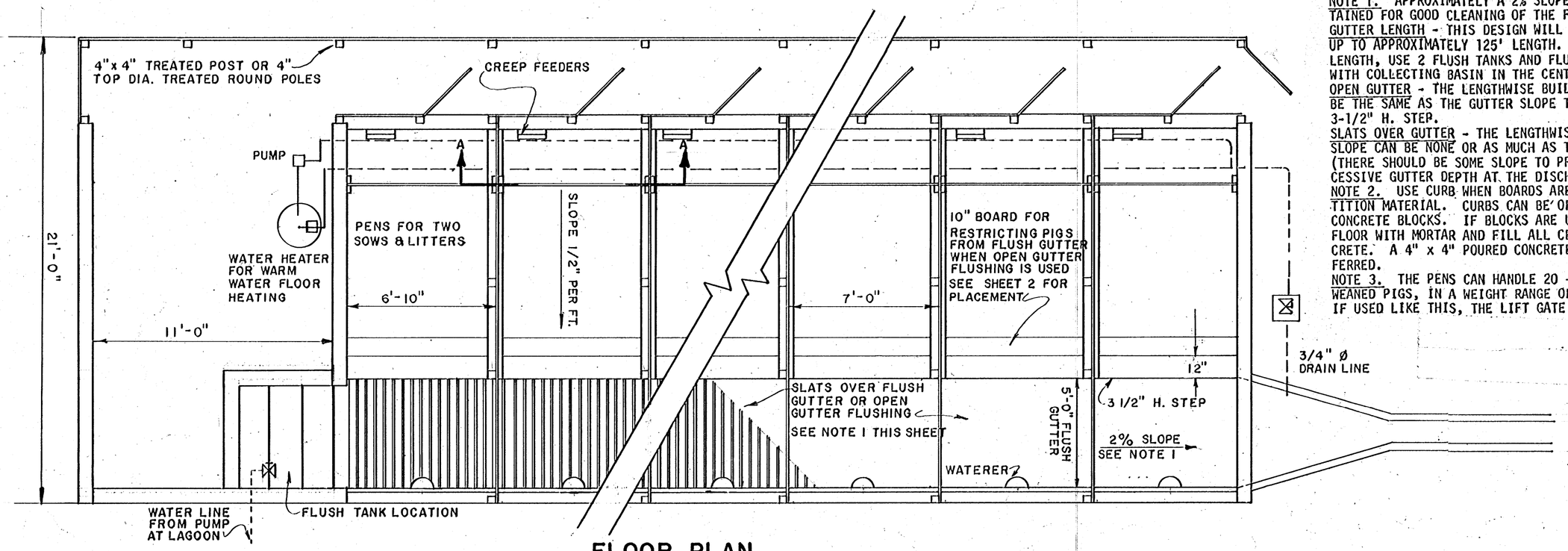
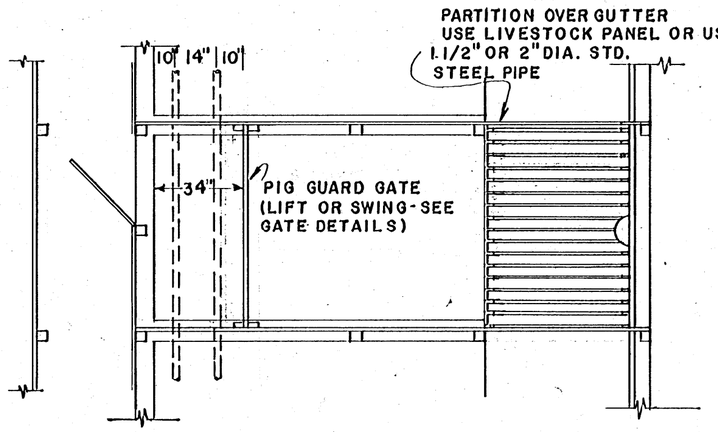


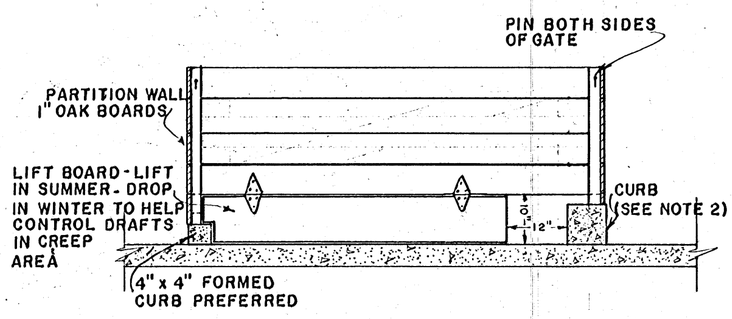
FLOOR PLAN

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

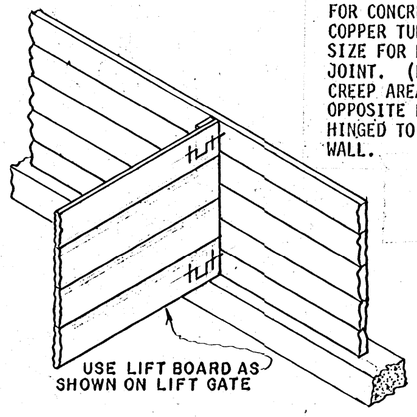
NOTE 1. APPROXIMATELY A 2% SLOPE MUST BE MAINTAINED FOR GOOD CLEANING OF THE FLUSH GUTTER.
GUTTER LENGTH - THIS DESIGN WILL CLEAN A GUTTER UP TO APPROXIMATELY 125' LENGTH. FOR GREATER LENGTH, USE 2 FLUSH TANKS AND FLUSH AT EACH END WITH COLLECTING BASIN IN THE CENTER.
OPEN GUTTER - THE LENGTHWISE BUILDING SLOPE MUST BE THE SAME AS THE GUTTER SLOPE TO MAINTAIN THE 3-1/2" H. STEP.
SLATS OVER GUTTER - THE LENGTHWISE BUILDING SLOPE CAN BE NONE OR AS MUCH AS THE GUTTER. (THERE SHOULD BE SOME SLOPE TO PREVENT AN EXCESSIVE GUTTER DEPTH AT THE DISCHARGE END.)
NOTE 2. USE CURB WHEN BOARDS ARE USED AS PARTITION MATERIAL. CURBS CAN BE OF VARIOUS SIZE CONCRETE BLOCKS. IF BLOCKS ARE USED, BOND TO FLOOR WITH MORTAR AND FILL ALL CELLS WITH CONCRETE. A 4" x 4" POURED CONCRETE CURB IS PREFERRED.
NOTE 3. THE PENS CAN HANDLE 20 - 25 EARLY WEANED PIGS, IN A WEIGHT RANGE OF 20 - 60 LBS. IF USED LIKE THIS, THE LIFT GATE CAN BE OMITTED.



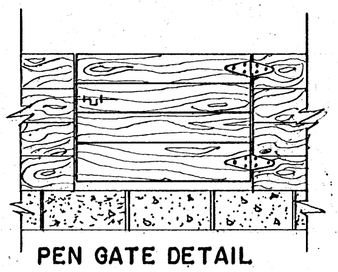
TYP. PEN DETAIL



SECT. A-A
LIFT GATE DETAIL

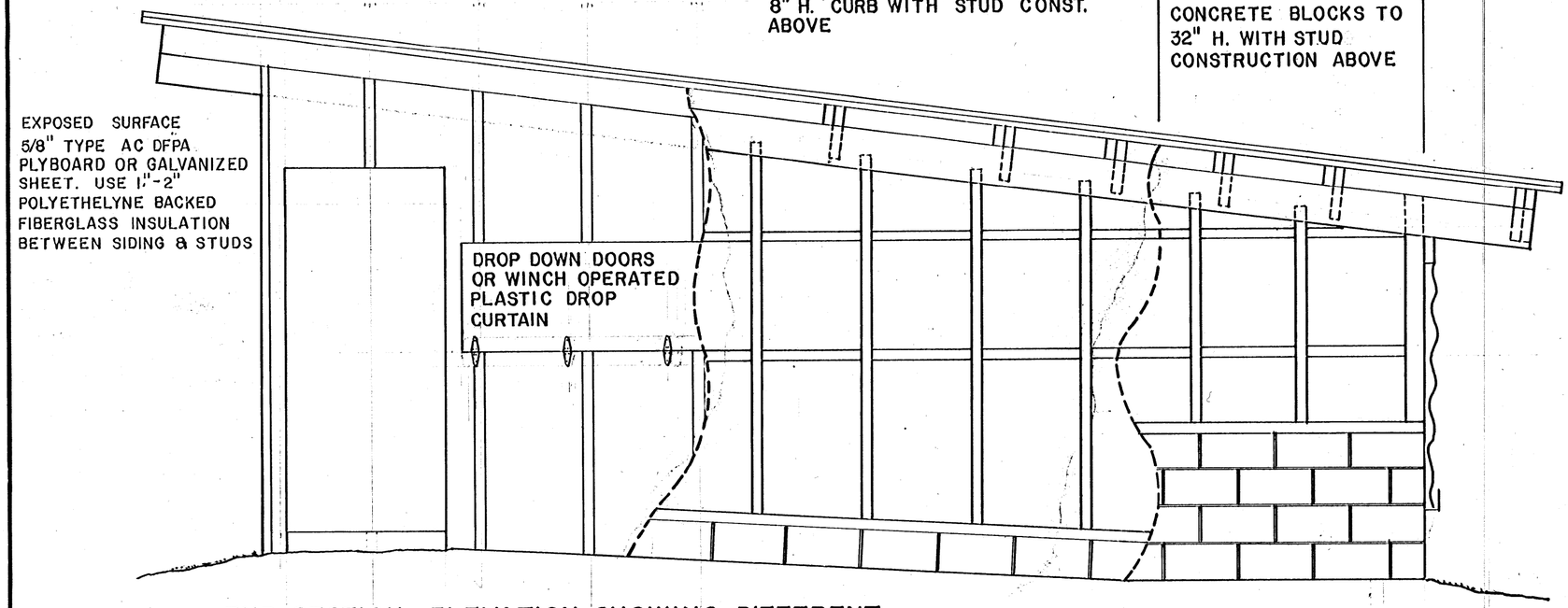


HINGED GATE DETAIL

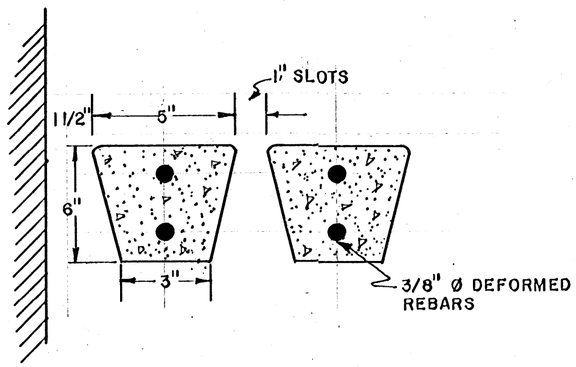


PEN GATE DETAIL

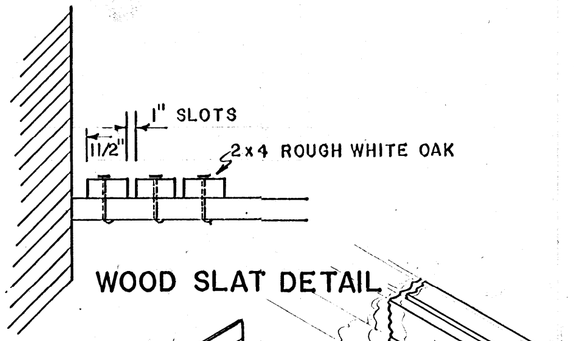
HOG NURSERY DETAILS	PL. NO. 6073-B
HOG NURSERY HOUSES - FLOOR HEATING - OPEN GUTTER FLUSHING - SLAT TYPE FLUSHING - 2 SOWS & LITTER PER PEN	
MCES MISSISSIPPI COOPERATIVE EXTENSION SERVICE MISS. STATE UNIVERSITY USDA and COUNTIES COOPERATING	DESIGN BY: LEE MILLER DRAWN BY: MIKE THRASHER DATE: APRIL, 1978
	SHEET 1 OF 3



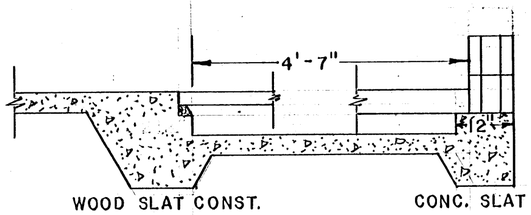
END SECTION - ELEVATION SHOWING DIFFERENT METHODS OF END WALL CONSTRUCTION



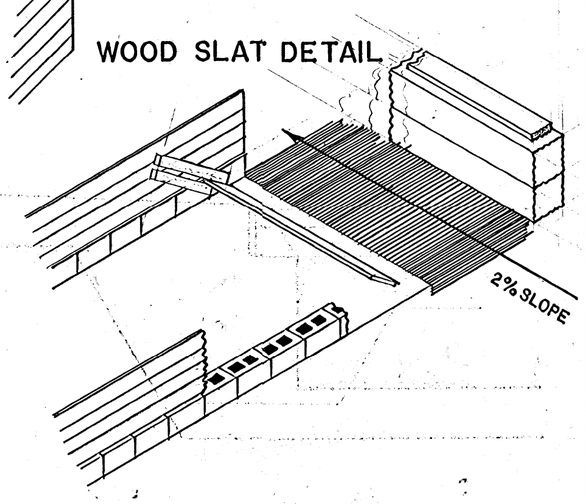
CONCRETE SLAT DETAIL

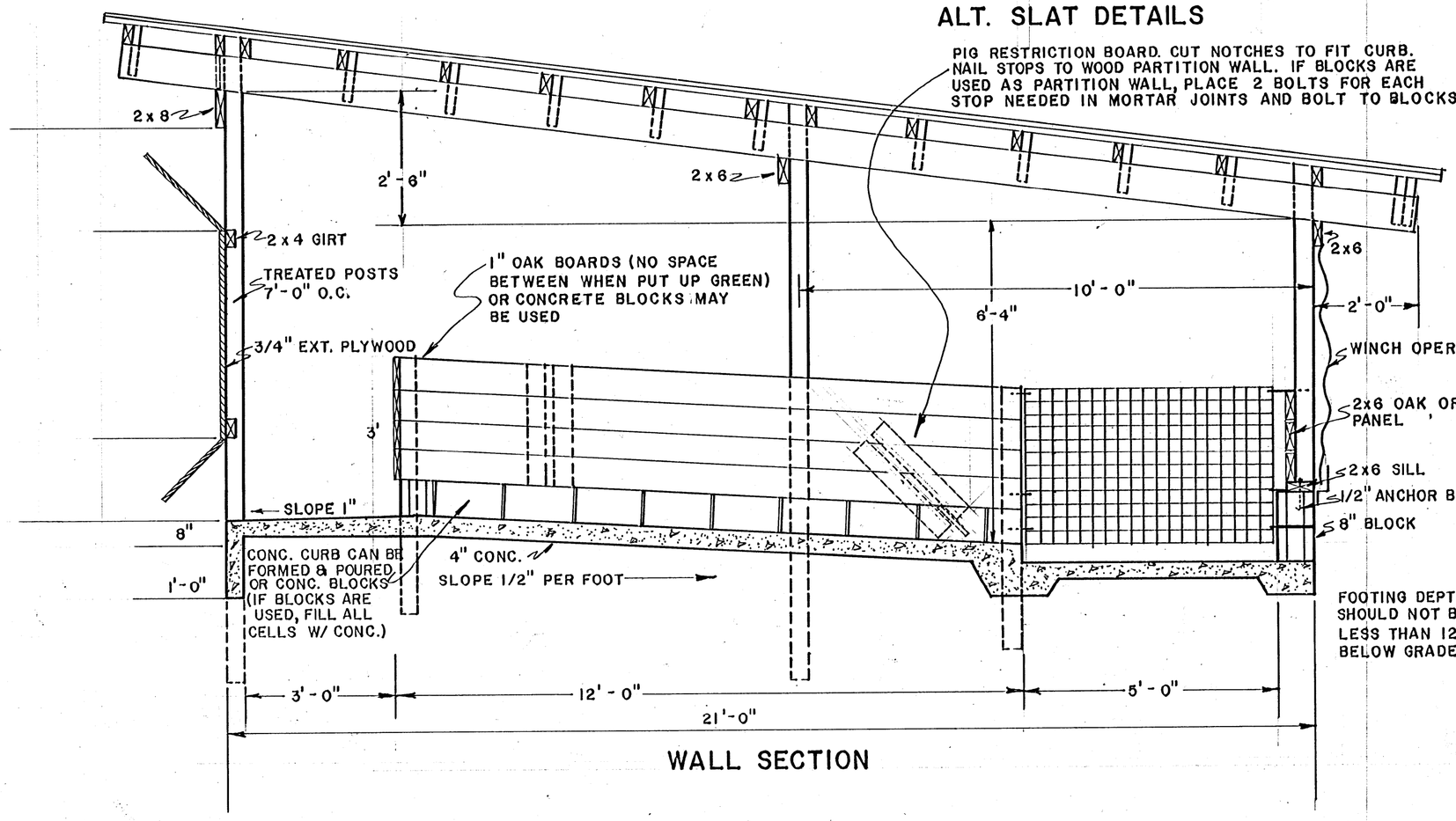


WOOD SLAT DETAIL

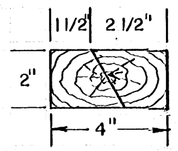


ALT. SLAT DETAILS



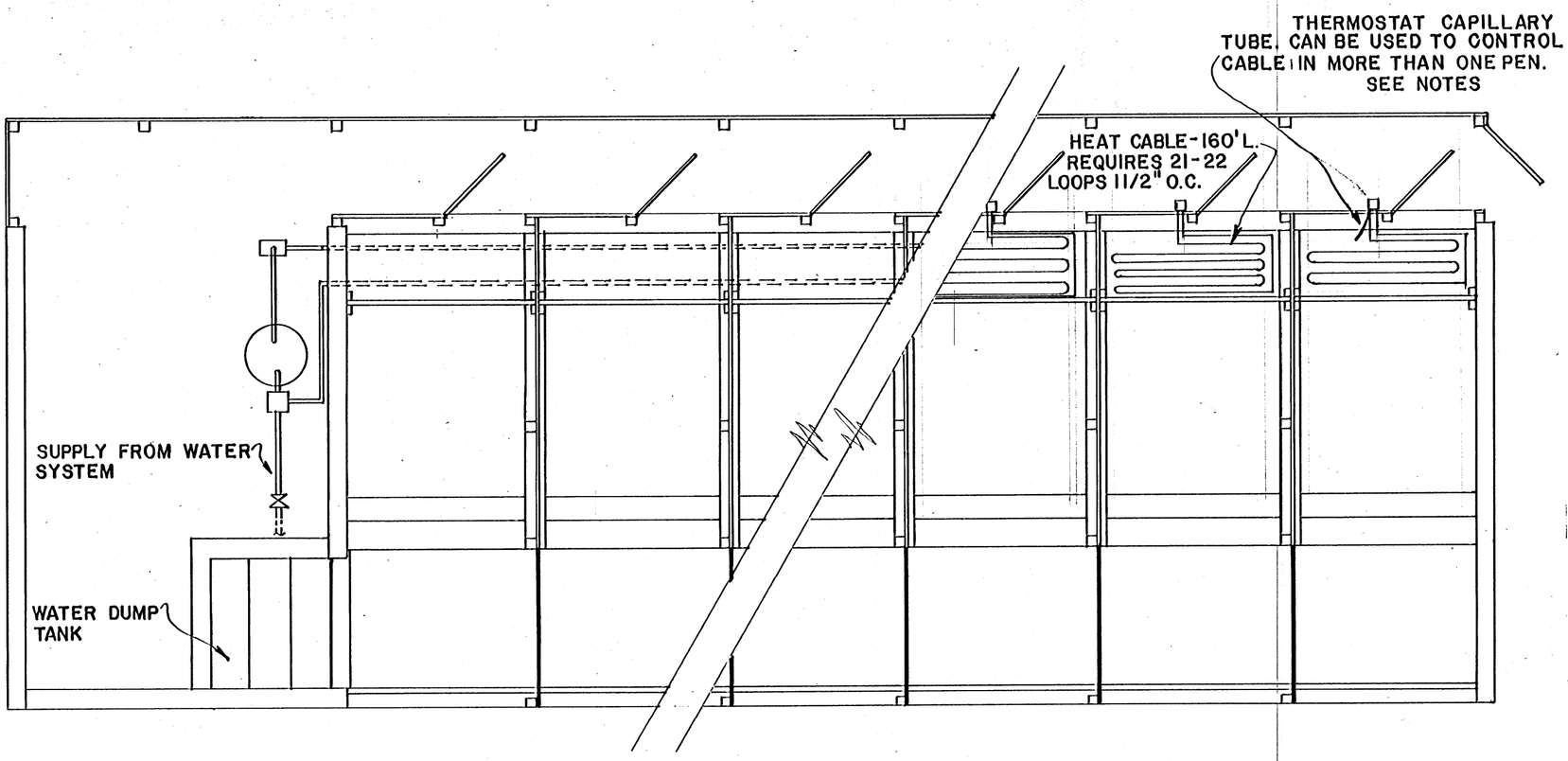


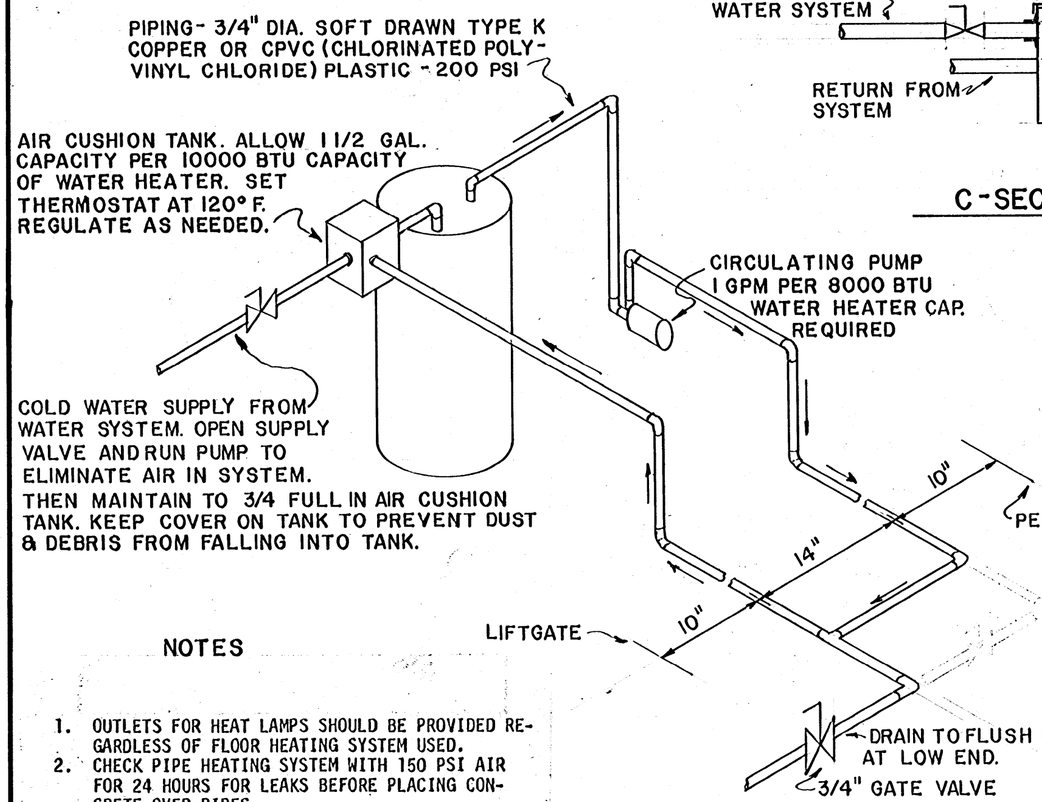
WALL SECTION



WOOD SPACER DETAIL

CROSS SECTION DETAILS	PL.NO. 6073-B
HOG NURSERY HOUSE - FLOOR HEATING - OPEN GUTTER FLUSHING - UNDER SLAT FLUSHING - 2 SOWS & LITTERS PER PEN	
MCES MISSISSIPPI COOPERATIVE EXTENSION SERVICE MISS. STATE UNIVERSITY USDA and COUNTIES COOPERATING	DESIGN BY: LEE MILLER
	DRAWN BY: MIKE THRASHER
	DATE: APRIL, 1978
	SHEET 2 OF 3



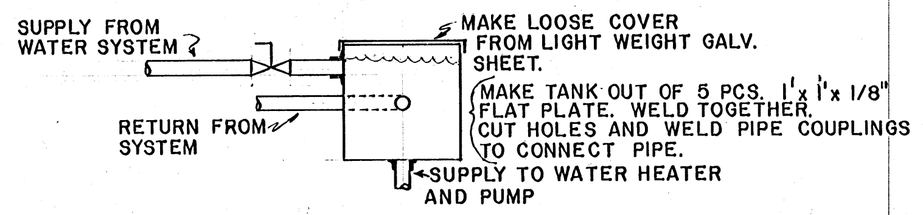


PIPING SCHEMATIC

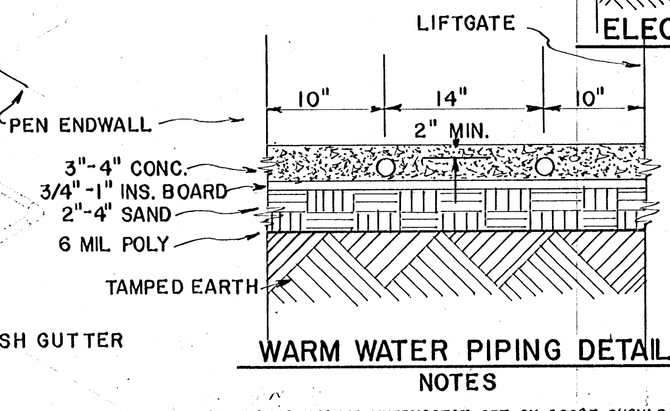
NOT TO SCALE

NOTES

1. OUTLETS FOR HEAT LAMPS SHOULD BE PROVIDED REGARDLESS OF FLOOR HEATING SYSTEM USED.
2. CHECK PIPE HEATING SYSTEM WITH 150 PSI AIR FOR 24 HOURS FOR LEAKS BEFORE PLACING CONCRETE OVER PIPES.
3. TOTAL FEET OF HEATED PIPE TIMES 60 BTU EQUALS TOTAL BTU OUTPUT OF HEATER NEEDED.



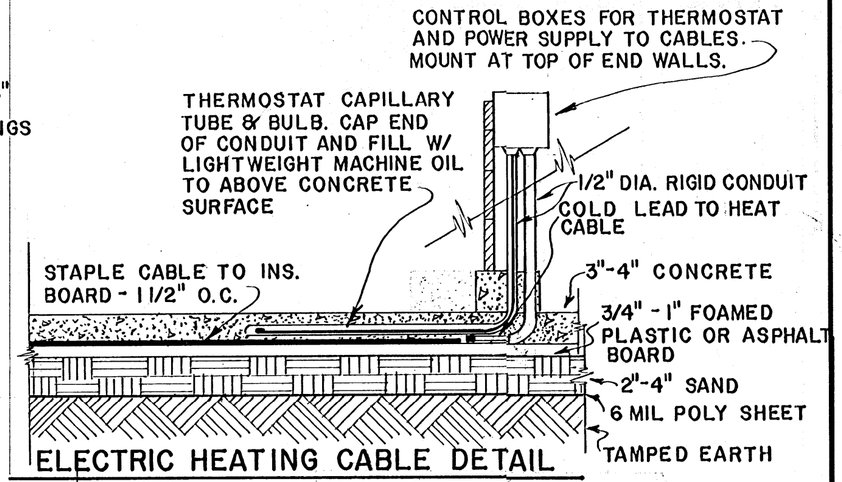
C-SECTION AIR CUSHION TANK



WARM WATER PIPING DETAIL

NOTES

1. WATER HEATER THERMOSTAT SET ON 120°F SHOULD GIVE APPROXIMATELY 85° SURFACE TEMP. ON SLAB.
2. HEAT LAMPS WILL BE NEEDED IN EXTREME COLD IN ADDITION TO PIPE SYSTEM
3. CHECK SYSTEM FOR LEAKS BEFORE PLACING CONCRETE. (AIR @ 150 PSI FOR 24 HOURS.)



ELECTRIC HEATING CABLE DETAIL

NOTES

1. THERMOSTAT CAN CONTROL HEAT CABLE IN MORE THAN ONE PEN - NOT TO EXCEED THE RATED HEAT LOAD - SWITCH CONTROL EACH CABLE UNIT.
2. HEAT LAMPS WILL BE NEEDED IN EXTREME COLD IN ADDITION TO THE HEAT CABLE.
3. CHECK CONTINUITY OF CABLE BEFORE PLACING CONCRETE.
4. AVOID STRIKING CABLE WITH SHARP EDGES.
5. SET THERMOSTAT AT DESIRED TEMPERATURE.

FLOOR HEATING SYSTEM DETAILS	PL. NO. 6073-B

HOG NURSERY HOUSE - FLOOR HEATING - OPEN GUTTER FLUSHING - UNDER SLAT FLUSHING
2 SOWS & LITTERS PER PEN

MCES
MISSISSIPPI COOPERATIVE EXTENSION SERVICE
MISS. STATE UNIVERSITY
USDA and COUNTIES COOPERATING

DESIGN BY: LEE MILLER		SHEET
DRAWN BY: MIKE THRASHER		3
DATE: APRIL, 1978		OF 3