

# Inlet Water Control Structure Installation Instructions

## 1. EXCAVATION AND GRADING

The structure base, and the outlet pipe must be set on firm, flat surfaces of compacted soil or concrete pad to provide a solid, stable base. This will prevent settling and reduce stress or misalignment of pipe connections.

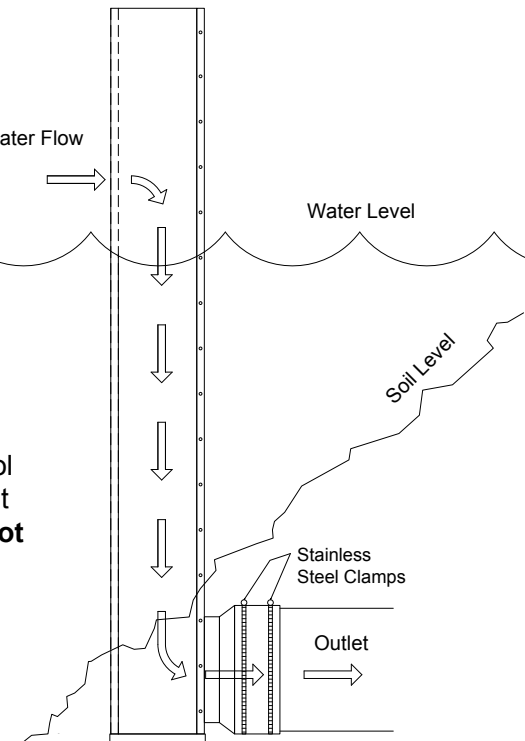
## 2. PIPE CONNECTION

Remove black tape from outlet flex coupler exposing the stainless steel clamps. The flex coupler must be placed directly over the outside diameter of the pipe; then secured by tightening the stainless steel clamps as shown in the illustration.

## 3. BACK FILL AND COMPACTION

Level the structure vertically before permanently anchoring. Backfill around the control structure by hand in 6" lifts. This structure must be anchored down when installed or it may have a tendency to float. Hand tamp only - **do not** mechanically compact. **Do not** use a backhoe or blade to place backfill directly against the water control structure.

**Excessive compaction may cause structural damage or failure.**



- Inlet Structure **MUST** be anchored down.
- Either the inlet or inline structure may be used for primary or secondary outlet with larger pipe or emergency spillway as primary.
- Inlet Structure removes surface water.
- The outlet end of the structure should be protected with a rodent guard.

**1462 340th street  
Adair, Iowa 50002  
Phone: 800-232-4742  
Fax: 800-282-3353  
Web site: [www.agridrain.com](http://www.agridrain.com)  
E-mail: [info@agridrain.com](mailto:info@agridrain.com)**

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