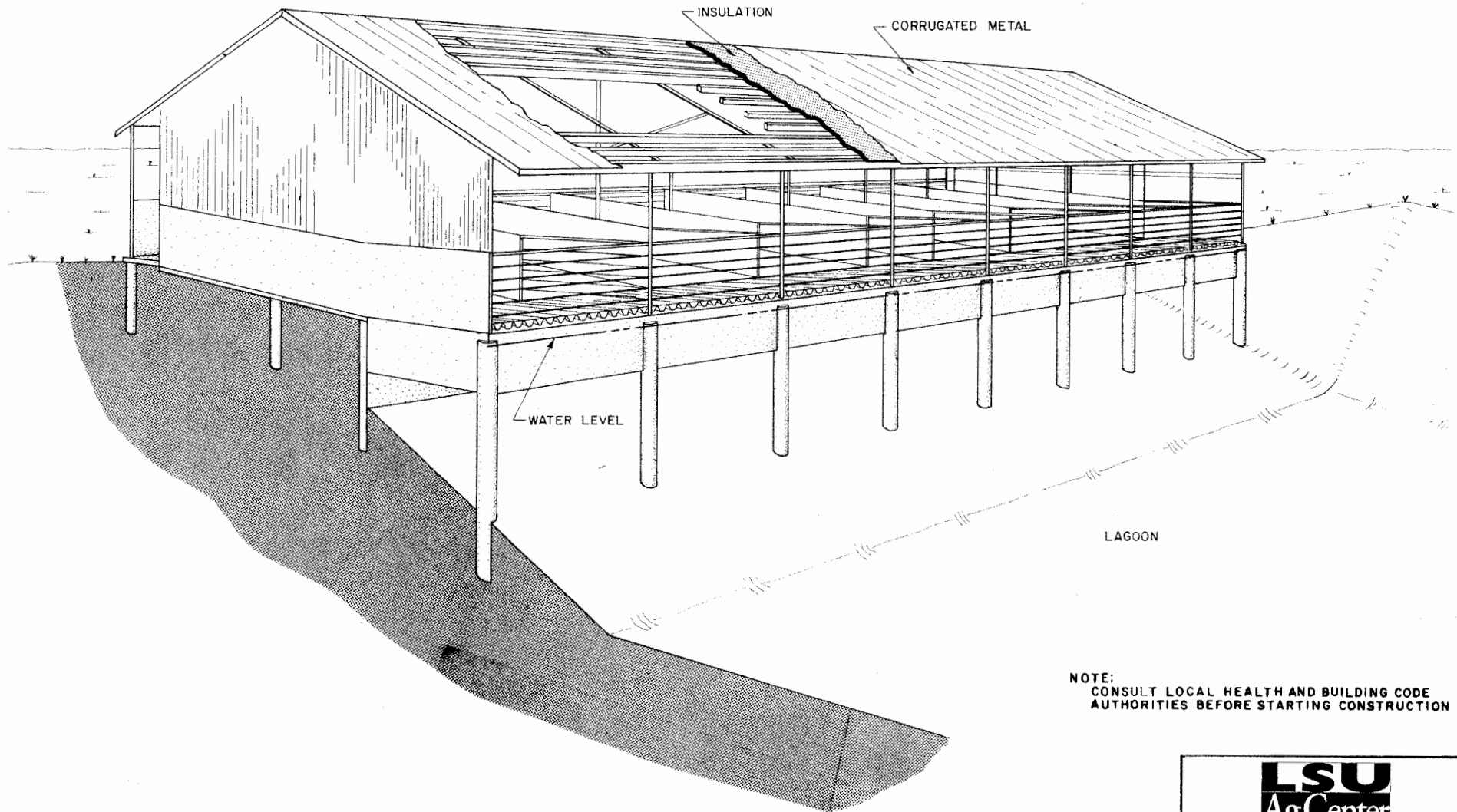


NOTE:

When Building Or Enlarging A Confinement Swine System You Are Encouraged To Employ A Registered Consulting Agricultural Engineer. The Engineering Consultant Will Be Concerned With Providing The Best System Designed For Your Specific Needs.



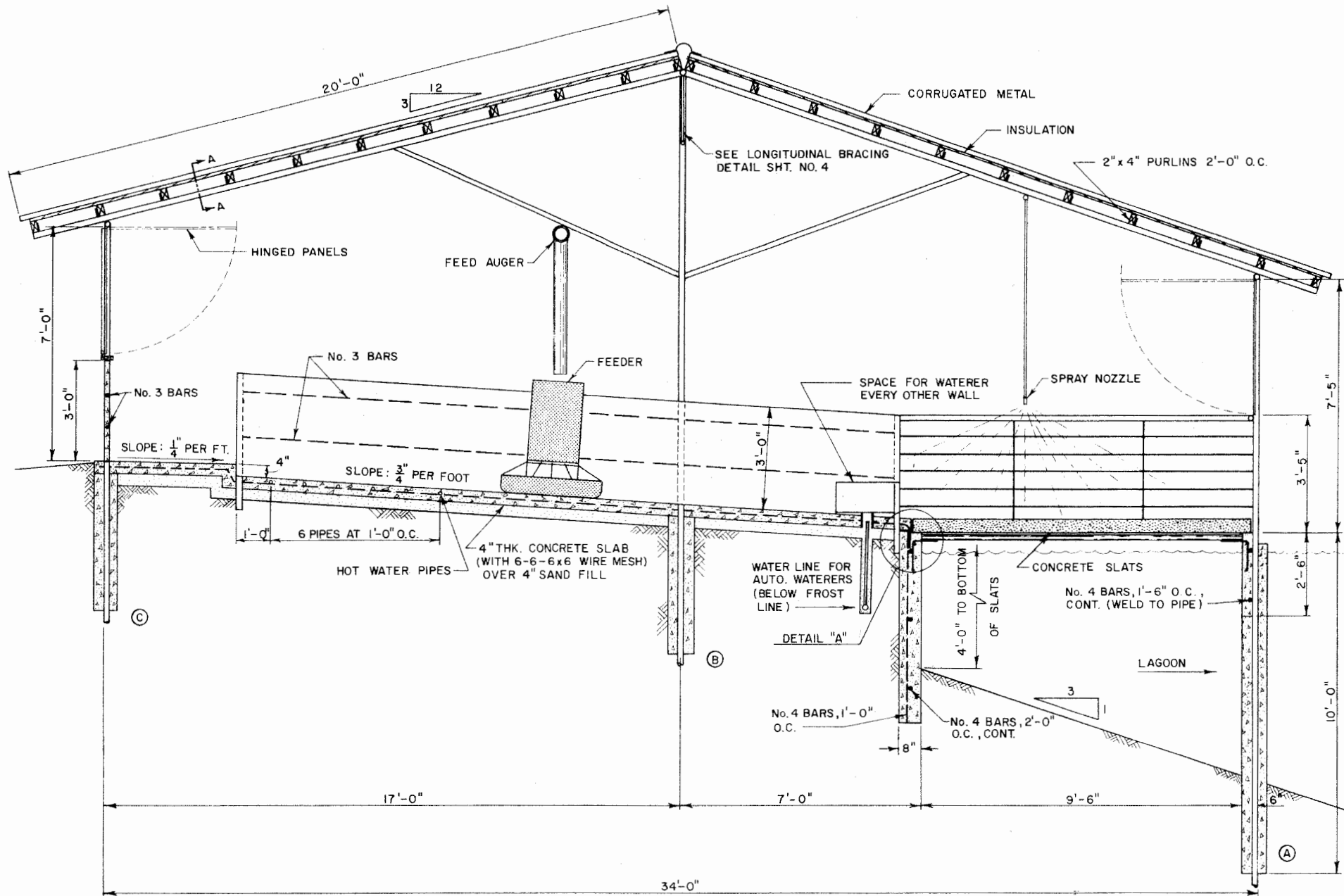
NOTE:
CONSULT LOCAL HEALTH AND BUILDING CODE
AUTHORITIES BEFORE STARTING CONSTRUCTION



FINISHING HOUSE FOR SWINE

OK. '76 6246 SHEET 1 OF 4

BASED ON: OKLA. STATE UNIV.
PLAN NO. OK-726-22

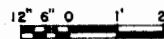


NOTES:

1. All Pipe Is 2" Dia. (Nominal) Schedule 40 Or Equivalent, Free Of Corrosion And Deep Rust Pits.
2. Key All Poles To Concrete By Welding Steel To The Section Of The Pole That Will Be Imbedded.
3. Retaining Wall, Piers & Slot-Support Beam May Be Formed By Trenching & Drilling If Soil Condition Permits.
4. Concrete Slats May Be Homemade Or Purchased Precast. When Using Ready-Mix Concrete, Specify: 7.5 Bag Mix (2 To 3 Inch Slump), Maximum Aggregate Size Of $\frac{1}{2}$ " , Air Entrained Cement & A 28-Day Strength Of 5,000 PSI.
5. Concrete Partition = 3'-0" High x $2\frac{3}{8}$ " Thick.
6. For Hot Water Floor Heat Use $\frac{3}{4}$ " Dia. PVC (Rated For 160°F Water Temperature), Black Iron Or Copper Pipe. Do Not Use Black Polyethylene Plastic Or Galvanized Steel.
7. Limit Circuit (Hot Water) Length To Approx. 200 Feet. For Buildings Over 100 Feet Long, Locate Hot Water System In Center Of Building & Run Circuits Each Direction.
8. Space Pipes 12" Apart And Cover With 2 To 3 Inches Of Concrete. Place The Pipes On & Fasten Them To The Reinforcing Mesh To Prevent Them From Floating To The Surface.
9. Provide 50 BTU / Hour Per Foot Of Pipe. The Pump On The Return Manifold Should Circulate 1 Gallon Per Minute For Each 5,000 BTU / Hour.
10. Provide An Air Expansion Tank With A Capacity Of 8 To 10 Gallons For Each 100 Gallons Of Water In The Pipes & Heater. About 40 Feet Of $\frac{3}{4}$ " Dia. Pipe Will Hold One Gallon.

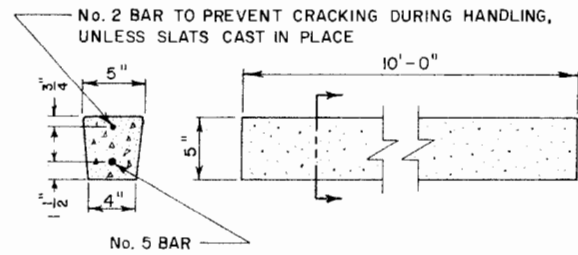
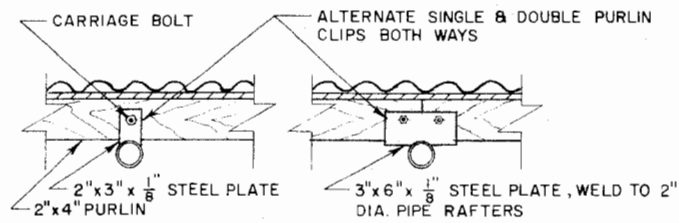
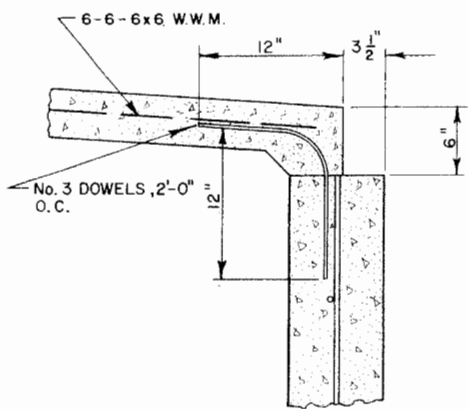
CROSS SECTION

Scale: $\frac{1}{2}$ " = 1'-0"



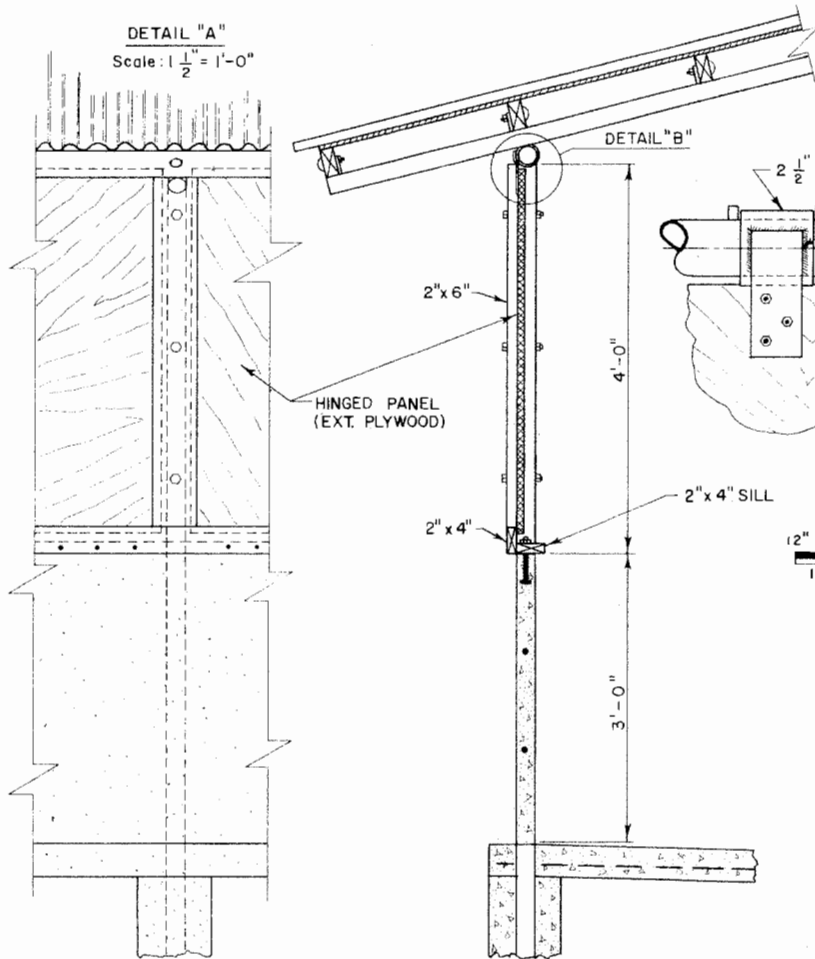
FINISHING HOUSE FOR SWINE

OK. '76 **6246** SHEET 2 OF 4

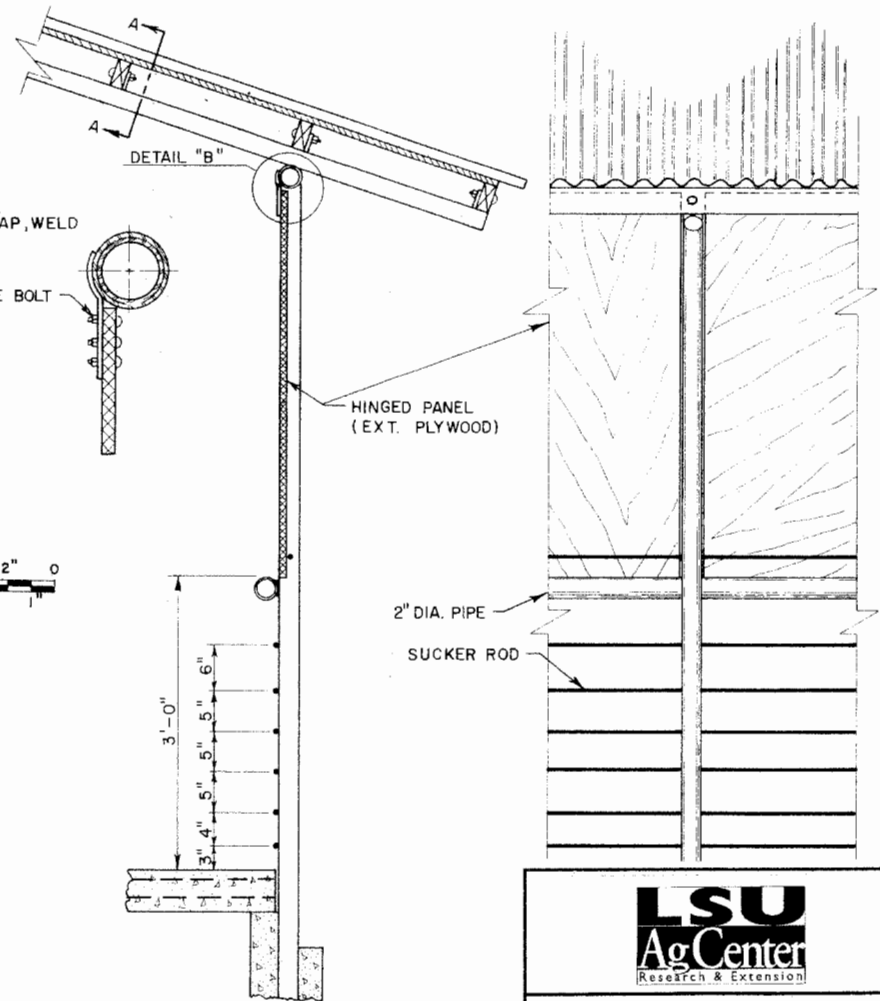


SECTION A-A
Scale: 1/2" = 1'-0"
12" 9" 6" 3" 0"

CONCRETE SLAT DETAILS
Scale: 1/2" = 1'-0"



DETAIL "B"
Scale: 3" = 1'-0"
12" 10" 8" 6" 4" 2" 0"
11" 9" 7" 5" 3" 1" 0"



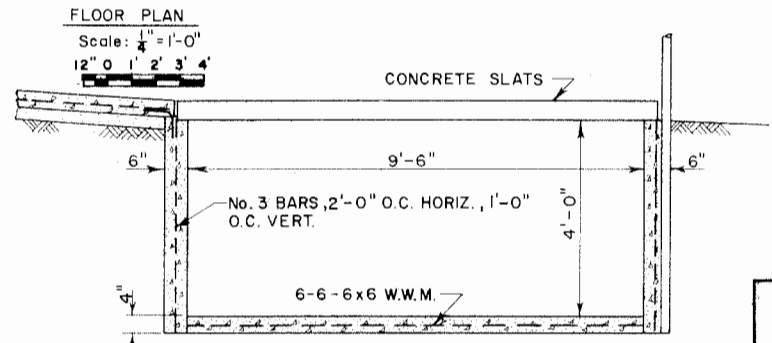
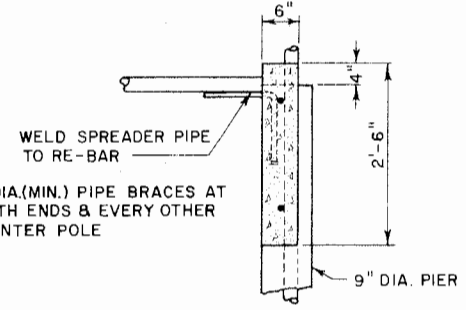
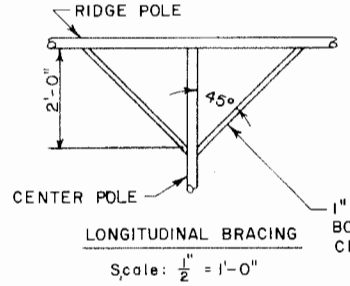
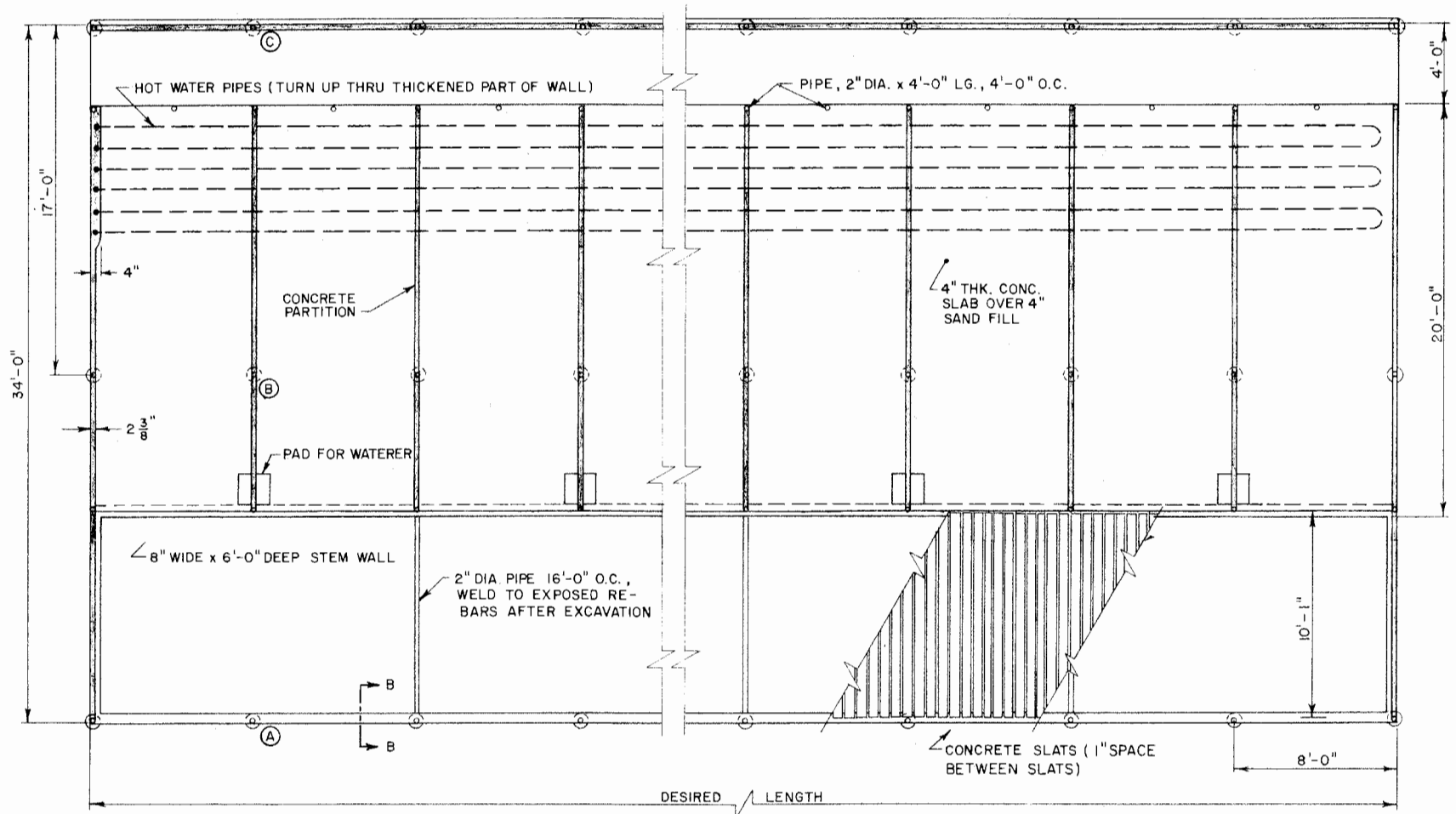
WALL SECTIONS

Scale: 1" = 1'-0"
12" 6" 0" 1'

LSU
AgCenter
Research & Extension

FINISHING HOUSE FOR SWINE

OK. '76 6246 SHEET 3 OF 4



PIER SCHEDULE:
 A = 9" DIA. x 10'-0" DP.
 B = 9" DIA. x 4'-0" DP.
 C = 9" DIA. x 4'-0" DP.

SECTION B-B
 Scale: 3/4" = 1'-0"
 12" 6" 0 1'

ALTERNATE PIT DETAIL
 Scale: 1/2" = 1'-0"
 12" 6" 0 1' 2'

LSU
AgCenter
 Research & Extension

FINISHING HOUSE FOR SWINE

OK. '76 6246 SHEET 4 OF 4

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.