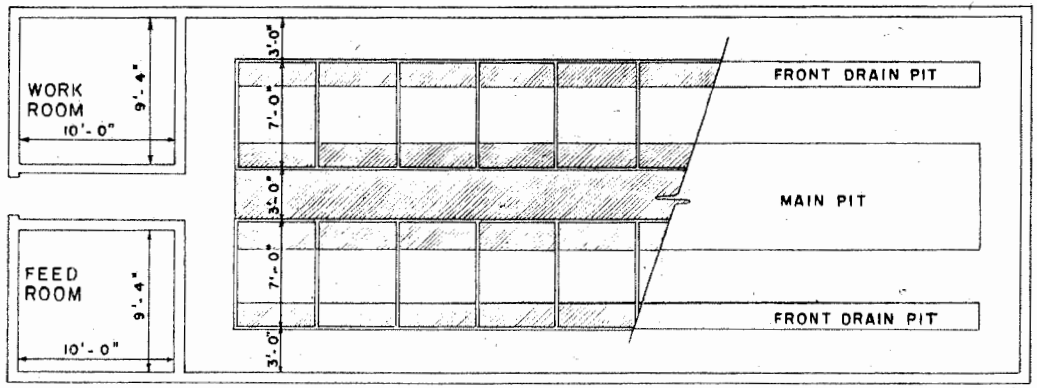
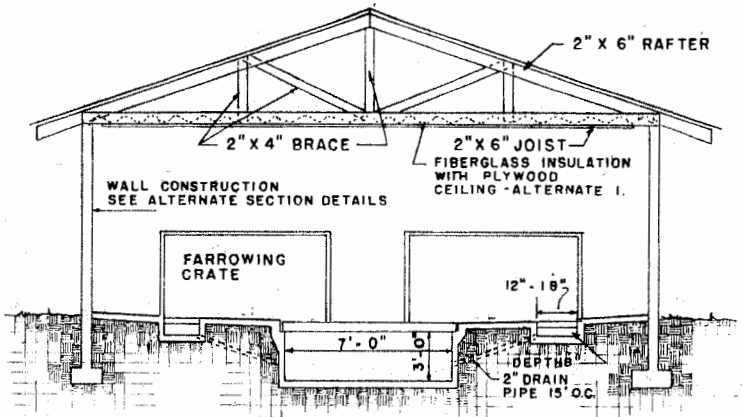
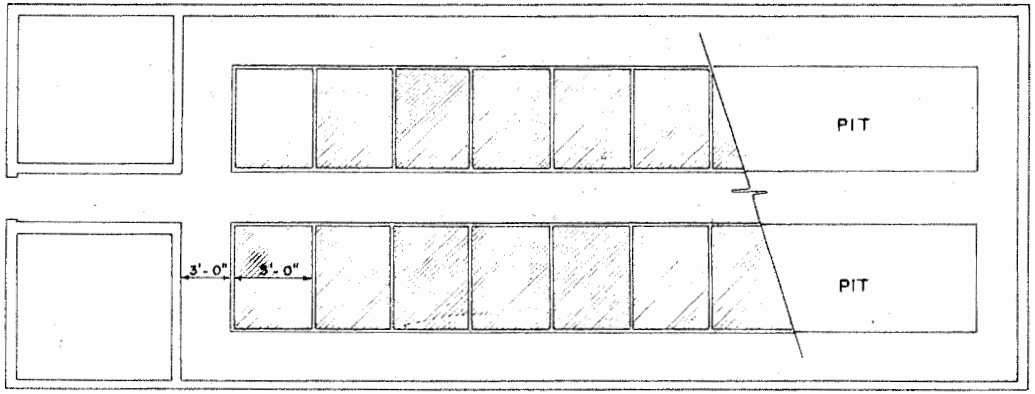


FLOOR PLAN PARTIAL SLAT, FACE OUT-SYSTEM

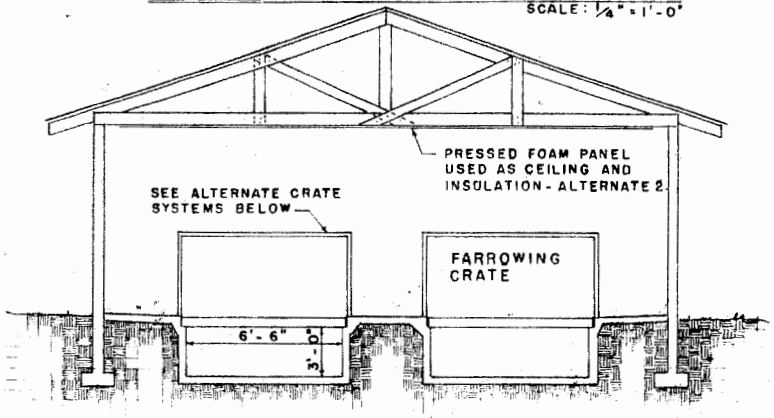


SECTION PARTIAL SLAT, FACE OUT SYSTEM

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

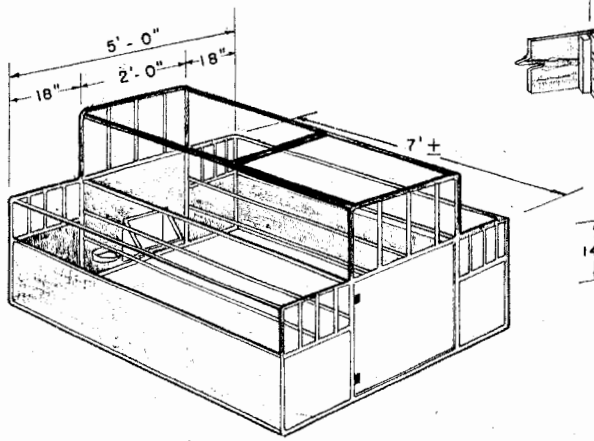


FLOOR PLAN TOTAL SLAT UNDER CRATE, FACE IN OR OUT - SYSTEM

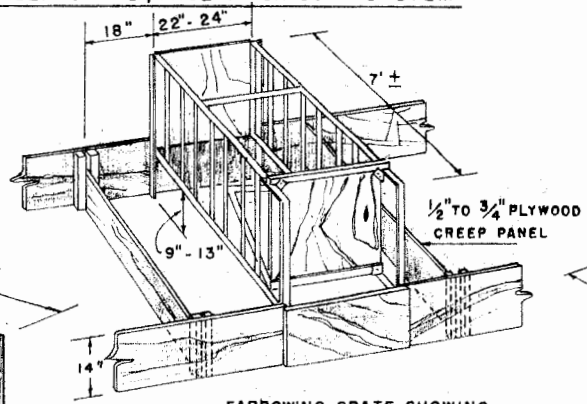


SECTION TOTAL SLAT UNDER CRATE, FACE IN OR OUT SYSTEM

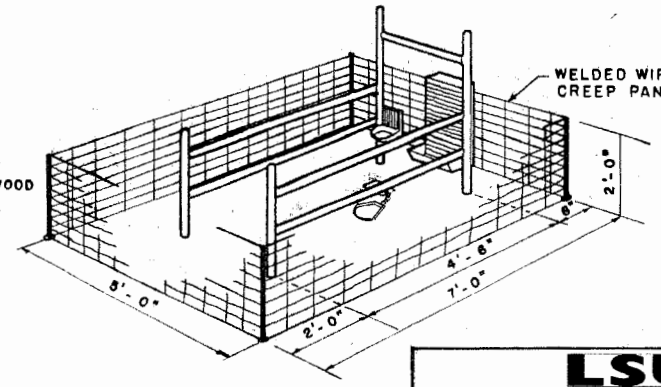
SCALE: 1/4" = 1'-0"



FARROWING CRATE - WITH FEEDER & WATERER IN FRONT OF CRATE - TYPICAL MANUFACTURED CRATE



FARROWING CRATE SHOWING ADJUSTABLE BACK BOARD



FARROWING CRATE USING TIE DOWN SYSTEM

ALTERNATE CRATE SYSTEMS

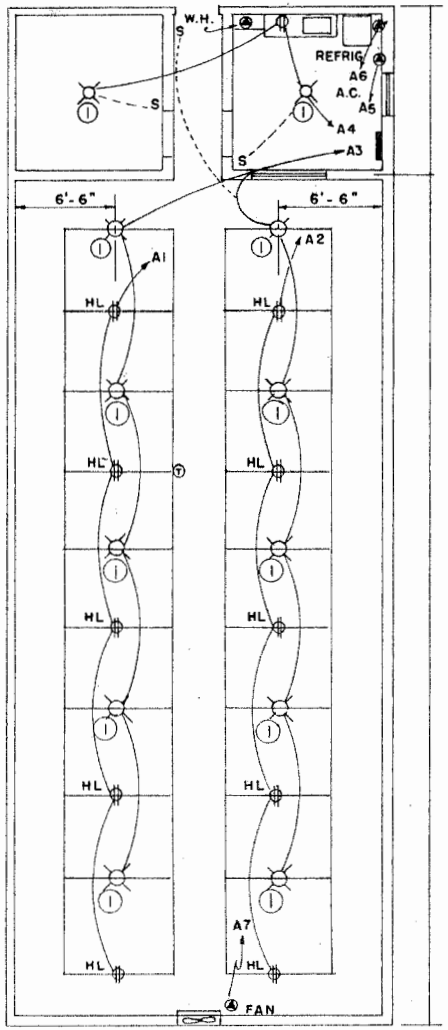
NO SCALE

NOTE:
EACH TYPE OF CRATE MAY BE USED WITH EITHER PIT ARRANGEMENT

LSU AgCenter Research & Extension

FARROWING HOUSE FOR LOUISIANA CONDITIONS

ENGINEER	F. E. BAKER	SCALE	AS SHOWN
DRAWN BY	JJJ	SHEET	1 OF 3
TRACED BY		DATE	8-14-70 NO. 34: 8



LEGEND

REF.	SPECIAL PURPOSE OUTLET FOR REFRIG.
HL	DUPLEX OUTLET MOUNTED ON CEILING FOR BROODER
T	THERMOSTAT FOR VENTILATING FAN
	BAKELITE PULL TYPE WITH CHAIN LIGHT RECEPTICAL
AC	SPECIAL PURPOSE OUTLET FOR AIR CONDITIONER
S	SWITCH - WALL TYPE
FAN	SPECIAL PURPOSE OUTLET FOR VENTILATING FAN
	GENERAL PURPOSE DUPLEX OUTLET

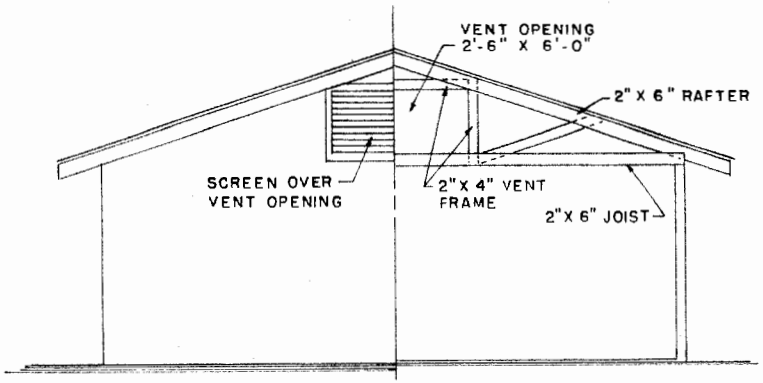
CIRCUITS

DISTRIBUTION PANEL - A CIRCUIT NO.	VOLTAGE	BREAKER SIZE	WIRE SIZE	DESCRIPTION
1	120	20 AMP	3/12	HEAT LAMP & CONVIENCE OUTLET
2	120	20 AMP	3/12	HEAT LAMP & CONVIENCE OUTLET
3	120	20 AMP	"	LIGHTS
4	120	20 AMP	3/12	LIGHTS & CONVIENCE OUTLET
5	120	20 AMP	3/12	SMALL A.C. FOR WORK ROOM
6	120	20 AMP	3/12	SPECIAL PURPOSE RECEPT.-REFRIG
7	120	20 AMP	"	VENT FAN
8	120	20 AMP	3/12	WATER HEATER
9				
10				

VENTILATION REQUIRMENTS FOR FARROWING HOUSES

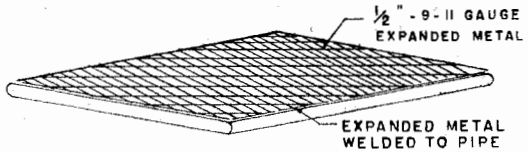
	TEMPERATURE OUTDOOR °F.	VENTILATION SOW & LITTER CU. FT/MIN @ 1/8" STATIC PRESSURE	HEAT NEEDED TO MAINTAIN 50°F. IN FARROWING HOUSE OVER & ABOVE THE HEAT GIVEN OFF BY SOW & LITTER * B.T.U./HR.	KW/HR
WINTER CONDITION	50	65	NONE	NONE
	40	47	NONE	NONE
	30	37	6,500	2.0
	20	30	31,000	9.0
	BELOW 20	20	31,000+	9.0+
SUMMER CONDITIONS	70 - 100 °F.	~~120~~ C.F.M. MIN.	—	—
	SUMMER VENTILATION VOLUMES ASSURE NO MORE THAN 3° F. INSIDE TEMPERATURE RISE OVER OUTDOOR TEMPERATURE			

* FOR 20 CRATE FARROWING HOUSE



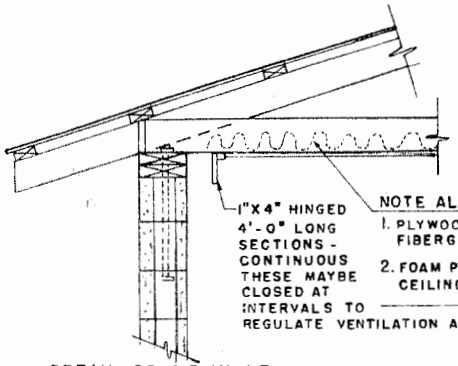
END ELEV. & SECTION

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



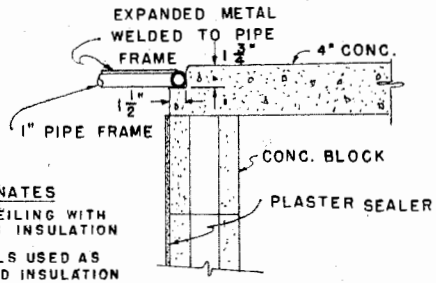
EXPANDED METAL SLAT SYSTEM

NO SCALE



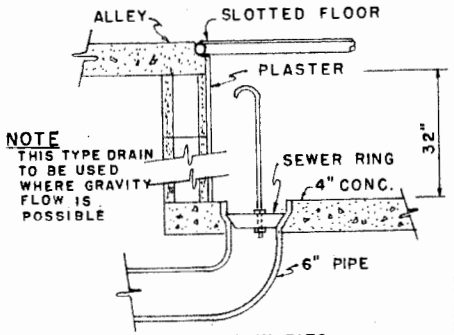
DETAIL OF AIR INLET

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



DETAIL OF PIT EDGE

SCALE: 1 1/2" = 1'-0"



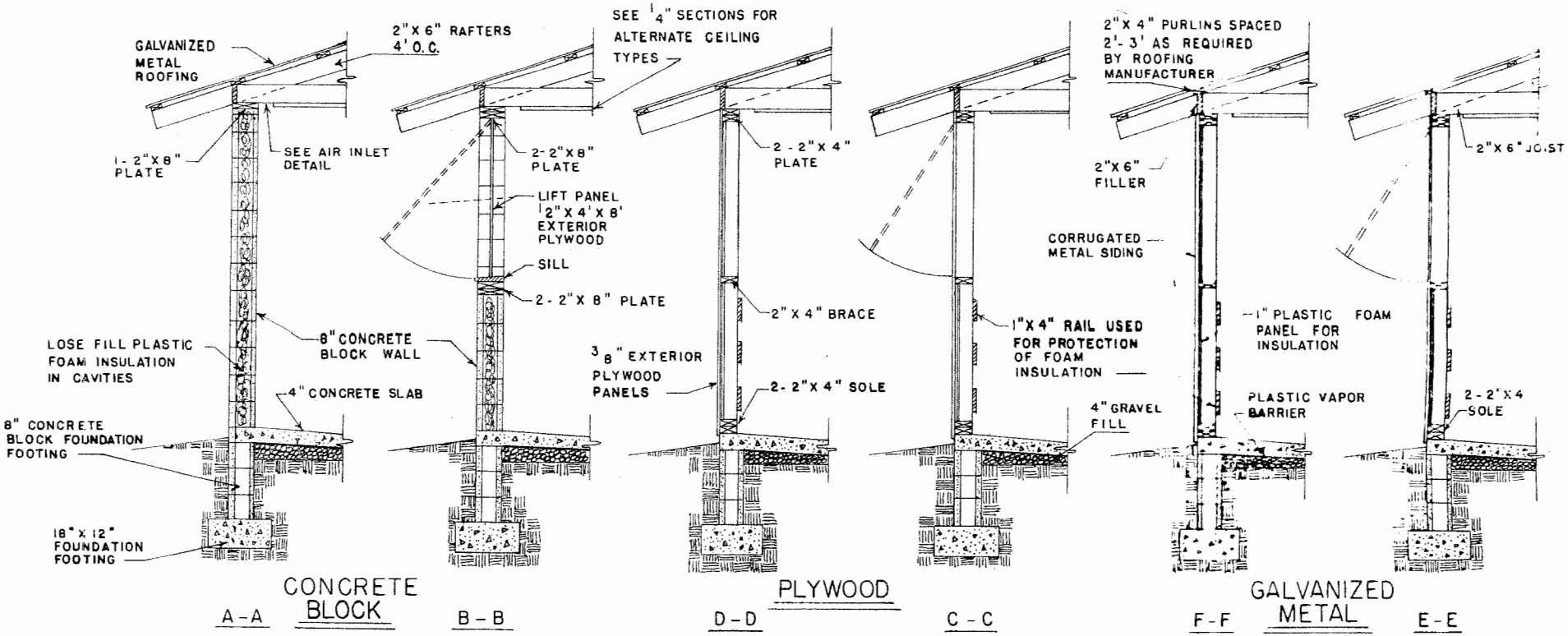
DETAIL OF DRAIN IN PITS

SCALE: 1" = 1'-0"

LSU AgCenter Research & Extension

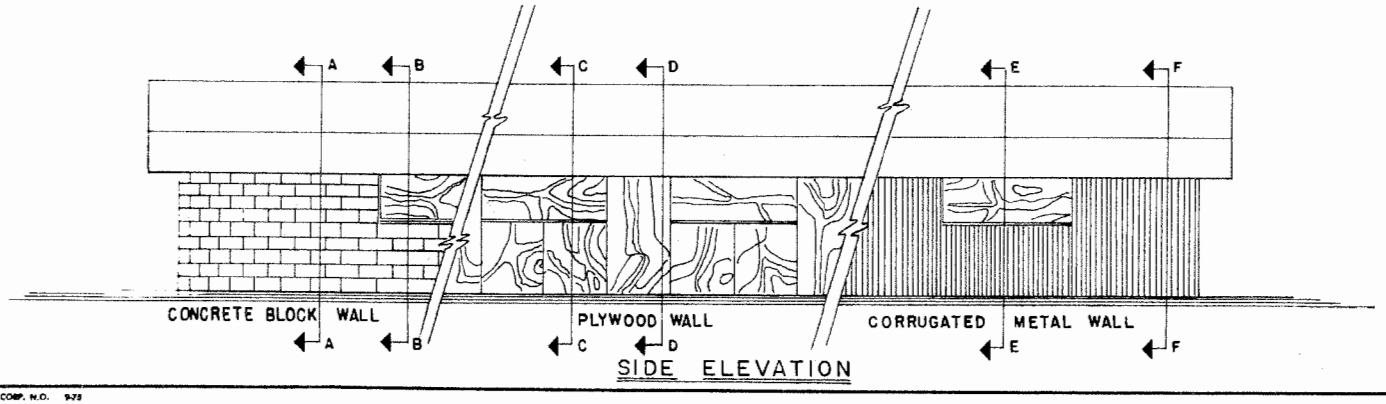
FARROWING HOUSE FOR LOUISIANA CONDITIONS

ENGINEER	F. E. BAKER	SCALE	AS SHOWN
DRAWN BY	JJJ	SHEET	2 OF 3
TRACED BY		DATE	6-14-70 NO. 54-8



WALL SECTIONS

SCALE 1/2" = 1'-0"



SIDE ELEVATION

LSU AgCenter Research & Extension

FARROWING HOUSE FOR LOUISIANA CONDITIONS

ENGINEER	F.E. BAKER	SCALE	AS SHOWN
DRAWN BY	JJJ	SHEET	3 OF 3
TRACED BY		DATE	6-14-70 NO. 54-8

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.