

12" GUARD-MOUNTED EXHAUST FAN
1150 CFM 1500 RPM 1/40 HP

3/4" EXTERIOR PLYWOOD
SECURED TO 1x3'S
WITH 6d NAILS
4" O.C. STAGGERED
CLINCHED

6d COMMON NAILS
CLINCHED

1x3

ISOMETRIC

VALVE

4

CHAIN TO SUPPORT UNIT, HEIGHT CAN BE
ADJUSTED TO MAINTAIN PROPER FOOT
CANDLE LEVEL.

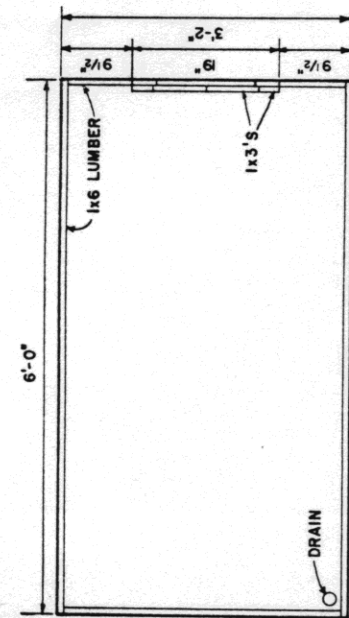
NOTES:

- ① LAMP UNIT WITH TIME CLOCK (SEE SHEET 3)
- ② POT HOLDER FRAME (SEE SHEET 2)
- ③ TRAY (SEE SHEET 2)
- ④ WATERING SYSTEM WITH TIME CLOCK (SEE SHEET 2)

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

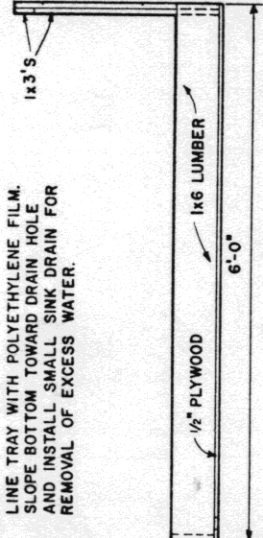
PROPAGATION UNIT FOR PLANTS

USDA '70 6101 SHEET 1 OF 3



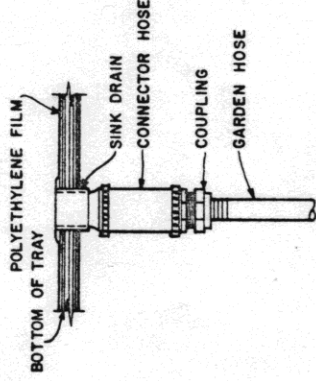
PLAN

NOTE:
LINE TRAY WITH POLYETHYLENE FILM.
SLOPE BOTTOM TOWARD DRAIN HOLE
AND INSTALL SMALL SINK DRAIN FOR
REMOVAL OF EXCESS WATER.

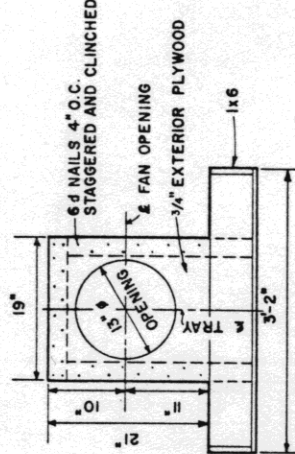


SIDE ELEVATION

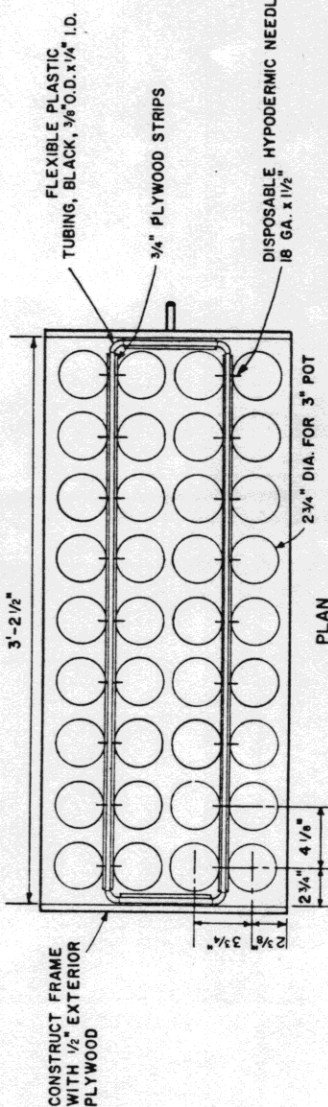
DETAILS OF TRAY
SCALE: 0 1 FT.



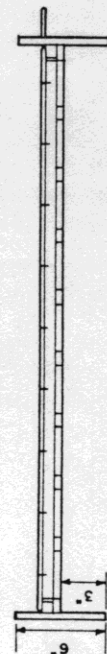
DETAIL OF DRAIN
NO SCALE



END ELEVATION

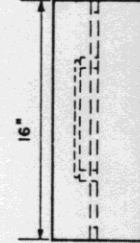


PLAN

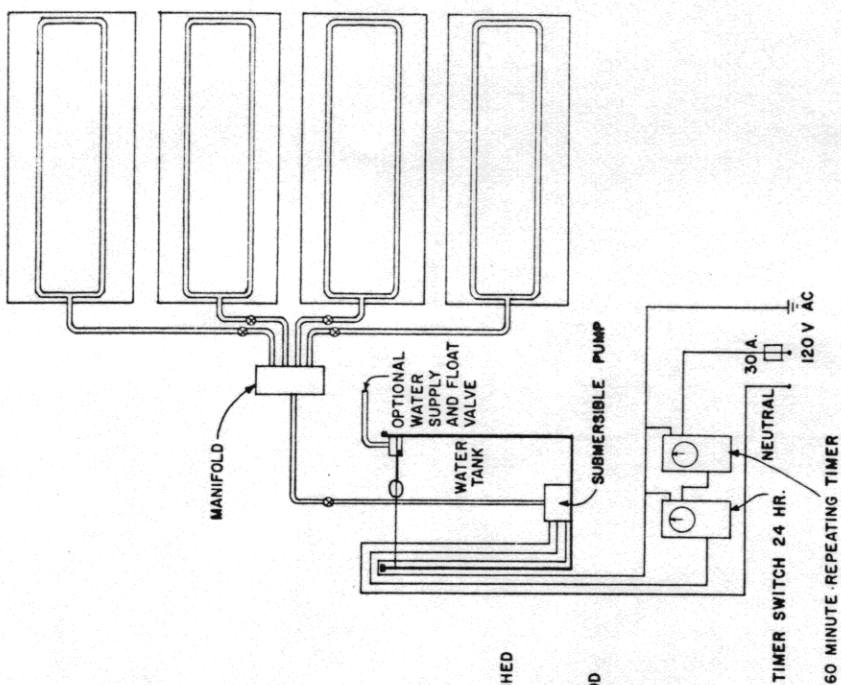


SIDE ELEVATION

DETAILS OF POT HOLDER FRAME
NO SCALE



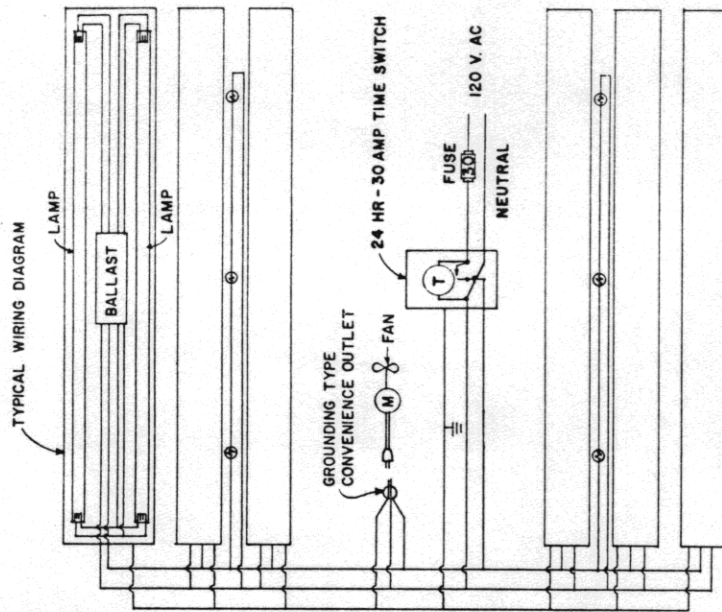
END ELEVATION



WATERING SYSTEM
WITH TIME CLOCKS
NO SCALE

NOTE:

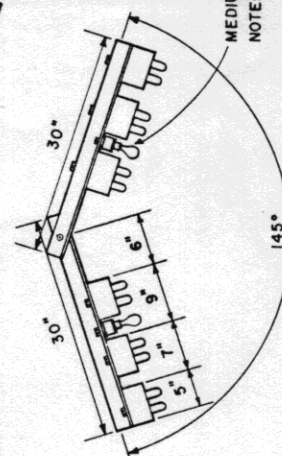
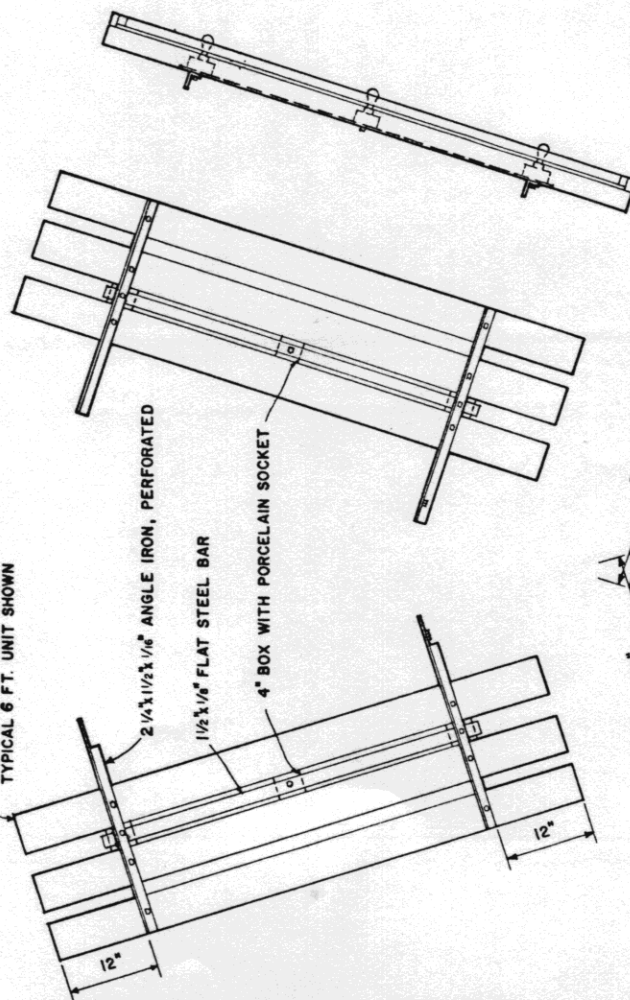
IF THIS UNIT IS INSTALLED IN A POORLY
VENTILATED OR CLOSED ROOM IT WILL BE
NECESSARY TO AIR CONDITION AS FOLLOWS,
4 FT. LAMP UNITS - 3/4 TON AIR CONDITIONER
6 AND 8 FT. LAMP UNITS - 1 TON AIR CONDITIONER



WIRING SCHEMATIC NO SCALE

NOTE: ALL WIRING MUST MEET THE
LOCAL AND NATIONAL ELECTRICAL CODES

2 LAMP 1500 MA FLUORESCENT STRIP UNIT - 6 REQUIRED
4, 6 OR 8 FT. UNITS CAN BE USED
TYPICAL 6 FT. UNIT SHOWN



MEDIUM INCANDESCENT SOCKET 24\"/>

LAMP UNIT
SCALE: 0 1 FT.