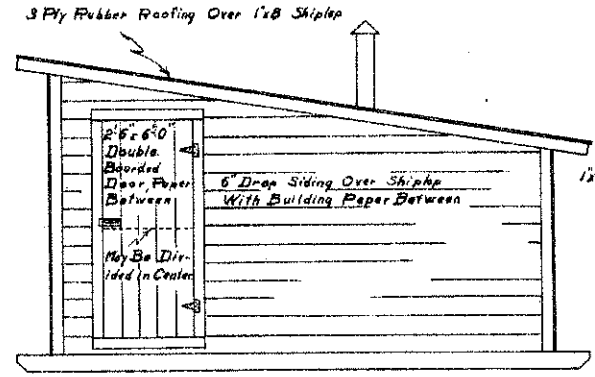
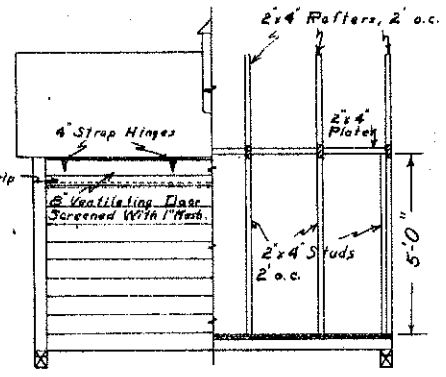


**FRONT ELEVATION AND FRAMING**  
Scale:  $\frac{1}{8}$ " = 1'-0"

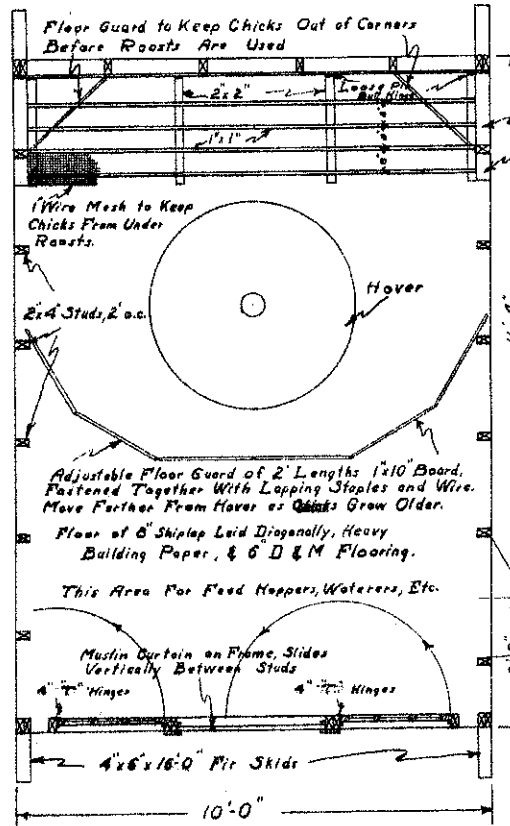


**RIGHT END ELEVATION**

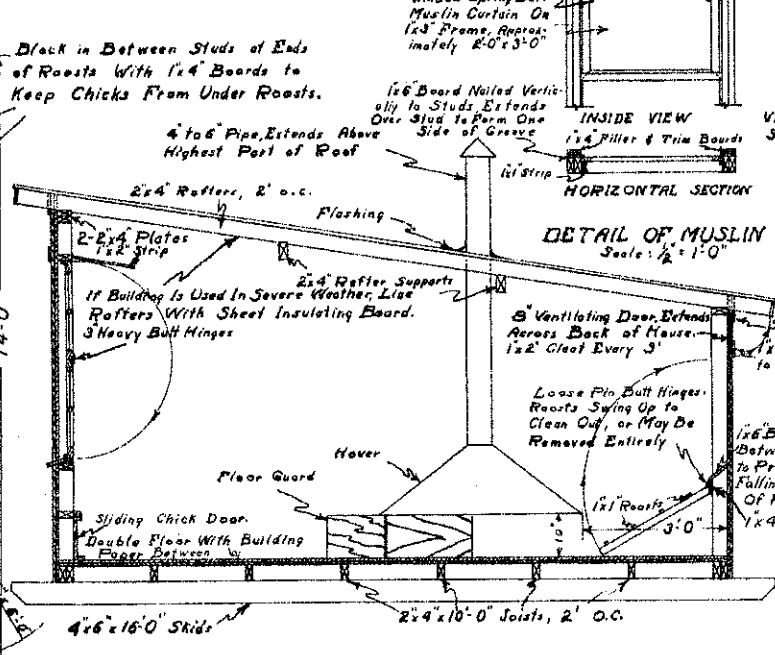


**REAR ELEVATION AND FRAMING**

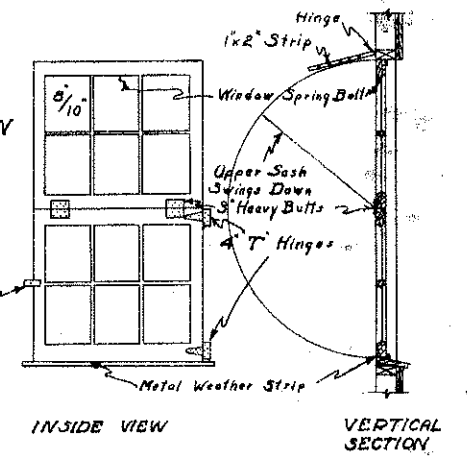
BILL OF MATERIALS		
No. Re	Size	Description and Use
2	4x6x16	Skids
15	2x4x10	Joints, Plates, Rafter Supports, Door Studs, Window Headers
4	2x4x10	Front, Rear Studs, Headers
15	2x4x12	Front, Rear Studs, Headers
2	2x4x14	Studs, Sides
6	2x4x16	Rafters
2	2x2x6	Roost Supports
6	1x1x10	Roost Bars, Window Sashes
1	1x10x16	Guard Around Hover
750 Bd. Ft. 1x8 Shiplap, 10'-12'-14' Lengths		
356 Bd. Ft. 1x6 Drop Siding		
200 Bd. Ft. 1x6 D & M Flooring		
36 Bd. Ft. 1x6 Common Trim & Miscel.		
72 Bd. Ft. 1x4 Com. Trim, Frames, Etc.		
1-2x8x6 Window Sill		
1-1x12x4 Chick Doors		
2-1x8x10 Ventilating Door		
1 Roll 500 Sq. Ft. Thread Felt Paper		
200 Sq. Ft. 3 Ply Roofing		
4 Window Sashes, 6 Light 9/10-1 1/2		
70 Sq. Ft. 1" Wire Mesh		
Hinges: 2-6" T, 4-4" T, 4-4" Strap,		
4-3" Hvy. Butt, 4-3" Loose Pin Butt,		
2-2" Butt, 1-D Door Handle,		
4 Window Spring Bolts, 6 Ft. Spring		
Back Metal Weather Strip, 1 Hover		
With Pipes & Flashing,		
Nails: Common-6"-10d, 25" Bd,		
3"-6d, 3"-6d. Box.		



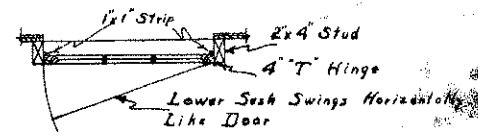
**FLOOR PLAN**  
Scale:  $\frac{1}{2}$ " = 1'-0"



**SECTION THROUGH WINDOW**  
Scale:  $\frac{1}{2}$ " = 1'-0"



**INSIDE VIEW**  
**VERTICAL SECTION**



**HORIZONTAL SECTION**  
**DETAIL OF WINDOW** Scale:  $\frac{1}{2}$ " = 1'-0"

Write the Agricultural Extension Division, NDAC, Fargo, N. Dak. for Circular 87, Incubation and Brooding.

CAPACITY - 300-500 CHICKS

**PORTABLE BROODER HOUSE**  
 DEPT. OF AGRICULTURE  
 DESIGNED BY H. L. WALSTER  
 APPROVED BY C. F. KELLY  
 1932