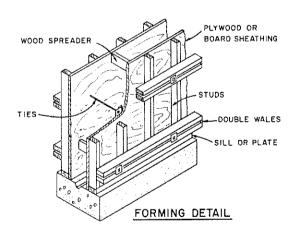


CROSS-SECTION AT PUMP & AGITATOR OPENING

GENERAL NOTES

- I. SUGGESTED MIX DESIGN: SPECIFY MIX CONTAINING 6 BAGS OF PORTLAND CEMENT PER CU. YO. AND NOT MORE THAN 6 GAL. OF WATER PER BAG OF CEMENT, SPECIFY 5-7% ENTRAINED AIR.
- 2. PRECAST PLANK OR DOUBLE TEES MAY BE USED AS ALTERNATE ROOF SYSTEM, CONSULT MFG. FOR DETAILS.
- 3. THE TANK COVER SHOULD BE INSTALLED BEFORE WALLS ARE BACKFILLED.
- 4. SIZE AND SHAPE OF PUMP, AGITATOR AND FILL OPENINGS MAY VARY. CONSULT EQUIPMENT MFG. FOR DETAILS.
- 5. BARN CLEANER OR GUTTER INLET MAY BE ADAPTED TO SYSTEM.
- 6. A FLAP VALVE IN THE FLOOR MAY BE USED IN AREAS SUBJECT TO HIGH WATER TABLE TO AVOID FLOATATION OR BOUYANCY PROBLEMS WHEN TANK IS EMPTY.
- 7. THESE TANKS MAY BE BUILT ABOVE GROUND USING TYPE-2 ROOF.
- 8. FORMS TO BE TIGHT, STRAIGHT AND WELL BRACED, FORMS SHOULD BE OILED TO PERMIT EASY REMOVAL
- 9. STD. MFG. WALL FORMS MAY BE USED IN WALL CONSTRUCTION.
- 10. CONCRETE MUST BE EVENLY DISTRIBUTED IN FORMS AND SPADED OR MECH, VIBRATED TO ASSURE CONSOLIDATION.
- II. FORMS FOR CAST-IN-PLACE TANK COVER MUST BE ADEQUATELY SHORED. SHORING AND FORMS MUST BE REMOVED THROUGH PUMP AND AGITATOR OPENING.
- 12. THE AREA SURROUNDING THE TANK SHOULD BE PAVED, (MIN. WIDTH 10') OR PAYED APPROACH RAMPS BUILT.



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UNIVERSITY OF MARYL AND AND INITED STATES DEPARTMENT OF A GRICULTURE COOPERATING

RECTANGULAR CONCRETE
MANURE TANK

EX. 5981

SHEET 2 OF 3

NO. 4 BAR DOWEL DETAIL

TO ACT AS SAFETY GRATING

