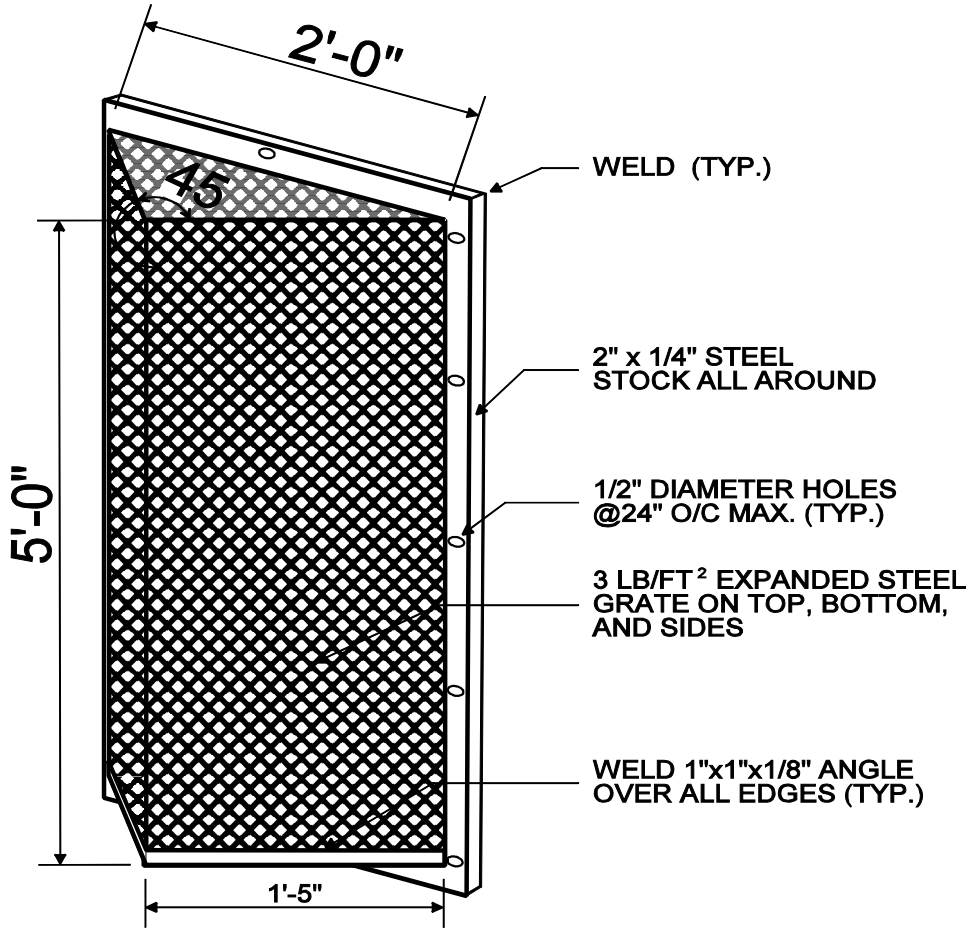
Appendix K. Miscellaneous Details

Miscellaneous Design Schematics for Compliance with Performance Criteria

Figure K.1 Trash Rack Protection for Low Flow Orifice



NOTES FOR TRASH RACK

1. TRASH RACK TO BE CENTERED OVER OPENING.
2. STEEL TO CONFORM TO ASTM A-36.
3. ALL SURFACES TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND AFTER WELDING.

Figure K.2 Expanded Trash Rack Protection for Low Flow Orifice

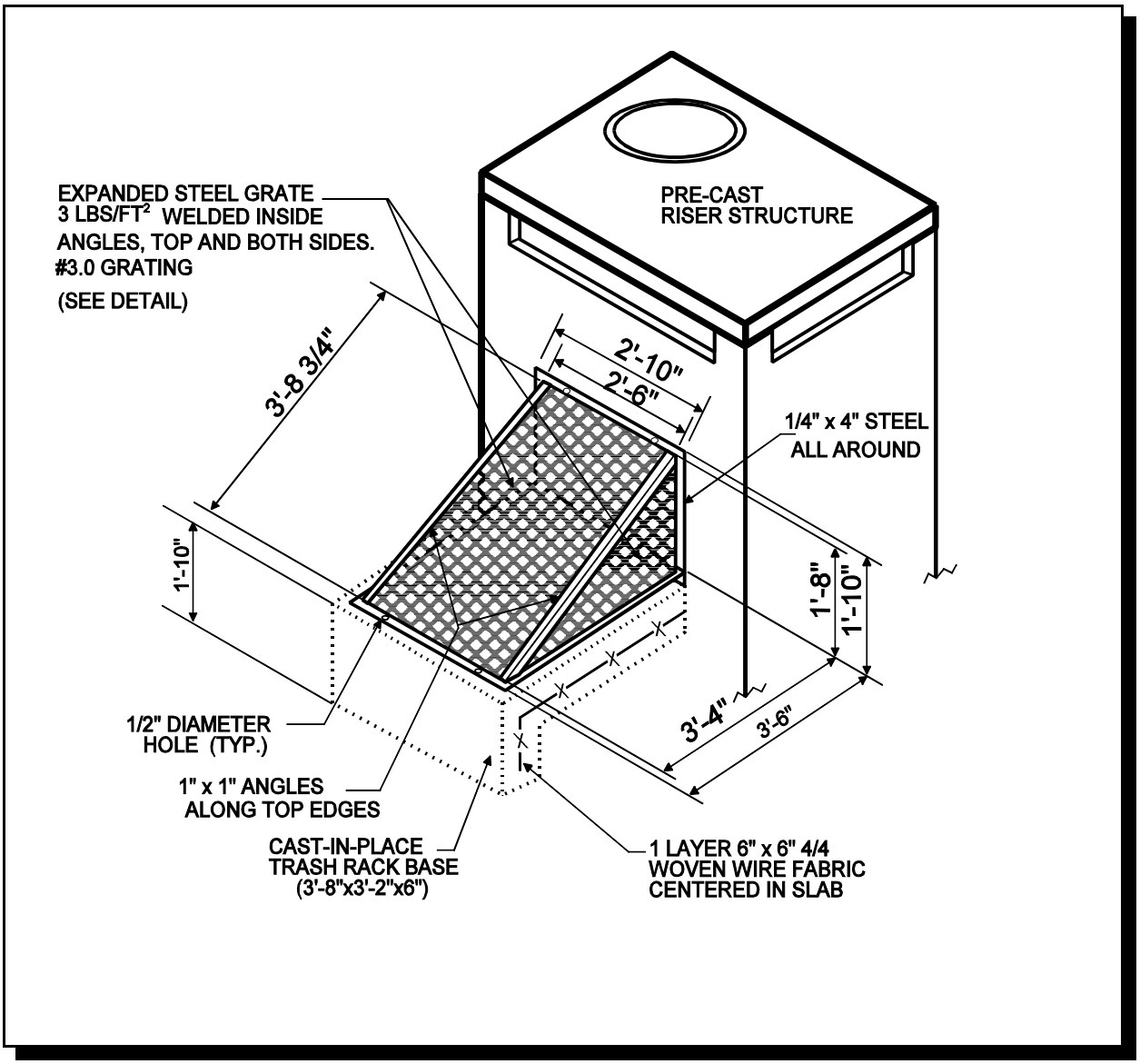


Figure K.3 Internal Control for Orifice Protection

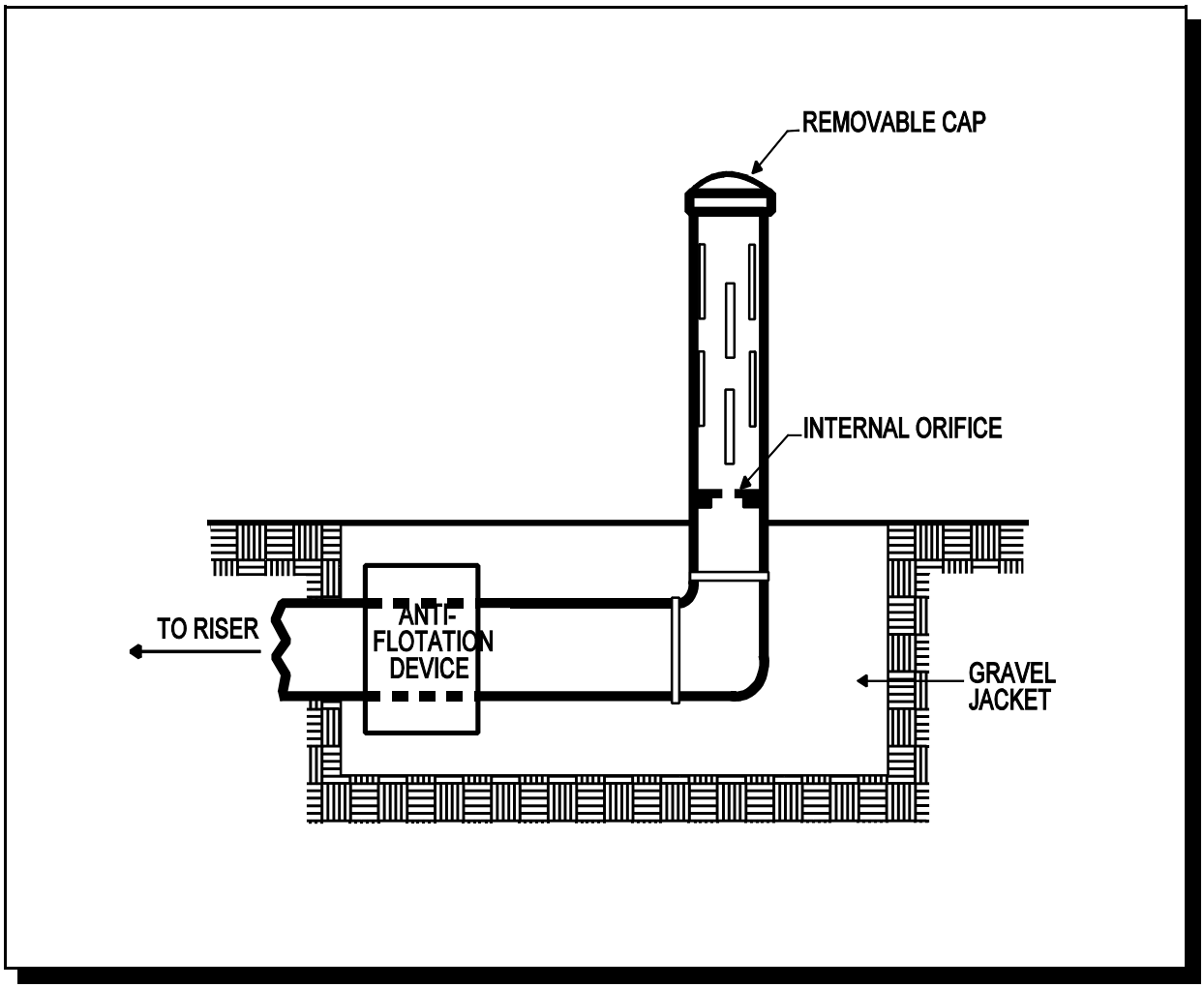
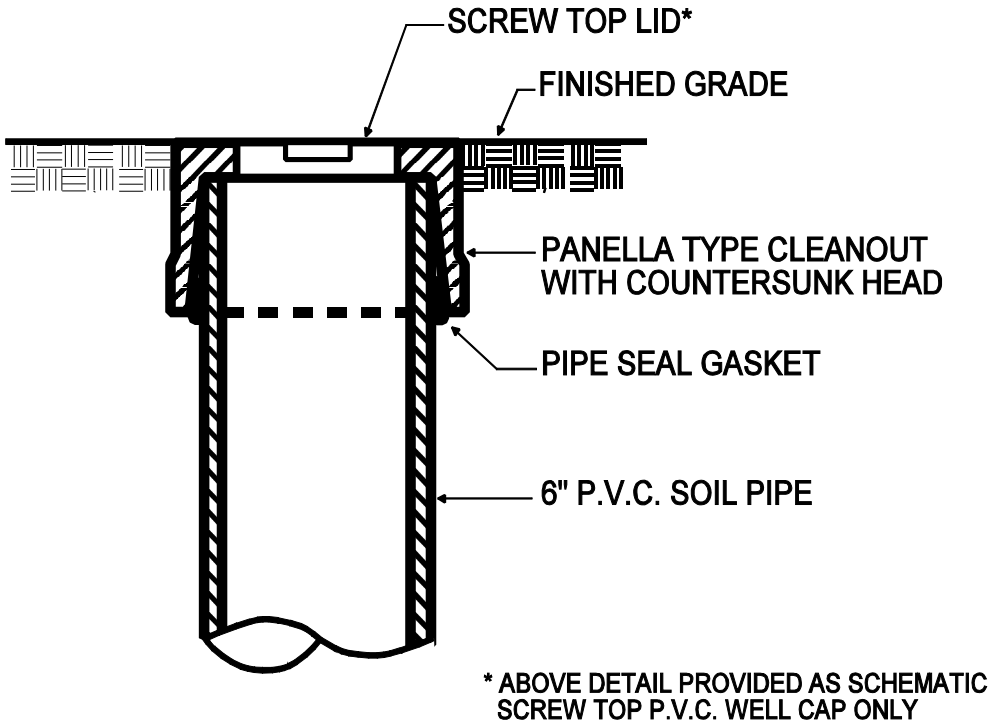


Figure K.4 Observation Well for Infiltration Practices



EACH OBSERVATION WELL / CLEANOUT SHALL INCLUDE THE FOLLOWING:

1. FOR AN UNDERGROUND FLUSH MOUNTED OBSERVATION WELL / CLEANOUT, PROVIDE A TUBE MADE OF NON-CORROSIVE MATERIAL, SCHEDULE 40 OR EQUAL, AT LEAST THREE FEET LONG WITH AN INSIDE DIAMETER OF AT LEAST 6 INCHES.

2. THE TUBE SHALL HAVE A FACTORY ATTACHED CAST IRON OR HIGH IMPACT PLASTIC COLLAR WITH RIBS TO PREVENT ROTATION WHEN REMOVING SCREW TOP LID. THE SCREW TOP LID SHALL BE CAST IRON OR HIGH OMPACT PLASTIC THAT WILL WITHSTAND ULTRA-VIOLET RAYS.

Figure K.5 On-Line Versus Off-Line Schematic

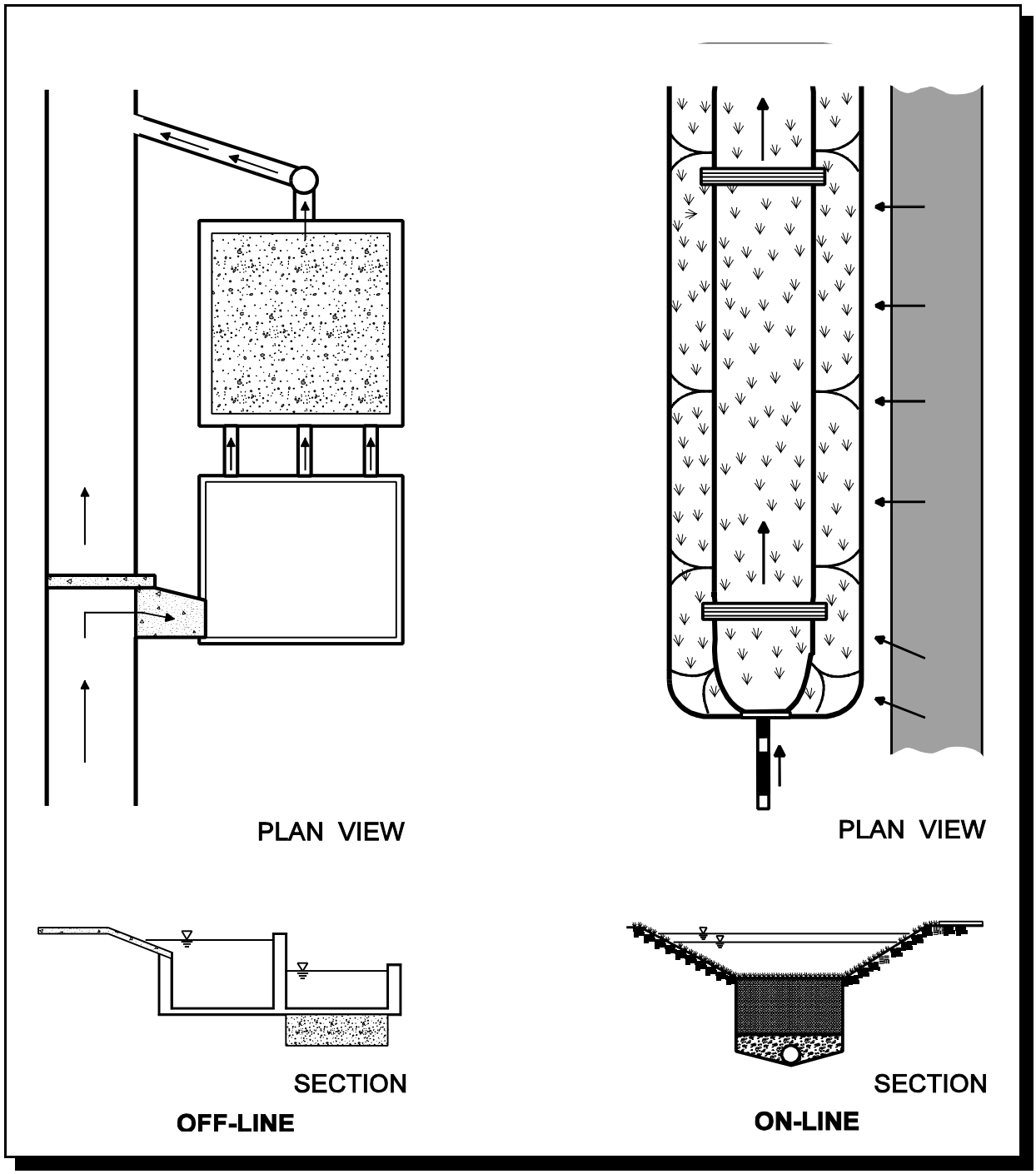


Figure K. 6 Isolation Diversion Structure

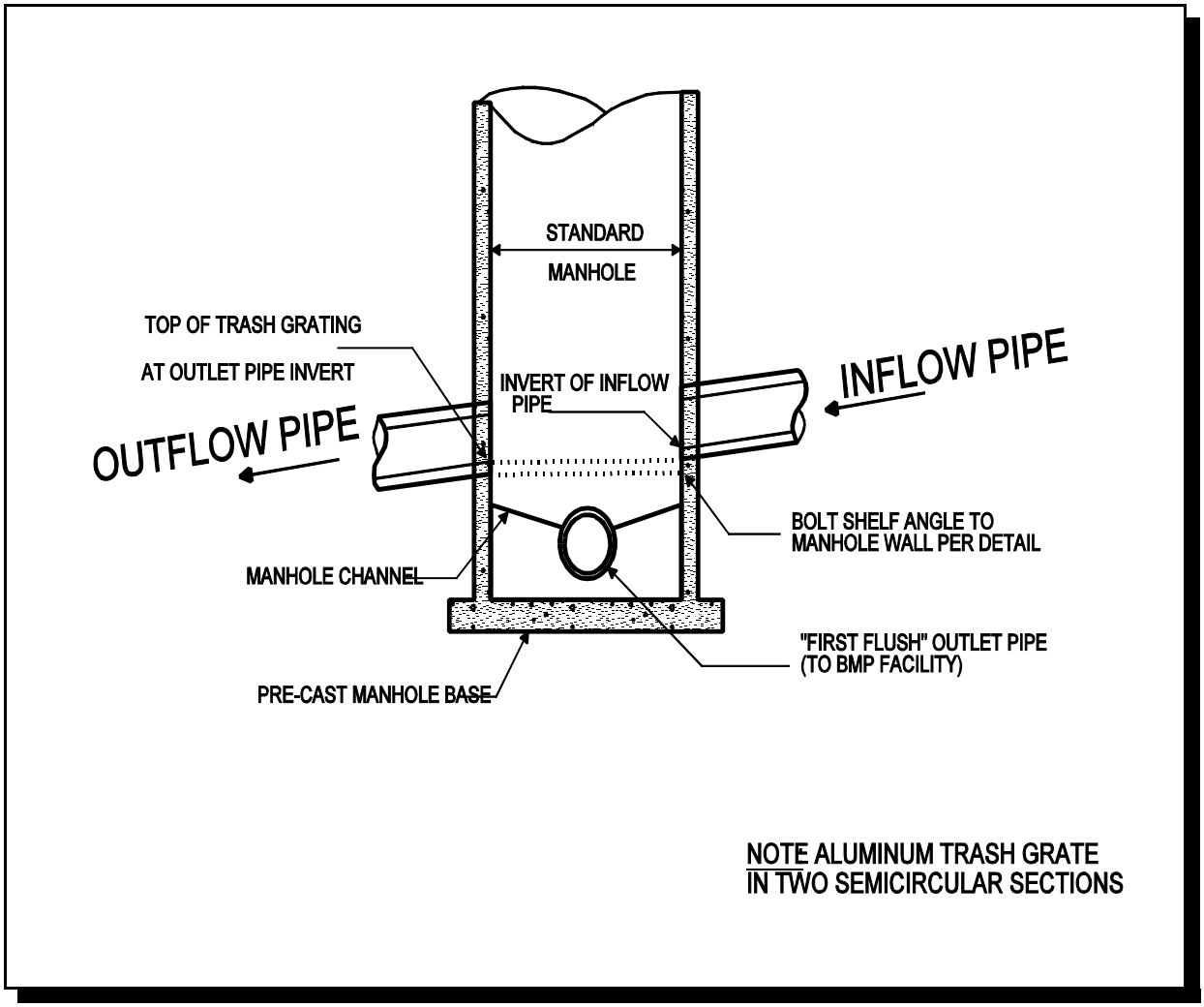


Figure K.7 Half Round CMP Hood

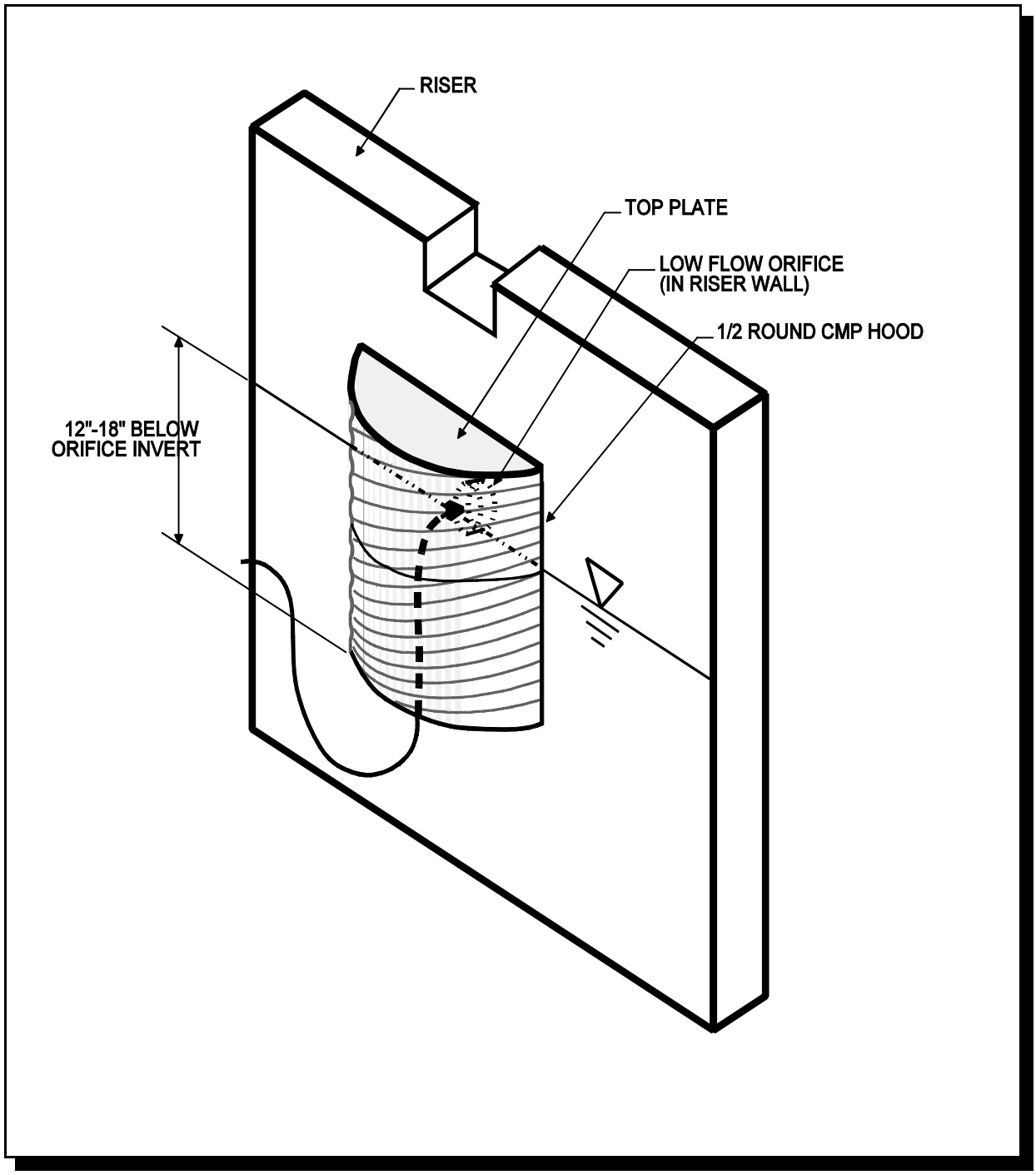


Figure K.8 Half Round CMP Weir

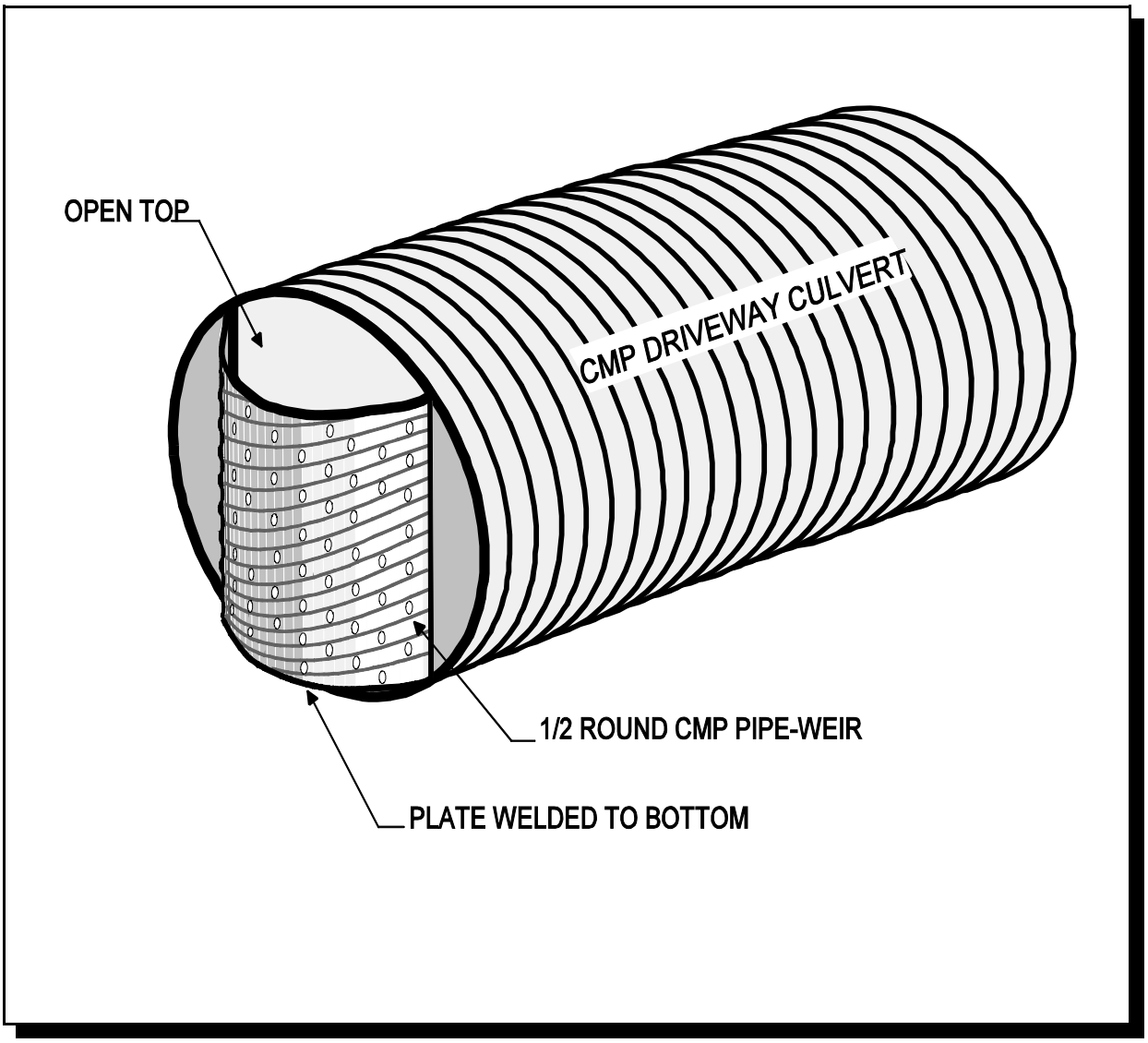


Figure K.9 Concrete Level Spreader

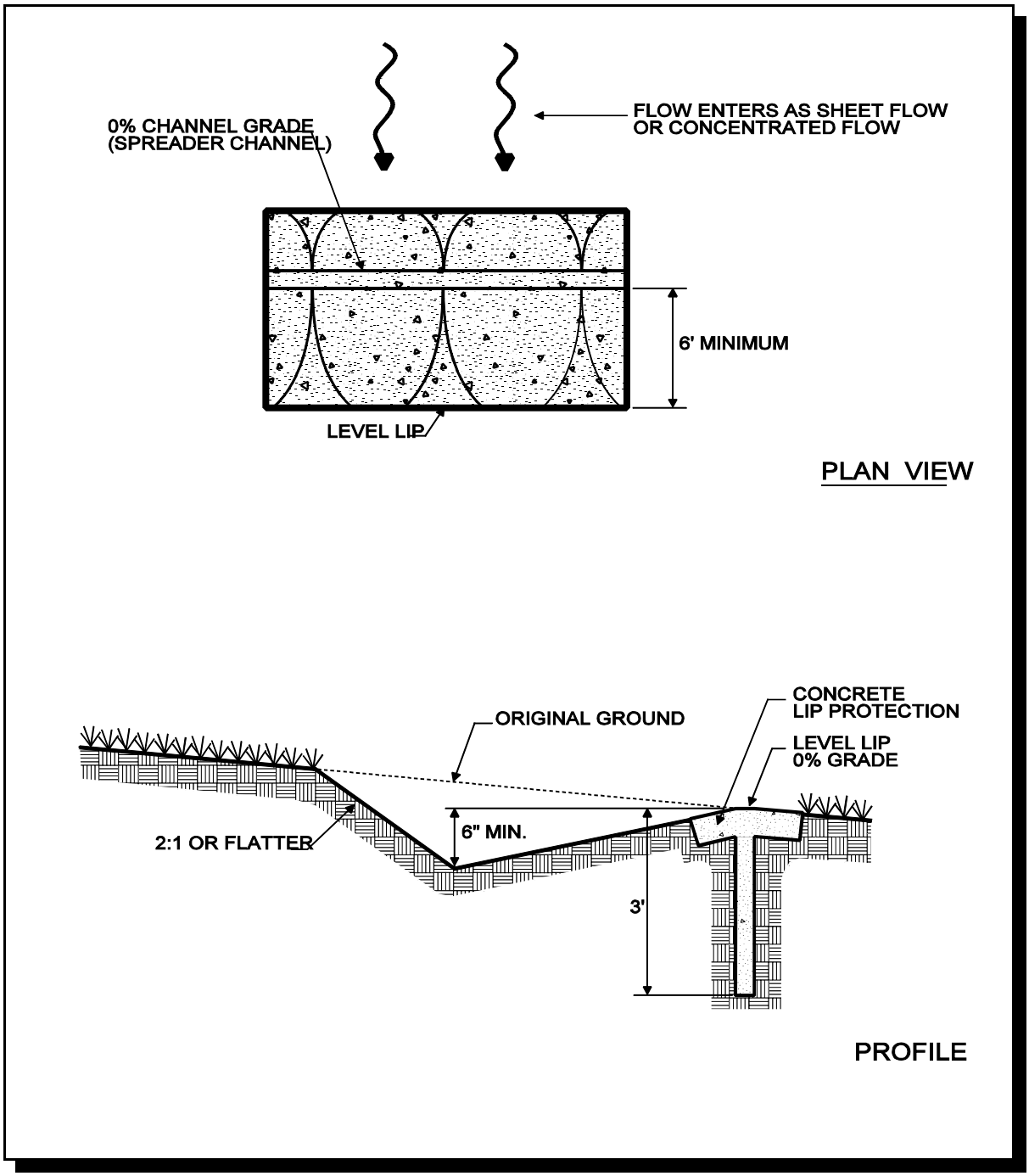


Figure K.10 Baffle Weir for Cold Climates

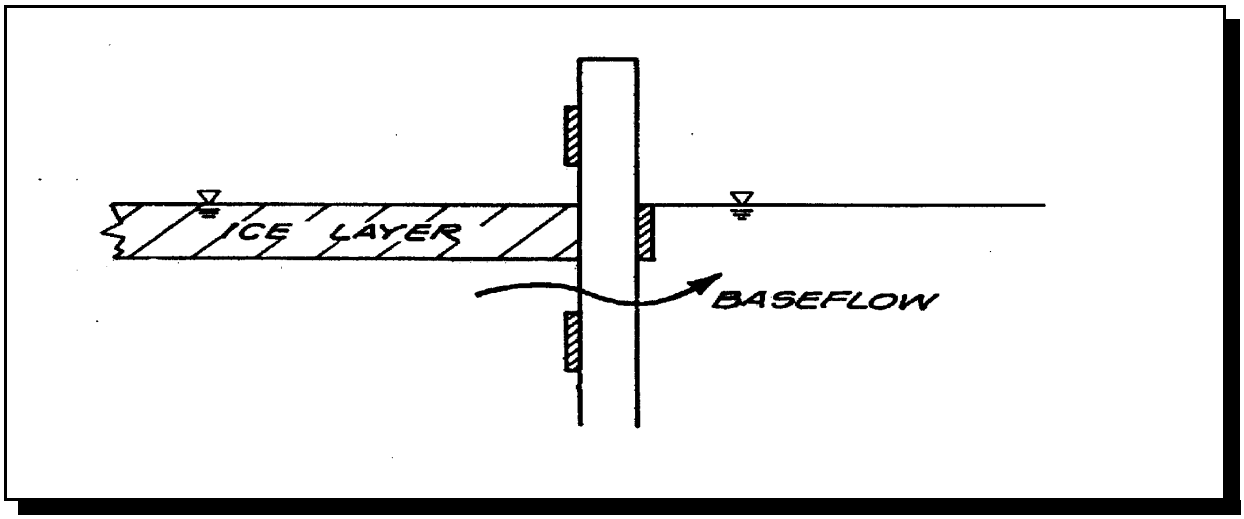


Figure K.11 Hooded Outlet with Hood Below Ice Layer

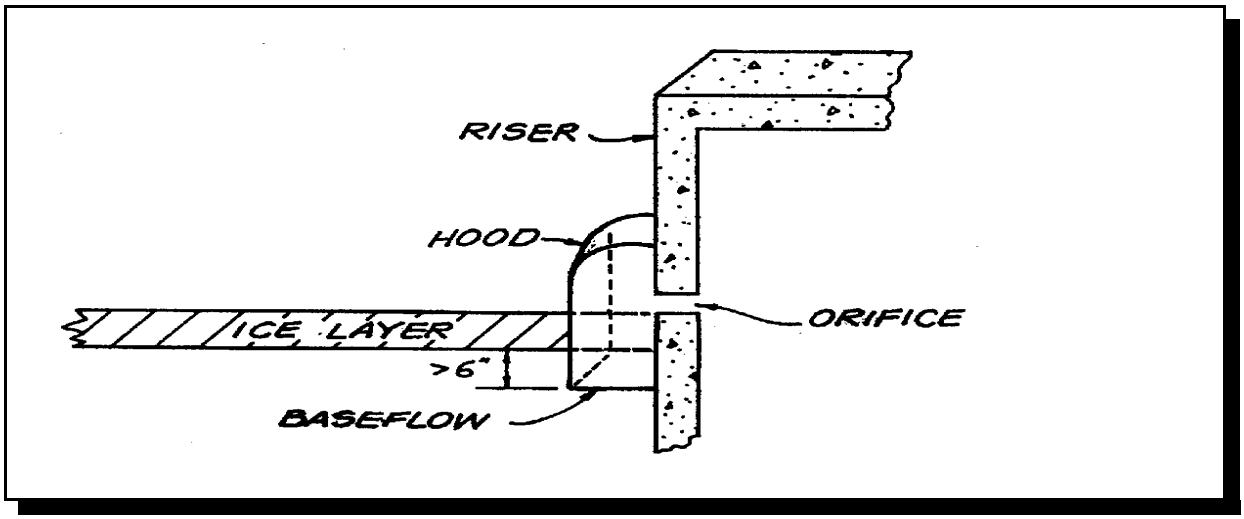


Figure K.12 Shallow Angle Trash Rack to Prevent Icing