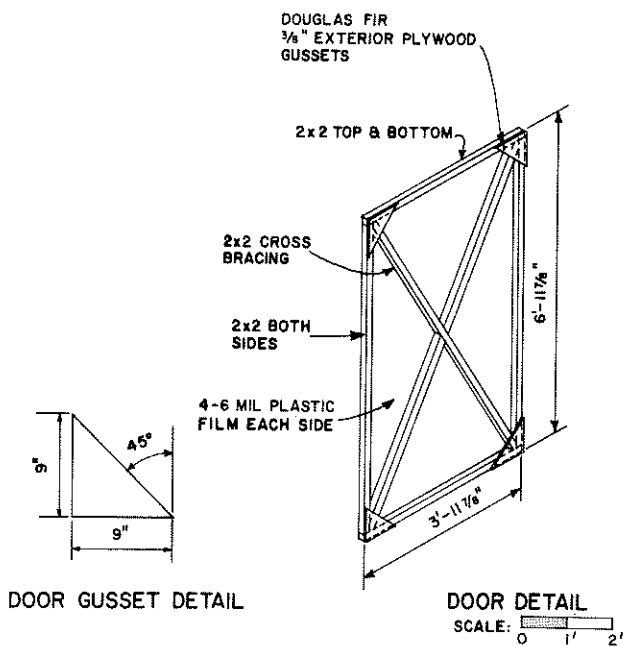


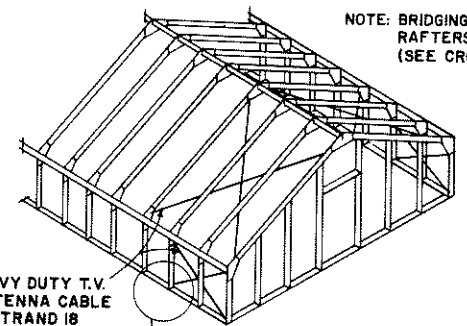
NOTE: GAS & WATER LINES TO BE PLACED A MINIMUM OF 2'-0" UNDER GROUND AND BELOW FROST LINE

PLAN VIEW
SCALE: 0 2 4 6 8 FT.

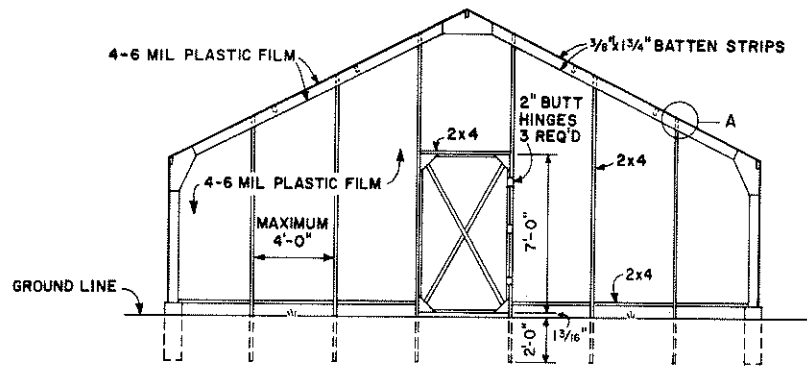


DOOR GUSSET DETAIL

DOOR DETAIL
SCALE: 0 1' 2'

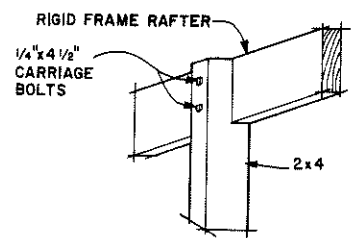


NOTE: BRIDGING BETWEEN RAFTERS NOT SHOWN. (SEE CROSS SECTION)

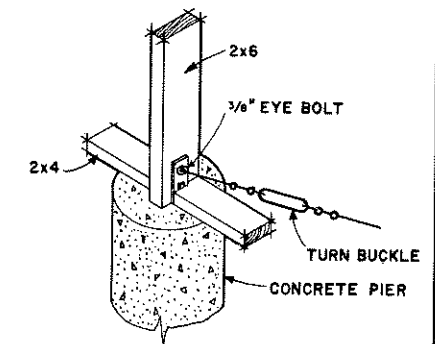


NOTE: ALL LUMBER IN CONTACT WITH THE GROUND TO BE DIPPED 24 HOURS IN PENTACHLOROPHENOL. EXTEND FOOTINGS BELOW FROST LINE.

VIEW A
SCALE: 0 2 4 6 FT.



DETAIL "A"
SCALE: 0 1 FT.



DETAIL "B"

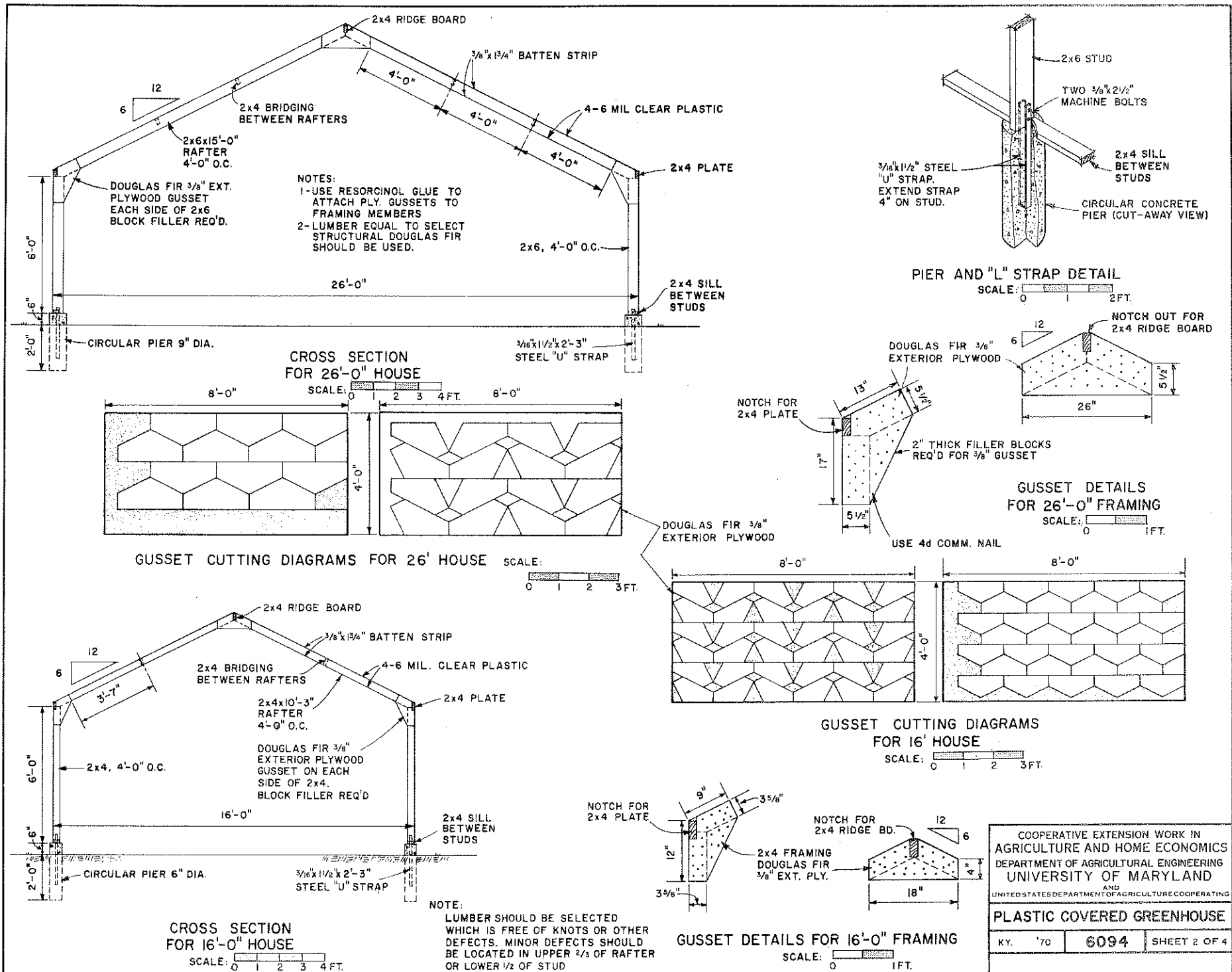
NOTE: ADAPT TO LOCAL CONDITIONS AND CONFORM WITH LEGAL REGULATIONS

BASED ON UNIV. OF KY. PLANS NO. 11.771-2, 11.811-1, 11.811-4 AND 11.811-5

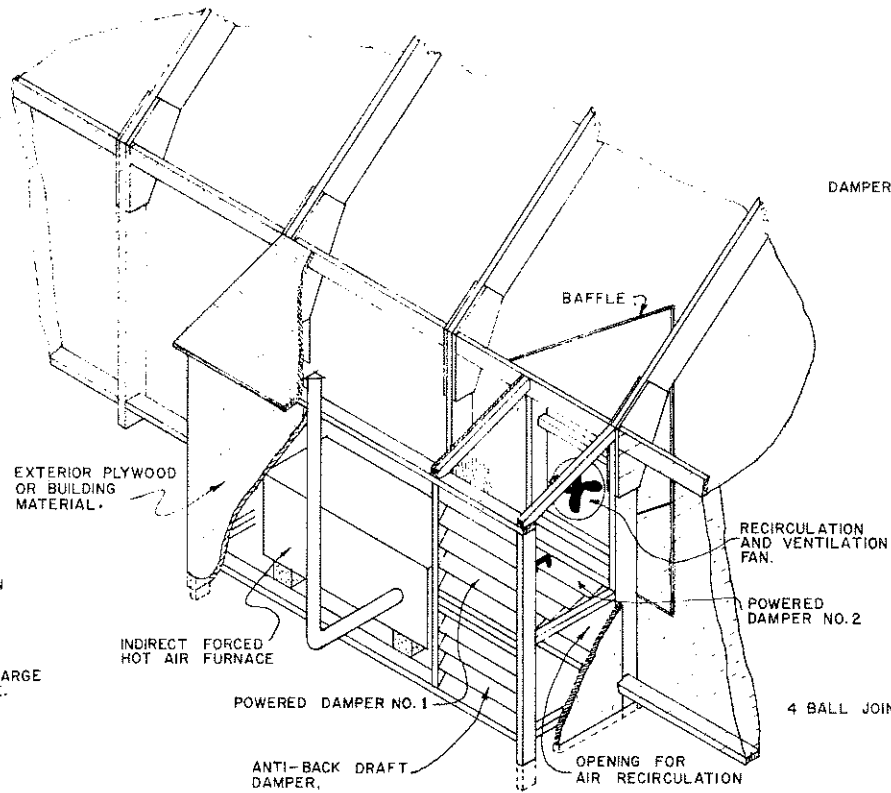
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
UNIVERSITY OF MARYLAND
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

PLASTIC COVERED GREENHOUSE

KY.	'70	6094	SHEET 1 OF 4
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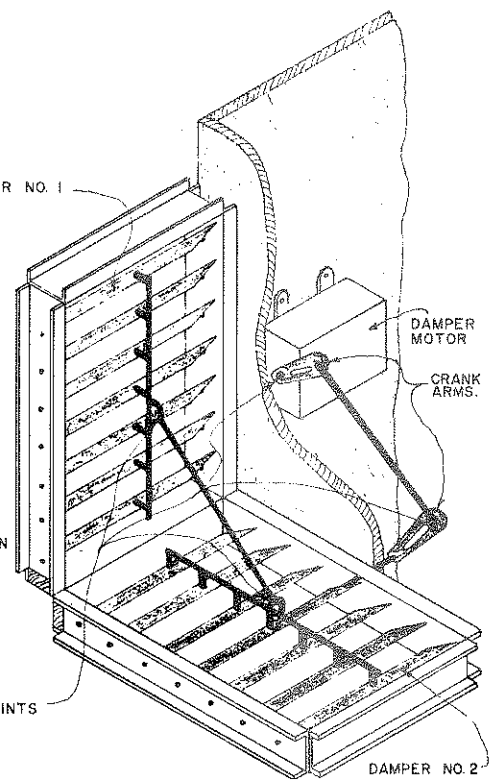


- ① FAN CAPABLE OF DELIVERING 1 C.F.M. AT 1/8" H₂O FOR EACH CU. FT. OF VOLUME IN HOUSE.
- ② FORCED HOT AIR FURNACE HEATING CAPACITY BASED ON SIZE OF GREEN HOUSE.
- ③ DAY-NIGHT FURNACE THERMOSTAT.
- ④ MINNEAPOLIS HONEYWELL MODULATING THERMOSTAT MODEL NO T-921-A RANGE 56°-84°F, DIFFERENTIAL 3°F. (OR EQUAL)
- ⑤ POWERED DAMPERS CONTROLLED BY NO.4, 150 FT. AREA PER 1000 CFM. OF AIR MOVED BY FAN.
- ⑥ DAMPER MOTOR TO POWER NO.5 MINNEAPOLIS HONEYWELL INTEGRAL SPRING RETURN DAMPER MOTOR MODEL NO M 905 E OR EQUAL TWO PUSH RODS 24" FOUR BALL JOINTS, TWO CRANK ARMS.
- ⑦ ANTI-BACK DRAFT GRAVITY DAMPER 150 FT. OF AREA PER 1000 CFM. OF AIR MOVED BY FAN. AIR CONDITIONING PRODUCTS COMPANY BACK DRAFT DAMPER MODEL 702 BLACK FRAMES.
- ⑧ METAL ASBESTOS VENT PIPE FOR FURNACE



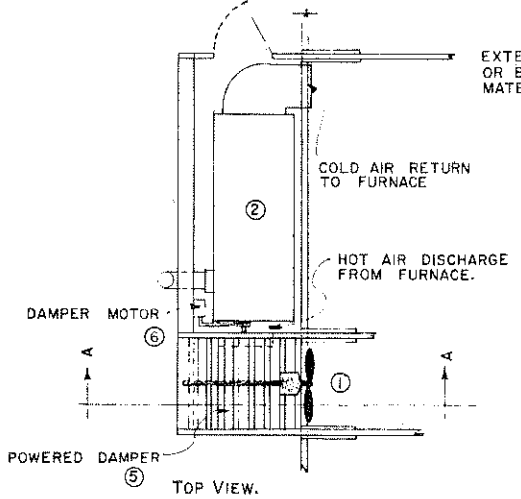
ISOMETRIC VIEW.

NOTE: LUMBER EQUAL TO SELECT STRUCTURAL DOUGLAS FIR SHOULD BE USED.



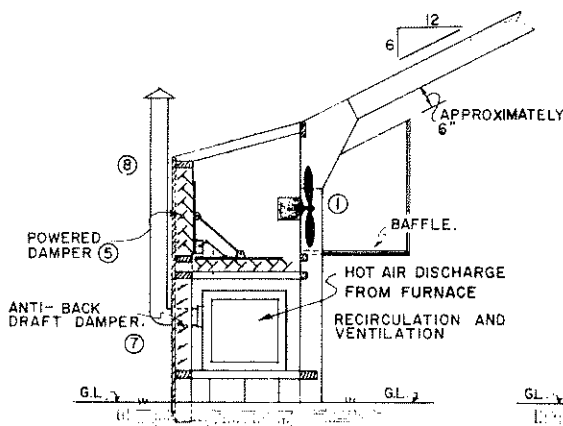
ISOMETRIC VIEW (DAMPER MOTOR AND DAMPERS)

- NOTE: 1- POWERED DAMPER NO. 2 OPEN WHEN DAMPER NO. 1 IS CLOSED AND NO. 2 CLOSED WHEN NO. 1 IS OPEN.
- 2- DAMPERS SHOULD HAVE 150 FT. OF AREA PER 1000 CFM. OF AIR MOVED BY FAN.
- 3- FAN SHOULD MOVE 1 C.F.M. OF AIR AGAINST 1/8" STATIC PRESSURE FOR EVERY CU. FT. OF VOLUME IN HOUSE.

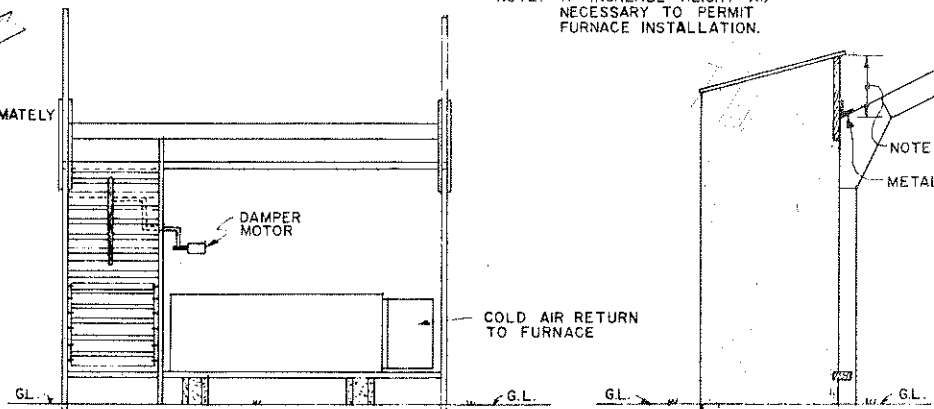


TOP VIEW.

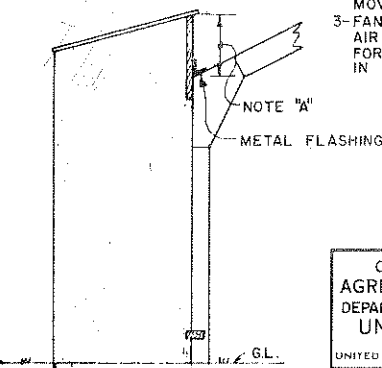
NOTE: "A" INCREASE HEIGHT AS NECESSARY TO PERMIT FURNACE INSTALLATION.



SECTION "A-A" VIEW.



VIEW FROM INSIDE HOUSE.



END VIEW. (OPTIONAL FRAMING)

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PLASTIC COVERED GREENHOUSE

KY. '70	6094	SHEET 3 OF 4
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