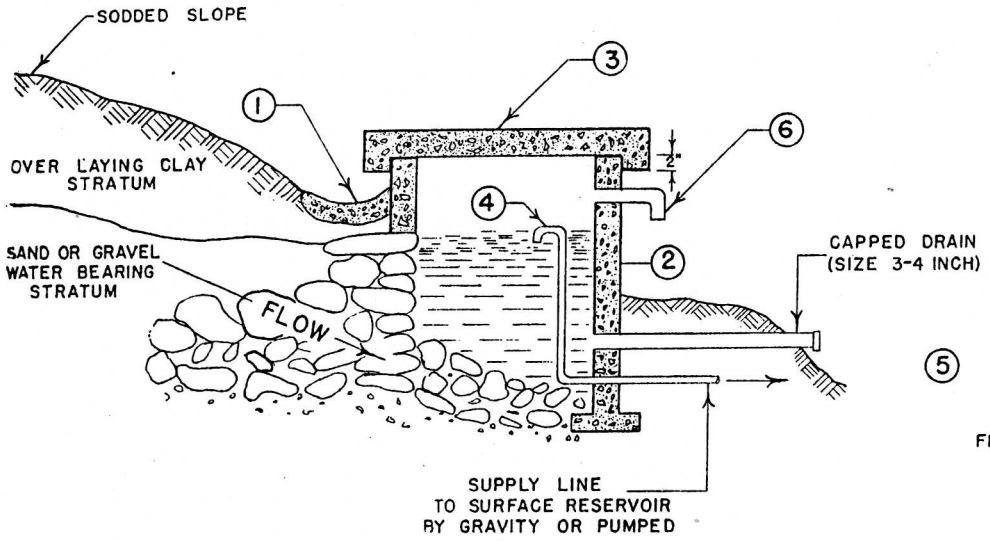
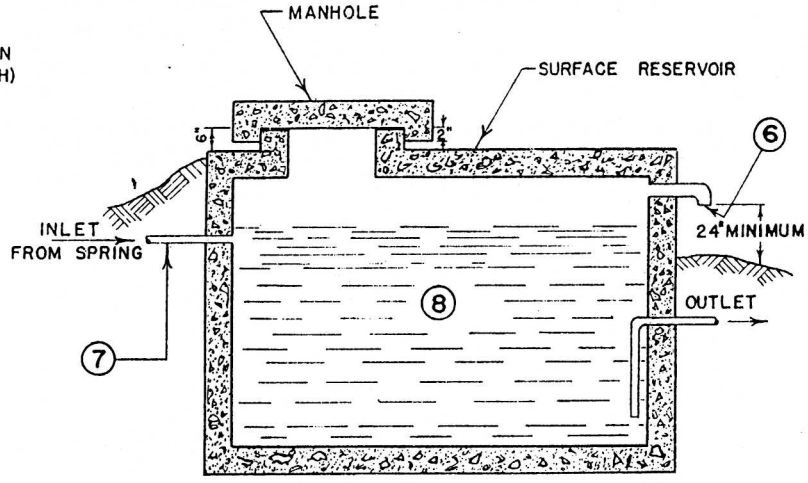
MISSOURI DEPARTMENT OF HEALTH

RECOMMENDED CONSTRUCTION AND PROTECTION OF A SPRING WATER SUPPLY INCLUDING CHLORINATION FACILITIES





1-GOOD SURFACE DRAINAGE AWAY FROM SPRING ON ALL SIDES.

2-CONCRETE BOX AROUND SPRING WITH WALLS OF WATER TIGHT CONSTRUCTION.

3-CONCRETE BOX FITTED WITH TIGHT COVER TO PREVENT ENTRANCE OF ANIMALS, INSECTS AND VERMIN.

4-SUPPLY LINE PLACED AT NORMAL ELEVATION OF WATER IN SPRING, WATER DRAWN FROM BELOW THE SURFACE.

5-LOCATION OF SPRING AND RESERVOIR ABOVE FLOOD LEVEL.

6-OVERFLOW PIPES, OPENINGS SCREENED WITH 16 MESH WIRE SCREEN.

7-LOCATION OF CHLORINATING UNIT AND CHLORINATION OF WATER PRIOR TO DISCHARGE INTO RESERVOIR.

8-WATER FROM SPRING MUST BE DISCHARGED INTO A WATER TIGHT RESERVOIR LARGE ENOUGH TO PROVIDE 2 HOURS HOLDING TIME BEFORE CONSUMPTION.