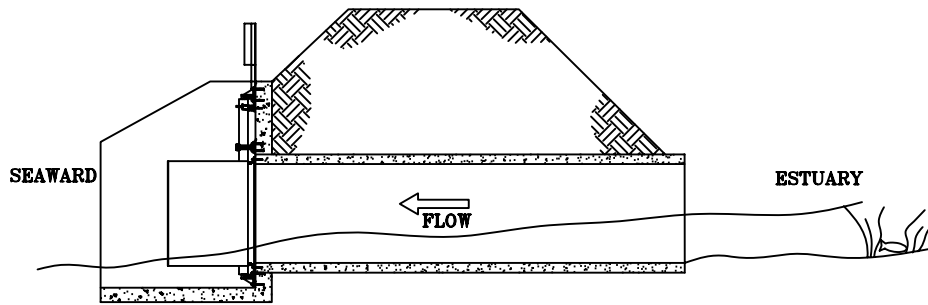
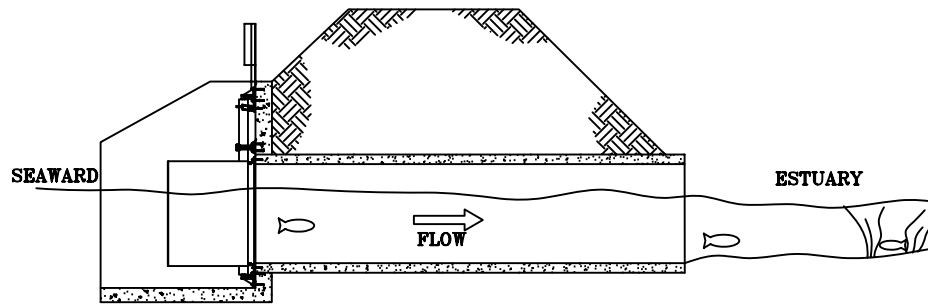


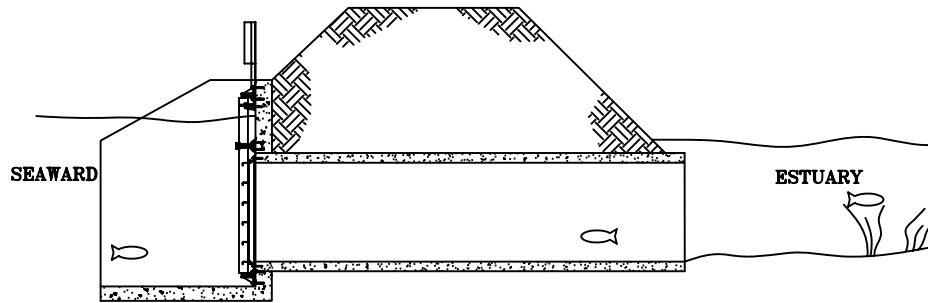
**MODEL GH-850 RESTRAINED SIDE-HINGE TIDE GATE
TIDE SEQUENCE DIAGRAM**



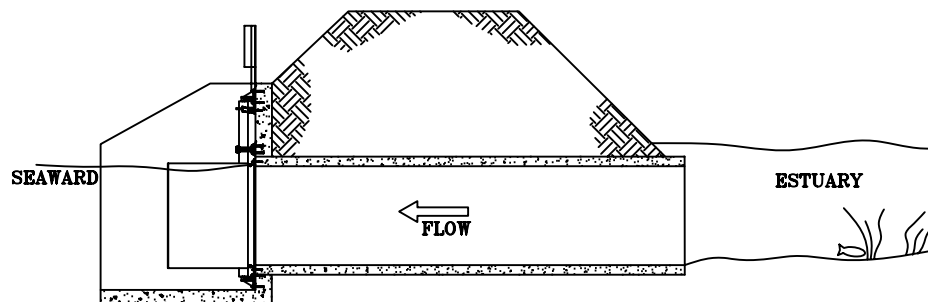
**GH-850-R ACTING AS NORMAL
FLAP GATE ALLOWING ESTUARY
DRAINAGE**



**RISING TIDE ALLOWING INCOMING
TIDE TO FLOOD ESTUARY BASIN**



**GH-850-R CLOSES AT SET LEVEL
LIMITING ESTUARY FLOOD LEVEL**



**GH-850-R OPENS WHEN TIDE LEVEL
IS LOWER THAN ESTUARY LEVEL**