

Bulkhead (Nationwide 13 Permit)

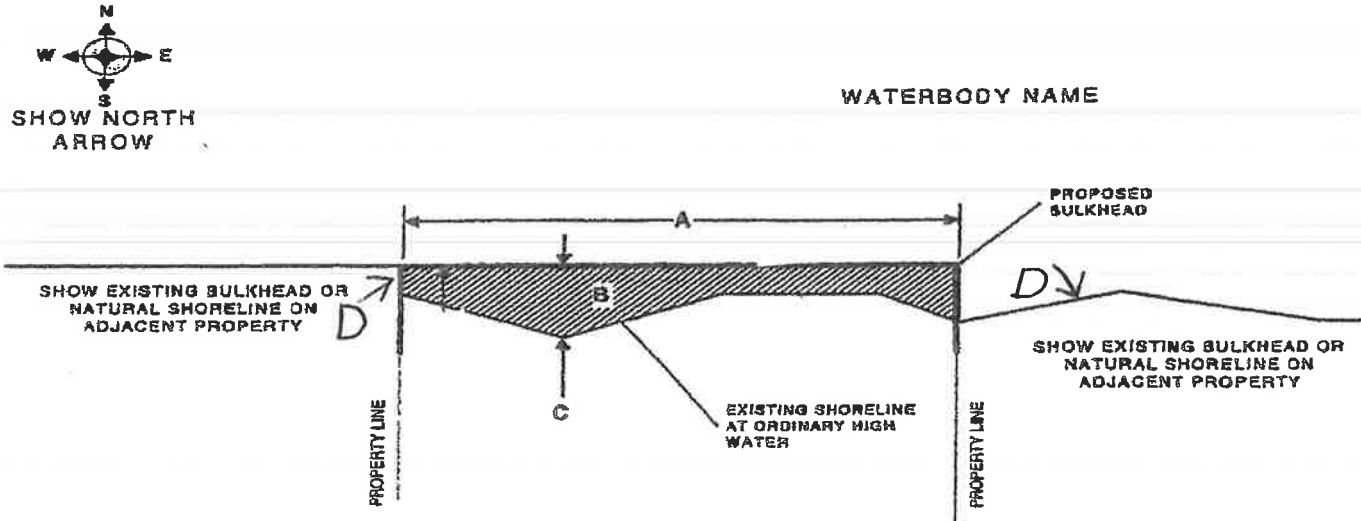
TOP VIEW (PLAN VIEW) Critical Information :

- 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

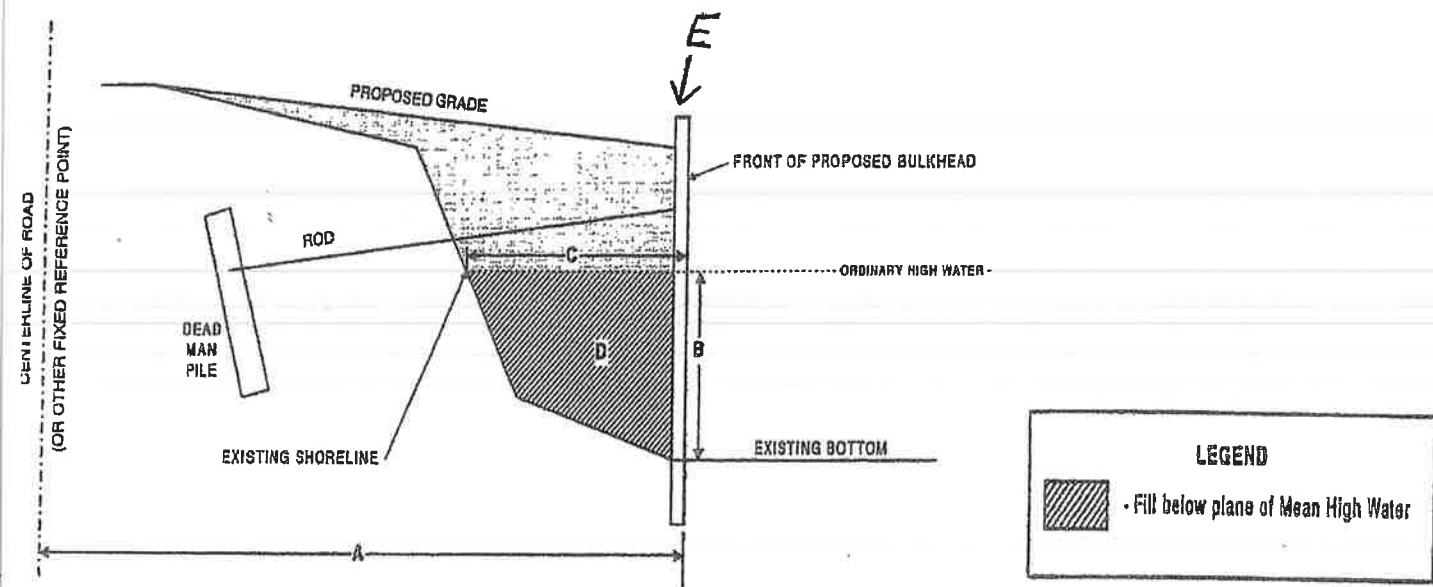
Typical Bulkhead Plan View



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
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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: $(L \times W \times D) / 27 = \underline{\hspace{2cm}}$ Cubic Yards
- E) Width of Bulkhead