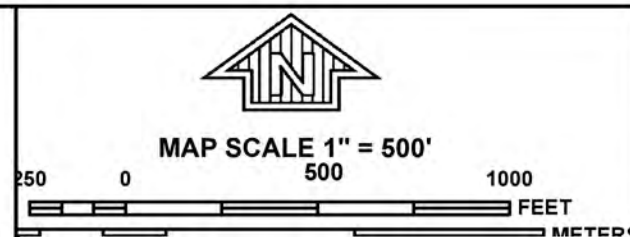
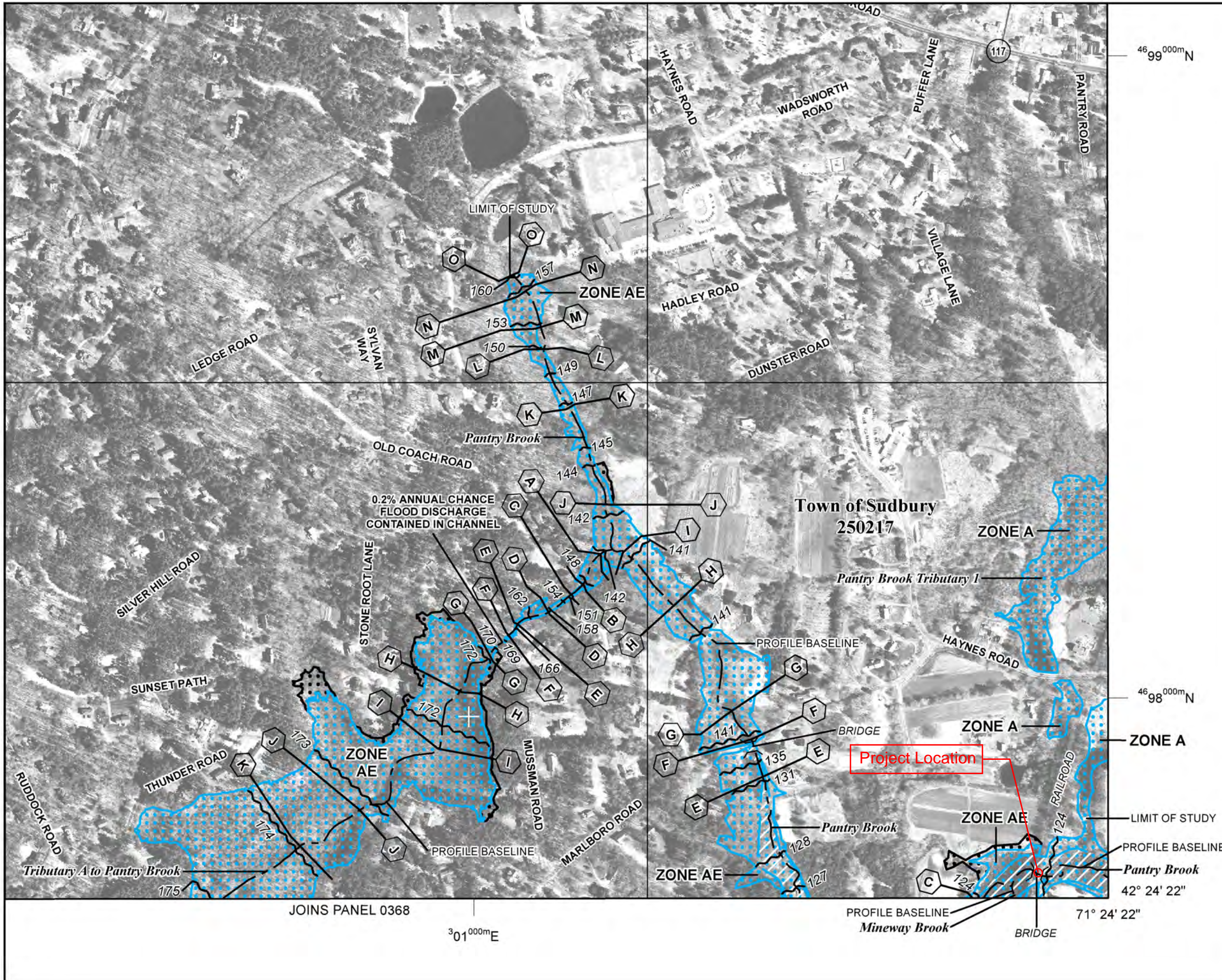


APPENDIX 6.3:

FLOOD INSURANCE RATE MAPS

FLOOD INSURANCE STUDY FLOODWAY DATA

FLOOD INSURANCE STUDY FLOOD PROFILE



NFP

PANEL 0366F

FIRM
FLOOD INSURANCE RATE MAP
MIDDLESEX COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)


PANEL 366 OF 656
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

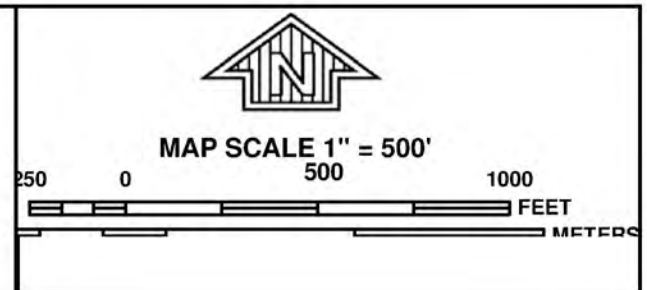
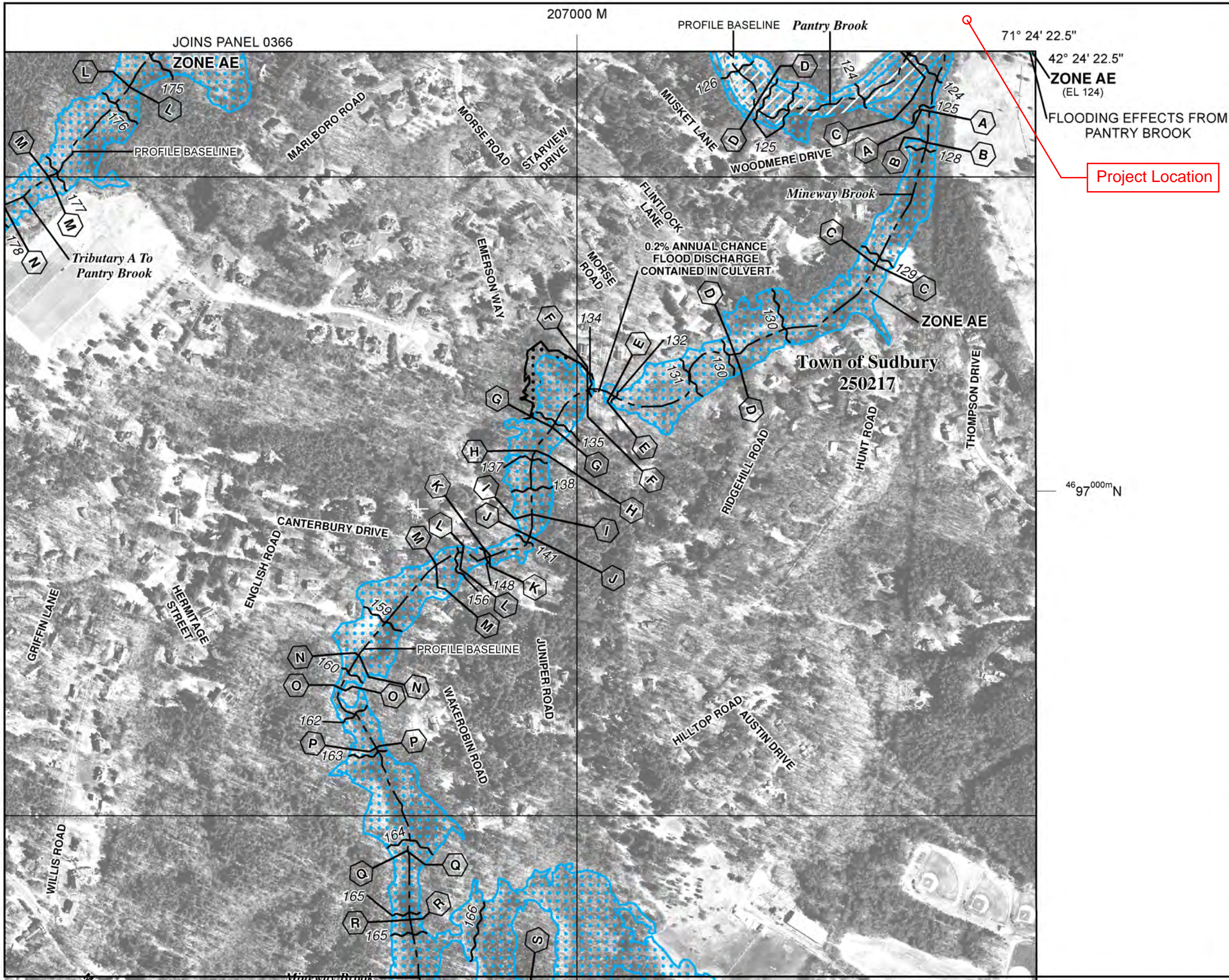
COMMUNITY	NUMBER	PANEL	SUFFIX
ACTON, TOWN OF	250176	0366	F
CONCORD, TOWN OF	250189	0366	F
MAYNARD, TOWN OF	250204	0366	F
SUDBURY, TOWN OF	250217	0366	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
25017C0366F
MAP REVISED
JULY 7, 2014


 Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



71° 24' 22.5"
 42° 24' 22.5"
ZONE AE
 (EL 124)
 FLOODING EFFECTS FROM
 PANTRY BROOK
 Project Location

PANEL 0368F

FIRM
 FLOOD INSURANCE RATE MAP
 MIDDLESEX COUNTY,
 MASSACHUSETTS
 (ALL JURISDICTIONS)

PANEL 368 OF 656
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SUDBURY, TOWN OF	250217	0368	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
 25017C0368F
MAP REVISED
 JULY 7, 2014

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Pantry Brook								
A	7,750 ¹	56	105	2.3	121.2	114.7 ⁴	115.6	0.9
B	9,590 ¹	150	585	0.4	123.5	123.5	123.5	0.0
C	10,640 ¹	150	252	1.0	123.8	123.8	123.8	0.0
D	11,540 ¹	190	232	1.0	124.7	124.7	124.8	0.1
E	12,550 ¹	9	29	8.2	131.1	131.1	132.0	0.9
F-O*								
Pearl Hill Brook								
A	2,990 ²	32	106	5.2	320.8	320.8	321.3	0.5
B	3,550 ²	45	91	6.1	328.4	328.4	328.6	0.2
C	4,640 ²	25	71	7.8	335.1	335.1	335.2	0.1
D	7,300 ²	35	84	6.6	349.5	349.5	350.0	0.5
E	9,145 ²	17	65	8.6	364.1	364.1	364.6	0.5
Peppermint Brook								
A	900 ³	31	60	5.0	70.6	65.7 ⁵	66.1	0.4
B	1,260 ³	78	405	0.7	72.5	72.4	73.4	1.0
C	1,800 ³	70	453	0.7	74.0	73.9	74.7	0.8
D	2,300 ³	63	235	1.3	74.3	74.2	75.2	1.0
E	2,400 ³	117	833	0.4	80.0	80.0	80.7	0.7
F	3,500 ³	40	333	0.9	80.0	80.0	80.7	0.7
G	3,760 ³	11	85	3.4	80.0	80.0	80.7	0.7
H	3,980 ³	69	280	1.0	80.1	80.1	80.8	0.7
I	4,200 ³	20	107	2.7	80.1	80.1	80.8	0.7
J	4,340 ³	33	82	3.0	80.8	80.8	81.3	0.5

¹ Feet above confluence with Sudbury River

² Feet above confluence with Walker Brook 2

³ Feet above confluence with Beaver Brook 3

⁴ Elevation computed without consideration of backwater effects from Sudbury River

⁵ Elevation computed without consideration of backwater effects from Beaver Brook 3

* No data available

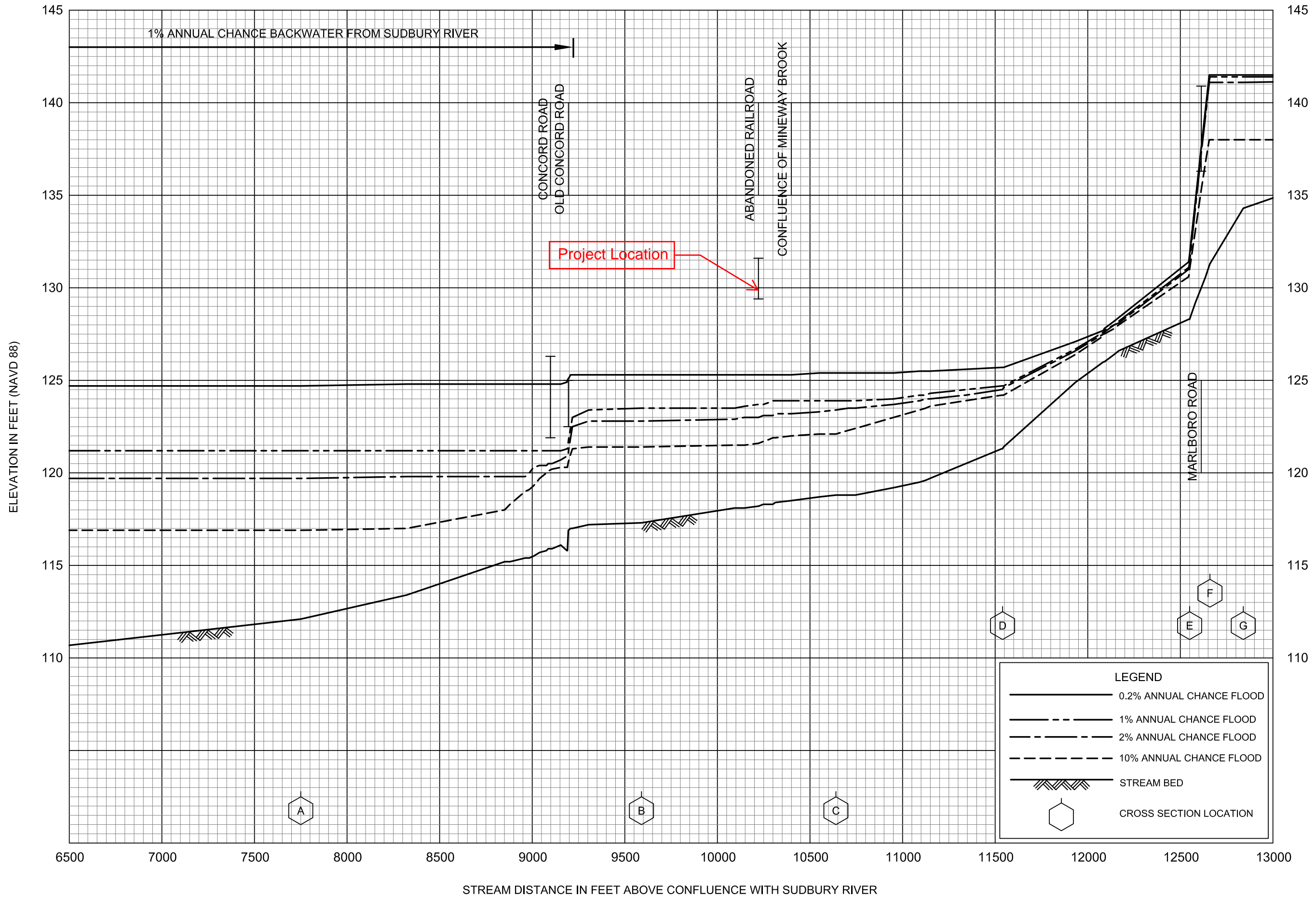
TABLE 12

FEDERAL EMERGENCY MANAGEMENT AGENCY

**MIDDLESEX COUNTY, MA
(ALL JURISDICTIONS)**

FLOODWAY DATA

**PANTRY BROOK – PEARL HILL BROOK –
PEPPERMINT BROOK**



FLOOD PROFILES

PANTRY BROOK

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)