Inlet Water Control Structure Installation Instructions

1. *EXCAVATION AND GRADING*

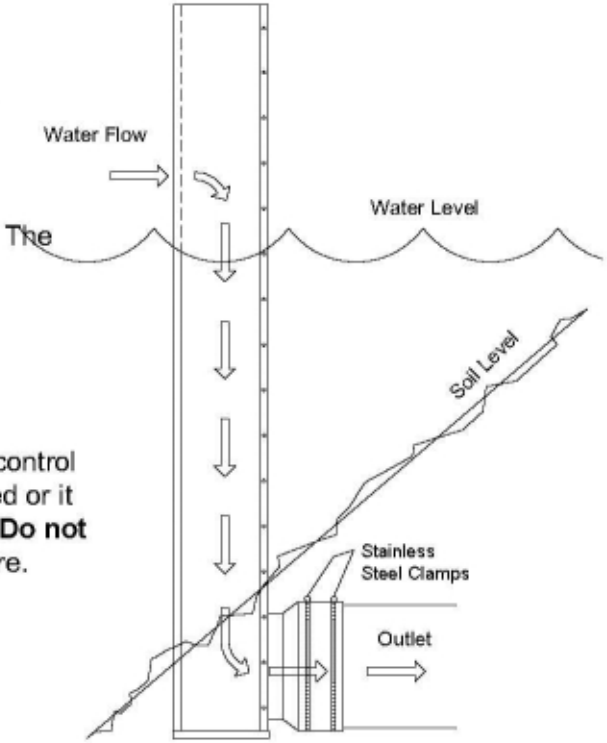
The structure base, and the outlet pipe must be set on firm, flat surfaces of compacted soil or concrete pad to provide a solid, stable base. This will prevent settling and reduce stress or misalignment of pipe connections.

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 permanantly anchoring. Backfill around the control structure by hand in 6" lifts. This structure must be anchored down when installed or it may have a tendancy 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.

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