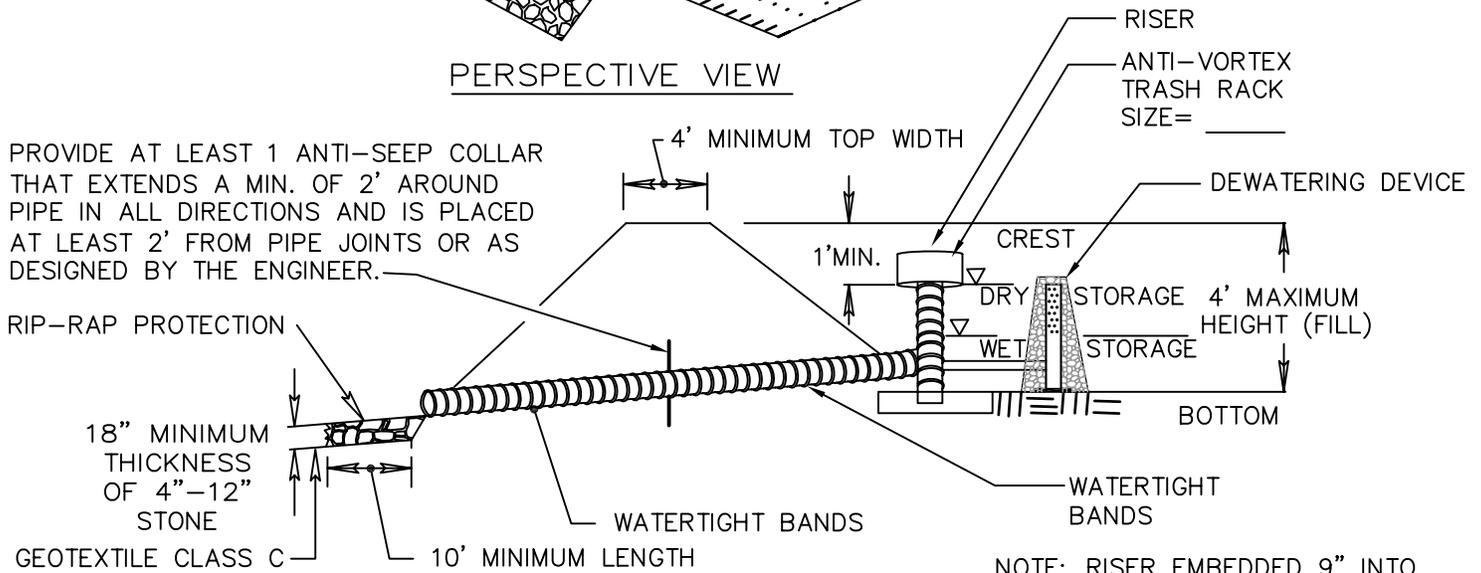


PERSPECTIVE VIEW

PROVIDE AT LEAST 1 ANTI-SEEP COLLAR THAT EXTENDS A MIN. OF 2' AROUND PIPE IN ALL DIRECTIONS AND IS PLACED AT LEAST 2' FROM PIPE JOINTS OR AS DESIGNED BY THE ENGINEER.



EMBANKMENT SECTION THROUGH RISER

Construction Specifications

NOTE: RISER EMBEDDED 9" INTO CONCRETE OR 1/4" STEEL PLATE ATTACHED TO RISER WITH A CONTINUOUS WELD ON BOTTOM AND 2' OF STONE PLACED ON STEEL PLATE TWICE THE RISER DIAMETER (MIN.)

1. The area under the embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material, or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. The total trap volume as measured from the bottom to riser crest elevation shall be 3600 cubic feet per acre of drainage area (see Table 9). The top of embankment must be $\geq 1'$ above the riser crest elevation.
4. Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to one half of the wet storage depth of the trap (900cf/ac). The sediment shall be deposited in a suitable area and in such a manner that it will not erode.
5. The structure shall be inspected periodically and after each rain and repairs made as necessary.



MONTGOMERY COUNTY
DEPARTMENT OF PERMITTING
SERVICES
WATER RESOURCES

MODIFIED
PIPE OUTLET SEDIMENT
TRAP - ST I with
DEWATERING DEVICE

DATE: 12/04
SCALE: NONE