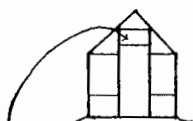
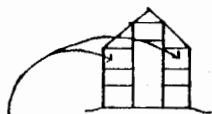


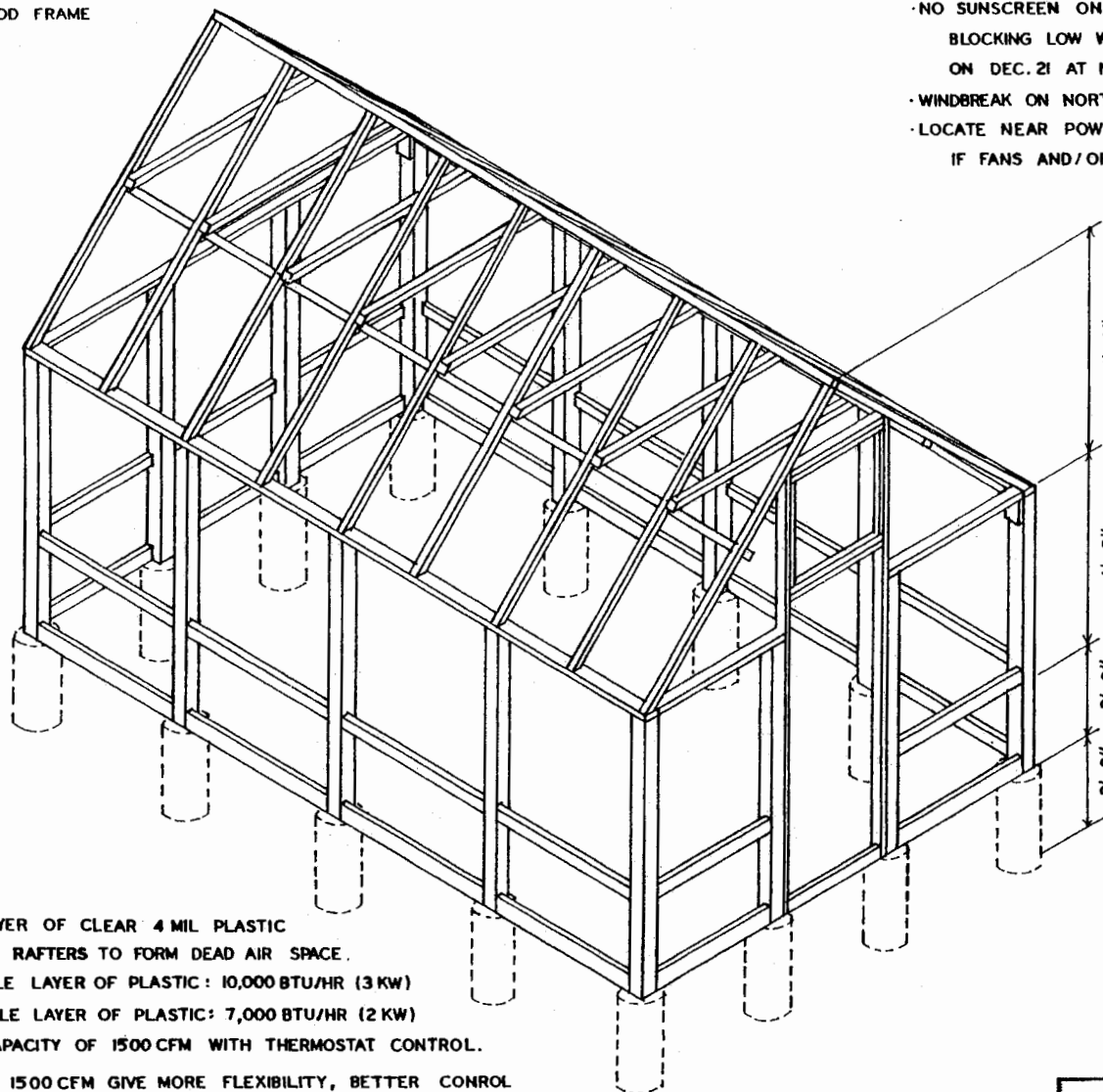
DETAIL



LOCATION OF ONE FAN



LOCATION OF TWO FANS



LOCATION:

- HIGH GROUND TO DRAIN AWAY FROM GREENHOUSE
- NORTH-SOUTH ORIENTATION OF RIDGELINE
- NO SUNSCREEN ON SOUTH, EAST, OR WEST SIDES
BLOCKING LOW WINTER SUN (MINIMUM SUN ANGLE
ON DEC. 21 AT NOON IS ABOUT 30° IN LA.)
- WINDBREAK ON NORTH SIDE
- LOCATE NEAR POWER SOURCE (ELECTRICITY, GAS)
IF FANS AND/OR HEATERS ARE TO BE USED.

ENVIRONMENTAL CONTROLS:

WINTER USE - STAPLE 2ND LAYER OF CLEAR 4 MIL PLASTIC
TO INSIDE OF POSTS AND RAFTERS TO FORM DEAD AIR SPACE.

HEATING - PROVIDE FOR SINGLE LAYER OF PLASTIC: 10,000 BTU/HR (3 KW)

PROVIDE FOR DOUBLE LAYER OF PLASTIC: 7,000 BTU/HR (2 KW)

FANS - PROVIDE MAXIMUM CAPACITY OF 1500 CFM WITH THERMOSTAT CONTROL.

TWO FANS TOTALING 1500 CFM GIVE MORE FLEXIBILITY, BETTER CONTROL
AND LESS TOTAL ENERGY CONSUMPTION.

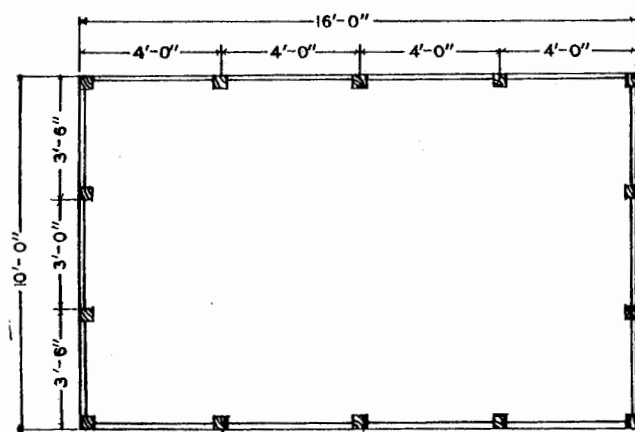
LOCATE TO EXHAUST TO THE NORTH (THE DIRECTION OF
PREVAILING SUMMER BREEZES).

FRAMING ISOMETRIC



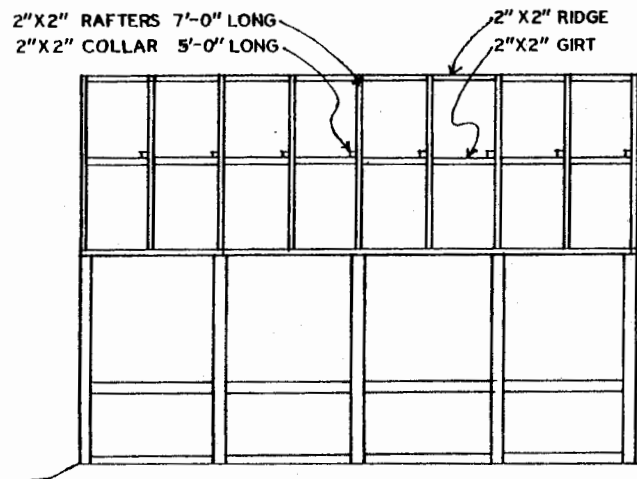
PLASTIC - COVERED GREENHOUSE

ENGINEER JWB	SCALE 1/2" = 1' 2 FEET
DRAWN BY KEMS	SHEET 1 OF 2
TRACED BY	DATE 5-81 NO. 48-6

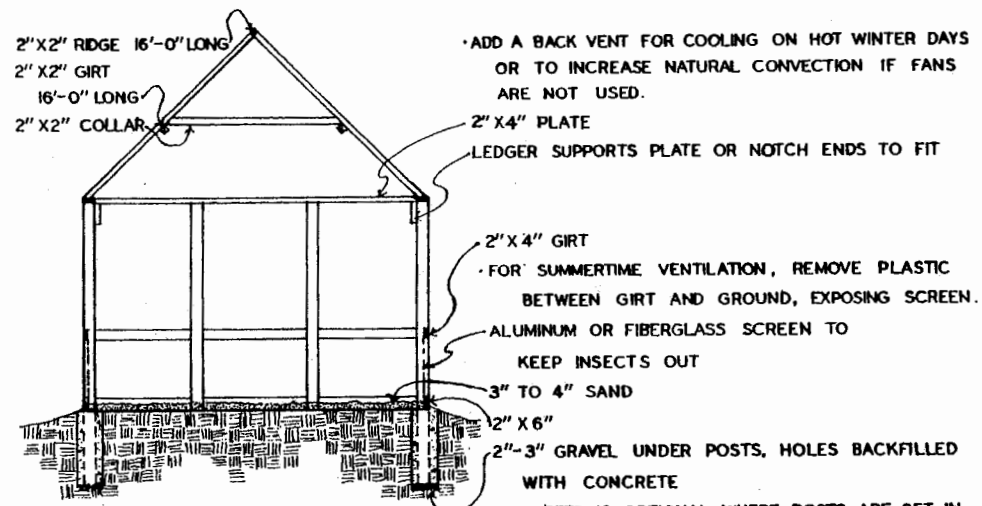


4"X4" POSTS 8'-0" LONG
PRESSURE TREATED
SET 2'-0" IN CONCRETE

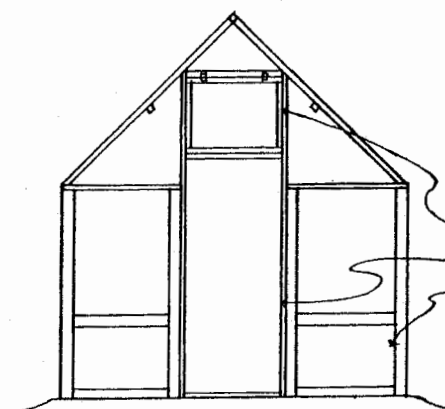
FLOOR PLAN



SIDE ELEVATION



CROSS SECTION



END ELEVATION

·ADD A BACK VENT FOR COOLING ON HOT WINTER DAYS OR TO INCREASE NATURAL CONVECTION IF FANS ARE NOT USED.

2"X4" PLATE
LEDGER SUPPORTS PLATE OR NOTCH ENDS TO FIT

2"X4" GIRT
·FOR SUMMERTIME VENTILATION, REMOVE PLASTIC BETWEEN GIRT AND GROUND, EXPOSING SCREEN.
ALUMINUM OR FIBERGLASS SCREEN TO
KEEP INSECTS OUT
3" TO 4" SAND

2"X6"
2"-3" GRAVEL UNDER POSTS, HOLES BACKFILLED WITH CONCRETE

·CONCRETE IS OPTIONAL WHERE POSTS ARE SET IN A FIRM SOIL AND WELL TAMPED.

·ALL LUMBER SHOULD BE PRESSURE TREATED;
WATER-BORNE SALT PRESERVATIVES ARE
PREFERRED TO CREOSOTE AND PCP.

·2"X2" LUMBER USUALLY HAS KNOTS AND WARPS
EASILY UNLESS PROPERLY STORED

·USE CARE IN FASTENING TO AVOID SPLITS

·USE GALVANIZED OR ALUMINUM FASTENERS.

·PREDRILLED HOLES FOR 6d OR 8d NAILS OR
WOOD SCREWS CAN BE USED SAFELY.

·USE UV RESISTANT 6 MIL PLASTIC FOR ROOF
AND SIDEWALLS (SEE ATTACHMENT DETAIL-
SHEET ONE).

HINGED VENT, 1'-11"X2'-8", 2"X2" LUMBER
2"X4" DOOR FRAME FOR 32"X80" DOOR
USE SCREEN VENTS ON FRONT WALL IF
FANS ARE NOT USED.



PLASTIC-COVERED GREENHOUSE

ENGINEER JWB	SCALE 1/2" = 1' 2 FEET
DRAWN BY KEMS	SHEET 2 OF 2
TRACED BY	DATE 5-81 NO. 48-6