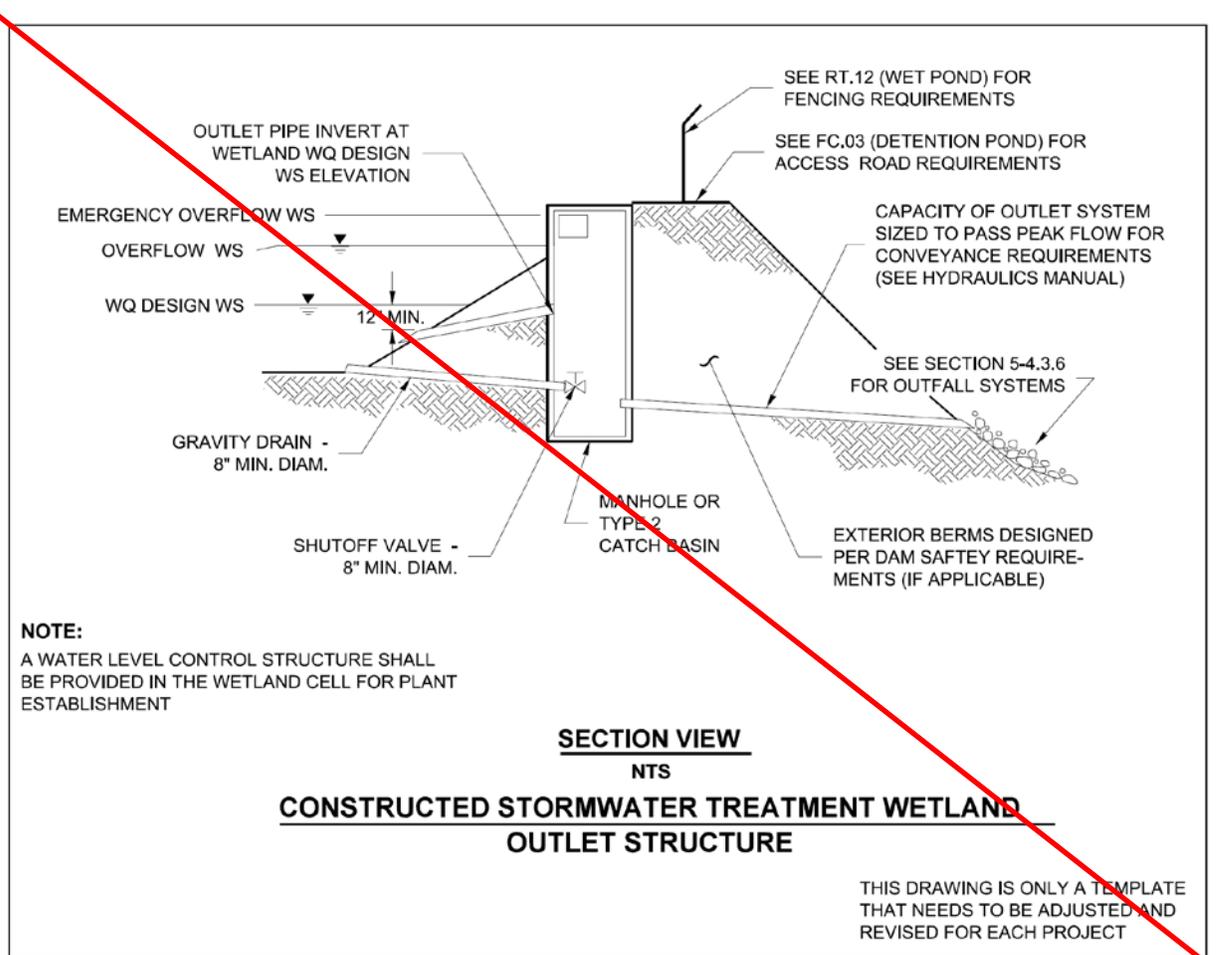


Figure RT.13.1 Constructed wetlands for stormwater treatment – traditional grading option.



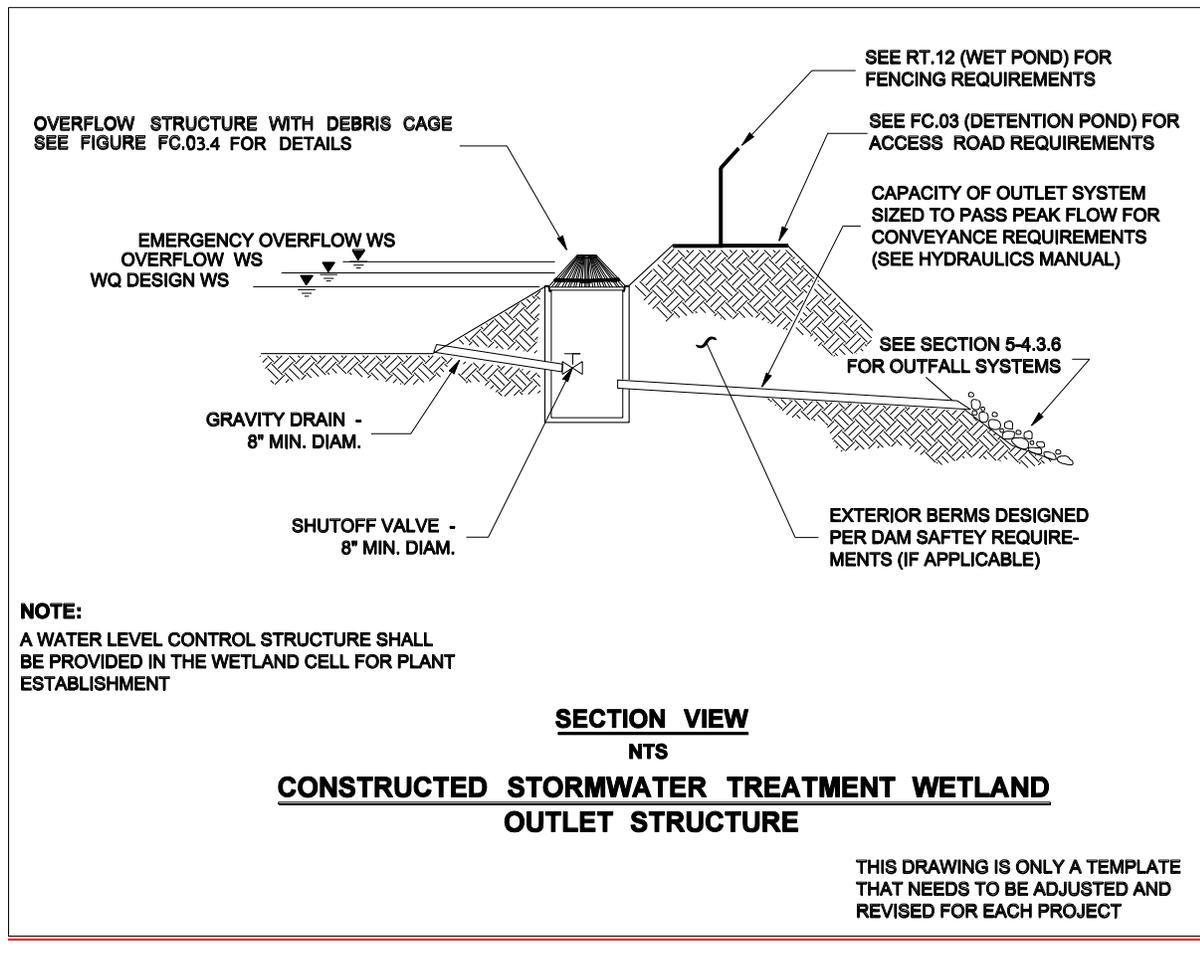


Figure RT.13.2 Constructed stormwater treatment wetland outlet structure.

Inlet and Outlet

An inlet to the presettling 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 presettling 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).