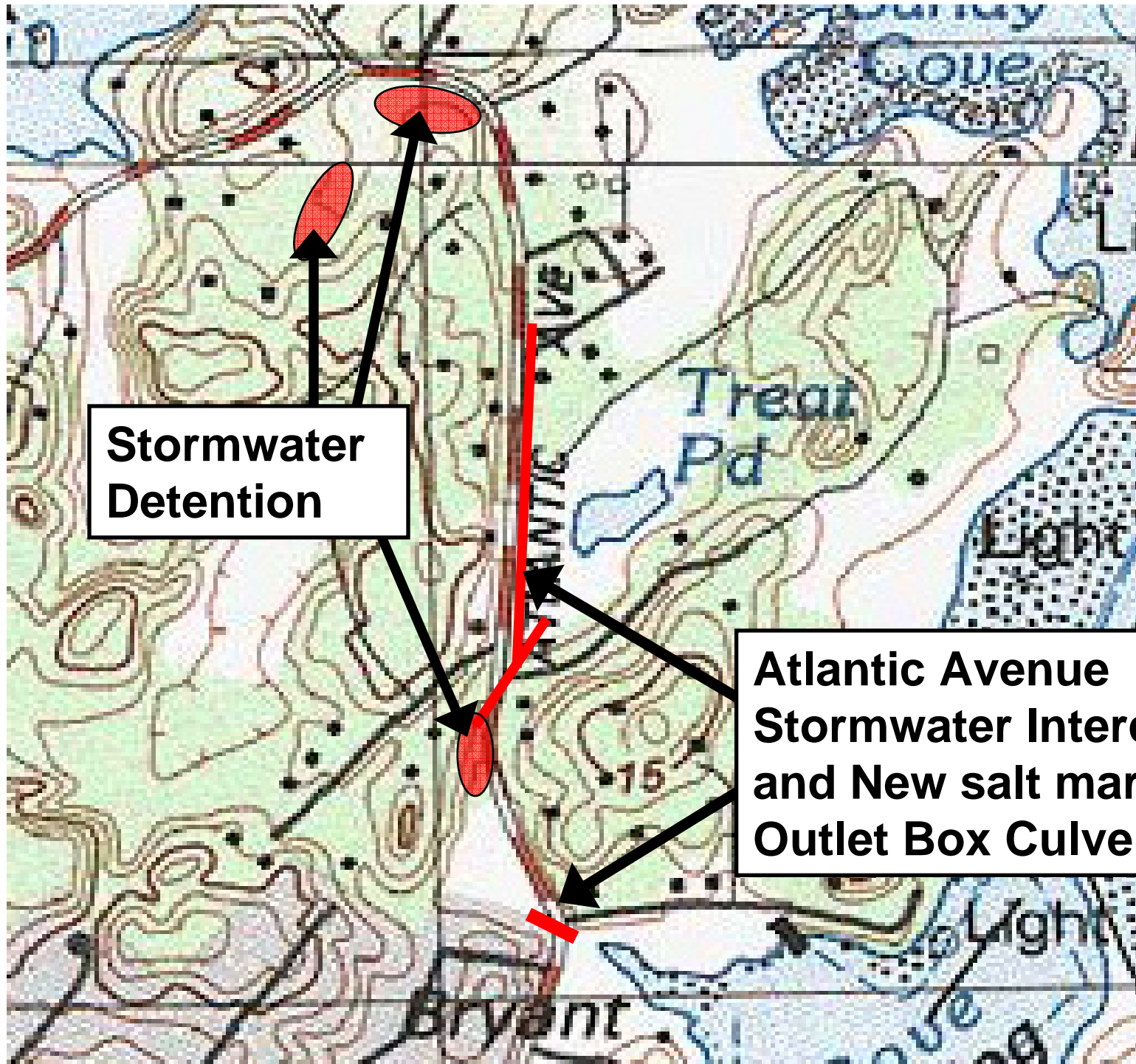


Increased Storage and Stormwater Flow Diversion



**Stormwater
Detention**

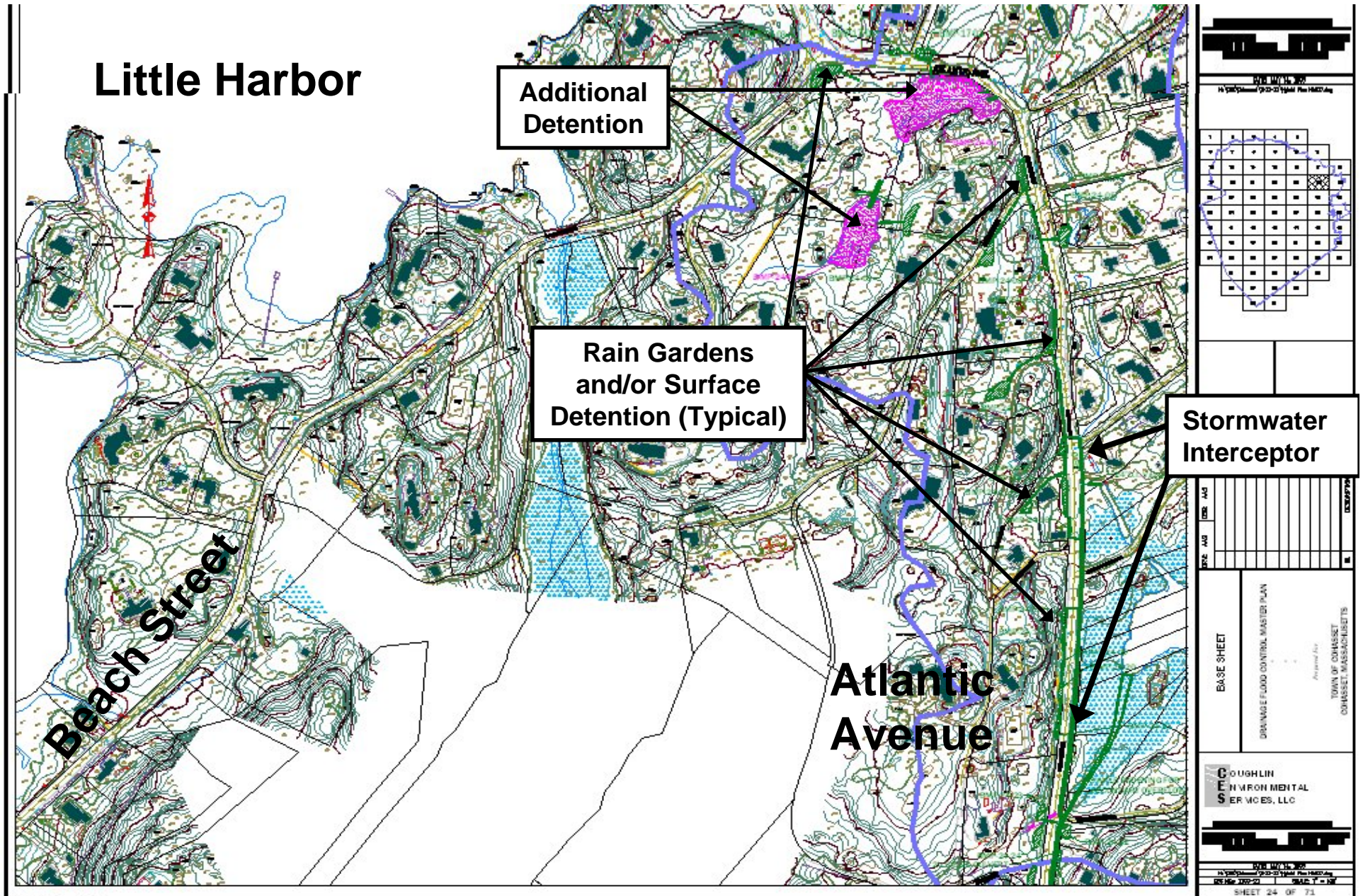
**Atlantic Avenue
Stormwater Interceptor
and New salt marsh
Outlet Box Culvert**

Stormwater Diversion and Detention

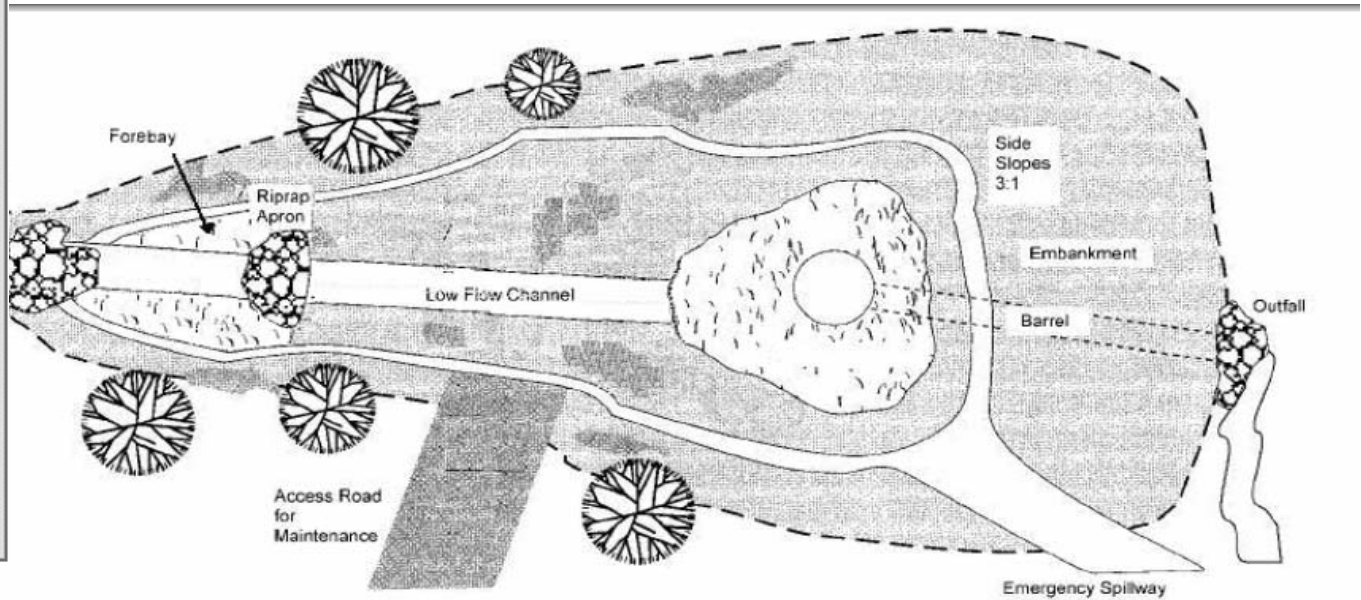
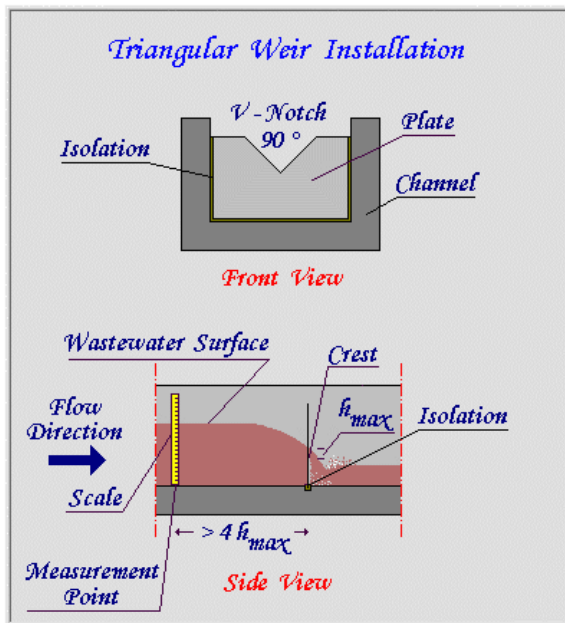
Pros and Cons

- Private Properties involved
- Limited access would likely require takings and increase construction costs (est. \$1.1M)
- Somewhat elaborate permitting could delay implementation
- BMP utilization and metering through existing salt marsh should enhance pollution attenuation prior to Harbor discharge
- Coastal Storm Surge Flooding would still occur and require additional safeguards for Stockbridge Street properties
- Flow diversion could create passive salt marsh reclamation results and help to control phragmites
- Pond and outfall bacteria levels would likely still be a concern due to reduced flow into pond and lack of tidal flushing

Recommended Improvements

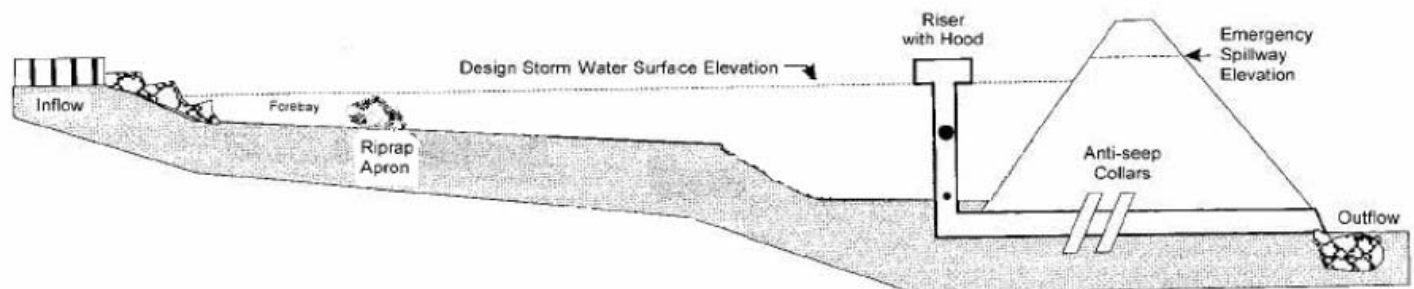


Additional Watershed Detention



Flow Control Devices

Figure 7-22 Extended Detention Pond General Plan



Source: Controlling Urban Runoff, Schueler 1992