

PLAN VIEW

1/10" = 1'-0"

GENERAL NOTES

1. THIS BUILDING IS DESIGNED FOR BROODING OF REPLACEMENT PULLETS AT A MINIMUM DENSITY OF ONE BIRD PER SQUARE FOOT. INSULATION DESIGN IS BASED ON THE ECONOMICAL UTILIZATION OF ELECTRICAL ENERGY AS A HEAT SOURCE.

2. EXHAUST TYPE VENTILATING FANS SHOULD BE INSTALLED TO PROVIDE A TOTAL OF 1 CFM PER POUND OF LIVE WEIGHT AT MATURITY. RECOMMENDED CONTROL OF THIS AIR IS AS FOLLOWS:
 1/8 CFM PER POUND - THERMOSTAT AND TIMER
 3/8 CFM PER POUND - THERMOSTAT
 1/2 CFM PER POUND - THERMOSTAT
 1 CFM PER POUND TOTAL

3. PROVIDE VENTILATION OVER THE CEILING INSULATION WITH EITHER GABLE END VENTILATION OR A CONTINUOUS RIDGE VENTILATOR.

4. PRESSURE TREATED MATERIAL SHALL HAVE A MINIMUM PRESERVATIVE RETENTION OF 7 LBS. PER CUBIC FOOT AS PER A.W.P.A. STANDARDS.

5. ALL GIRDER MEMBERS AND POSTS TO BE CONSTRUCTION GRADE DOUGLAS FIR.

6. CONCRETE SHOULD BE AN AIR ENTRAINED MIXTURE CONTAINING 6% AIR, 6 SACKS OF CEMENT PER CUBIC YARD, AND 6 GALLONS OF WATER PER SACK OF CEMENT.

7. ALL PLYWOOD SHALL BE GRADE STAMPED EXTERIOR TYPE. INTERIOR GRADE PLYWOOD WITH EXTERIOR GLUE SHOULD NOT BE USED.

8. RECOMMENDED ROOM TEMPERATURES DURING BROODING ARE AS FOLLOWS:

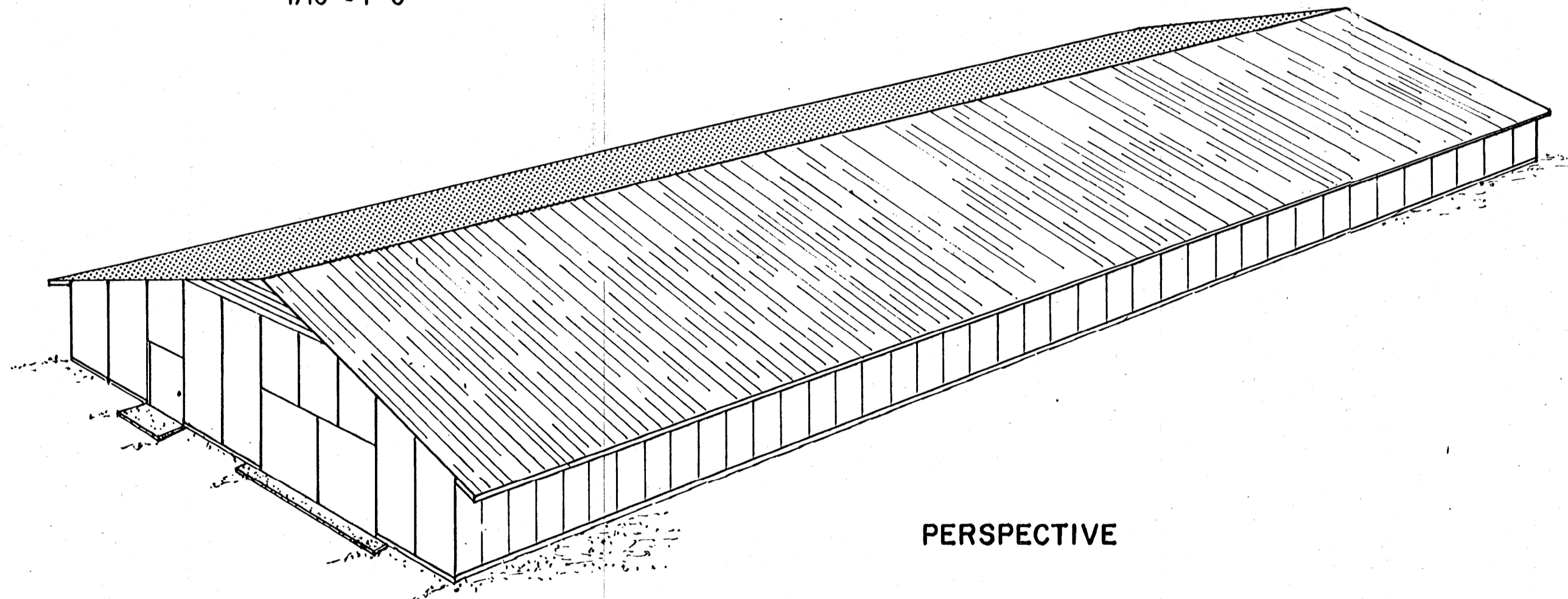
DAY	TEMPERATURE (°F)
1 - 4	92°
5 - 8	90°
9 - 28	DECREASE 1° PER DAY TO 70°
29 - 57	DECREASE 1° EVERY OTHER DAY TO 55°
58 -	55°

9. INITIAL VENTILATION NEEDS DURING THE BROODING PERIOD WILL BE SATISFIED BY NORMAL INFILTRATION OF AIR. THIS EFFECT MAY BE EXPECTED TO PERSIST FOR APPROXIMATELY THREE WEEKS DURING

THE NORMALLY COLD PERIODS OF THE YEAR. IN SUMMER MONTHS, ADDITIONAL VENTILATION MAY BE REQUIRED FOR TEMPERATURE CONTROL. CONTACT YOUR COUNTY AGRICULTURAL AGENT FOR ADDITIONAL INFORMATION ON HEATING AND VENTILATION CONTROL.

10. THE ABOVE TEMPERATURE AND VENTILATION SCHEDULE WILL RESULT IN A HEAT REQUIREMENT OF APPROXIMATELY 3000 BTU PER BIRD FOR THE BROODING PERIOD STARTING JANUARY 15. THESE CALCULATIONS ARE BASED ON AVERAGE TEMPERATURE DATA FOR THE 10 YEAR PERIOD 1957-1966 AT THE BRADLEY FIELD WEATHER STATION.

11. THE DEPARTMENT OF AGRICULTURAL ENGINEERING IS INDEBTED TO MR. JOSEPH BRUMBACH, STATE CLIMATOLOGIST, FOR CALCULATION OF TEMPERATURE DATA AND TO THE UNIVERSITY OF CONNECTICUT COMPUTER CENTER FOR THEIR ASSISTANCE IN EVALUATING HEATING REQUIREMENTS AND INSULATION DESIGN.

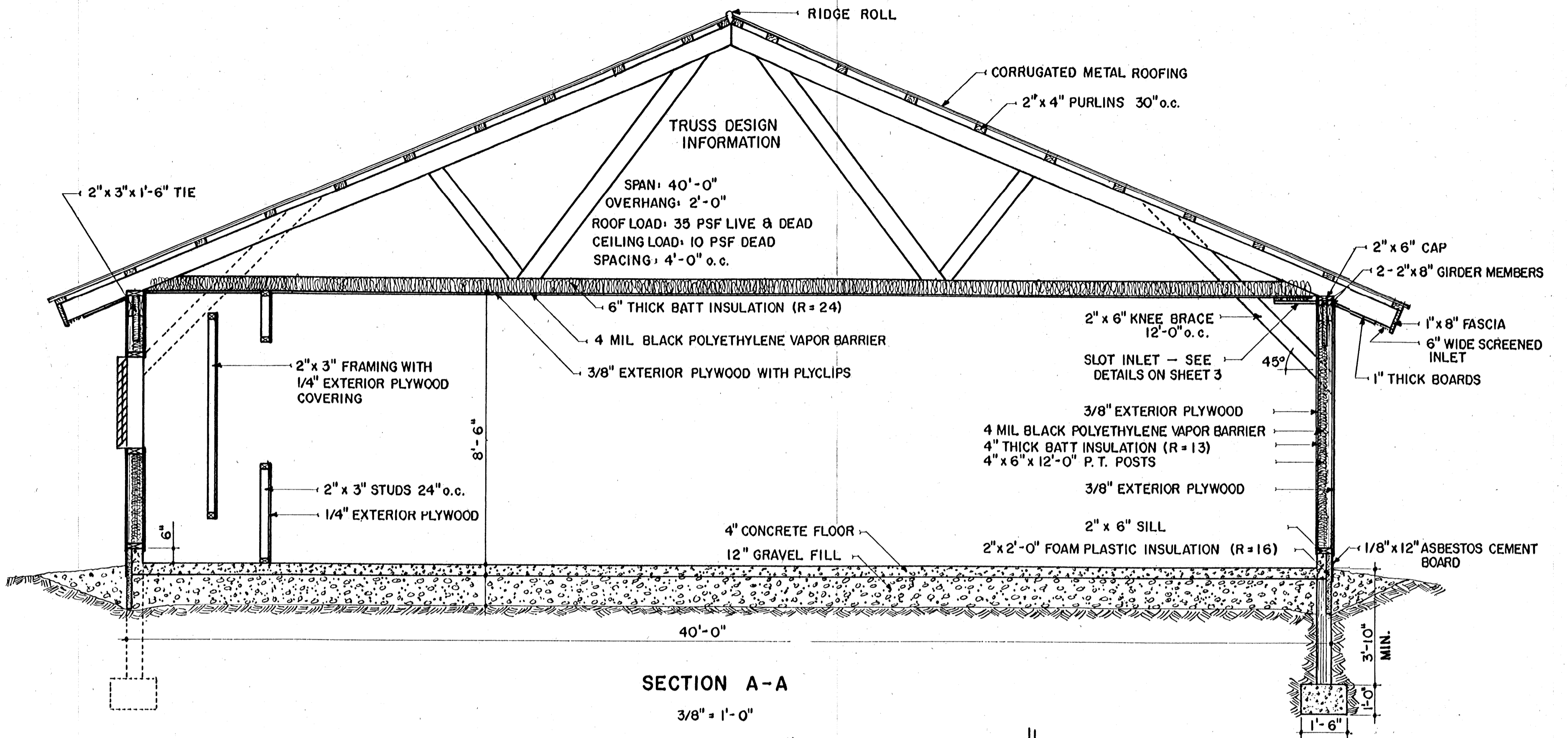


PERSPECTIVE

COOPERATIVE EXTENSION WORK IN
 AGRICULTURE AND HOME ECONOMICS
 STATE OF MISSISSIPPI
 MISSISSIPPI STATE UNIVERSITY
 AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

PULLET REARING HOUSE

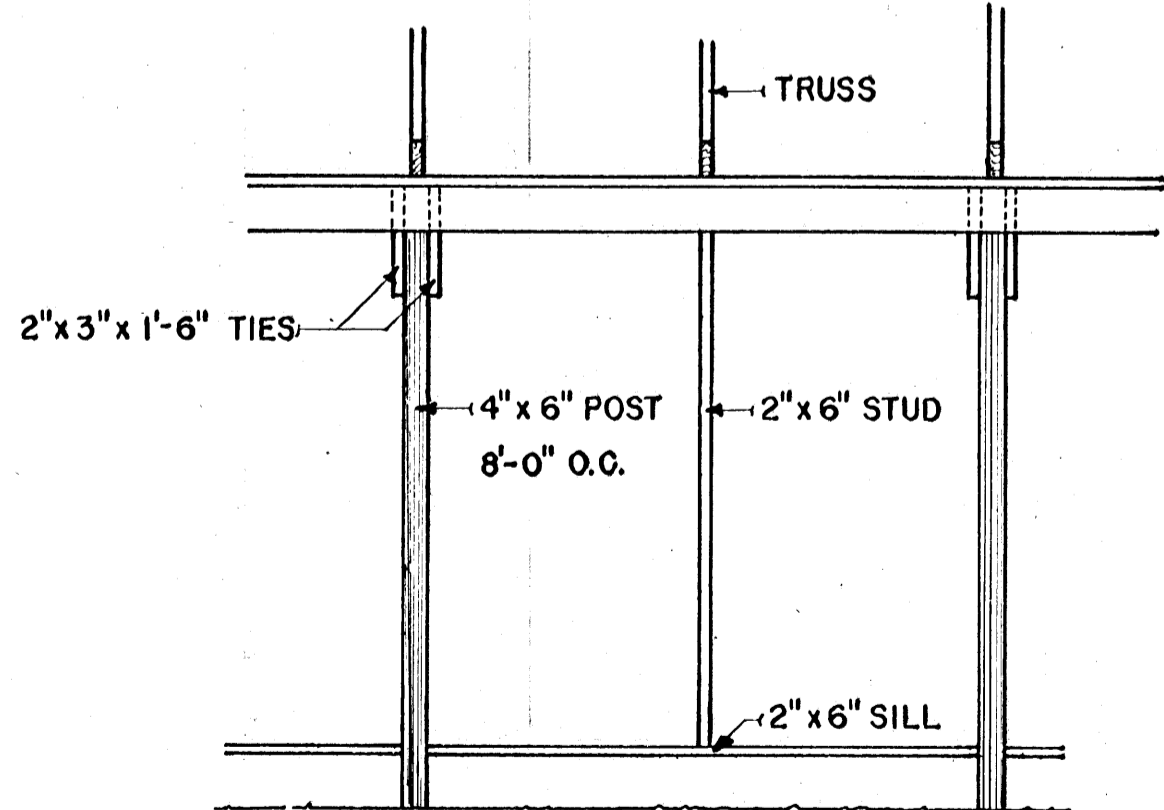
CONN. '68 EX. 6053 SHEET 1 OF 3



SECTION A-A

3/8" = 1'-0"

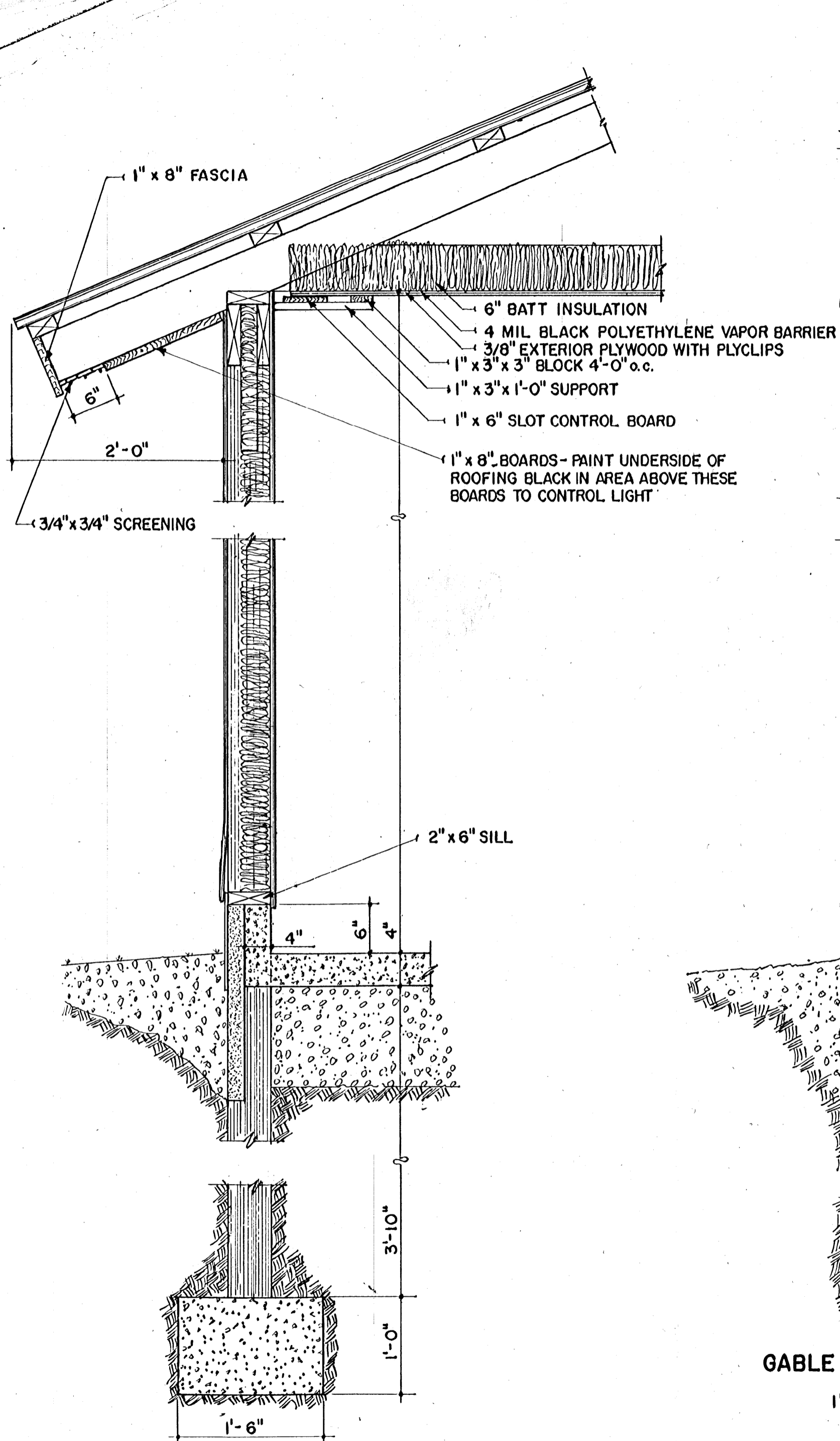
FOOTINGS MUST BE DEEP ENOUGH TO BEAR ON SOLID GROUND BELOW FROST LINE.



WALL FRAMING DETAILS

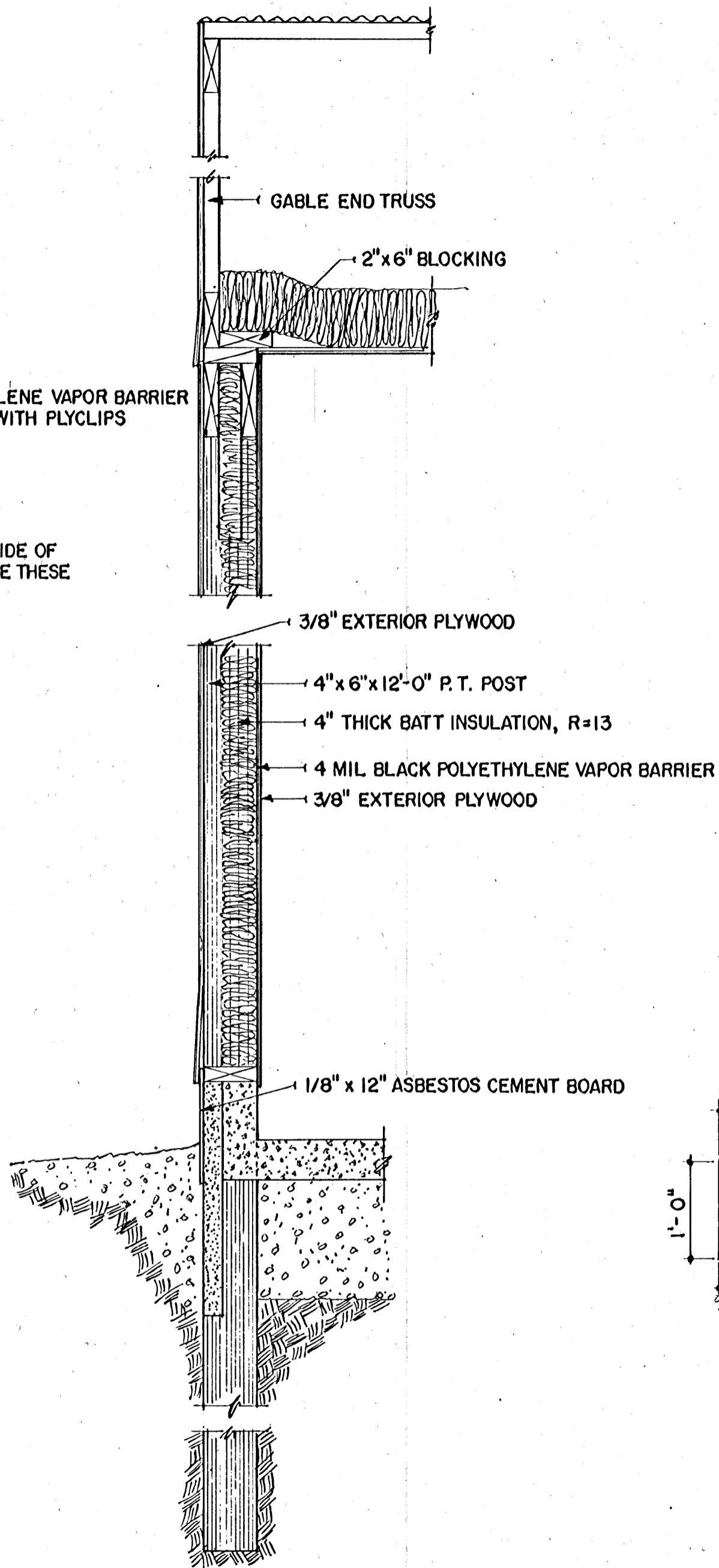
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COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS		
STATE OF MISSISSIPPI		
MISSISSIPPI STATE UNIVERSITY		
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PULLET REARING HOUSE		
CONN '68	EX. 6053	SHEET 2 OF 3



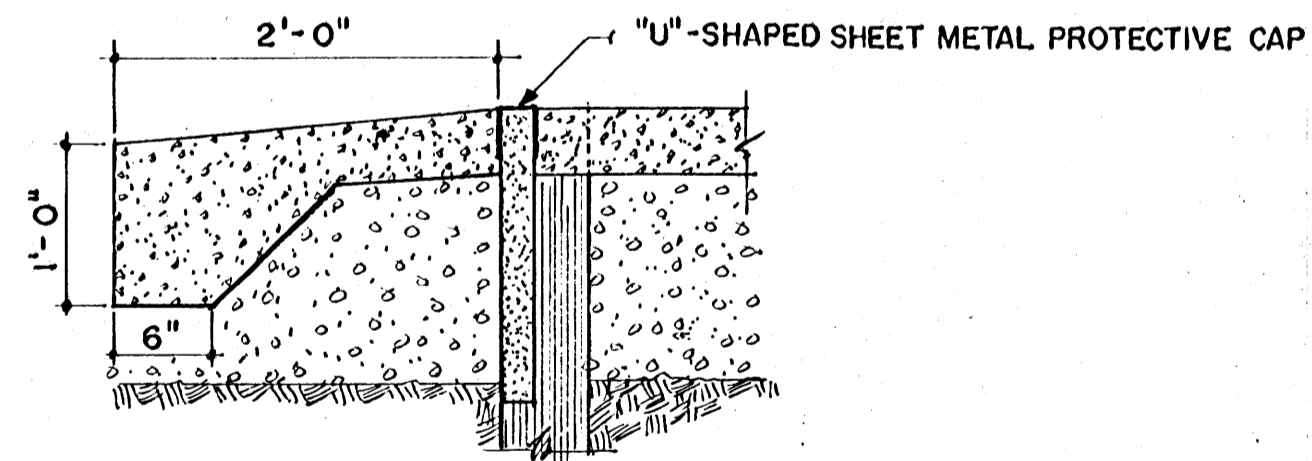
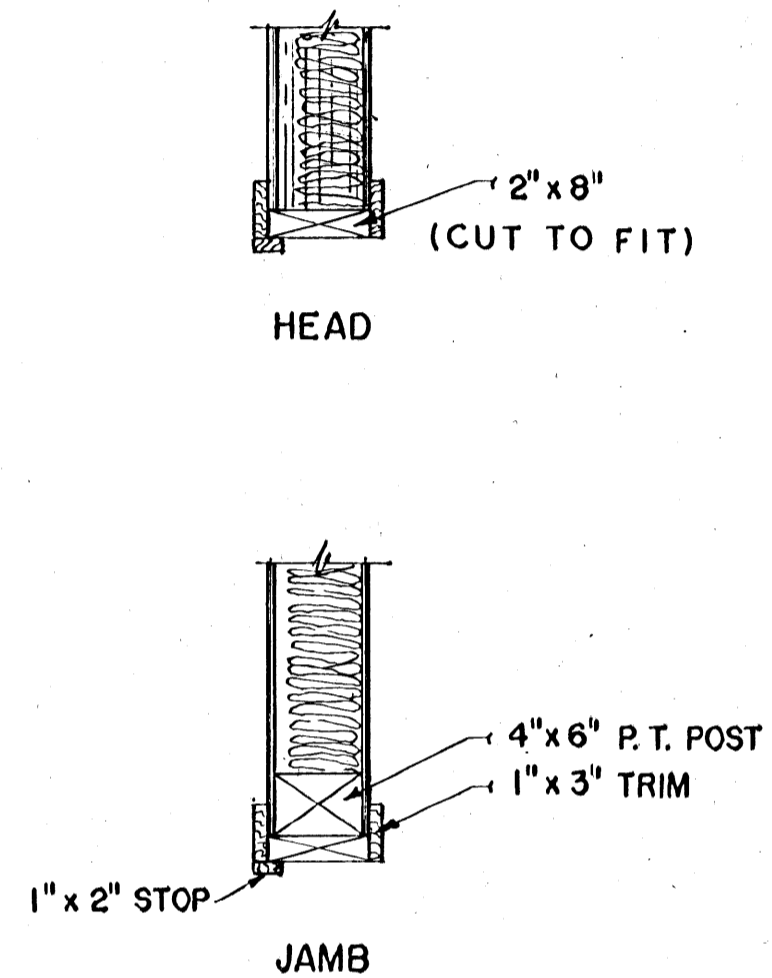
TYPICAL SIDE WALL SECTION

1" = 1'-0"



GABLE END DETAILS

1" = 1'-0"



SILL

DOOR DETAILS

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EX. 6053

SHEET 3 OF 3