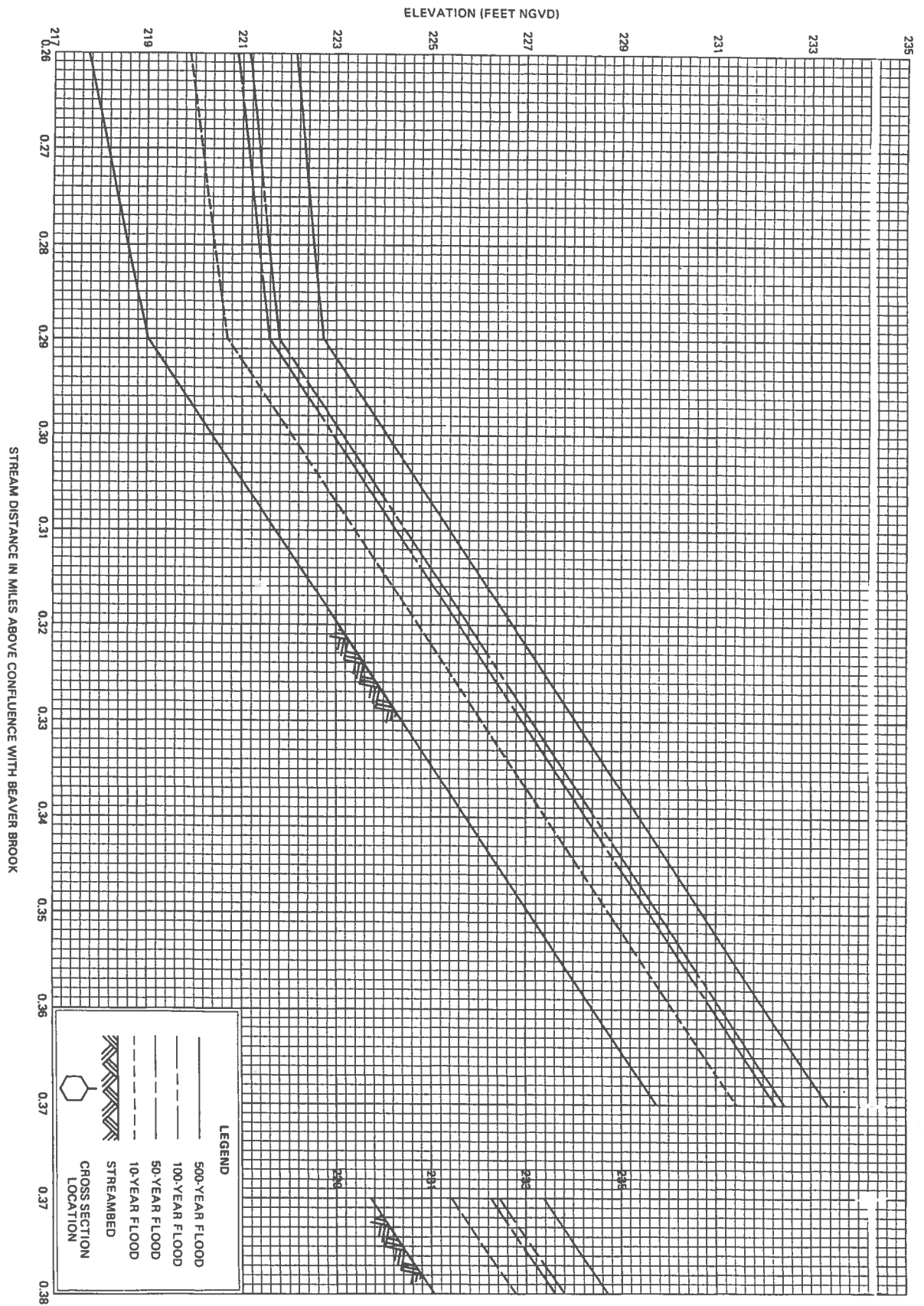
STREAM DISTANCE IN MILES ABOVE CONFLUENCE WITH DREW BROOK



FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**CUNNINGHAM BROOK**



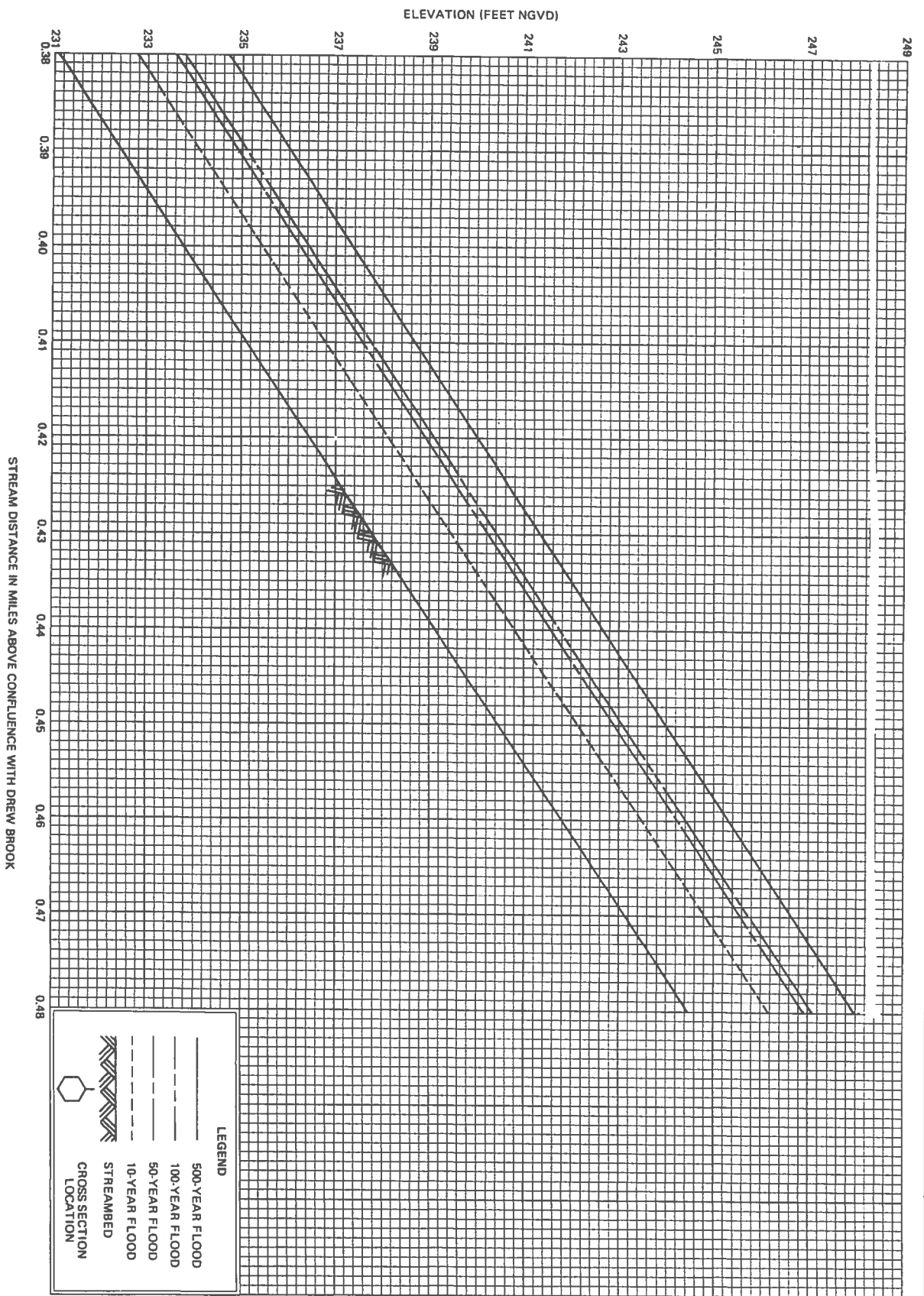


FEDERAL EMERGENCY MANAGEMENT AGENCY

ROCKINGHAM COUNTY, NH  
(ALL JURISDICTIONS)

FLOOD PROFILES

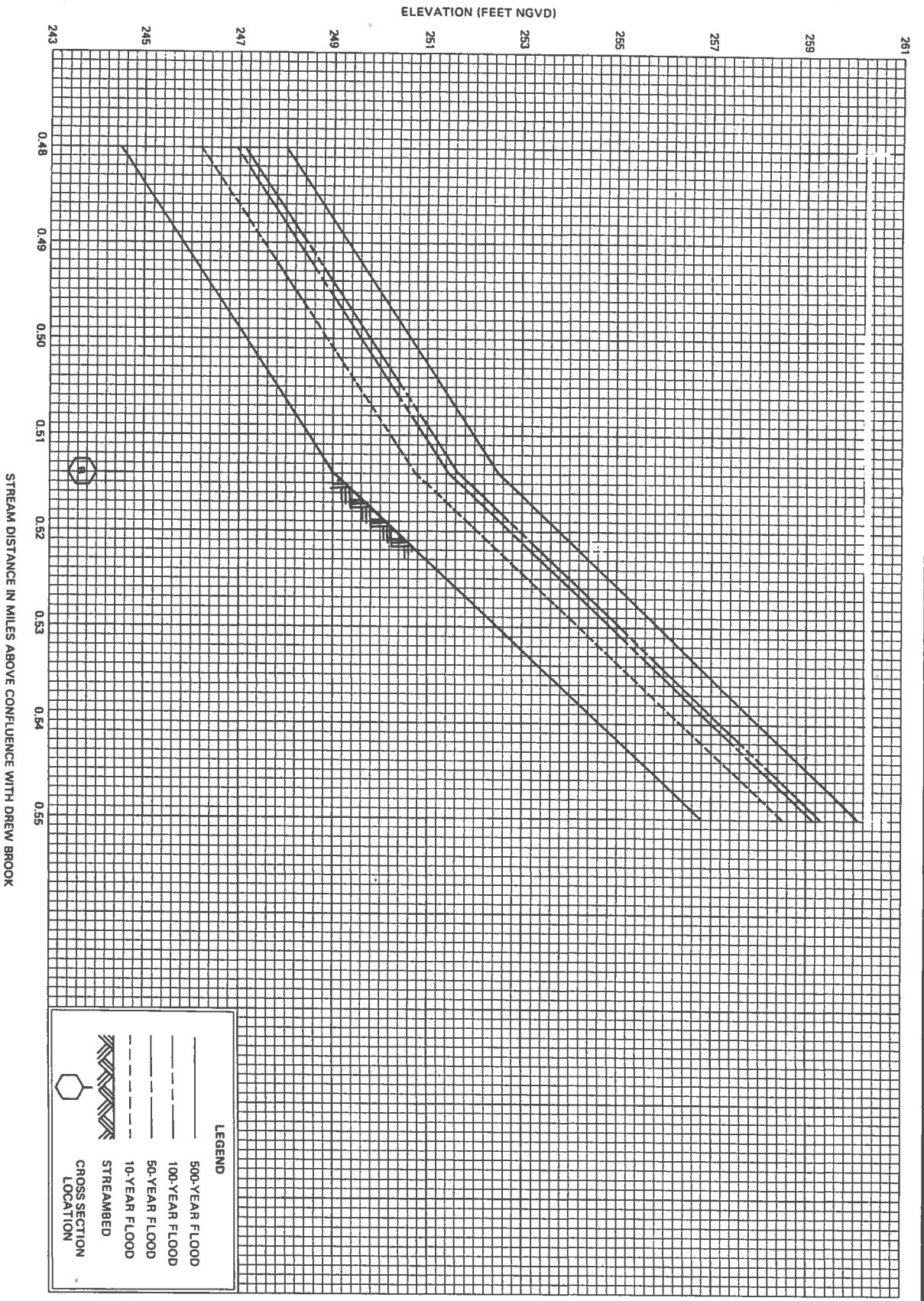
CUNNINGHAM BROOK



FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**  
**CUNNINGHAM BROOK**

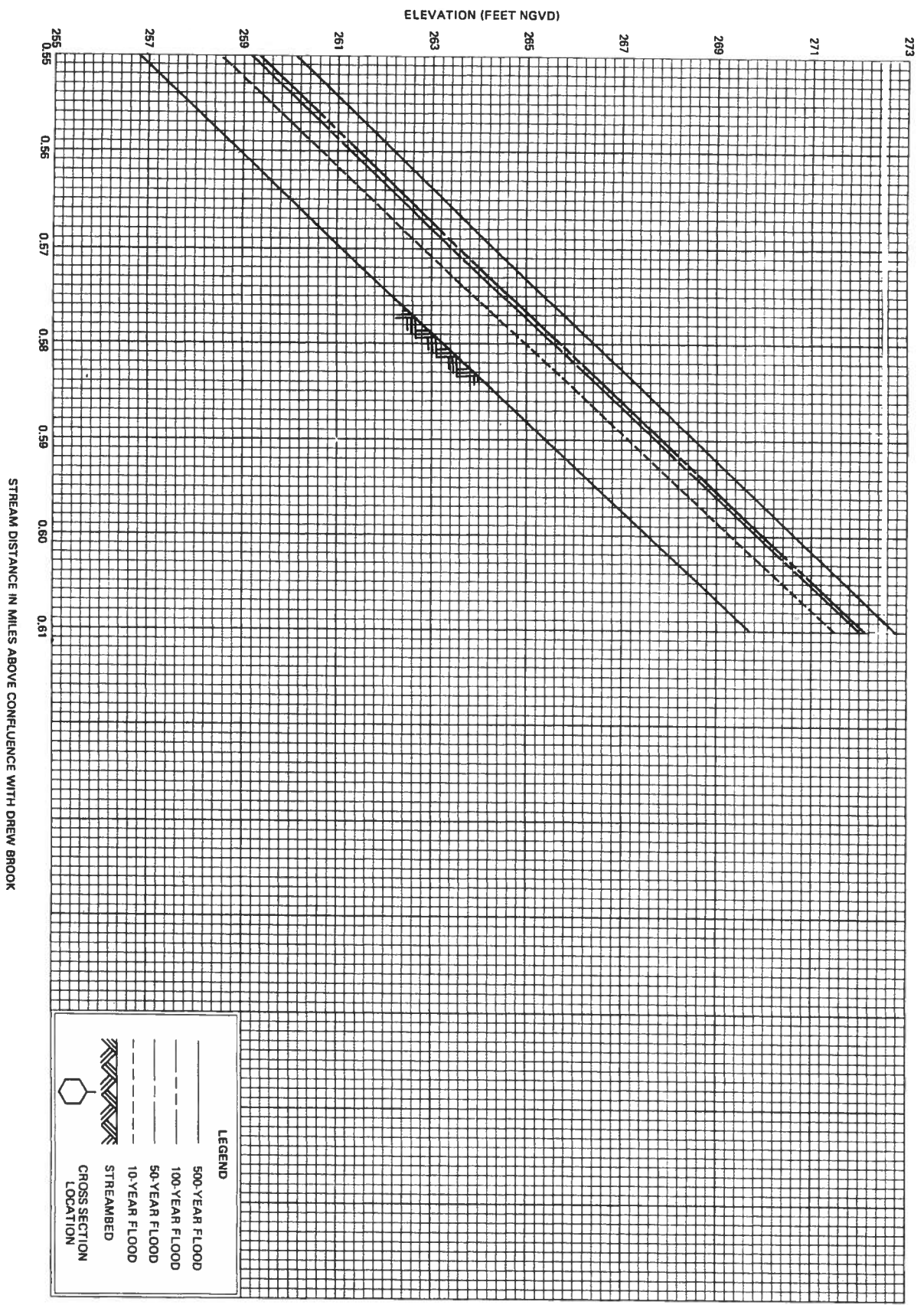


**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- · - · 50-YEAR FLOOD
- · - · 10-YEAR FLOOD
- - - STREAMBED
- CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**CUNNINGHAM BROOK**

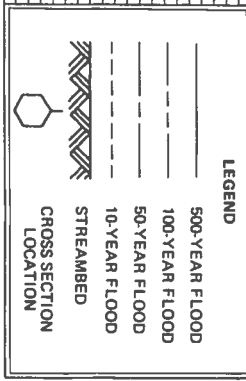
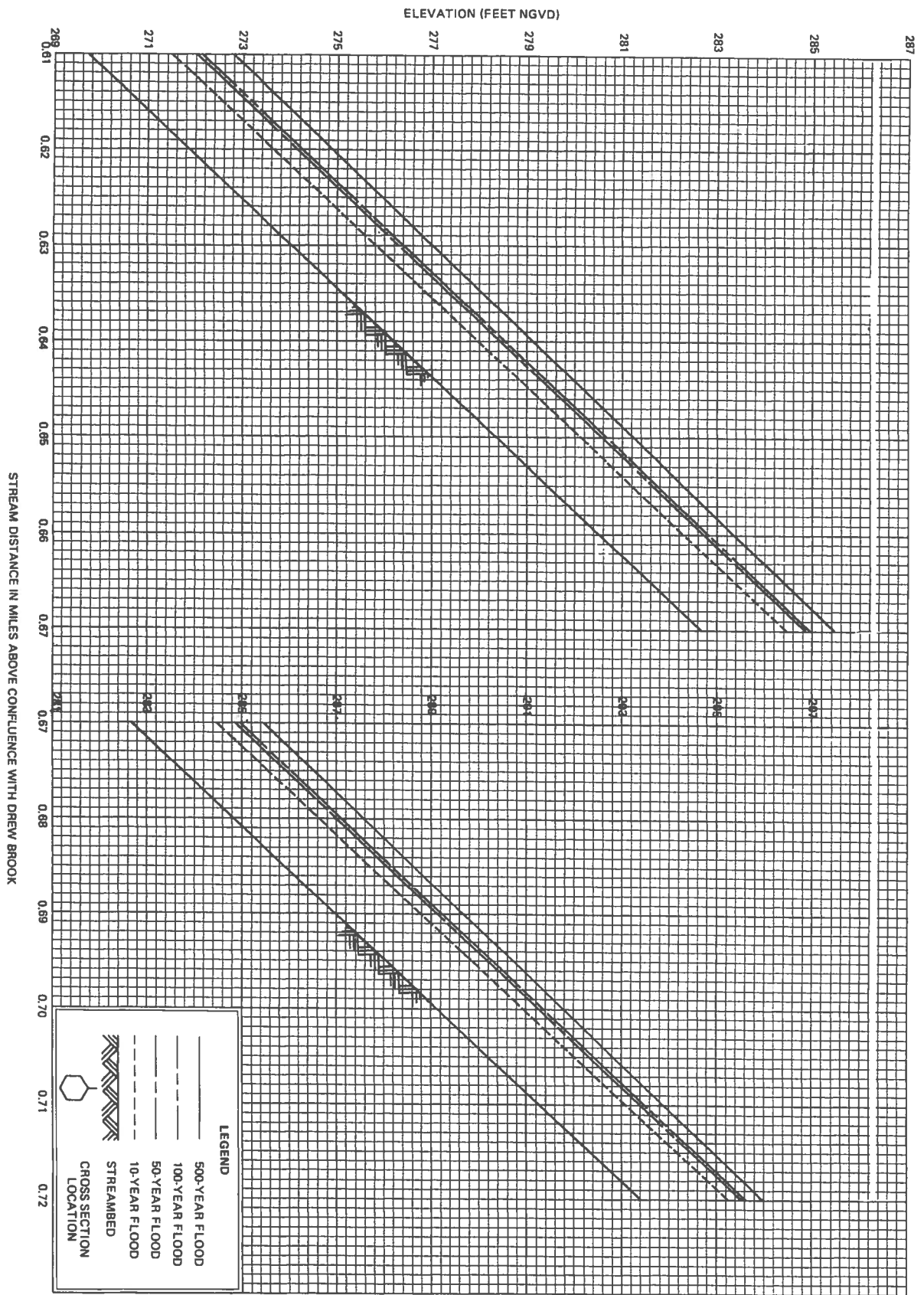


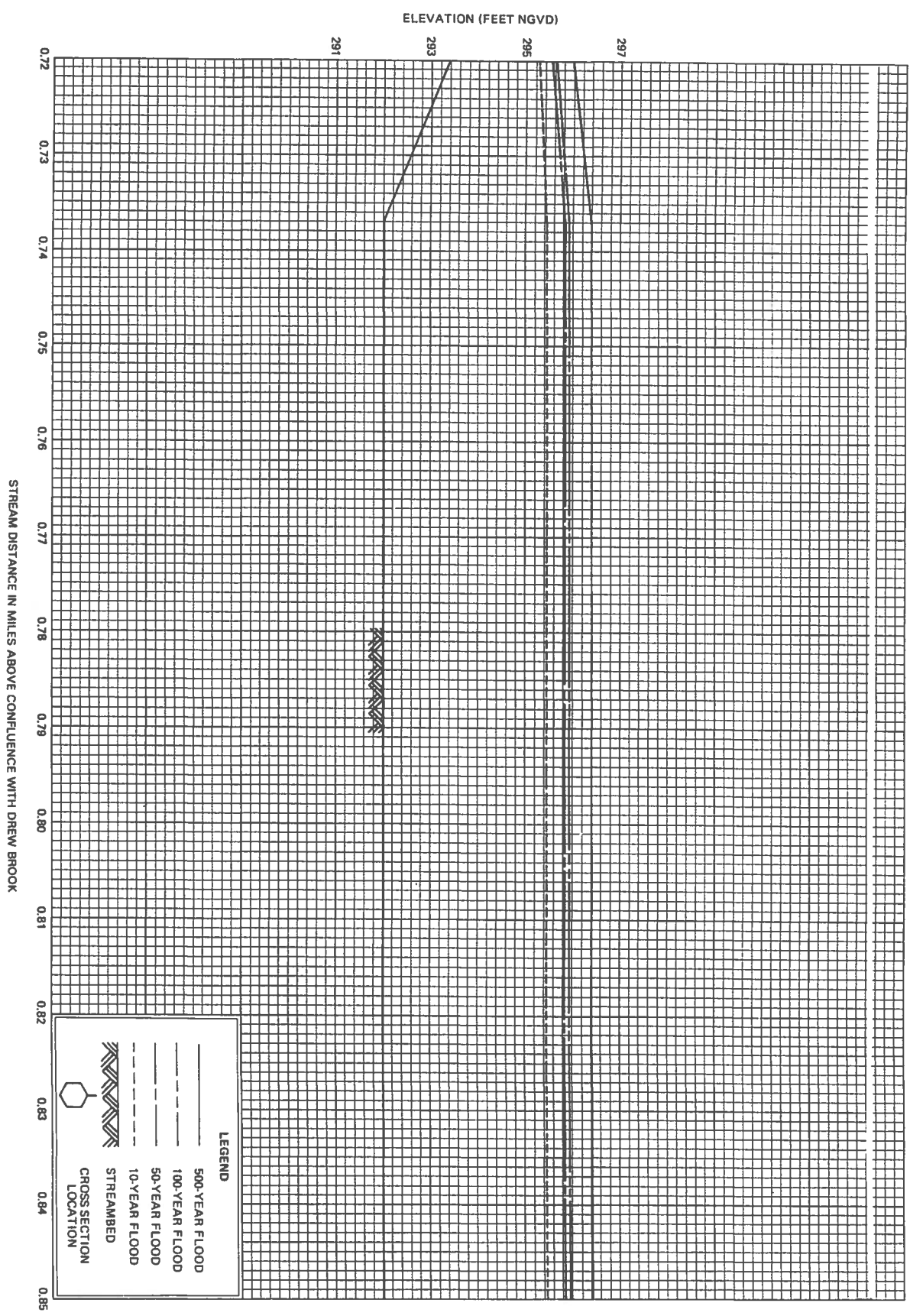
**LEGEND**

- ..... 500-YEAR FLOOD
- 100-YEAR FLOOD
- . - . - . 50-YEAR FLOOD
- 10-YEAR FLOOD
- STREAMBED
- ◡ CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**CUNNINGHAM BROOK**





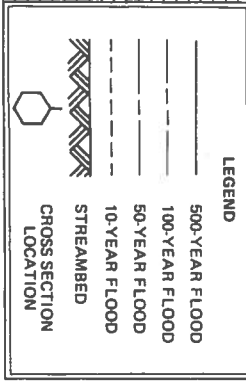
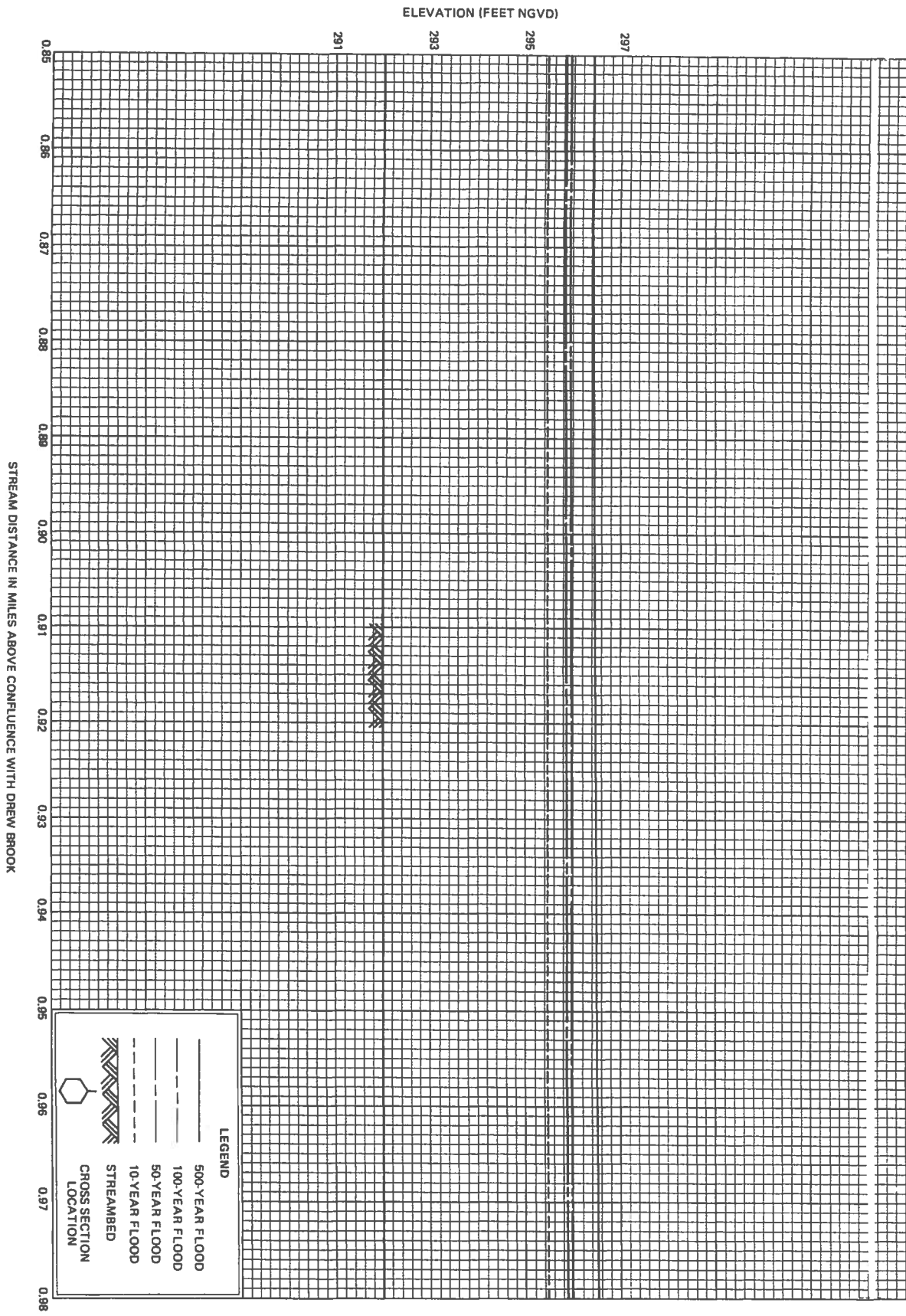
FEDERAL EMERGENCY MANAGEMENT AGENCY

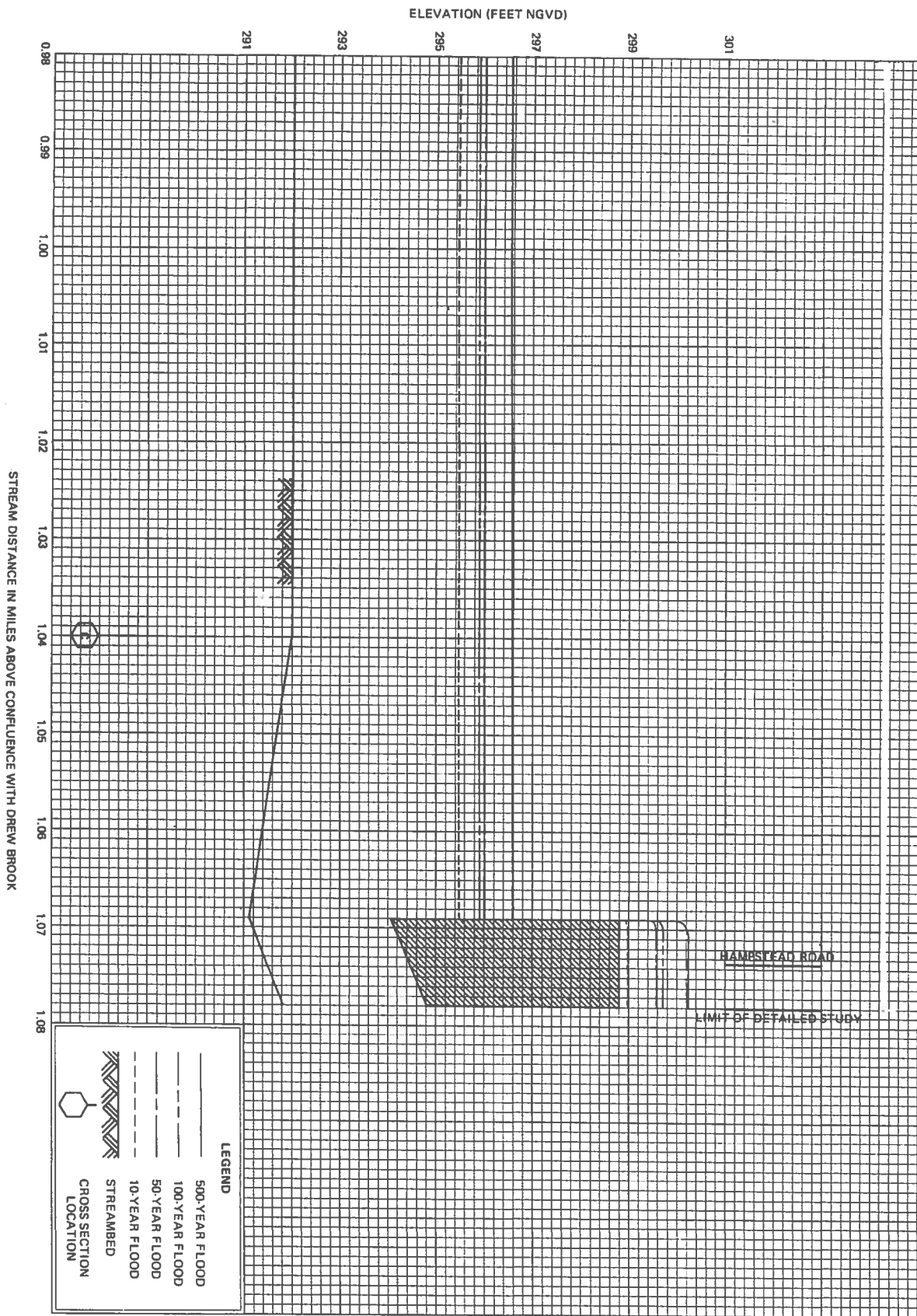
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**CUNNINGHAM BROOK**

32p





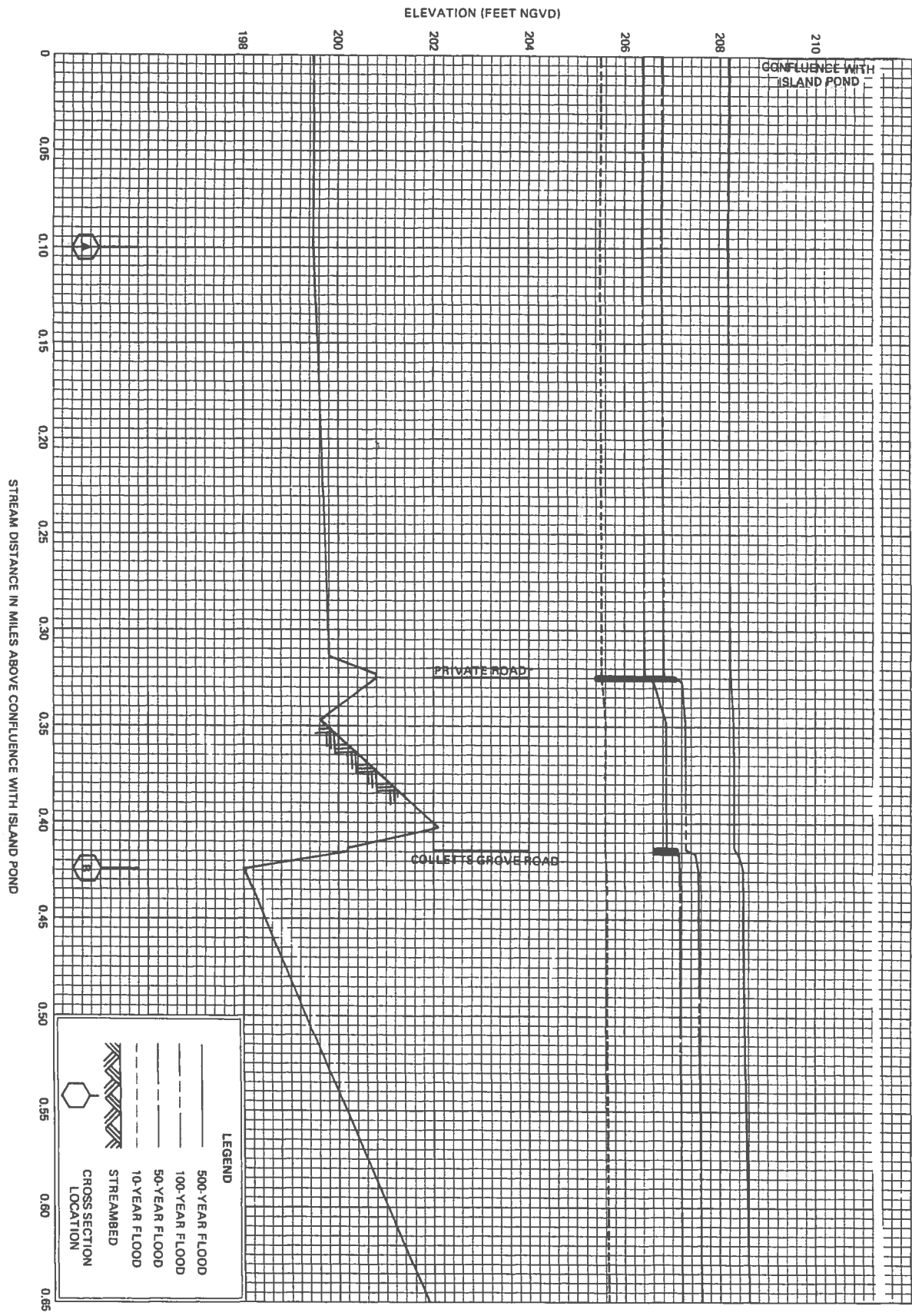
FEDERAL EMERGENCY MANAGEMENT AGENCY

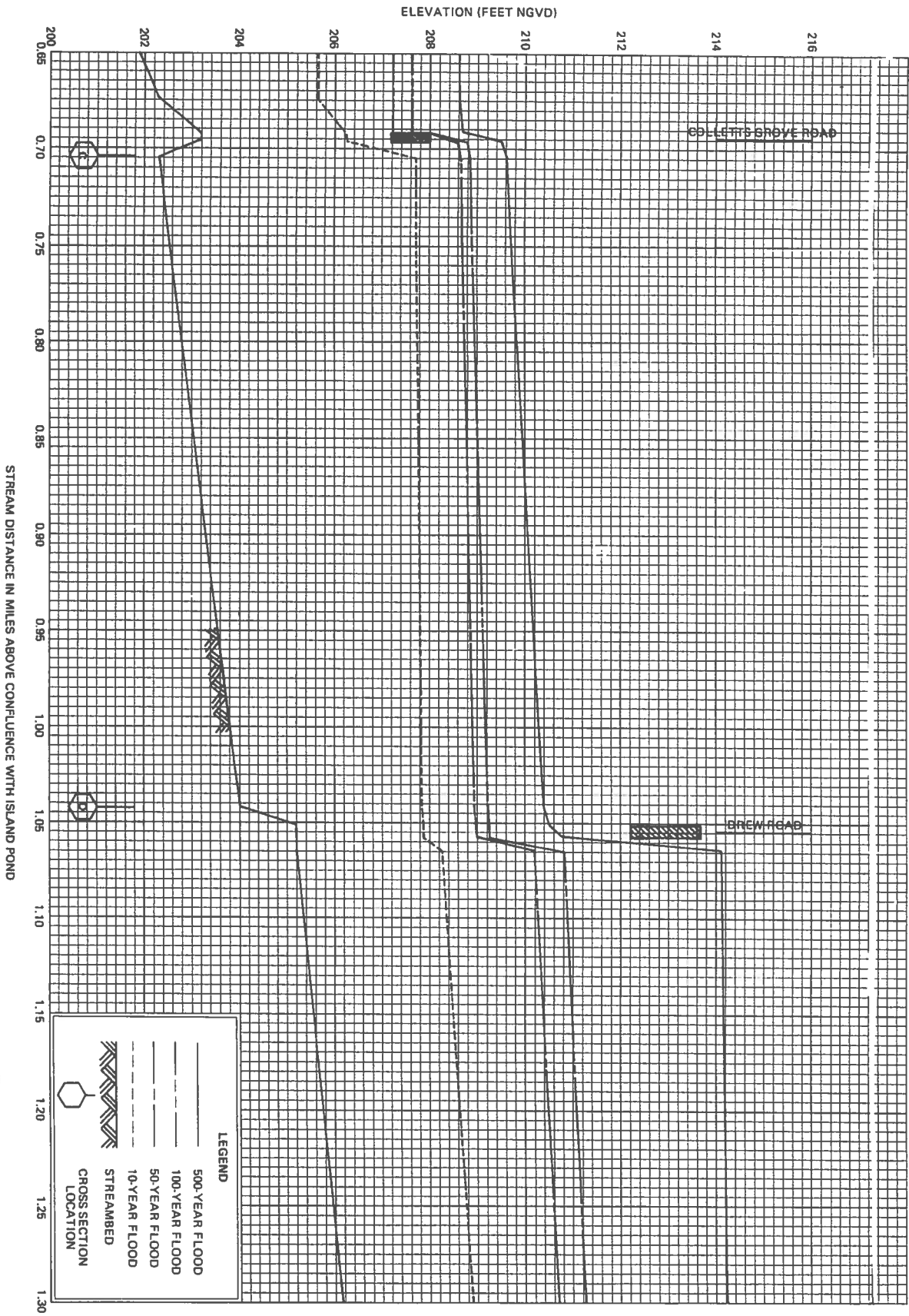
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

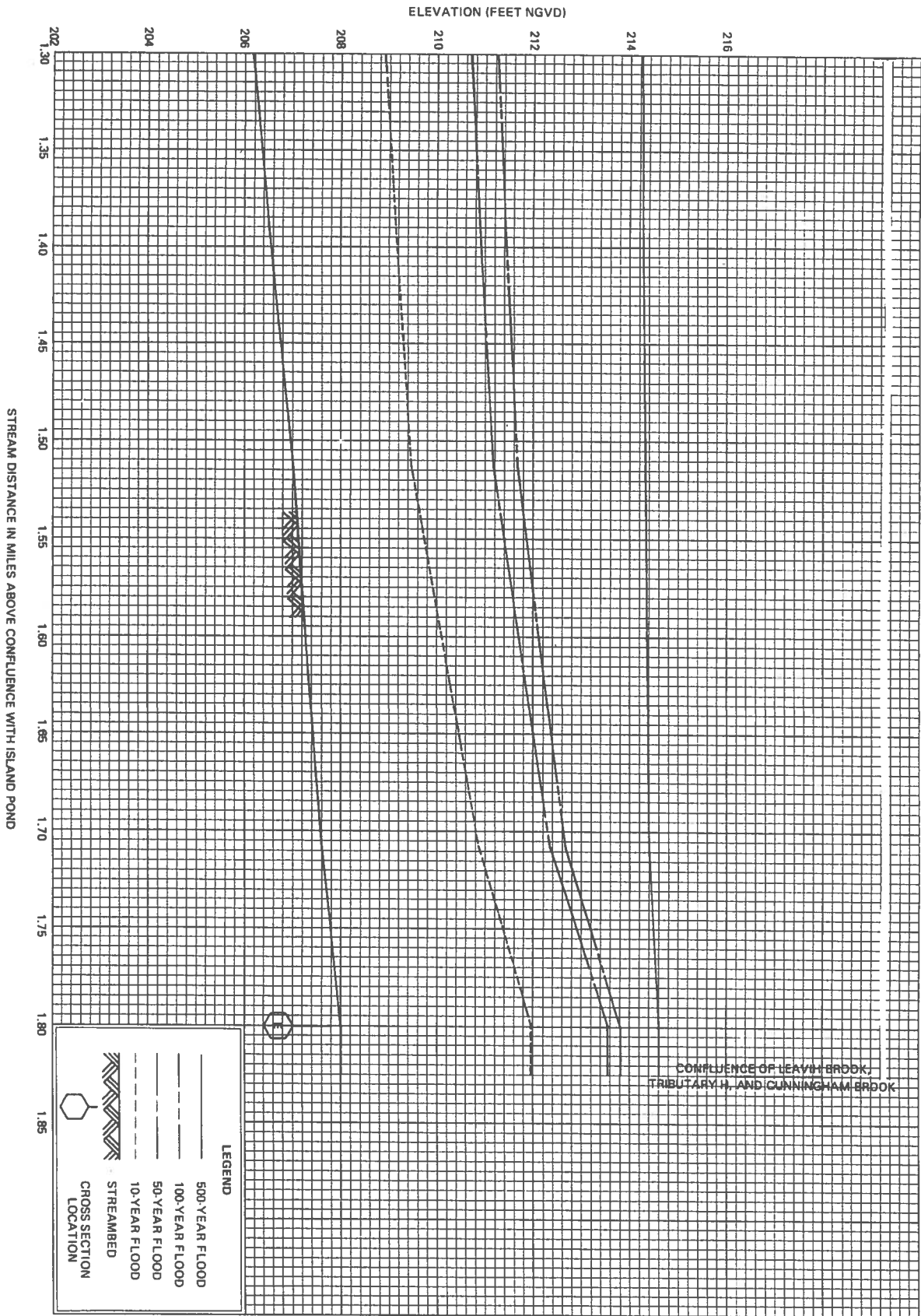
**FLOOD PROFILES**

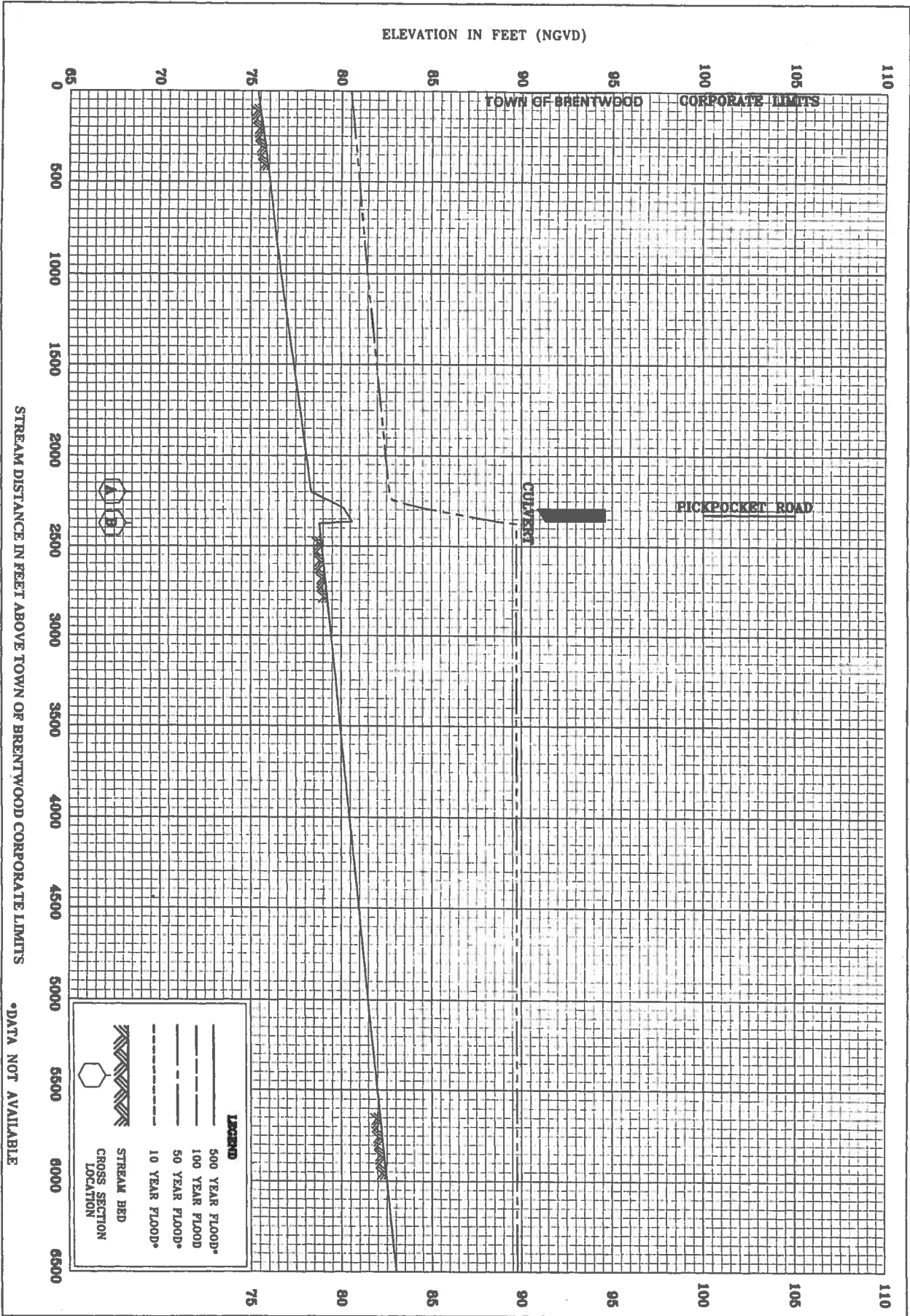
**CUNNINGHAM BROOK**

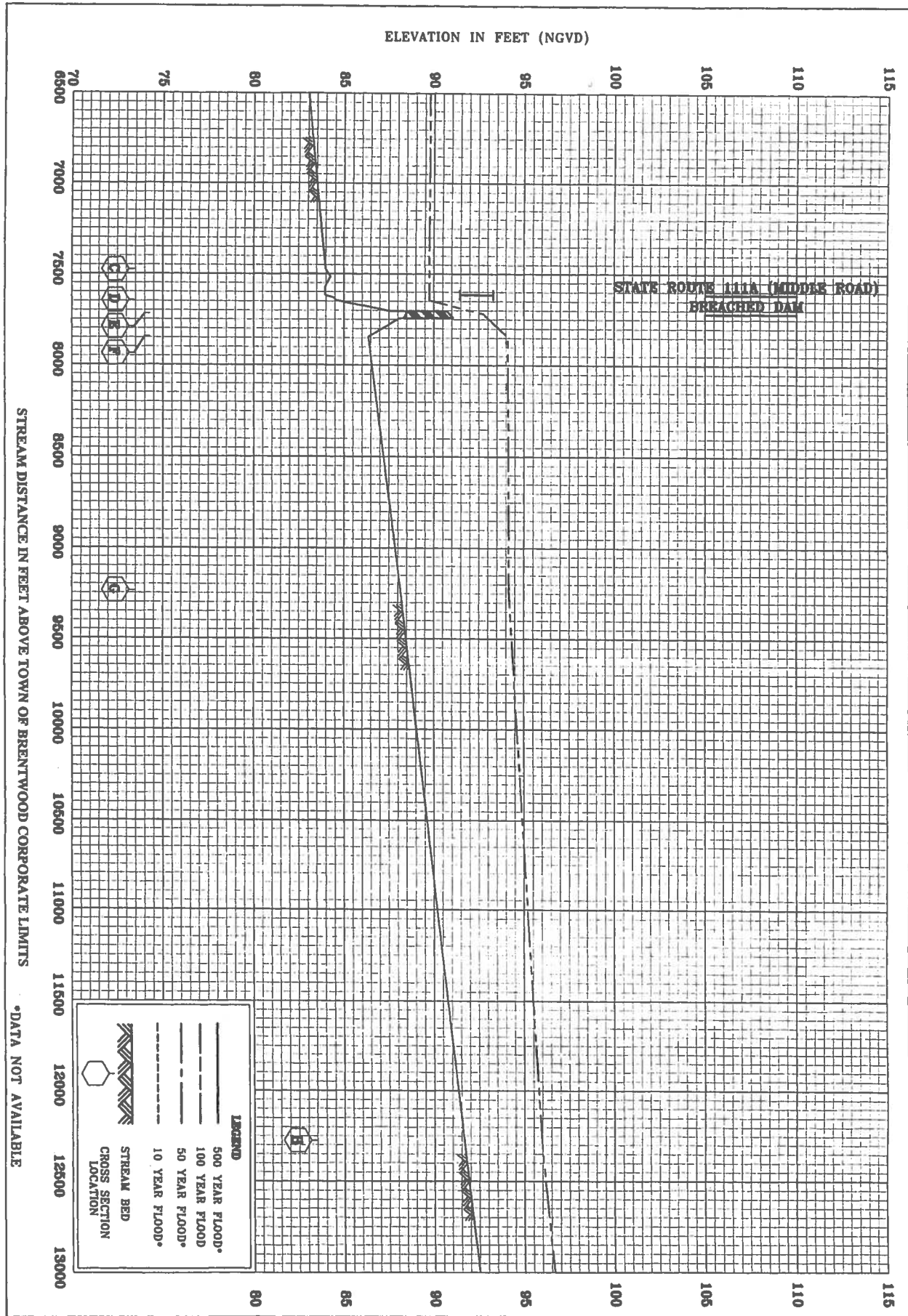


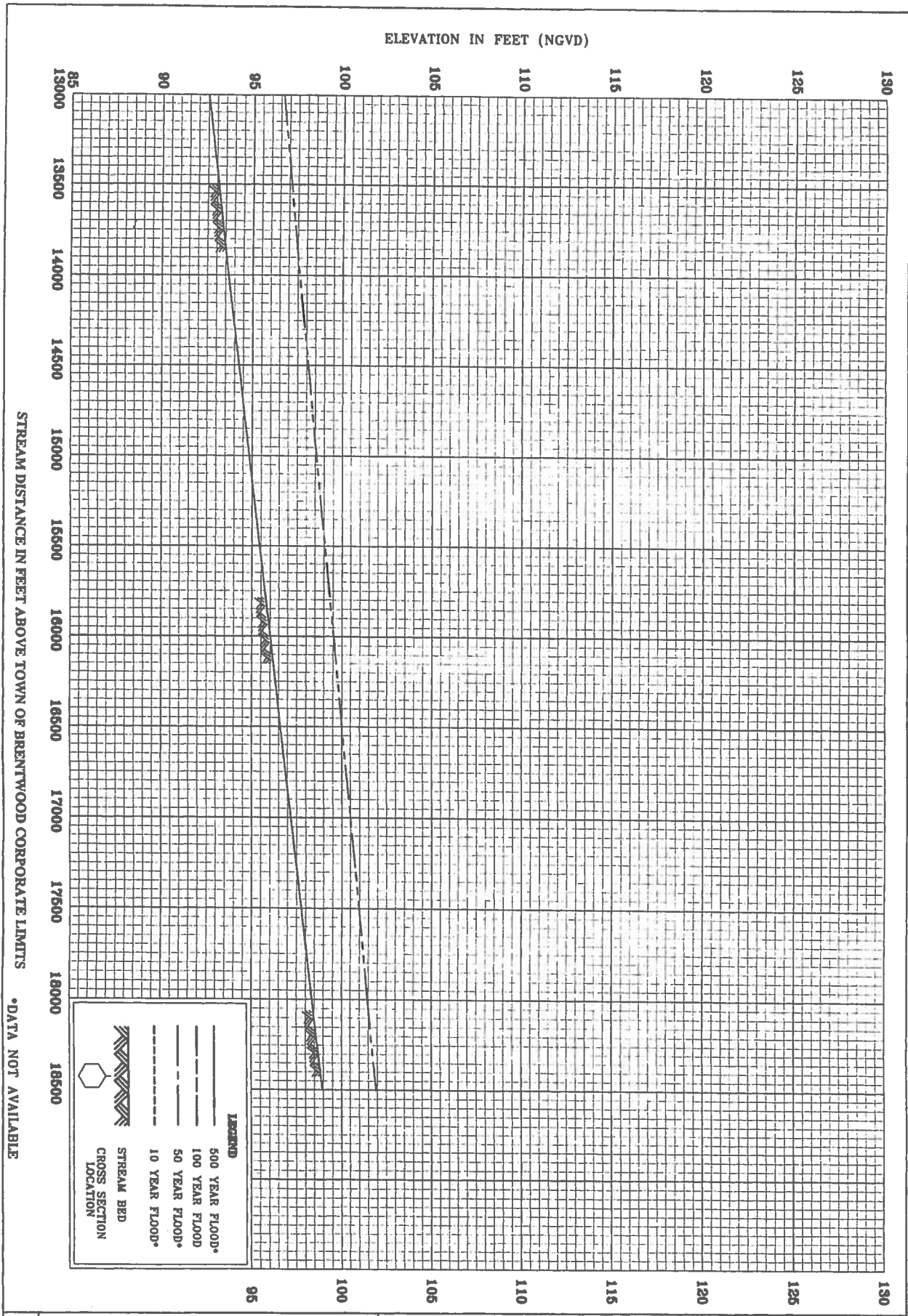












FEDERAL EMERGENCY MANAGEMENT AGENCY

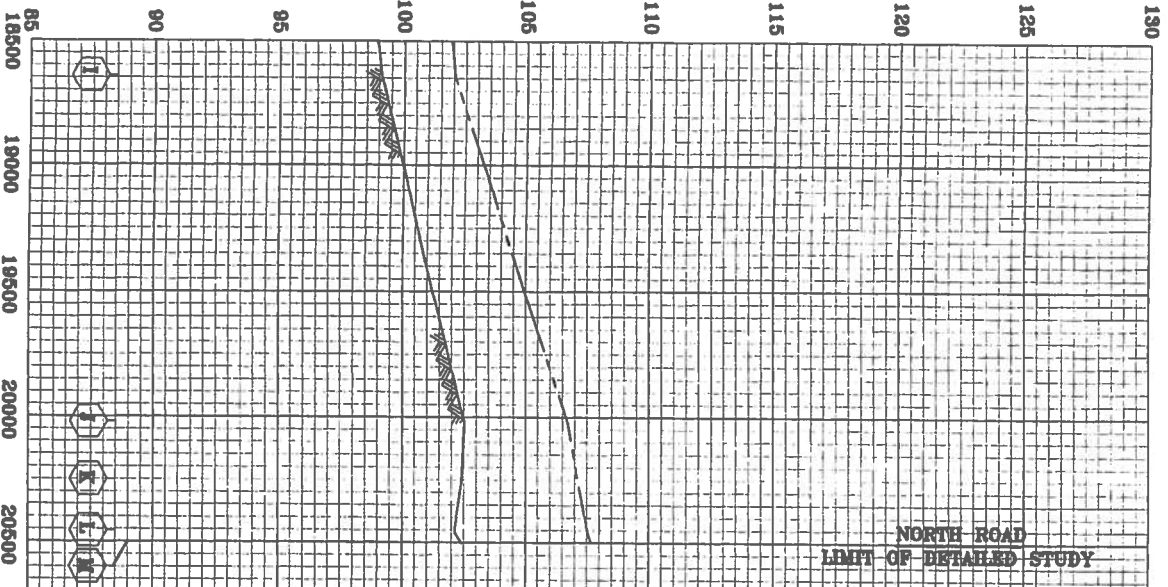
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

40P

FLOOD PROFILES

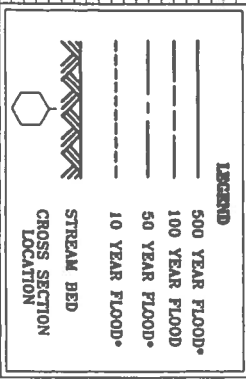
**DUDLEY BROOK**

ELEVATION IN FEET (NGVD)



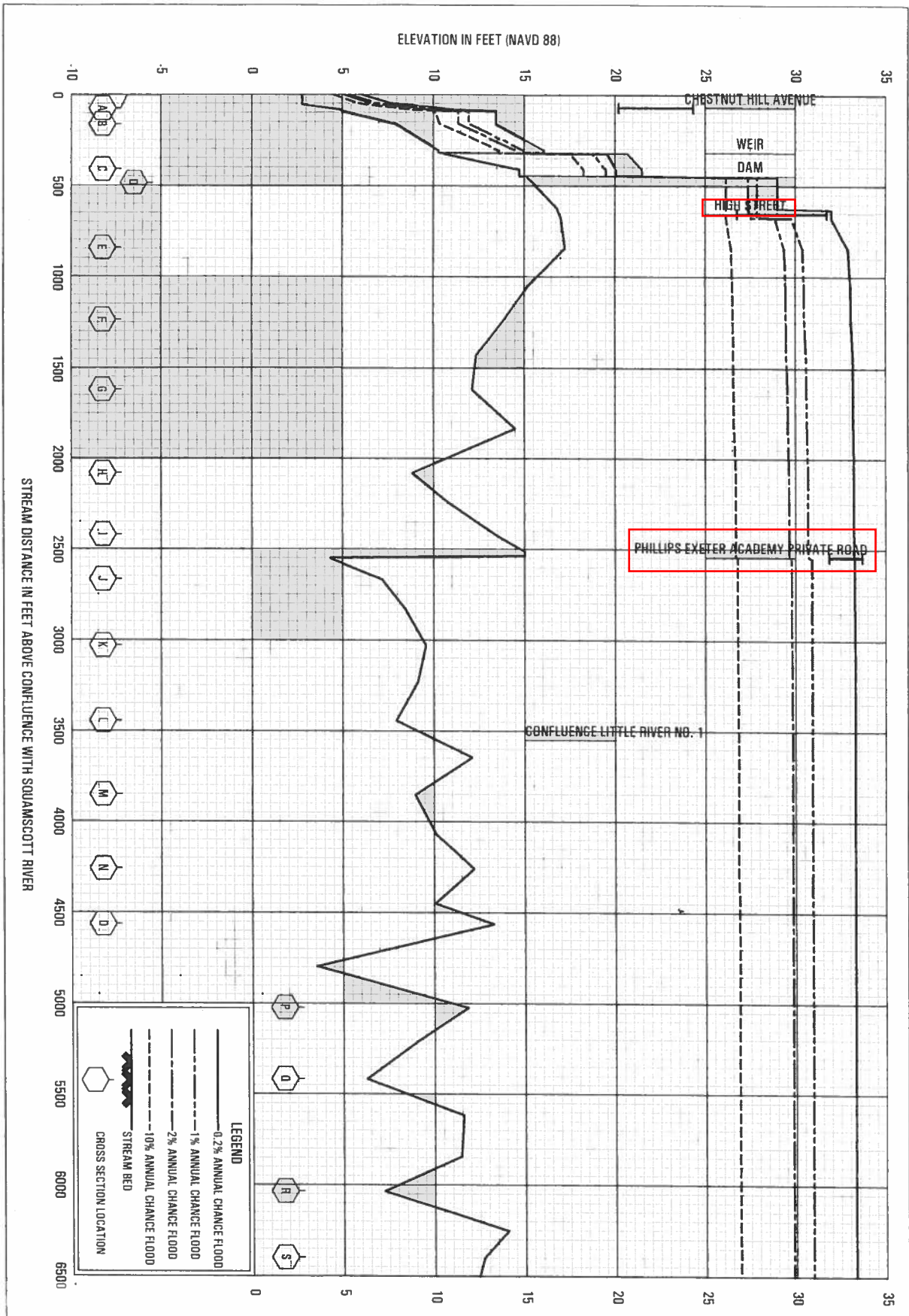
STREAM DISTANCE IN FEET ABOVE TOWN OF BRENTWOOD CORPORATE LIMITS

\*DATA NOT AVAILABLE



FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

FLOOD PROFILES  
**DUDLEY BROOK**

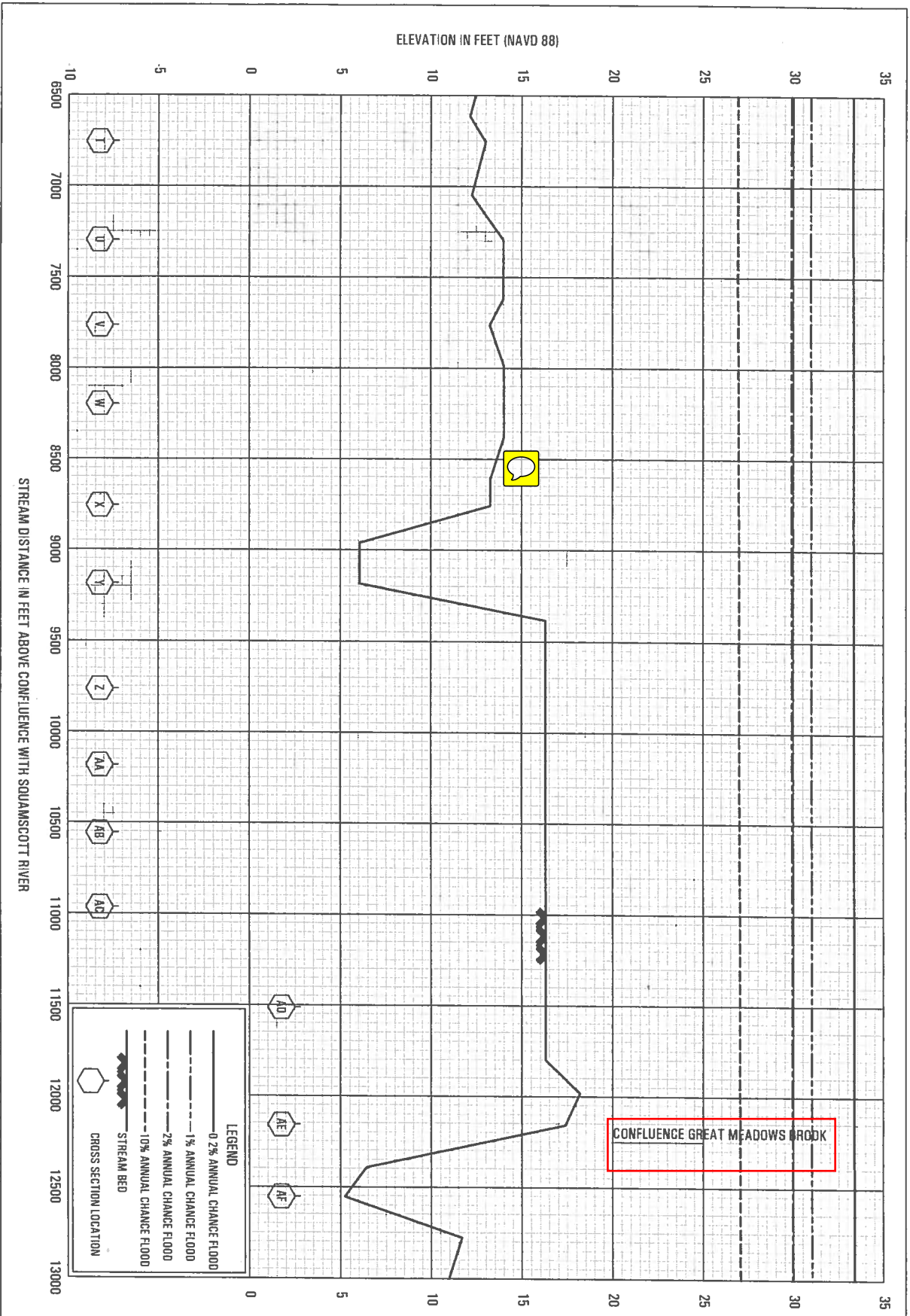


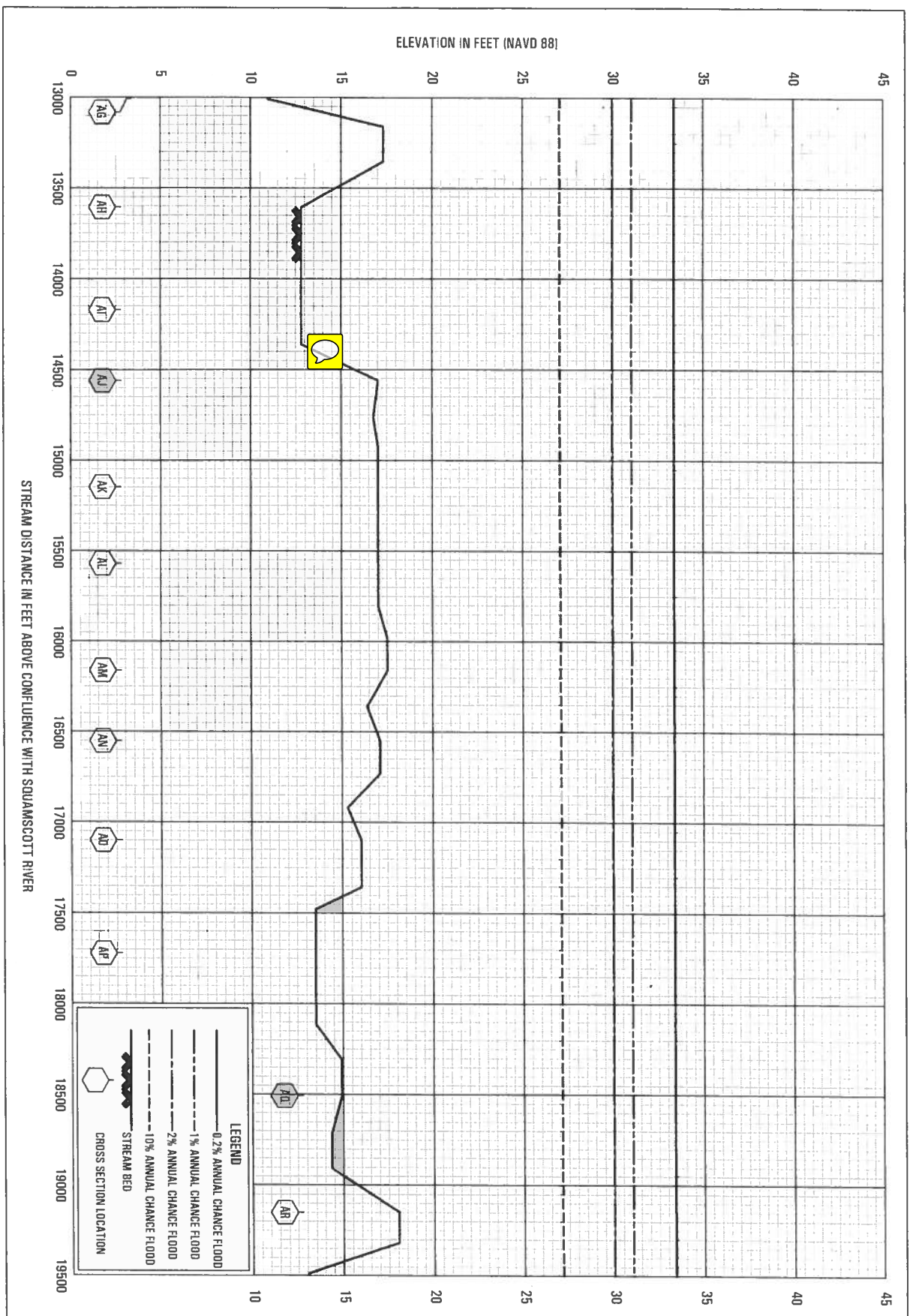
42P

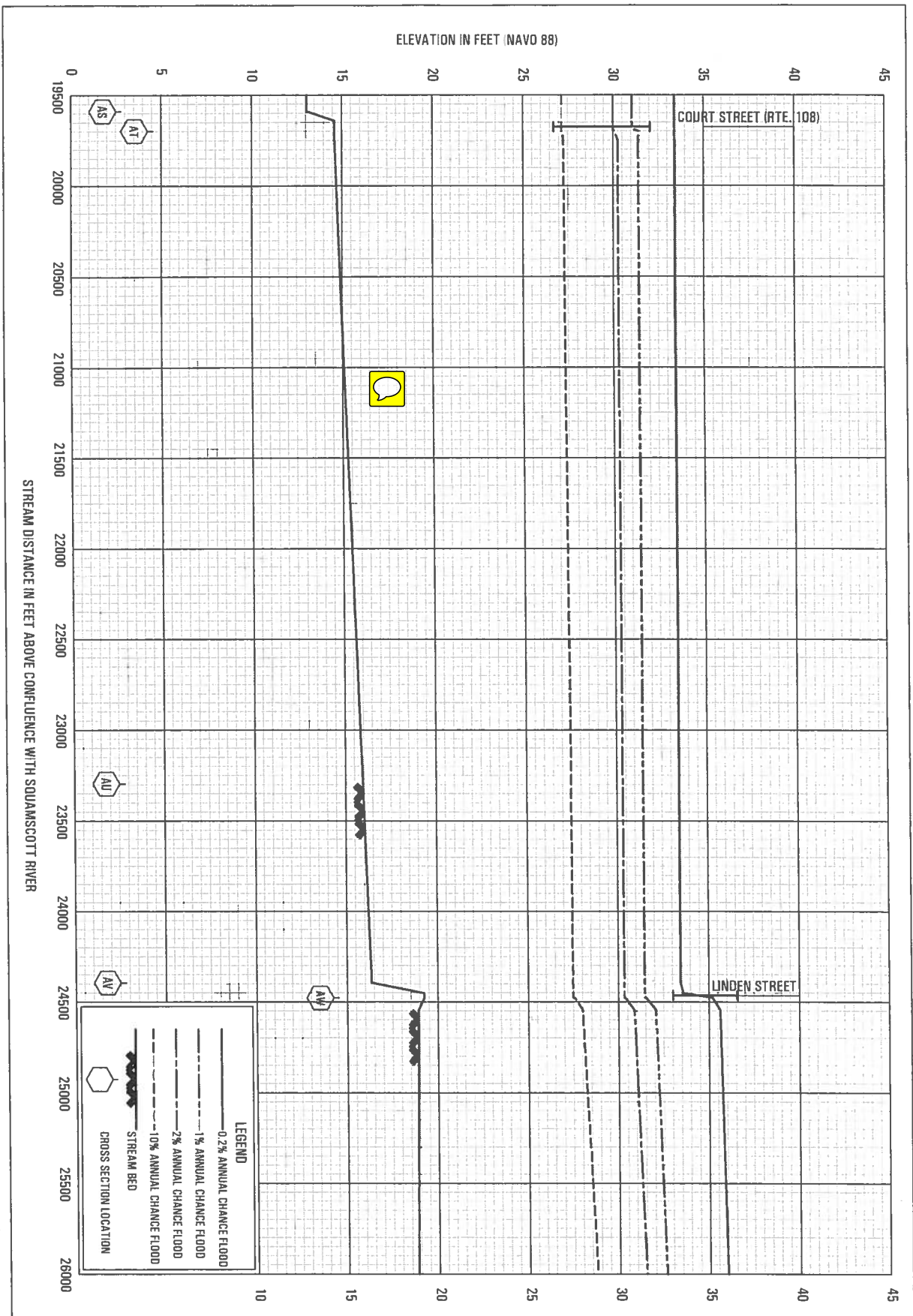
FEDERAL EMERGENCY MANAGEMENT AGENCY  
ROCKINGHAM COUNTY, NH  
(ALL JURISDICTIONS)

**FLOOD PROFILES**  
EXETER RIVER (TOWN OF EXETER)





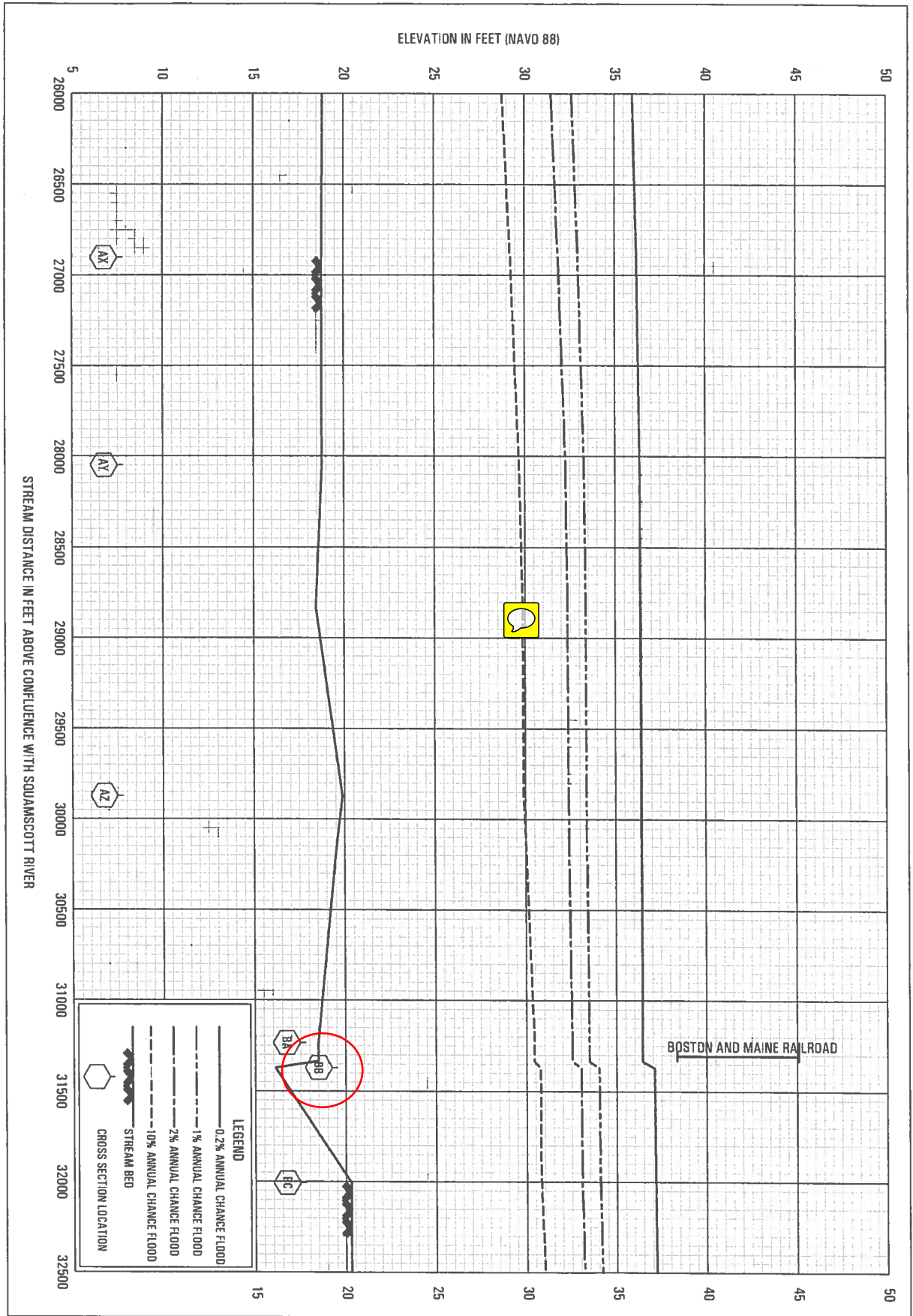




FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

FLOOD PROFILES  
 EXETER RIVER (TOWN OF EXETER)

45P



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SQUAMSCOTT RIVER

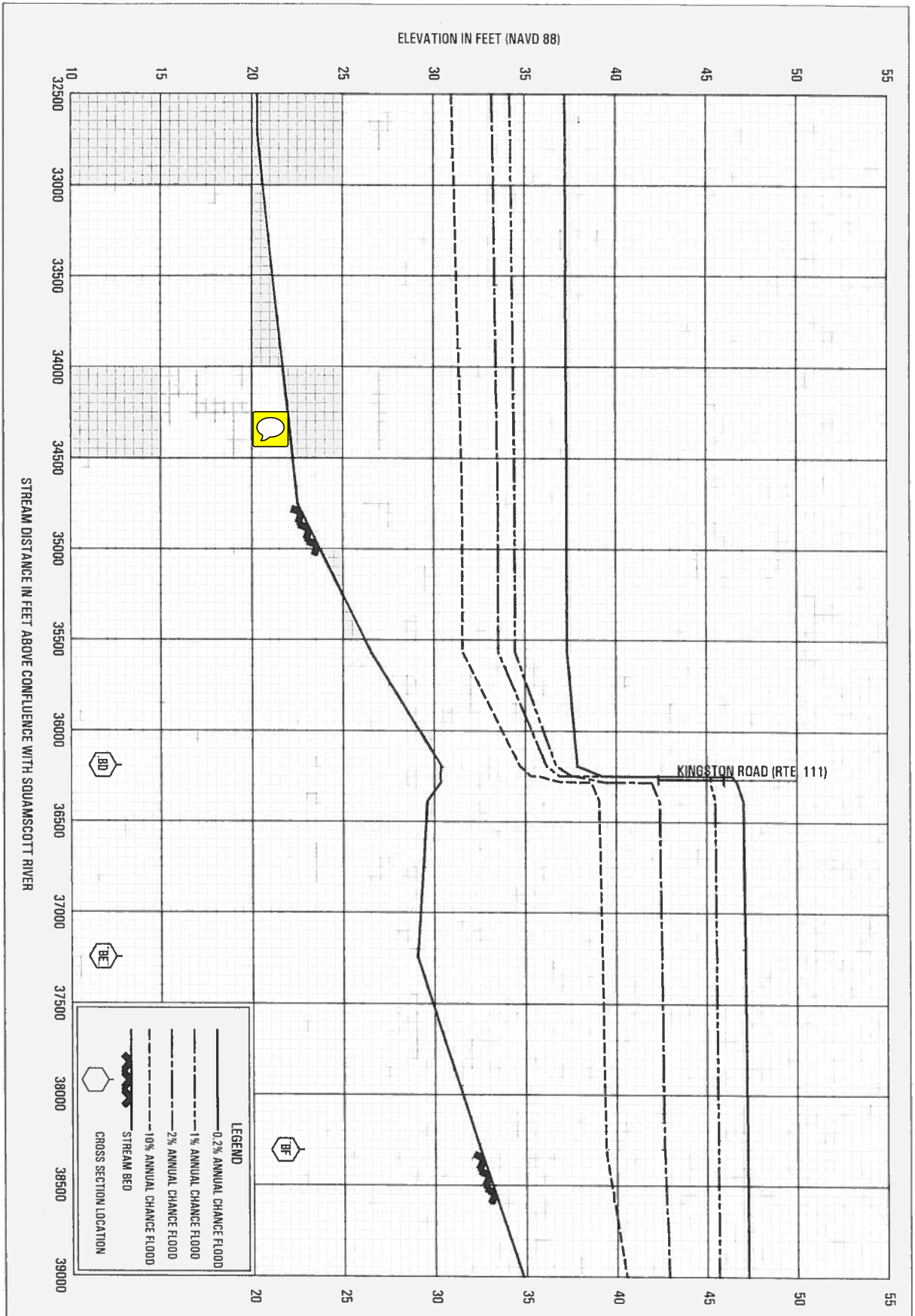
**LEGEND**

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

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
 EXETER RIVER (TOWN OF EXETER)

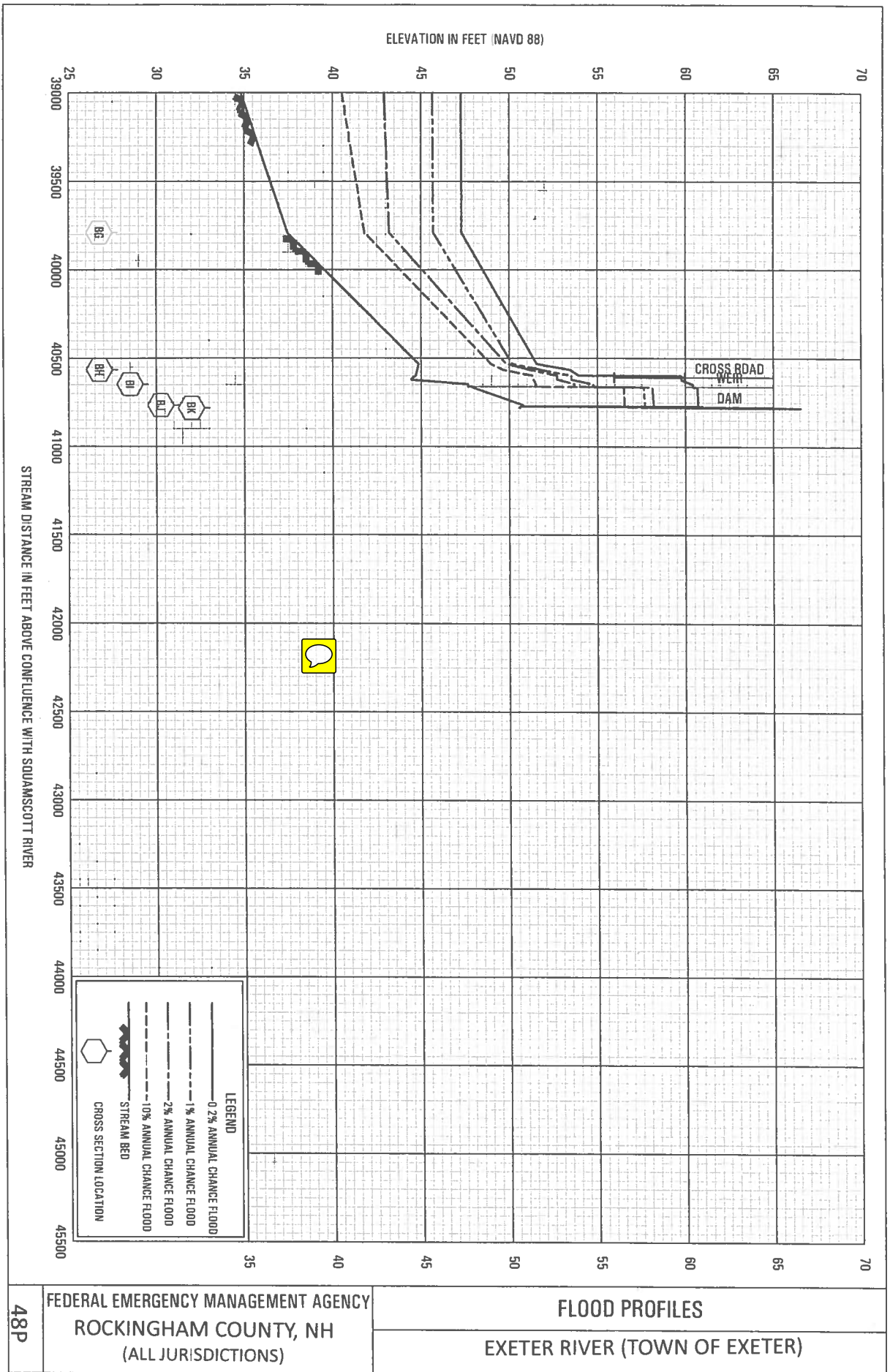
46P

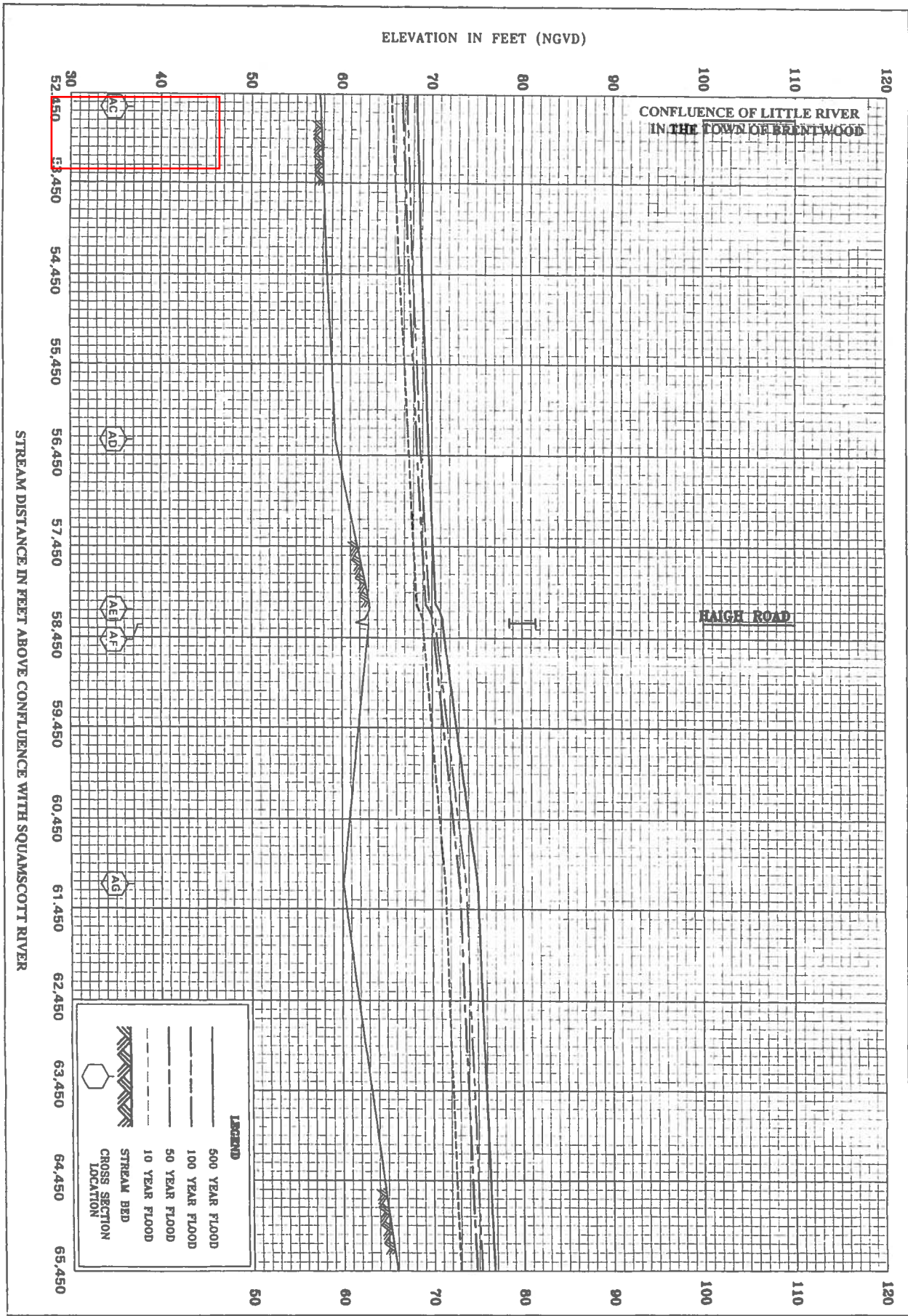


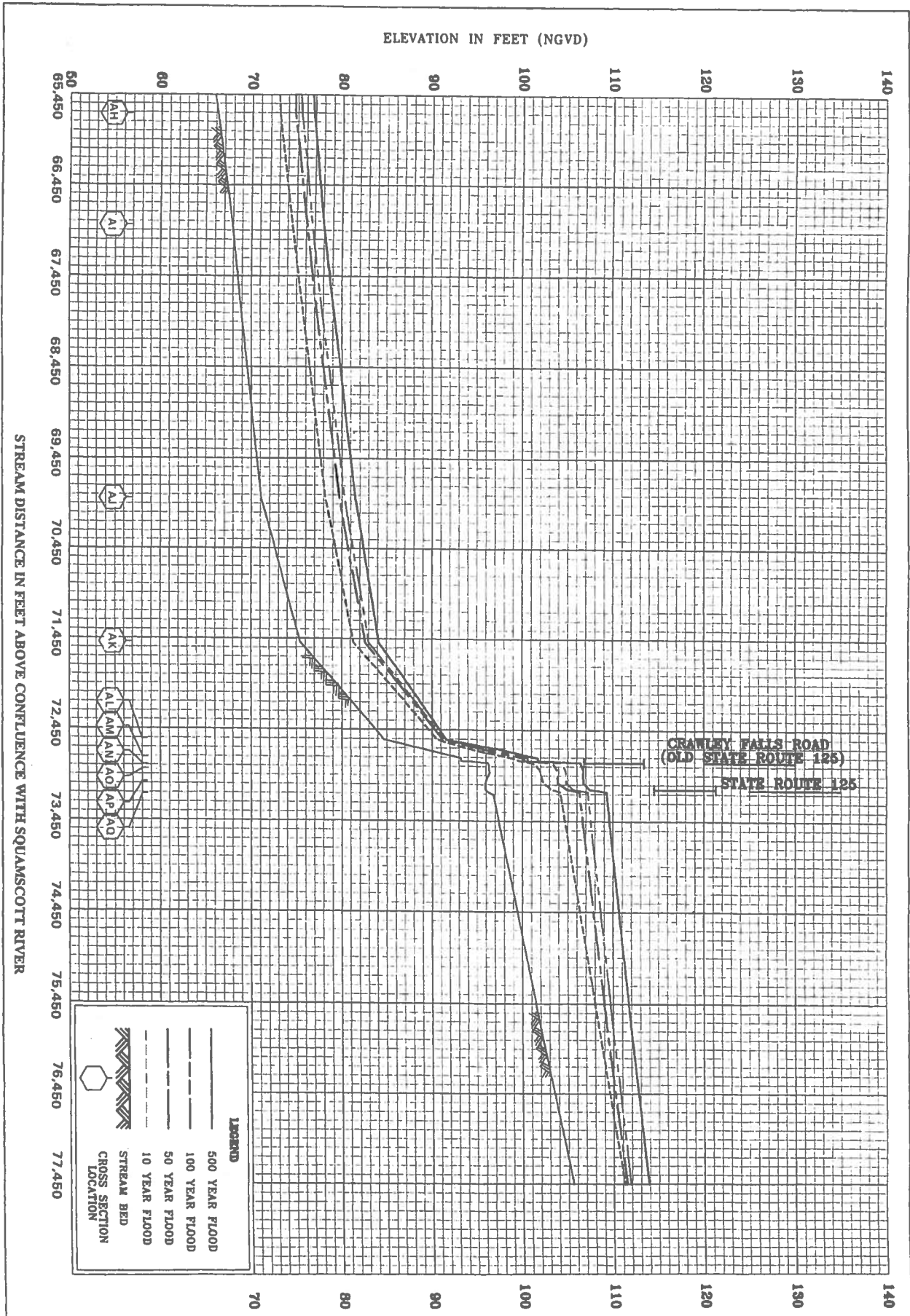
FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

47P

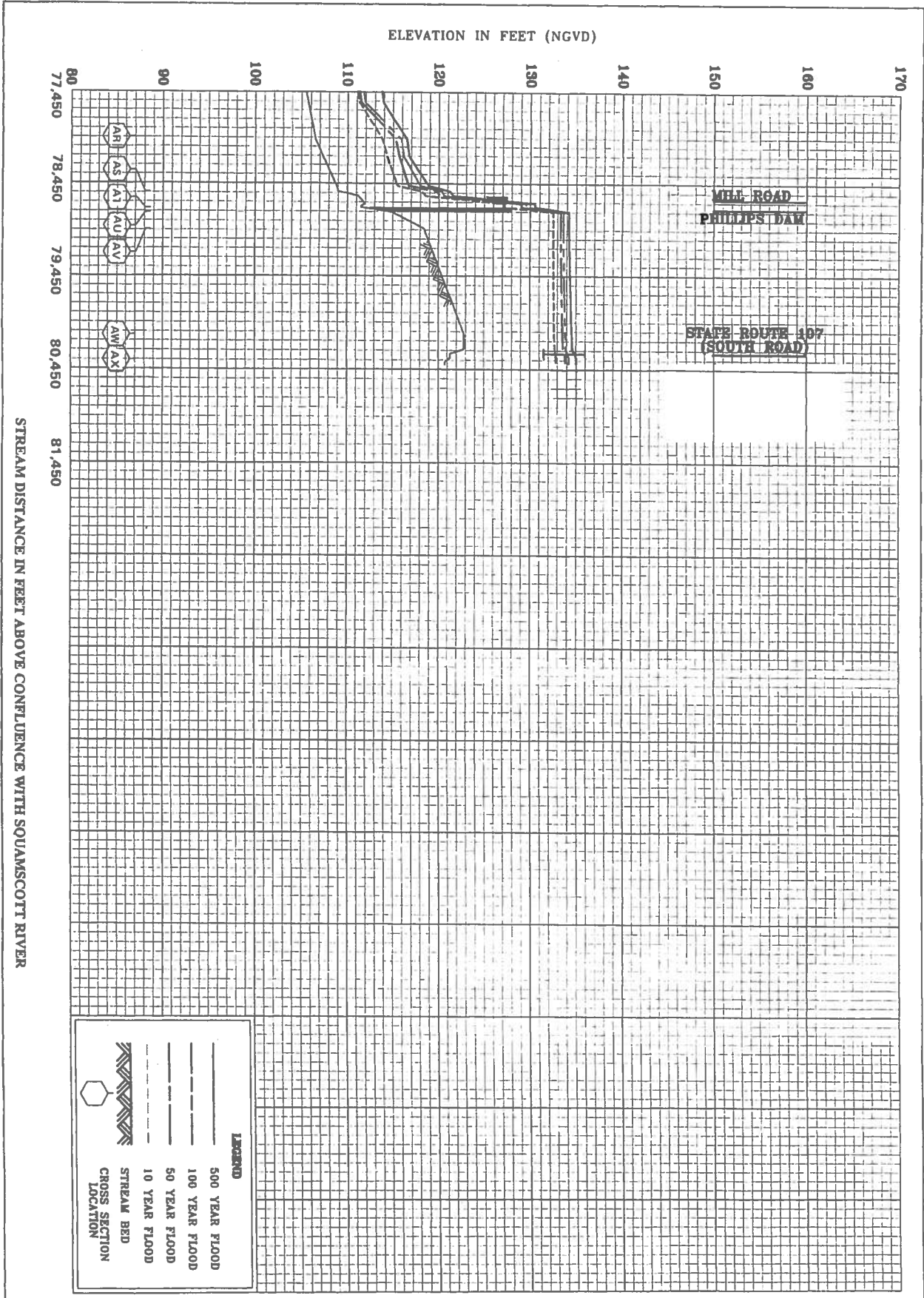
FLOOD PROFILES  
 EXETER RIVER (TOWN OF EXETER)



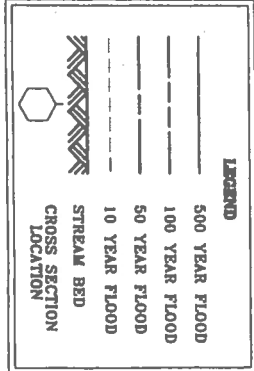


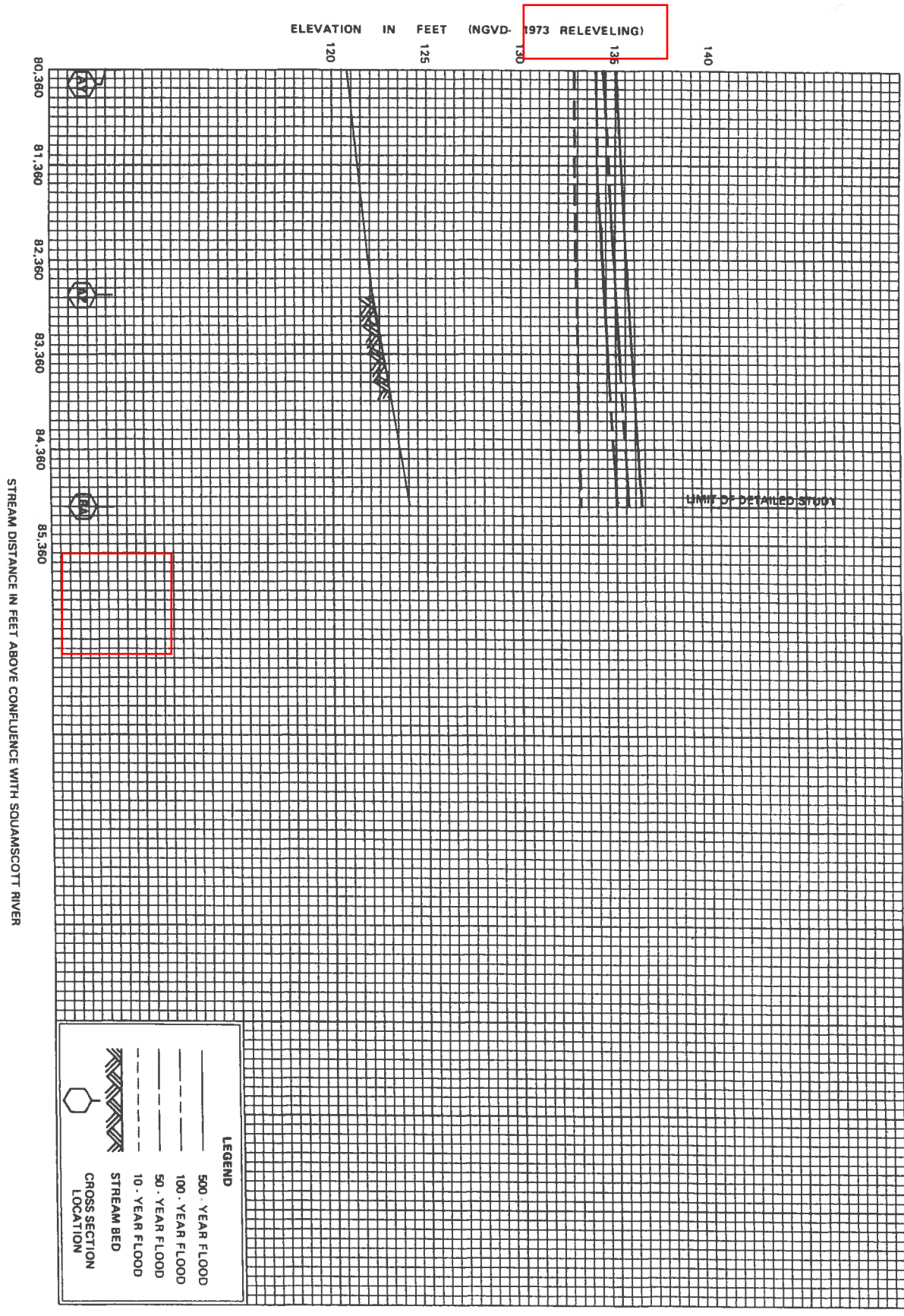






STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH SOUMASCOTT RIVER



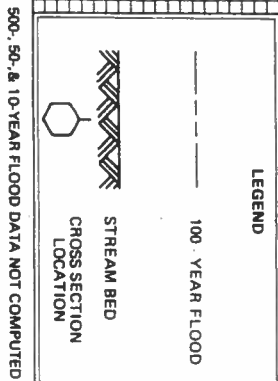
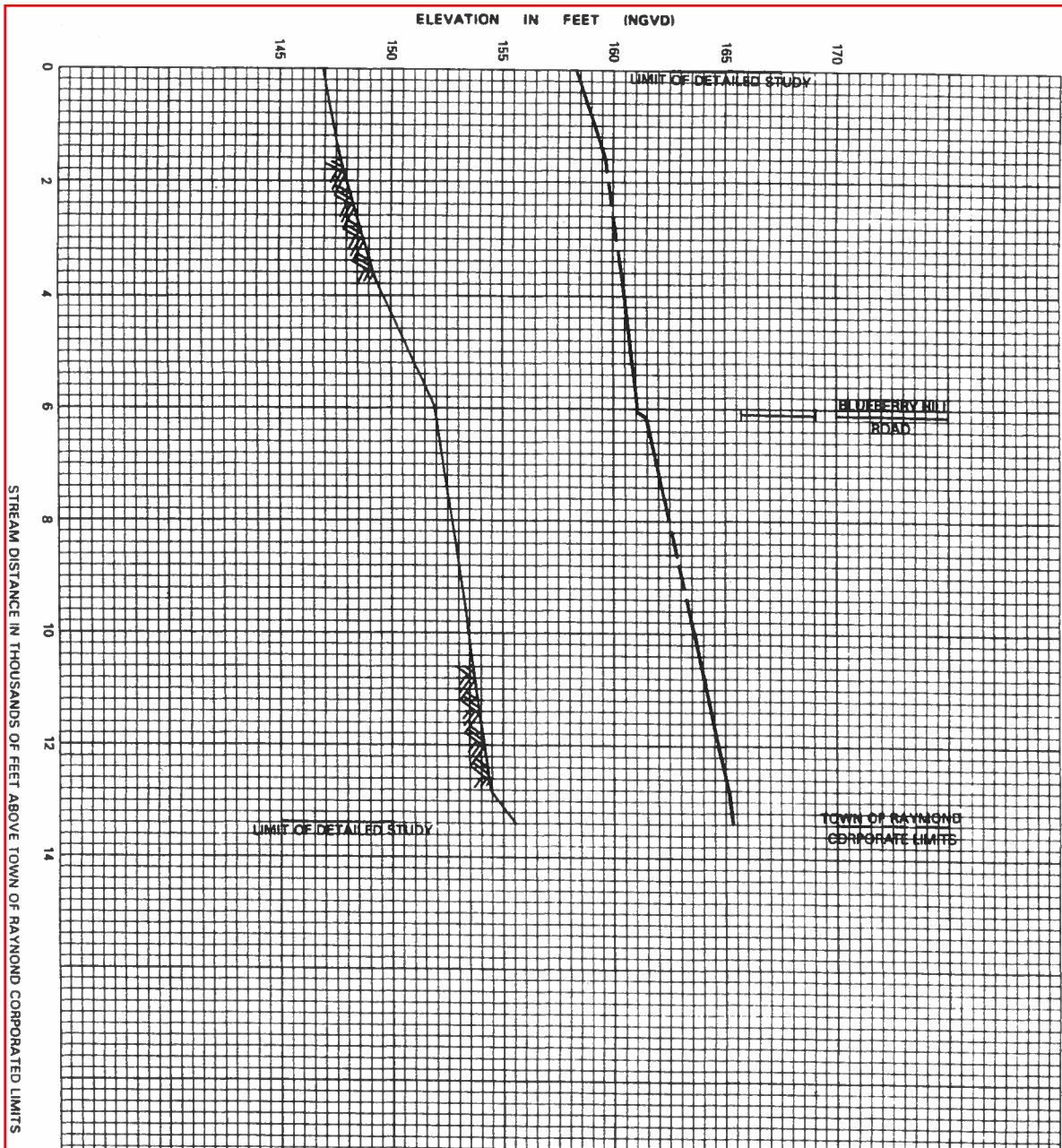


51AP

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**

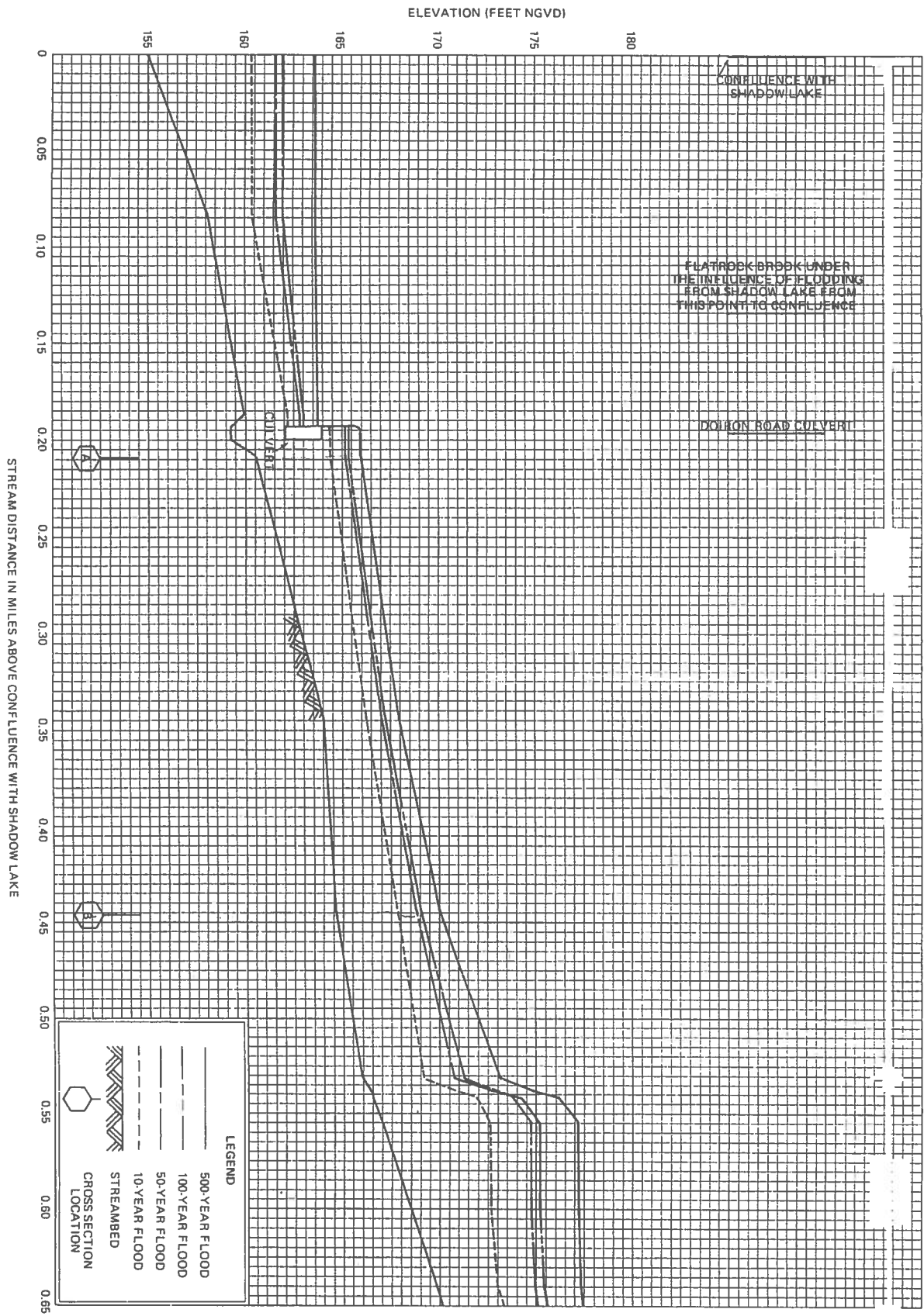
**EXETER RIVER**



51BP

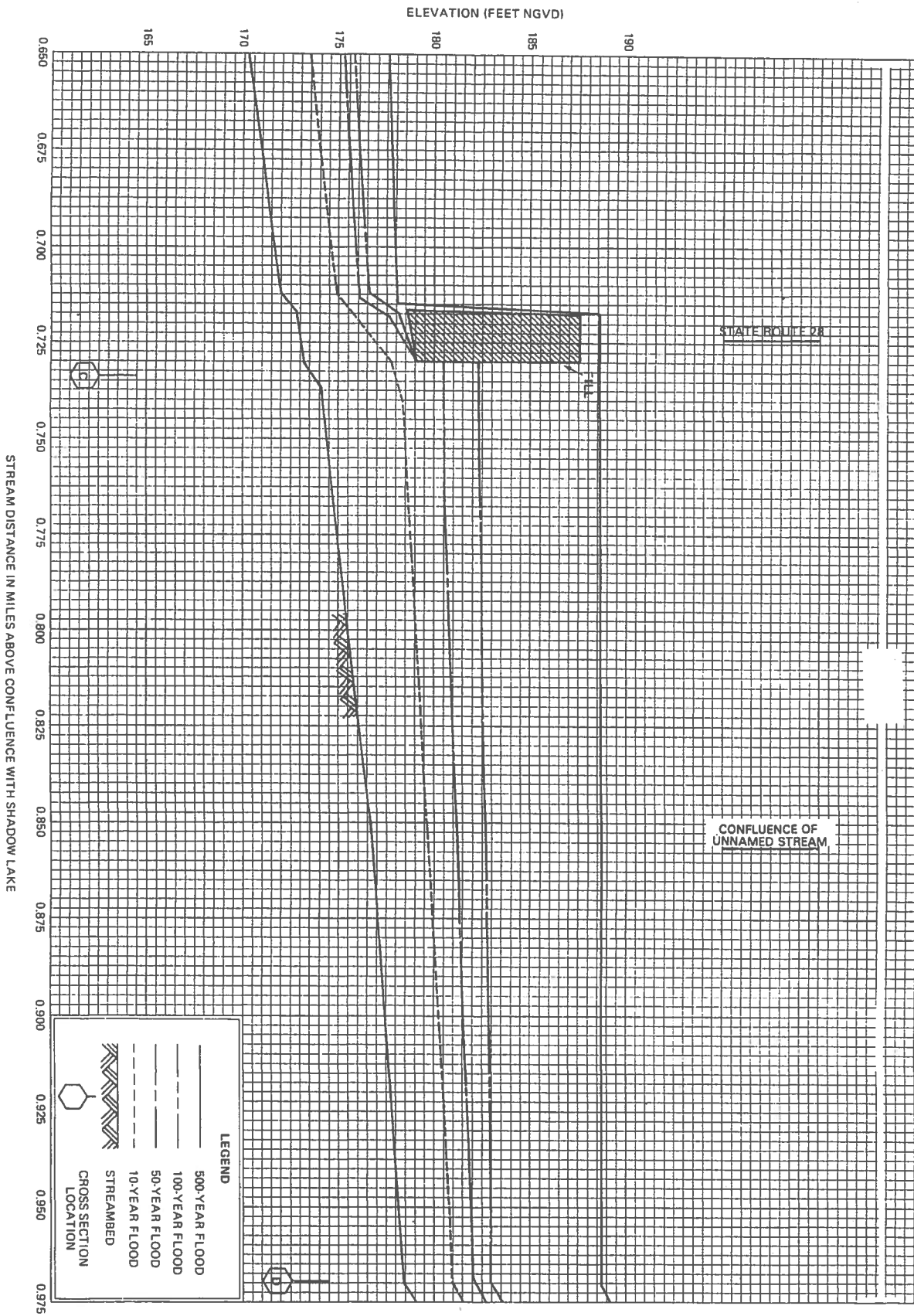
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

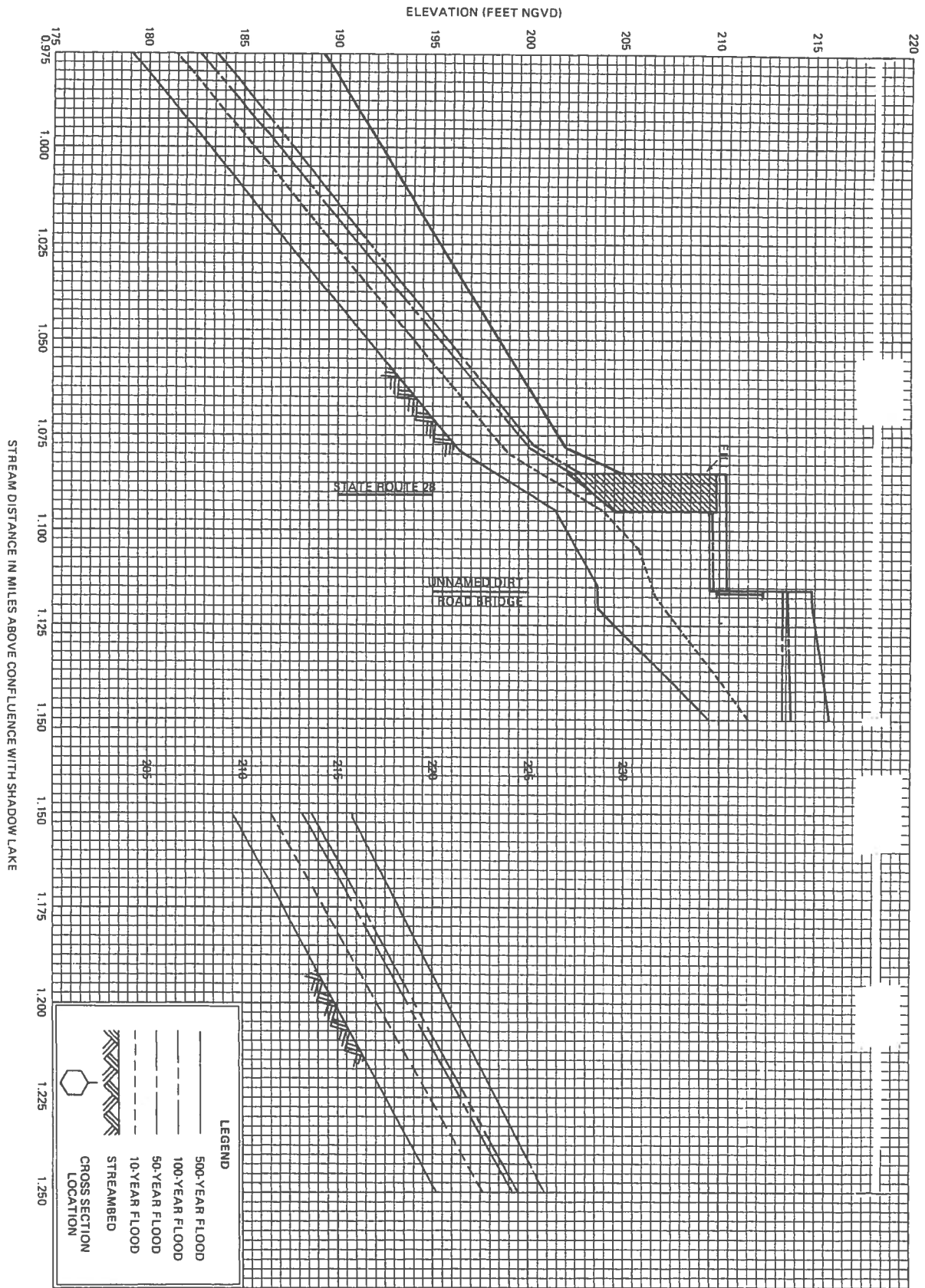
**FLOOD PROFILES**  
**EXETER RIVER**

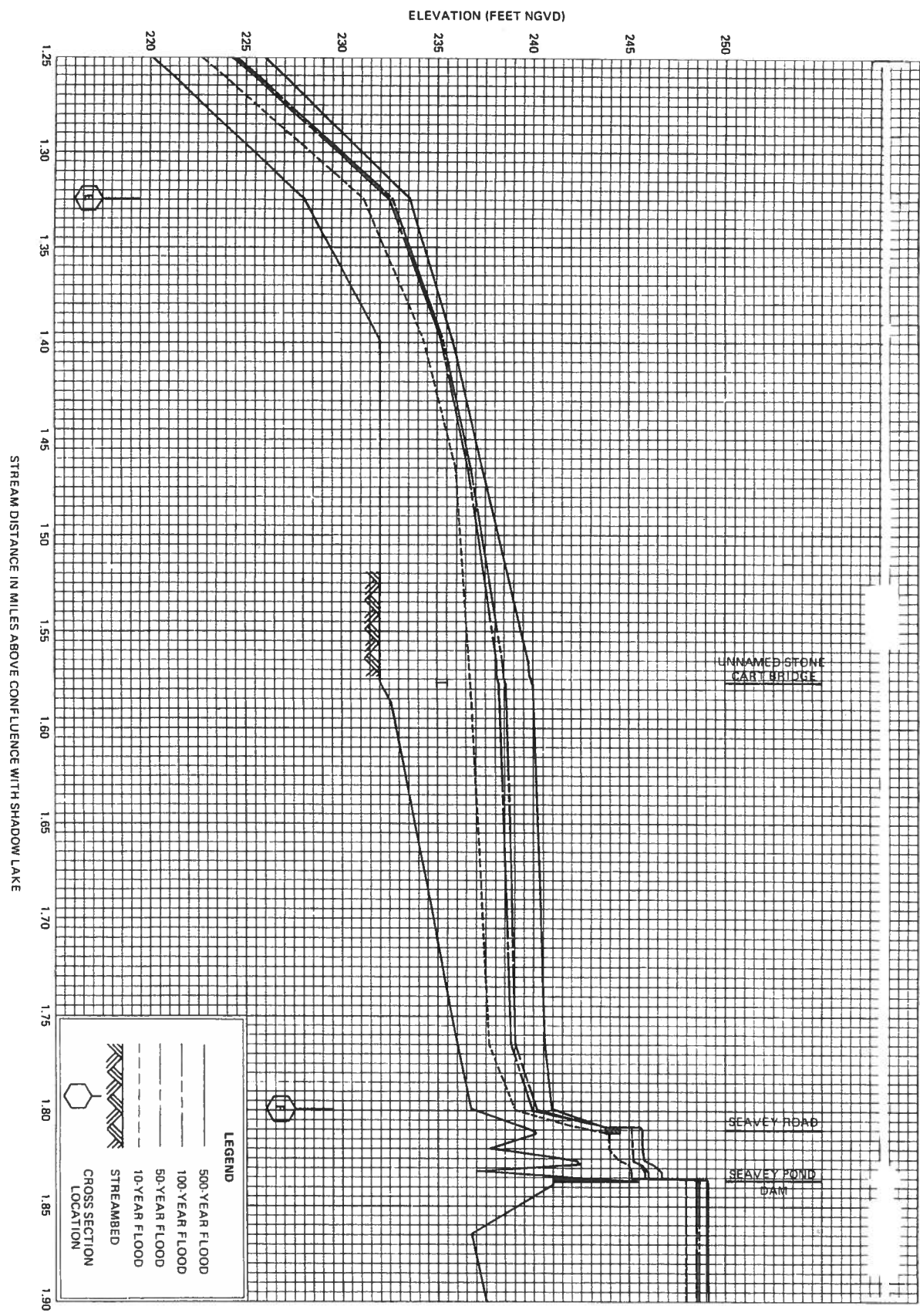


**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- · - · 50-YEAR FLOOD
- 10-YEAR FLOOD
- ▨ STREAMBED
- CROSS SECTION LOCATION







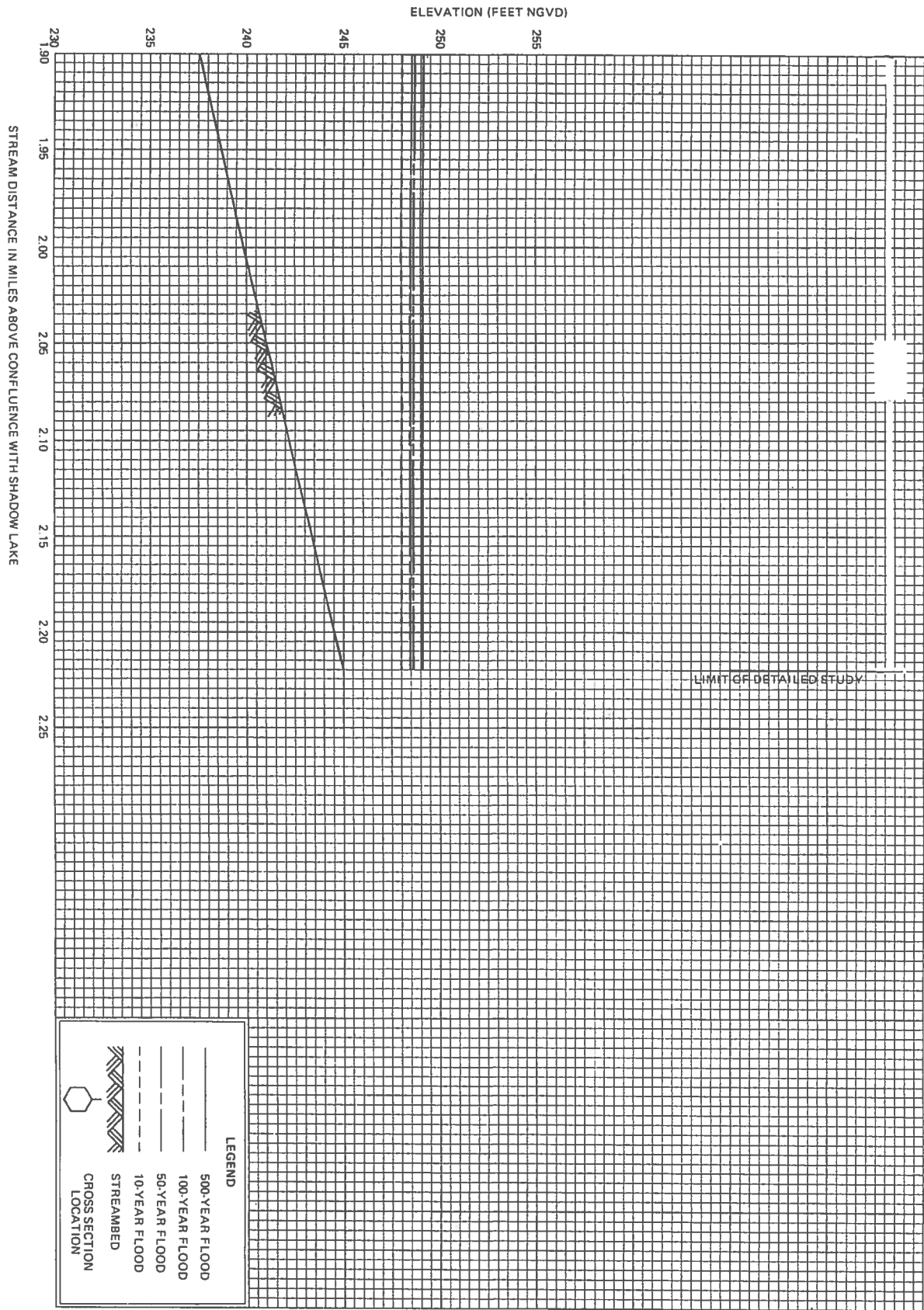
**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- · - · 50-YEAR FLOOD
- · · · 10-YEAR FLOOD
- STREAMBED
- CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**FLATROCK BROOK**

S&P



FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**FLATROCK BROOK**





57P

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**GOLDEN BROOK**



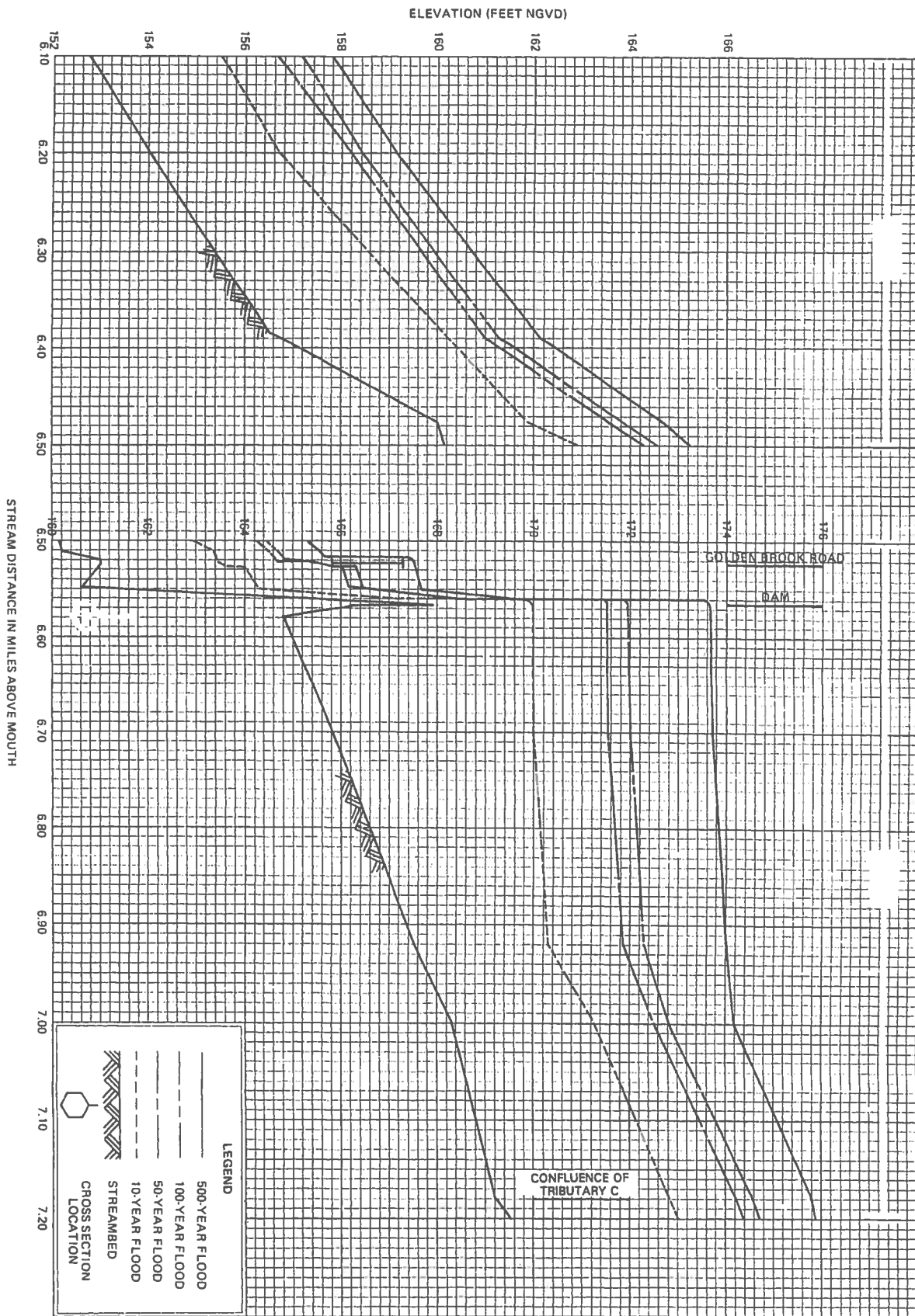
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**GOLDEN BROOK**

58P

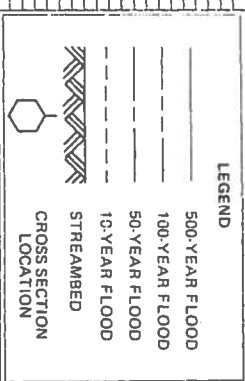
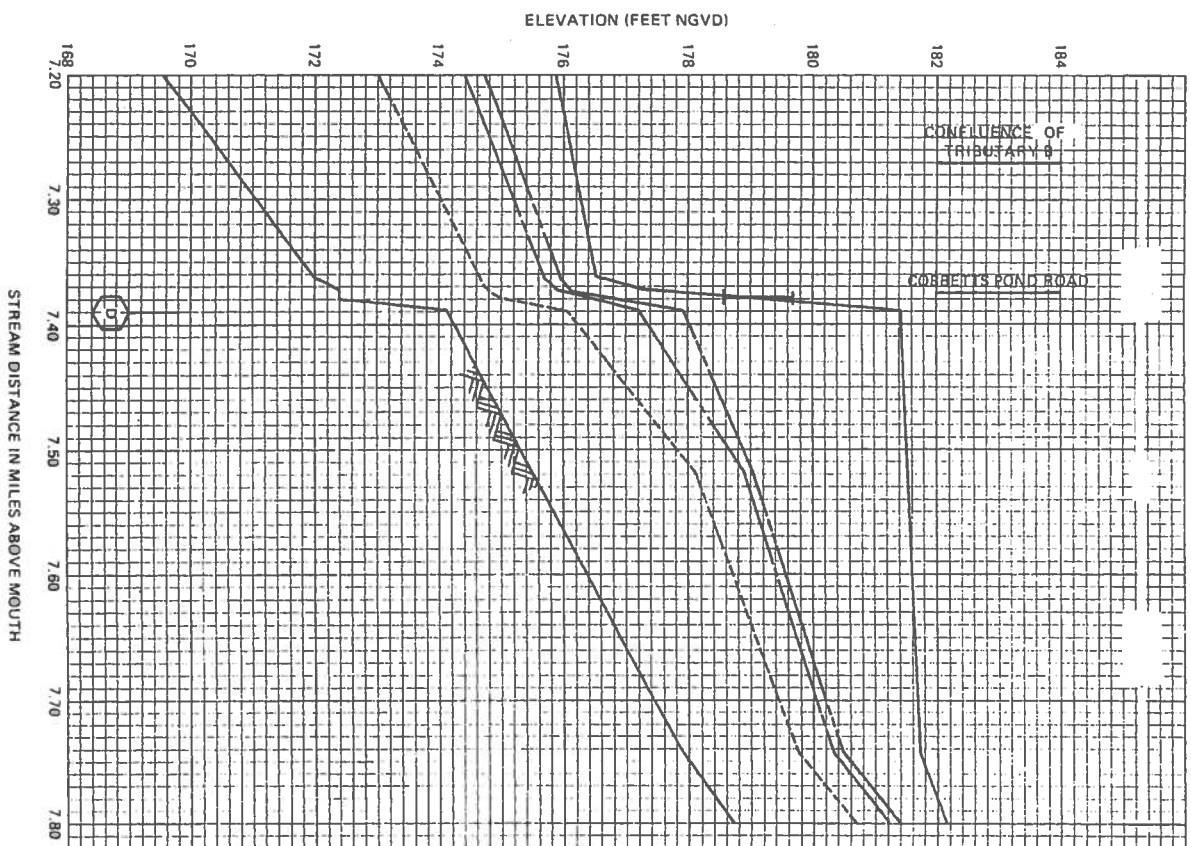


FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**GOLDEN BROOK**



FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**GOLDEN BROOK**

60P

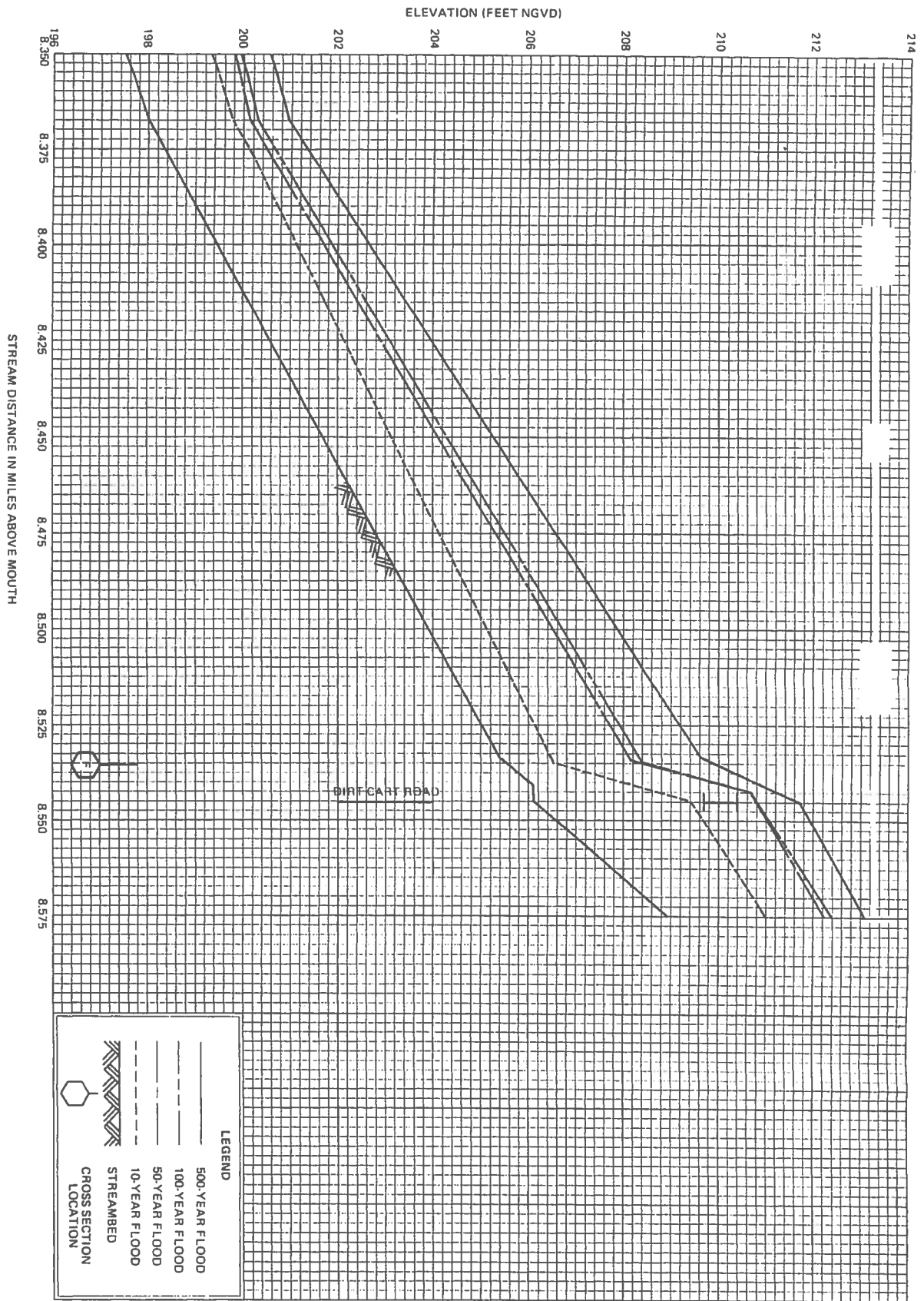


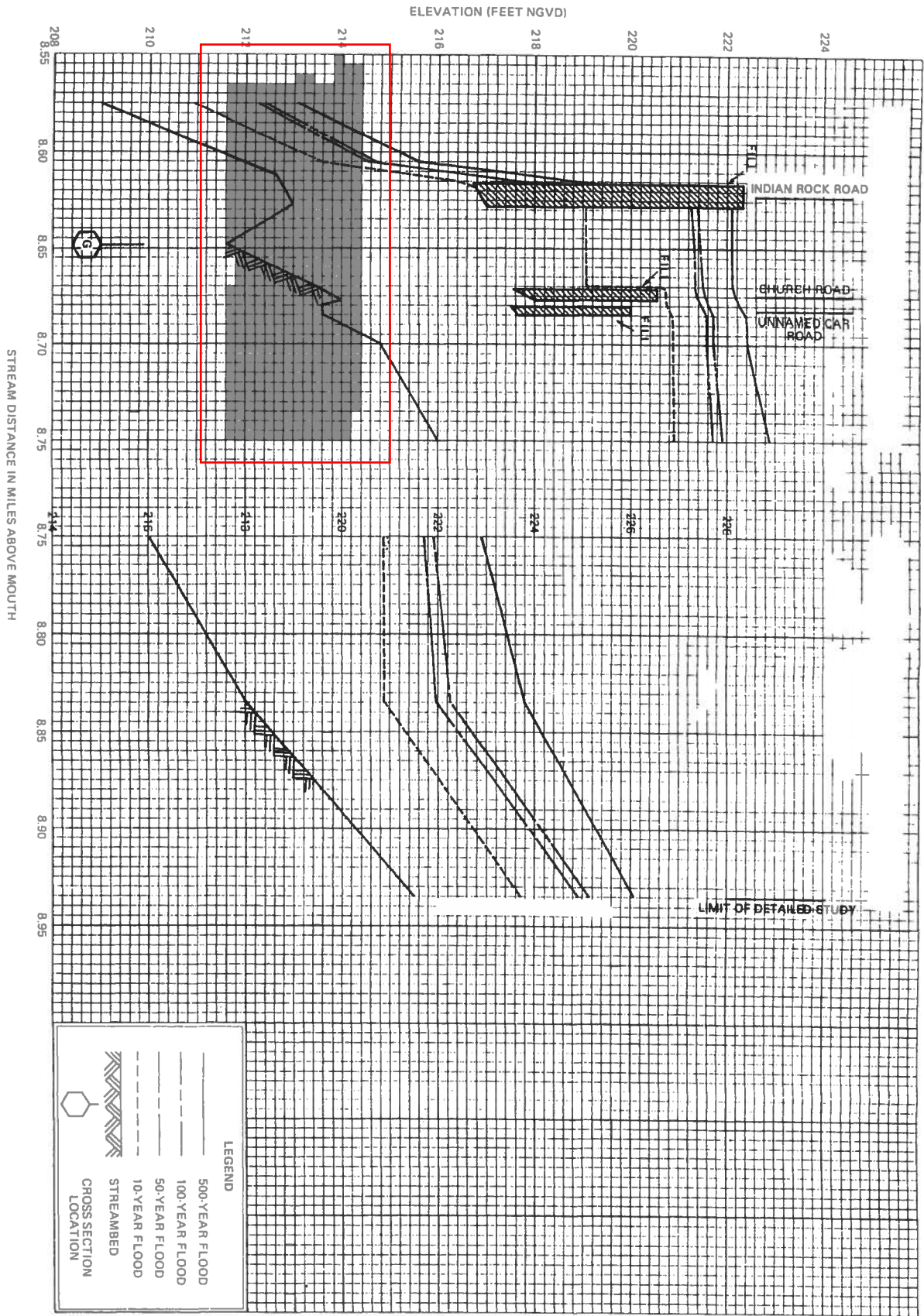
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**GOLDEN BROOK**



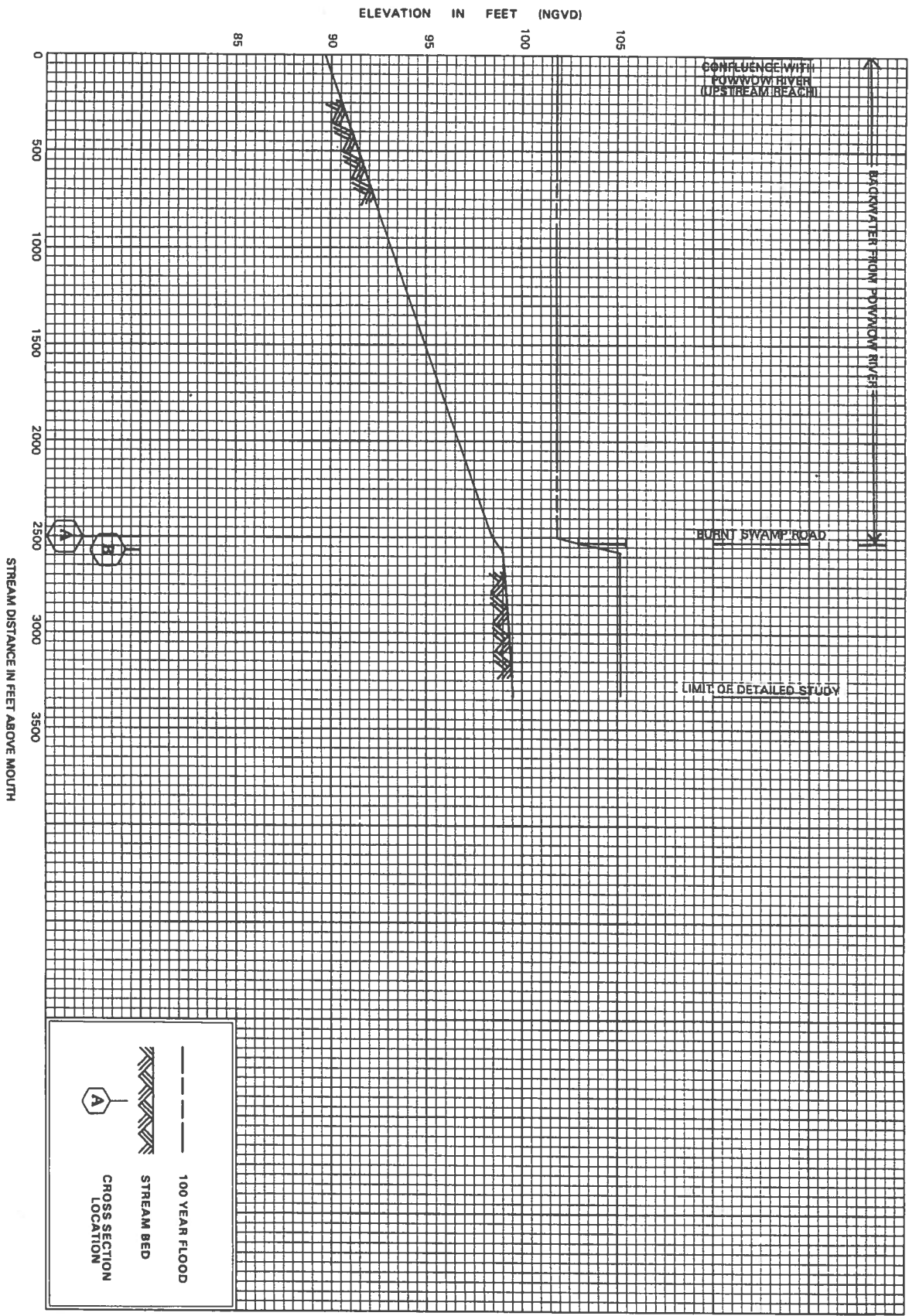


FEDERAL EMERGENCY MANAGEMENT AGENCY

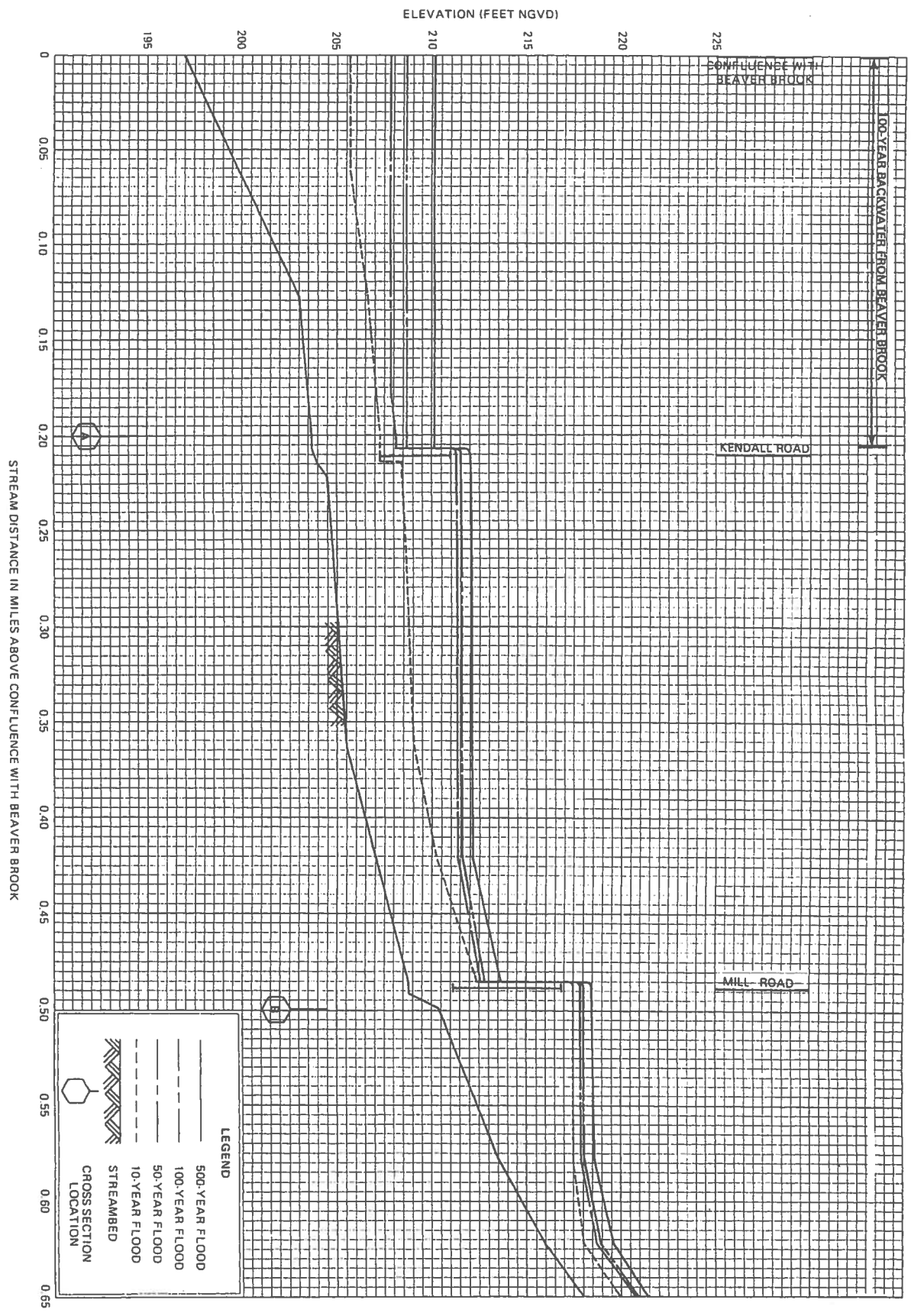
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**GOLDEN BROOK**







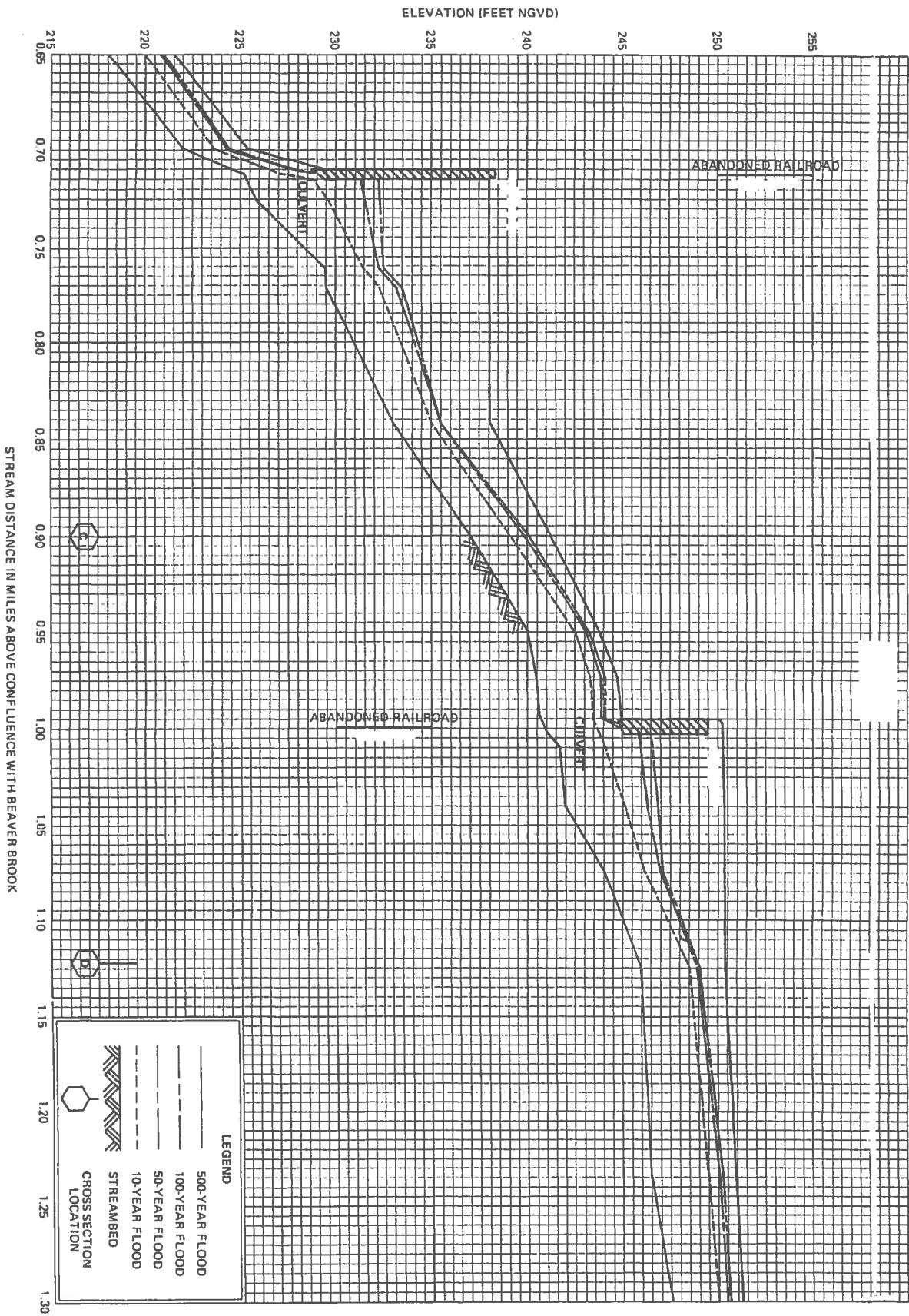
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

65P

**FLOOD PROFILES**

**HIDDEN VALLEY BROOK**

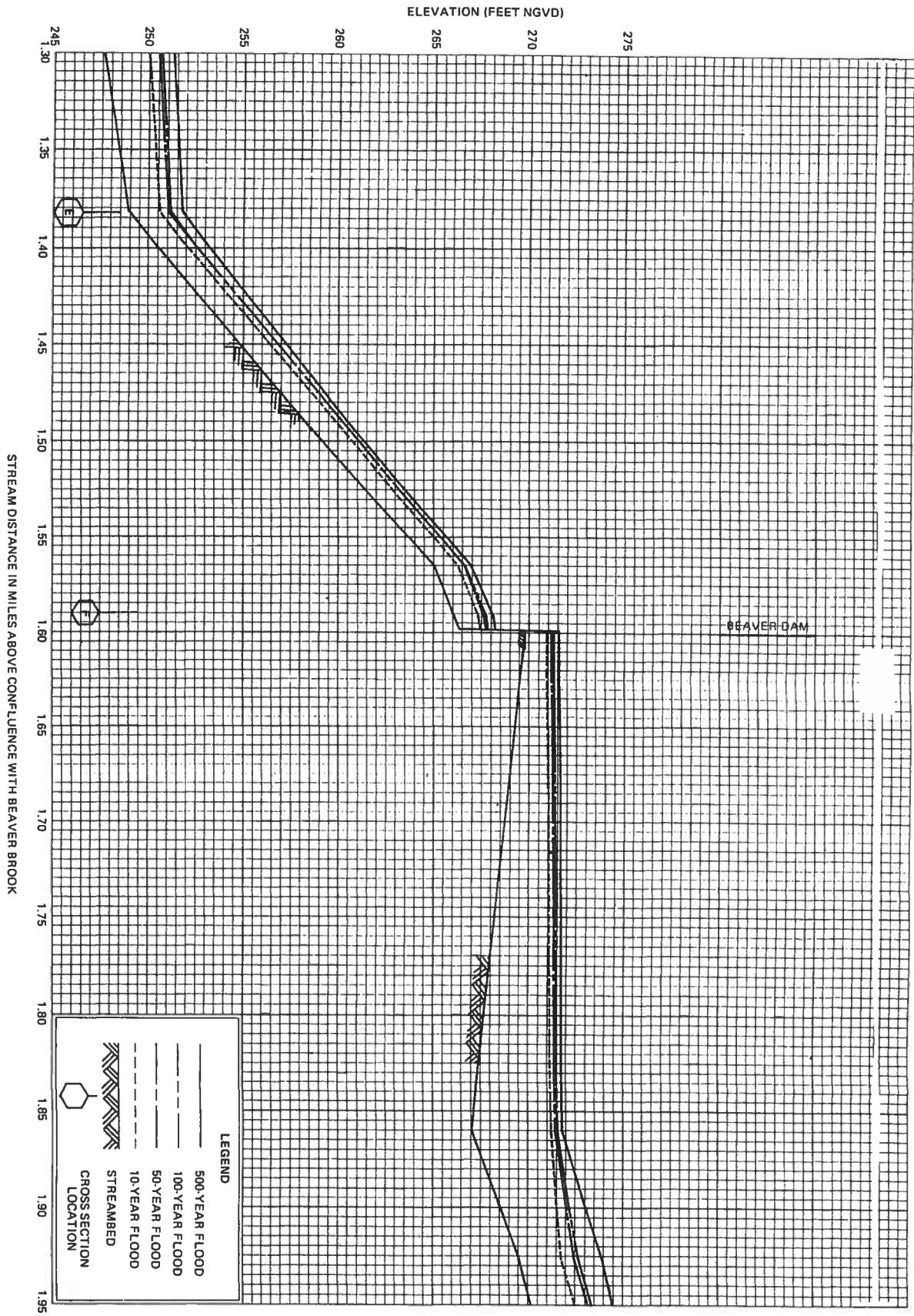


FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**HIDDEN VALLEY BROOK**

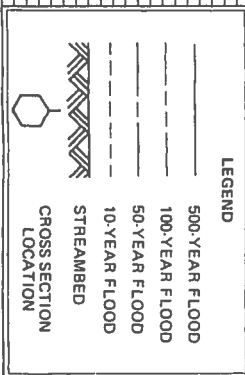
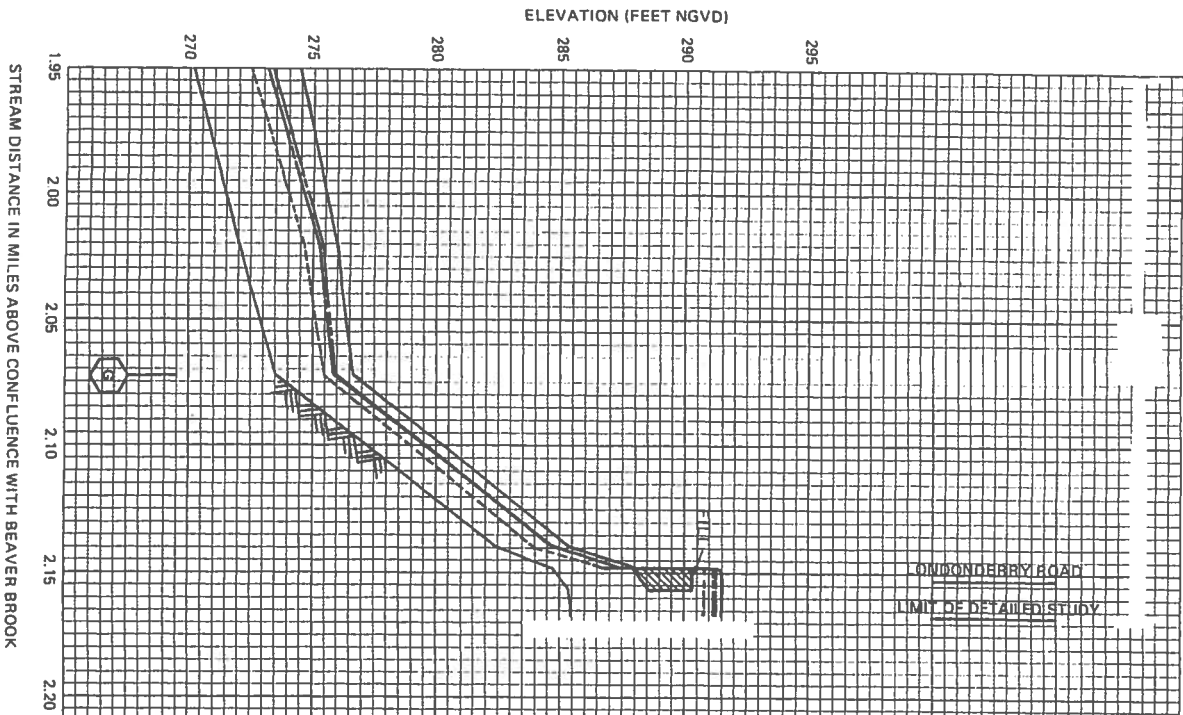


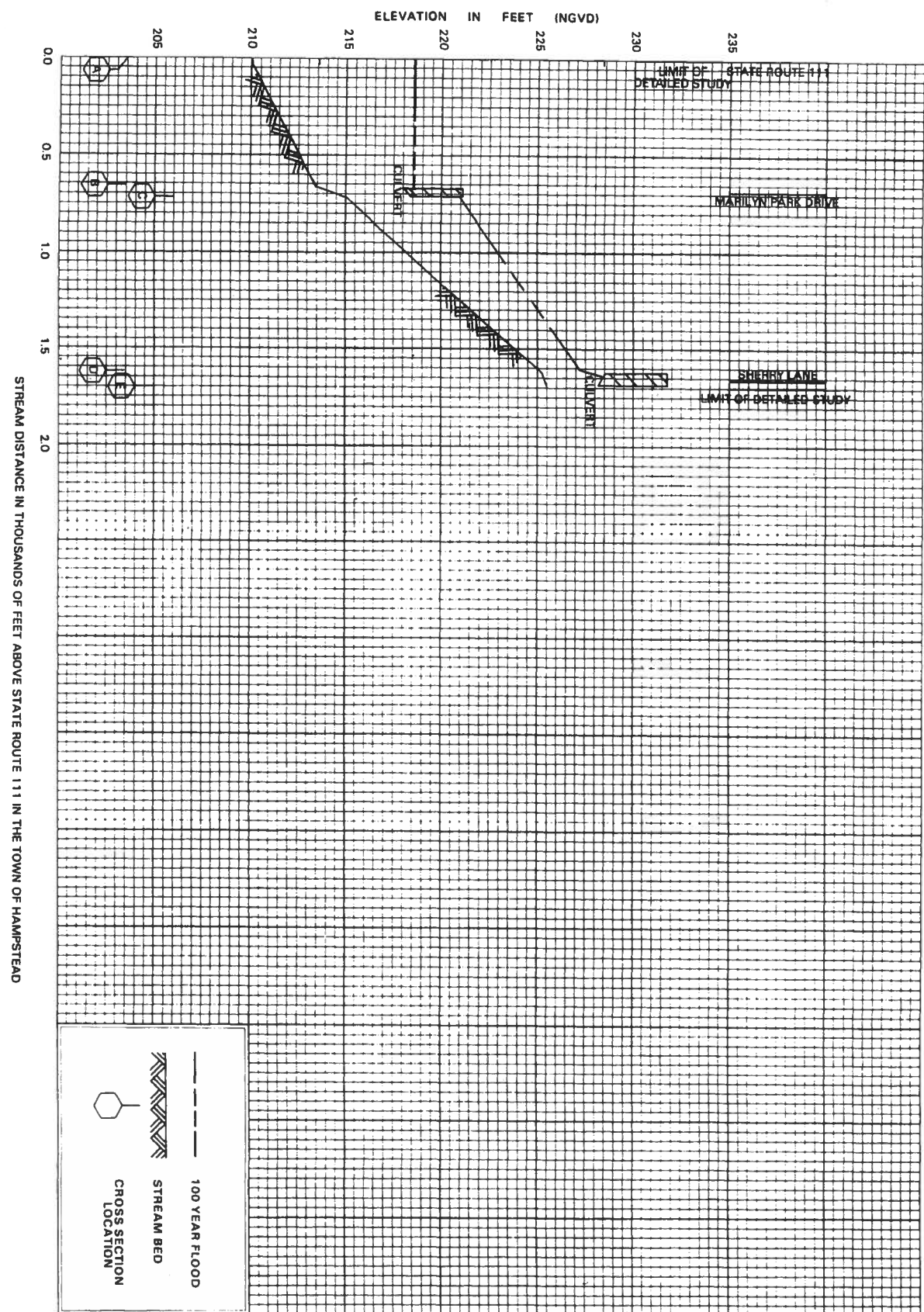
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

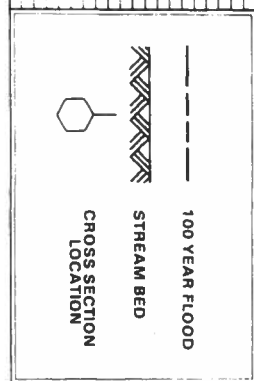
**FLOOD PROFILES**

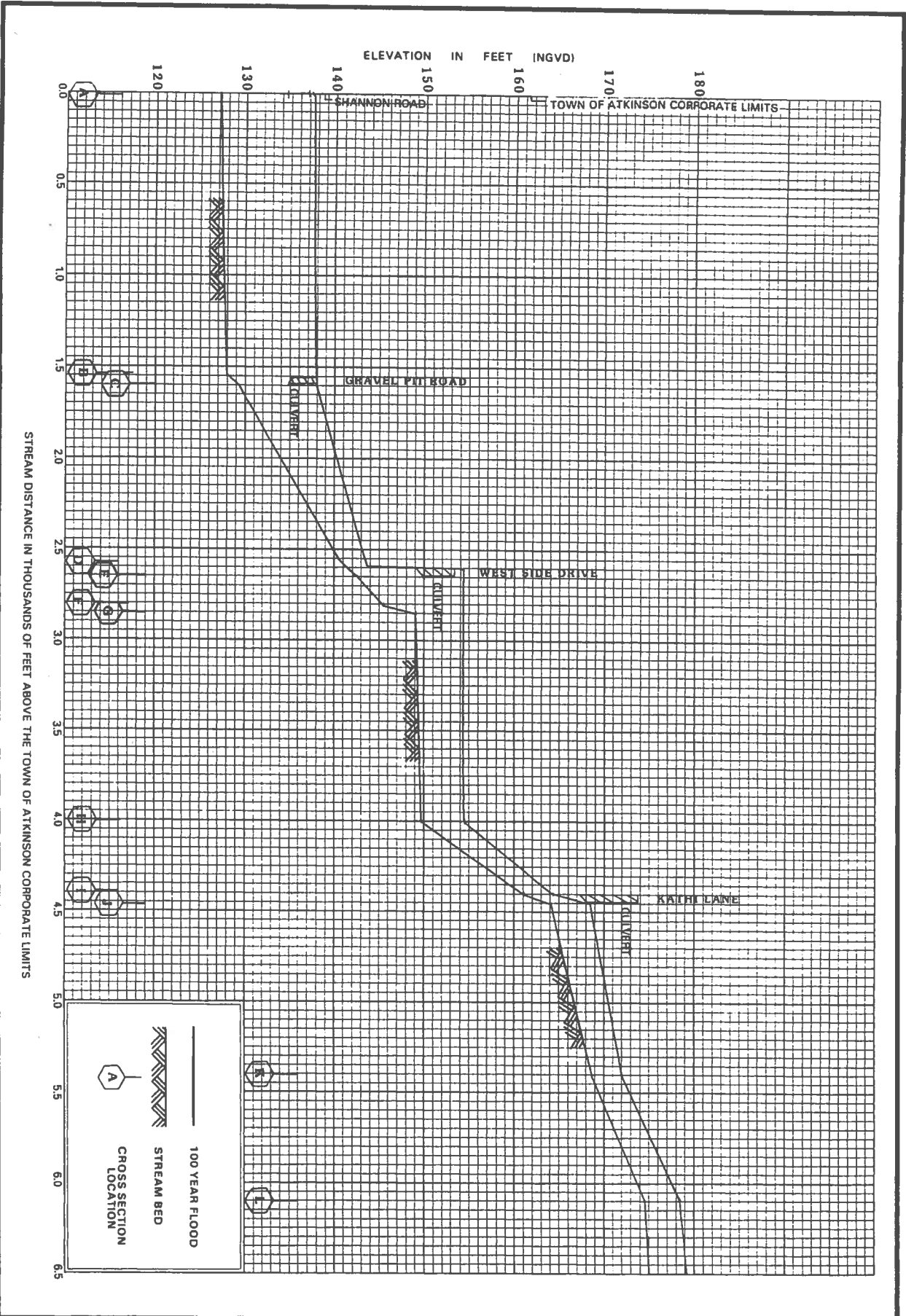
**HIDDEN VALLEY BROOK**





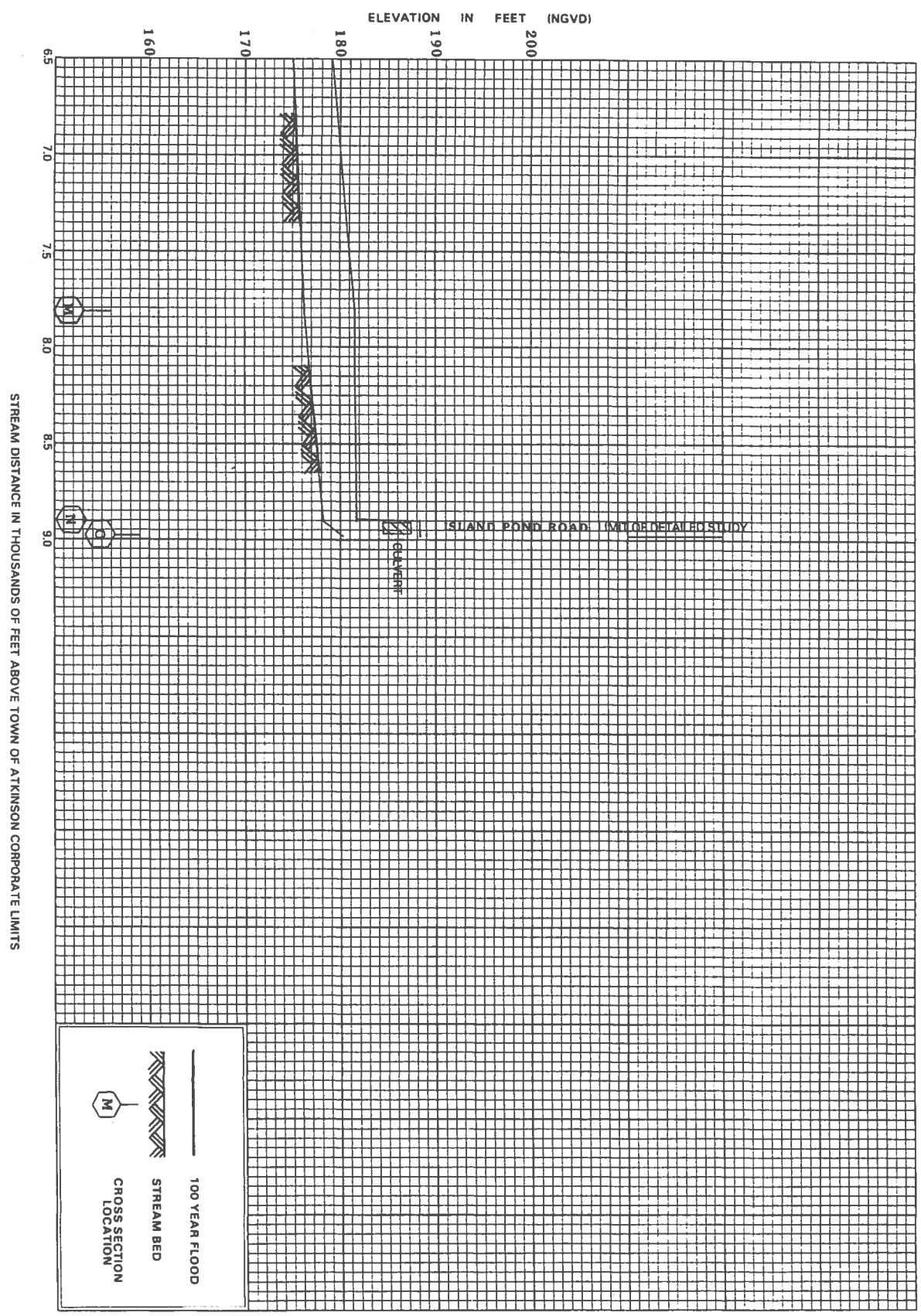
STREAM DISTANCE IN THOUSANDS OF FEET ABOVE STATE ROUTE 111 IN THE TOWN OF HAMPSHIRE



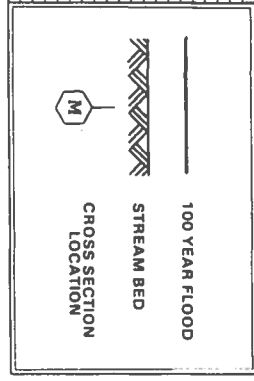


FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
 HOG HILL BROOK

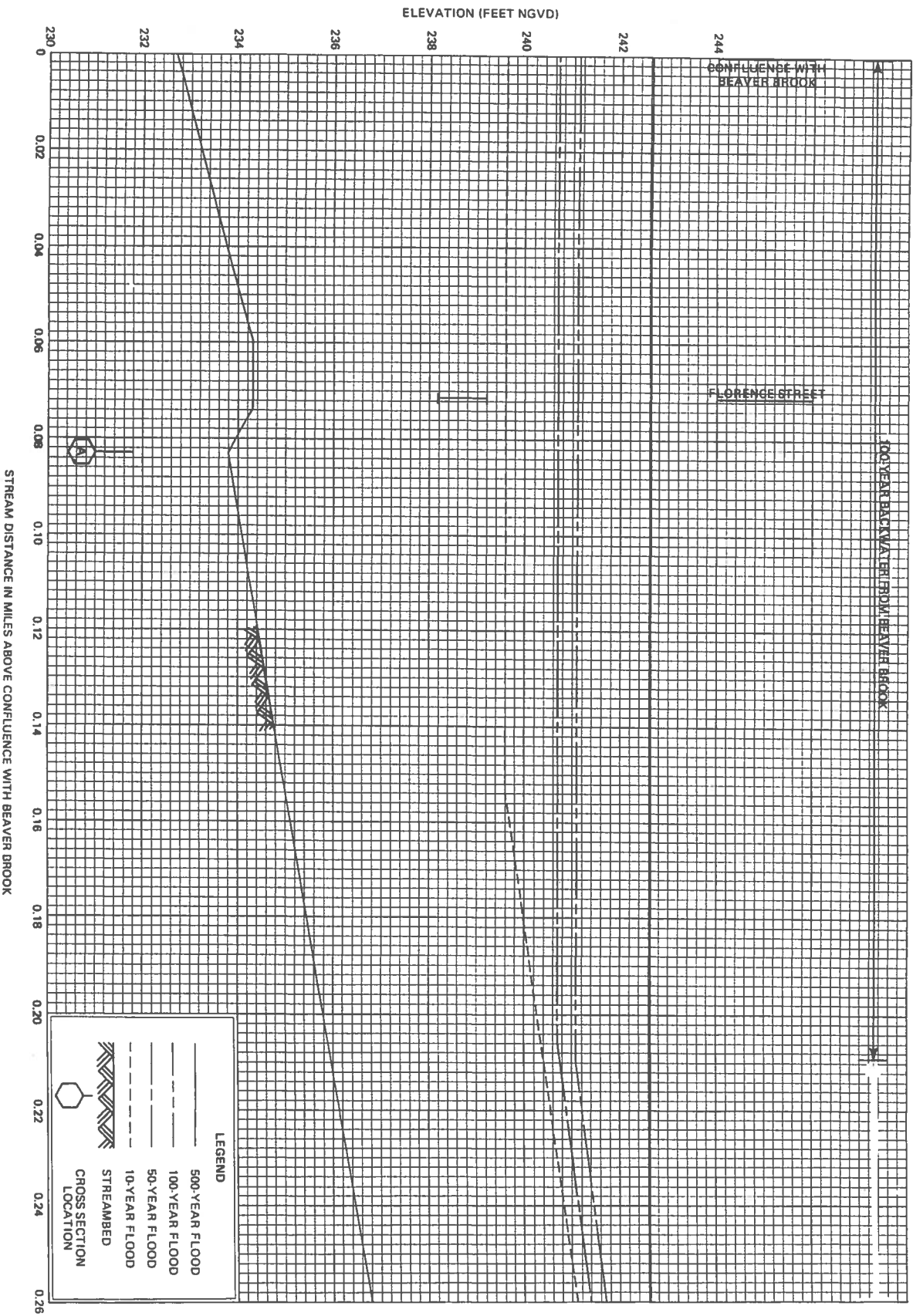


STREAM DISTANCE IN THOUSANDS OF FEET ABOVE TOWN OF ATKINSON CORPORATE LIMITS



FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
 HOG HILL BROOK



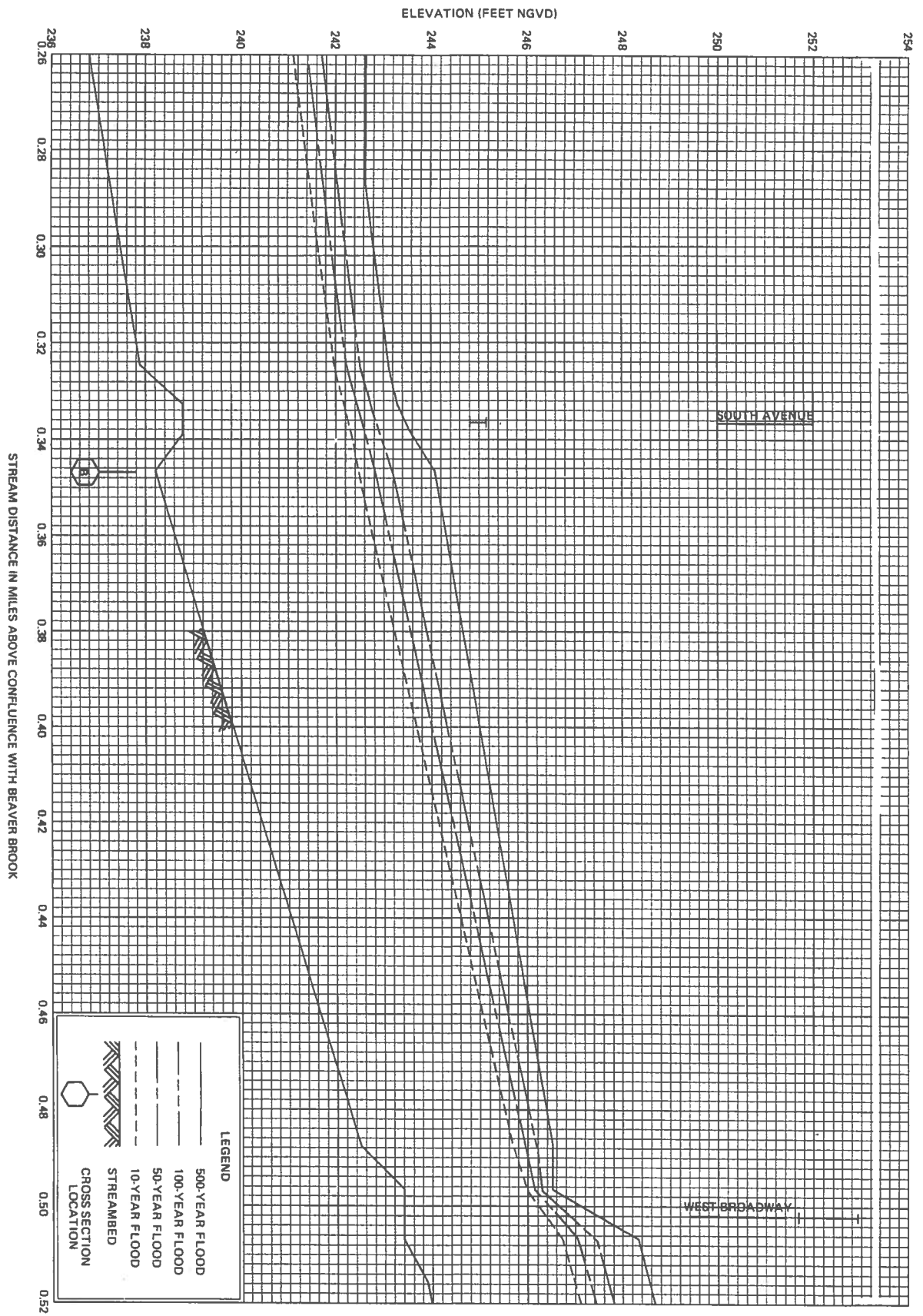
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

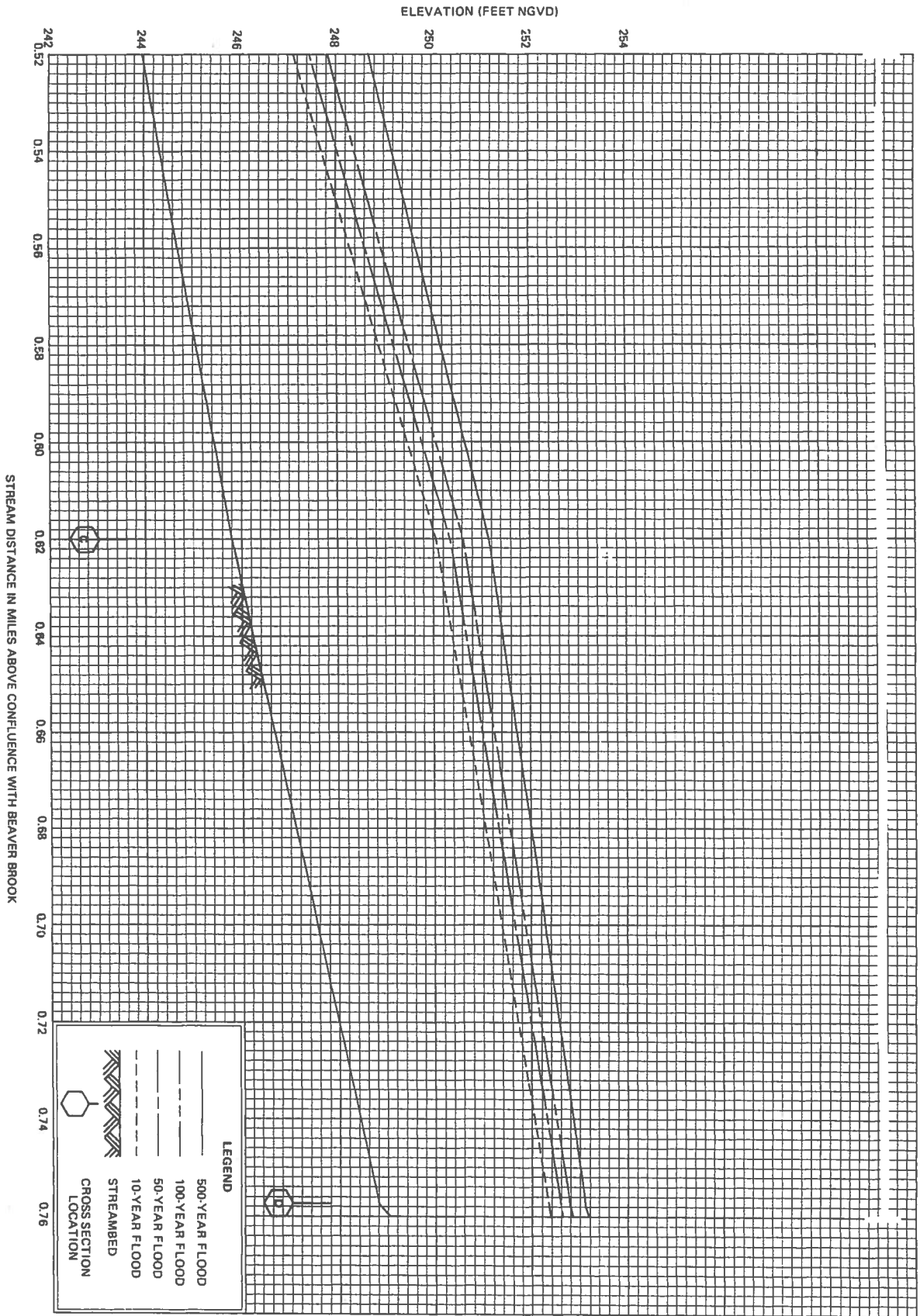
**HORNES BROOK**

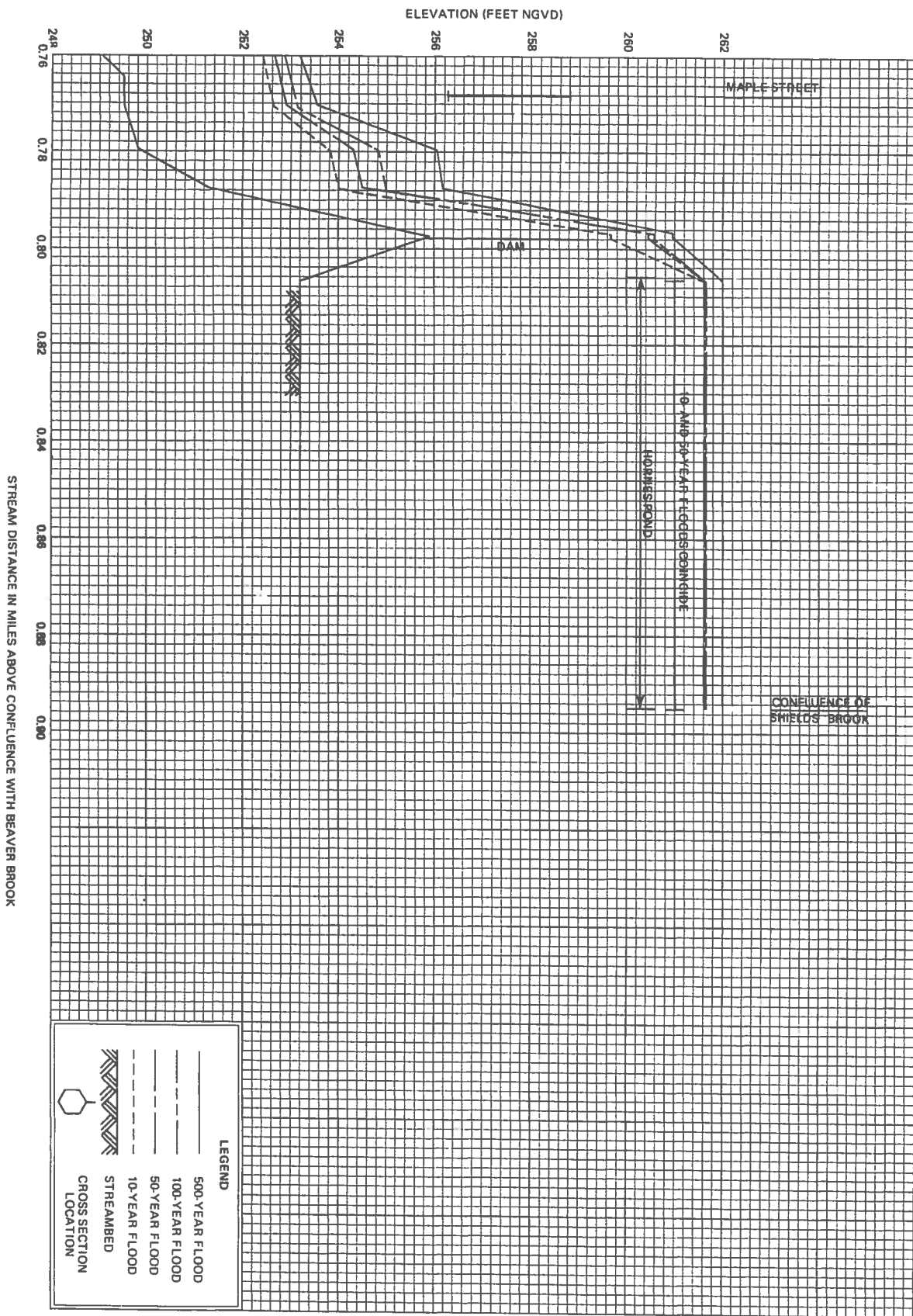


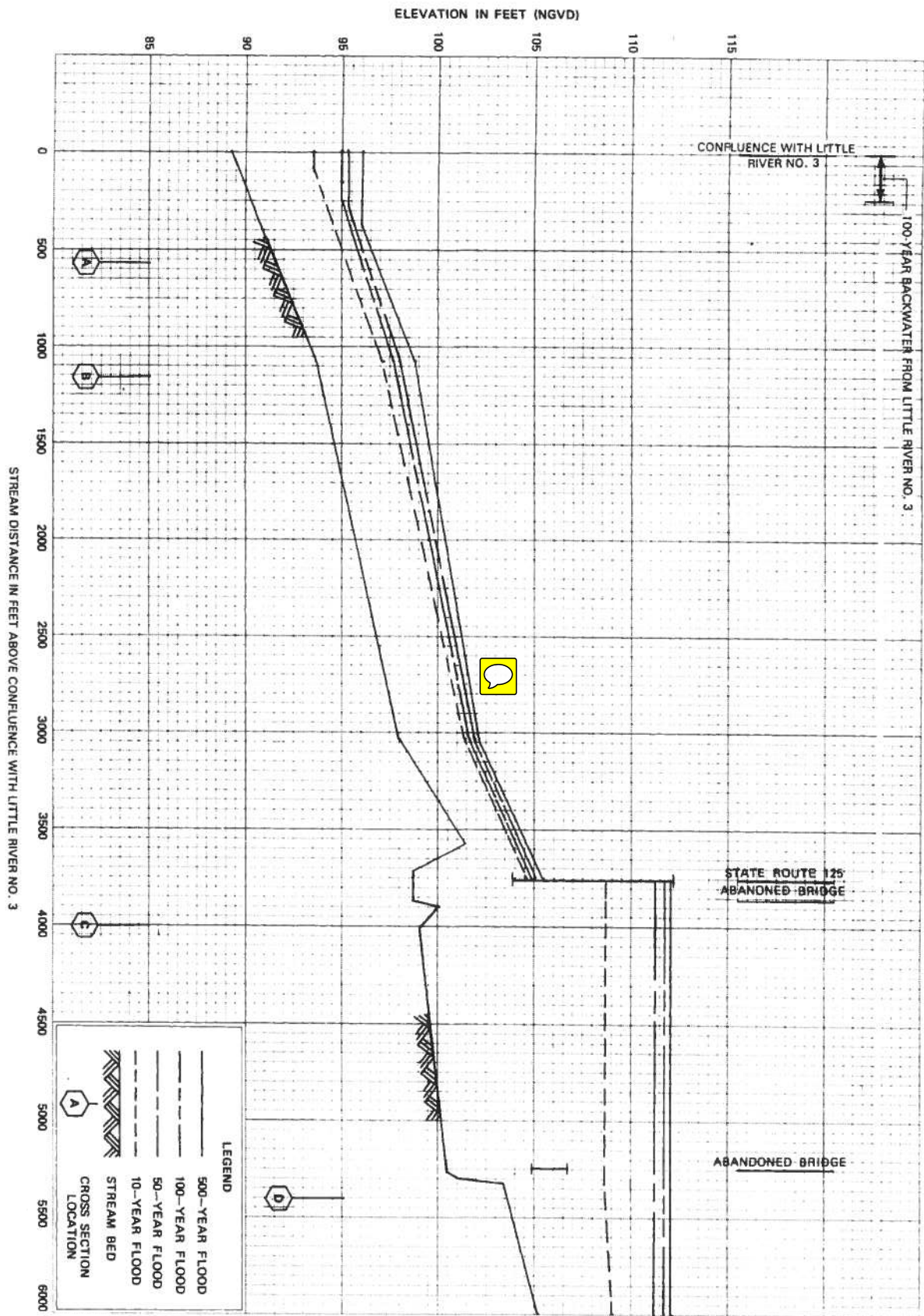


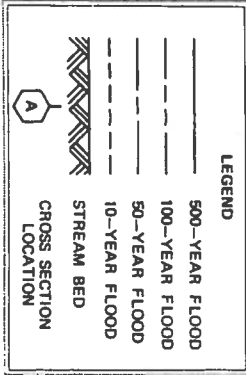
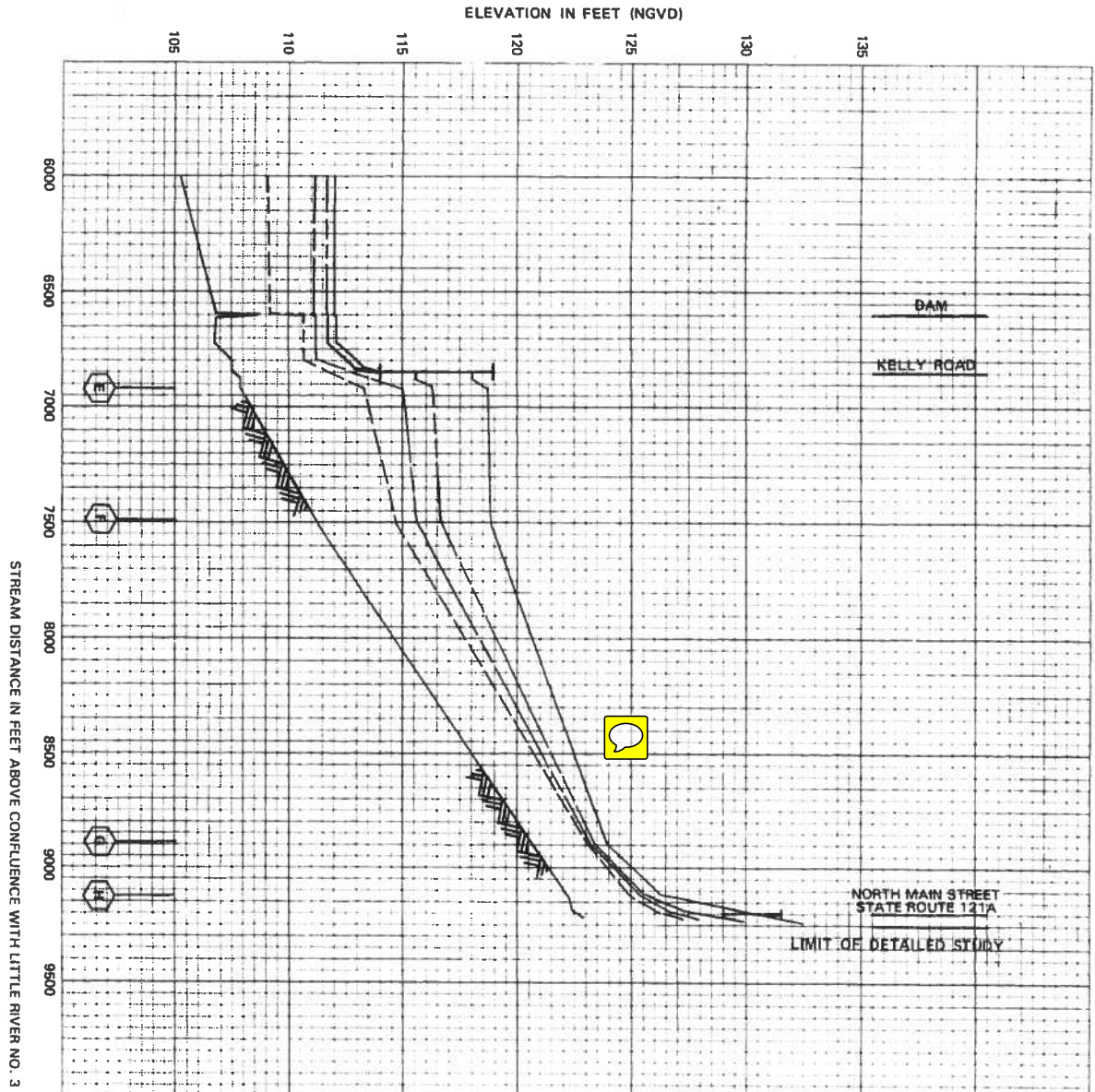
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

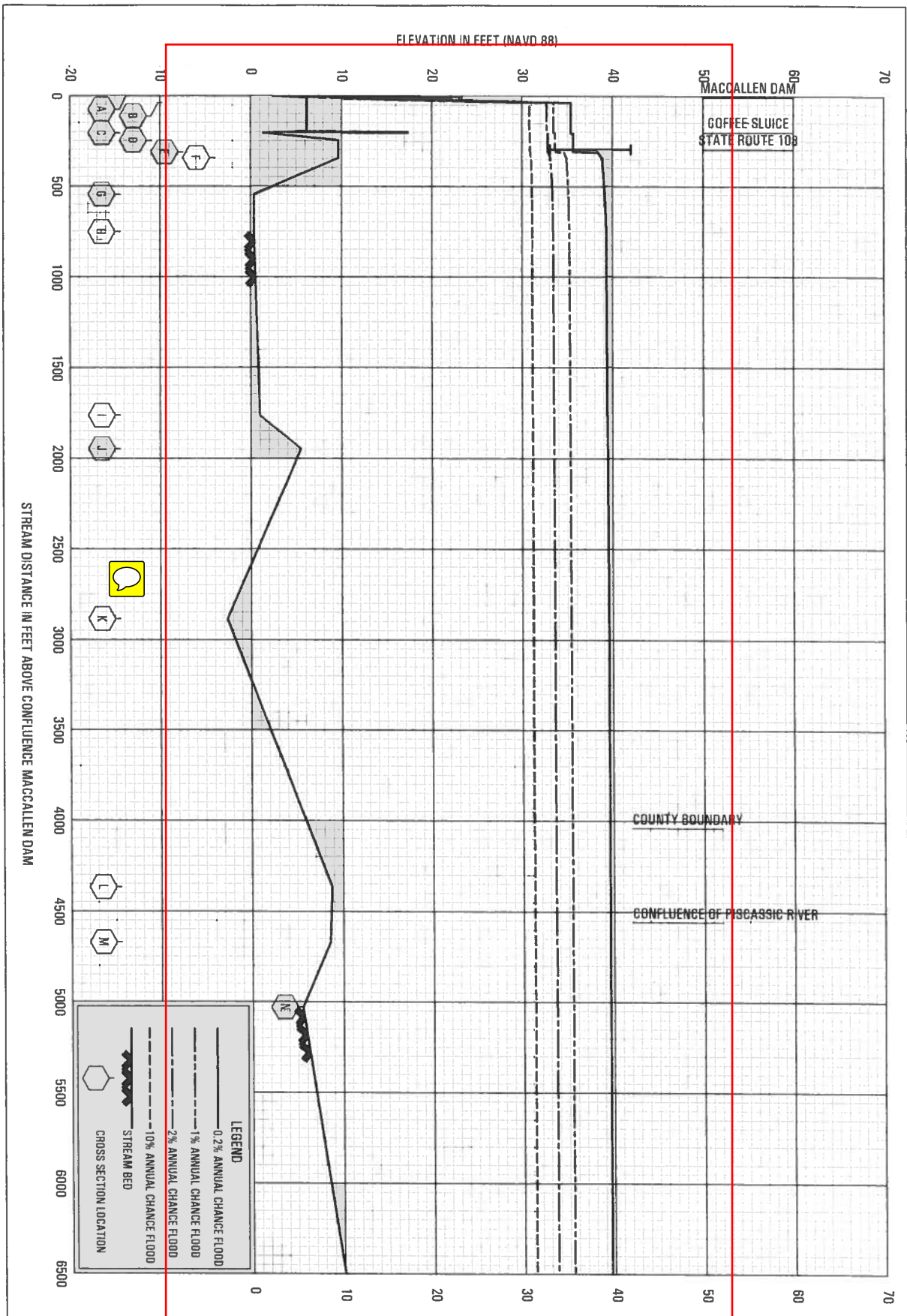
**FLOOD PROFILES**  
**HORNES BROOK**

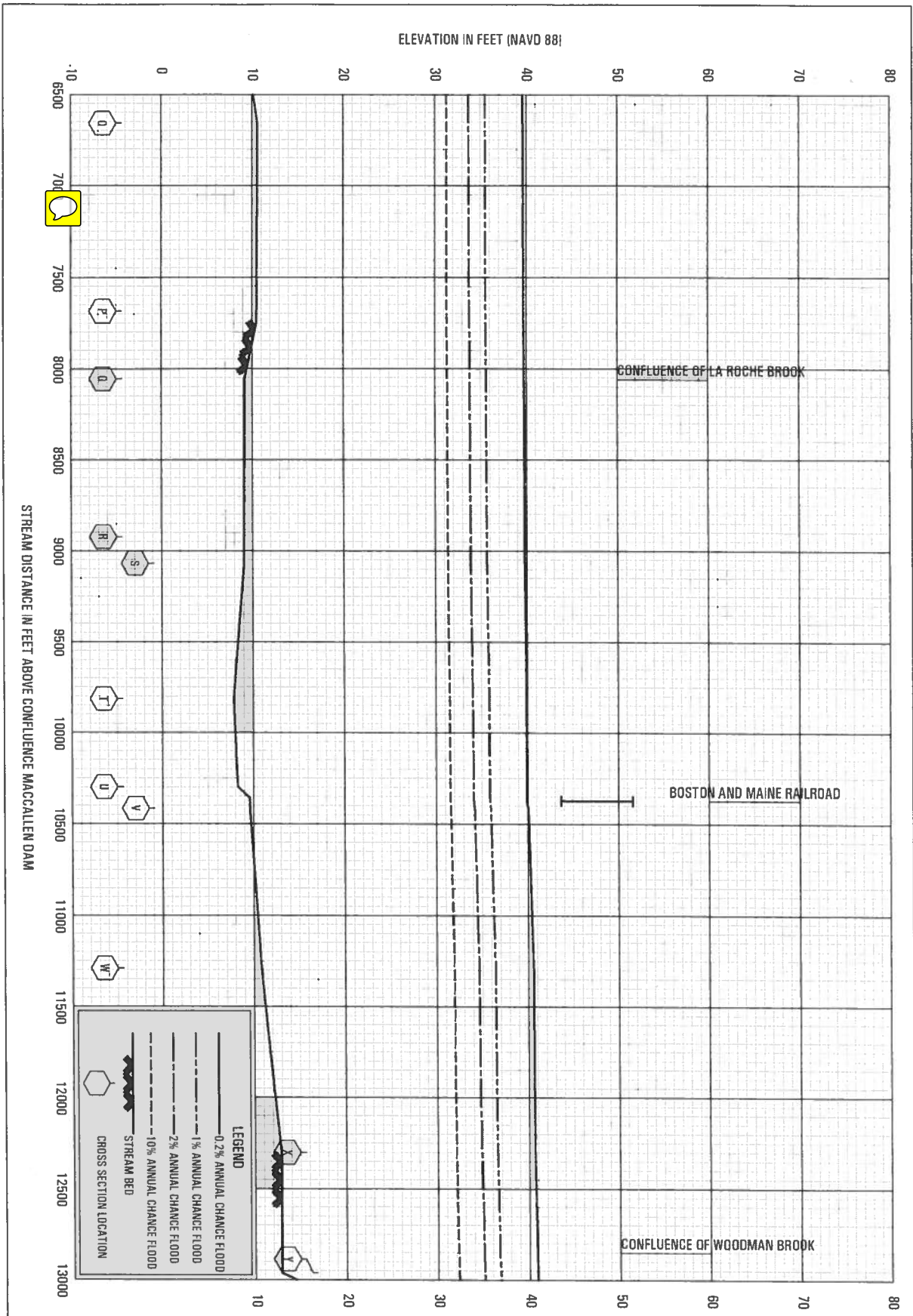






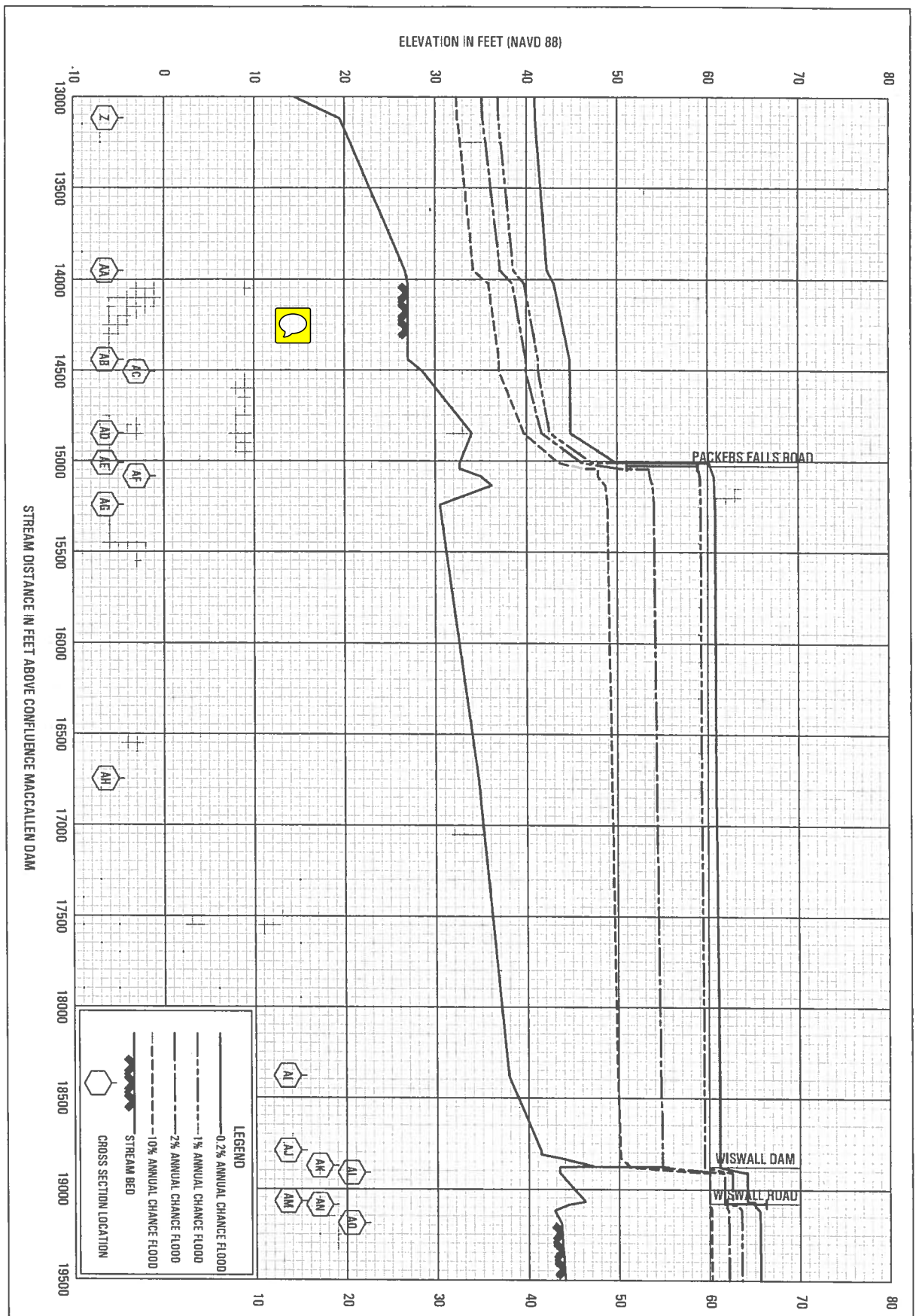






79P FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

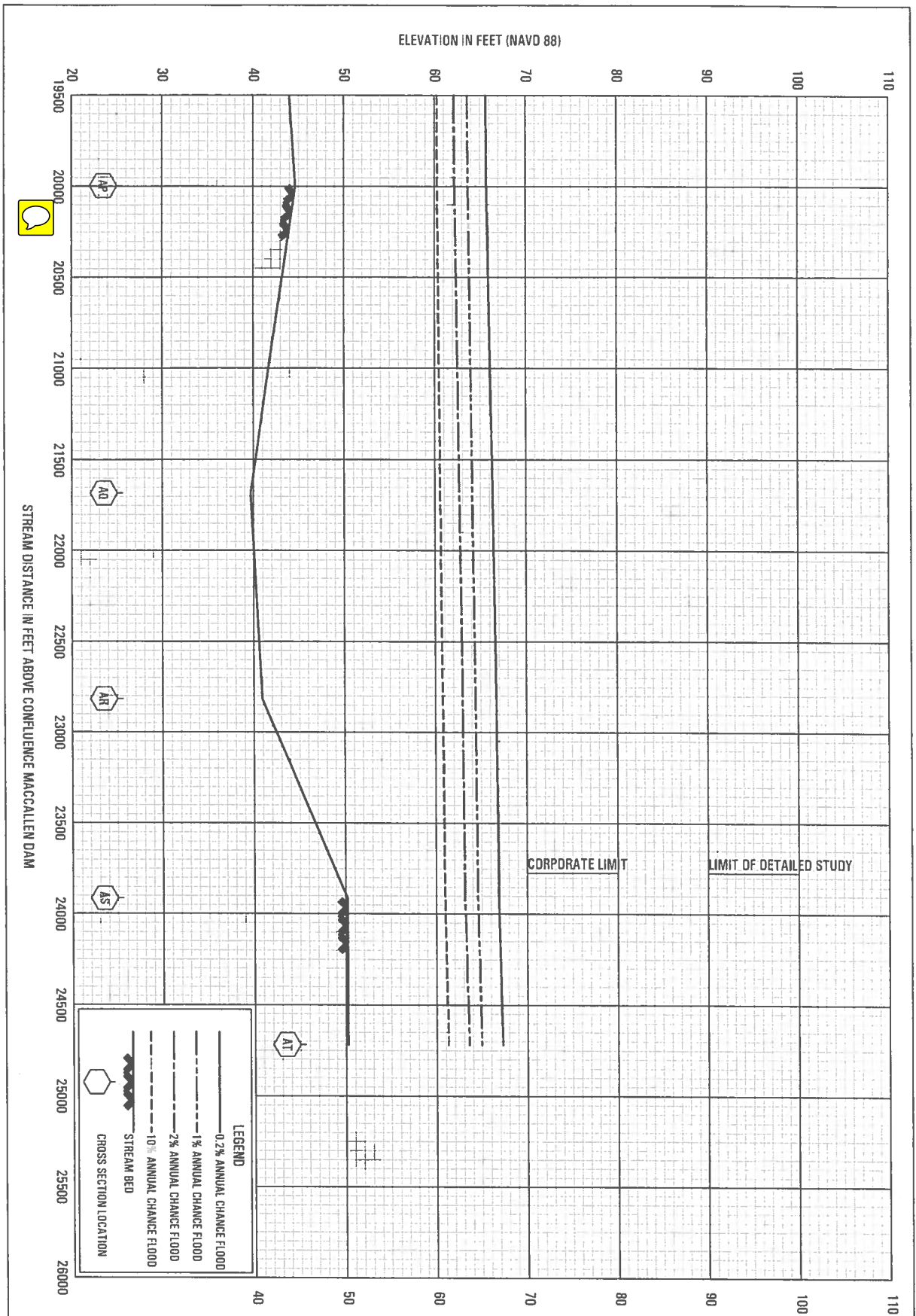
**FLOOD PROFILES**  
 LAMPREY RIVER



80P FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

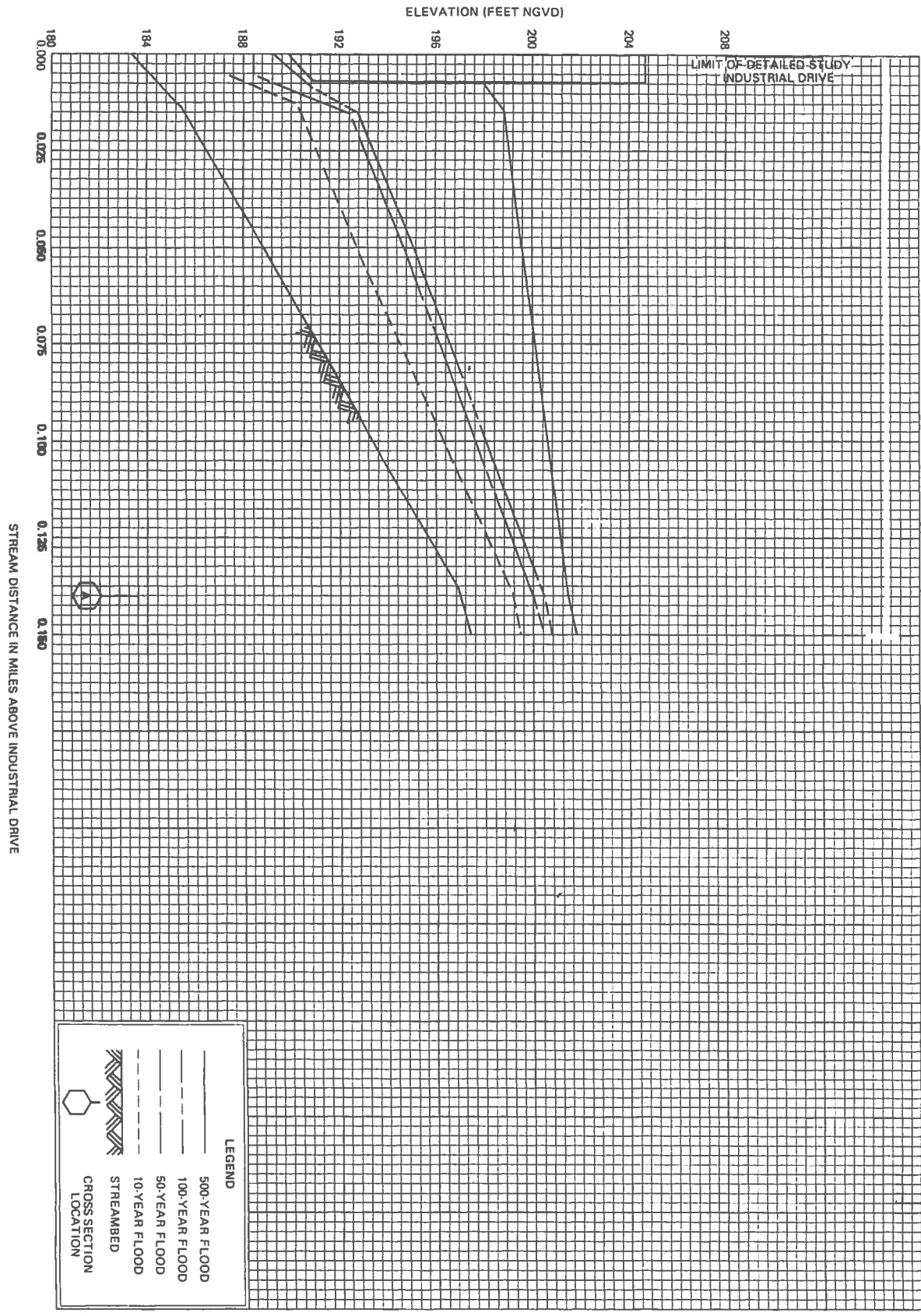
**FLOOD PROFILES**  
 LAMPREY RIVER





81P FEDERAL EMERGENCY MANAGEMENT AGENCY  
 ROCKINGHAM COUNTY, NH  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
 LAMPREY RIVER

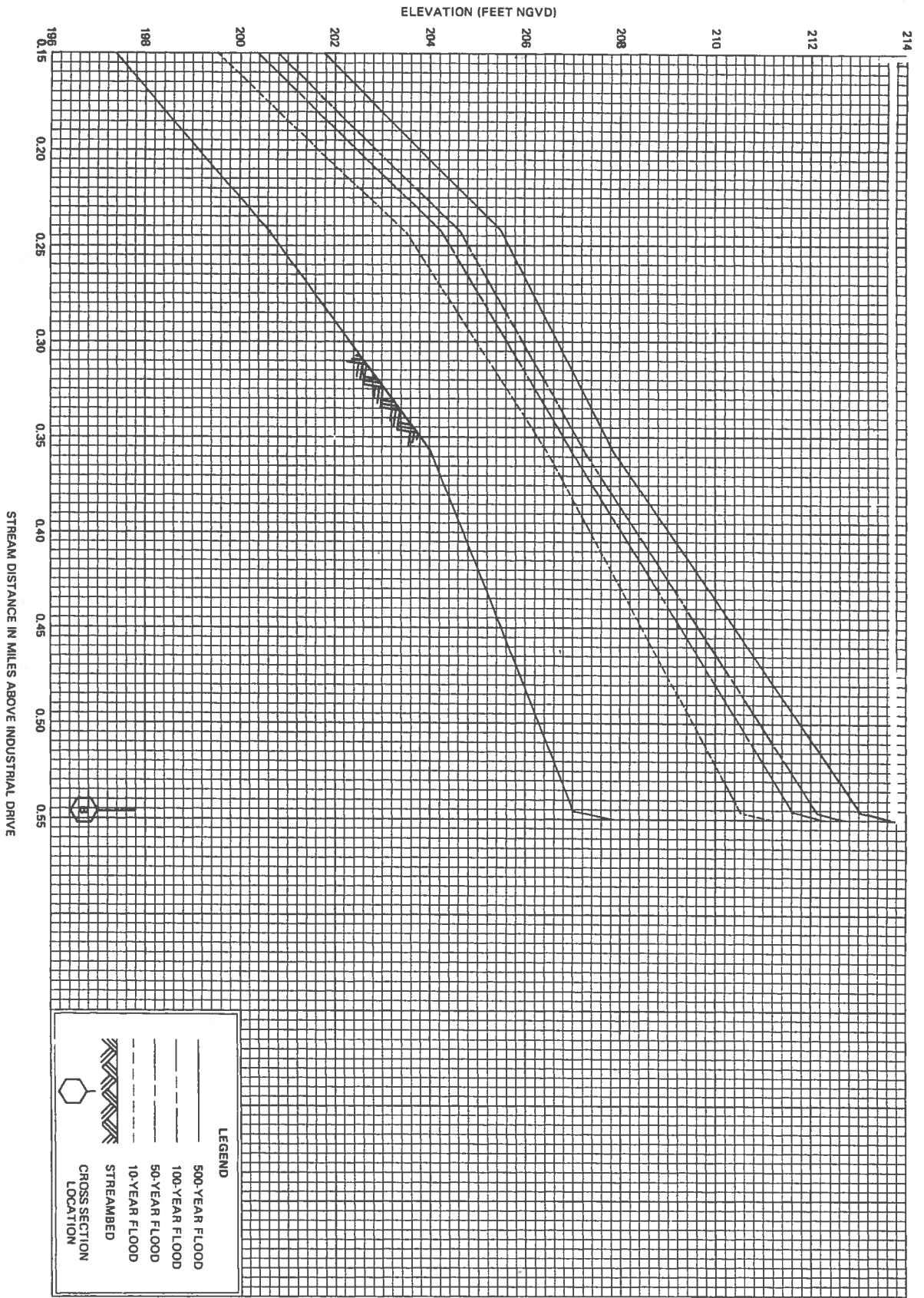


FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**LITTLE COHAS BROOK**

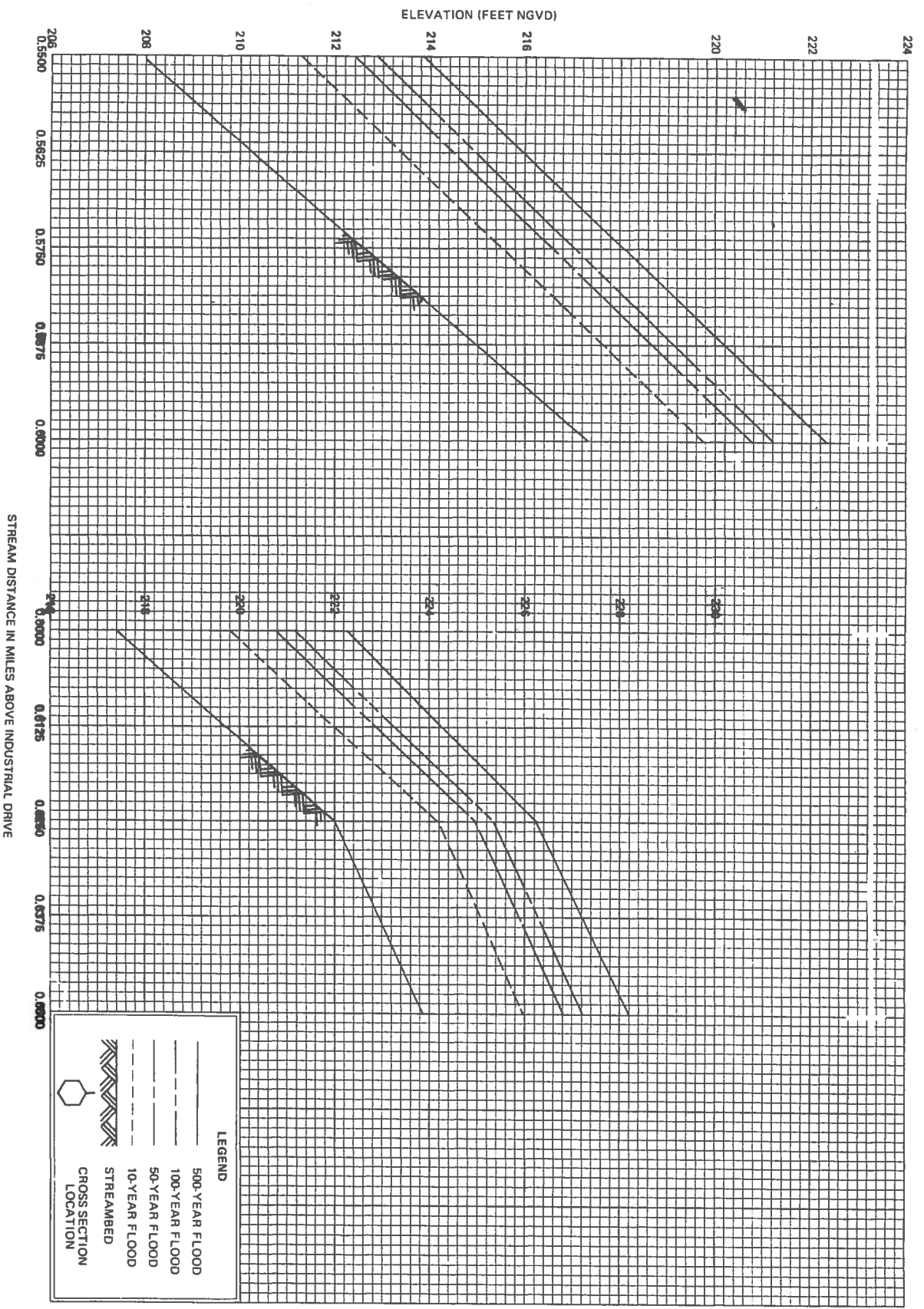


FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

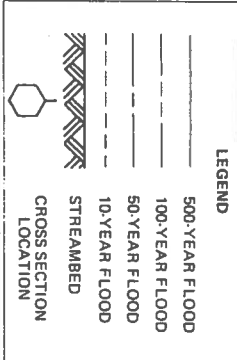
**LITTLE COHAS BROOK**



FEDERAL EMERGENCY MANAGEMENT AGENCY

ROCKINGHAM COUNTY, NH  
(ALL JURISDICTIONS)

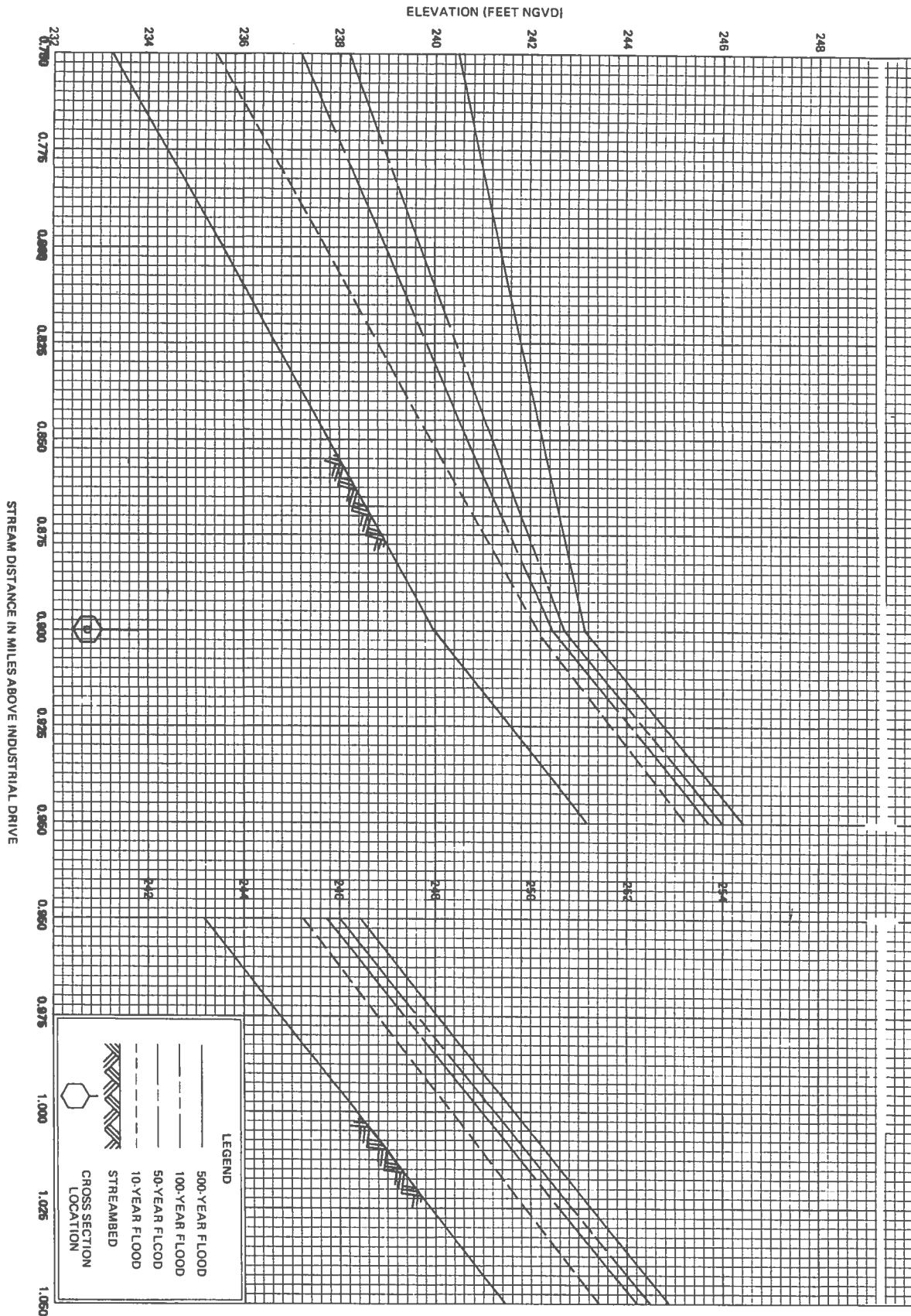
FLOOD PROFILES  
LITTLE COHAS BROOK



92P

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**LITTLE COHAS BROOK**



FEDERAL EMERGENCY MANAGEMENT AGENCY

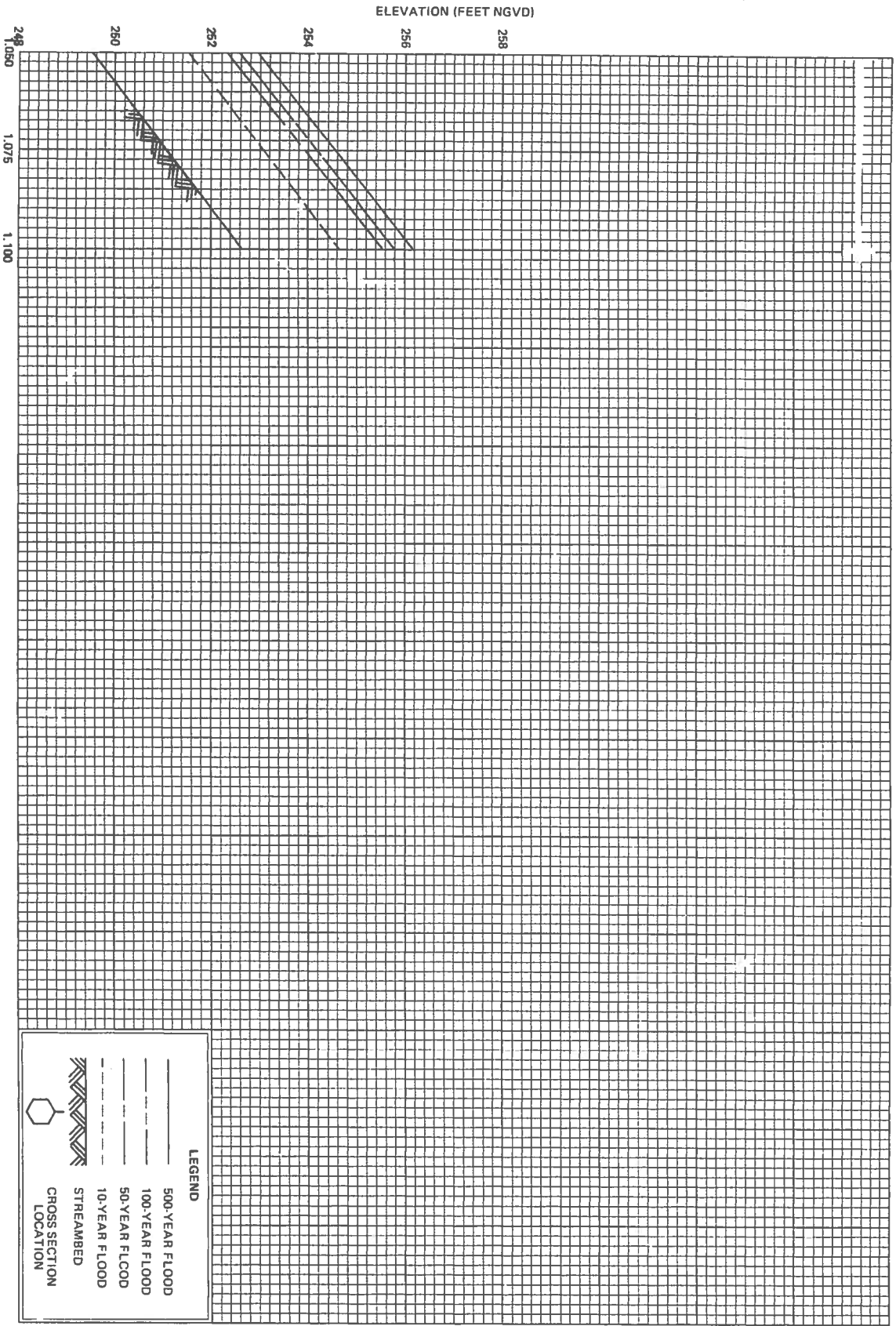
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**LITTLE COHAS BROOK**

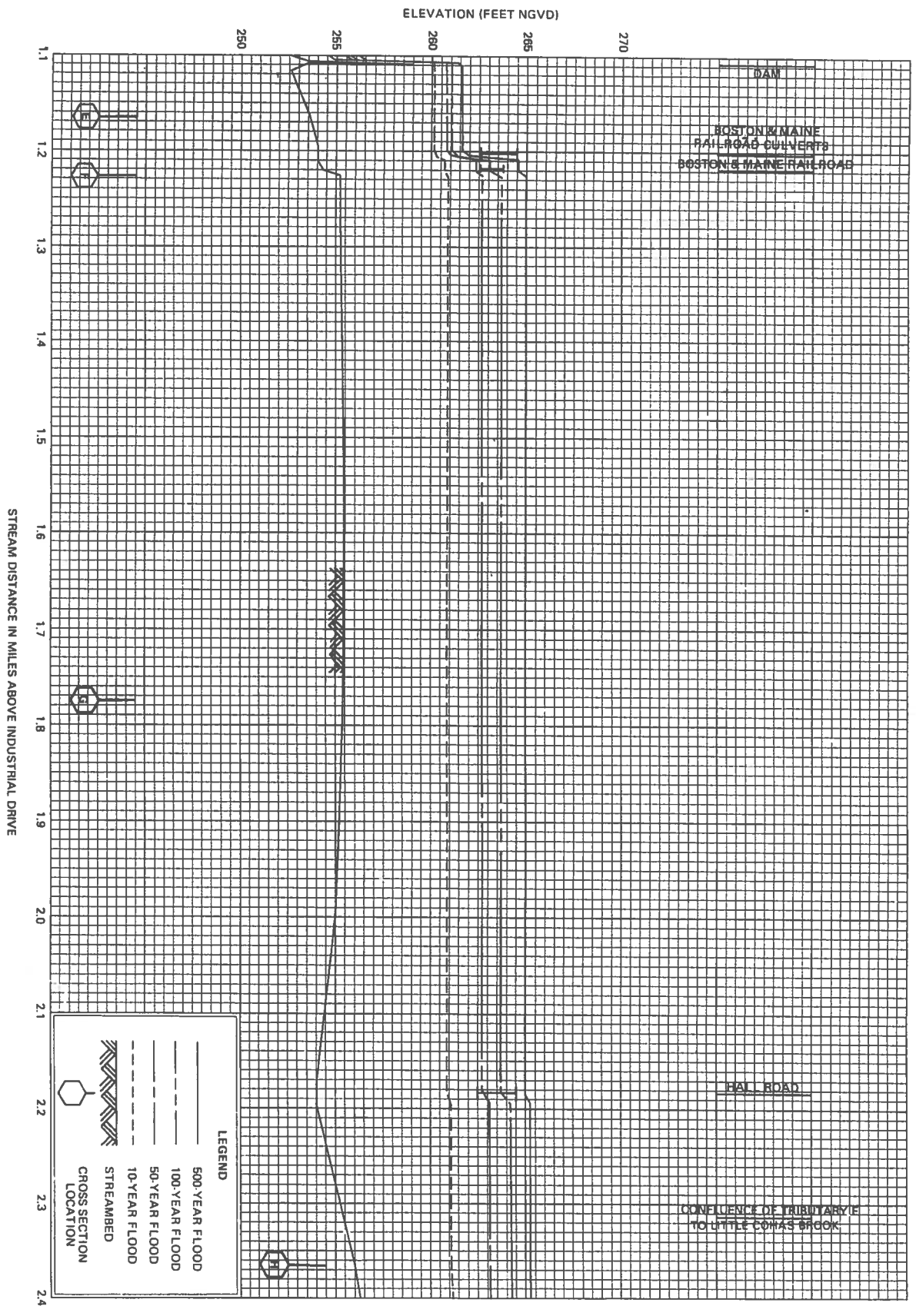
93P

STREAM DISTANCE IN MILES ABOVE INDUSTRIAL DRIVE

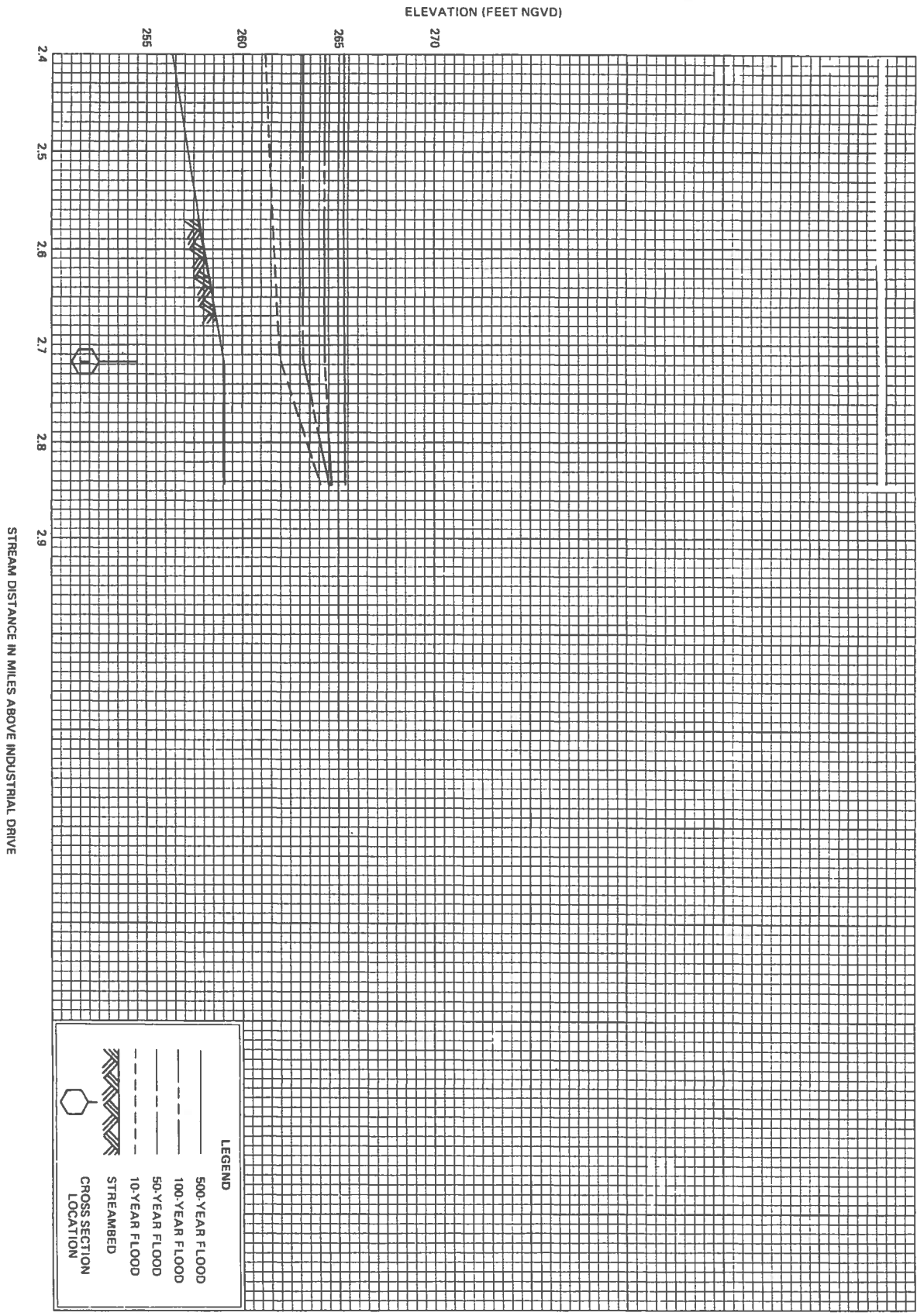


**LEGEND**

- 500-YEAR FLOOD
- 100-YEAR FLOOD
- 50-YEAR FLOOD
- 10-YEAR FLOOD
- STREAMBED
- CROSS SECTION LOCATION







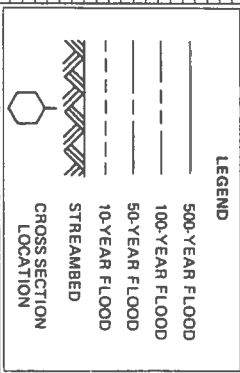
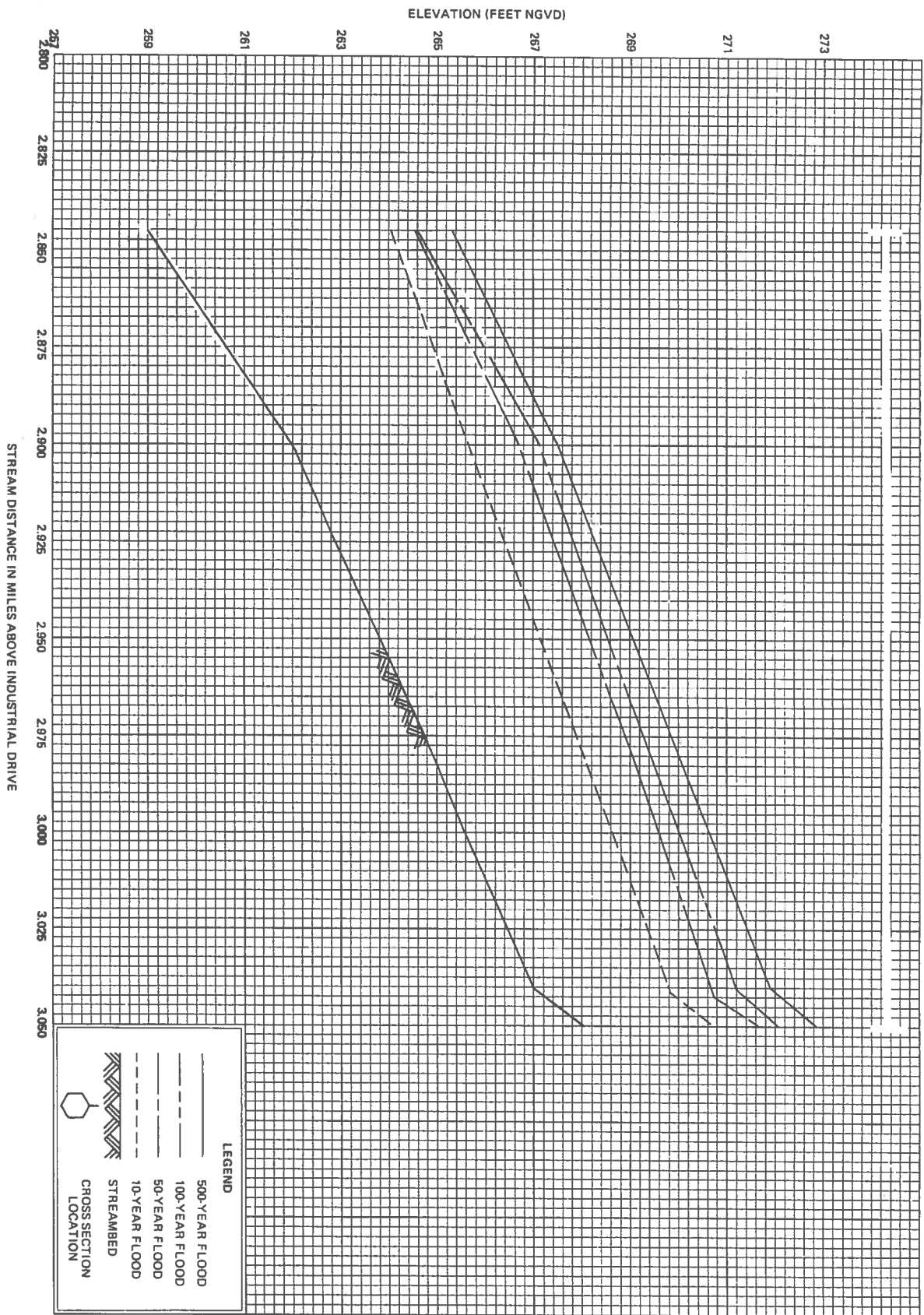
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**LITTLE COHAS BROOK**

96P

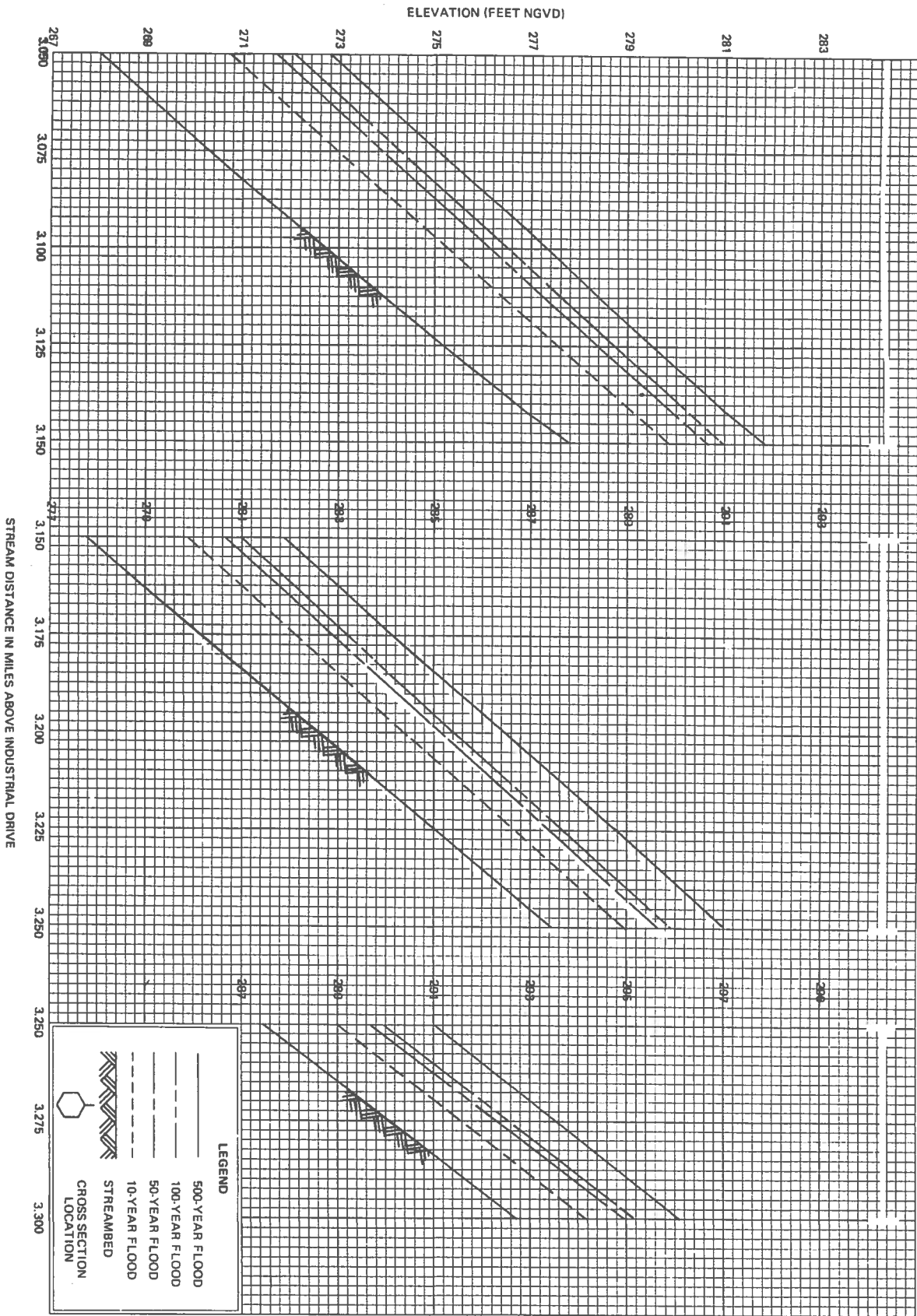


FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

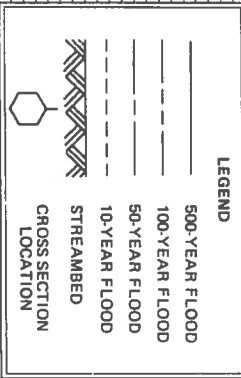
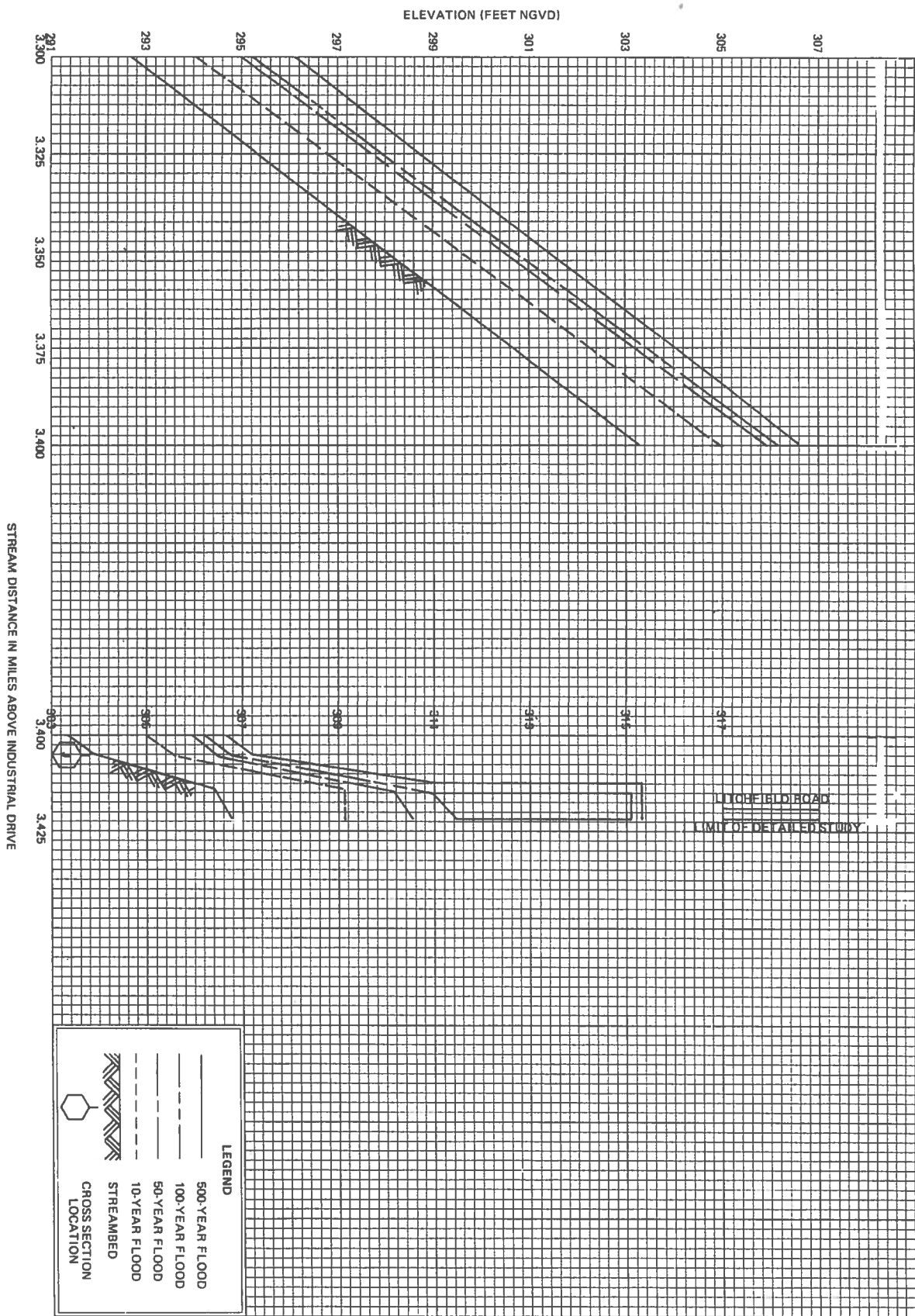
**LITTLE COHAS BROOK**



FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**  
**LITTLE COHAS BROOK**



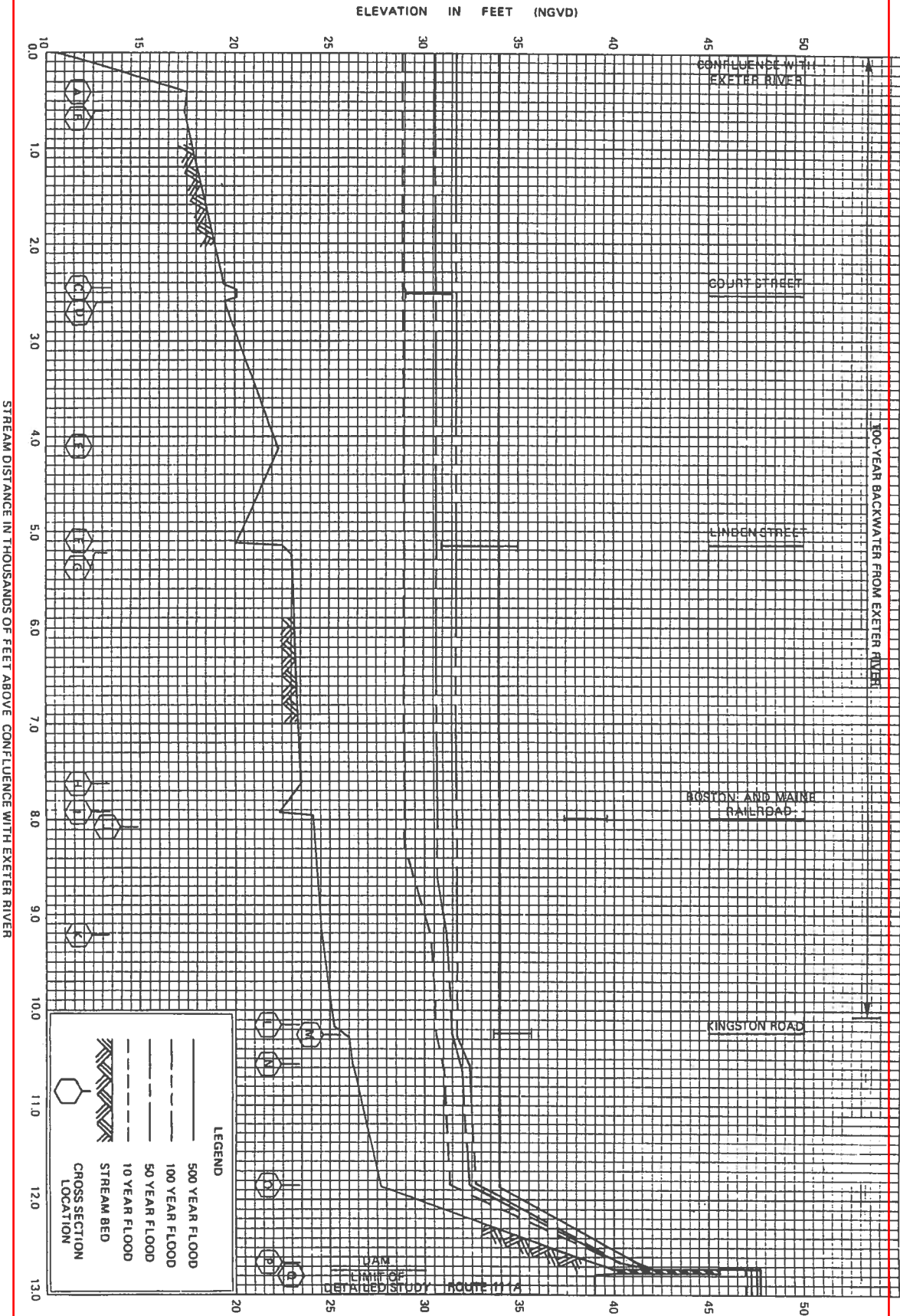
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

99P

**FLOOD PROFILES**

**LITTLE COHAS BROOK**



STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH EXETER RIVER

100-YEAR BACKWATER FROM EXETER RIVER

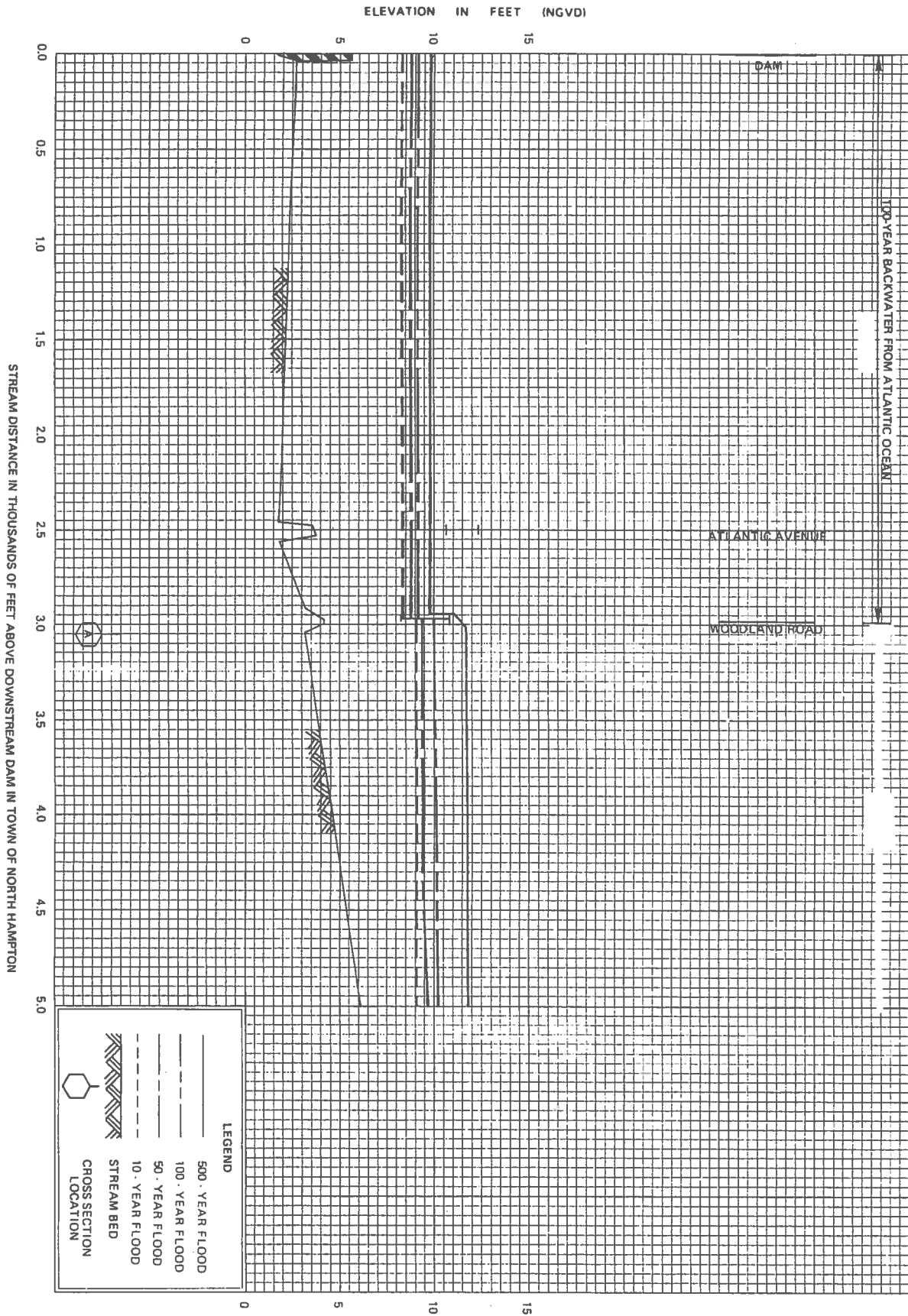
**LEGEND**

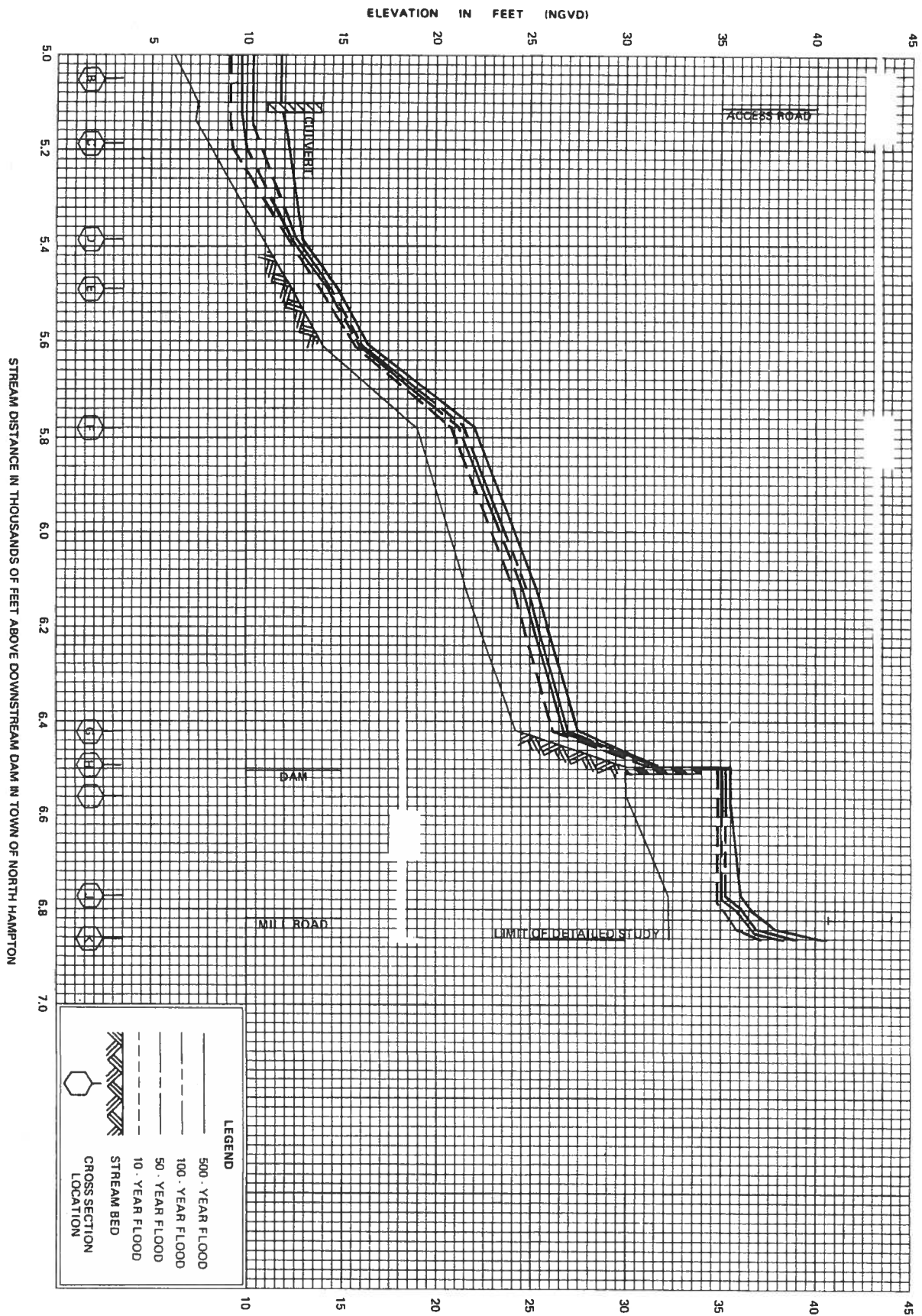
- 500 YEAR FLOOD
- - - 100 YEAR FLOOD
- 50 YEAR FLOOD
- - - 10 YEAR FLOOD
- ▨ STREAM BED
- CROSS SECTION LOCATION

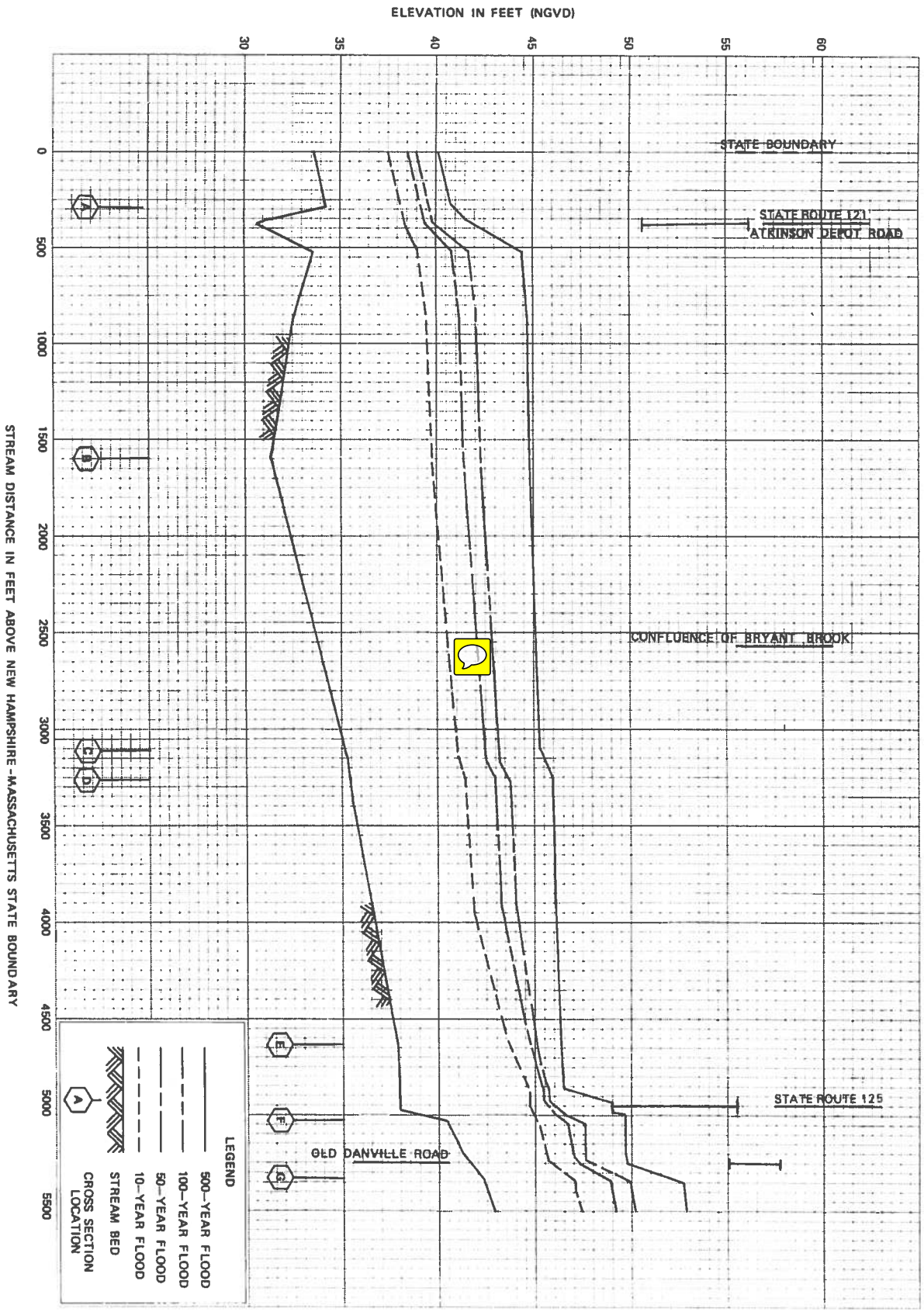
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**LITTLE RIVER NO. 1**

100P







**LEGEND**

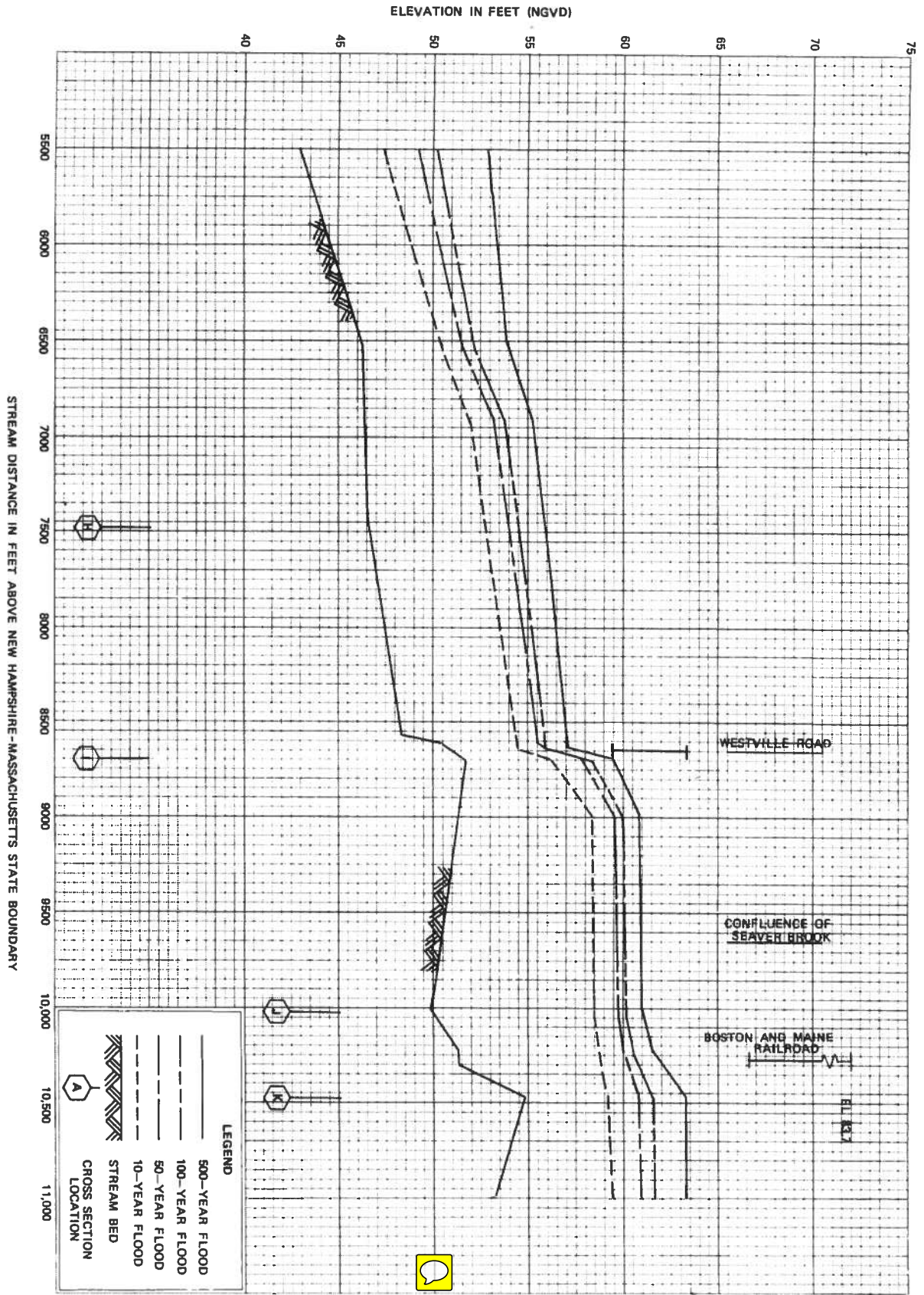
- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- · · 50-YEAR FLOOD
- 10-YEAR FLOOD
- STREAM BED
- ▲ CROSS SECTION LOCATION

103P

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**LITTLE RIVER NO. 3**

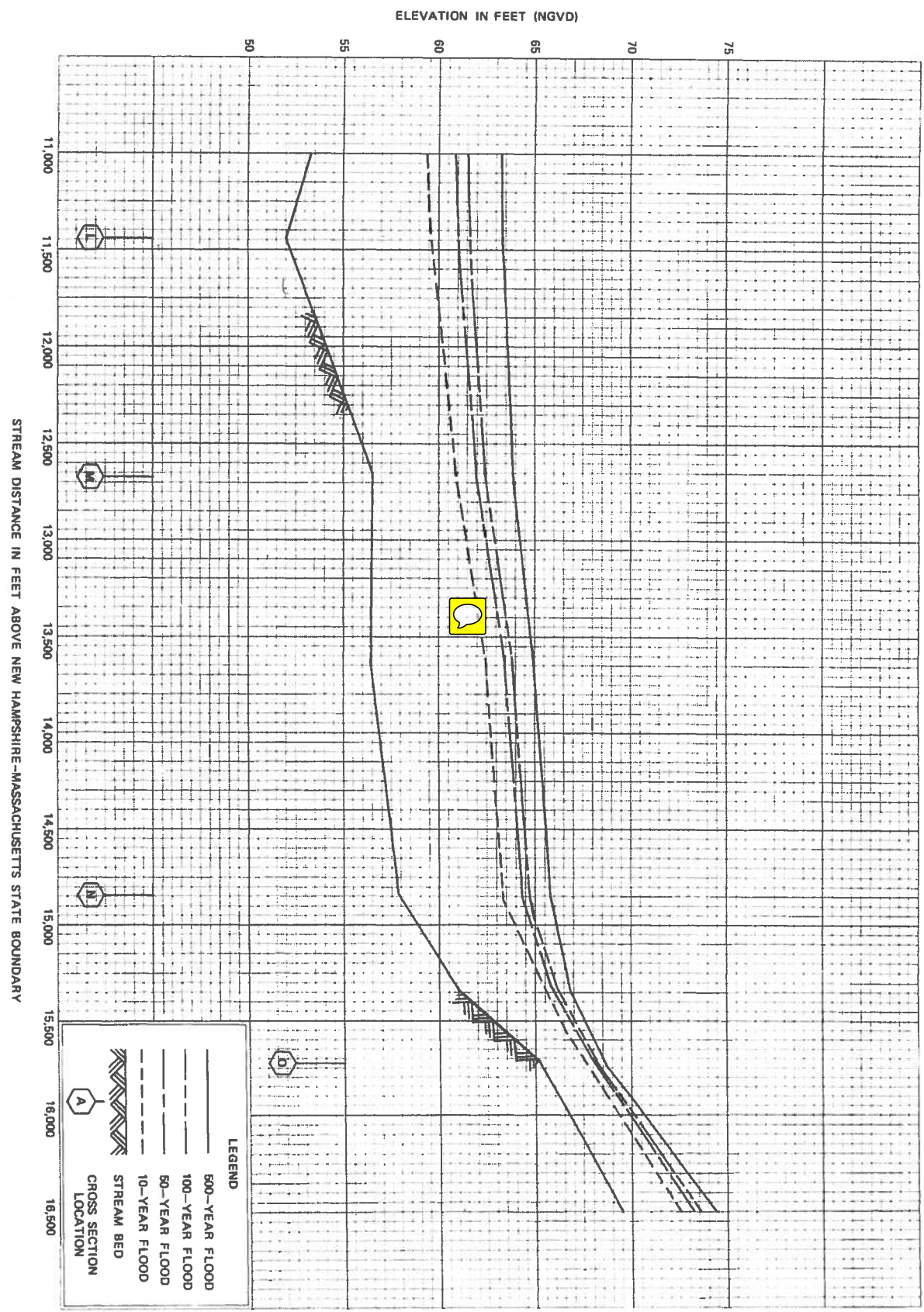


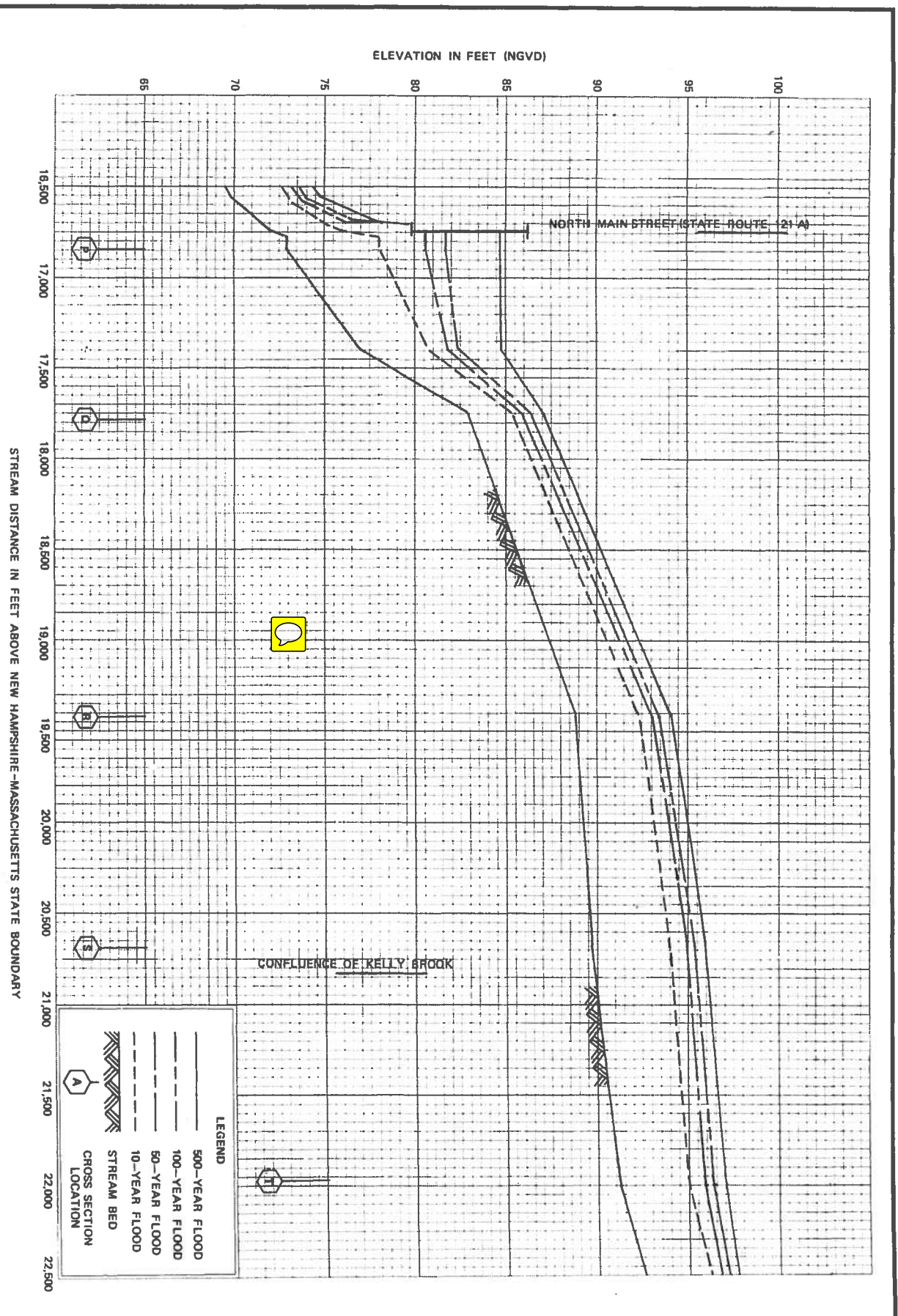


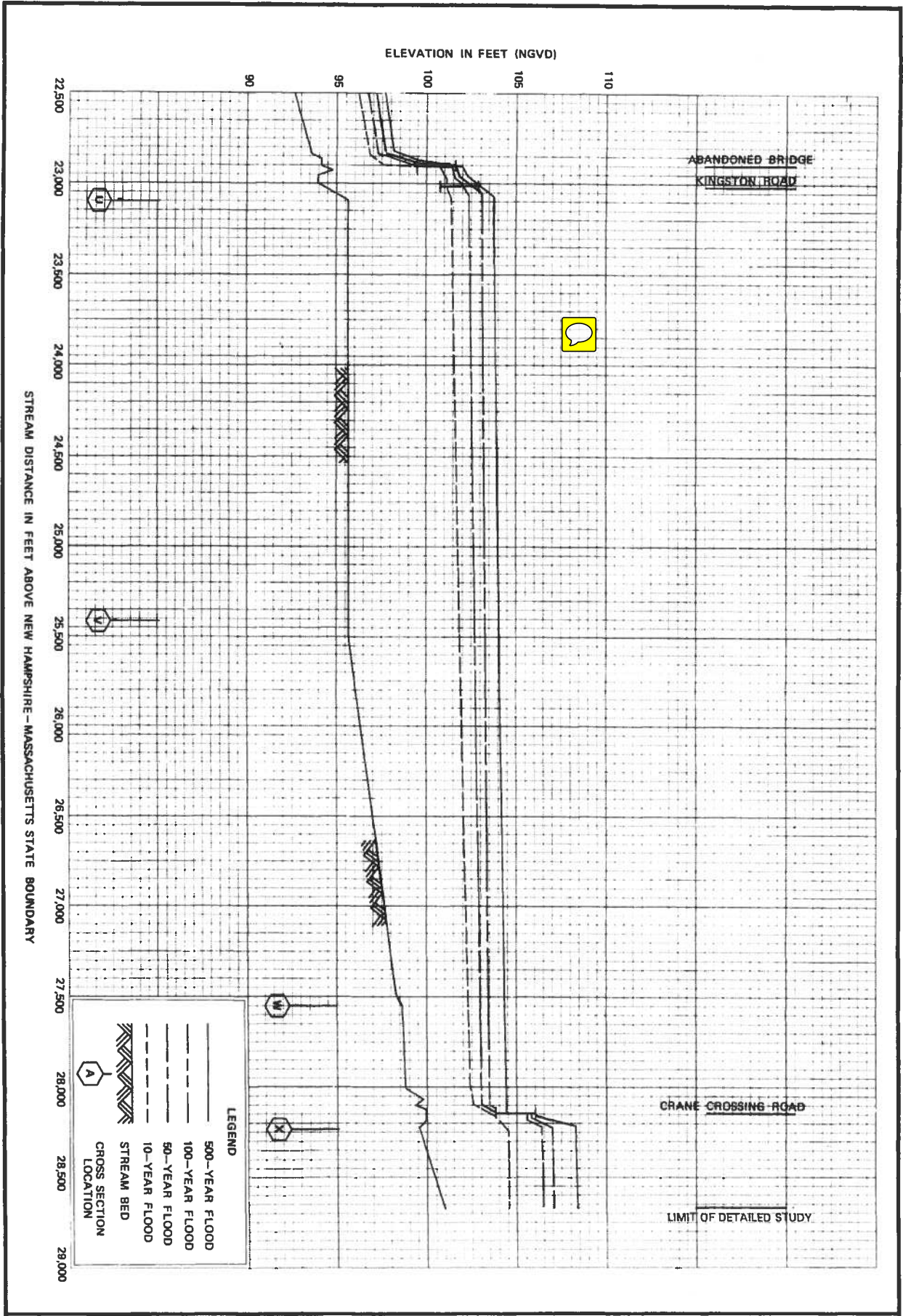
104P

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**LITTLE RIVER NO. 3**





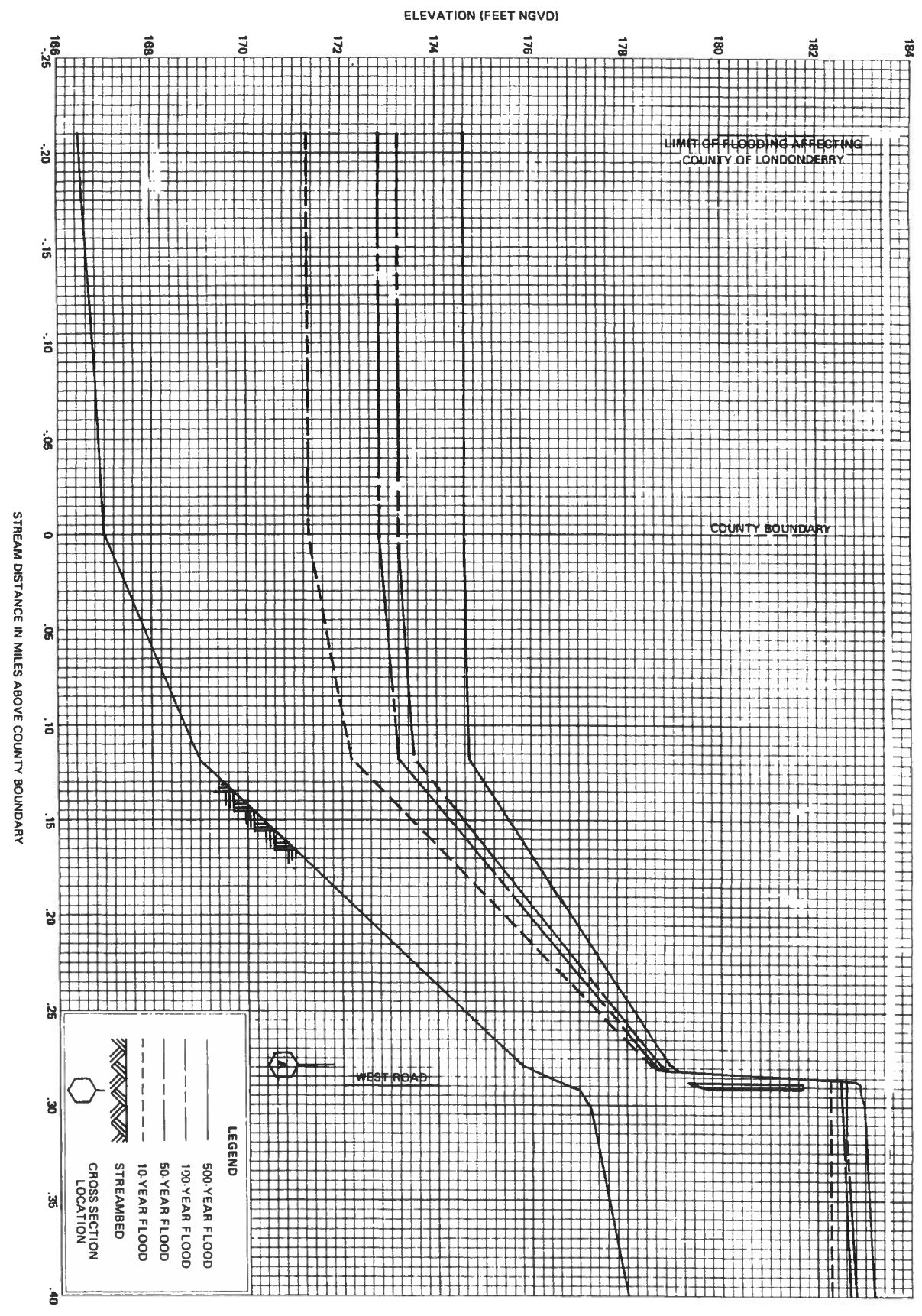


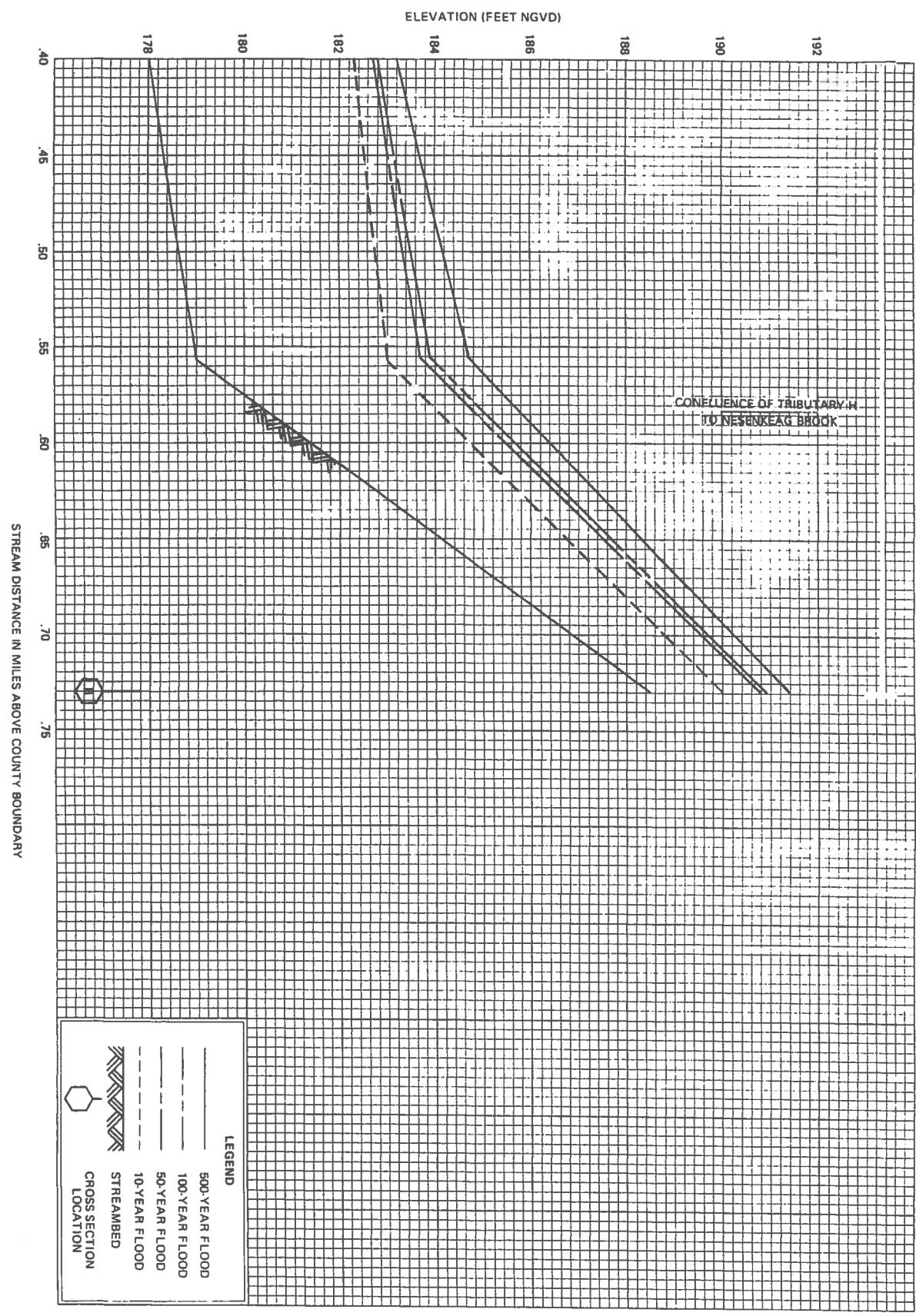
107P

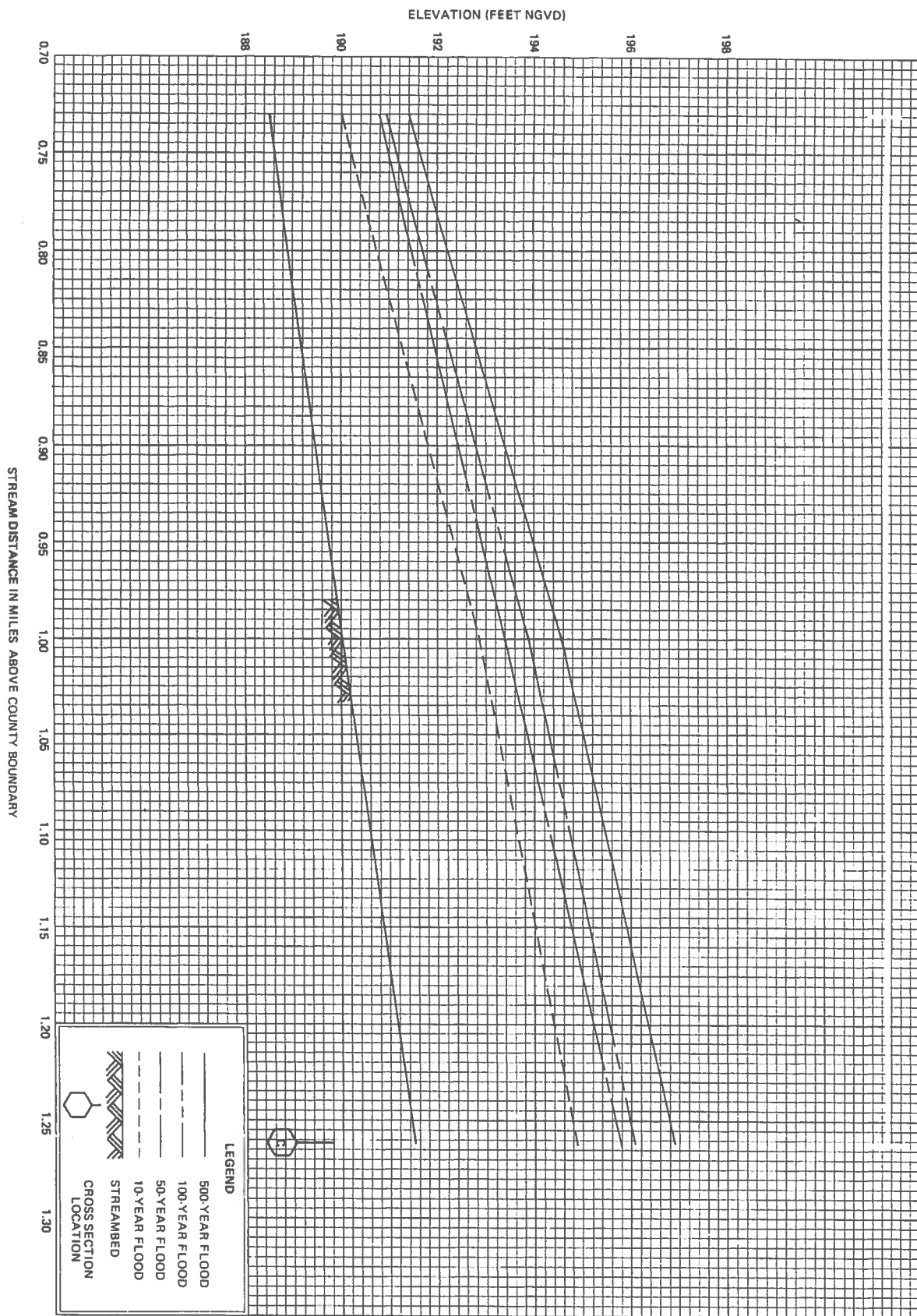
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**

**LITTLE RIVER NO. 3**







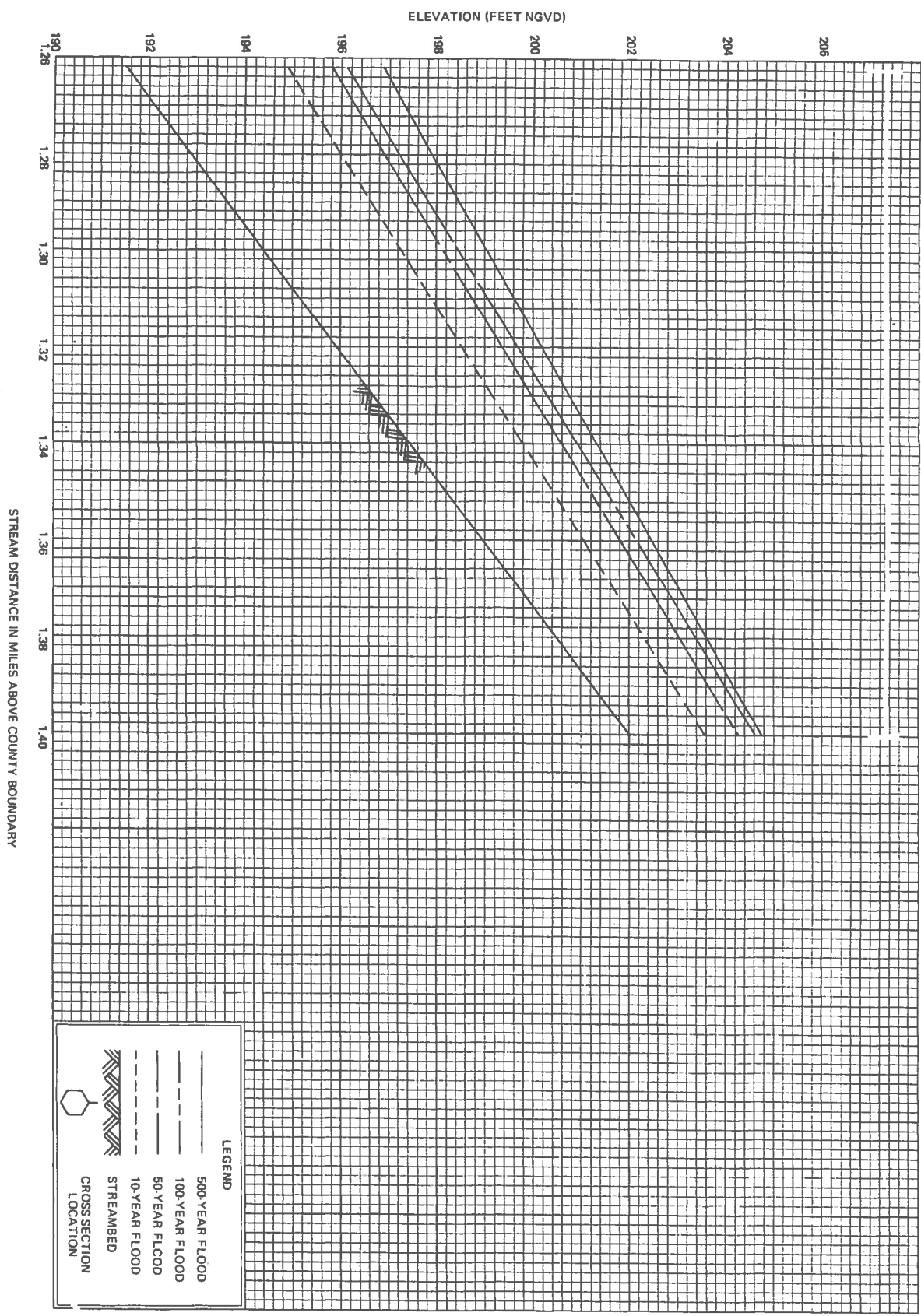
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)







**FLOOD PROFILES**

**NESENKEAG BROOK**

**110P**



**LEGEND**

-  500-YEAR FLOOD
-  100-YEAR FLOOD
-  50-YEAR FLOOD
-  10-YEAR FLOOD
-  STREAMBED
-  CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY

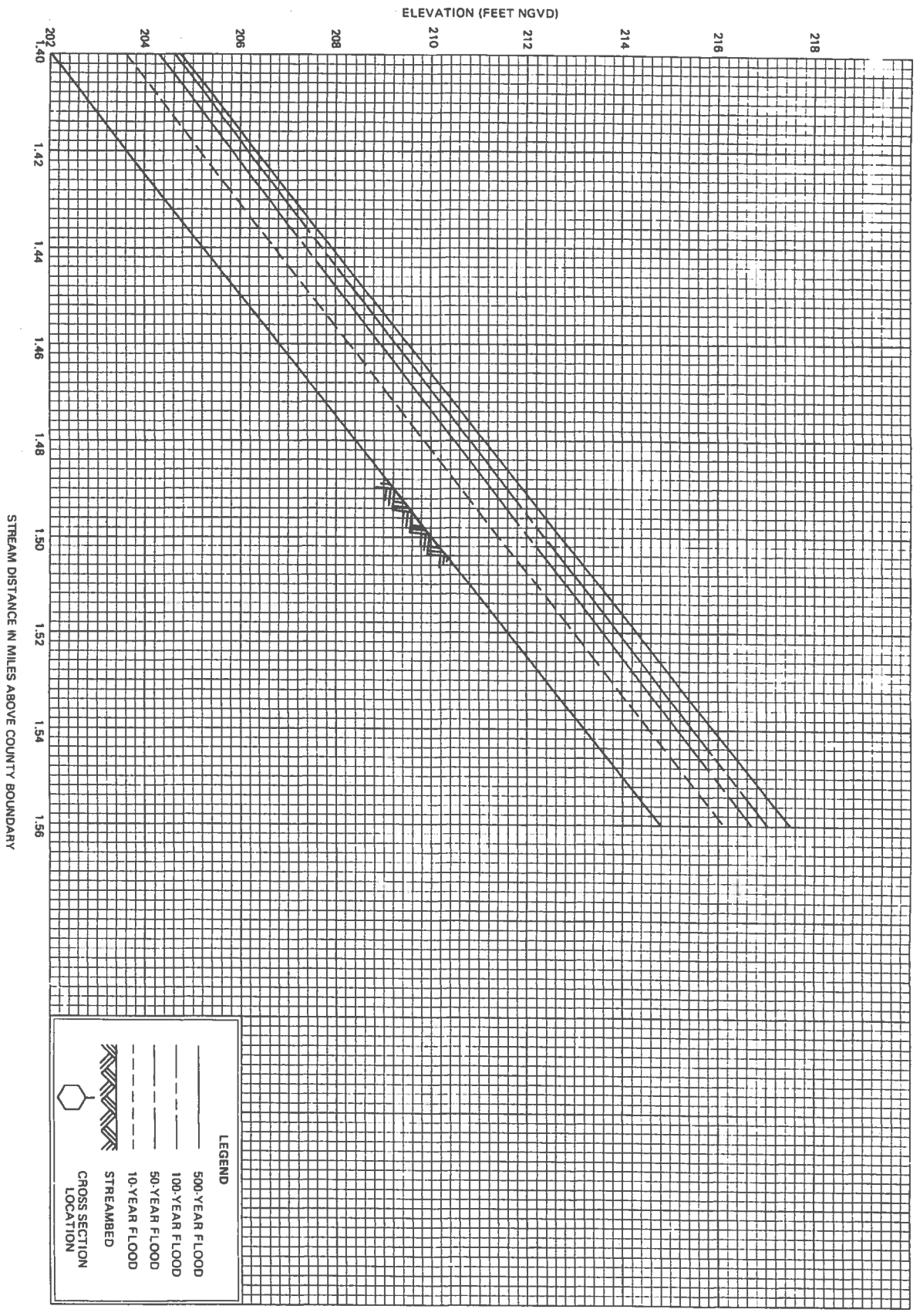
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESENKEAG BROOK**

**111P**





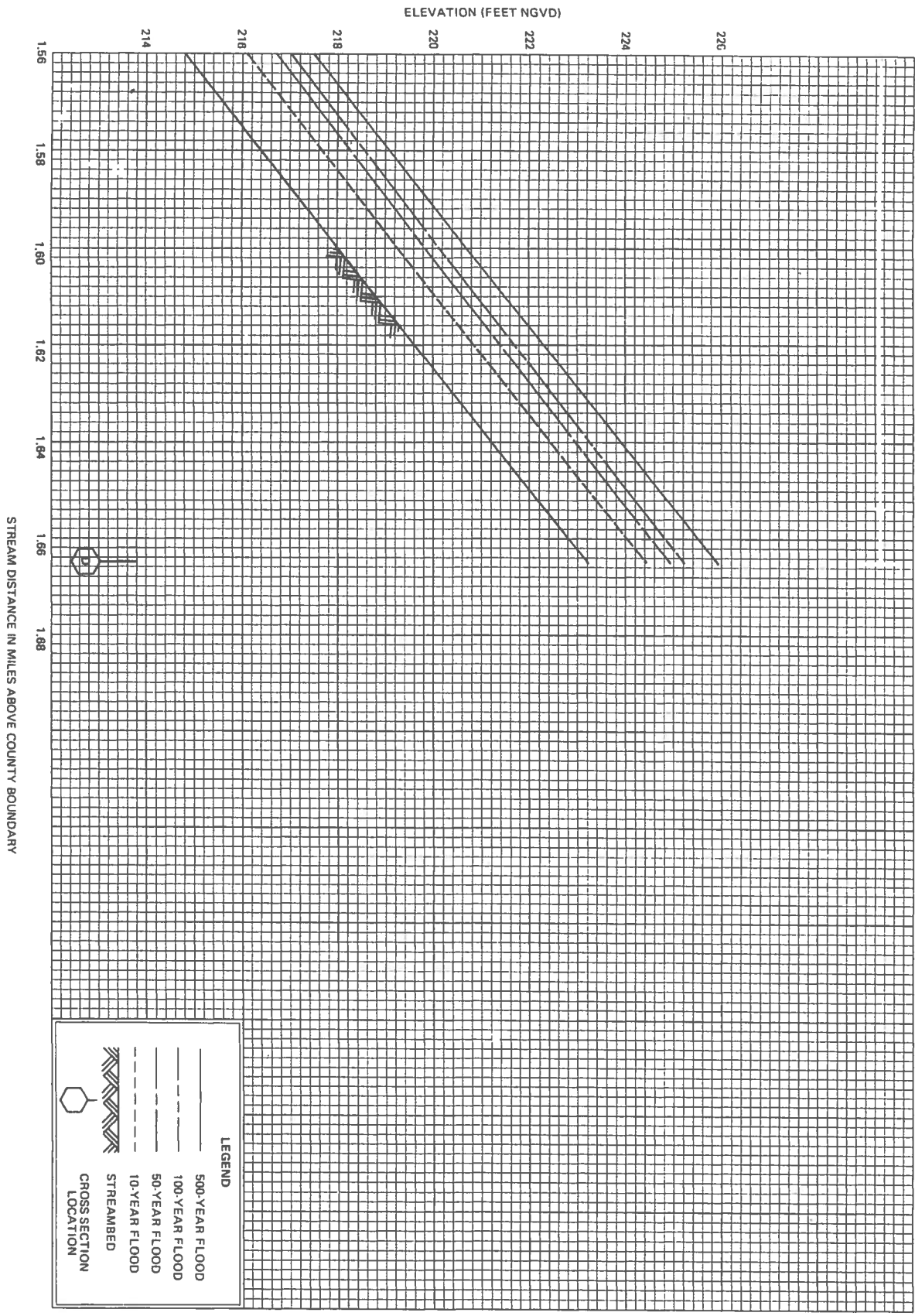
**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- - - 50-YEAR FLOOD
- - - 10-YEAR FLOOD
- STREAMBED
- ▨ CROSS SECTION LOCATION

112P

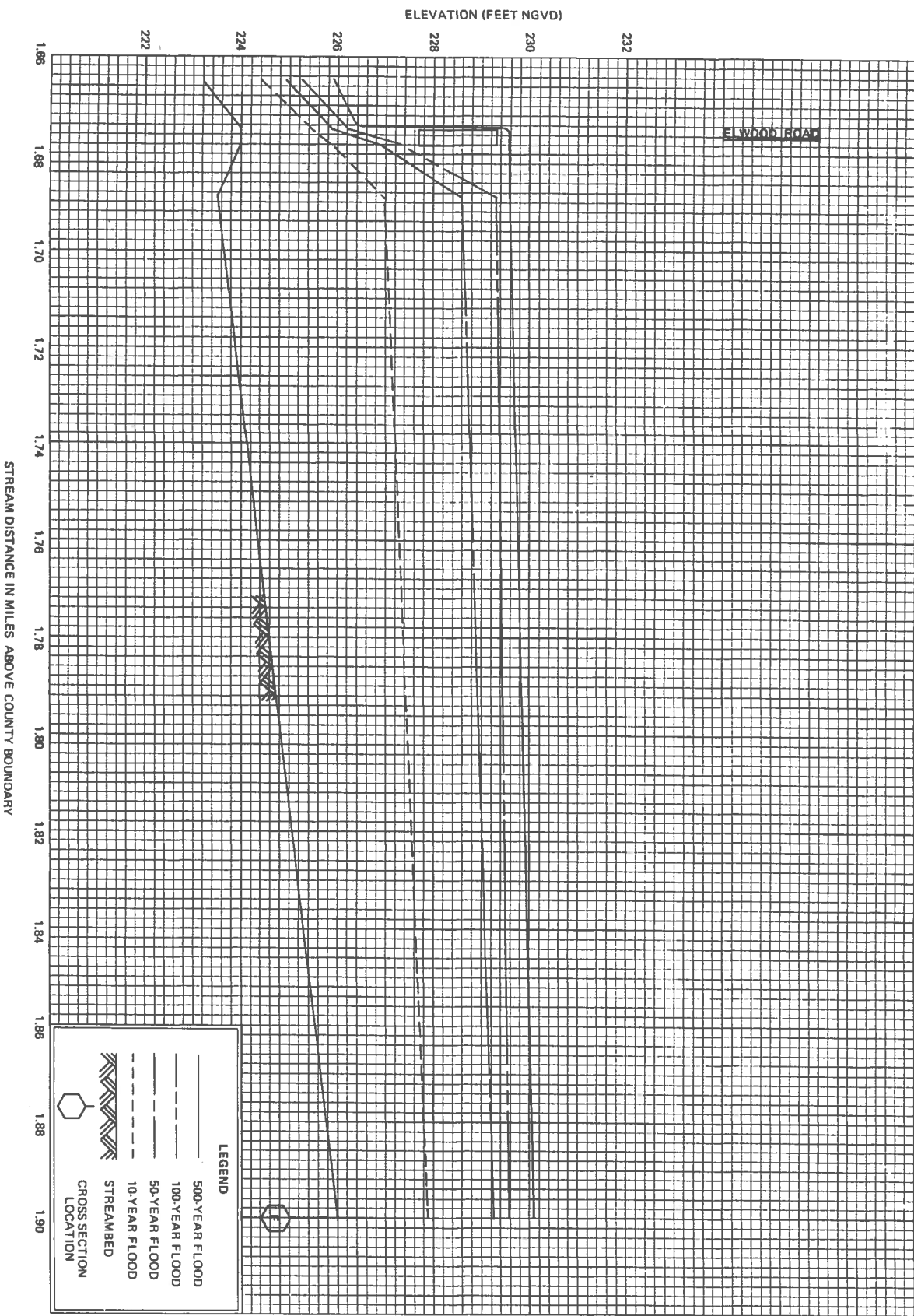
FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**NESENKEAG BROOK**



**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- - - 50-YEAR FLOOD
- - - 10-YEAR FLOOD
- ▬▬▬ STREAMBED
- CROSS SECTION LOCATION



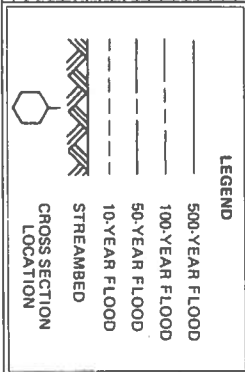
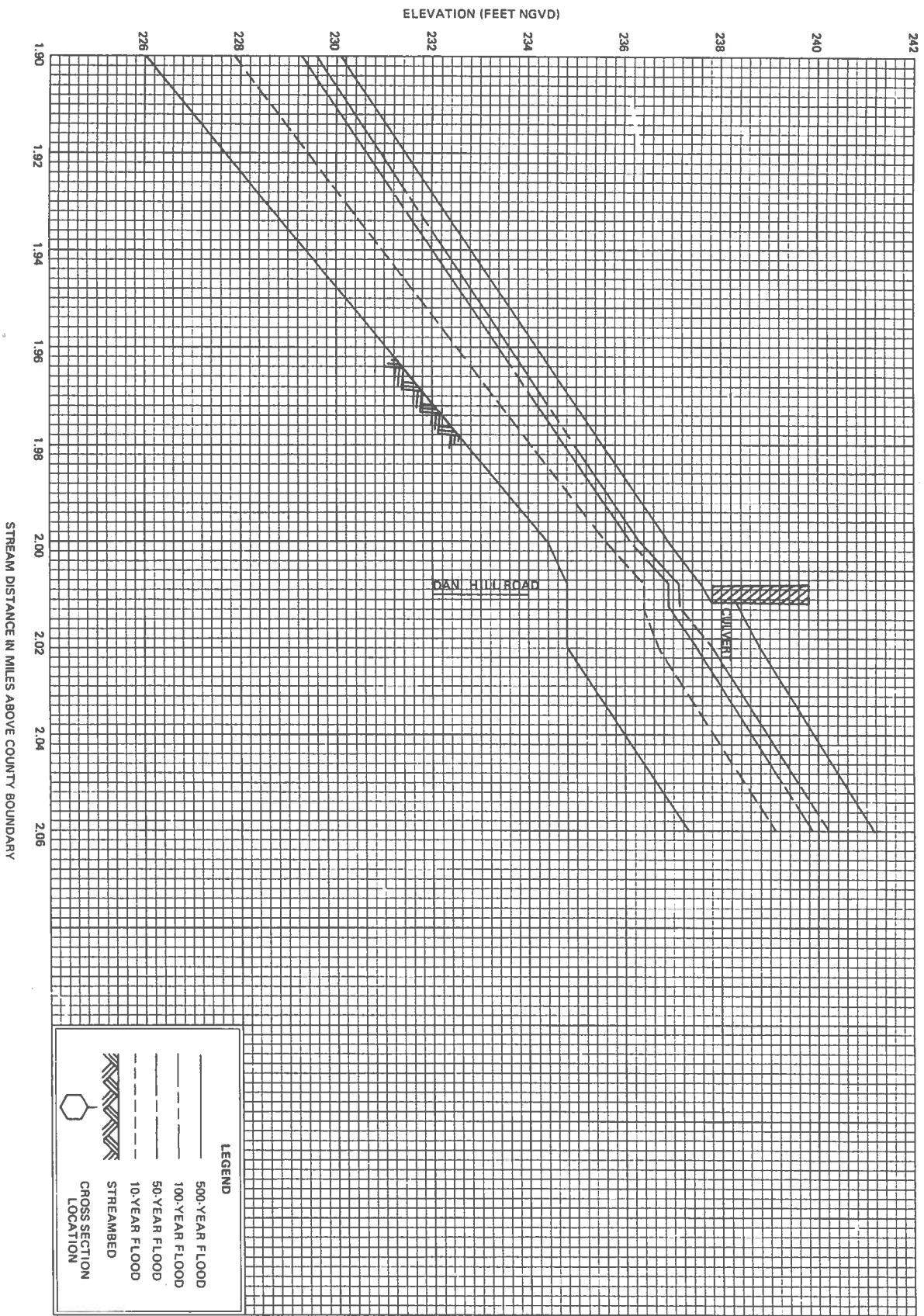
114P

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESEENKEAG BROOK**



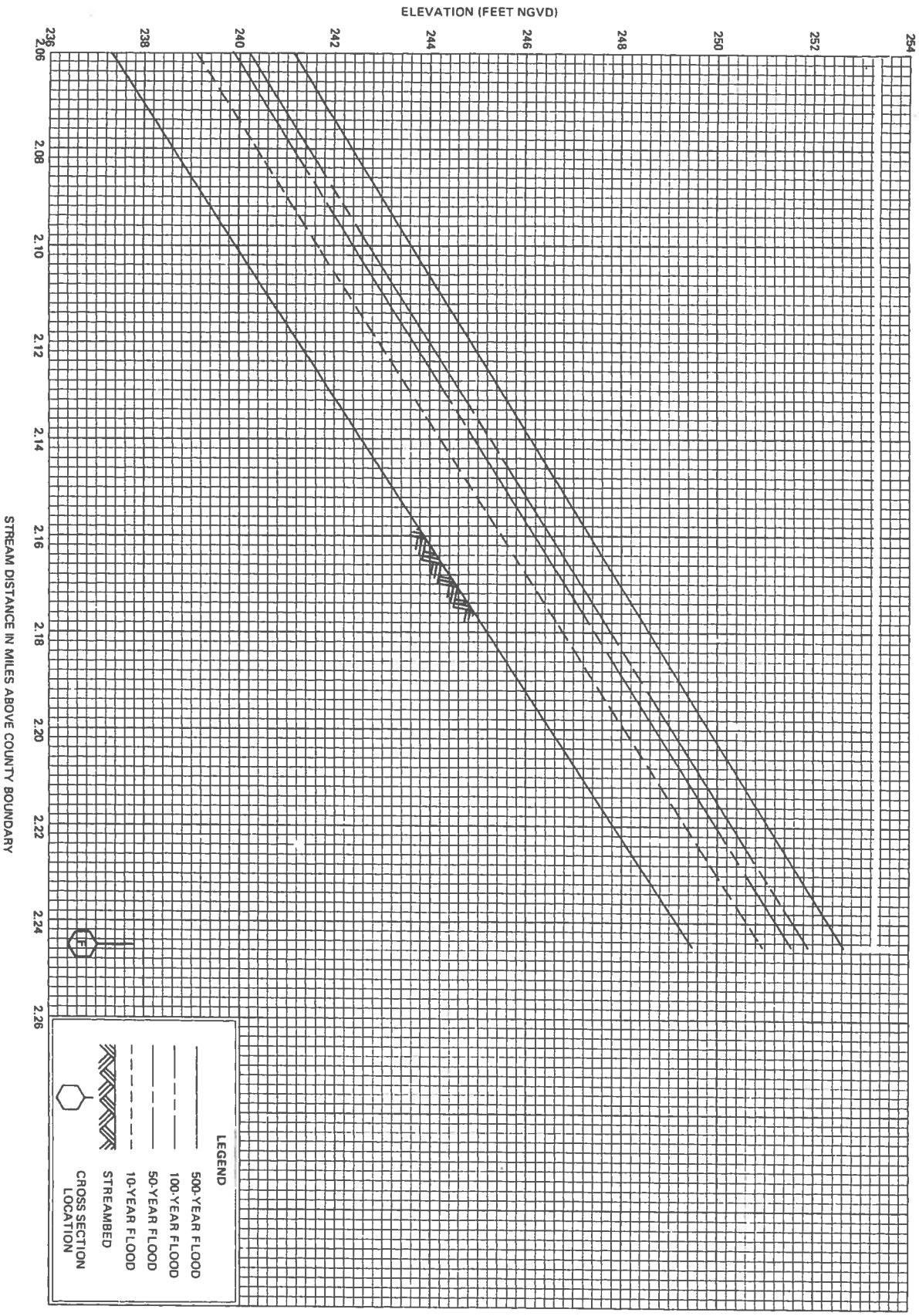
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESENKEAG BROOK**

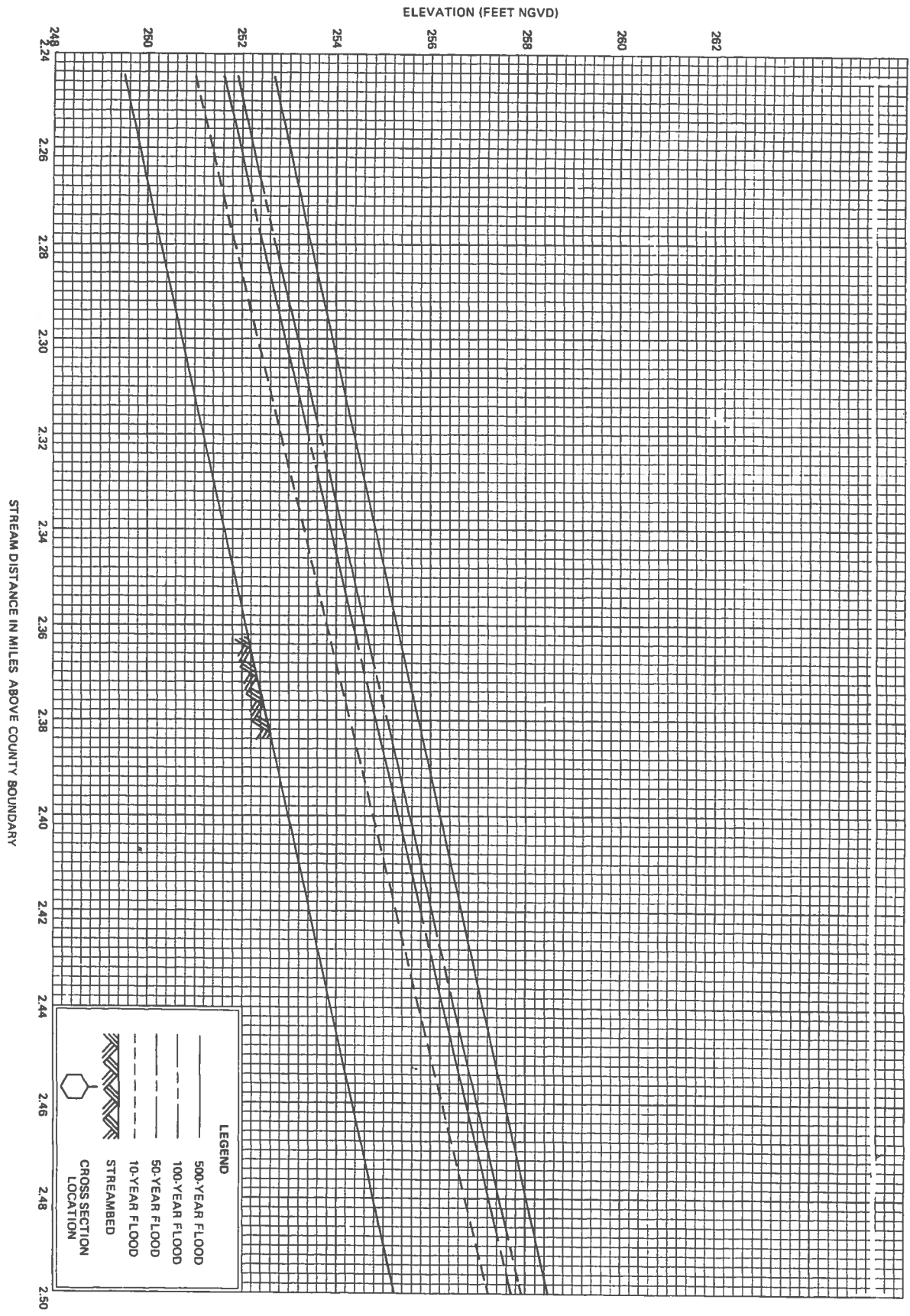
**115P**



FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ROCKINGHAM COUNTY, NH**  
 (ALL JURISDICTIONS)

**FLOOD PROFILES**  
**NESENKEAG BROOK**

**116P**



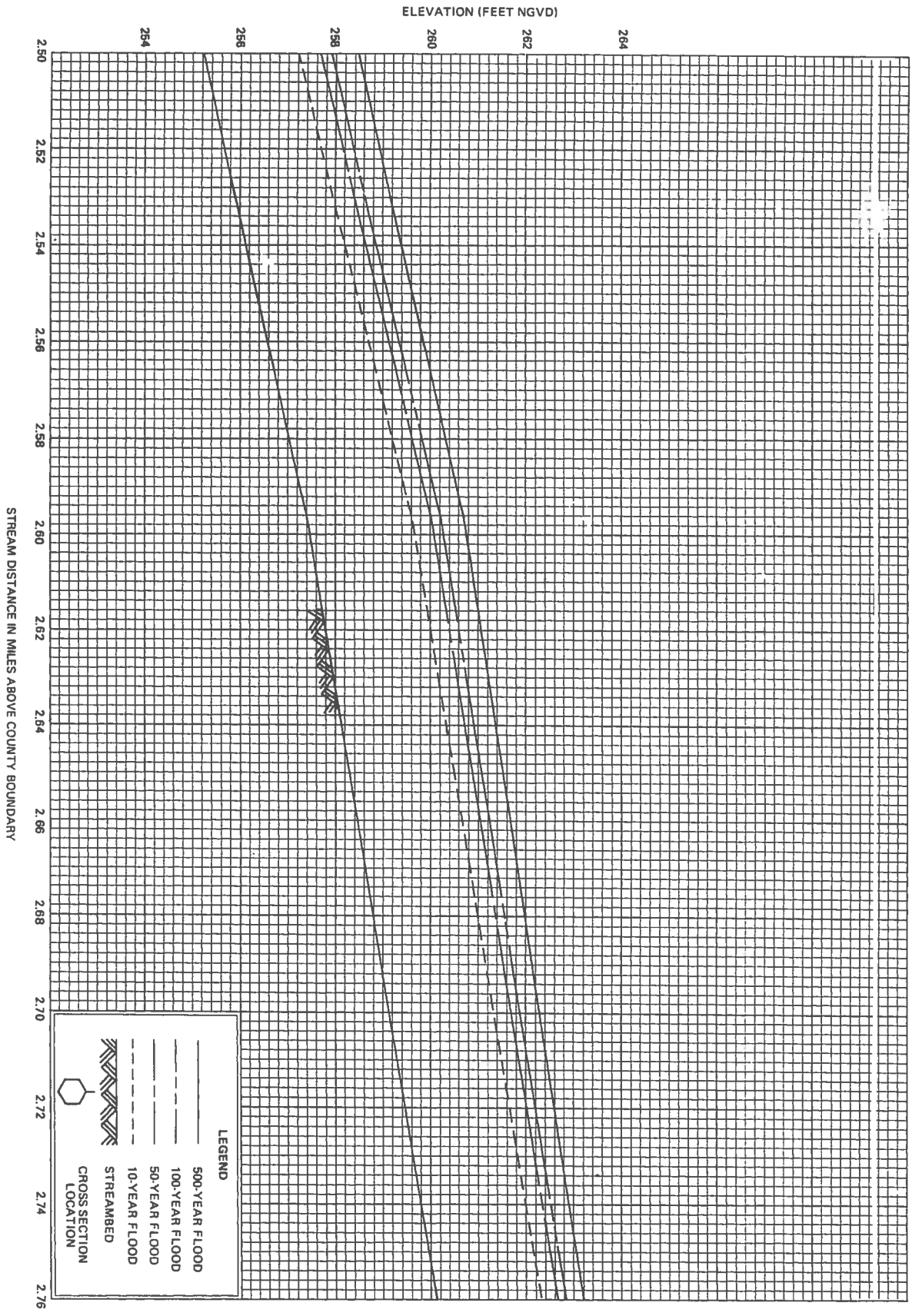
FEDERAL EMERGENCY MANAGEMENT AGENCY

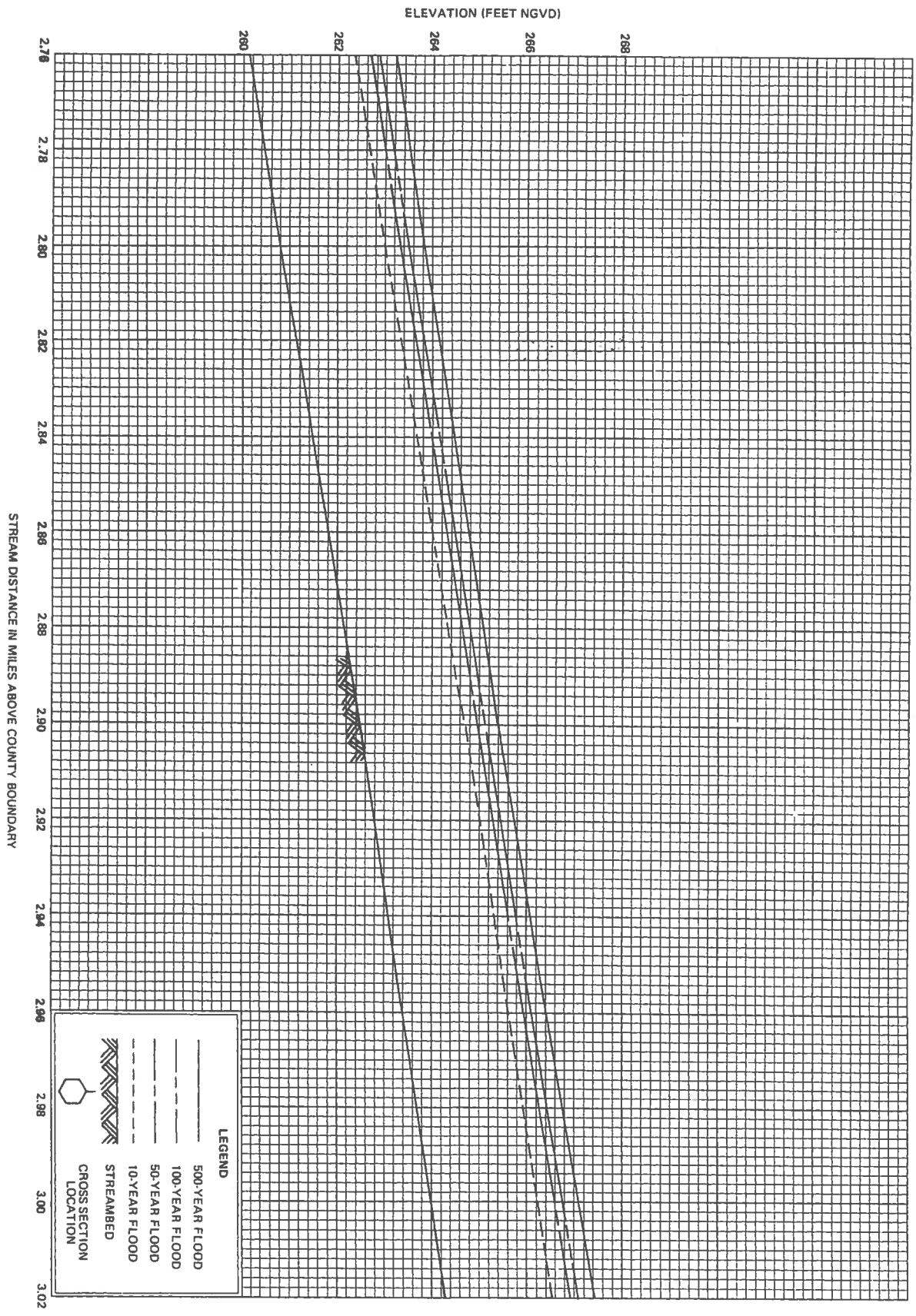
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESENKEAG BROOK**

**117P**





**LEGEND**

- 500-YEAR FLOOD
- - - 100-YEAR FLOOD
- - - 50-YEAR FLOOD
- - - 10-YEAR FLOOD
- ▨ STREAMBED
- CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY

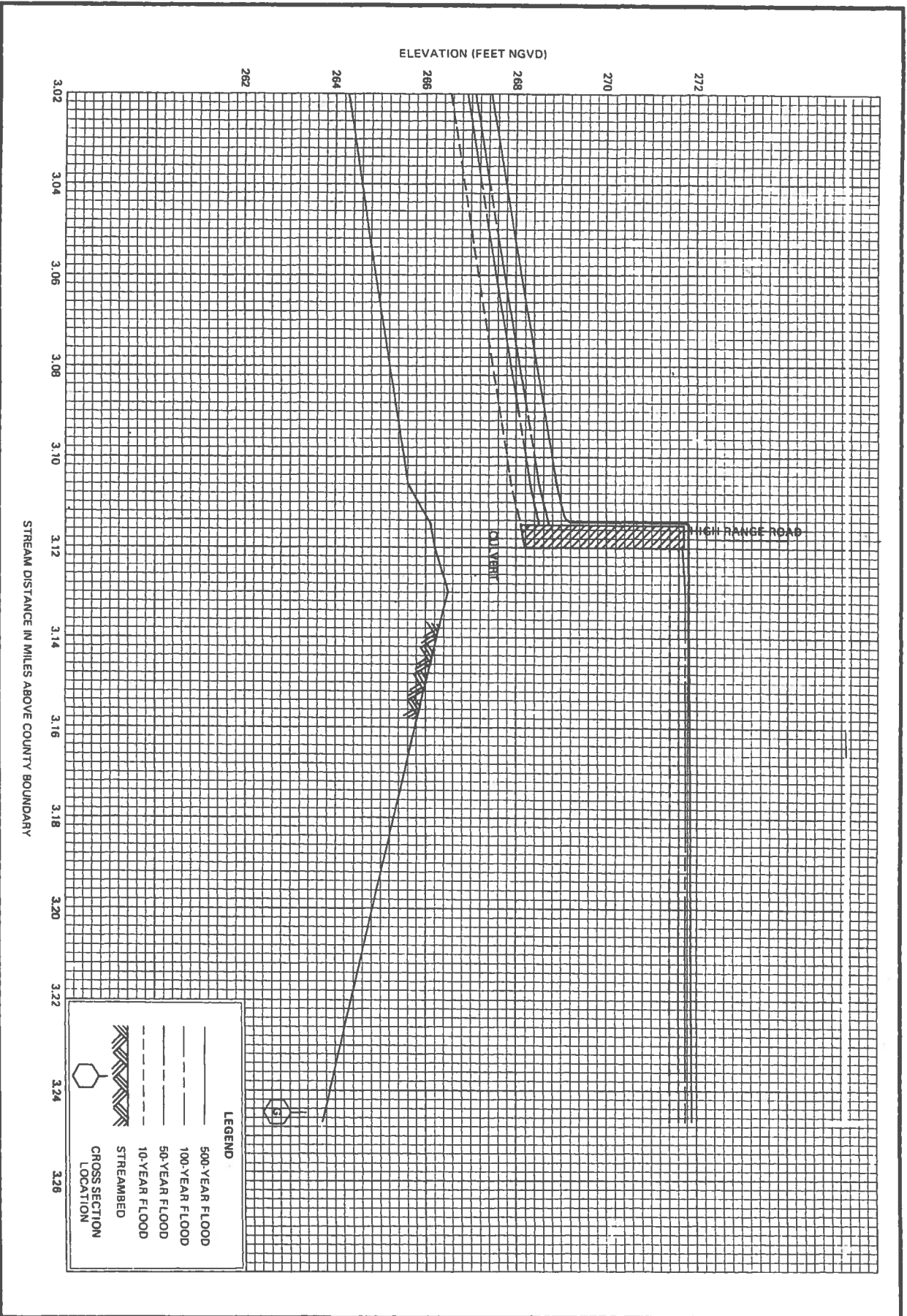
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESENKEAG BROOK**

**119P**





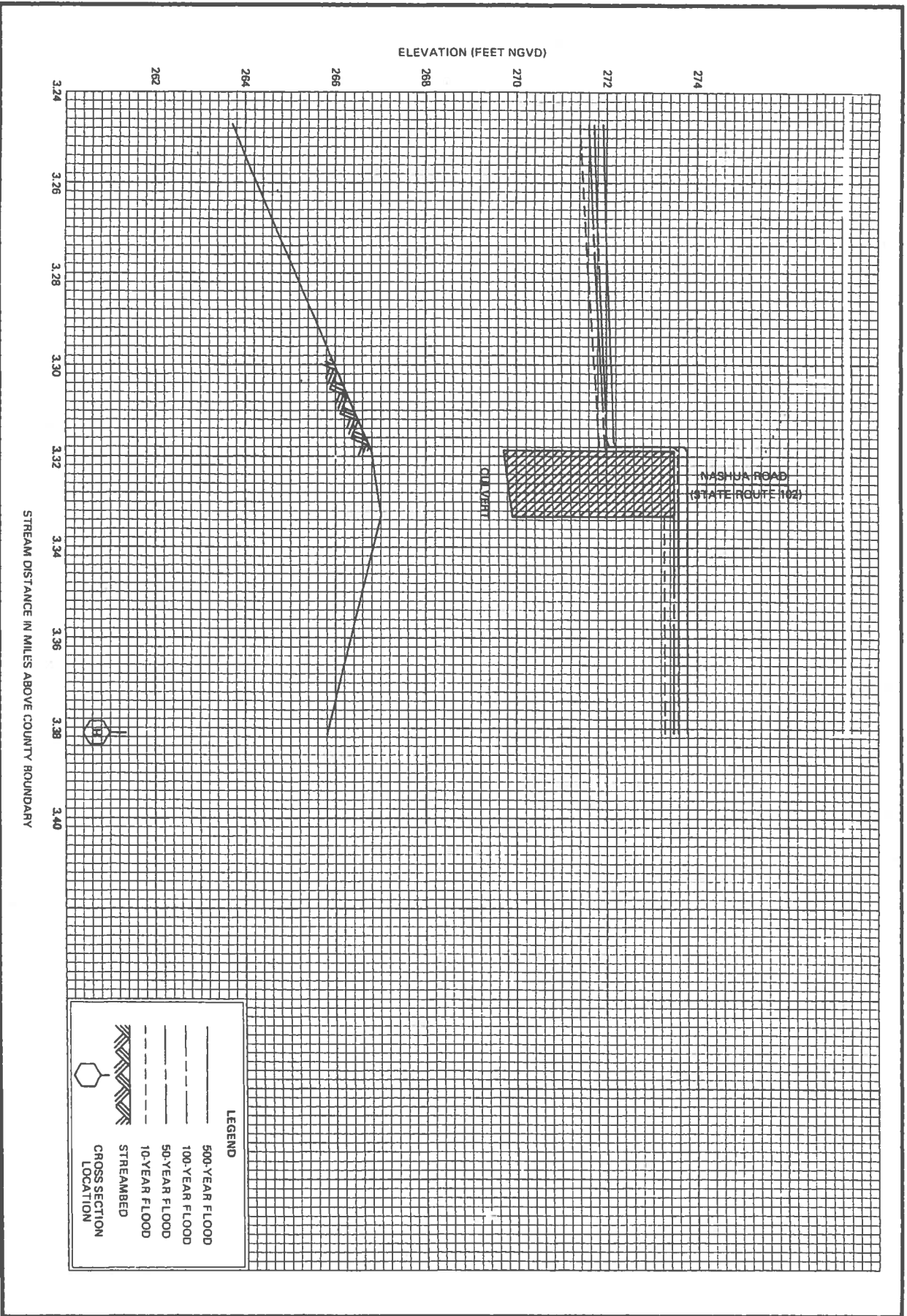
FEDERAL EMERGENCY MANAGEMENT AGENCY

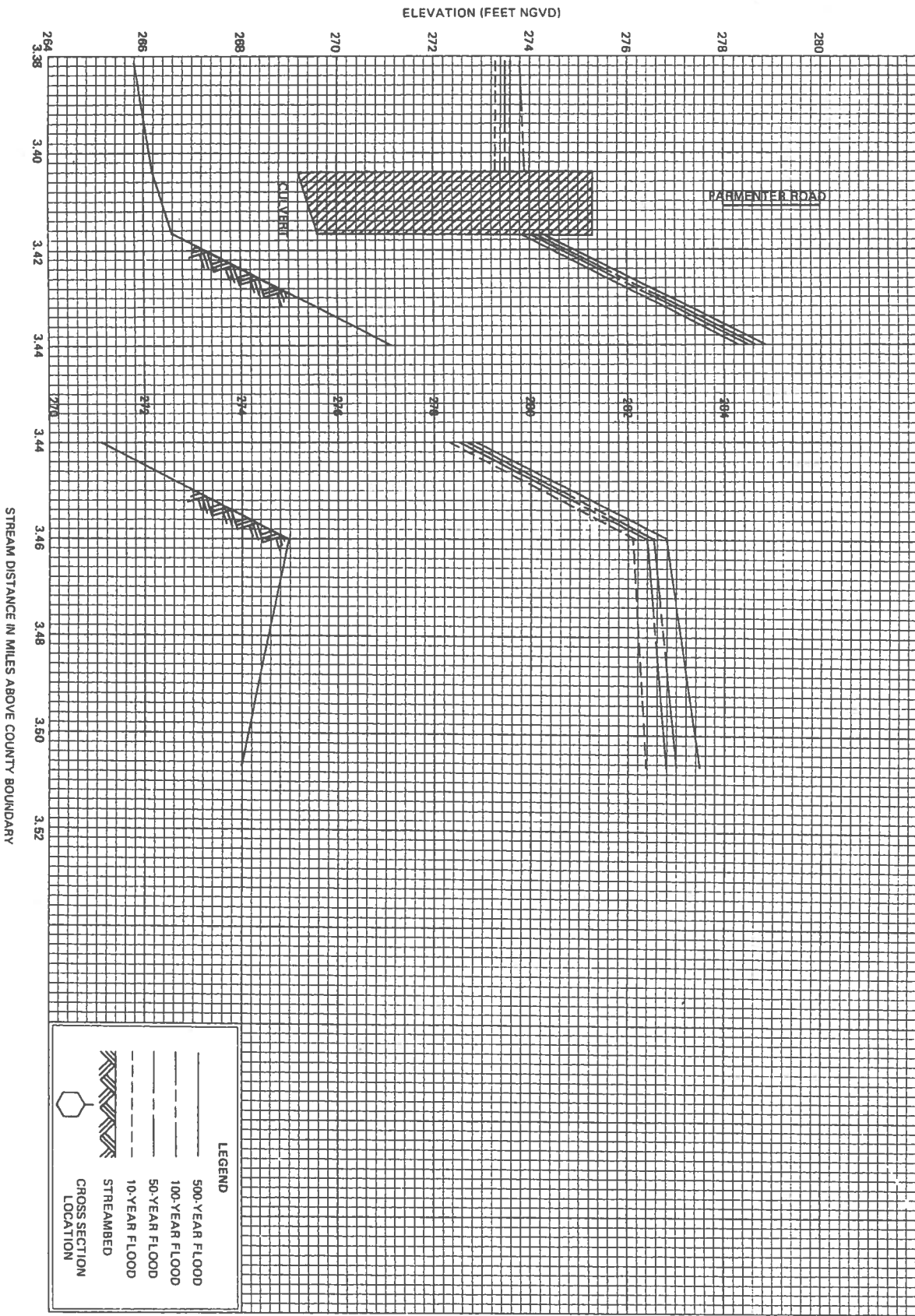
**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

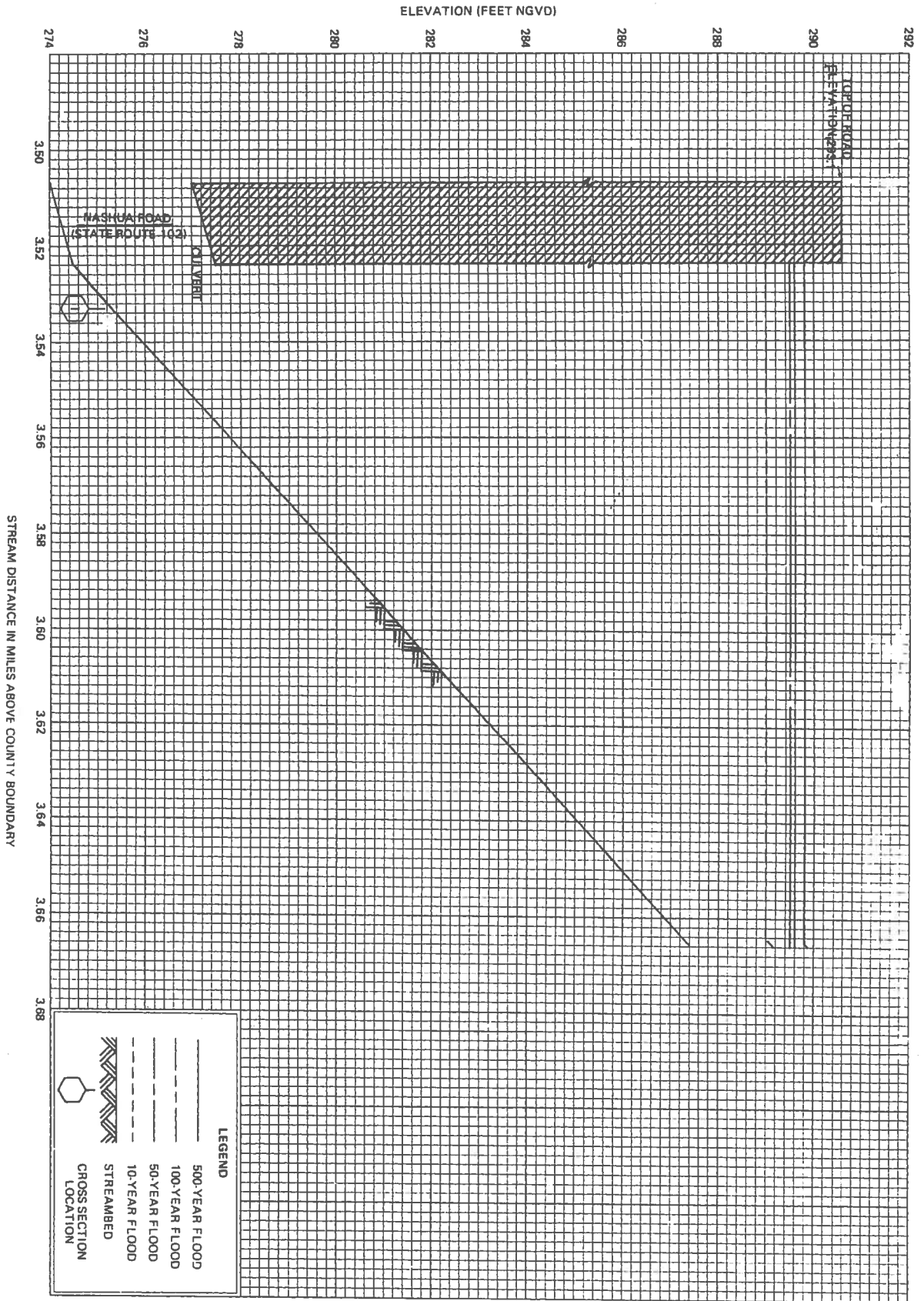
**FLOOD PROFILES**

**NESEENKEAG BROOK**

**120P**







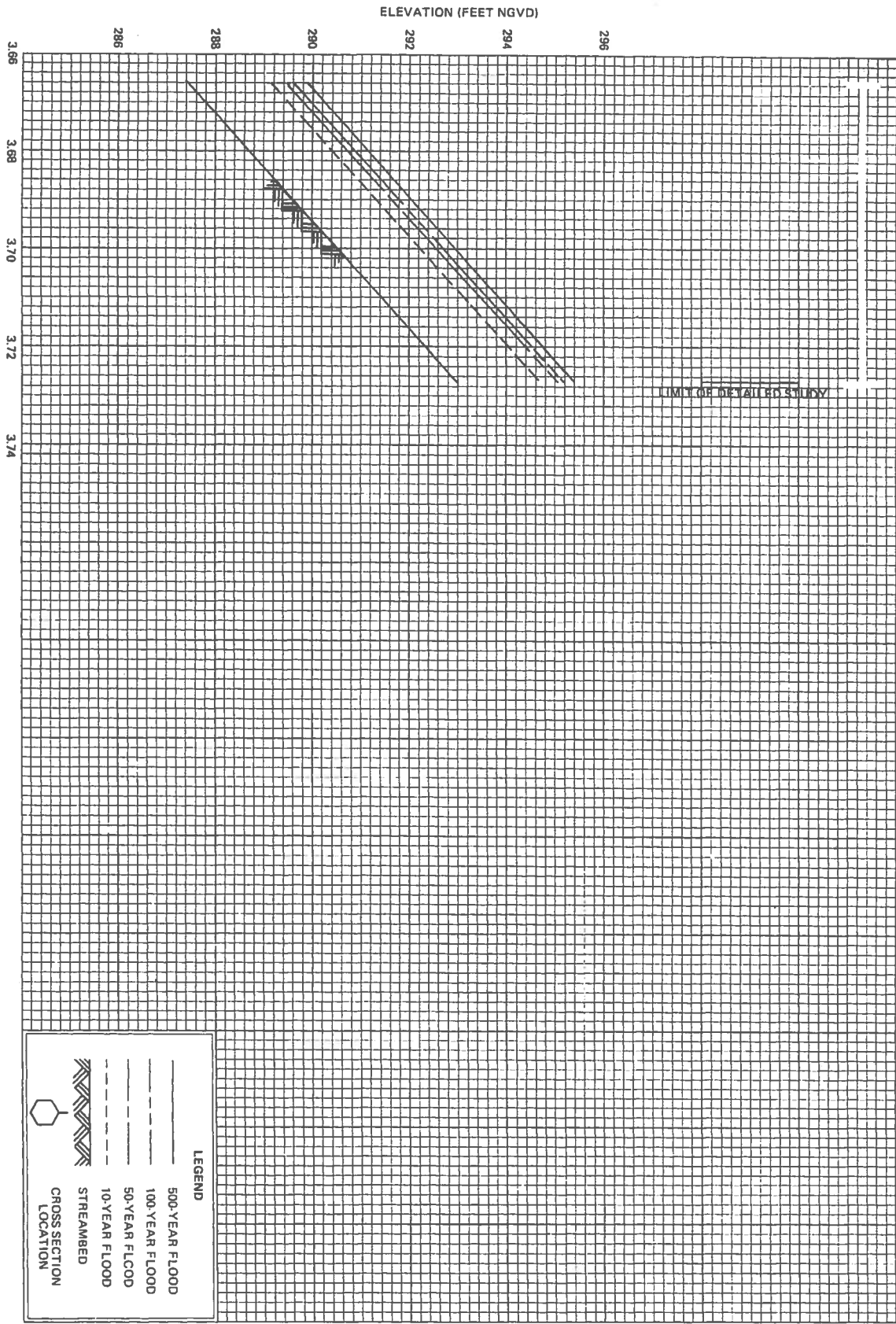
FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESEENKEAG BROOK**

**123P**



FEDERAL EMERGENCY MANAGEMENT AGENCY

**ROCKINGHAM COUNTY, NH**  
(ALL JURISDICTIONS)

**FLOOD PROFILES**

**NESENKEAG BROOK**

**124P**