NOTE: OBSERVE ORIENTATION OF CORNER PLATE REBARS IN PANELS

4 x 2 x 2 Angle 3" long welded to Corner Plates

GASKET FILLER

NO. 3 REBAR

\( \frac{3}{4} \)" x 4" x 4" STEEL PLATE

CORNER PLATE

DETAIL

2 x 6" FORMING MATERIAL

CONC. 3/4" THICK

INSULATION 2" THICK

CONC. 3/4" THICK

6 x 6" NO. 8 WIRE MESH

POLYETHYLENE FILM

NO. 6 MASONRY TIE

PANEL CONSTRUCTION DETAILS

PANEL INSERT

NOTE: RICHMOND INSERT OR EQUIVALENT

HORIZONTAL SECTION

SCALE \( \frac{1}{2}" = 1' - 0" \)

PANEL REINFORCING

(Note changes in dimensions for "A" panels in parentheses)

See SHT. 7 for location of plates for pen partitions

VERTICAL SECTION

LIFTING DETAIL

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

FARROWING HOUSE TILT-UP CONCRETE CONSTRUCTION

NEBR. '63 EX 605I SHEET 3 OF 7
FAN OPENING DETAIL

PLATE LOCATIONS - PANEL "C"
(12 REQUIRED)

PLATE LOCATIONS - PANEL "B"
(12 AS SHOWN - B OPPOSITE)

WALL PANEL DETAILS

VENTILATION REQUIREMENTS:
2 exhaust fans
1. High - Low volume fan for winter and mild weather
   CAPACITY - 500 CFM at low volume
   1,500 CFM at high volume
2. Fan, high volume for summer
   CAPACITY - 10,000 CFM
   ALL FAN RATING AT 1/8" STATIC PRESSURE
   NOTE: PROVIDE WEATHER PROOF HOOD FOR FAN.

VENTILATION MANAGEMENT:
COLD WEATHER - THE HIGH-LOW VOLUME FAN OPERATES CONTINUOUSLY AT LOW VOLUME UNLESS EXTREME WEATHER OR HEATER FAILURE REDUCES INSIDE TEMPERATURE BELOW 35°F.

WINTER WEATHER - THE HIGH-LOW VOLUME FAN WILL OPERATE AT HIGH VOLUME WITH INCREASING TEMPERATURE.

HOT WEATHER - THE HIGH CAPACITY FAN CONTROLLED BY THE ADJUSTABLE DIFFERENTIAL THERMOSTAT WILL OPERATE CONTINUOUSLY WHEN THE TEMPERATURE IN THE BUILDING EXCEEDS 75°. BY ADJUSTING THE THERMOSTAT THE FAN WILL OPERATE UNTIL THE TEMPERATURE DROPS TO 80° AT TEMPERATURES OVER 85°. ADDITIONAL CIRCULATING FAN TO INCREASE AIR MOVEMENT INSIDE THE BUILDING WILL PROVIDE FOR GREATER ANIMAL COMFORT.