



**Idea Plan  
Backyard Poultry and Pigeon Houses**

**No. IP 727-25**

This Idea Plan is intended to provide educational information and ideas concerning housing for backyard poultry flocks. The following attached drawings are based on historical plans and may not meet design and construction standards for your area:

Poultry & Pigeon Houses, brooders-layers-bantams (USDA 6232)  
Poultry House 10' x 12' (USDA 6248)

If you decide to build a facility similar to any of these plans, be sure to check building requirements for your area. Your local building inspector, engineer, building supplier, or building contractor can help you determine what is a safe and legal facility for housing backyard poultry in your area. In addition to the rules and regulations covering design and construction of buildings, be sure to consider how you will handle the manure and potential nuisance problems for neighbors, including flies, odor, and noise.

The Department of Agricultural and Biological Engineering at Penn State has a variety of educational material available related to agricultural and biological engineering. This material is intended to help Pennsylvania farmers and others develop buildings and facilities for modern, environmentally-compatible farm facilities. The material can be used in conjunction with county extension staff, builders, suppliers, consulting engineers, the Natural Resources Conservation Service, financial management advisors, farm lenders, veterinarians, and others to assemble a facilities plan suitable for local conditions.

Publications are available in the areas of agricultural safety and health, animal housing systems, building and farmstead planning, crops and greenhouses, machinery systems and tractors, residential housing, soil and water resources, and solid waste management. Contact your county Penn State Extension Office for more information on these subjects. You can also obtain an index of publications concerning the above areas by calling, writing, faxing or e-mailing:

Department of Agricultural and Biological Engineering  
246 Agricultural Engineering Building  
University Park, PA, 16802-1909  
Telephone: 814-865-7685      Fax: 814-863-1031      E-mail: agbioeng@psupen.psu.edu.

For more information, the following comprehensive handbook covering design and construction of small pole buildings is available:

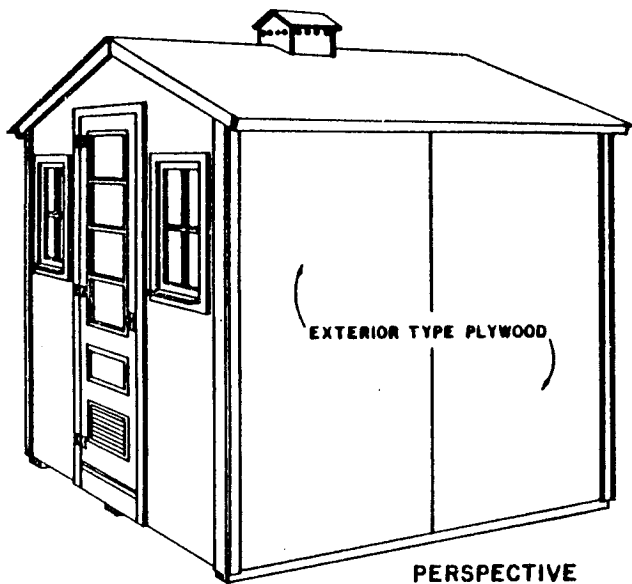
NRAES-01—Pole and Post Buildings, Design and Construction (1984).  
\$6.00 (Contact office below for current pricing).

Order from your local county Penn State Cooperative Extension Office or the Publications Distribution Center, The Pennsylvania State University, 112 Agricultural Administration Building, University Park, PA 16802-2602 (Telephone: 814-865-6713 or Fax: 814-863-5560).

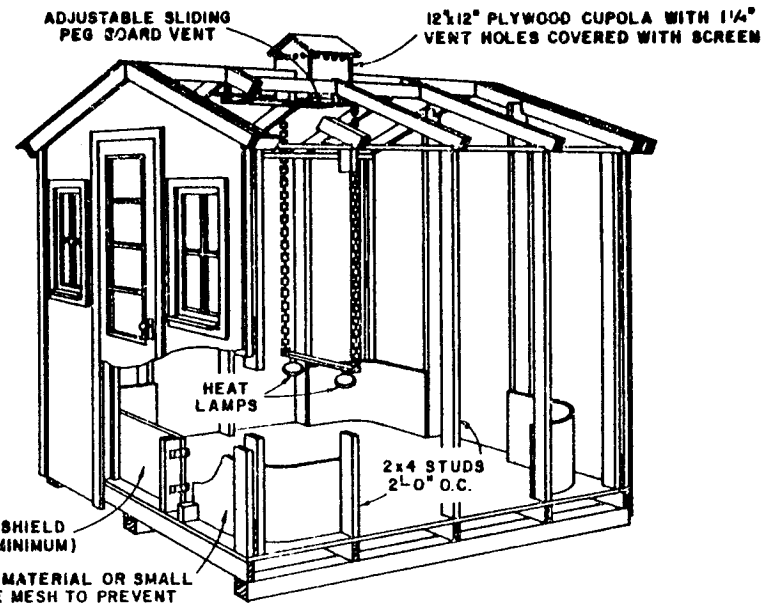
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This publication is available in alternative media on request.

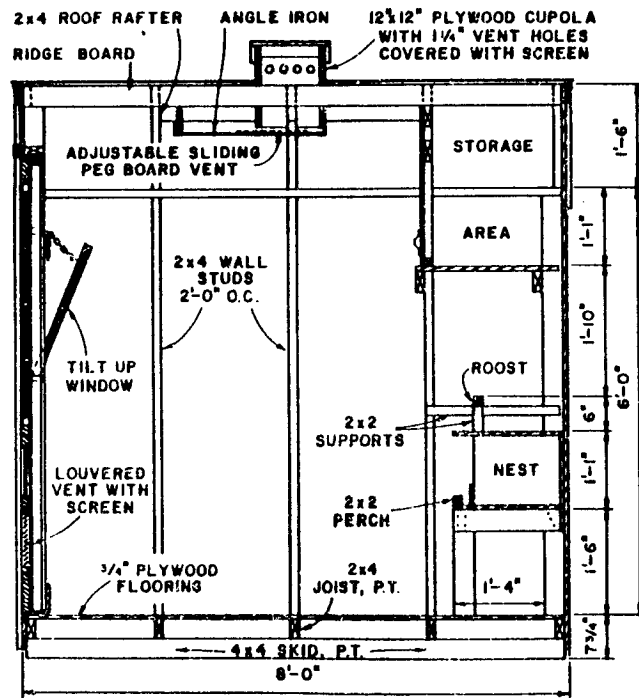
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**PERSPECTIVE  
BROODER HOUSE  
LAYING HOUSE  
CHICKEN HOUSE-BANTAMS  
PIGEON HOUSE**

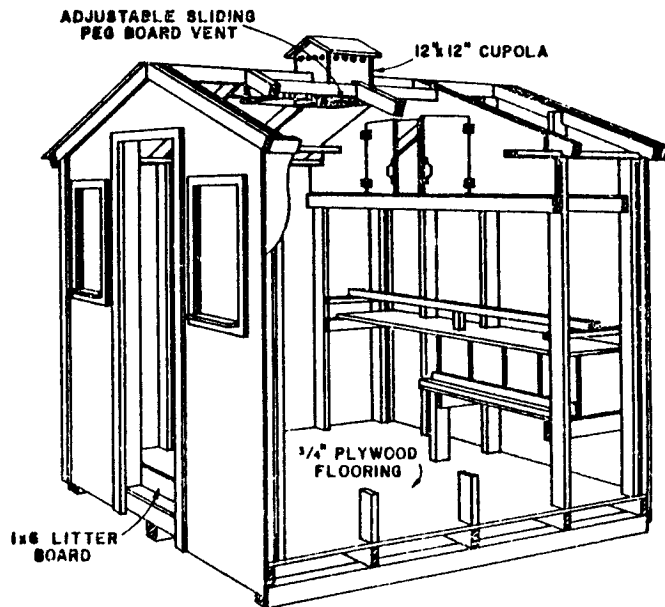


**CUTAWAY VIEW  
OF 6x8' BROODER HOUSE**



**SECTION  
LAYING HOUSE**

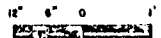
NOTE:  
P.T. - PRESSURE TREATED



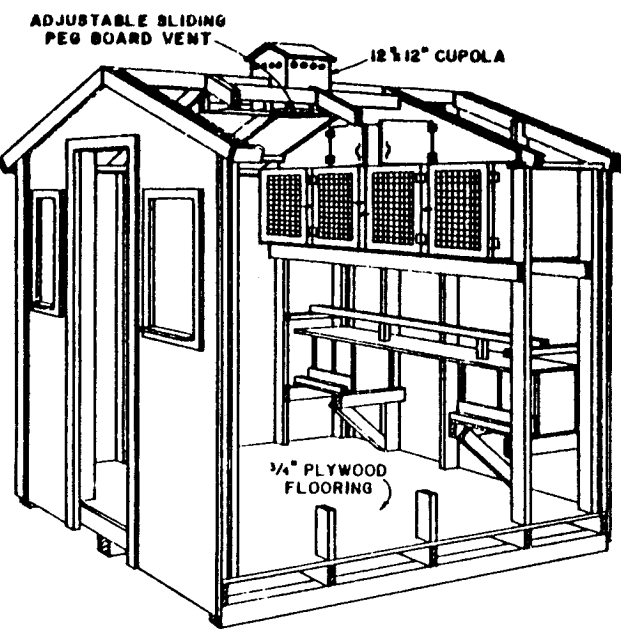
**CUTAWAY VIEW  
OF 6x8' LAYING HOUSE**

NOTE:  
CAPACITY 15-20 HENS  
4-NESTS  
ROOST & STORAGE AREAS.

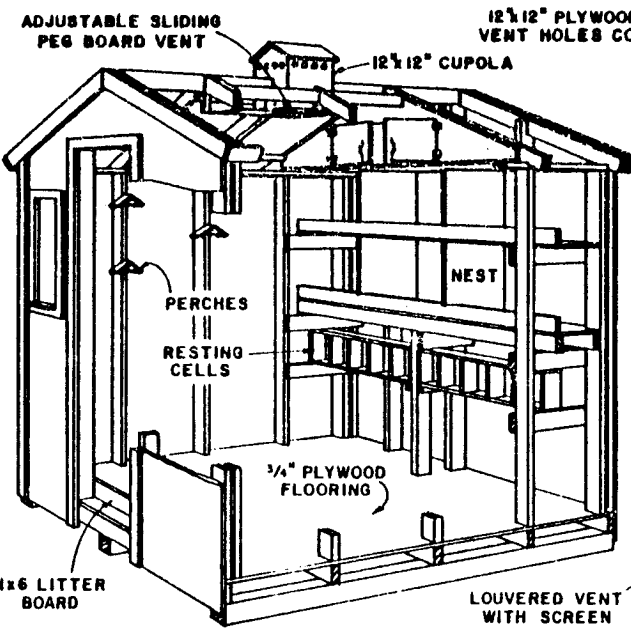
NOTE:  
BASED ON: UNIV. OF WISCONSIN  
PLANS NO. WP 6702, 6703, 6704  
AND 6705.  
CONSULT LOCAL HEALTH AND  
BUILDING CODE AUTHORITIES  
BEFORE STARTING CONSTRUCTION.



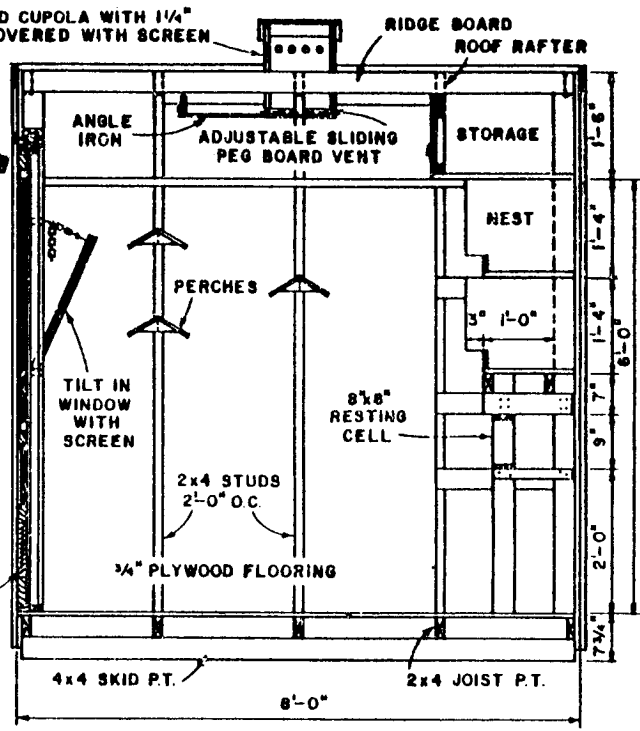
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS			
THE PENNSYLVANIA STATE UNIVERSITY			
AND UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING			
<b>POULTRY &amp; PIGEON HOUSES BROODERS-LAYERS-BANTAMS</b>			
WISC	'75	6232	SHEET 1 OF 2
ORDER NO. 727-6232			



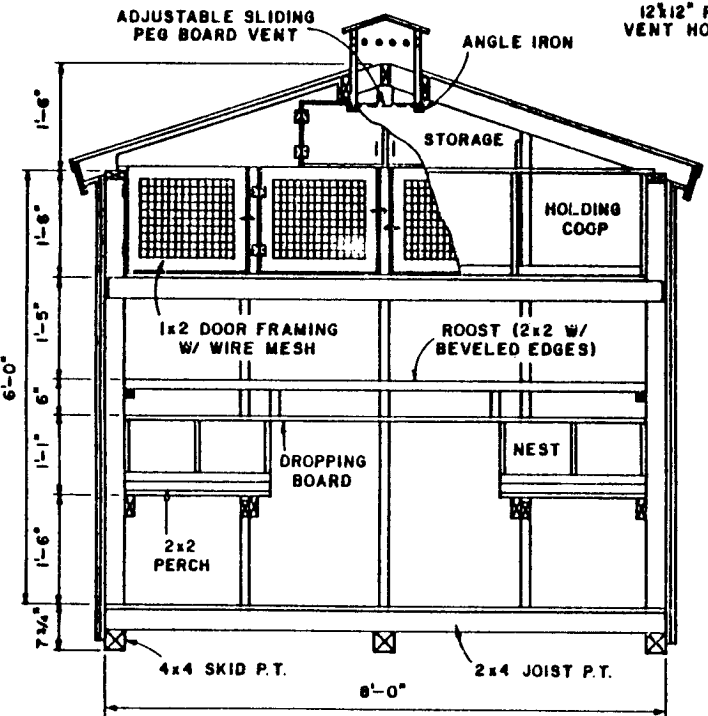
PERSPECTIVE OF CHICKEN HOUSE-BANTAMS



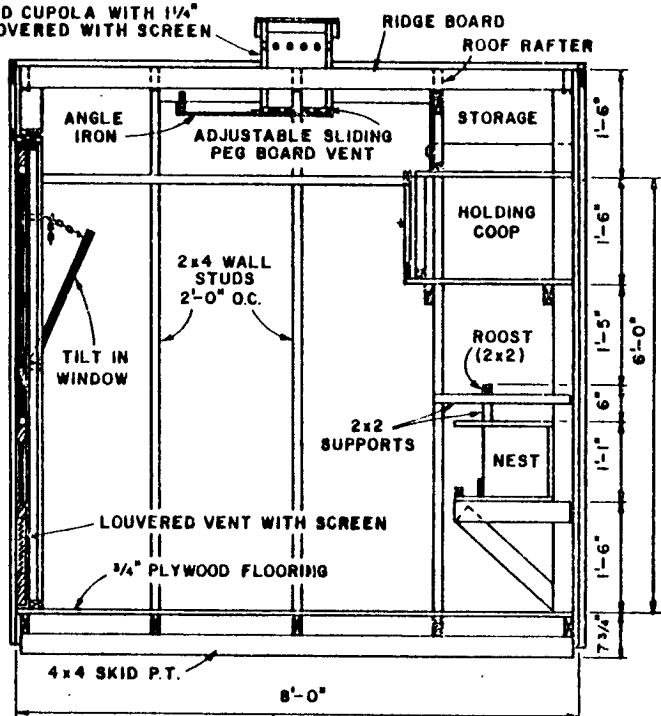
PERSPECTIVE OF PIGEON HOUSE



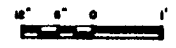
SECTION OF PIGEON HOUSE



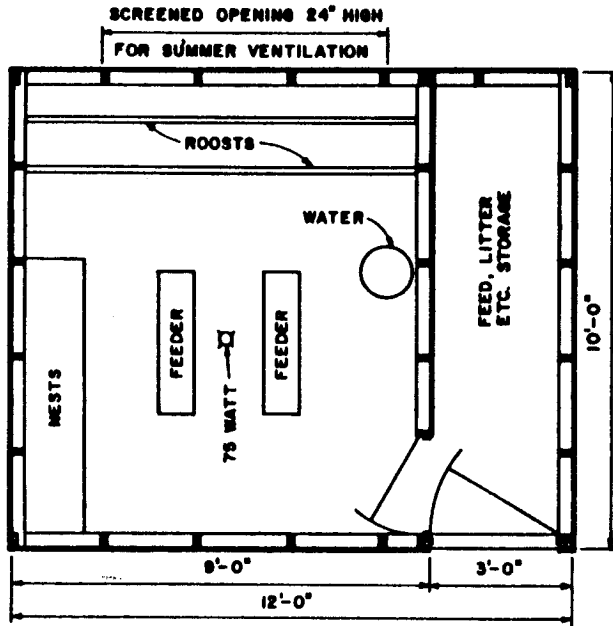
SECTIONS OF CHICKEN HOUSE-BANTAMS



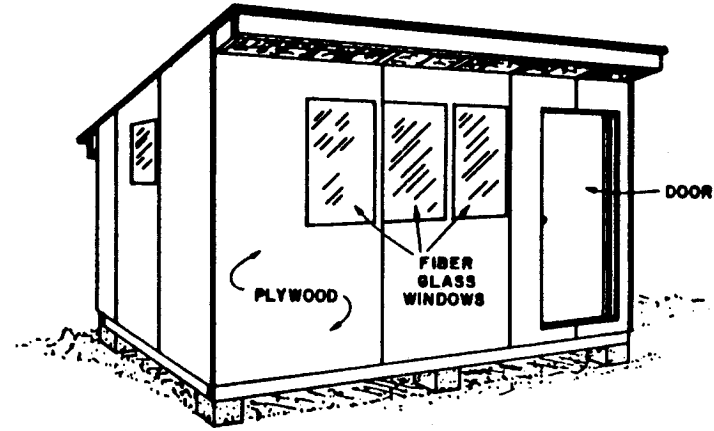
NOTE: P.T. = PRESSURE TREATED.



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**POULTRY & PIGEON HOUSES**  
 BROODERS-LAYERS-BANTAMS  
 WISC. '75 6232 SHEET 2 OF 2  
 ORDER NO. 727-6232



FLOOR PLAN

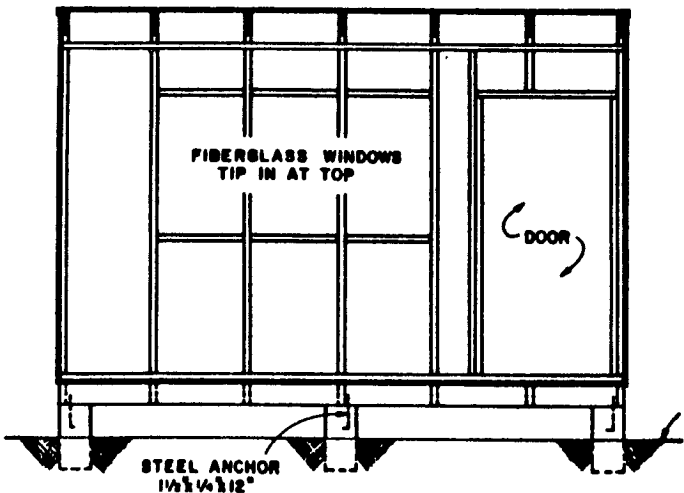


PERSPECTIVE

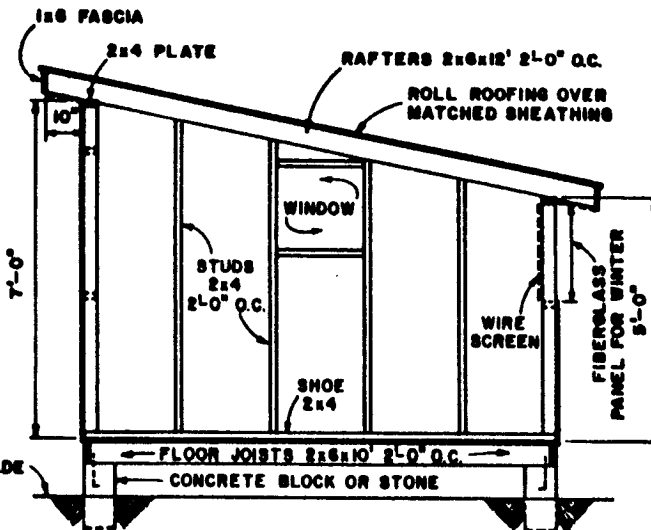
NOTE:  
CONSULT LOCAL HEALTH AND BUILDING CODE  
AUTHORITIES BEFORE STARTING CONSTRUCTION

BILL OF MATERIALS

FOUNDATION	12 CONC. BLOCKS 8 1/2 x 16"
FLOOR JOISTS	7-PC. 2x6x10'
FR. & REAR SILLS	2-PC. 2x6x12'
FLOOR	160 BD. FT. T. & G. SHEATHING
SHOE	64 LIN. FT. 2x4
STUDS: REAR	9-PC. 2x4x8'
FRONT	9-PC. 2x4x7'
ENDS	8-PC. 2x4x12'
PARTITIONS	2-PC. 2x4x12'
PLATES	2-PC. 2x4x12'
ROOF	176 BD. FT. T. & G. SHEATHING 1/2 SQS. ROLL ROOFING
SIDING & DOORS	11 SHEETS 4 1/8 x 12" EXT. PLYWOOD
WINDOWS	2-PC. 2x10" FIBERGLASS (FLAT)
MISCL. FRAMING	4-PC. 2x4x12'
NAILS & HARDWARE	
RAFTERS	7-PC. 2x6x12'
ANCHORS-STEEL	6-PC. 1/2 x 1/4 x 12"
FASCIA	2-PC. 1x6x12'
DOOR STOPS	2-PC. 1x2x12' 1-PC. 1x2x6'



FRONT ELEVATION FRAMING



SIDE ELEVATION FRAMING

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POULTRY HOUSE 10'x12'

N.H. '76 6248 SHEET 1 OF 1

ORDER NO. 727-6248