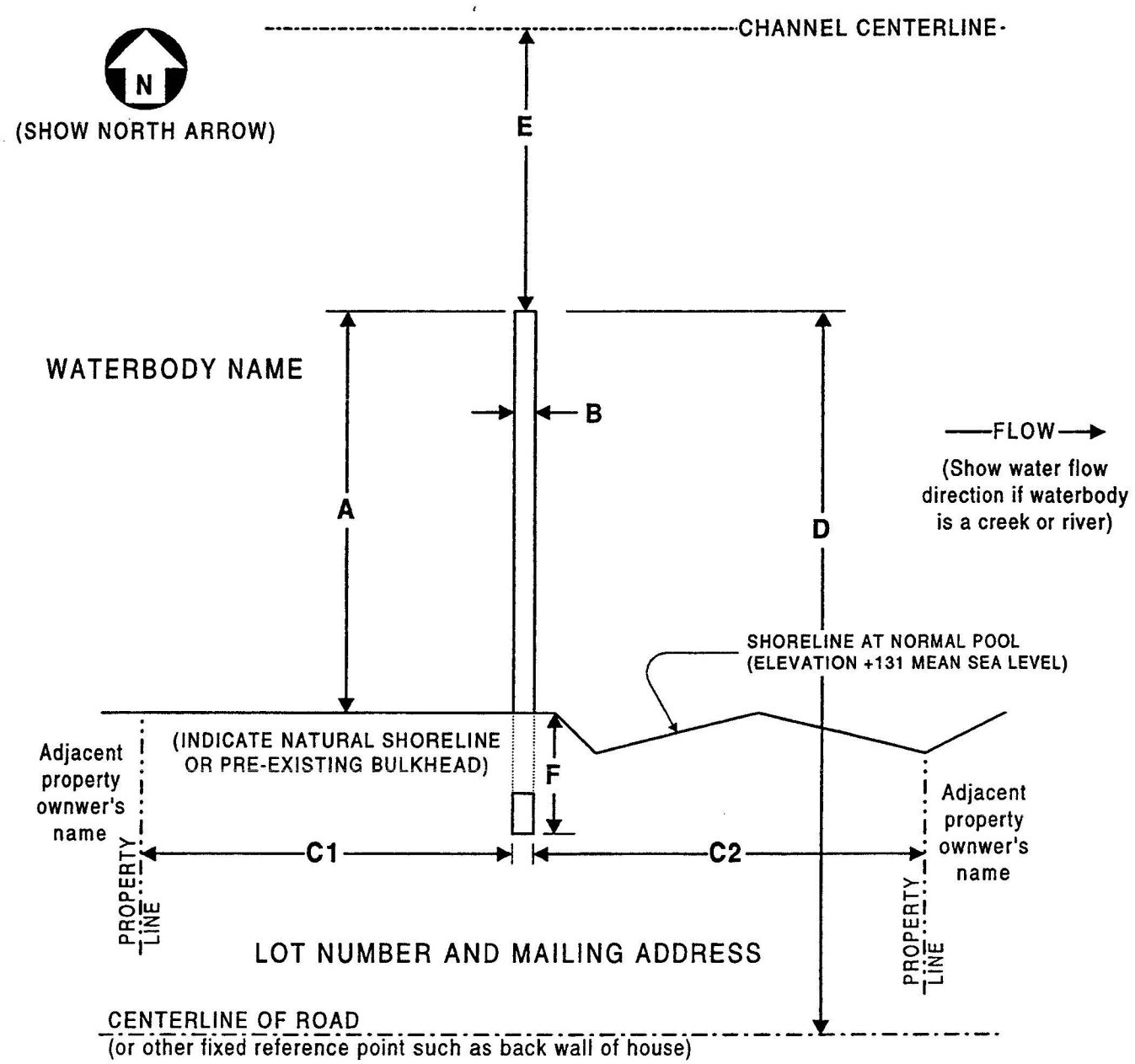
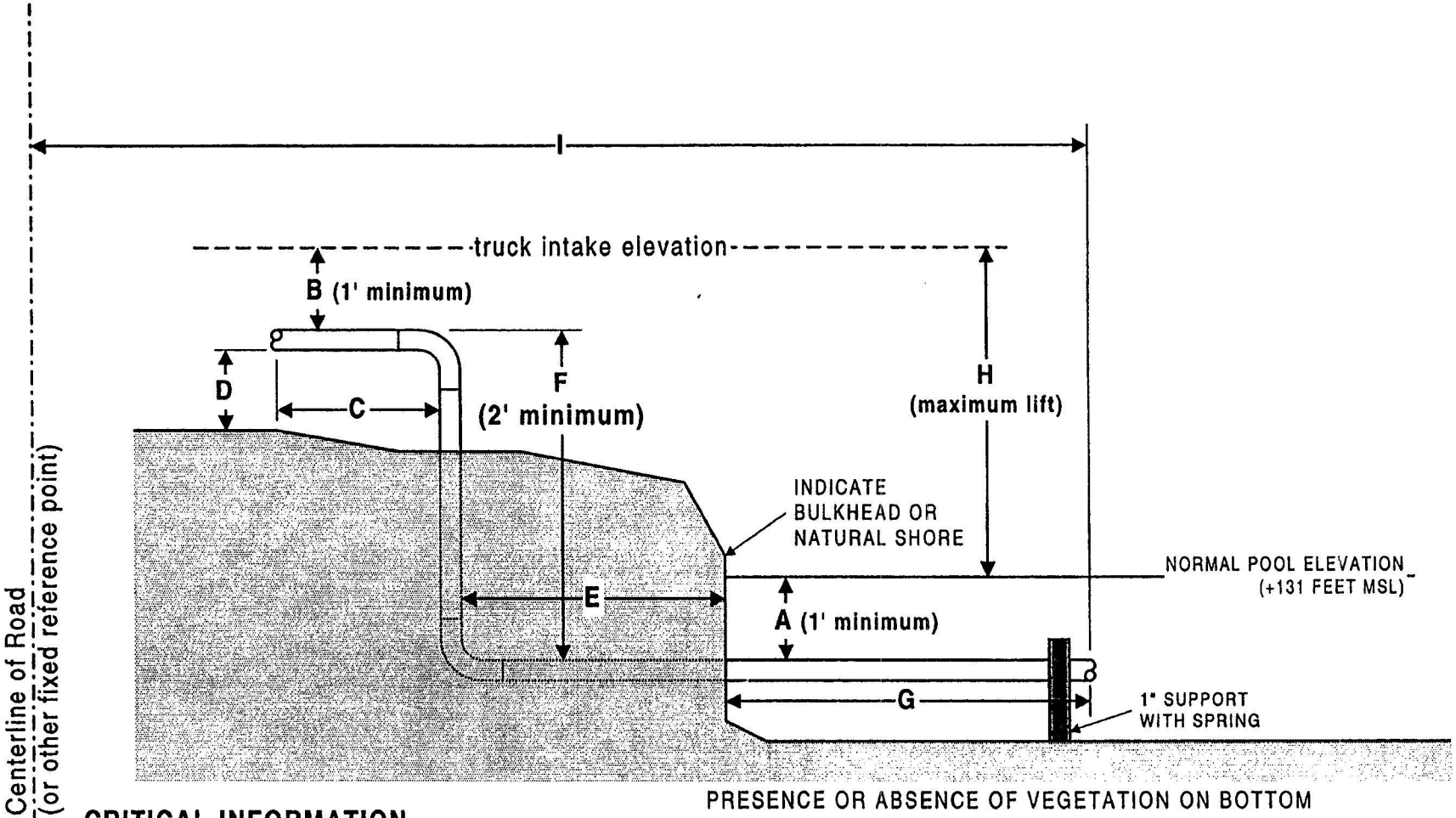
GENERAL PERMIT APPLICATION, LAKE LIVINGSTON, TEXAS
TYPICAL PLAN VIEW OF DRY HYDRANT



CRITICAL INFORMATION

A. Length of hydrant from shoreline at normal pool elevation.
B. Diameter of pipe.
C1 and **C2.** Distance from hydrant to property lines.
D. Distance from end of hydrant to centerline of road or other fixed reference point.
E. Distance from end of hydrant to centerline of channel.
F. Distance from shoreline to landward end of hydrant.

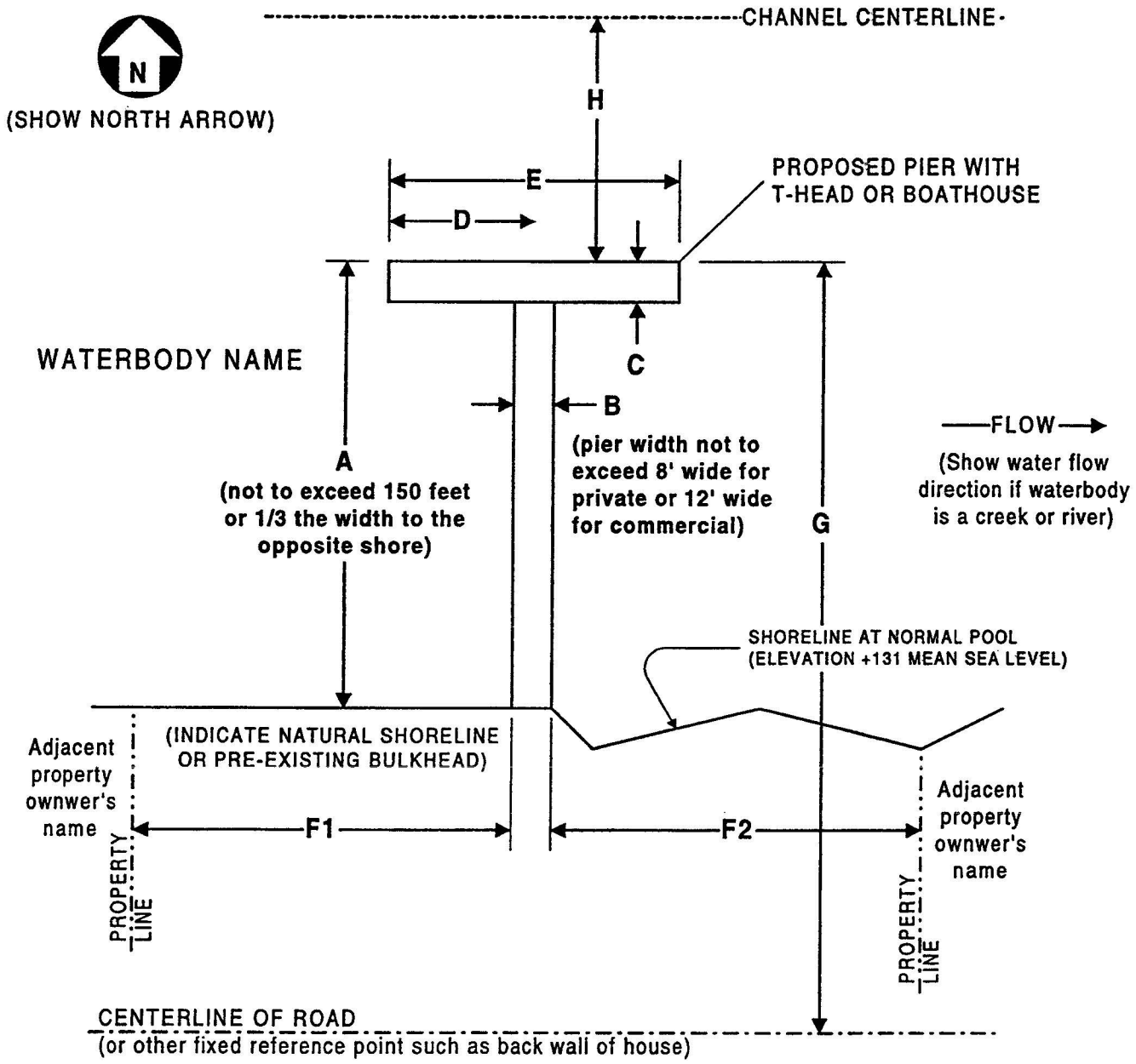
GENERAL PERMIT APPLICATION, LAKE LIVINGSTON, TEXAS
TYPICAL CROSS SECTION OF PROPOSED
DRY HYDRANT AND CRITICAL INFORMATION



CRITICAL INFORMATION

A. Depth of top of pipe beneath normal pool elevation (1 foot minimum).
B. Distance from top of pipe to truck intake (1 foot minimum).
C., D., & E. Various pipe dimensions.
F. Total rise in pipe (lowest to highest point).
G. Distance from shoreline at normal pool elevation to end of hydrant pipe.
H. Maximum lift to truck intake.
I. Total lenght from end of pipe to centerline of road or other fixed point.

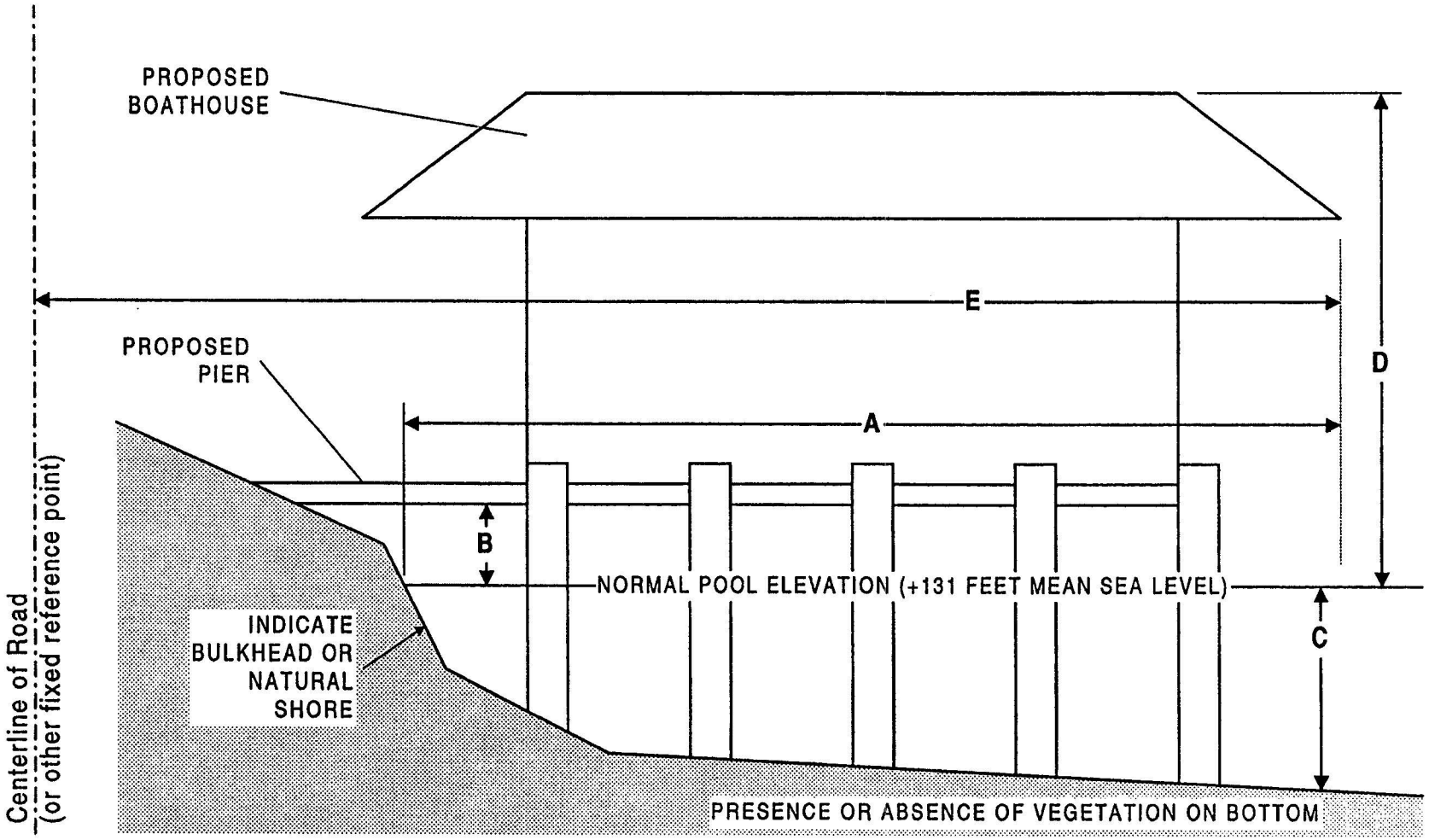
GENERAL PERMIT APPLICATION, LAKE LIVINGSTON, TEXAS
TYPICAL PLAN VIEW OF PIER AND T-HEAD



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 centerline of 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.

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



CRITICAL INFORMATION

A. Length of pier or boathouse as projected onto the water (including overhang) at mean high tide or high water.
B. Height of bottom of deck above mean high tide or high water.
C. Depth of water at end of pier or boathouse at normal pool elevation (+131 ft. mean sea level).
D. Height of highest point of structure above normal pool elevation.
E. Distance from end of boathouse or pier from fixed reference point (such as road centerline).