

- NOTES: 1. USE A FRACTIONAL H.P. STARTER TO CONTROL FAN N<sup>o</sup> 1 & N<sup>o</sup> 2.
2. TYPICAL AIR FLOW PATTERN FOR AIR MOVEMENT THROUGH PENS. FOLLOW RECOMMENDED AIR FLOW RATES BASED ON AGE OF BIRDS AND OUTSIDE TEMPERATURE.
3. DOOR CAN EITHER BE PURCHASED OR FARM FABRICATED. THEY MUST BE WELL FITTED NEAR AIRTIGHT. THIS IS NECESSARY FOR THE VENTILATION SYSTEM TO OPERATE PROPERLY.
4. USING TWO 15,000 TO 20,000 BTU SIZE PANCAKE STYLE OR RADIANT STYLE BROODERS INSTEAD OF ONE 32,000 BTU SIZE BROODER AFFORDS SAFETY AGAINST A SINGLE BROODER GOING OUT AND LEAVING THE BIRDS WITH NO HEAT IN THE PEN.

PLAN LAYOUT  
Scale: 1/4" = 1'-0"

ELECTRICAL SCHEDULE

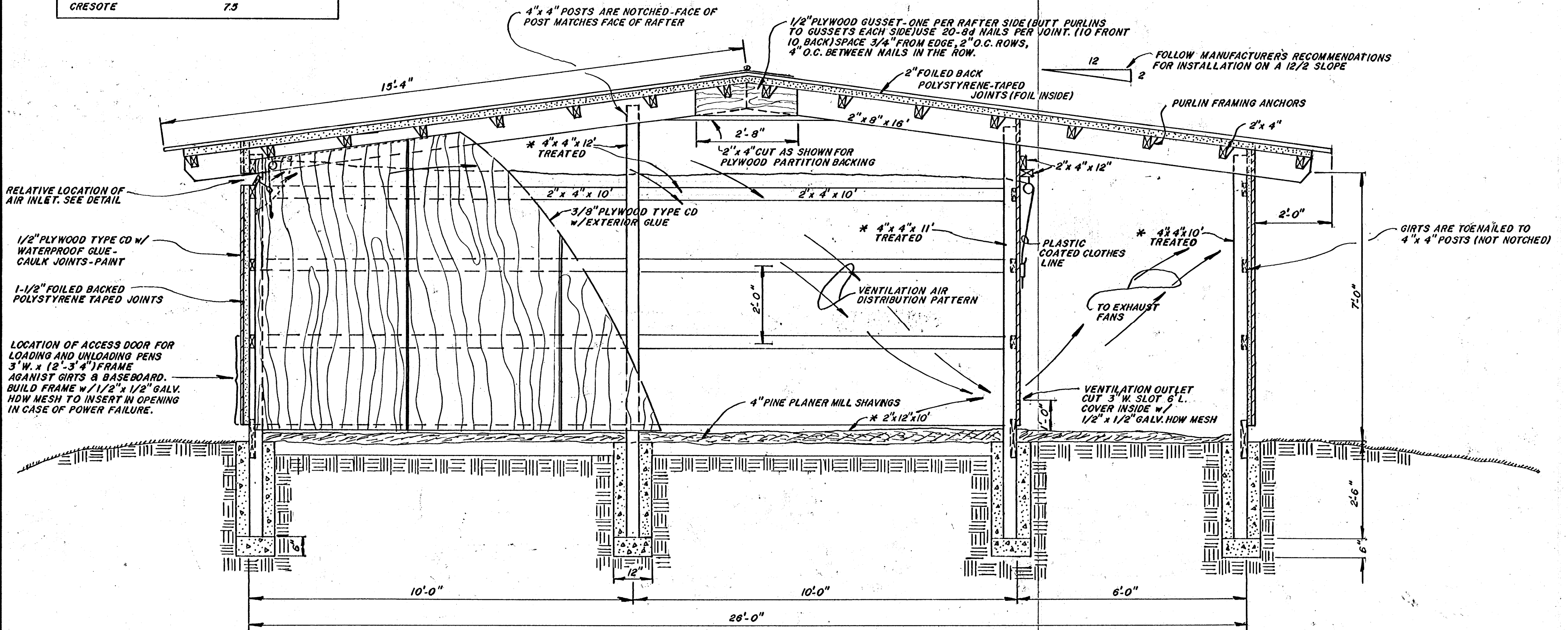
SYMBOL	DESCRIPTION
	KEYLESS - DURLIN MOUNT - PORCELAIN 100W - 150W INCANDESCENT
	KEYLESS - DURLIN MOUNT - PORCELAIN 25 W OR LESS USE DIMMER
S <sub>3</sub> D <sub>1</sub>	3-WAY SWITCH w/DIMMER
S <sub>3</sub>	3-WAY SWITCH
S <sub>F</sub>	FRACTIONAL H.P. MOTOR STARTERS w/PROPER HEATER
S <sub>T</sub>	THERMOSTAT

APPROVED BY: DR. ROBERT L. HAYNES, L.DR.  
MCES POULTRY SCIENCE

FLOOR PLAN		PL. NO. 6084-B
7000 BIRD - ONE WEEK TO SEVEN WEEK QUAIL GROWING HOUSE - 1000 BIRD OUT AND IN PER WEEK		
	DESIGN BY ROBERT L. HAYNES LEE MILLER	SHEET
	DRAWN BY PAM BENNETT	1
	DATE NOVEMBER, 1985.	OF 2

\* TREATED WOOD - FOR GROUND CONTACT WITH THE FOLLOWING TREATMENTS

POUNDS OF MATERIAL / FT <sup>3</sup> OF WOOD	
COPPER ARSONATE	.60
DENTA CHLORPHENOL	.38
CRESOTE	7.5



RELATIVE LOCATION OF AIR INLET. SEE DETAIL

1/2" PLYWOOD TYPE CD w/ WATERPROOF GLUE - CAULK JOINTS - PAINT

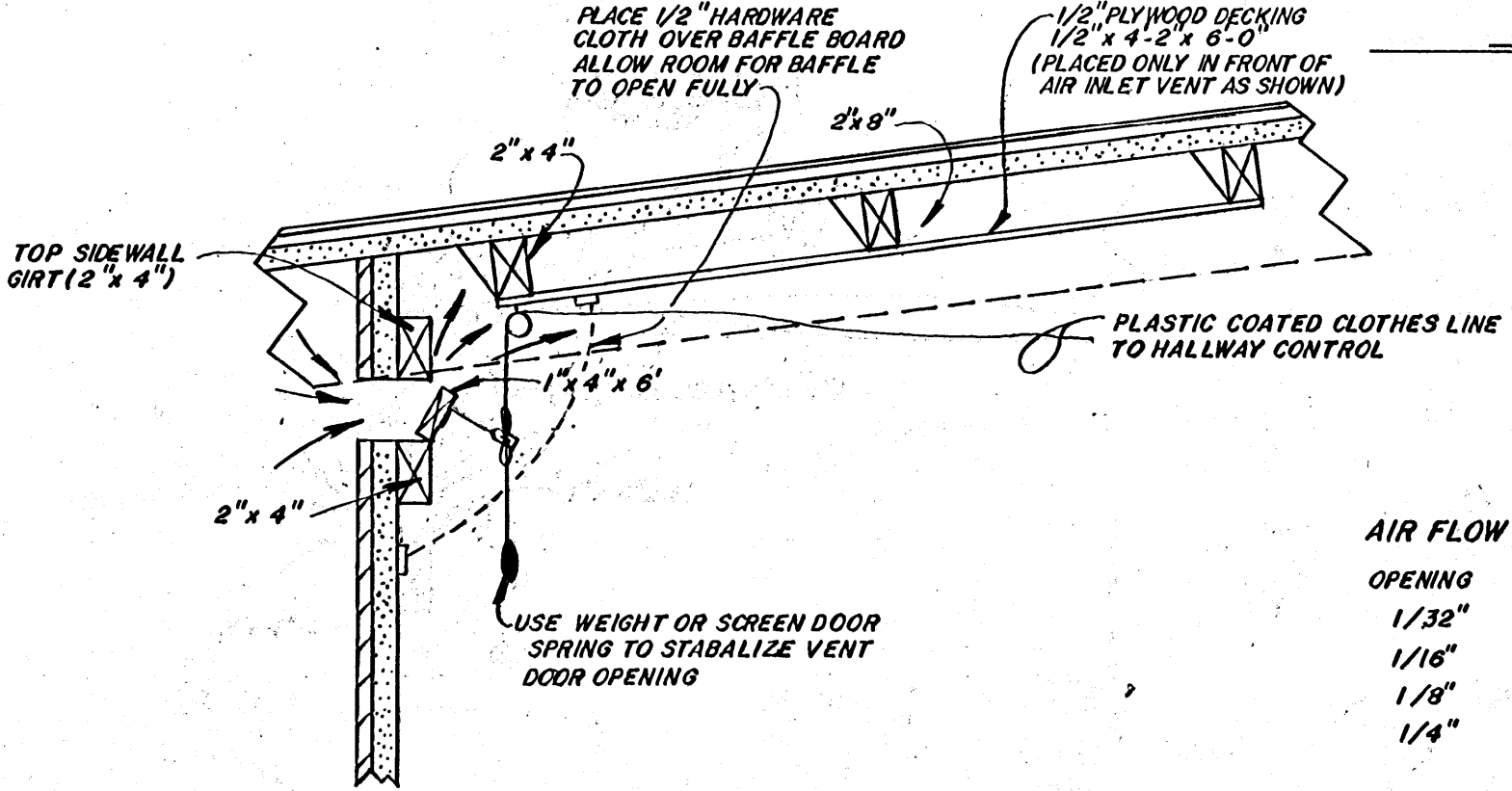
1-1/2" FOILED BACKED POLYSTYRENE TAPED JOINTS

LOCATION OF ACCESS DOOR FOR LOADING AND UNLOADING PENS 3' W. x (2'-3" 4") FRAME AGAINST GIRTS & BASEBOARD. BUILD FRAME w/ 1/2" x 1/2" GALV. HDW MESH TO INSERT IN OPENING IN CASE OF POWER FAILURE.

FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION ON A 12/2 SLOPE

SECTION AA  
Scale: 1/2" = 1'-0"

NOTES: 1. FOLLOW RECOMMENDED VENTILATION RATES AND SLOT OPENING FOR THAT RATE IN EACH PEN. BASED ON:  
a. AGE OF BIRDS  
b. OUTSIDE TEMPERATURE




SLOT INLET DETAIL  
Scale: 1" = 1'-0"

AIR FLOW THROUGH INLET AT 1/8" S.P. (6 FT. L.)

OPENING	CFM	OPENING	CFM
1/32"	18	1/2"	300
1/16"	37	3/4"	450
1/8"	75	1"	600
1/4"	150	1-1/2"	900

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SECTION AA & DETAILS		PL. NO. 6084 B.	
7000 BIRD - ONE WEEK TO SEVEN WEEK QUAIL GROWING HOUSE - 1000 BIRDS OUT AND IN PER WEEK			
 Mississippi Cooperative Extension Service Mississippi State University USDA and Counties Cooperating	DESIGN BY ROBERT L. HAYNES LEE MILLER	SHEET 2 OF 2	
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