FRAME CUTTING LAYOUT (CUT FROM (8) 2x4x10')

PLYWOOD SHEET CUTTING DIAGRAM

BILL OF MATERIALS
CORRUGATED FIBERGLASS REINFORCED PANELS (F.R.R.) 5 OZ. COATING.
ROOF PANELS (6) 2x10' CUT IN HALF
SIDE PANELS (5) 2x12', 2 SHEETS EACH SIDE
5TH SHEET CUT LENGTHWISE
END PANELS (9) 2x8' OF WHICH 5 ARE LOCATED AT END WITH NO DOOR
RIDGE ROLL (11) 12' LENGTH
LUMBER:
8) 2x4x10' TO MAKE FRAMES
(2) 2x4x12' SILL AT ENDS (PT COPPER NAPHTHENATE)
(1) 2x4x12' SILL AT SIDES (PT COPPER NAPHTHENATE)
(2) 2x4x6' END FRAMING
BENCH SUPPORTS NOT INCLUDED
(8) 3/4 x 4x12' FOR PURLINS & DOOR
(2) 4x4x10' PT POST FOR FOOTINGS
(1) 3x12x12' & (2) 1x12x12' REDWOOD BOARDS
(4) 4x8 x 1/4' EXTERIOR TYPE CC PLYWOOD SHEET FOR PLYWOOD GUSSETS. SEE CUTTING DIAGRAM
* CHECK WITH FIBERGLASS SUPPLIER FOR NECESSARY RELATED HARDWARE & COVERING INSTRUCTIONS.
NAILS, HINGES & LATCH.

ENVIROMENTAL CONTROL
HEATING:
TO MAINTAIN A TEMPERATURE DIFFERENCE OF 60° BETWEEN INSIDE & OUTSIDE
30,000 BTU/HR. SINGLE COVERING
20,000 BTU/HR. DOUBLE COVERING
CONNECTION TO HOME HEATING SYSTEM IS MOST DESIRABLE. IF NOT POSSIBLE, USE GAS OR OIL HEATER VENTED TO THE OUTSIDE. ELECTRIC HEATERS ARE EASY TO INSTALL, CLEAN, BUT EXPENSIVE TO OPERATE. WHEN USING OIL OR GAS, BE SURE TO PROVIDE A FRESH AIR SUPPLY DIRECTLY TO THE HEATER TO SUPPLY OXYGEN FOR COMBUSTION.
VENTILATING:
REQUIRE A TWO SPEED FAN RATED AT 1000 CFM. AN AUTOMATIC AIR INLET OF 2 SQ. FT. IS REQUIRED. THE FAN CAN BE MOUNTED IN ONE GABLE END AND AIR INLET IN THE OTHER. BOTH SHOULD BE CONTROLLED BY A THERMOSTAT.
FOR MORE INFORMATION SEE USDA BULLETIN NUMBER 357 "BUILDING HOBBY GREENHOUSES."