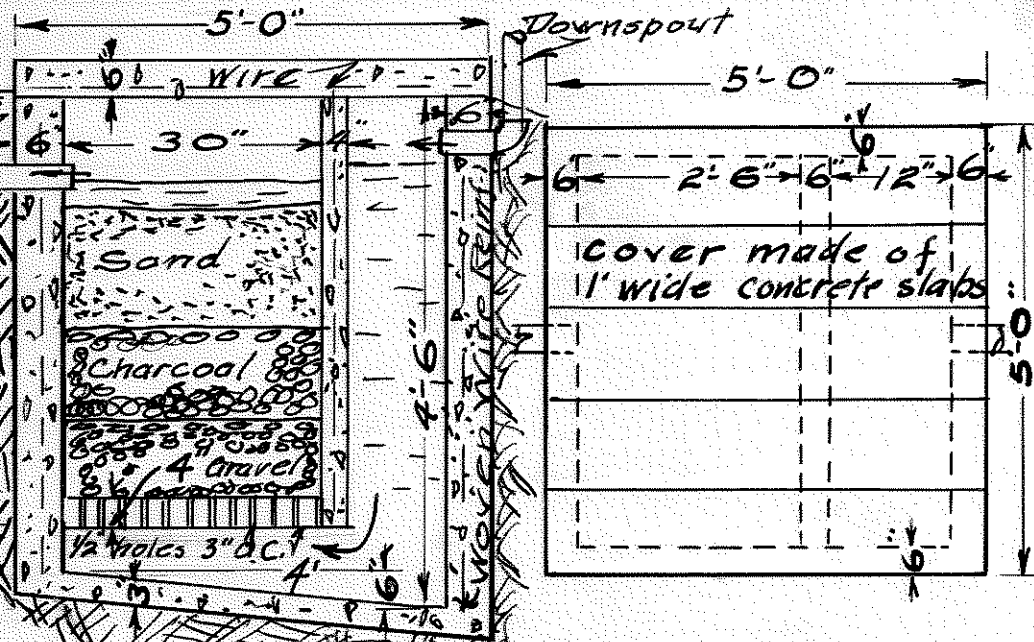


Cover reinforced with steel Rods $\frac{1}{2}$ " hole

4" Overflow

2'-0"

5" Intake



TILTER

Top View

MATERIALS FOR CISTERN.	
Brick	1500
Cement	3 bbl.
Hydrated Lime	2 Sack
Gravel or Crushed Rock	$\frac{1}{2}$ yd
Sand	$\frac{1}{3}$ yd
1" pipe 10' 4" Pipe 20' Elbows.	

Brick of dome placed flat

Walls are finished with pure cement wash applied with brushy

Walls made of brick laid on edge and plastered on inside with 1 part cement to 2 parts sand.

8'-0" Suction Pipe

Overflow pipe extends to floor

Filter wall of brick

8' Diam

6'-0"

Floor made of 1-2-4 Mix

SECTION VIEW

Capacity 12 bbl for each foot of depth. When soil is firm successful cisterns have been built by plastering with 1-2 cement direct to earth. Only top 4' are bricked or concreted. In circular cistern a 4" concrete wall is better. Square cisterns need steel reinforcing in walls and top.