Figure RT.13.1  Constructed wetlands for stormwater treatment – traditional grading option.
NOTE:
A WATERLEVEL CONTROL STRUCTURE SHALL BE PROVIDED IN THE WETLAND CELL FOR PLANT ESTABLISHMENT

SECTION VIEW

CONSTRUCTED STORMWATER TREATMENT WETLAND
OUTLET STRUCTURE

THIS DRAWING IS ONLY A TEMPLATE THAT NEEDS TO BE ADJUSTED AND REVISED FOR EACH PROJECT.
Figure RT.13.2 Constructed stormwater treatment wetland outlet structure.

**Inlet and Outlet**

An inlet to the presetting cell and outlet from the wetland cell must be provided according to the requirements described in Section 5-4.1.4, Wet Ponds. An overflow structure with debris cage will be provided per Figure RT.13.2 to discharge flows from the wetland cell.

**Dewatering and Water Level Control**

The presetting cell shall be configured with a gravity drain for dewatering. The wetland cell shall be configured with a gravity drain for dewatering and a water level control structure. Refer to Section 5-3.6.1 for information regarding gravity drains. The following replaces or supplements the guidance in Section 5-3.6.1:

- The gravity drain should be sized one size larger than the calculated diameter, with a minimum 8-inch diameter.
- For the wetland cell, the drain’s invert should be located at the bottom of the wetland cell and sloped toward the outlet structure where the shut-off valve is located (see Figure RT.13.2).