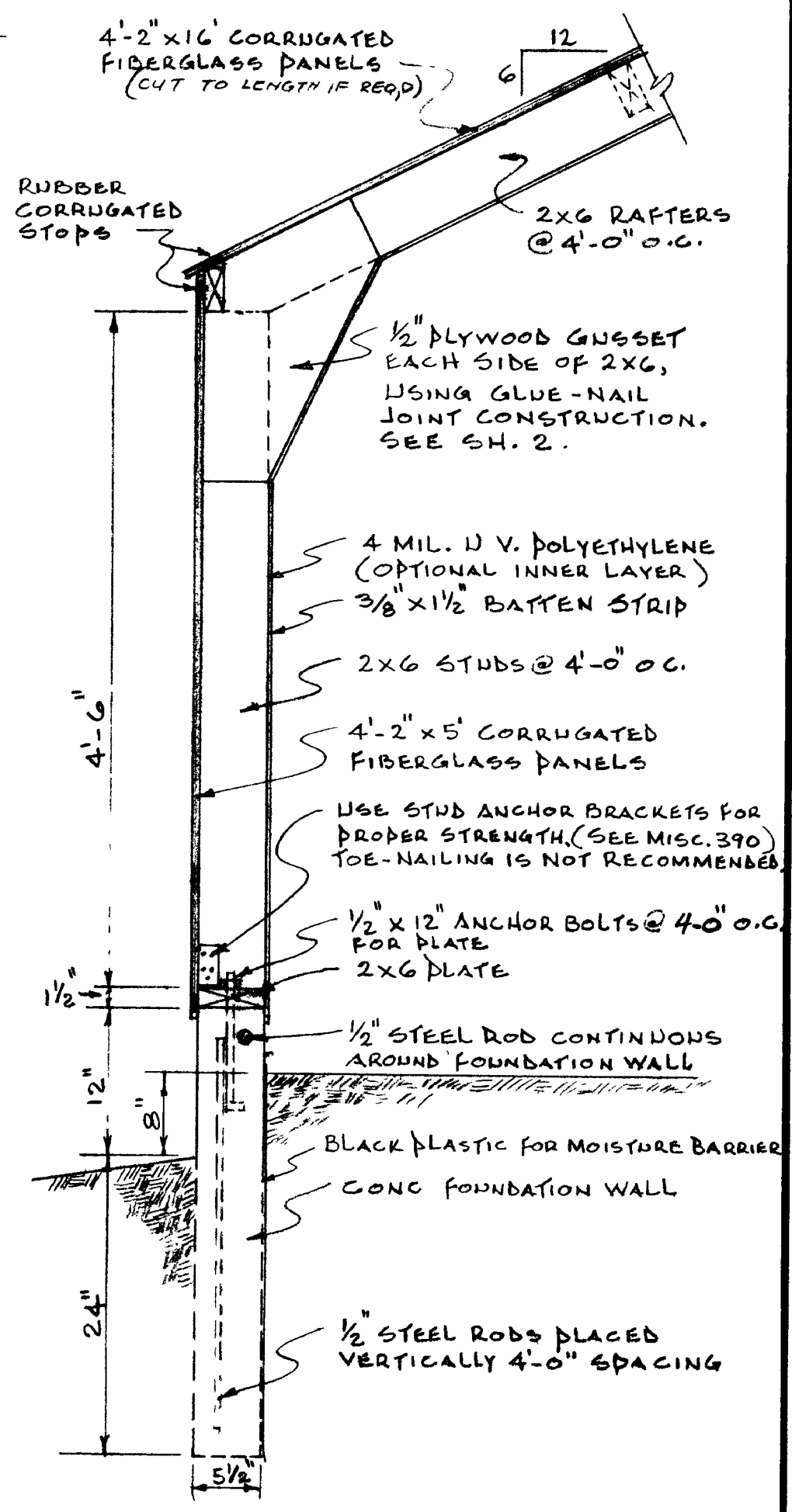
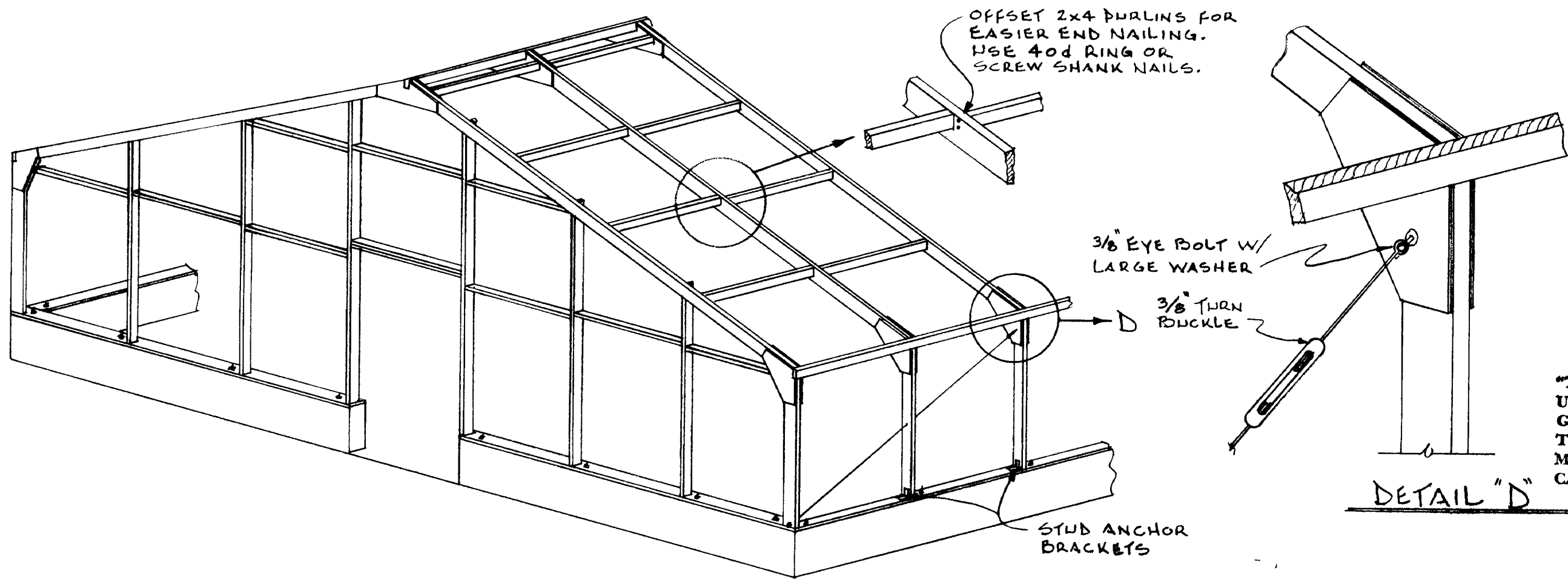


FLOOR PLAN SCALE: 1/4" = 1'-0"



WALL SECTION SCALE: 1" = 1'-0"



WIRE BRACING DETAIL

DETAIL "D"

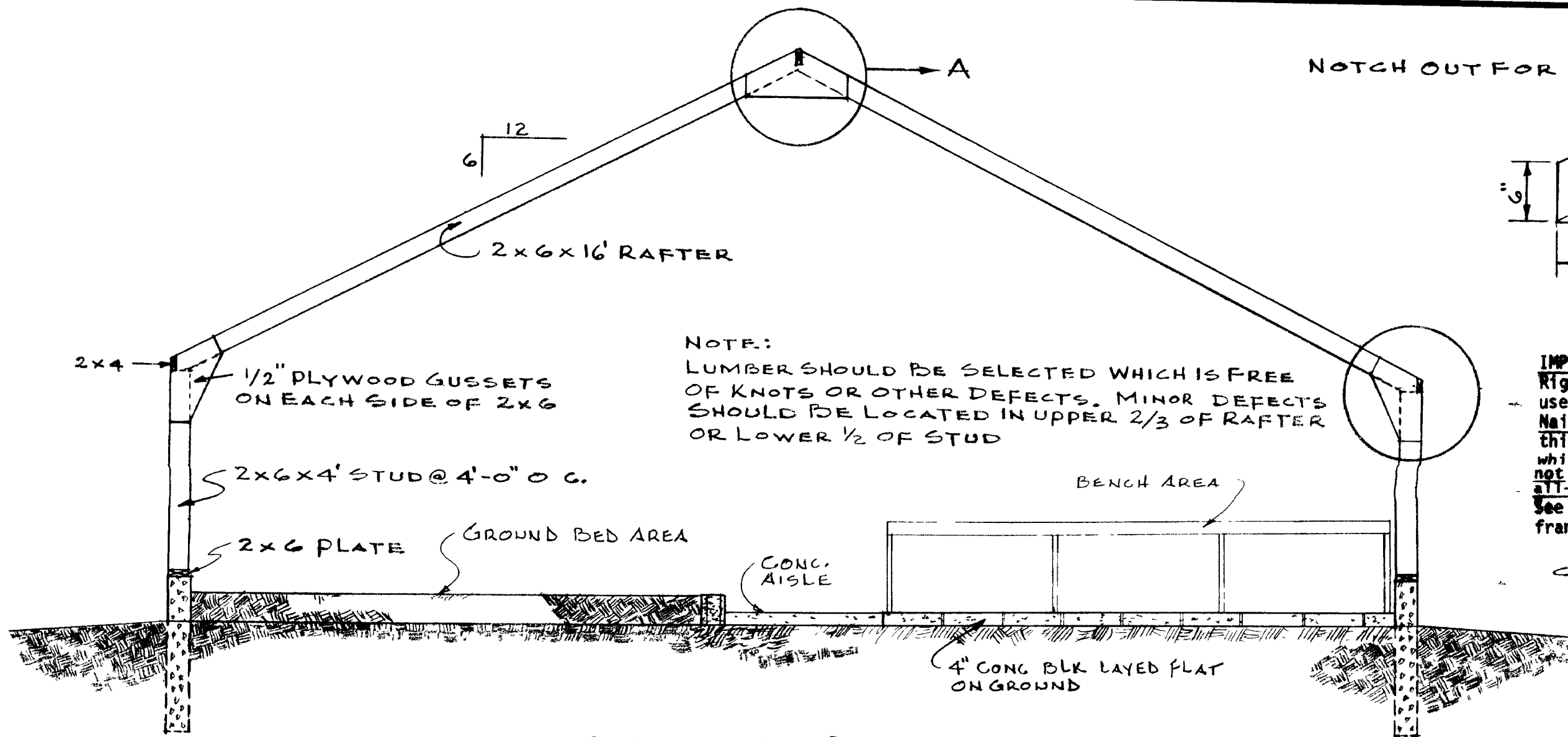
"THESE PLANS ARE FOR USE AS A CONSTRUCTION GUIDE. IF A CONSTRUCTION CONTRACT IS TO BE MADE, WRITTEN SPECIFICATIONS ARE NEEDED."

IMPORTANT: See UK publications on GREENHOUSES for further details on this greenhouse construction and operation.

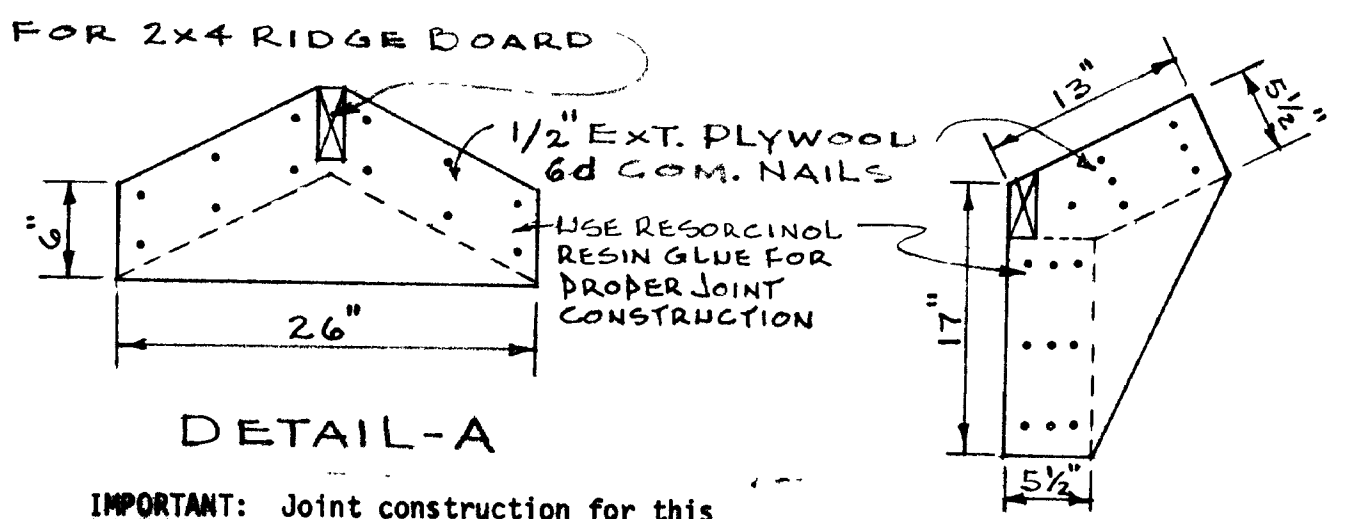
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS DEPARTMENT OF AGRICULTURAL ENGINEERING COLLEGE OF AGRICULTURE UNIVERSITY OF KENTUCKY & U.S. DEPARTMENT OF AGRICULTURE COOPERATING

TEACHING GREENHOUSE

Designed By J.N.W.	Sheet 1 of 3
Checked By G.A.D.	Plan Number.
Drawn By DE PLASTER	DATE REV. AUG. 1971
	KY. 11.8890-1A



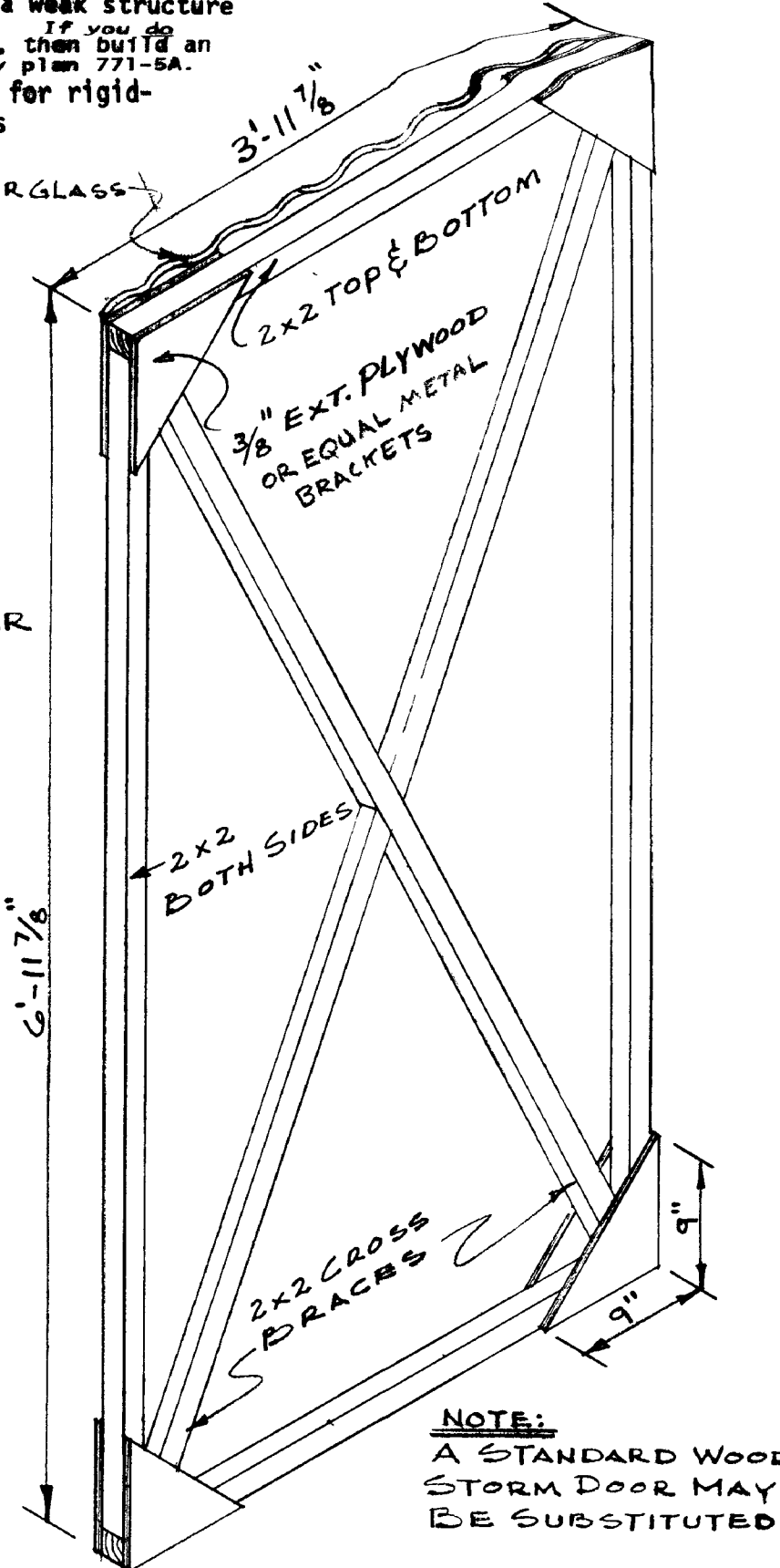
CROSS SECTION  
SCALE: 3/8" = 1'-0"



DETAIL-A

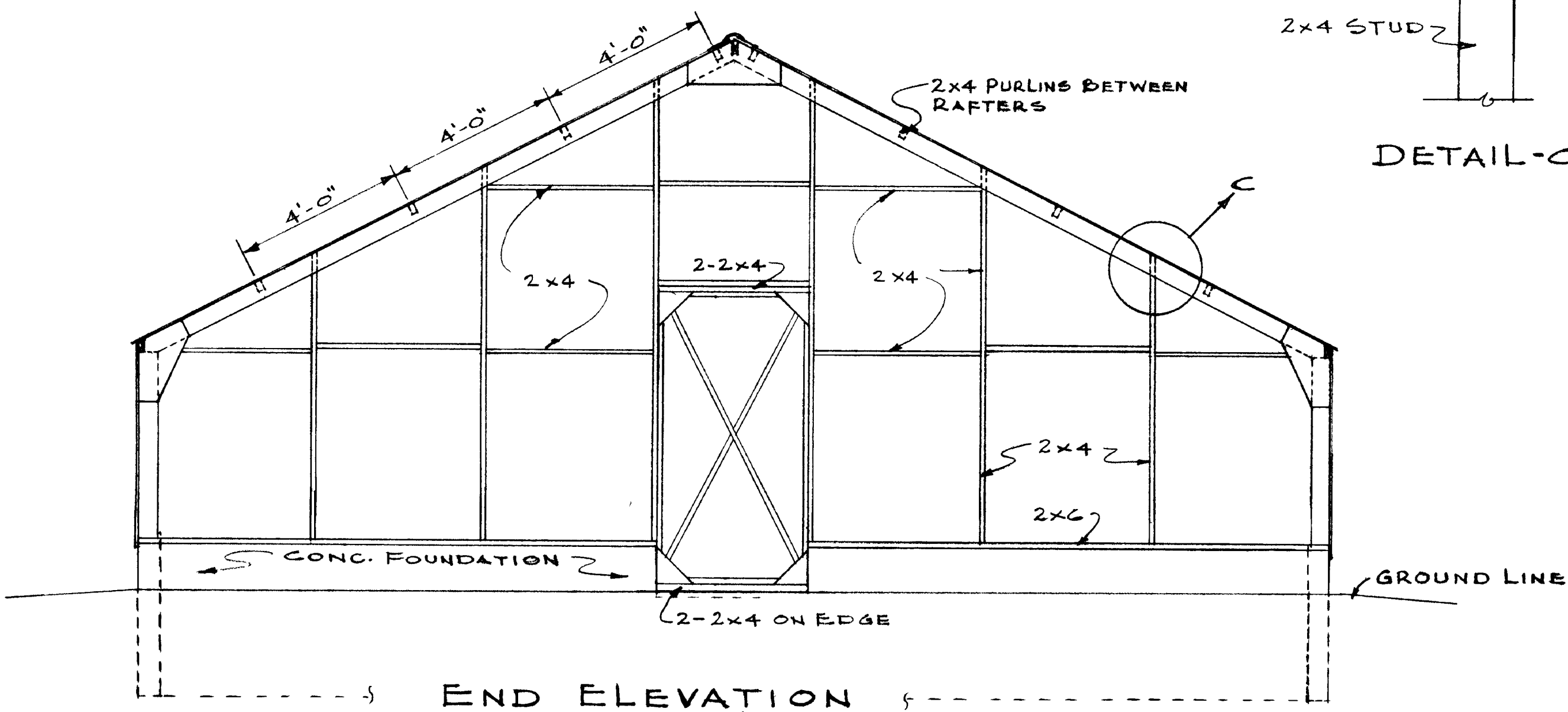
DETAIL-B

IMPORTANT: Joint construction for this Rigid-Frame structure is based on the use of Resorcinol Resin Glue for Glue-Nail gusset attachment. Failure to use this glue will result in a weak structure which may fail under load. If you do not plan to use this glue, then build an all-nailed gusset joint by plan 771-5A. See publication AEN-15 for rigid-frame construction details.



DOOR DETAIL  
SCALE: 1" = 1'-0"

NOTE:  
A STANDARD WOOD STORM DOOR MAY BE SUBSTITUTED



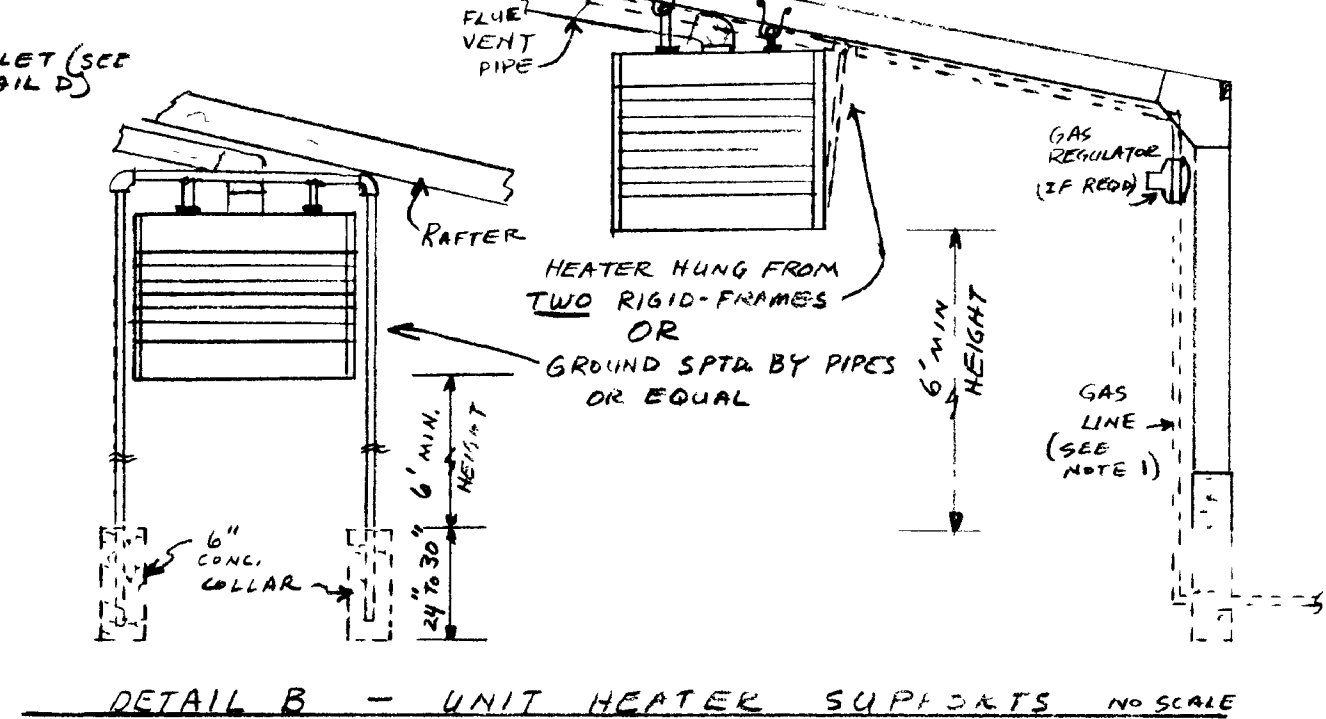
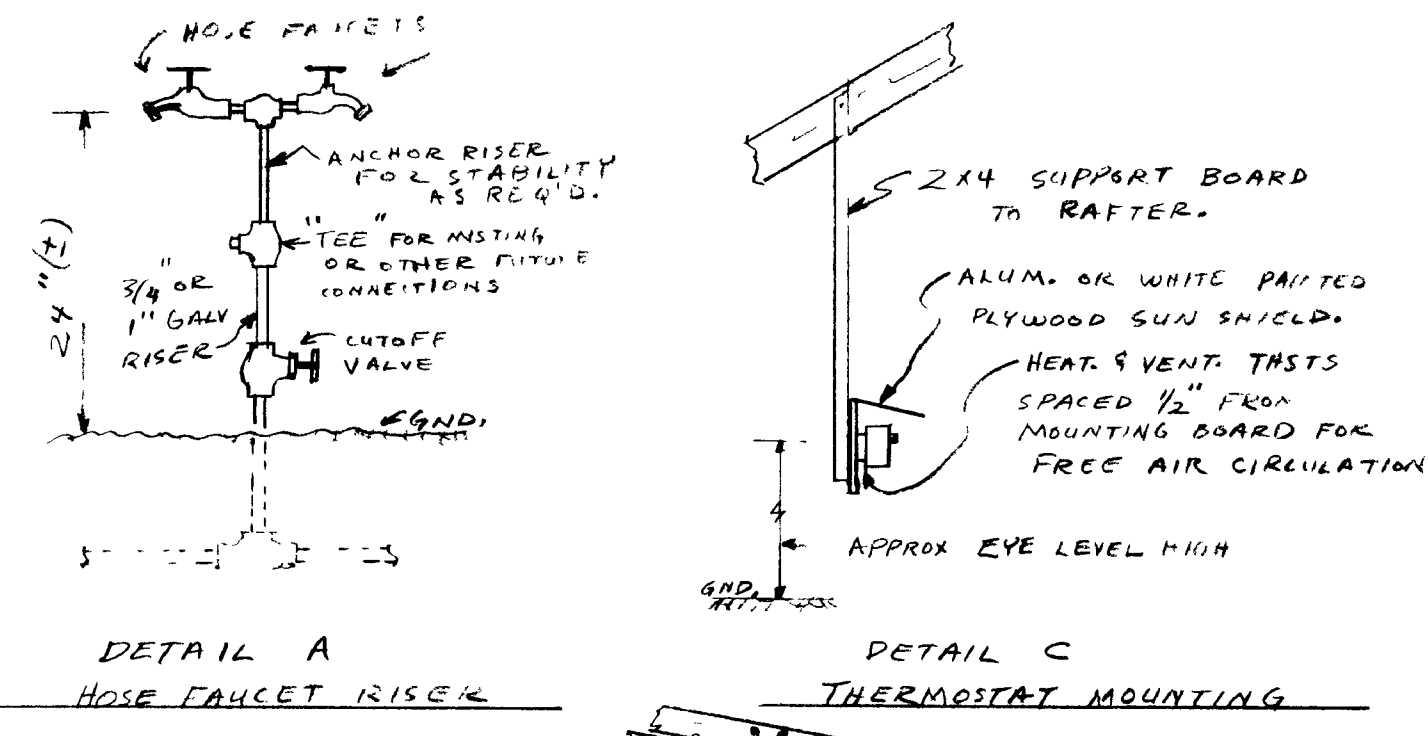
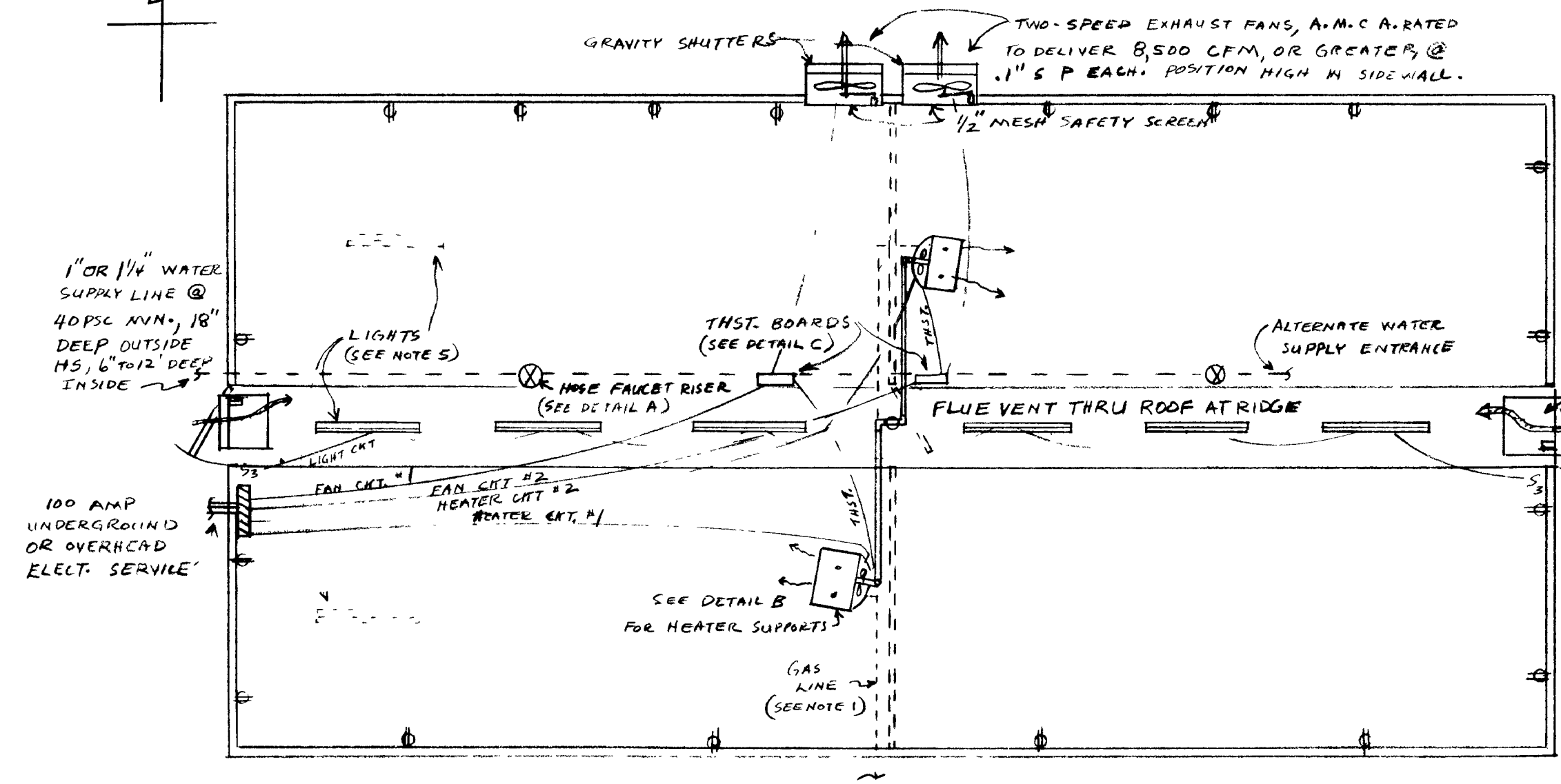
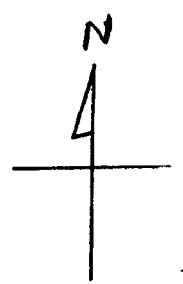
END ELEVATION  
SCALE: 3/8" = 1'-0"

NOTE:  
ALL LUMBER TO BE PRESSURE TREATED W/ WATER BORNE WOOD PRESERVATIVE AND KILN DRIED AFTER TREATING (SEE AEN-6)

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
DEPARTMENT OF AGRICULTURAL ENGINEERING  
COLLEGE OF AGRICULTURE  
UNIVERSITY OF KENTUCKY &  
U.S. DEPARTMENT OF AGRICULTURE COOPERATING

TEACHING GREENHOUSE

Designed By J.N.W.	Sheet 2 of 3
Checked By G.A.D.	Plan Number
Drawn By P. PLASTER	KY. 11.8890-1A
Date: AUG 1971	

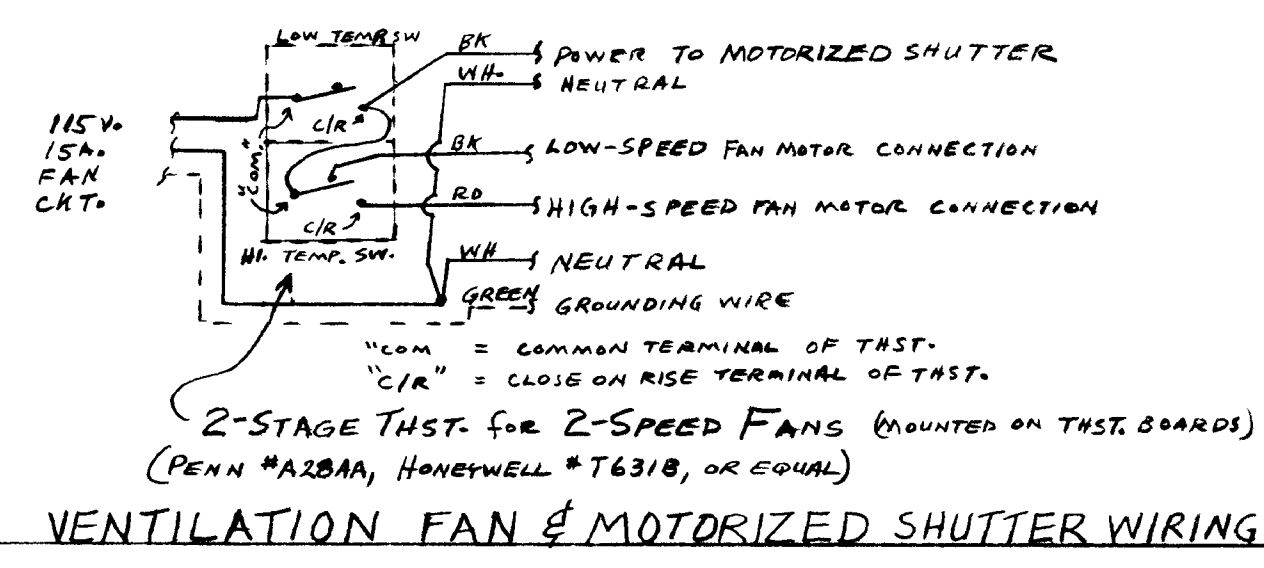
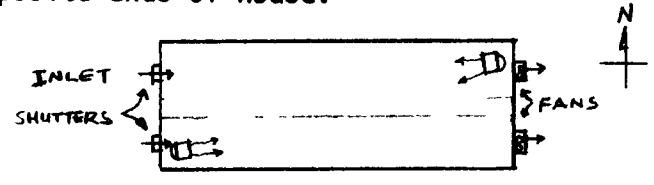


ELECTRICAL & PLUMBING LAYOUT  
(USING CENTER PARTITION & GAS UNIT HEATERS)  
(NO SCALE)

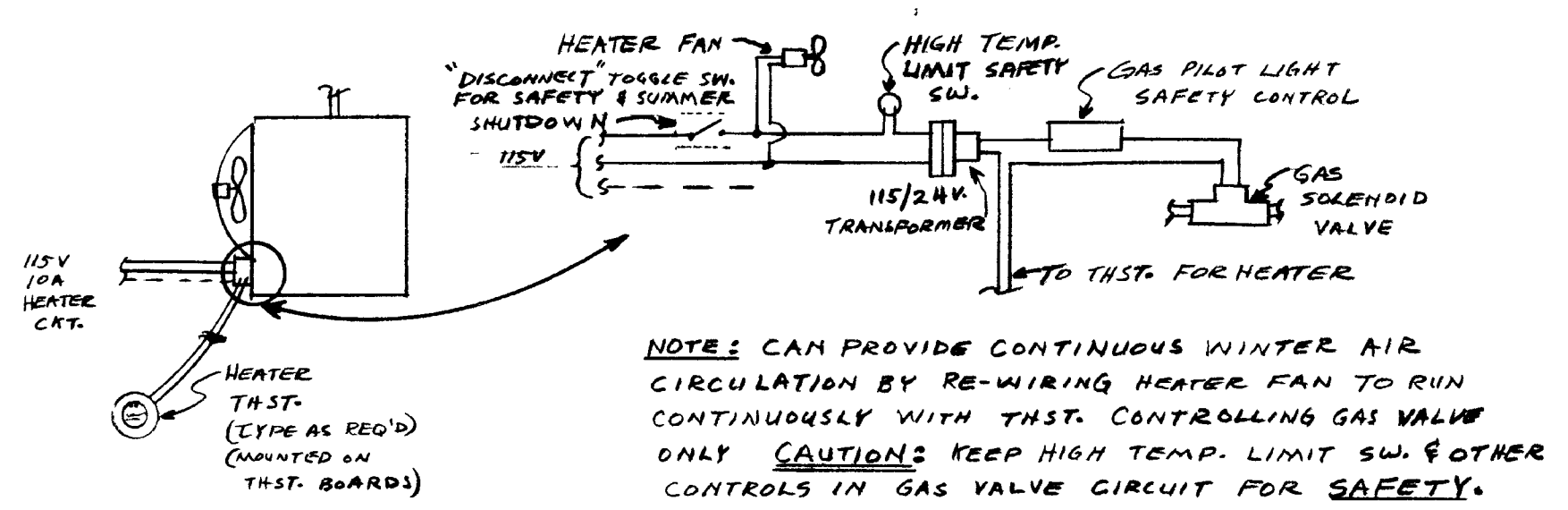
DETAIL B - UNIT HEATER SUPPORTS NO SCALE

**NOTES:**

1. Gas pipe size to be based on heater capacity, gas supply pressure, and length of line. Consult gas supplier or an Agricultural Engineer for required size.
2. All wiring to be plastic N.M.C. exposed, or in conduit, according to local and national codes.
3. Do not use a partition for houses shorter than 60 feet (30 ft compartments). Use alternate ventilation plan shown below for houses without a partition. For houses less than 60 ft. in length, position heaters in diagonal corners directing heat toward opposite ends of house.
4. Commercial poly-tube circulation and heat distribution equipment optional
5. Single row of fluorescent lights through center of house can be used for economy, or row of fixtures over benches and beds for more light is optional

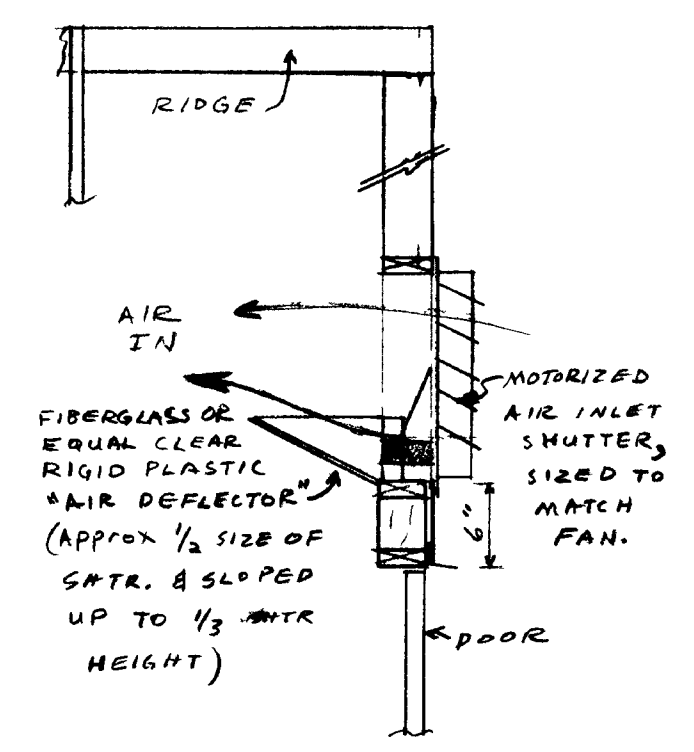


VENTILATION FAN & MOTORIZED SHUTTER WIRING



GAS HEATER & THERMOSTAT WIRING

NOTE: CAN PROVIDE CONTINUOUS WINTER AIR CIRCULATION BY RE-WIRING HEATER FAN TO RUN CONTINUOUSLY WITH THST. CONTROLLING GAS VALVE ONLY **CAUTION:** KEEP HIGH TEMP. LIMIT SW. & OTHER CONTROLS IN GAS VALVE CIRCUIT FOR SAFETY.



DETAIL D  
MOTORIZED SHUTTER AIR INLET  
NO SCALE

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS DEPARTMENT OF AGRICULTURAL ENGINEERING COLLEGE OF AGRICULTURE UNIVERSITY OF KENTUCKY & U.S. DEPARTMENT OF AGRICULTURE COOPERATING	
TEACHING GREENHOUSE	
Designed By GAD	Sheet 3 of 3
Checked By: JNW	Plan Number.
Drawn By GAD	KY. 11.8890-1A
Date DEC 71	