



FIBERGLASS SECTION

POLYETHYLENE COVERED SECTION

NOTE 1: NO. 14 X 5/8" HEX HEAD SELF-TAPPING SCREWS ARE SUPPLIED BY THE FIBERGLASS MANUFACTURER. THEY ARE INSERTED THROUGH THE FIBERGLASS AND PIPE STRAP FASTEN FROM THE OUTSIDE IN EVERY 3 RD. VALLEY OF THE CORRUGATED FIBERGLASS. THE OVERLAPPED EDGES ARE SECURED WITH SELF-TAPPING NO. 14 X 5/8" SCREWS WITH NEOPRENE WASHERS 12" O.C. ON THE RIDGES OF THE OVERLAP. (FOLLOW THE MANUFACTURER'S RECOMMENDATIONS)

NOTE:
CONSULT LOCAL BUILDING
AUTHORITIES BEFORE
STARTING CONSTRUCTION.

WHEN FIBERGLASS IS USED FOR END WALL COVERS,
FASTEN AS PER MANUFACTURER'S RECOMMENDATIONS.

USE 1X4'S TREATED AS BATTENS
WHEN FOLLYETS IS USED TO
COVER ENDS (APPROX. TEN 10' LENGTH
PIECES NEEDED PER END)

END FRAMING

BASED ON: MISS. STATE UNIV. PLAN NO. 6094-A. TRUCK CROPS RES. CTR.

2X4 BRACE

52"X32" FAN
OPENING OR
LOUVER

DOOR

2X4

CONDUIT EXTENDS INTO PIPE
1/16" NAIL PIN

1" X 24" G. I. PIPE

WOOD FRAME TO BEGIN
PLASTIC HEAT DUCT
2X4 OSMOSE TREATED

HORIZONTAL CONDUIT
ON INSIDE OF BOW

2X4X8'-0" LATH-OSMOSE TREATED
FASTEN W/2-3/16" X 3" ROUND HEAD STOVE
BOLTS AT BUTT JOINTS. USE 3/16" X 6"
1/8" GALV. SHEET SPALICE PLATES ON
BACKSIDE FASTEN EACH MEMBER TO
SPALICE PLATE W/2-3/16" X 2" ROUND
HEAD STOVE BOLTS.

1/2" THINWALL GALV. STEEL
3/16" X 2" ROUND HEAD STOVE
BOLTS COVER BOLT HEAD
WITH PLASTIC TAPE.

3/4" CONDUIT - WITH CRIMPED
CONNECTORS 30" O.C.
10'-0" SECTION - THREE REO D/BOW

2X6 OSMOSE TREATED RUNNER

BURY TAIL OF CLEAR PLASTIC
SHEET 12" TO 16" IN GROUND.

CORRUGATED FIBERGLASS COVER 33'-6" L X 50 1/2" W (48" COVERAGE)

2X6 OSMOSE TREATED

FIBERGLASS TO EXTEND 12" TO 16" IN GROUND.
FASTEN WITH ALUMINUM SCREW SHANK NAILS
WITH NEOPRENE WASHERS.

TWO - SELF TAPPING SCREWS, NO. 14 X 5/8" HEX HEAD
WITH NEOPRENE WASHER (SEE NOTE 1).

1/2" GALV. PIPE STRAP

1/2" THINWALL GALV. STEEL CONDUIT

CORRUGATED FIBERGLASS
PANELS

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS	
STATE OF TENNESSEE	
UNIVERSITY OF TENNESSEE	
AGRICULTURAL ENGINEERING DEPARTMENT	
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING	
PLASTIC GREENHOUSES	
MISS. '75	SHEET 1 OF 2

