4 MIL CLEAR PLASTIC FILM

8 GA W MESH

1 x 1 WIRE STOP

2 x 8 BASE FRAME

SOIL

SAND

GRAVEL

HEATING CABLES

SIDE VIEW

CUT AWAY

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 NAILED.

PLASTIC MAY BE FASTENED BY CLOTHES PINS OR BY PLASTIC WEBBING.

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.

END VIEW

SECTION

5' - 2"

5' - 0"

1 x 1 WIRE STOP

2 x 6 BASE FRAME

HEATING CABLES

TOP VIEW

CUT AWAY

MATERIAL LIST

2 PCS. 2' x 8' - 5' LONG FOR SIDES
2 PCS. 2' x 6' - 5' LONG FOR ENDS
1 PCS. NO B GAUGE 6' x 6' MULLED WIRE, 5' LONG
3 PCS. 6 WIRE FOR TOP OF WOOD FRAME TO SUPPORT PLASTIC FILM
2 PCS. PLASTIC WEBBING 2" WIDE - 5' LONG
2 PCS. PLASTIC FILM, 4 MIL, CLEAR 3' WIDE - 7' LONG
1 R200 WATT SOIL HEATING CABLE, THERMOSTATICALLY CONTROLLED TO SHUT OFF AT 70° F
1 PCS. WHITE PLASTIC FILM, 4 MIL, 5' x 8' FOR COVERING FRAME DURING WINTER
2 PCS. CHEESECLOTH, 3 x 7'
4 IN. SAND, 2' ABOVE, 2' BELOW HEATING CABLE
1 PCS. 1/2 HARDWARE CLOTH, 5' x 3' 1/2"

DESIGNED IN COOPERATION WITH:
CRIPS RESEARCH DIVISION

MINI-HOTBED AND PROPAGATING FRAME

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

USDA '69 6080 SHEET 1 OF 1