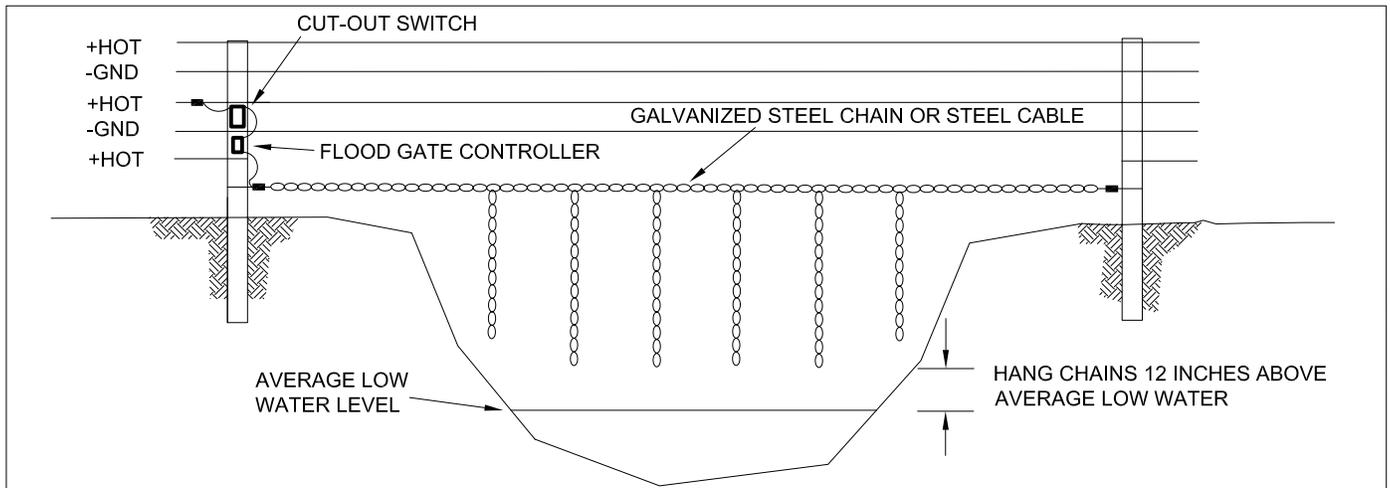


# MARYLAND STANDARDS FOR AGRICULTURAL BMPS

## DETAIL 382 - G - FLOOD

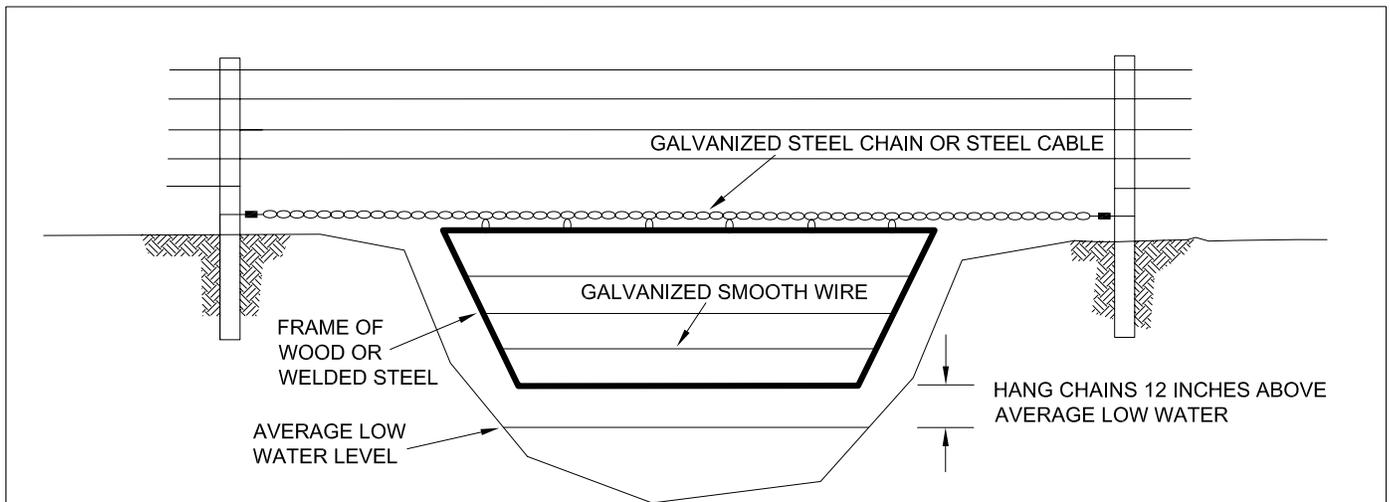
### FLOOD GATES



#### ELECTRIFIED CHAIN FLOOD GATE

STRETCH A GALVANIZED CHAIN OR STEEL CABLE BETWEEN TWO FENCE POSTS (ONE ON EACH SIDE OF THE STREAM). ATTACH LENGTHS OF GALVANIZED CHAIN SO THAT THEY HANG APPROXIMATELY 12 INCHES ABOVE THE ELEVATION OF AVERAGE LOW WATER. SPACE THE VERTICAL SECTIONS OF CHAIN AT 6 INCHES APART FOR SMALL LIVESTOCK AND UP TO 12 INCHES APART FOR LARGER ANIMALS.

INSTALL A FLOOD GATE CONTROLLER (ENERGY LIMITER) BETWEEN THE HOT WIRE OF THE FENCE AND THE FLOOD GATE. THE CONTROLLER WILL LIMIT THE AMOUNT OF POWER SUPPLIED TO THE GATE DURING FLOODING, SO THAT THE FENCE WILL CONTINUE TO HAVE HIGH VOLTAGE. IF EXTENDED FLOODING IS LIKELY, INSTALLATION OF A CUT-OUT SWITCH IS RECOMMENDED.



#### HINGED FLOOD GATE

STRETCH A GALVANIZED CHAIN OR STEEL CABLE BETWEEN TWO FENCE POSTS (ONE ON EACH SIDE OF THE STREAM). ATTACH A FREE-SWINGING FLOOD GATE SO THAT IT HANGS APPROXIMATELY 12 INCHES ABOVE THE ELEVATION OF AVERAGE LOW WATER.

NOTE: THIS TYPE OF FLOOD GATE IS LESS LIKELY TO RESTRICT LIVESTOCK AND MORE LIKELY TO CATCH DEBRIS THAN AN ELECTRIFIED CHAIN FLOOD GATE.

DRAWING NOT TO SCALE. STANDARDIZED DRAWING MUST BE ADAPTED TO THE SPECIFIC SITE.