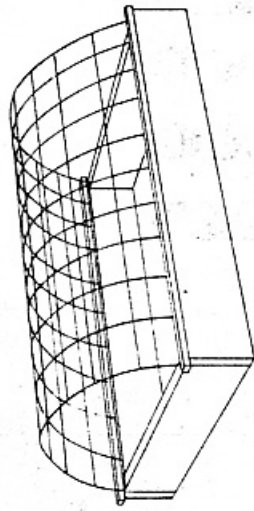


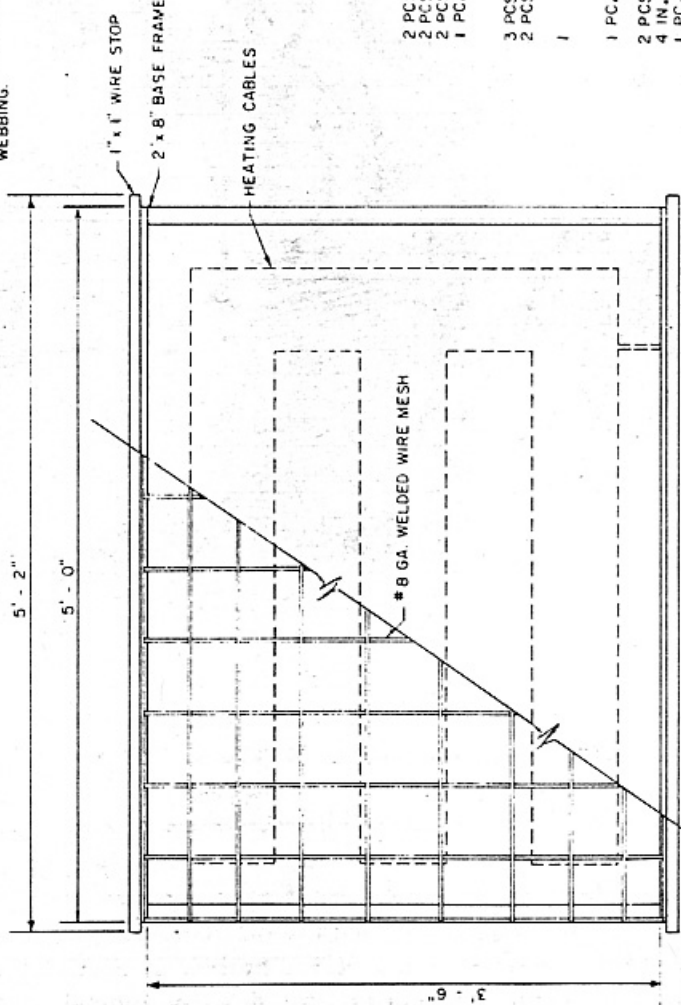
**SIDE VIEW**  
CUT AWAY

NOTE: SEPARATION OF HEATING CABLES IS VARIABLE TO AMOUNT OF HEAT NEEDED PER SQ. FT. ACCORDING TO GEOGRAPHIC LOCATION. REFER TO LEAFLET NO. 445 USDA.

ALL WOOD SHOULD BE TREATED WITH PRESERVATIVE AFTER CUTTING AND BEFORE ASSEMBLY. METAL PARTS AND FASTENINGS TO BE GALVANIZED OR OTHERWISE RESISTANT TO CORROSION. WOOD PARTS MAY BE FASTENED WITH SCREWS OR WITH NAILS. PLASTIC MAY BE FASTENED BY CLOTHES PINS OR BY PLASTIC WEBBING.



**PERSPECTIVE VIEW**  
NOT TO SCALE



**TOP VIEW**  
CUT AWAY

**MATERIAL LIST**

- 2 PCS. 2' x 8' - 5' LONG FOR SIDES
- 2 PCS. 2' x 8' - 3' - 6" LONG FOR ENDS
- 2 PCS. 1' x 1' WIRE STOP - 5' - 2" LONG FOR SIDES
- 1 PC. NO 8 GAUGE 6' x 6' WELDED WIRE, 5' LONG
- 4' - 6" WIDE FOR TOP OF WOOD FRAME TO SUPPORT PLASTIC FILM
- 3 PCS. PLASTIC WEBBING 2" WIDE - 5' LONG
- 2 PCS. PLASTIC FILM, 4 MIL, CLEAR 3' WIDE 7' LONG
- 1 160-WATT SOIL HEATING CABLE, THERMO-STATICALLY CONTROLLED TO SHUT OFF AT 70°
- 1 PC. WHITE PLASTIC FILM, 4 MIL, 5' x 6' FOR COVERING FRAME DURING WINTER
- 2 PCS. CHEESE CLOTH, 3 x 7'
- 4 IN. SAND - 2" ABOVE, 2" BELOW HEATING CABLE
- 1 PC. 1/2" HARDWARE CLOTH, 5' x 3 1/2'

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
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UNIVERSITY OF TENNESSEE  
AGRICULTURAL ENGINEERING DEPARTMENT  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

MINI-HOTBED AND PROPAGATING FRAME

USDA '69 6080 SHEET 1 OF 1

DESIGNED IN COOPERATION WITH:  
CROPS RESEARCH DIVISION