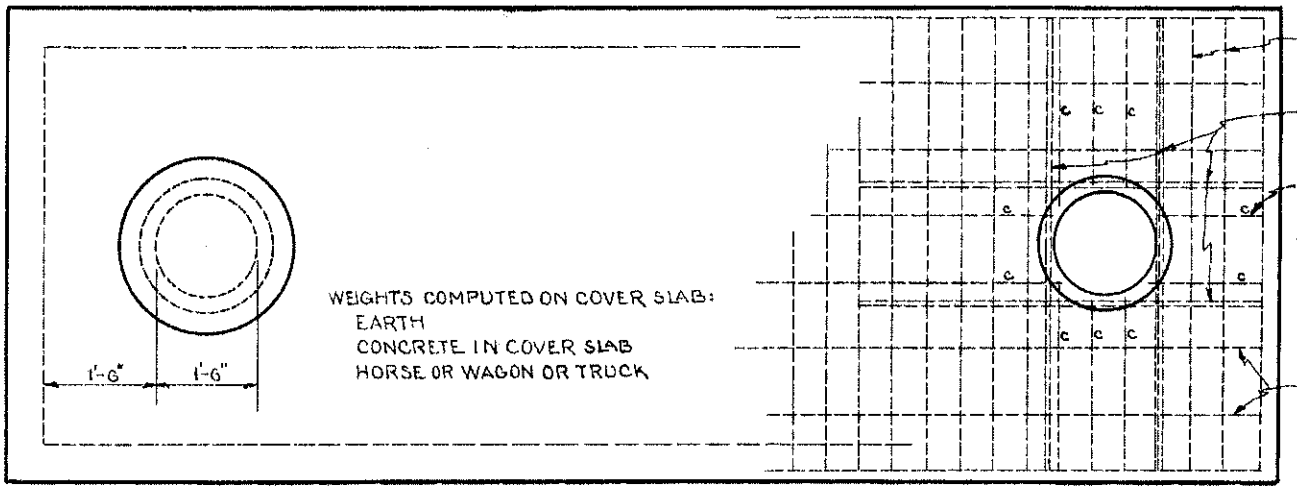
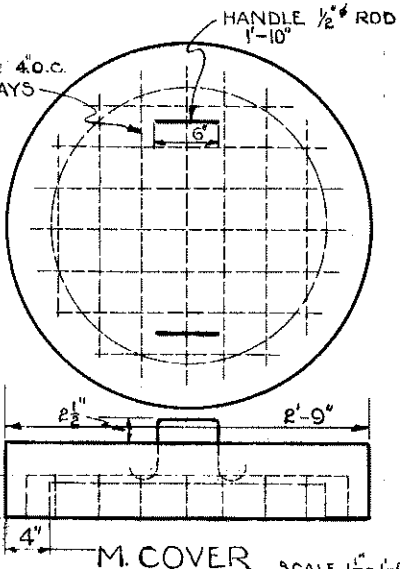
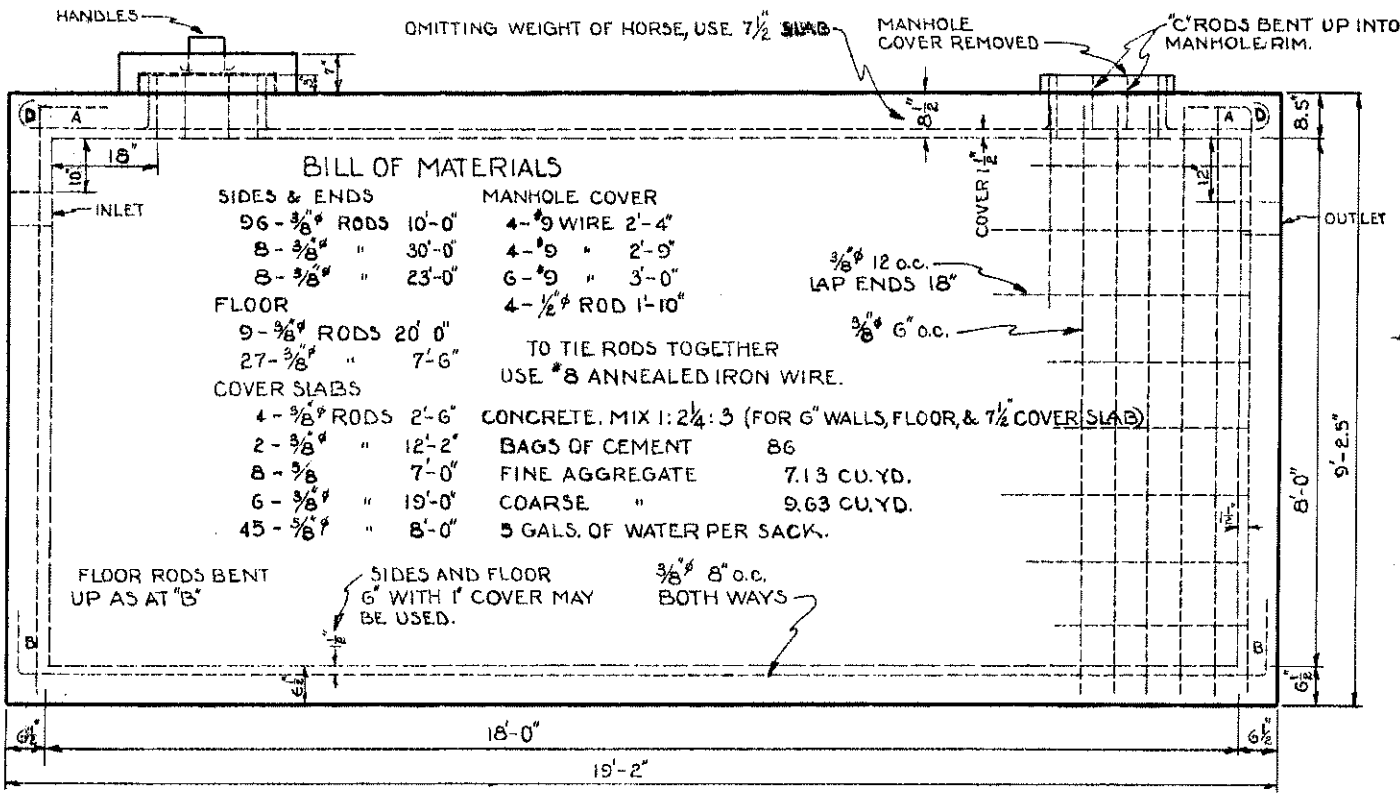
COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF NORTH DAKOTA
NORTH DAKOTA AGRICULTURAL COLLEGE
AND
U.S. DEPT OF AGRICULTURE COOPERATING





M. COVER SCALE 1 1/2" = 1'-0"



BILL OF MATERIALS

SIDES & ENDS
96 - 3/8"ϕ RODS 10'-0"
8 - 3/8"ϕ " 30'-0"
8 - 3/8"ϕ " 23'-0"

FLOOR
9 - 3/8"ϕ RODS 20' 0"
27 - 3/8"ϕ " 7'-6"

COVER SLABS
4 - 3/8"ϕ RODS 2'-6"
2 - 3/8"ϕ " 12'-2"
8 - 5/8" " 7'-0"
6 - 3/8"ϕ " 19'-0"
45 - 5/8"ϕ " 8'-0"

MANHOLE COVER
4 - #9 WIRE 2'-4"
4 - #9 " 2'-9"
6 - #9 " 3'-0"
4 - 1/2"ϕ ROD 1'-10"

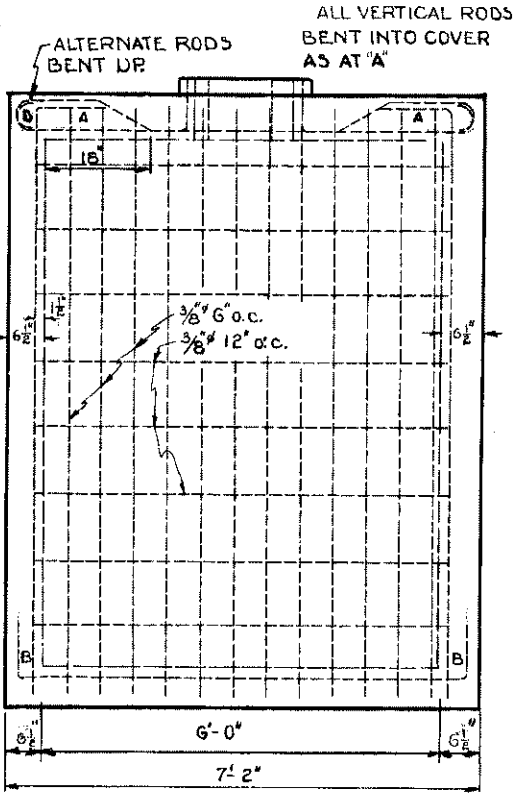
TO TIE RODS TOGETHER USE #8 ANNEALED IRON WIRE.

CONCRETE. MIX 1:2 1/4:3 (FOR 6" WALLS, FLOOR, & 7 1/2" COVER SLAB)
BAGS OF CEMENT 86
FINE AGGREGATE 7.13 CU.YD.
COARSE " 9.63 CU.YD.
5 GALS. OF WATER PER SACK.

FLOOR RODS BENT UP AS AT "B"

SIDES AND FLOOR 6" WITH 1" COVER MAY BE USED.

3/8"ϕ 8" o.c. BOTH WAYS



SEPTIC TANK

SCALE 3/4" = 1'-0"

PLAN NO. N.D. 8511-6-1 DR'N BY [illegible] DATE 17/2/48