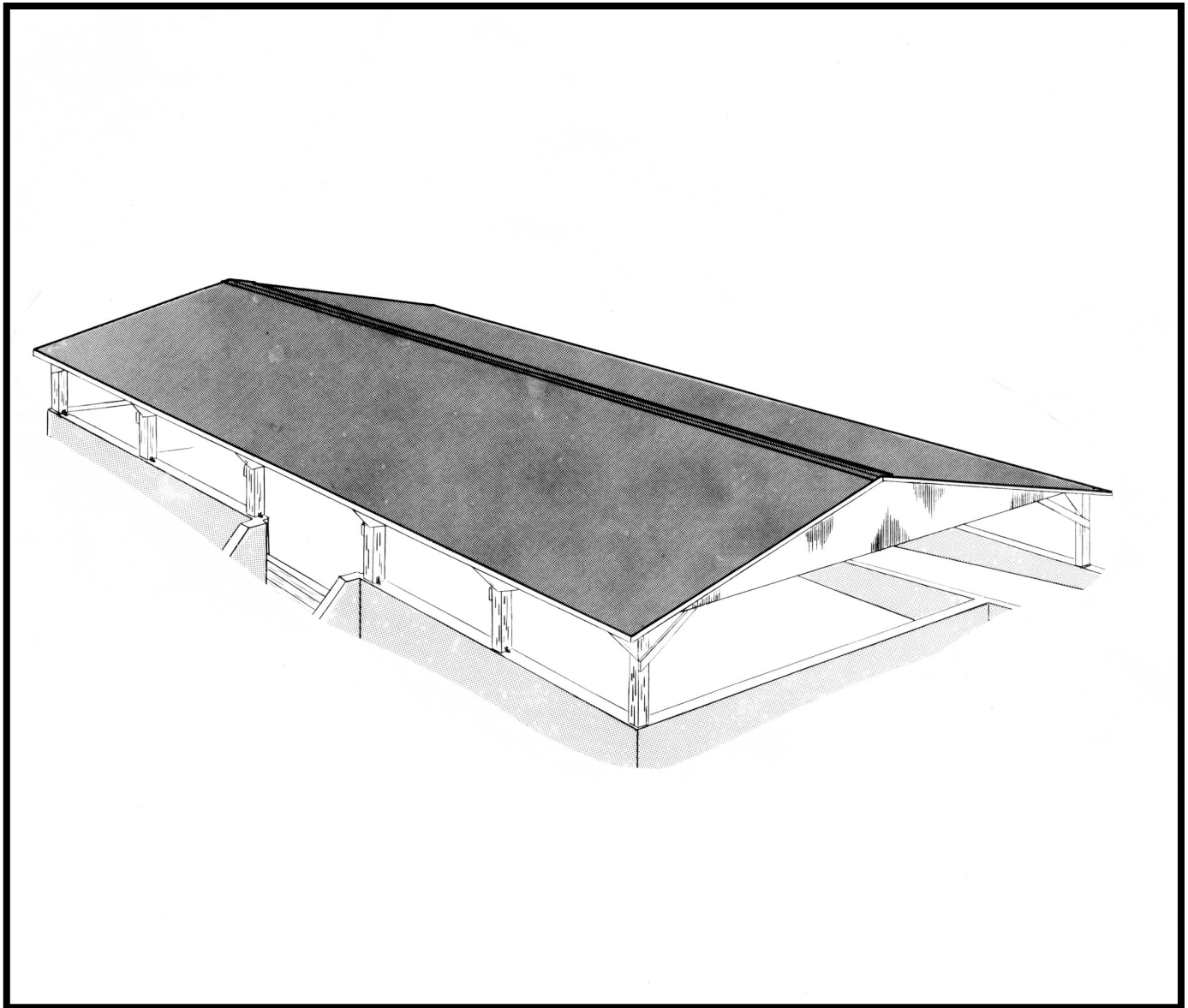




CONCRETE MANURE TANK ROOF FRAMING DETAILS



383-11

CONCRETE MANURE TANK ROOF FRAMING DETAILS

This is a plan showing roof construction details for the concrete manure tank, plan 383-10. This plan shows two different methods of side wall construction. One method is with post and beam. The other method is with stud frame wall construction.

It is recommended that 3/8" sheathing grade plywood, or equivalent, be installed to prevent corrosion of the roof metal from manure gases.

We also recommend that a continuous ridge ventilator be installed to exhaust these gases.

For the safety of children, farm workers, and cattle, a fence should be installed around the manure tank. This fence should be galvanized wire mesh 4 ft. high, or equivalent. The fence should be fastened to roof support posts, or to steel posts cast into the concrete tank wall at 12 ft. intervals.