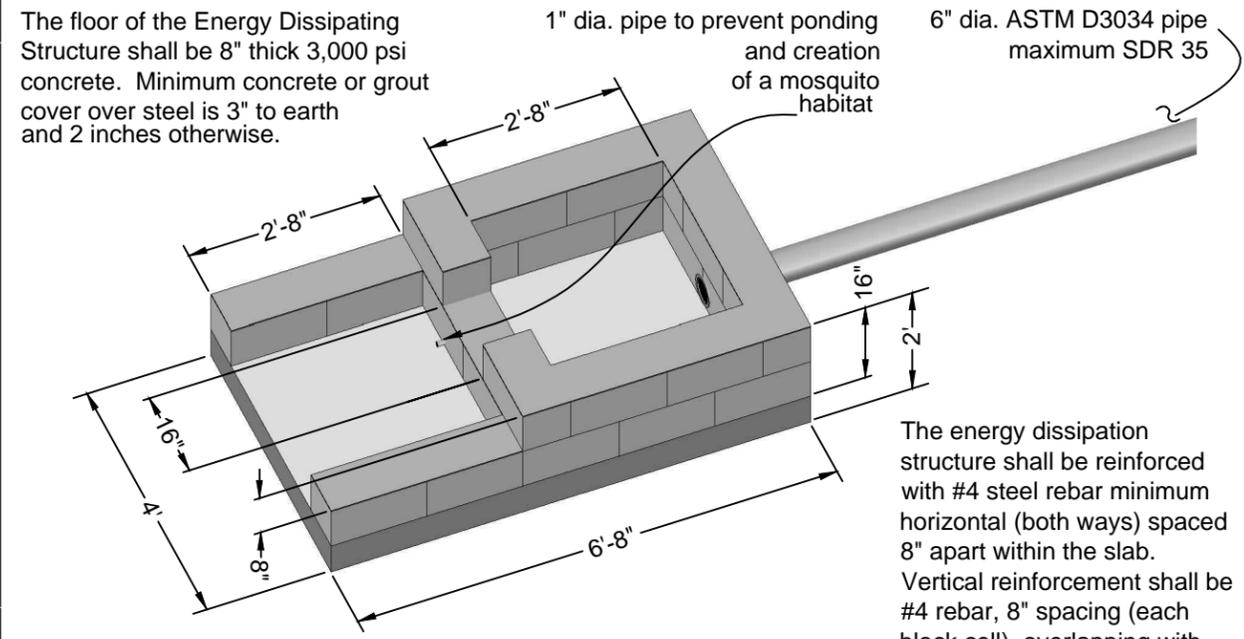


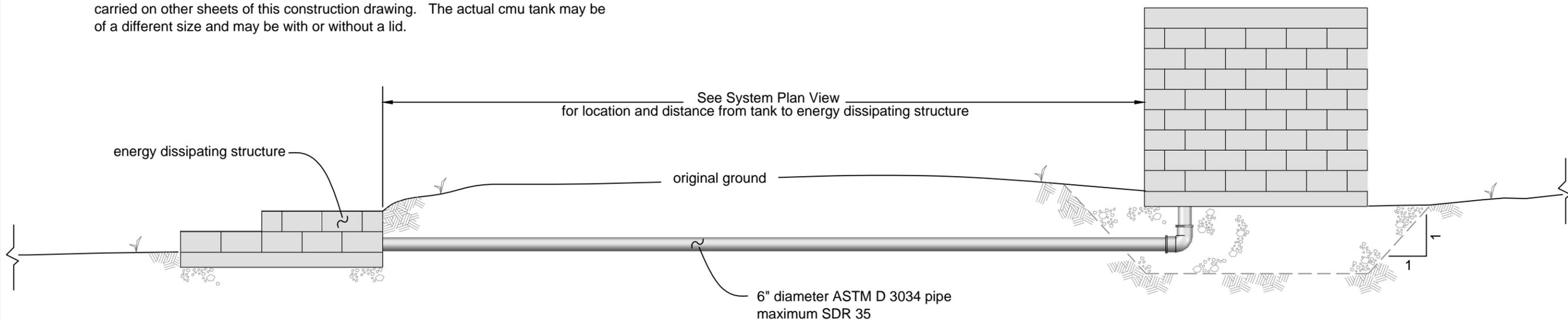
Cutaway Showing Removable Internal Overflow Pipe

1. A 6" dia. ASTM D3034, bell and spigot, pvc pipe will be used for overflow. The vertical section will be removable to function as a rapid drain. The vertical section will fit into the bell shaped fitting that is embedded in the tank floor. The bell fitting shall be equipped with an elastomeric gasket manufactured for that particular application. Handles can be bolted to the vertical section to aid in removal.
2. The horizontal section of the overflow shall be a buried 6" dia. pipe (ASTM D 3034). The pipe must be pressure rated. The horizontal pipe section shall have 18" of cover. See the plan view of the system for location of the outlet structure.
3. An energy dissipating structure at the outlet is to be constructed of concrete and concrete masonry units as shown below.



Energy Dissipating Structure

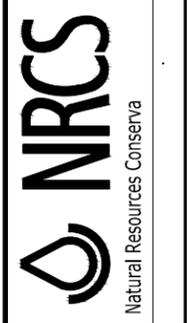
The concrete masonry tank (cmu) details shown are not to be used as construction information for the tank. Concrete masonry tank construction requirements are carried on other sheets of this construction drawing. The actual cmu tank may be of a different size and may be with or without a lid.



Profile

Des' i' d _____
 checked _____
 -Pl i' d _____
 Title _____

Water Catchment With Internal Overflow and Drain
 Cooperating with the _____ Soil and Water Conservation District
 Village of _____



File Name _____ .dwg
 Drawing No. _____
 PB- _____
 Sheet _____