

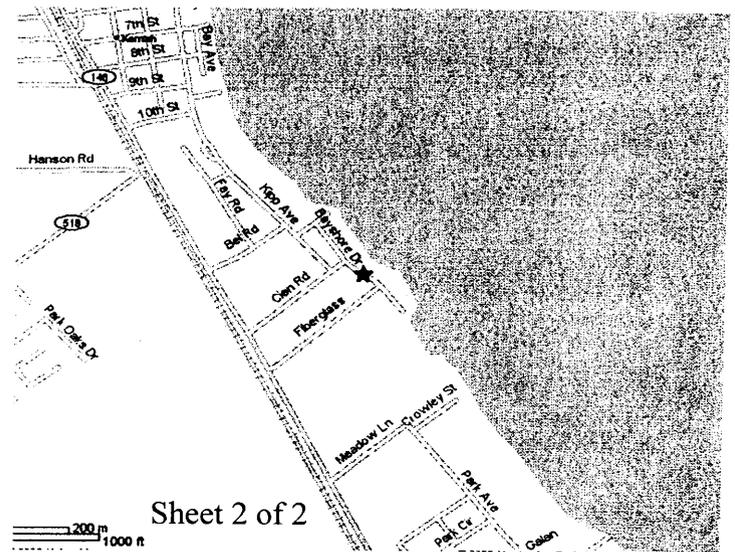
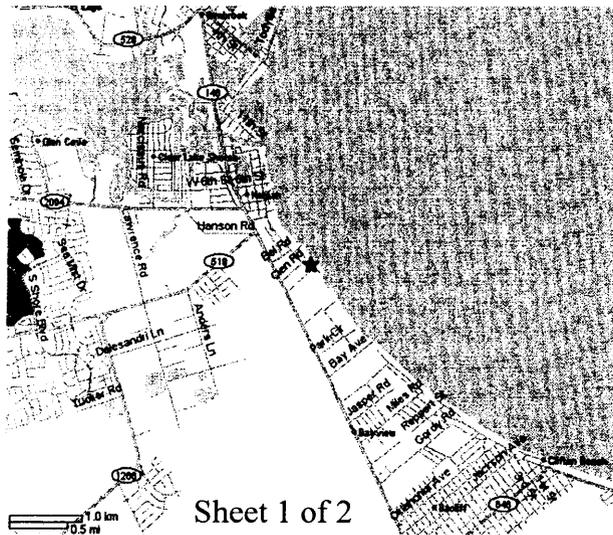
## Sample Drawings and Vicinity Maps for a Permit Application

**NOTE:** The following are examples of typical plans, more information may need to be requested as determined on a case by case basis.

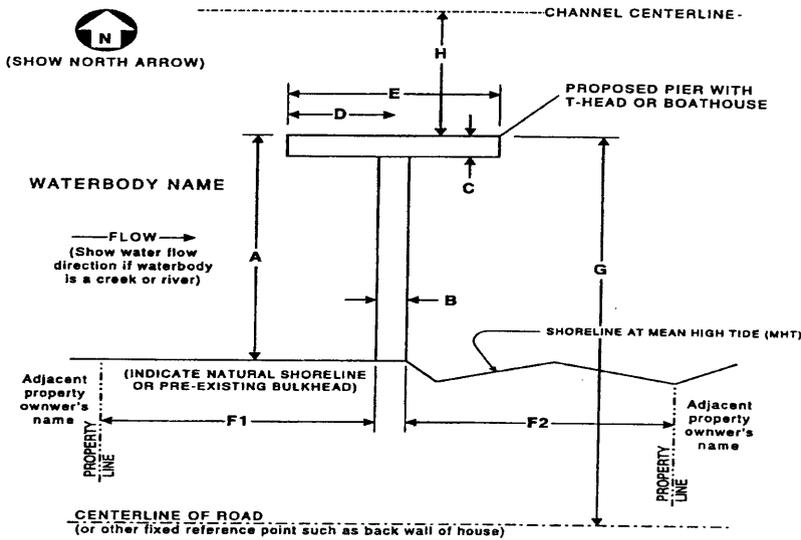
### Vicinity Map

A vicinity or location map showing the site of the proposed activity. The site must be clearly marked and shown in relation to the nearest major roads, cities, and waterways in the area. The map needs to have enough information to allow someone to look at the map and be able to get to the site without requesting more information. Maps and all drawings submitted must be in black and white only on 8.5 x 11 inch paper. Maps must have a title block and number scheme (sheet\_of\_). If more than one map is required, they should be on separate sheets. Map sources include:

- United States Coast and Geodetic Survey Charts
- State or County maps
- United States Geological Survey (USGS) maps
- Key maps
- Some maps from internet sources
  - [www.topozone.com](http://www.topozone.com)
  - [www.mapblast.com](http://www.mapblast.com)
  - [www.mapquest.com](http://www.mapquest.com)
  - [www.expedia.com](http://www.expedia.com)
  - <http://maps.yahoo.com>



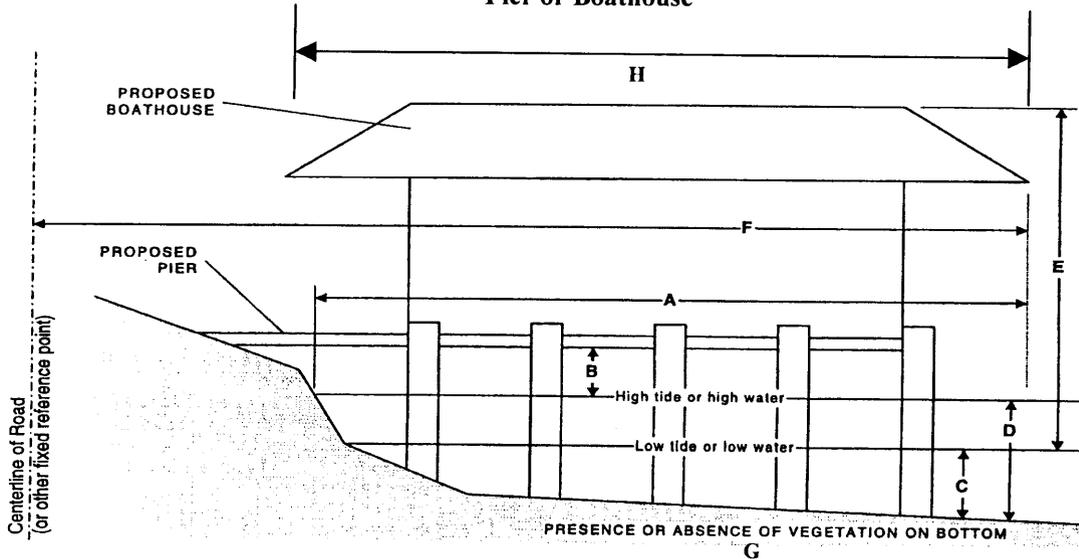
## Typical Plan View of Pier and T-Head



### Critical Information

- A. Length of pier and T-head or boathouse from shoreline at mean high tide.
- B. Width of pier
- C. Width of T-head (or dimensions of other structure).
- D. Distance from pier centerline to edge of T-head or boathouse (or other structure).
- E. Length of T-head or boathouse (or other structure).
- F1 and F2. Distance from pier to property lines.
- G. Distance from end of structure to centerline of road or other fixed reference point.
- H. Distance from end of structure to centerline of channel or river, etc.

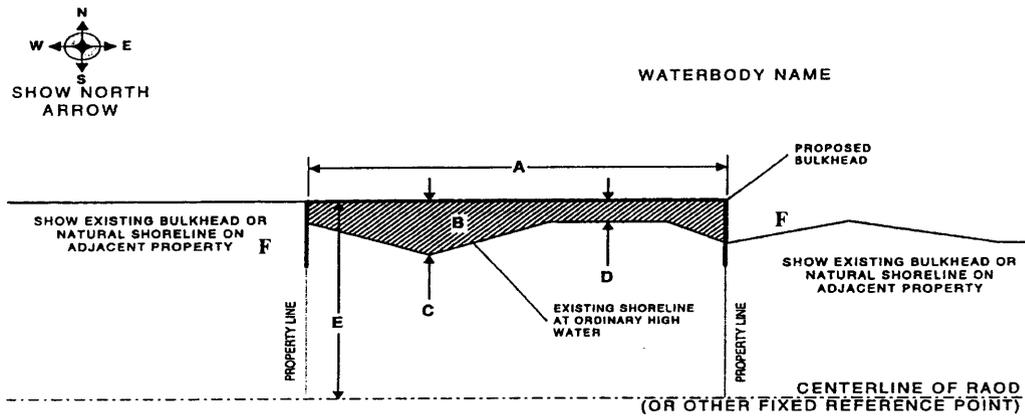
## Typical Cross-Section View of Proposed Pier or Boathouse



### Critical Information

- A. Length of pier or boathouse as projected onto the water (including overhang) at mean high tide or ordinary high water.
- B. Height of bottom of deck above mean high tide or ordinary high water.
- C. Depth of water at end of pier or boathouse at mean low tide or ordinary low water.
- D. Depth of water at end of pier or boathouse at mean high tide or ordinary high water.
- E. Height of highest point of structure above mean low tide or ordinary low water.
- F. Distance from end of boathouse or pier from fixed reference point (such as road centerline).
- G. Presence or absence of vegetation on bottom.
- H. Length of the boathouse (including overhang).

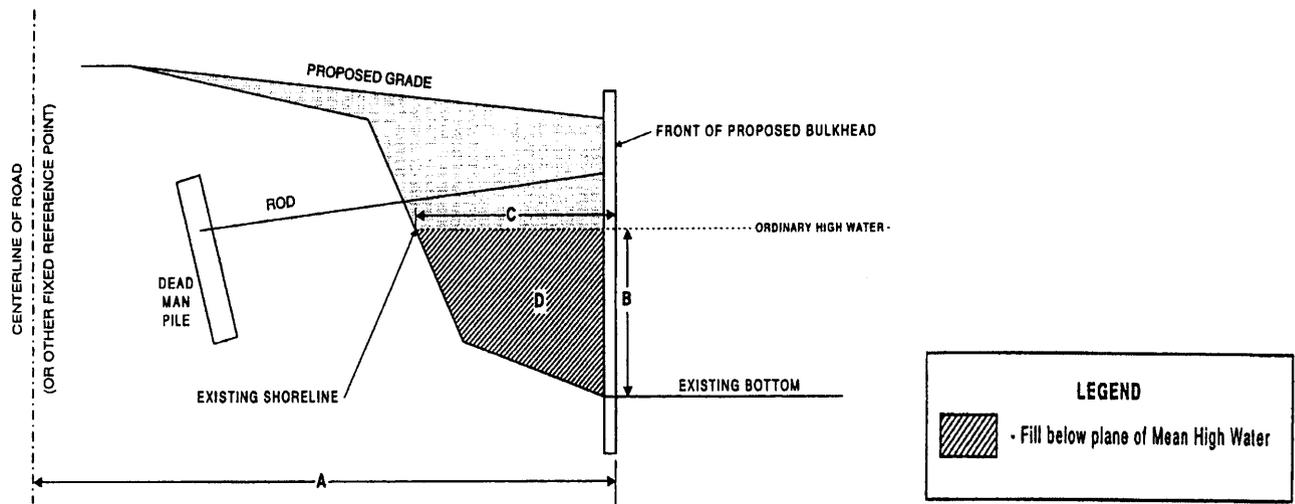
## Typical Bulkhead Plan View



### Critical Information

- A. Length of proposed bulkhead.
- B. Area (square feet) of proposed fill between proposed bulkhead and shoreline at ordinary high water or high tide line.
- C. Greatest distance from proposed bulkhead to shoreline at ordinary high water or high tide line.
- D. Typical distance from proposed bulkhead to shoreline at ordinary high water or high tide line.
- E. Distance from front of proposed bulkhead to centerline of road or other fixed reference point.
- F. Show whether or not the adjacent properties are bulkheaded or have natural shoreline.

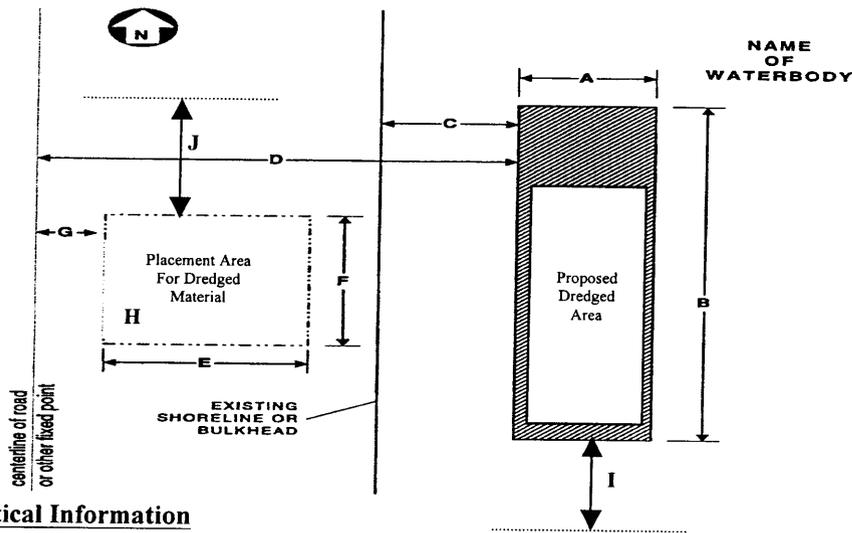
## Typical Bulkhead Cross-Section



### Critical Information

- A. Distance between centerline of road and front of proposed bulkhead.
- B. Depth of water at proposed bulkhead at ordinary high water or high tide line.
- C. Distance between shoreline and front of proposed bulkhead at ordinary high water or high tide line.
- D. Cubic feet or yards of fill placed along bank below the plane of ordinary high water or high tide line.

### Typical Plan View for Mechanical/Hydraulic Dredging Area



#### Critical Information

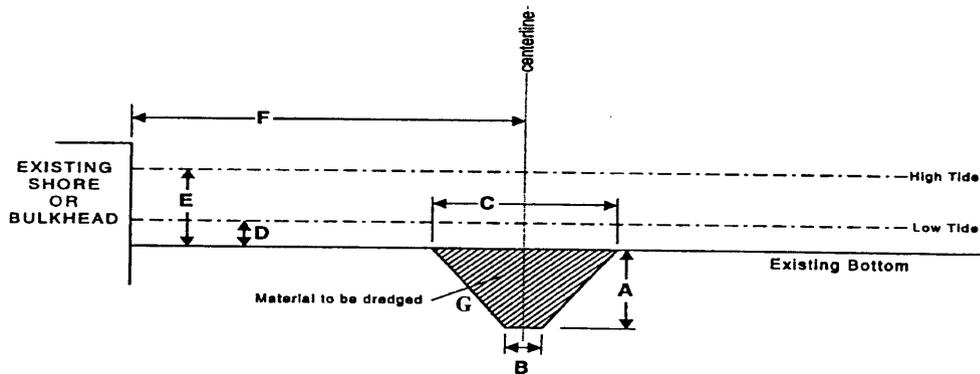
- A. & B. Dimensions of dredging area.
- C. Distance of dredging area from existing shoreline or bulkhead.
- D. & I. Distance of dredging area from fixed reference point.
- E. & F. Dimensions of dredged material placement area.
- G. Distance of dredged material placement area from the fixed reference point.
- H. Capacity (cubic yards) of dredged material placement area.
- J. Distance of placement area from fixed reference point.

**Include information on the type of dredging (hydraulic or mechanical).**

**Please include North arrow.**

**Provide details on methods of moving dredged material to planned placement area.**

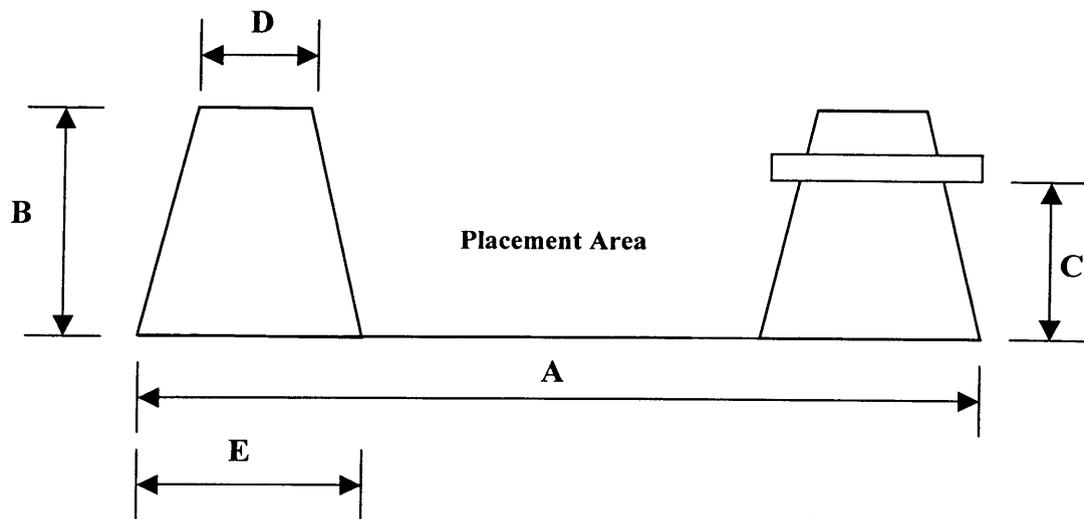
### Typical Cross-Section View of Dredged Area or Dredged Channel



#### Critical Information

- A. Depth of proposed excavated channel or dredged area.
- B. Width of proposed channel at bottom of channel.
- C. Width of proposed channel at top of channel.
- D. Water depth (existing bottom) at mean low tide or ordinary low water.
- E. Water depth (existing bottom) at mean high tide or ordinary high water.
- F. Distance from the centerline of proposed channel or edge of proposed dredged area to existing shore or bulkhead.
- G. Amount of material to be removed (cubic yards).

## Typical Cross-Section View of Dredged Material Placement Area for Hydraulic Dredging Projects



### Critical Information

- A. Dimension of dredged material placement area.
- B. Retaining wall height.
- C. Weir structure or outfall pipe height.
- D. Retaining wall width at the top.
- E. Retaining wall width at the base.

Please indicate how the run-off from the placement area is going to return to the main water body.