

# **Boathouse / Pier / Dock / Boatslip / Boatstall**

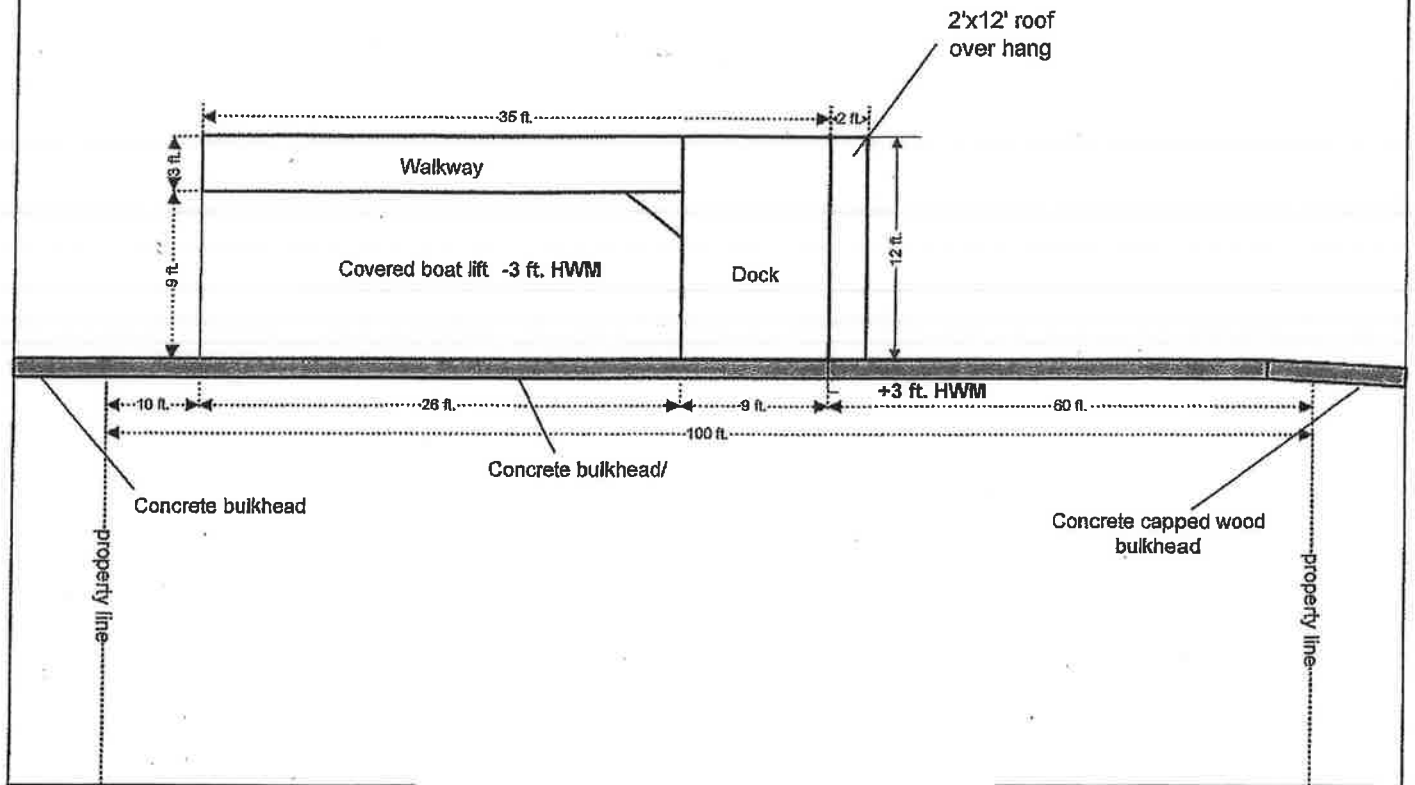
## **TOP VIEW (PLAN VIEW) Critical Information:**

- A) Length of structure from the waters edge at normal pool level or bulkhead
- B) Distance from end of structure to the centerline of road or other fixed reference point
- C) Structure dimensions
- D) Distance from property lines to structure
- E) Indicate the distance across the canal if the 1/3 rule applies.
- F) Roof Overhang

## **Cross-Section View Critical Information:**

- A) Distance from end of structure to centerline of road or other fixed referenced point (Like a Bulkhead)
- B) Normal Pool Elevation (131' mean sea level)
- C) Elevation of the deck
- D) Depth of water at end of structure
- E) Elevation of top of roof
- F) Length of structure
- G) Presence or Absence of vegetation at the mud line
- H) Roof Overhang

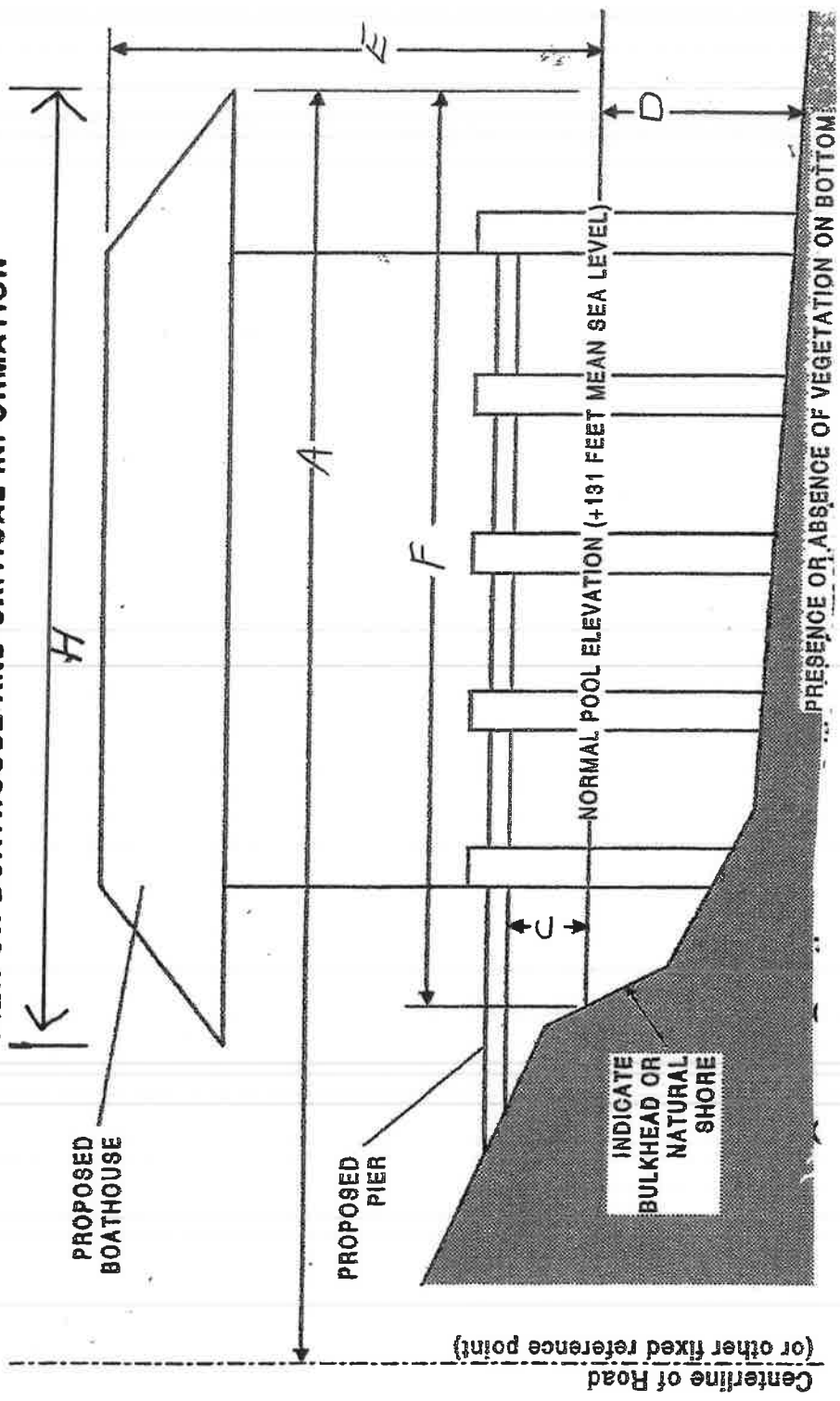
TYPICAL PLAN VIEW OF BOATHOUSE



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- F) Roof Overhang

**GENERAL PERMIT APPLICATION, LAKE LIVINGSTON, TEXAS  
TYPICAL CROSS SECTION OF PROPOSED  
PIER OR BOATHOUSE AND CRITICAL INFORMATION**



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# Bulkhead (Nationwide 13 Permit)

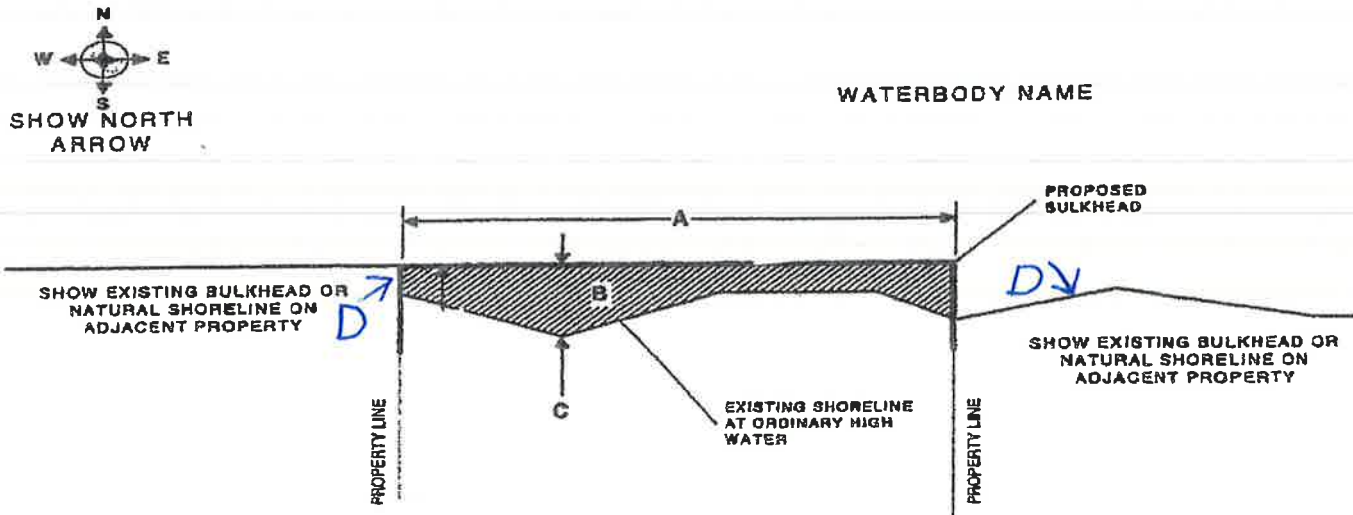
## TOP VIEW (PLAN VIEW) Critical Information :

- A) Length of Proposed Bulkhead
- B) Amount of fill material located behind the bulkhead below the normal pool level of 131' msl. Formula:  $(L \times W \times D) / 27 = \underline{\hspace{2cm}}$  Cubic Yards
- C) Distance from existing shoreline to proposed bulkhead
- D) Show whether or not the adjacent properties are bulkheaded or have natural shoreline

## CROSS-SECTION VIEW Critical Information:

- A) Distance between centerline of road and the bulkhead
- B) Depth of water at the proposed bulkhead
- C) Distance between existing shoreline and the bulkhead
- D) Amount of FILL material located behind the bulkhead below the normal pool level of 131' msl. Formula:  $(L \times W \times D) / 27 = \underline{\hspace{2cm}}$  Cubic Yards
- E) Width of Bulkhead

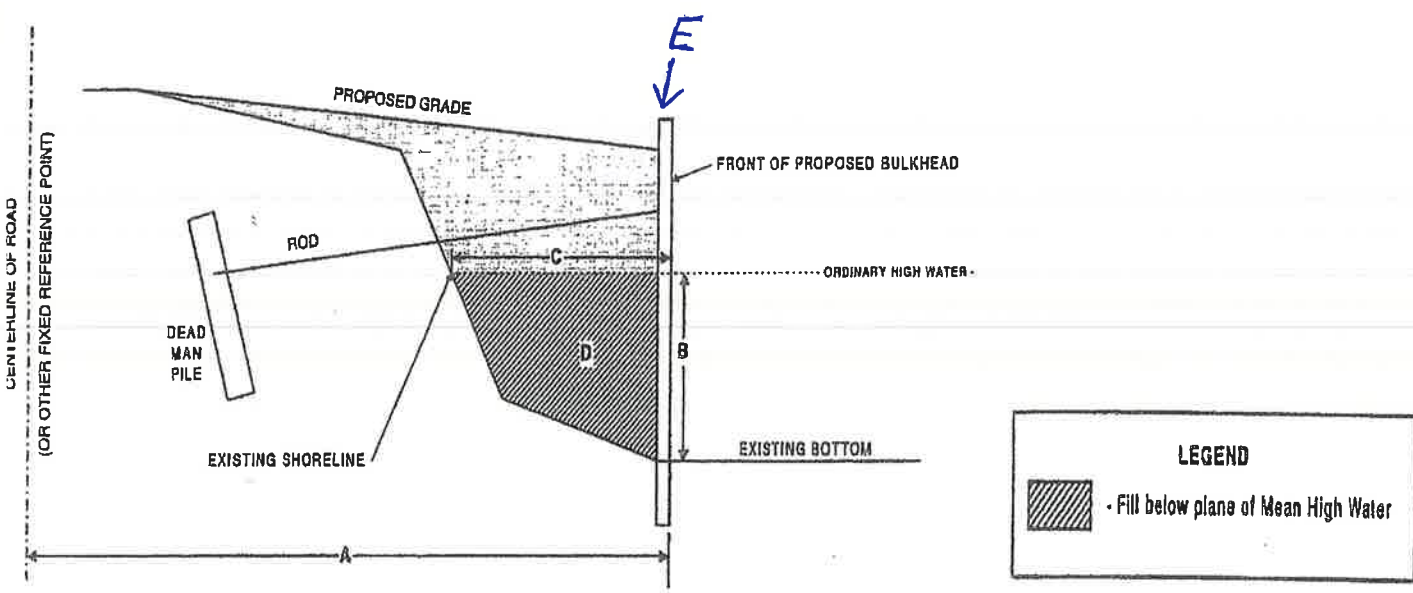
## Typical Bulkhead Plan View



### TOP VIEW (PLAN VIEW) Critical Information :

- A) Length of Proposed Bulkhead
- B) Amount of fill material located behind the bulkhead below the normal pool level of 131' msl Formula:  $(L \times W \times D) / 27 = \text{___ Cubic Yards}$
- C) Distance from existing shoreline to proposed bulkhead
- D) Show whether or not the adjacent properties are bulkheaded or have natural shoreline

### Typical Bulkhead Cross-Section



### CROSS-SECTION VIEW Critical Information:

- A) Distance between centerline of road and the bulkhead
- B) Depth of water at the proposed bulkhead
- C) Distance between existing shoreline and the bulkhead
- D) Amount of FILL material located behind the bulkhead below the normal pool level of 131' msl. Formula:  $(L \times W \times D) / 27 = \text{Cubic Yards}$
- E) Width of Bulkhead