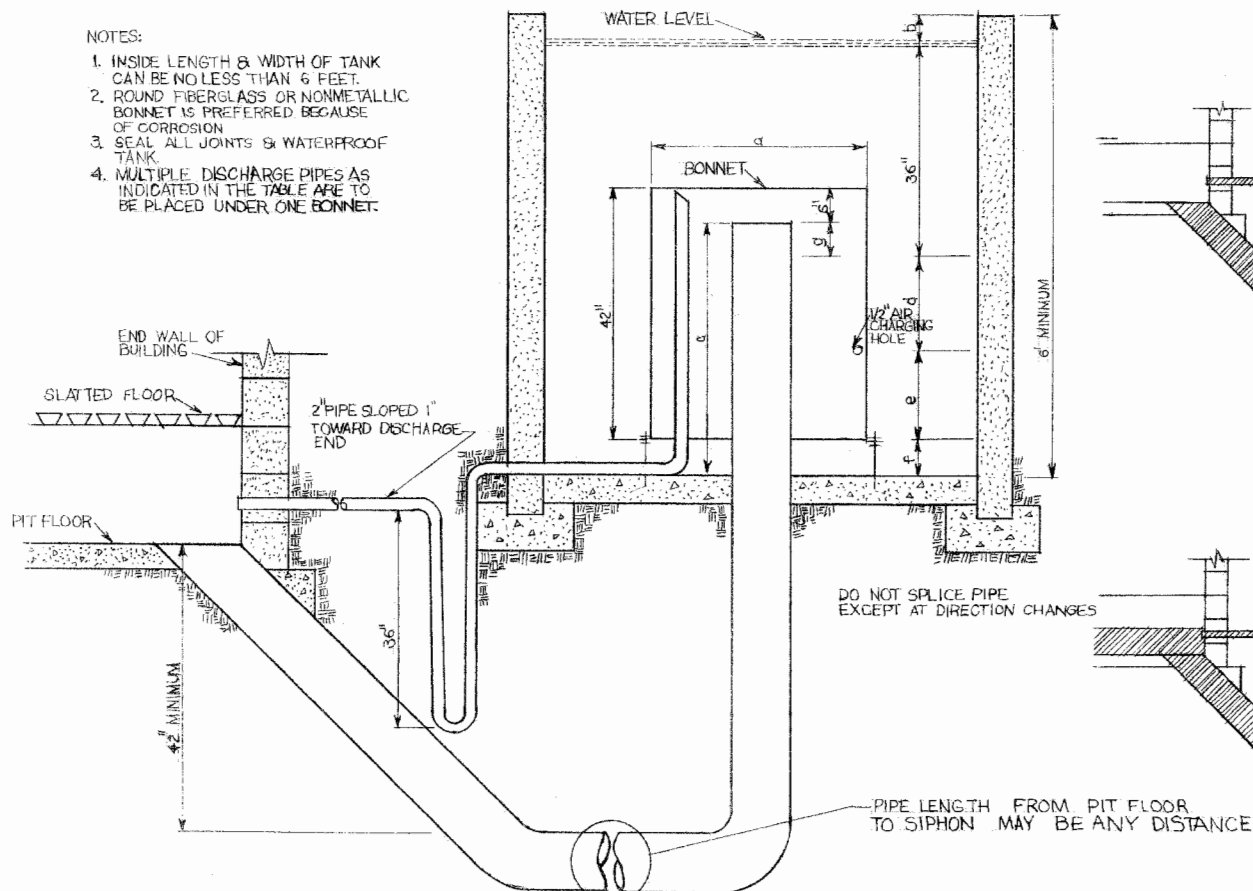


NOTES:

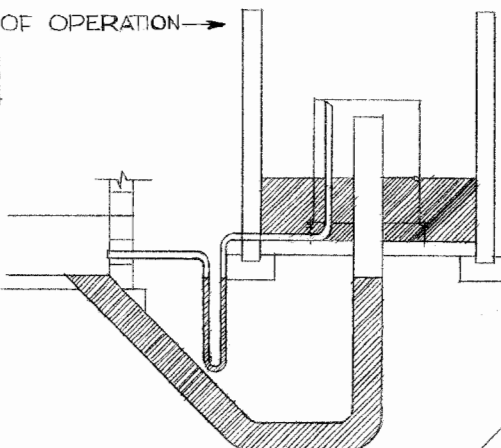
1. INSIDE LENGTH & WIDTH OF TANK CAN BE NO LESS THAN 6 FEET.
2. ROUND FIBERGLASS OR NONMETALLIC BONNET IS PREFERRED BECAUSE OF CORROSION.
3. SEAL ALL JOINTS & WATERPROOF TANK.
4. MULTIPLE DISCHARGE PIPES AS INDICATED IN THE TABLE ARE TO BE PLACED UNDER ONE BONNET.



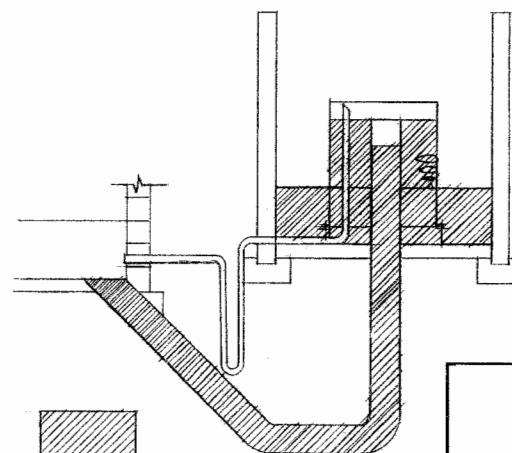
MULTIPLE DISCHARGE SIPHON

SIPHON PHASES OF OPERATION

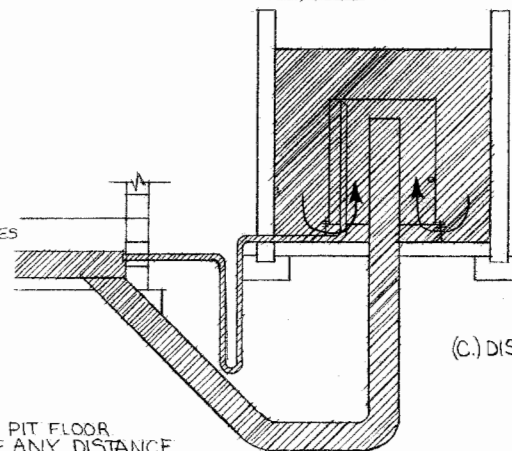
NOMINAL PIPE DIAMETER (INCHES)	4"			
NO. OF DISCHARGE PIPES	1	2	3	4
SYMBOL	SIPHON DIMEN. (INCHES)			
d	12	12	18	18
b	3.3	2.5	3.1	2.8
c	39	39	39	39
d	6.7	14.5	7.9	11.2
e	23	16	22	19
f	3	3	3	3
g	6.0	5.3	5.8	5.6
Q, GPM (DISCHARGE RATE)	293	589	860	1176



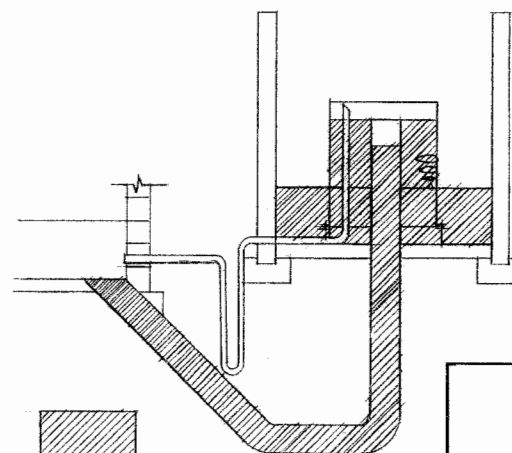
(A) BEGINNING TO FILL



(B) READY TO DISCHARGE



(C) DISCHARGING



(D) END OF DISCHARGE

REPRESENTS WATER

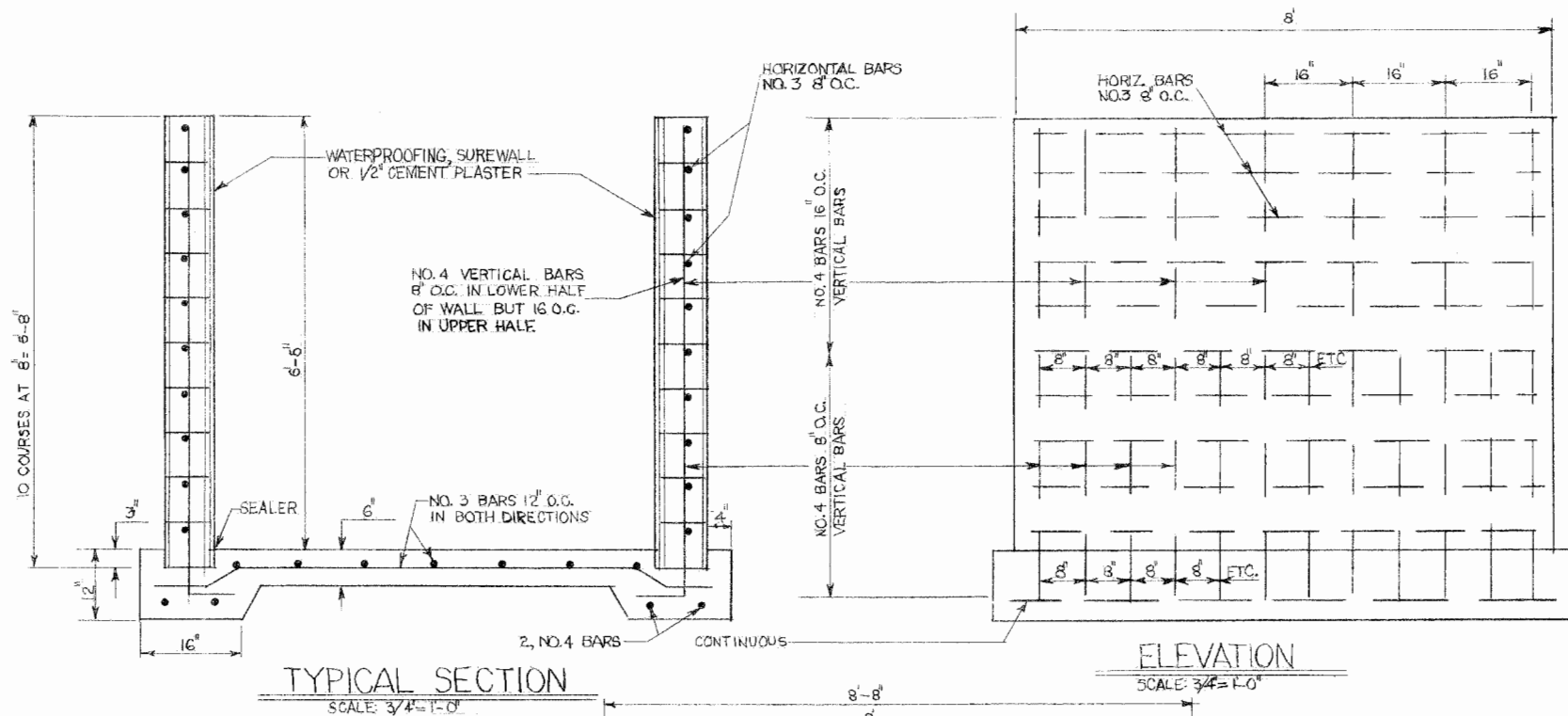


MULTIPLE SIPHON AND FLUSH TANK FROM N.C. STATE AT RALEIGH

ENGINEER N.C. STATE SCALE NONE

DRAWN BY N.C. STATE SHEET 1 OF 2

TRACED BY R. BEZET DATE 1-6-81 NO. 52-20



NOTES:

1. TANK MUST BE PLACED ON UNDISTURBED OR WELL COMPACTED SOIL.
2. PLACE REINFORCEMENT AS INDICATED AND FILL ALL CORES WITH CONCRETE.

FLOOR PLAN

SCALE: 3/4" = 1'-0"



MULTIPLE SIPHON / FLUSH TANK
FROM N.C. STATE AT RALEIGH

ENGINEER N.C. STATE SCALE AS SHOWN

DRAWN BY N.C. STATE SHEET 2 OF 2

TRACED BY R. BEZET DATE 1-8-82 NO. 52-20

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.