

INLINE WATER LEVEL CONTROL STRUCTURE™ INSTALLATION INSTRUCTIONS

Important! —To minimize seepage, align stoplogs firmly against one side of the stoplog track.

- Stoplogs must remain in track during structure installation.
- Structures are intended for gravity flow: Low pressure and some seepage may occur.

1.) EXCAVATION AND GRADING

Structure base, inlet pipe, & outlet pipe must be set on compacted soil or fill sand to provide a solid, stable base. This will reduce settling and reduce stress or misalignment of pipe connections.

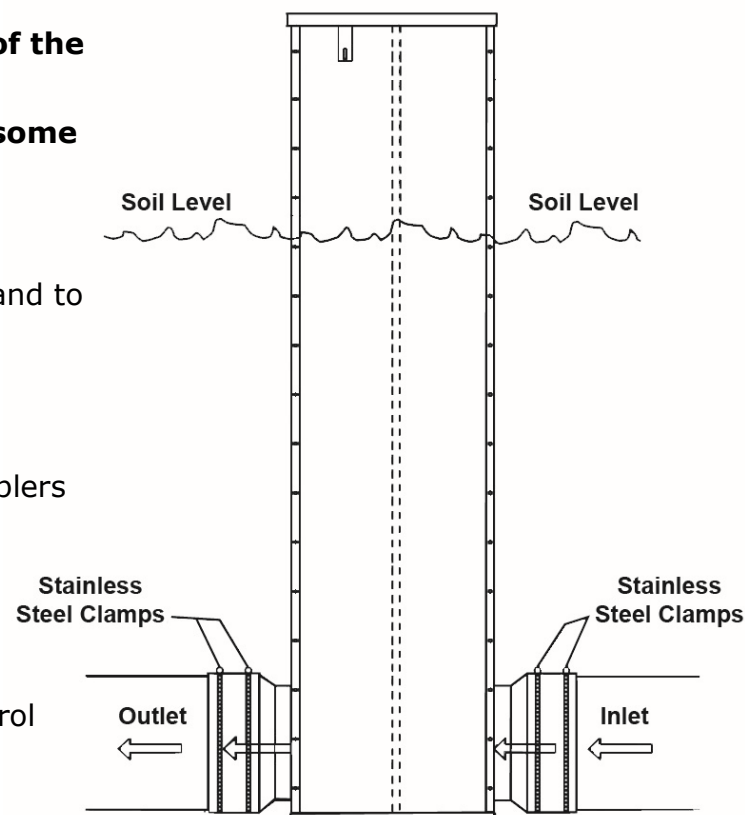
2.) PIPE CONNECTION

Remove stainless steel clamps from inside structure. Place pipe inside flex couplers and tighten SS clamps.

3.) BACKFILL AND COMPACTION

Level structure vertically before placing backfill. Backfill around control structure by hand in 6" lifts. Hand tamp only - **do not** mechanically compact. **Do not** use a backhoe or blade to place backfill directly against the water control structure.

- Seal on stoplog faces downstream/outlet side of structure.



Excessive compaction may cause structural damage or failure.

- ◆ Either the inlet or inline structure may be used for primary or secondary outlet, with larger pipe or emergency spillway as primary.
- ◆ Inline structure removes subsurface water.
- ◆ On the inline installation, the inlet end of the pipe should be held off the bottom of the impoundment to allow for siltation, and be protected with an inlet guard. The outlet end of the structure should be protected with a rodent guard.
- ◆ In a controlled drainage or subsurface irrigation application, the structure nearest the outlet should be installed with a minimum of 20' of non-perforated pipe on the downstream end.

Anti-Seep Collars are recommended.



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