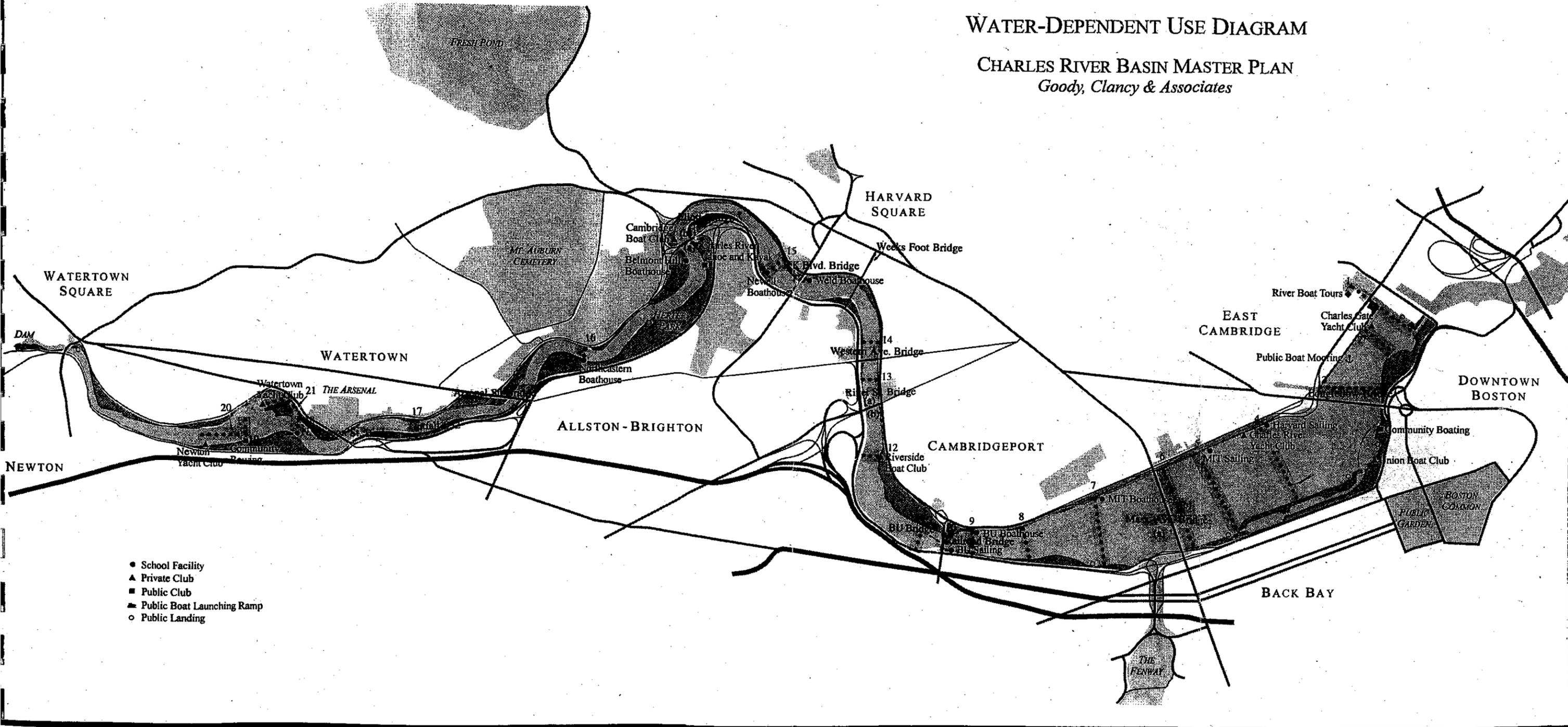
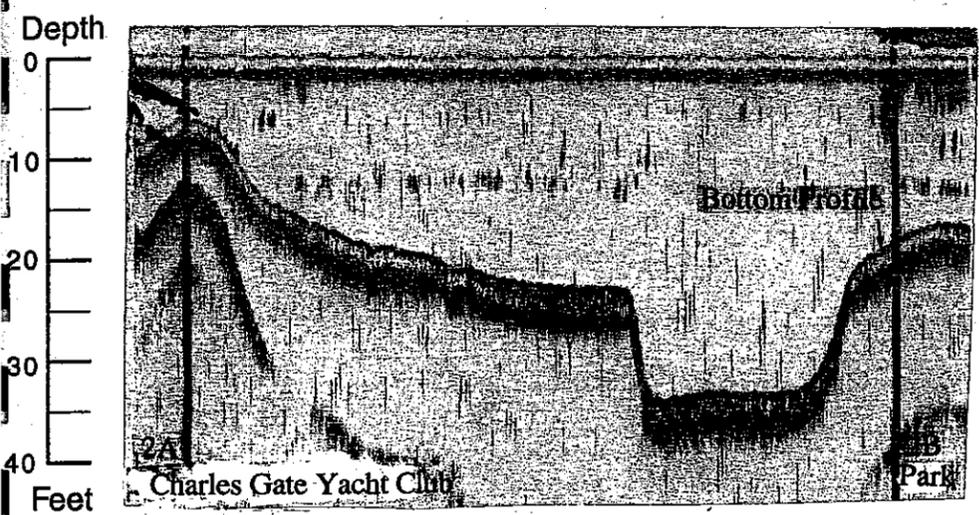
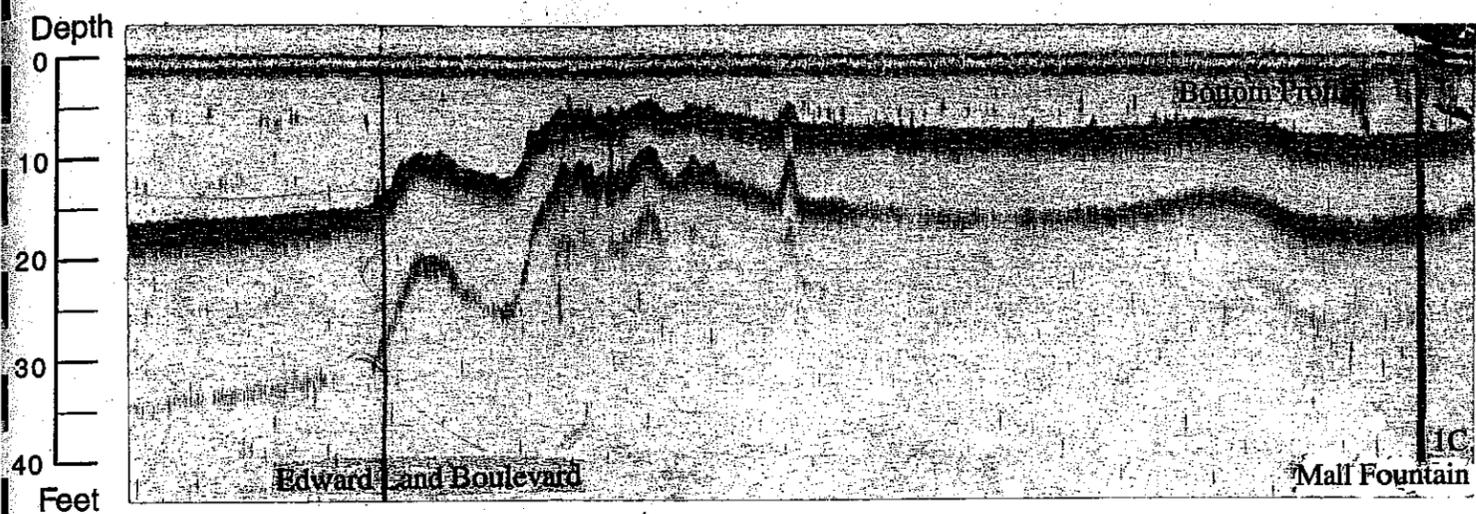
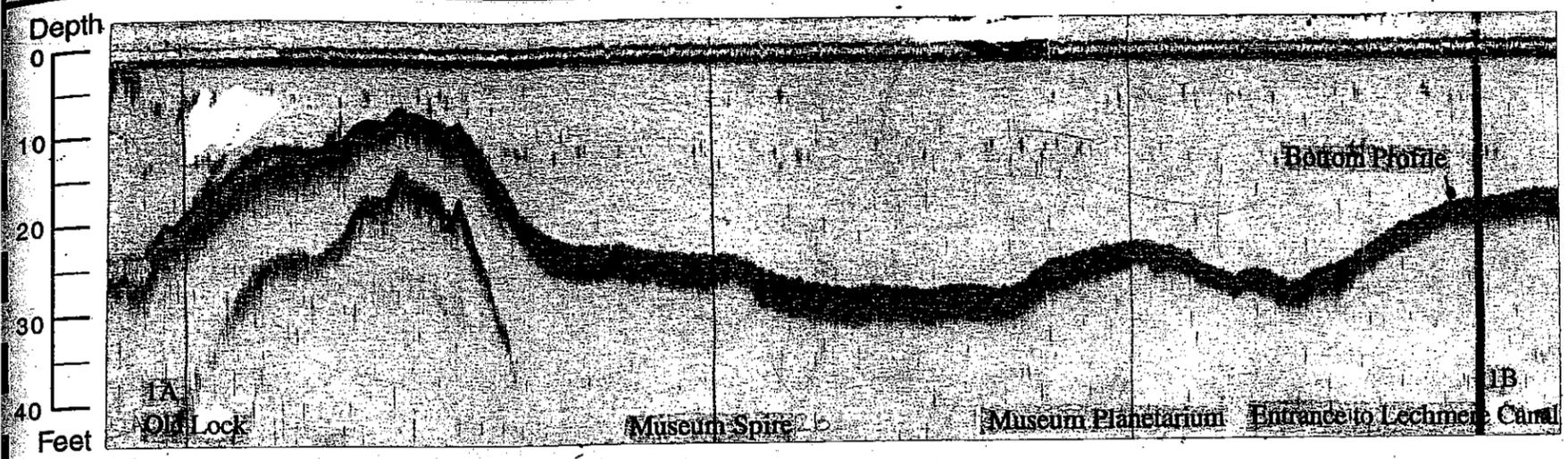


WATER-DEPENDENT USE DIAGRAM

CHARLES RIVER BASIN MASTER PLAN
Goody, Clancy & Associates



KEY MAP OF BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
JULY 31, 1997

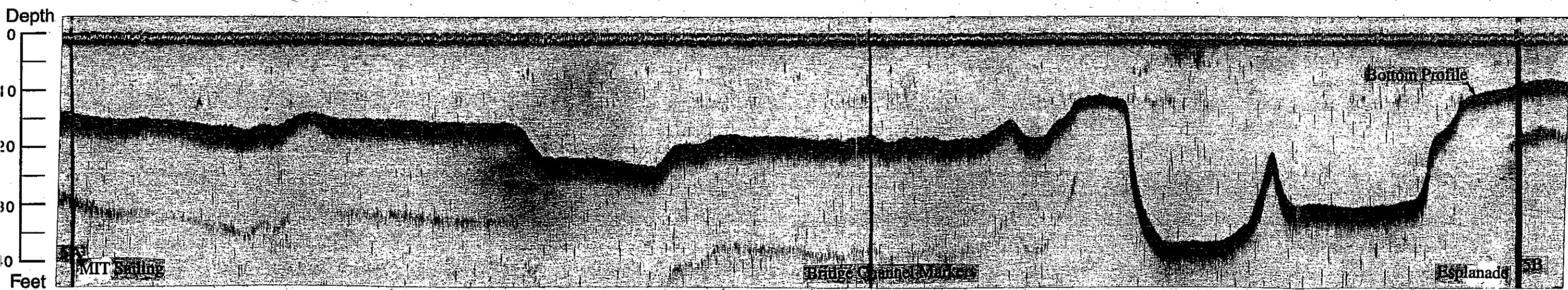
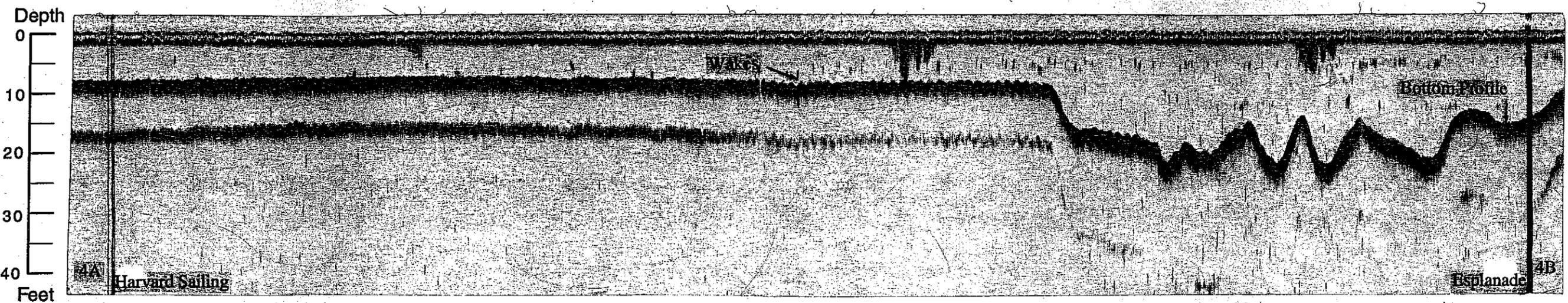
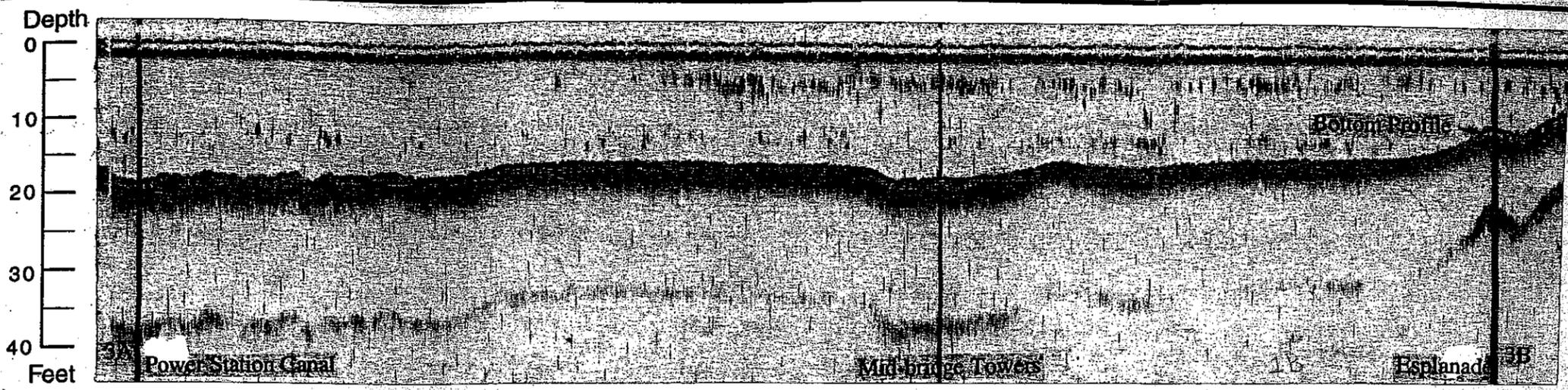


BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
 JULY 31, 1997

PROFILES 1A - 1C NOT FOR NAVIGATIONAL USE
 2A - 2B

Note: The soundings were conducted when the river was at elevation 107.75 ft. MDC Base. The normal pool elevation is 108 ft, MDC Base.

FIGURE 3-2
 CORTELL ASSOCIATES

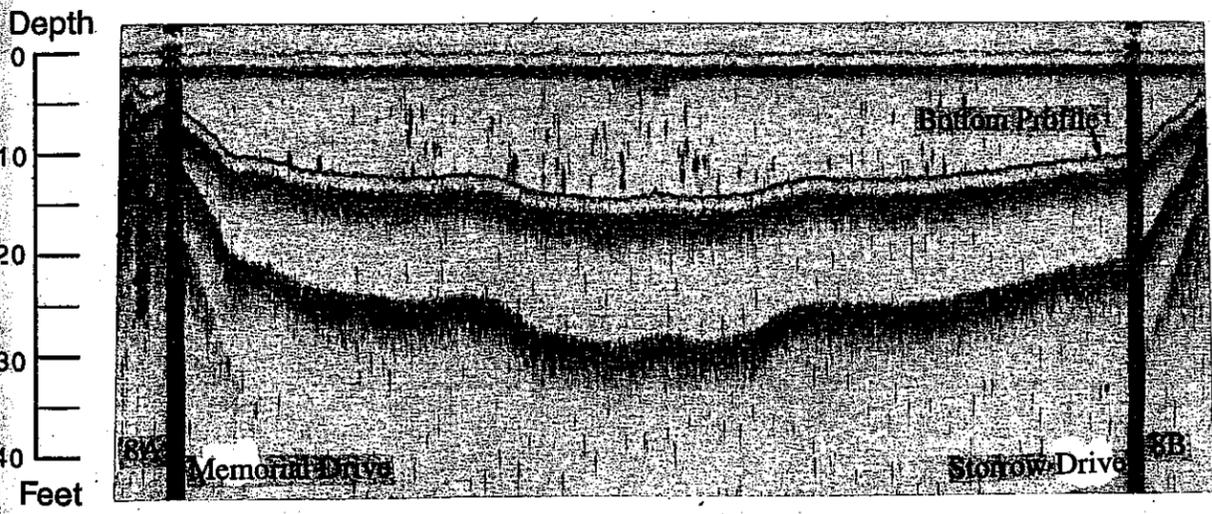
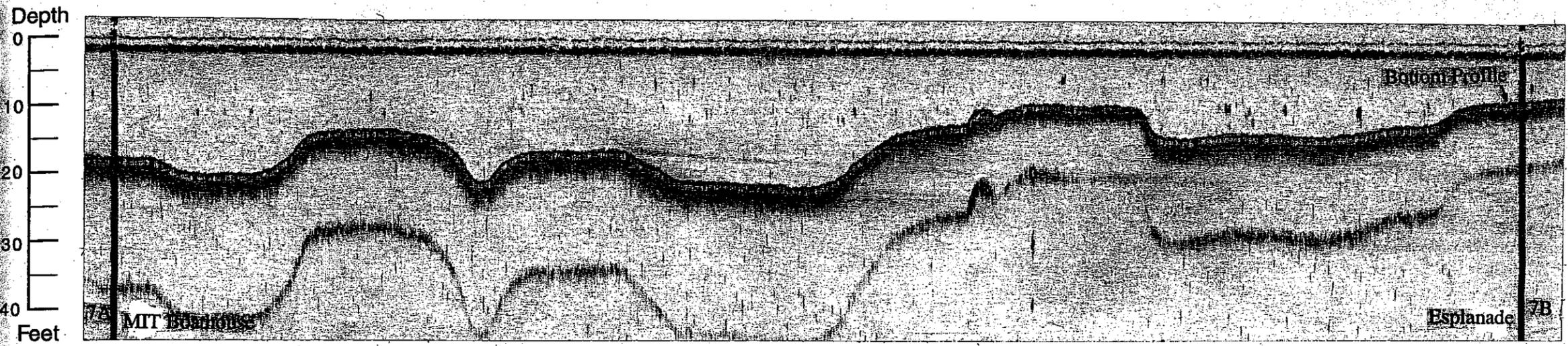
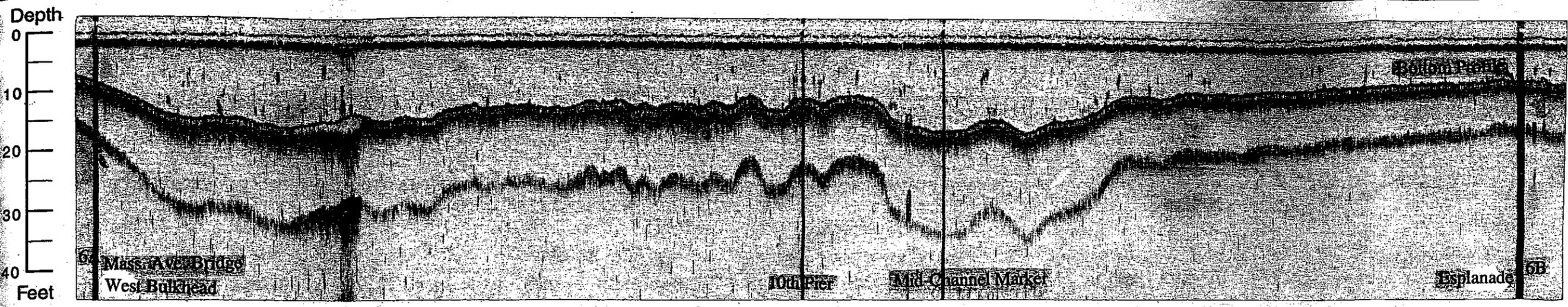


OTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
 JULY 31, 1997

PROFILES 3A - 3B NOT FOR NAVIGATIONAL USE
 4A - 4B
 5A - 5B

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

FIGURE 3-3
 CORTELL ASSOCIATES



BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
 JULY 31, 1997

PROFILES 6A - 6B
 7A - 7B
 8A - 8B

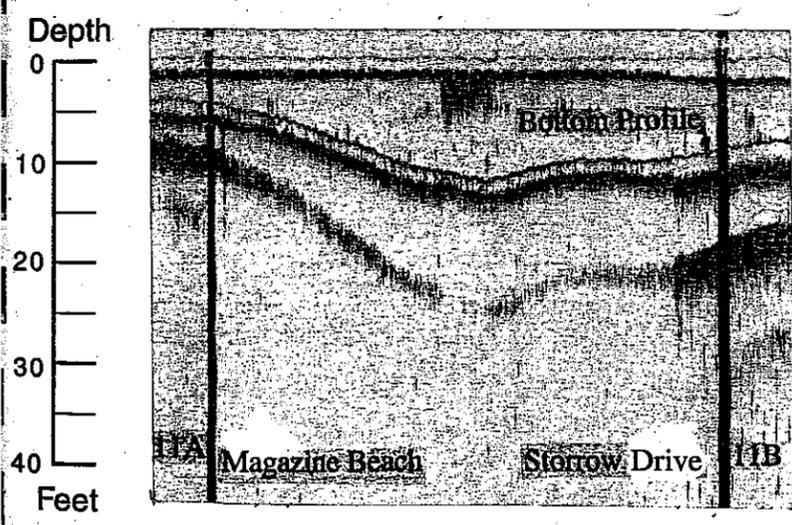
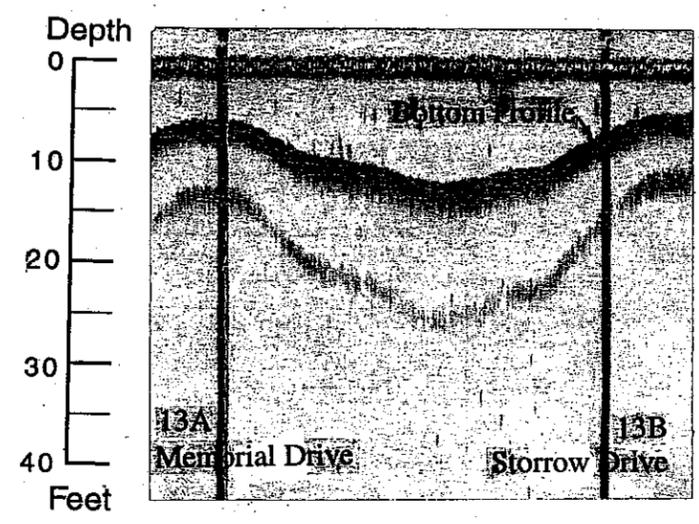
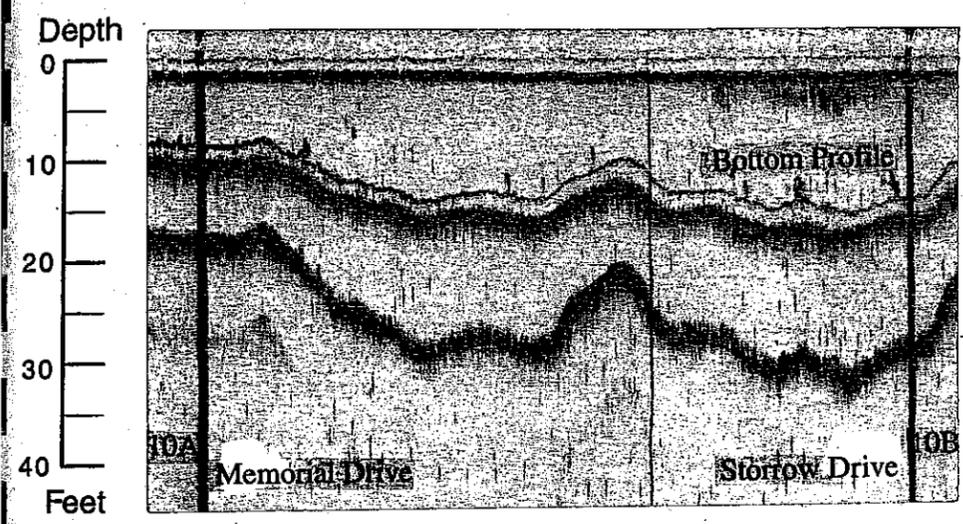
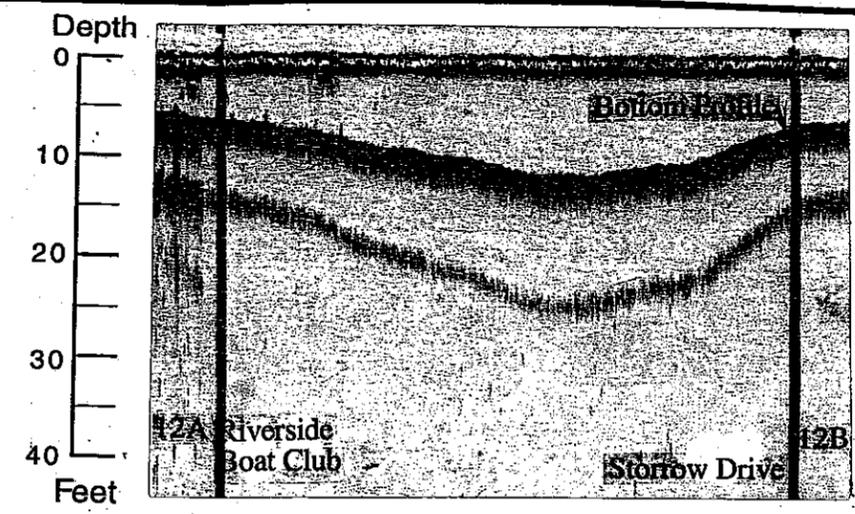
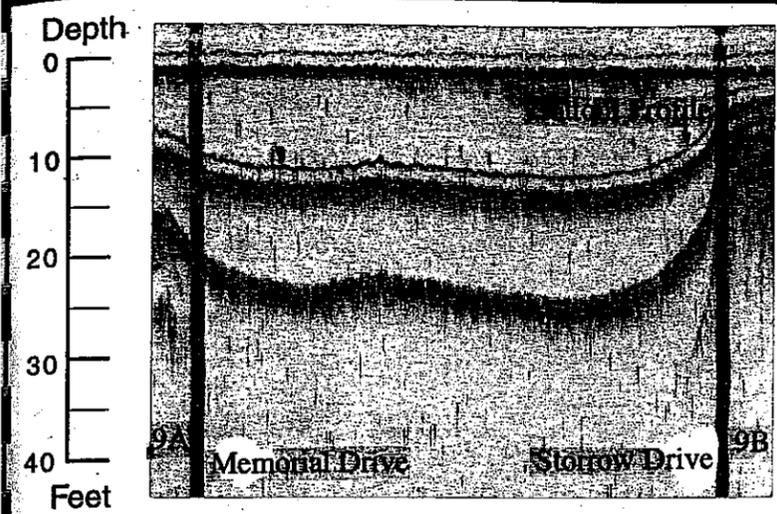
NOT FOR NAVIGATIONAL USE

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

FIGURE

3-4



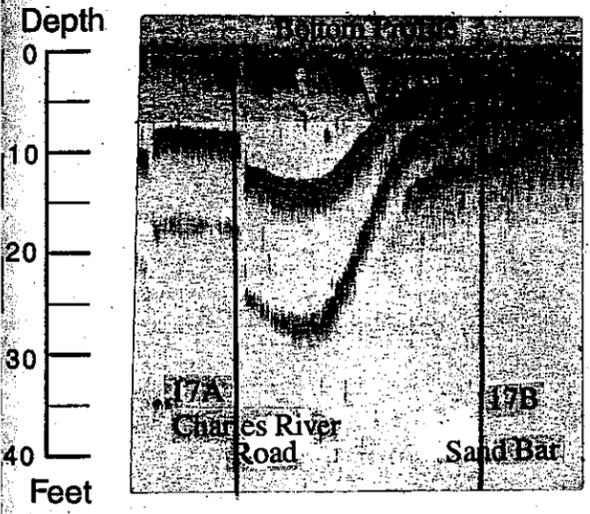
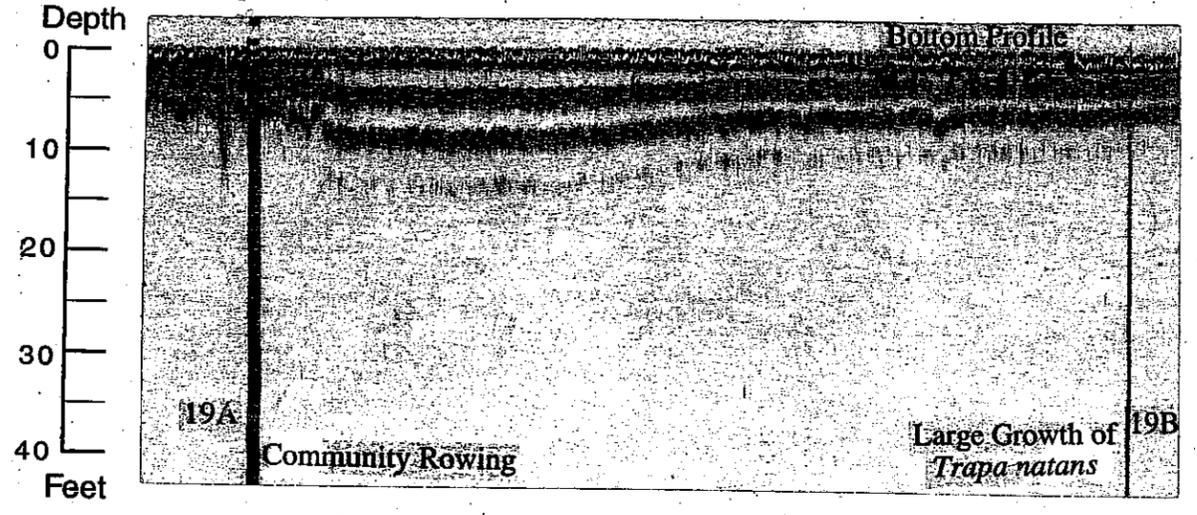
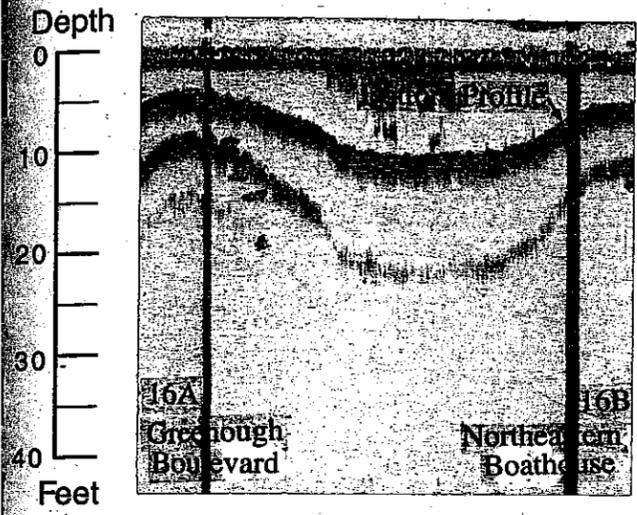
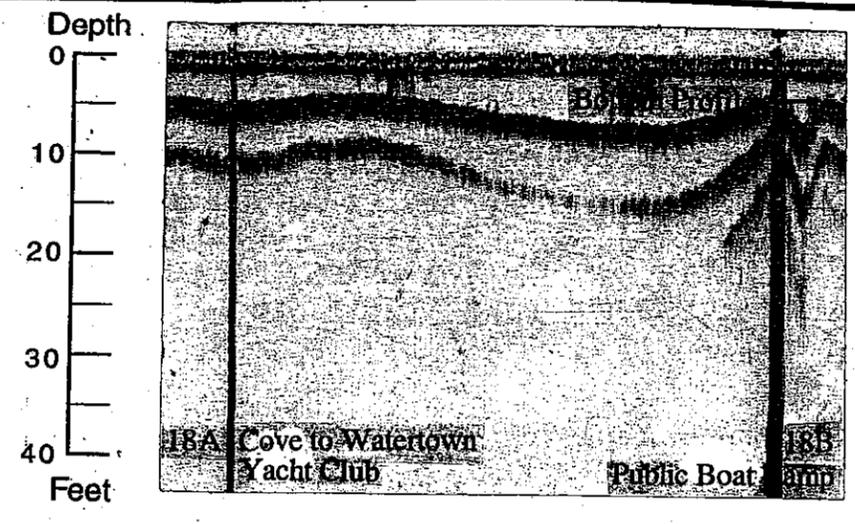
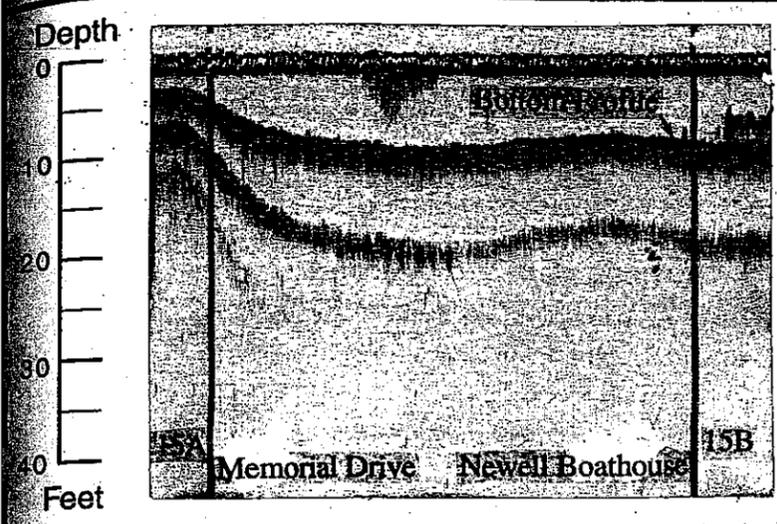


BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
JULY 31, 1997

PROFILES 9A - 9B 12A - 12B
10A - 10B 13A - 13B
11A - 11B 14A - 14B

NOT FOR NAVIGATIONAL USE

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

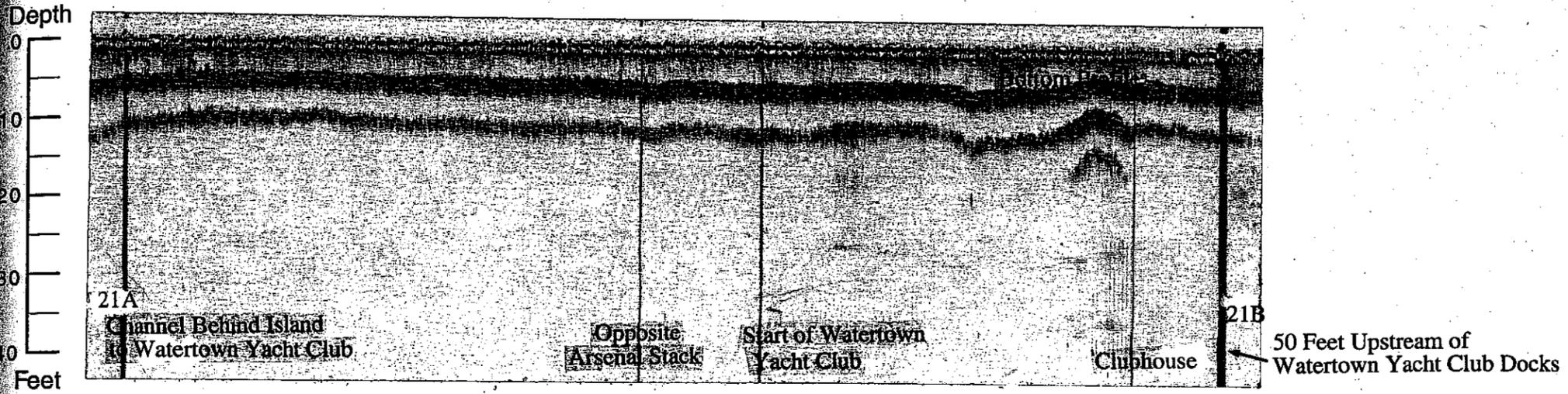
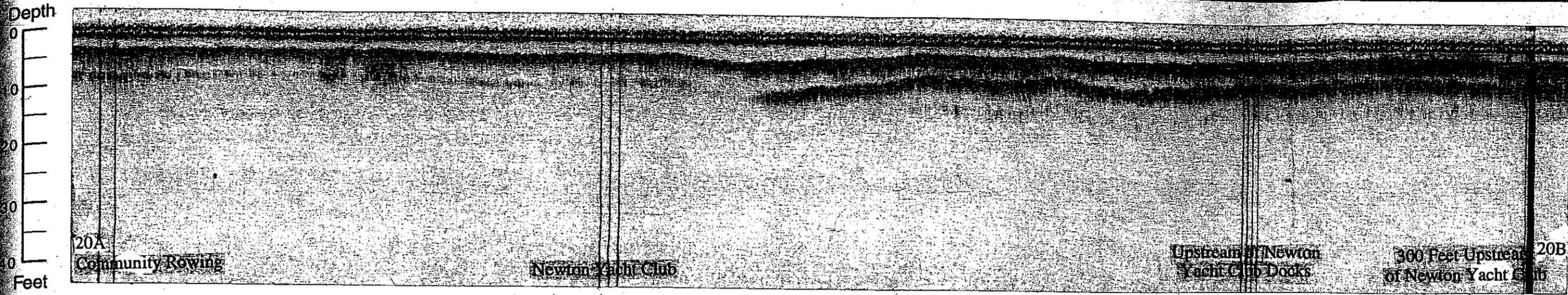


BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
 JULY 31, 1997

PROFILES 15A - 15B 18A - 18B NOT FOR NAVIGATIONAL USE
 16A - 16B 19A - 19B
 17A - 17B

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

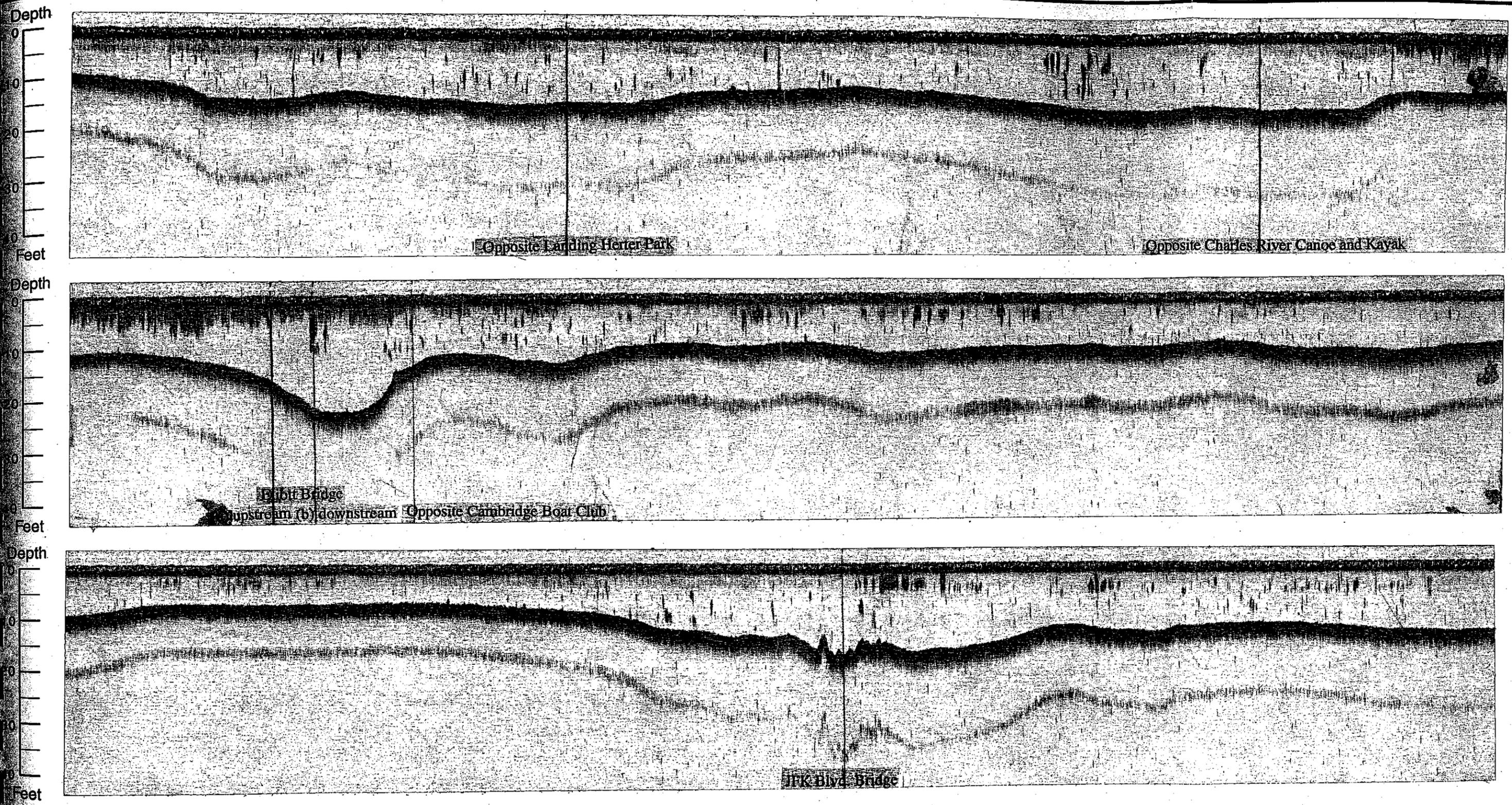
FIGURE 3-6
 CORTELL ASSOCIATES



BOTTOM PROFILES OF THE LOWER CHARLES RIVER BASIN
JULY 31, 1997

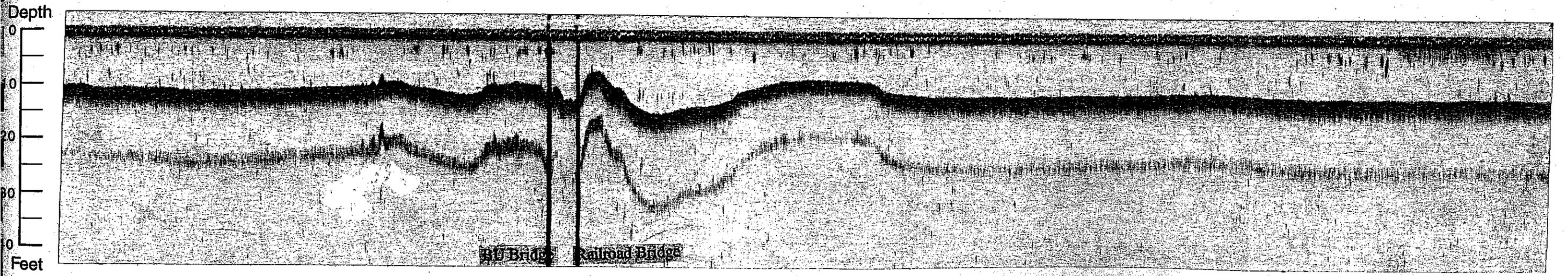
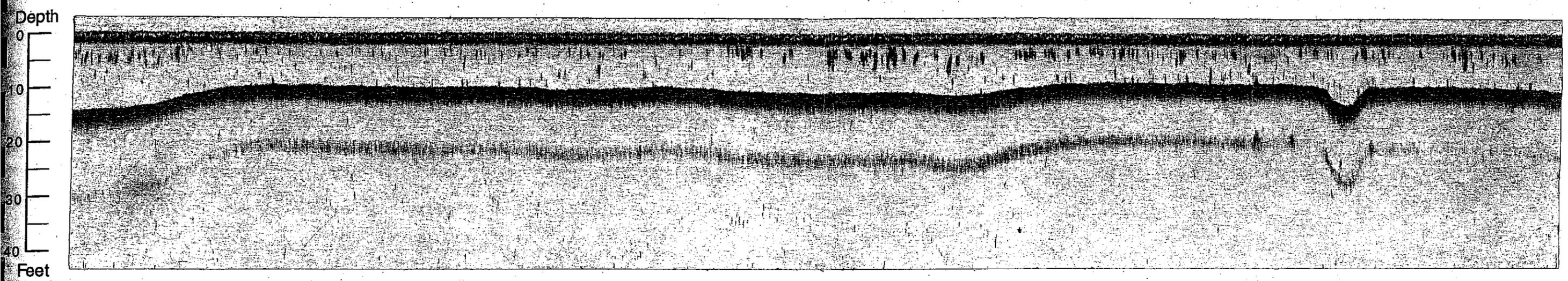
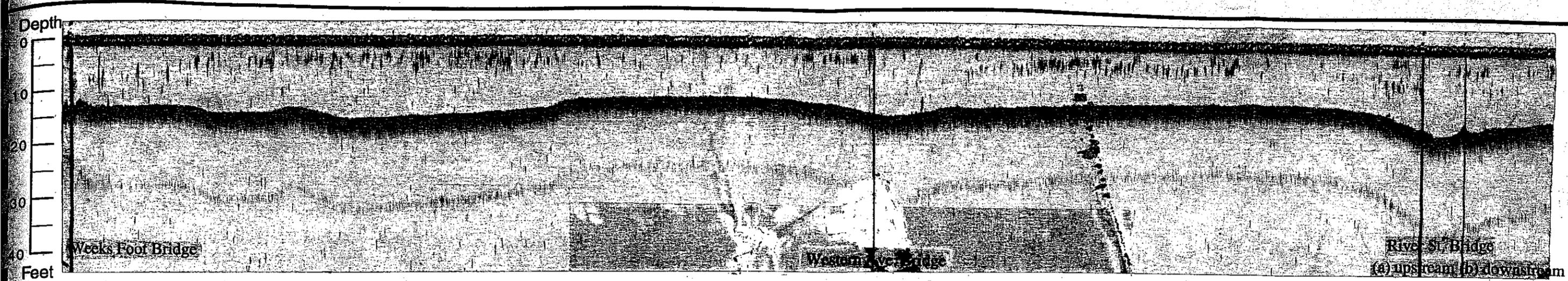
PROFILES 20A - 20B NOT FOR NAVIGATIONAL USE
21A - 21B

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.



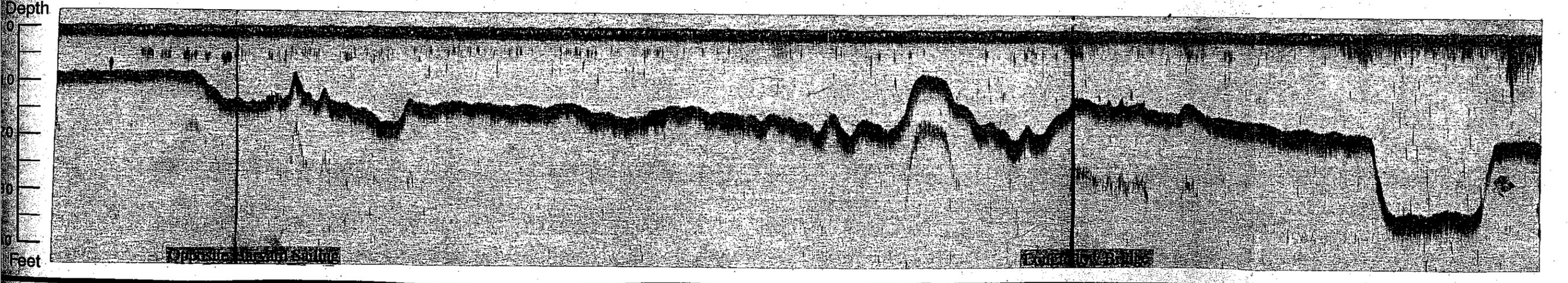
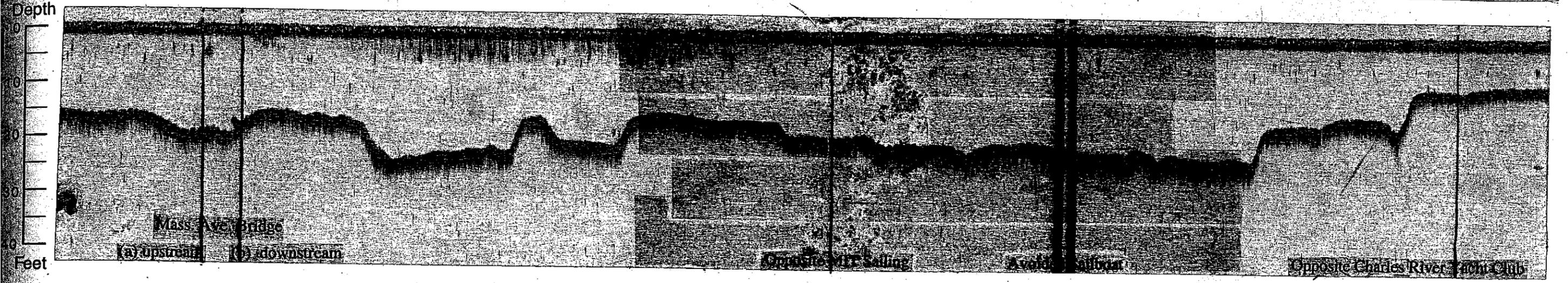
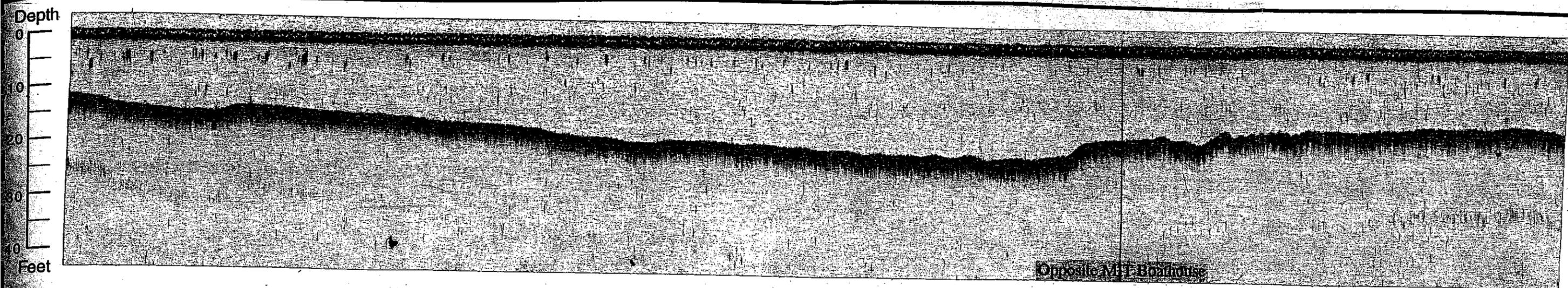
MIDDLE RIVER BOTTOM PROFILE OF THE LOWER CHARLES RIVER BASIN:
 WATERTOWN YACHT CLUB THROUGH OLD LOCK (continued)
 MAY 31, 1997

NOT FOR NAVIGATIONAL USE Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.



MID-RIVER BOTTOM PROFILE OF THE LOWER CHARLES RIVER BASIN:
 WATERTOWN YACHT CLUB THROUGH OLD LOCK (continued)
 JULY 31, 1997

NOT FOR NAVIGATIONAL USE Note: The soundings were conducted when the river was at elevation 107.75 ft,
 MDC Base. The normal pool elevation is 108 ft, MDC Base.



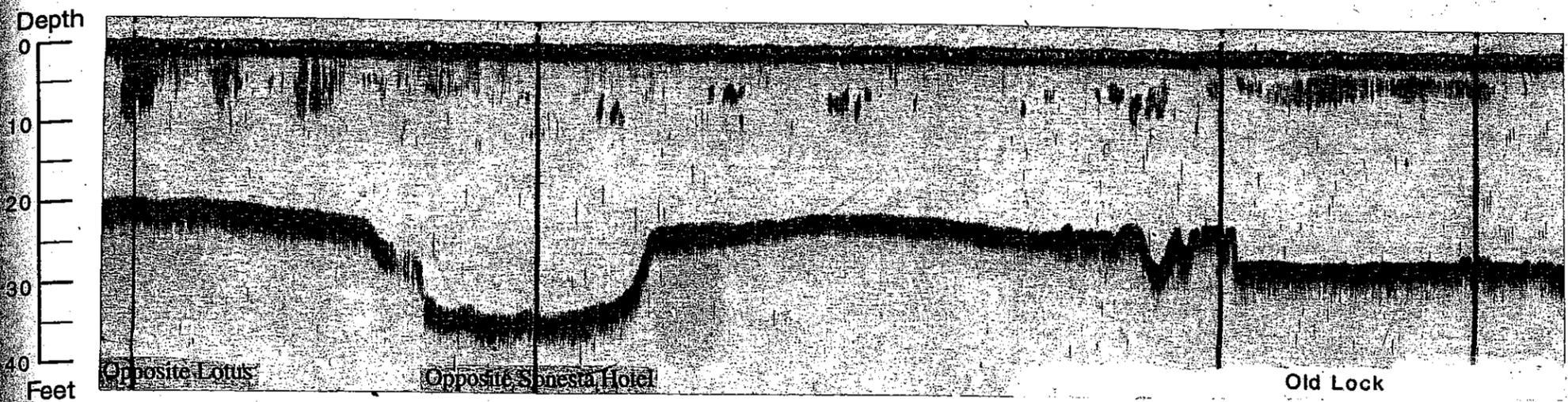
CHARLES RIVER BOTTOM PROFILE OF THE LOWER CHARLES RIVER BASIN:
 WATERTOWN YACHT CLUB THROUGH OLD LOCK (continued)
 MAY 31, 1997

NOT FOR NAVIGATIONAL USE

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

FIGURE
 3-11





MID-RIVER BOTTOM PROFILE OF THE LOWER CHARLES RIVER BASIN:
 WATERTOWN YACHT CLUB THROUGH OLD LOCK (continued)

JULY 31, 1997

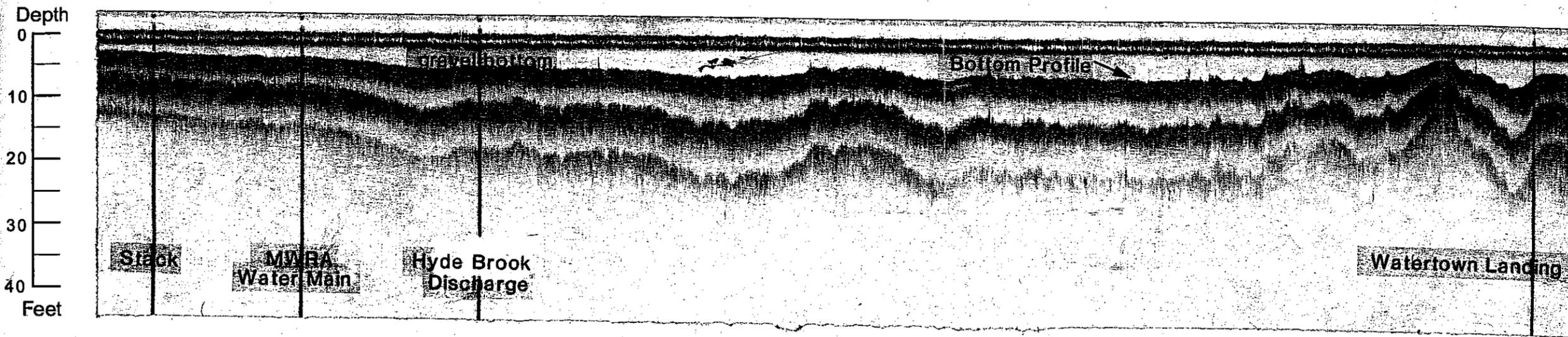
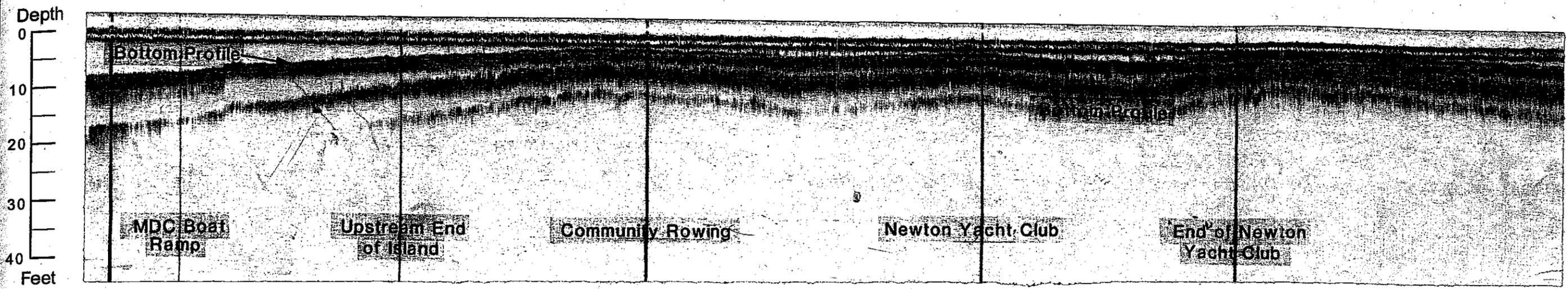
NOT FOR NAVIGATIONAL USE

Note: The soundings were conducted when the river was at elevation 107.75 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

FIGURE

CORTELL ASSOCIATES

3-12



**MID-RIVER BOTTOM PROFILE OF THE LOWER CHARLES RIVER BASIN:
MDC NONANTUM ROAD BOAT RAMP TO WATERTOWN LANDING
OCTOBER 8, 1997**

NOT FOR NAVIGATIONAL USE

Note: The soundings were conducted when the river was at elevation 107.71 ft, MDC Base. The normal pool elevation is 108 ft, MDC Base.

**FIGURE
3-13**

**CORTELL
ASSOCIATES**

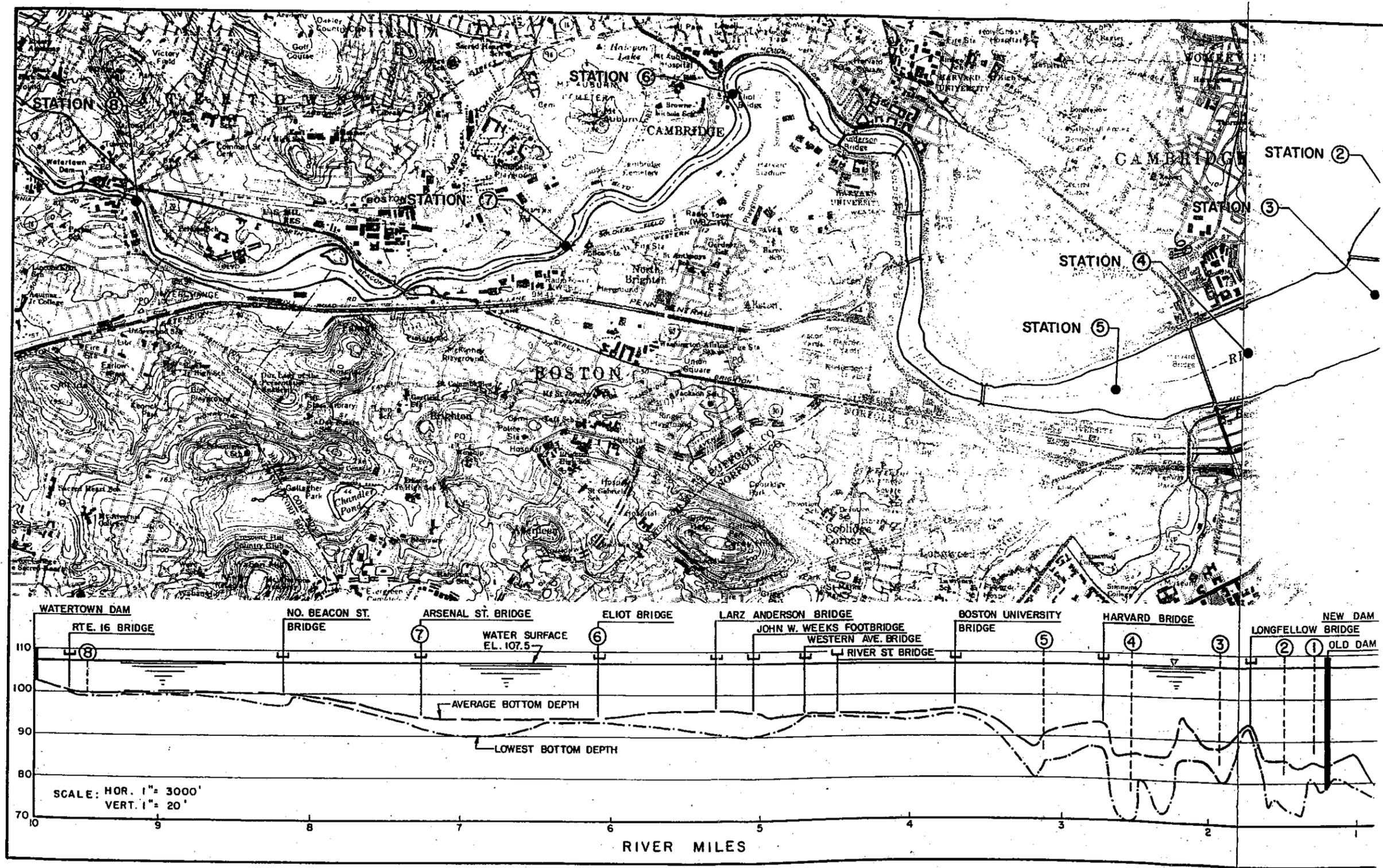


Figure 3-14
Bottom Profile of The Lower
Charles River Basin In 1976

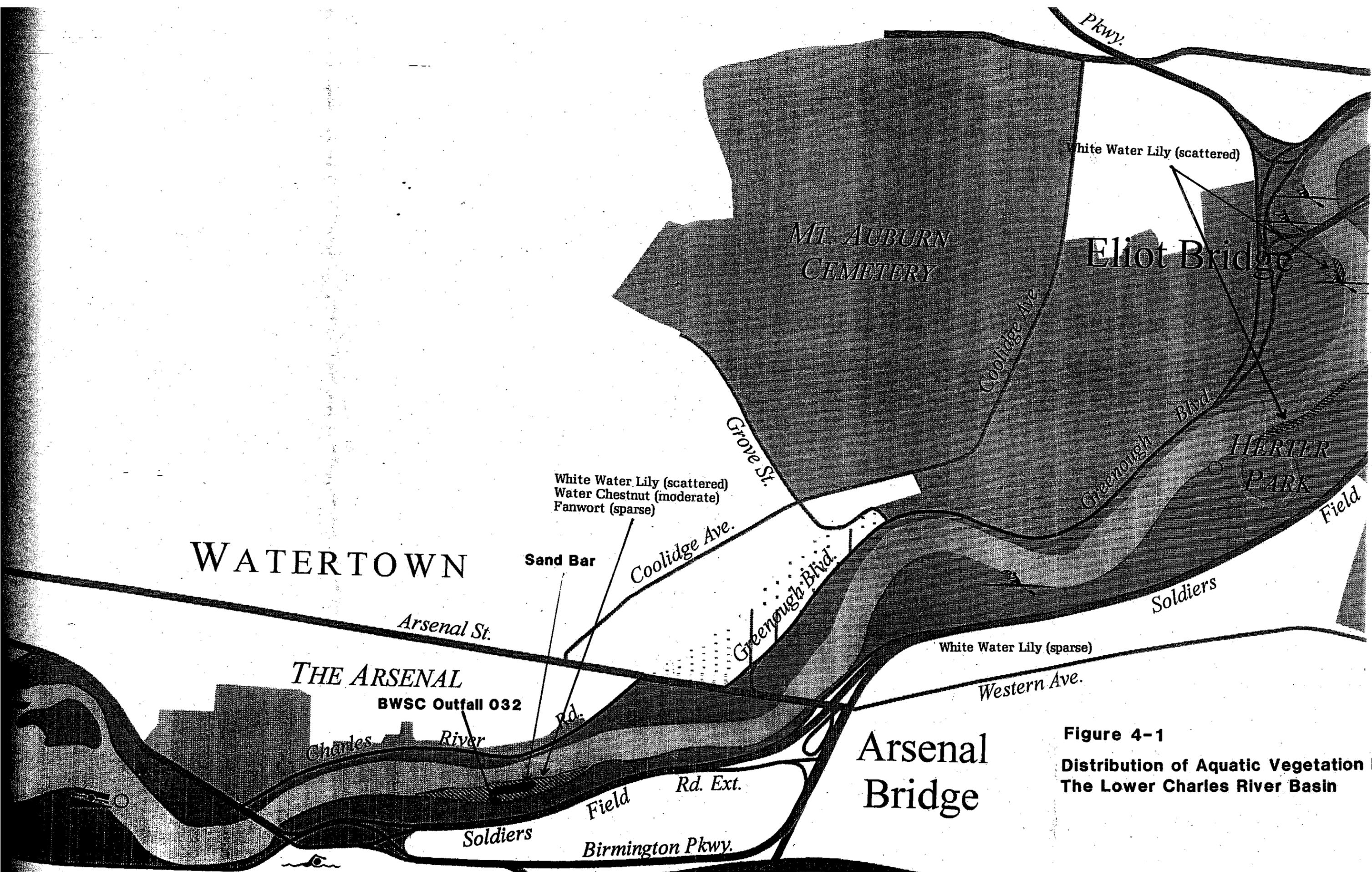


Figure 4-1
Distribution of Aquatic Vegetation In
The Lower Charles River Basin

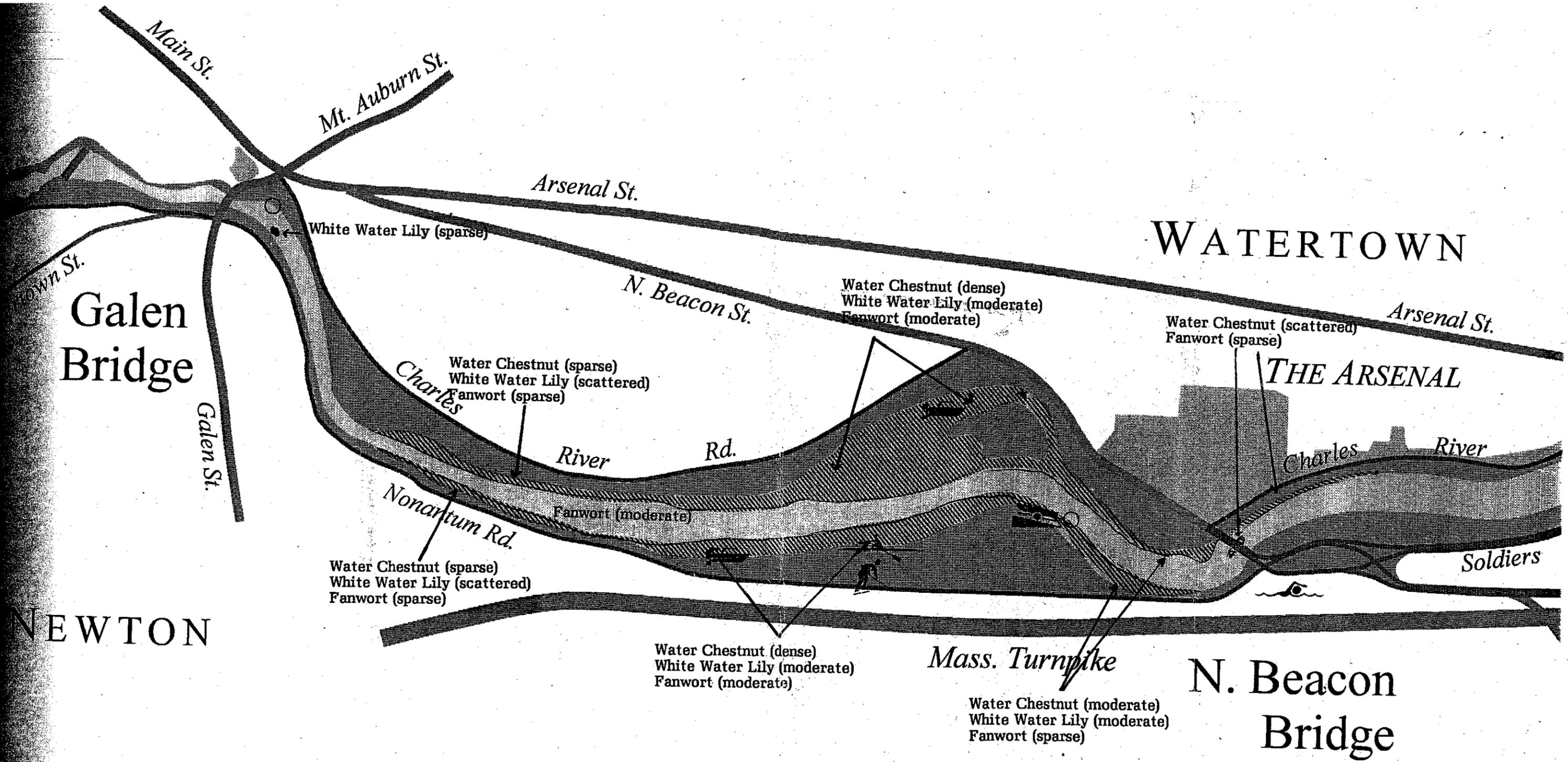


Figure 4-2
Distribution of Aquatic Vegetation
In The Lower Charles River Basin