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7-1925

## EC722 Farm Buildings for Nebraska

Ivan D. Wood

R. M. Loper

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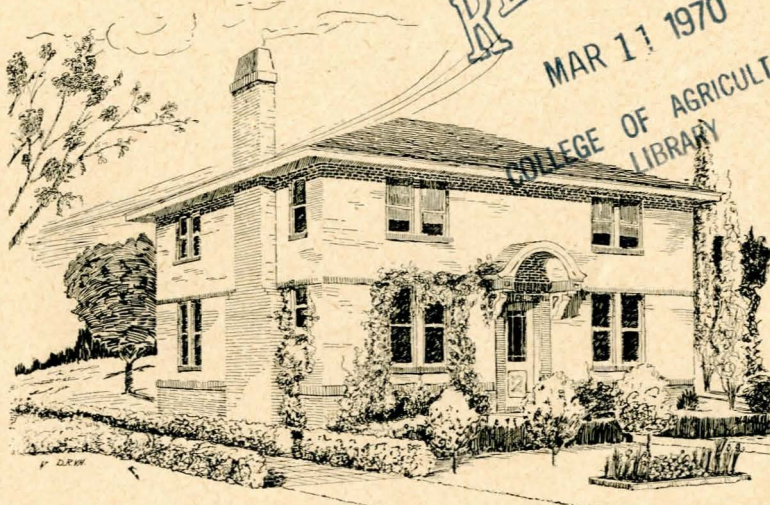
Bldgs - Farm

THE UNIVERSITY OF NEBRASKA  
AGRICULTURAL COLLEGE EXTENSION SERVICE

July, 1925

Extension Circular 722

Farm Buildings for Nebraska



No. 10.71-27

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
COOPERATING

# **Farm Buildings for Nebraska**

A description and price list of the plans prepared and  
approved by the Department of Agricultural  
Engineering, University of Nebraska,  
Agricultural College

Compiled by

IVAN D. WOOD  
State Extension Agent  
in Agricultural Engineering

R. M. LOPER  
In Charge of Drafting

Drawings and Renderings by

DALE R. VAN HORN  
O. L. POLK  
E. GRANT LANTZ  
J. O. UNTHANK  
F. H. PARR  
IVAN D. WOOD  
R. M. LOPER



## **Farm Buildings for Nebraska**

BY IVAN D. WOOD

The plans described in this circular are for buildings especially suited to corn belt conditions. Each set of plans is complete, showing elevations, floor plans, and details in such a way that the average carpenter should have little trouble in building from them. In some cases bills of material accompany the blueprints.

The purpose of the circular is to make known the sets of plans of farm structures which are now available at a small cost to any one desiring them. This small cost barely covers the expense of blueprinting and postage, but, according to a ruling by the Board of Regents, must be sent in advance before any plan may be mailed. If the prints are not satisfactory and are returned in good condition, the purchaser's money will be returned.

An attempt has been made to include in this list only such plans as may be suited to general conditions on Nebraska farms. In some instances the interior arrangement or size of the structure shown may not exactly meet the needs of the purchaser but slight rearrangements may often be made after consulting the contractor or carpenter.

Acknowledgment is given to the many Nebraska farmers who have used sets of plans issued from time to time by the Department of Agricultural Engineering and who have given many helpful suggestions which have permitted the preparation of revised plans of better design. Acknowledgment is also given to the various Subject Matter Departments of the University of Nebraska College of Agriculture whose helpful suggestions have materially aided in the preparation of these plans.

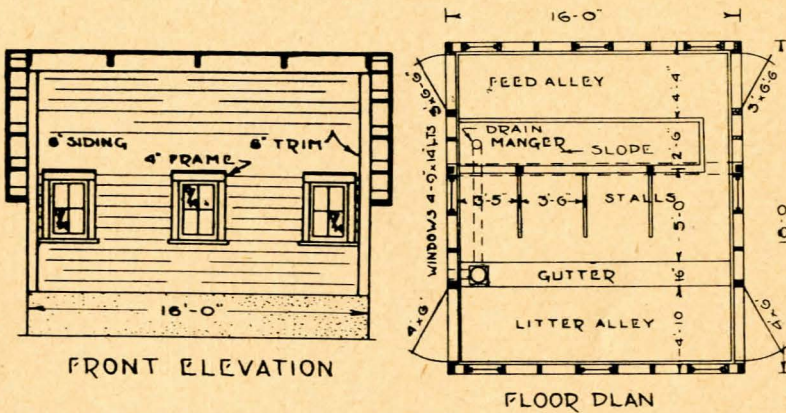
Returned prints and orders should be addressed to the:  
Department of Agricultural Engineering,  
Agricultural College,  
Lincoln, Nebraska .



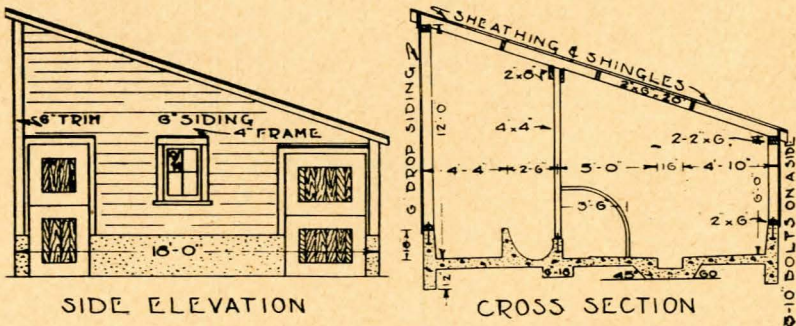


- 10.724-3 Cattle Shed—Frame, 22' x 70'.  
Two sheets.....\$ 0.20
- 10.724-4 Cattle Barn—Frame, 52' x 68'—Hay storage to floor,  
space for loose cattle, 6 box stalls, 1 grain bin, mow.  
Three sheets.....\$ 0.45

### DAIRY BARNS



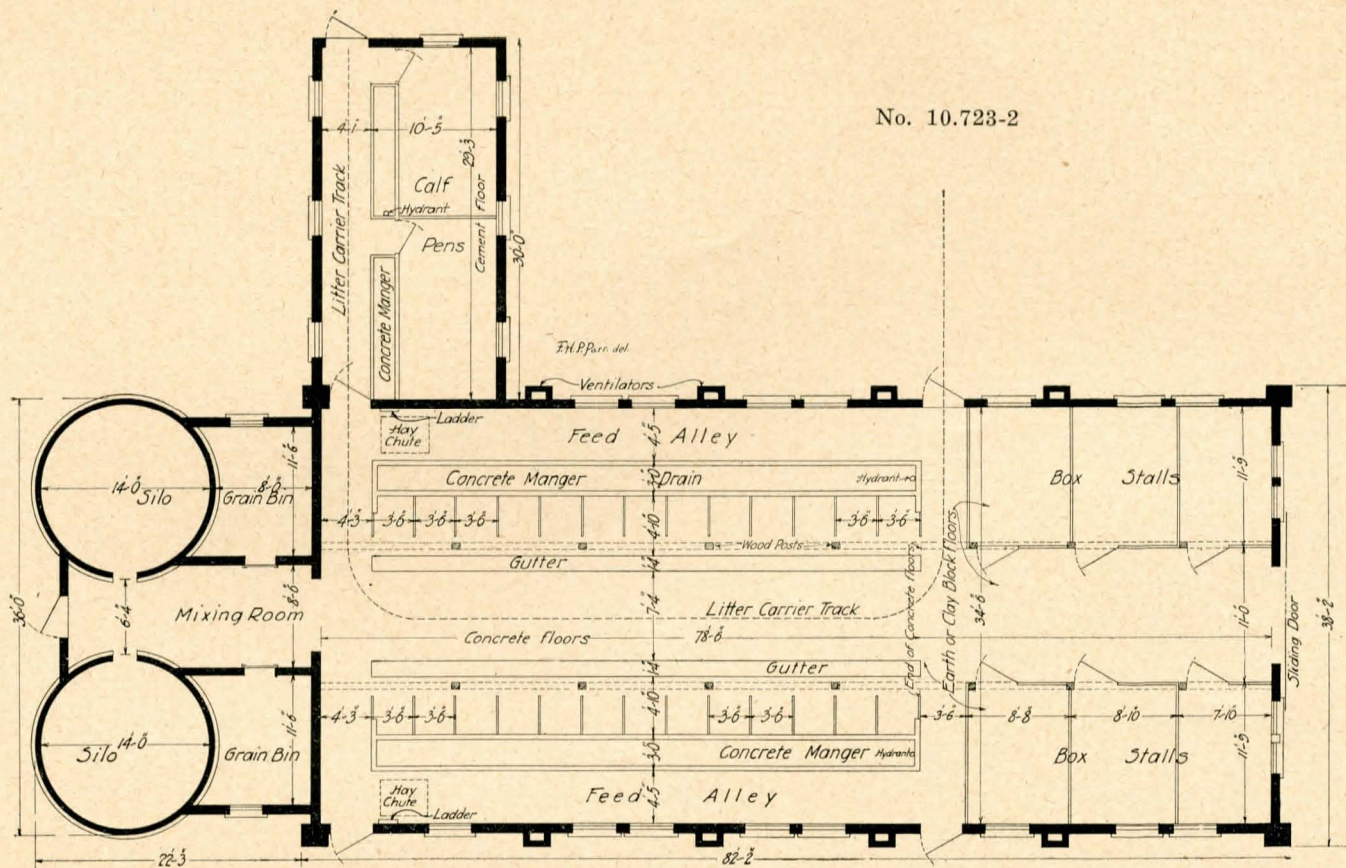
- 10.723-8 Dairy Barn—Frame, 16' x 18'—4 cows, shed type.  
One sheet.....\$ 0.15

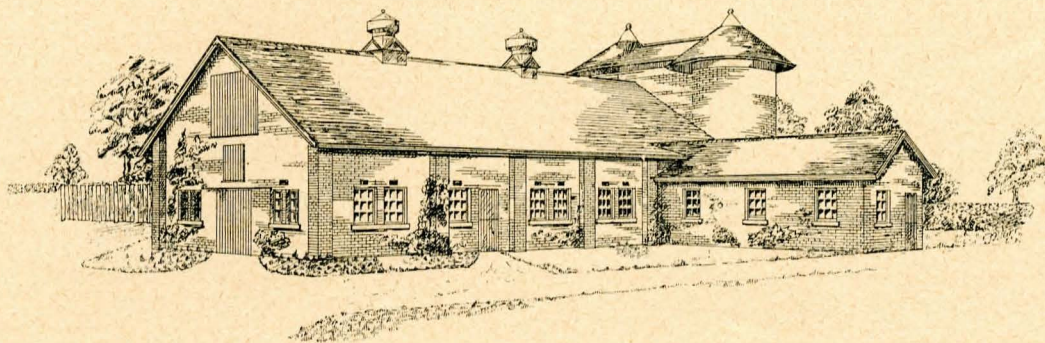




No. 10.723-2

EXTENSION CIRCULAR 722





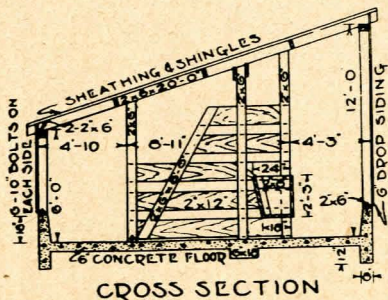
- 10.723-2 Dairy Barn—Hollow tile, 38'-2" x 82'-2"—Common gable or self-supporting roof, 26 cows, 6 box stalls for official testing, 2 silos, 2 grain bins. Twelve sheets.....\$ 1.80
- 
- 10.723-9 Dairy Barn—Frame, 18' x 32'—Shed type, 8 cows. Two sheets.....\$ 0.30
- 10.723-10 Dairy Barn—Frame, 18' x 32'—Shed type, 6 cows, 1 box stall, 1 feed room. Two sheets.....\$ 0.30



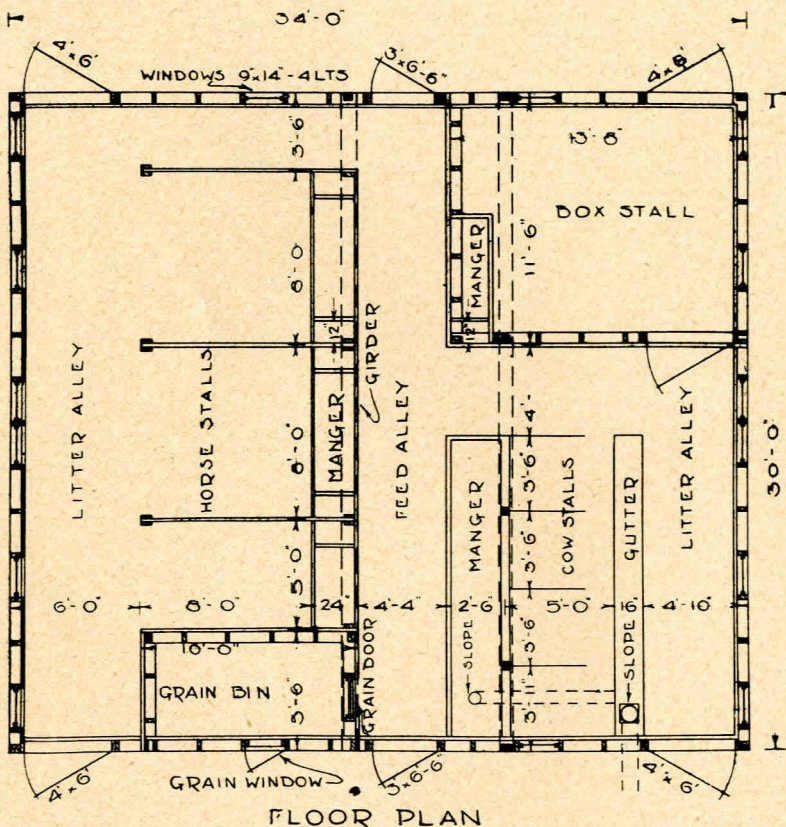


10.721-4	General Purpose Barn—Frame, 34' x 64'—8 horses, 9 cows, 2 box stalls, 1 calf pen, grain bin, separator room, engine and grinder room, harness room. Eleven sheets.....	\$ 1.65
10.721-5	Small Barn Plan—Frame, 18' x 26'—4 horses, 4 cows, no bins. Four sheets.....	\$ 0.40
10.721-8	Small General Purpose Barn—Frame, 24' x 46'—6 horses, 5 cows, 1 box stall, 1 feed bin. Eight sheets.....	\$ 0.80
10.721-9	General Purpose Barn—Frame, 40'-4" x 56'-4"—6 horses, 8 cows, 2 box stalls, 2 grain bins, harness room, hay space to floor, feeding shed attached. Seven sheets.....	\$ 1.05
10.721-10	General Purpose Barn—Frame, 36' x 66'—12 cows, 12 horses, 2 grain bins, 1 box stall. Eight sheets.....	\$ 1.20
10.721-11	General Purpose Barn—Frame, 56' x 70'—12 horses, 4 cows, 1 box stall, 2 grain bins, harness room, hay to floor. Three sheets.....	\$ 0.45
10.721-12	General Purpose Barn—Frame, 36' x 52'—6 horses, 9 cows, 3 box stalls, 1 harness room, 1 grain bin. Eight sheets.....	\$ 1.20
10.721-13	General Purpose Barn—Frame, 52' x 52'—14 cows, 15 horses, 4 grain bins, 2 box stalls. Six sheets.....	\$ 0.90
10.721-16	General Purpose Barn—Frame, 34' x 46'—10 cows, 4 horses, 2 box stalls, 2 grain bins. Six sheets.....	\$ 0.90
10.721-17	General Purpose Barn—Frame, 30' x 32'—4 horses, 5 cows, 1 box stall, 1 calf pen, 1 grain bin. Six sheets.....	\$ 0.60
10.721-18	General Purpose Barn—Clay tile, 36' x 104'—4 horses, 2 cow pens, 2 box stalls, 1 bull pen, 1 calf pen, wash room, grinder room, implement room, shelter for loose stock. Six sheets.....	\$ 0.90
10.721-20	Basement Barn—Frame, 32' x 40'—8 horses, 7 cows, room for loose stock. Six sheets.....	\$ 0.90
10.721-21	General Purpose Barn—Clay block, 36' x 61'-8"—7 horses, 8 cows, 3 calf pens, 1 box stall, 1 bull pen, 4 grain bins. Five sheets.....	\$ 0.75





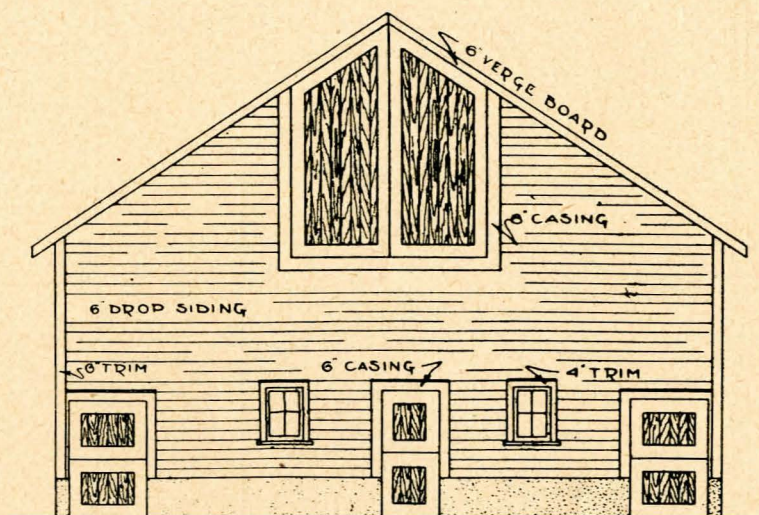
10.721-26 General Purpose Barn  
Frame, 18' x 32'—4 cows,  
4 horses, shed type.  
Two sheets.....\$ 0.30



FLOOR PLAN

- 10.721-27 General Purpose Barn—Frame, 30' x 34'—5 horses,  
and 4 cows, 1 box stall, 1 grain bin.  
10.721-28 Two sheets.....\$ 0.30

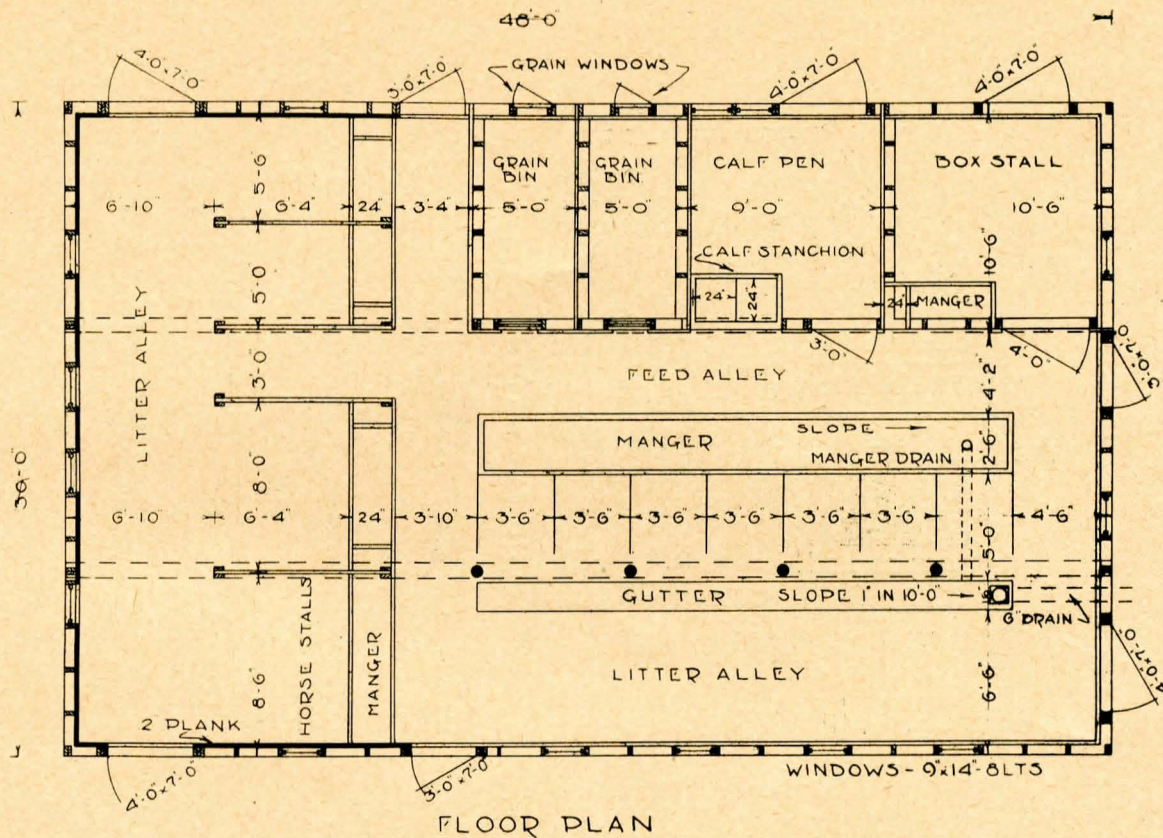




END ELEVATION

- |           |   |         |
|-----------|---|---------|
| 10.721-28 | General Purpose Barn—Frame, 30' x 34'—5 horses,<br>4 cows, 1 box stall, 1 grain bin, mow.       |         |
|           | Two sheets.....   | \$ 0.30 |
| <hr/>     |   |         |
| 10.721-29 | General Purpose Barn—Frame, 32' x 36'—5 horses,<br>8 cows, 1 grain bin, 1 silo.                 |         |
|           | Six sheets.....   | \$ 0.90 |
| 10.721-31 | General Purpose Barn—Frame, 36' x 50'—12 cows,<br>8 horses, 1 grain bin.                        |         |
|           | Six sheets.....   | \$ 0.90 |
| 10.721-32 | General Purpose Barn—Frame, 34'-2" x 46'-2"—14<br>horses, 3 cows, 2 grain bins, 1 harness room. |         |
|           | Five sheets.....  | \$ 0.75 |





10.721-30 General Purpose Barn—Frame, 30' x 48'—6 horses, 7 cows, 1 calf pen, 1 box stall,  
2 grain bins.  
Six sheets.....

\$ 0.90

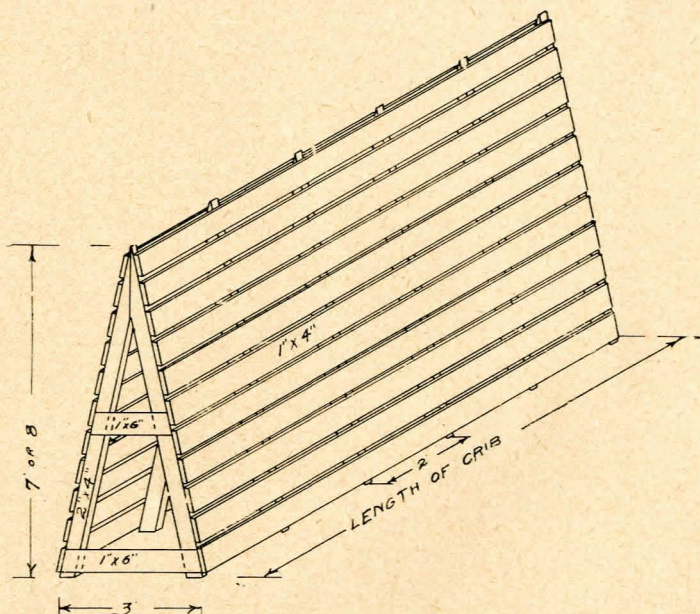
**HORSE BARNs**

- 10.722-1 Horse Barn—Frame, 36' x 56'—20 horses, 1 box stall, 1 grain bin.  
Four sheets.....\$ 0.40
- 10.722-2 Horse Barn—Frame, 34' x 36'—13 horses, 1 grain bin, 1 box stall.  
Three sheets.....\$ 0.45

**CORNCRIBS, GRANARIES, SEED ROOMS**

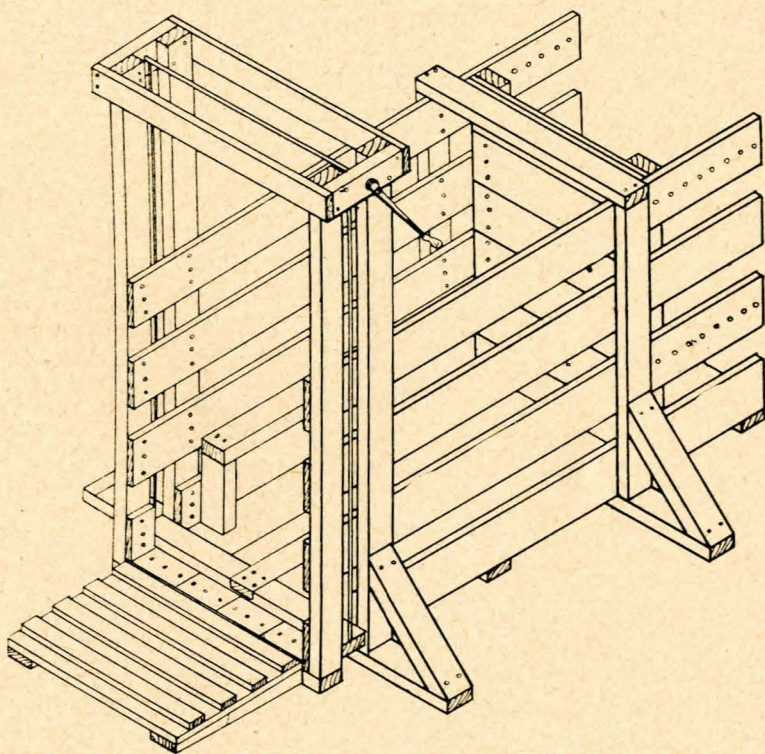
- 10.732-1 Combination Granary and Crib—Frame, 26' x 42'—Capacity 5000 bu. ear corn, 3500 bu. small grain.  
Six sheets.....\$ 0.60
- 10.732-2 Portable Grain Bin—Frame, 10' x 14'—Capacity 360 bu. ear corn, or 725 bu. small grain, mounted on skids.  
One sheet.....\$ 0.15
- 10.732-3 Cross Drive Granary—Frame, 26' x 34'—Capacity 3200 bu. ear corn, 3500 bu. small grain, driveway crosswise, 14' studding, seed room and grinder room.  
Five sheets.....\$ 0.75
- 10.732-4 Granary—Frame, 32' x 32'—Capacity 400 bu. ear corn, 500 bu. small grain, driveway lengthwise, seed room, engine room.  
Two sheets.....\$ 0.30
- 10.732-5 Granary—Frame, 30' x 38'—Capacity 5200 bu. ear corn, 6000 bu. small grain, driveway lengthwise, 18' studding, grinder room, large dump pit.  
Four sheets.....\$ 0.60
- 10.732-6 Granary—Frame, 32' x 42'—Capacity 6170 bu. ear corn, 5960 bu. shelled corn, driveway lengthwise, 18' studding, grinder room and large dump pit.  
Six sheets.....\$ 0.90
- 10.732-7 Corn Crib—Frame, 40' x 26'—Capacity 3000 bu. driveway lengthwise, 10' studding.  
Four sheets.....\$ 0.40
- 10.732-8 Corn Crib and Granary—Frame, 29' x 32'—Capacity 4100 bu. ear corn, 1950 bu. small grain, driveway lengthwise, 14' studding.  
Four sheets.....\$ 0.60





- 10.732-10 "A" Shaped Crib Ventilator—Frame, 3' wide, 7' or 8' high.  
One sheet.....\$ 0.10
- 
- 10.732-11 18' Tile Grain Elevator with Store Room, Office, and Scales, capacity given for various heights of bins.  
Six sheets.....\$ 0.90
- 10.732-12 16' Tile Grain Elevator with Store Room, Office, and Scales, capacity given for various heights of bins.  
Six sheets.....\$ 0.90

## CRATES AND CHUTES



10.776-1 Hog Breeding Crate  
One sheet.....\$ 0.15

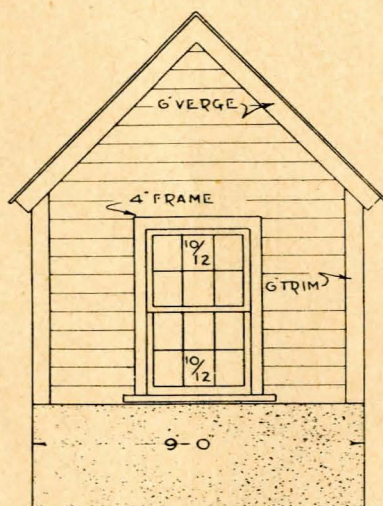
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10.776-2 Dehorning Chute  
One sheet.....\$ 0.10



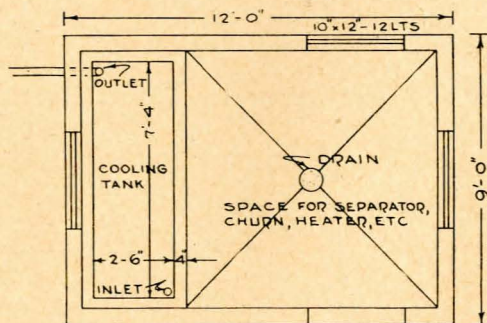
## DAIRY HOUSES AND CREAMERIES

- 10.734-1 Dairy House—Tile, 10' x 18'—Testing room and separator room.  
One sheet .....\$ 0.10



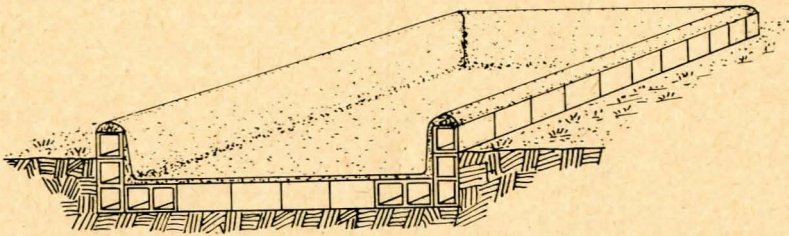
END ELEVATION

- 10.734-2 Dairy house—Frame, 9' x 12'—Cooling tank, space for separator, churn, heater, etc.  
One sheet .....\$ 0.15



FLOOR PLAN

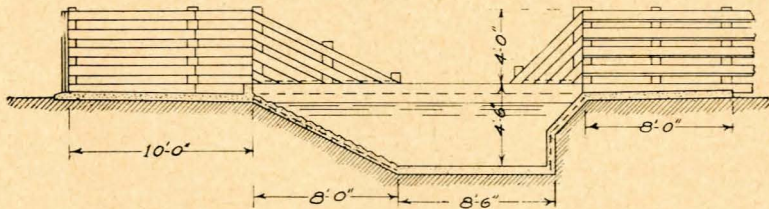
DIPPING VATS AND OILERS



*CLAY BLOCK HOG WALLOW*

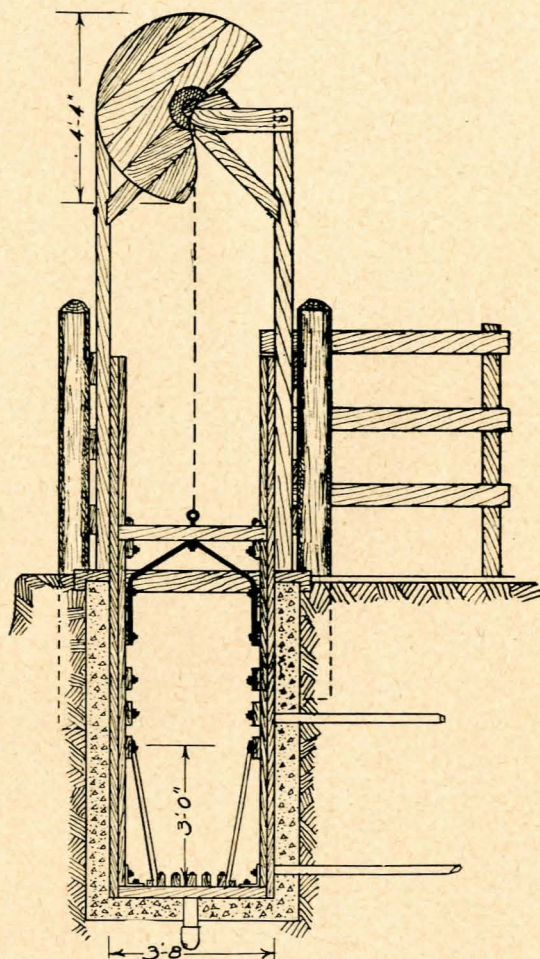
10.775-1 Clay Block Hog Wallow  
One sheet.....\$ 0.10

10.775-2 Concrete Hog Wallow  
One sheet.....\$ 0.15



10.775-5 Concrete Hog Dipping Vat  
One sheet.....\$ 0.10





10.775-3 Cage Dipping Vat for Cattle.  
Three sheets.....\$ 0.30

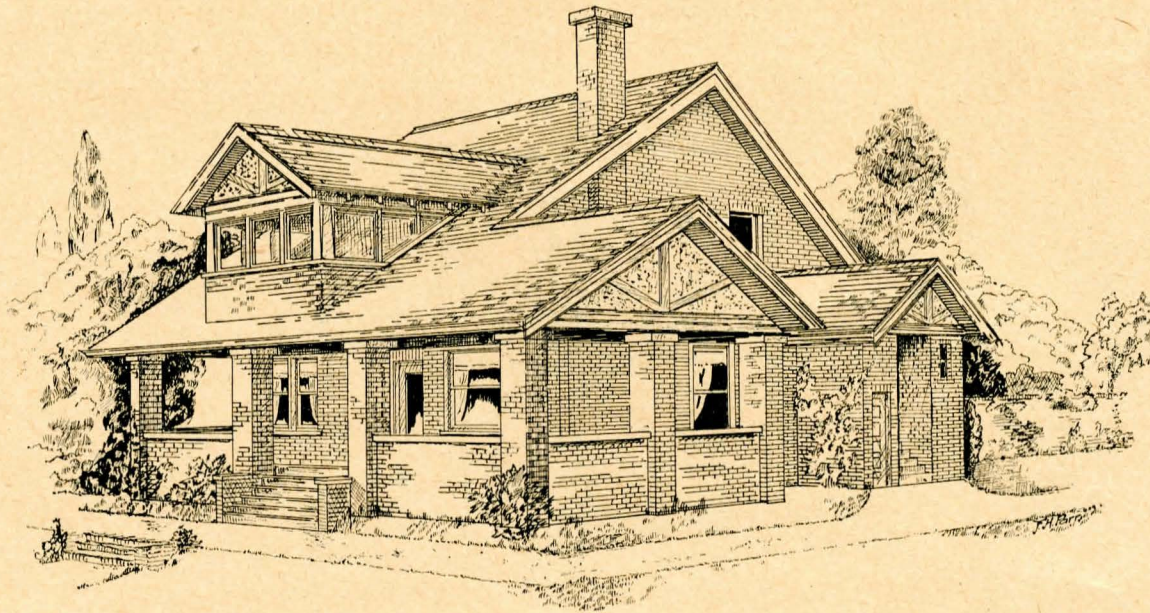
## DRAINAGE

10.222-1	Surface Intake and Outlet Guard One sheet.....	\$ 0.10
10.222-2	Surface Inlet and Silt Basin for Tile Drain One sheet.....	\$ 0.05
10.222-3	Surface Inlet One sheet.....	\$ 0.10

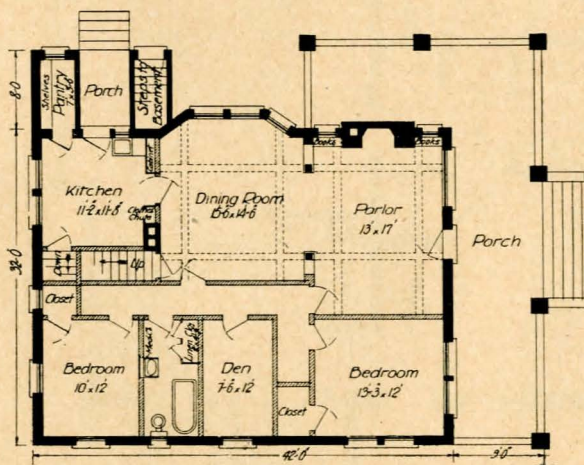
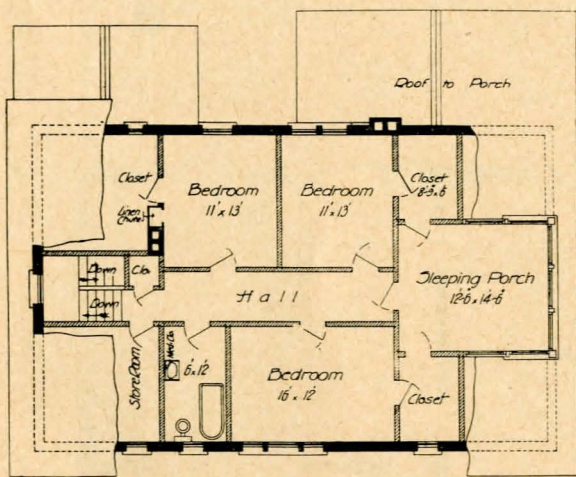
## DWELLING HOUSES

10.71-3	House—Clay block and stucco, 25' x 27'—2 stories, 6 rooms, bath and hall; suitable for east or south facing. Nine sheets.....	\$ 1.35
10.71-5	Tenant House—Frame, 24' x 26'—4 rooms; suitable for east facing, inside cellar entrance. Seven sheets.....	\$ 0.70
10.71-6	One and One-half Story Bungalow—Frame, 28' x 28' 6 rooms, bath, sleeping porch; suitable for east or south facing. Twelve sheets.....	\$ 1.20
10.71-7	Bungalow—Frame, 28' x 40'—6 rooms, bath; suitable for west facing. Seven sheets.....	\$ 0.90
10.71-8	House—Brick and stucco, 41'-6" x 48'—2 stories, 10 rooms, bath; south facing. Ten sheets.....	\$ 1.50
10.71-9	House—Brick veneer on wood, 30' x 34'—1½ stories, 7 rooms, bath; suited for east or south facing. Eight sheets.....	\$ 1.20



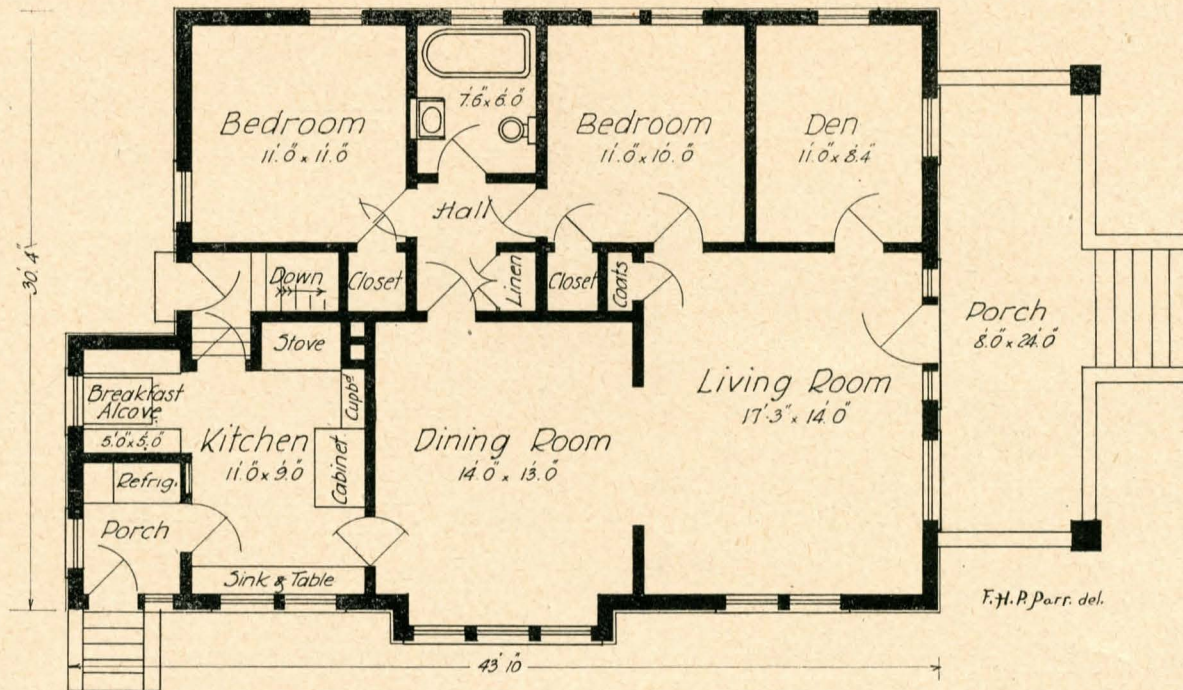


1071-10    One and One-half Story Brick Bungalow—32' x 42', 9 rooms, 2 bath rooms, sleeping porch.  
Six sheets.....\$ 0.90

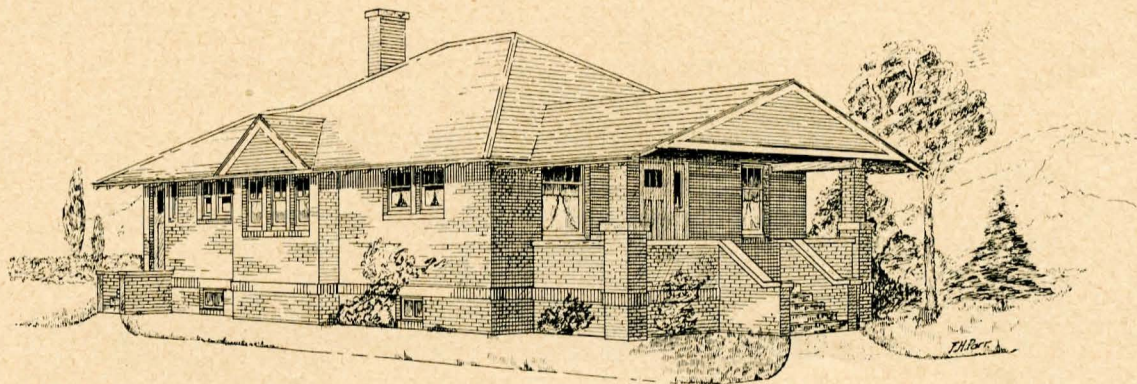


No. 10.71-10





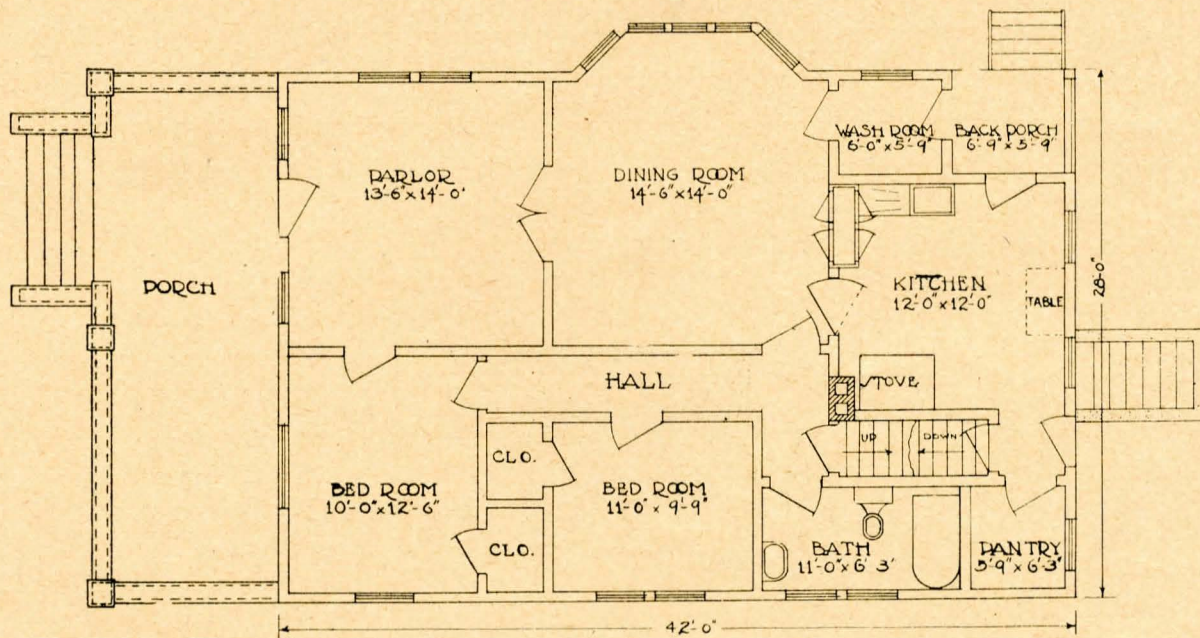
10.71-12 Bungalow—Brick, 30'-4" x 28'-4"—1 story, 6 rooms and bath; suited to east or south facing.  
 Nine sheets \$ 0.90



No. 10.71-12

- 
- 10.71-13    Farm Bungalow—Frame, 28' x 34'—1 story, 5 rooms, store room, no bath; suitable for east or south facing.  
 Seven sheets.....\$ 0.70
- 10.71-14    House—Frame, 32' x 46'—2 stories, eight rooms, wash room and bath; north facing.  
 Nine sheets.....\$ 0.90

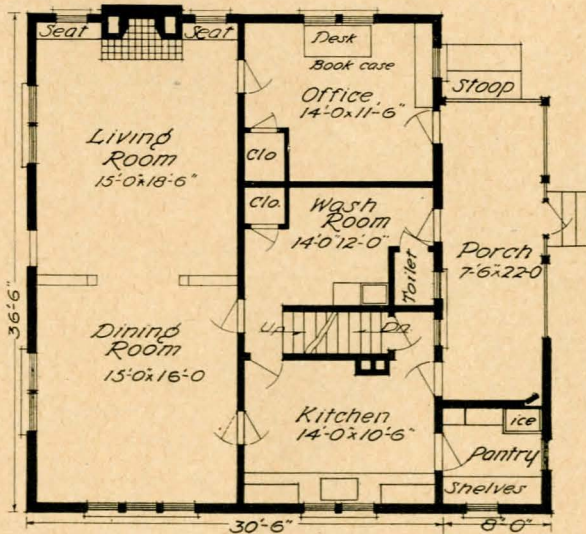




FIRST FLOOR PLAN

10.71-15 Residence—28' x 42'—1½ stories, 8 rooms and bath, downstairs wash room; south facing.  
 Eight sheets.....\$ 0.80

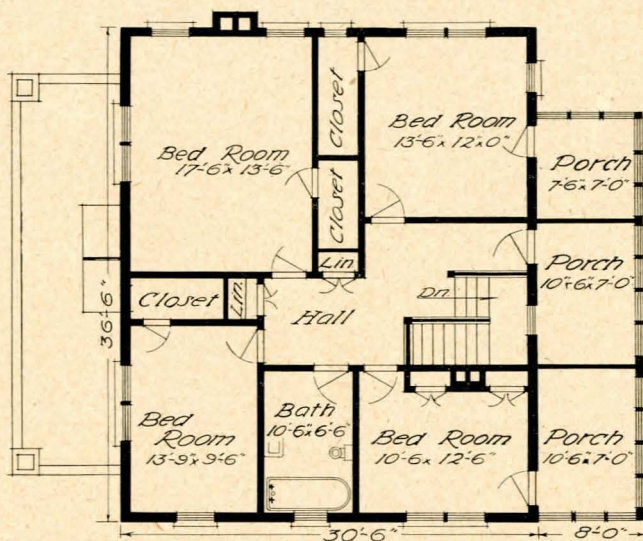
- 10.71-17 Tenant House—Frame, 24' x 26'—1 story, 4 rooms,  
no bath, outside cellar entrance; east facing.  
Seven sheets.....\$ 0.70
- 10.71-22 Farm Bungalow—Frame, 28' x 38'—1½ stories, 6  
rooms, bath, back sleeping porch; east facing.  
Six sheets.....\$ 0.60
- 10.71-23 House—Frame, 26' x 30'—2 stories, 8 rooms with  
bath and wash room on first floor; south facing.  
Eight sheets.....\$ 0.80
- 10.71-24 Dutch Colonial—Frame, 26' x 24'—8 rooms with  
bath on first floor; south and east facing.  
Four sheets.....\$ 0.40
- 10.71-25 Bungalow—Frame, 32' x 36'—1½ stories, 6 rooms,  
with bath; south facing.  
Four sheets.....\$ 0.40
- 10.71-26 Bungalow—Frame, 32' x 44'—8 rooms, bath, wash  
room; east facing.  
Nine sheets.....\$ 0.90



FIRST FLOOR PLAN

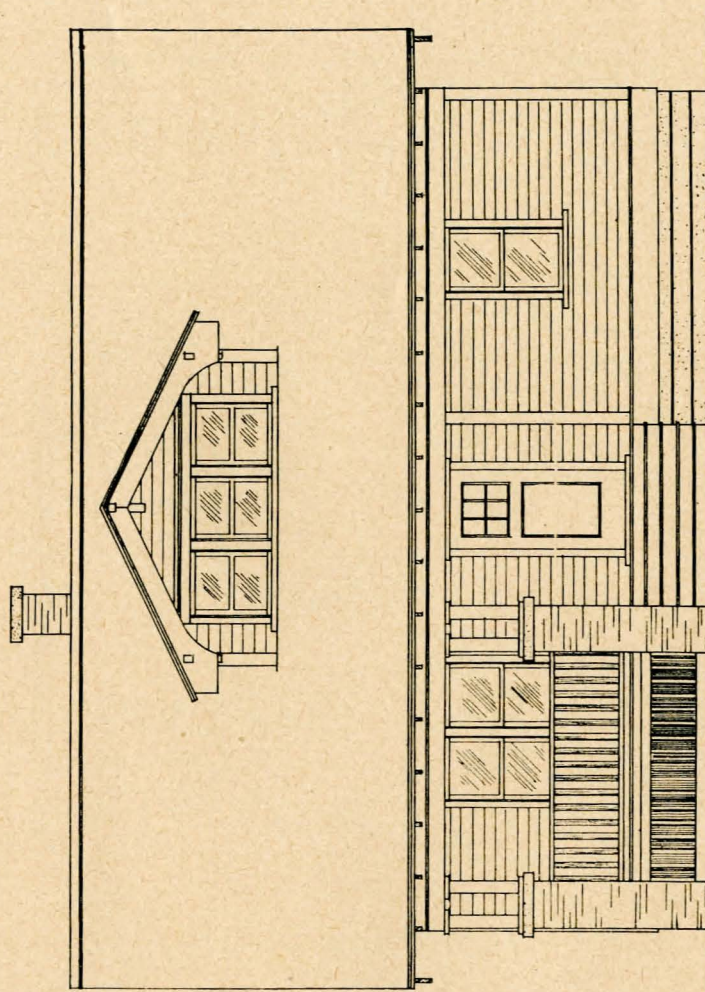
No. 10.71-27





### SECOND FLOOR PLAN

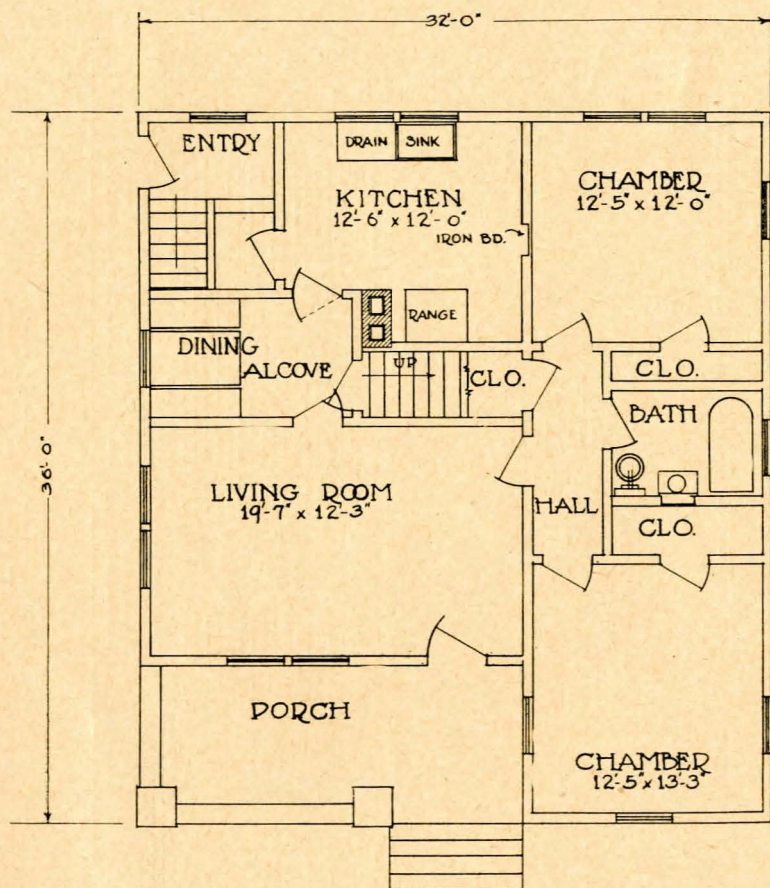
- 10.71-27 Two Story Brick House—30' x 36'—10 rooms including office, washroom and bath. Also sleeping porch.  
Fourteen sheets.....\$ 1.40
- 
- 10.71-28 Colonial—Frame, 28' x 38'—8 rooms, bath, wash-room; south and west facing.  
Ten sheets.....\$ 1.50
- 10.71-30 Bungalow—Stucco over clay block, 32' x 38'—1 story, 6 rooms, bath; east facing.  
Nine sheets.....\$ 0.90
- 10.71-39 Nebraska Farm Kitchen—Shows arrangement of kitchen equipment for most efficient work.  
One sheet.....\$ 0.10
- 10.71-40 Canning Kitchen—Suitable for public institutions.  
One sheet.....\$ 0.10



FRONT ELEVATION

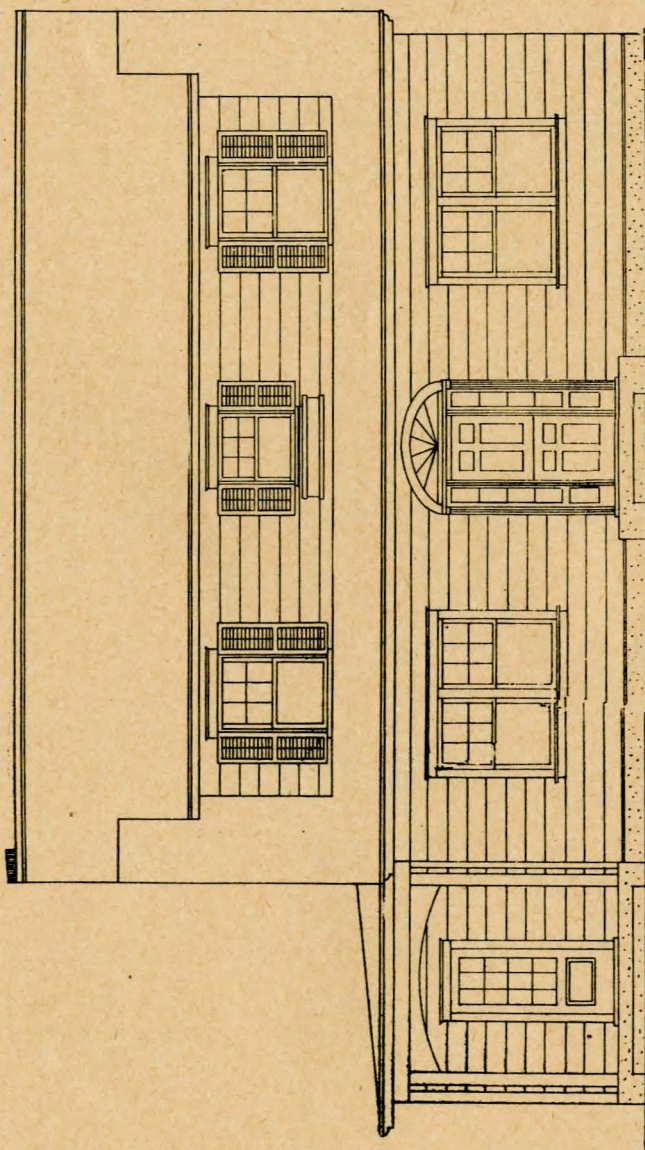
No. 10.71-32





FIRST FLOOR PLAN

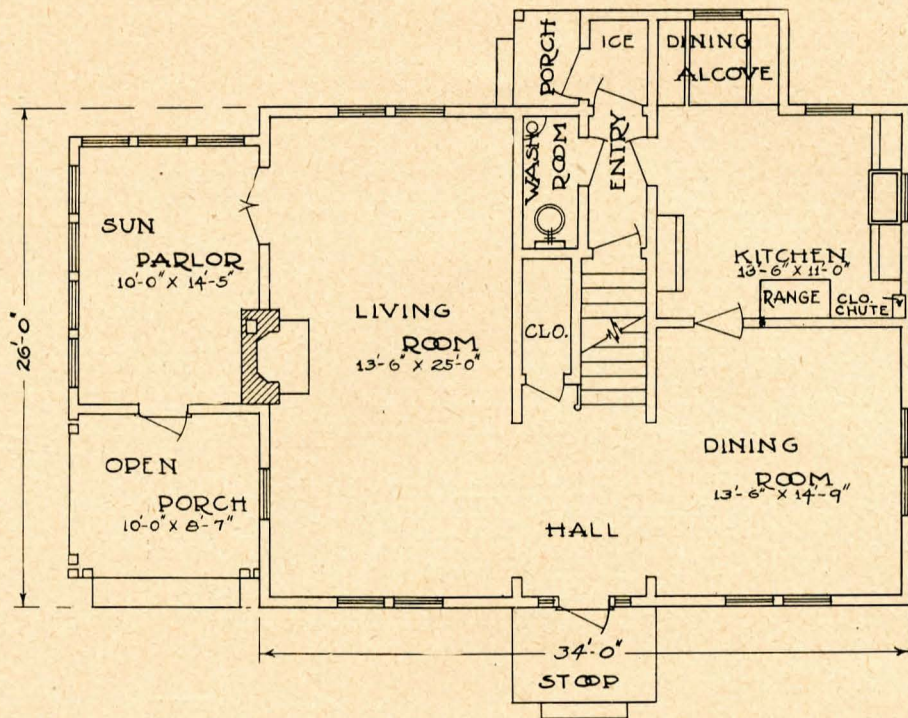
10.71-32 Bungalow—Frame, 32' x 36'—4 rooms, dining alcove, bath.  
 Six sheets.....\$ 0.90



FRONT ELEVATION

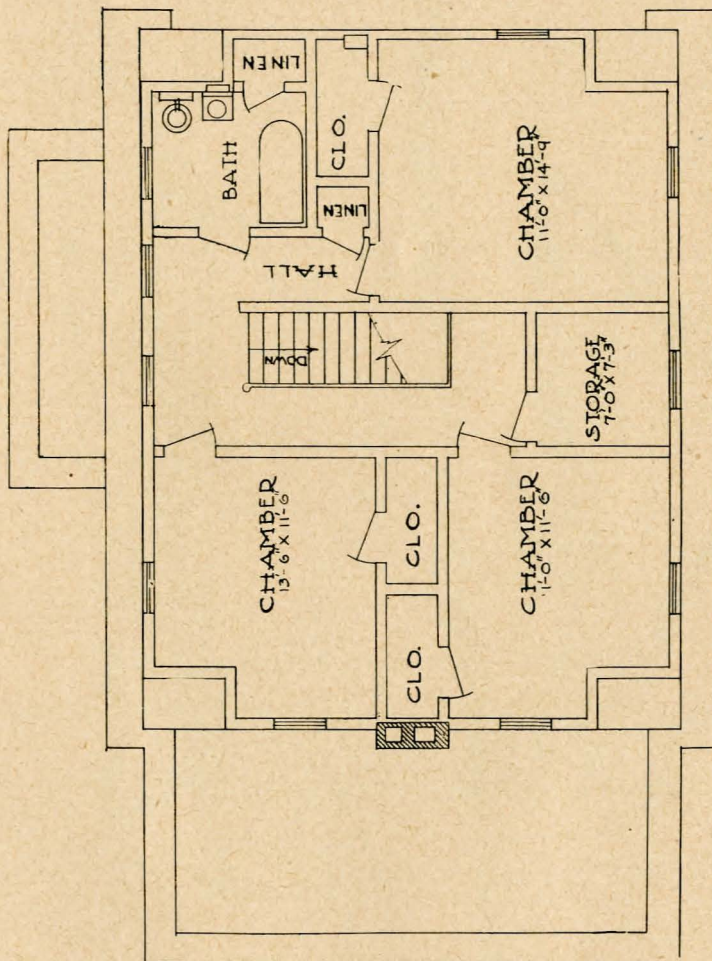
10.71-35





FIRST FLOOR PLAN

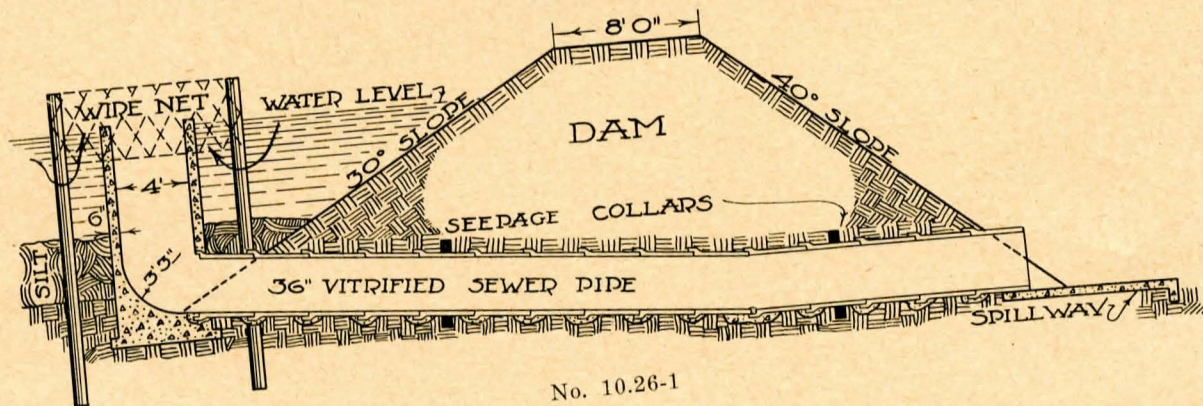
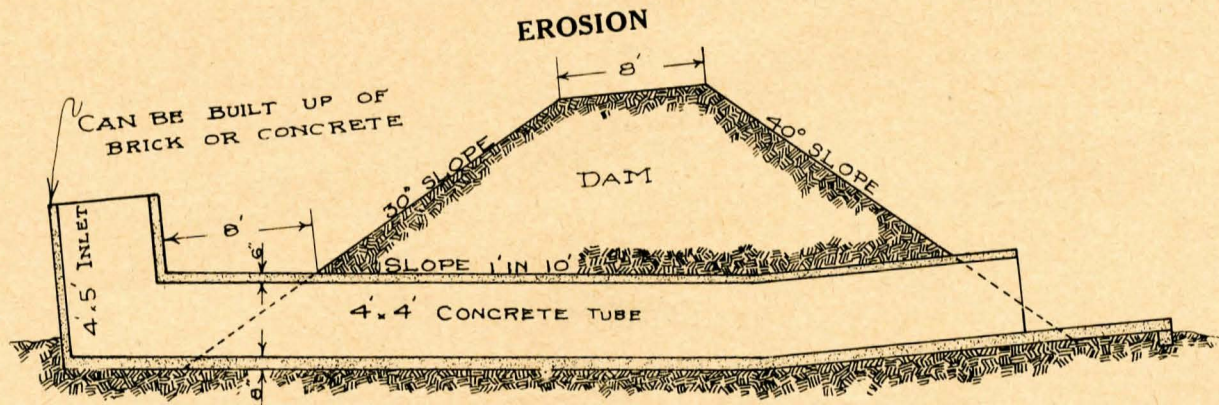
- 10.71-35 Colonial—Frame, 26' x 34'—7 rooms, sun parlor, dining alcove,  
washroom first floor; bath, storage rooms on second floor.  
Six sheets.....\$ 0.90

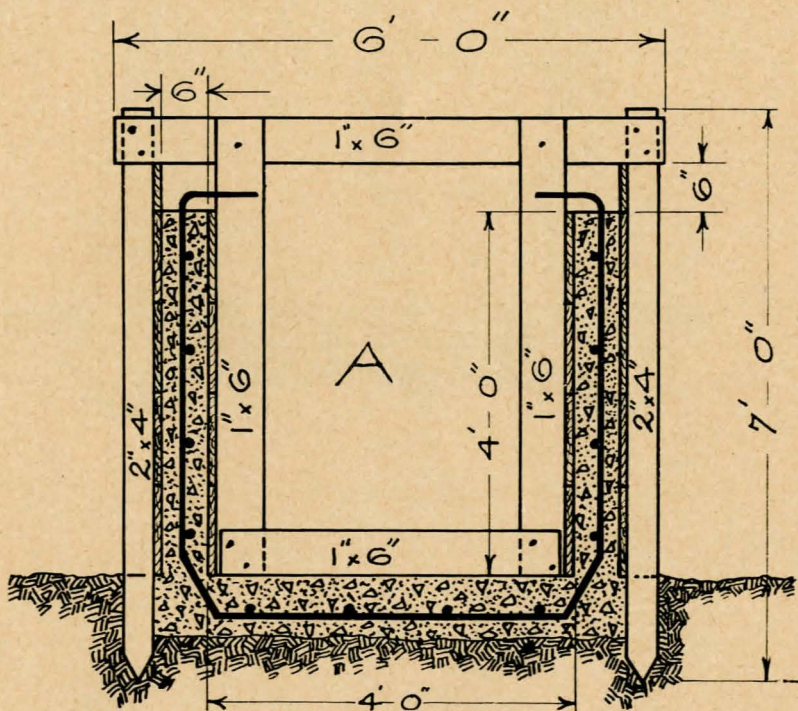


SECOND FLOOR PLAN

No. 10.71-35







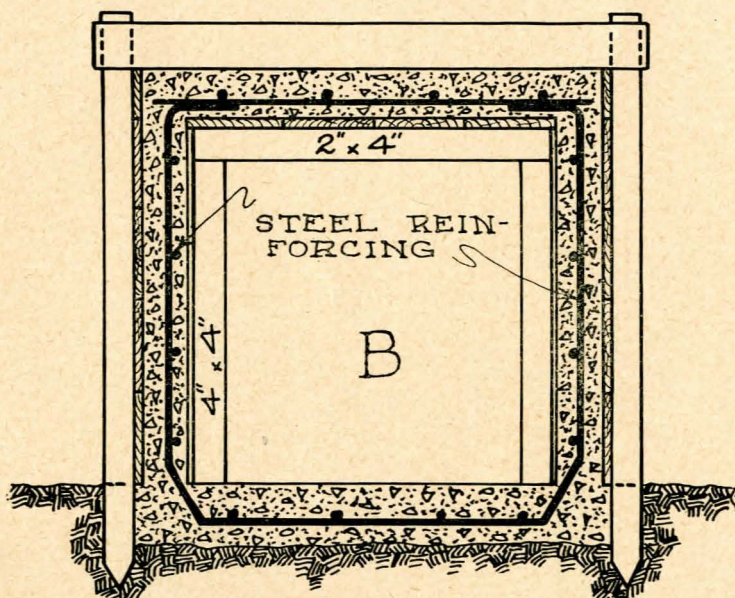
10.26-1

Soil Saving Dam of Earth with Concrete Tube.

Two sheets.....

\$ 0.20





10.26-1

- 10.26-6 Terracing Implement—Level and Drag.  
One sheet ..... \$ 0.15

### FAIR GROUNDS LAYOUT

- 10.7911-2 Antelope County Fairgrounds Layout—Shows combinations of six hog houses and sale pavilion. Also gives entrance and exit roads, airplane landing field, and parking space.  
Two sheets..... \$ 0.30
- 10.7911-4 Burwell Fairgrounds Layout—Shows half mile trotting track, grand stand, speed barn, also arrangement of hog and cattle barns. Main Agricultural Building and landscaping is indicated.  
Two sheets..... \$ 0.30

- 10.7911-5 Wayne County Fairgrounds Layout—Shows location of the following buildings: Agricultural Hall, Fine Arts, Judging Pavilion, Hog Barn, Horse Barn, Cattle Barn, Dining Room, Grand Stand, Speed Barn, Rest Room, Poultry Barn; also half mile trotting track.  
Five sheets.....\$ 0.75
- 10.7911-6 Walthill Fairgrounds Layout—Shows location of Hog Barns, Horse Barns, Grand Stand, Sale Pavilion, American Legion Hall; also shows possibilities of landscaping.  
One sheet.....\$ 0.10

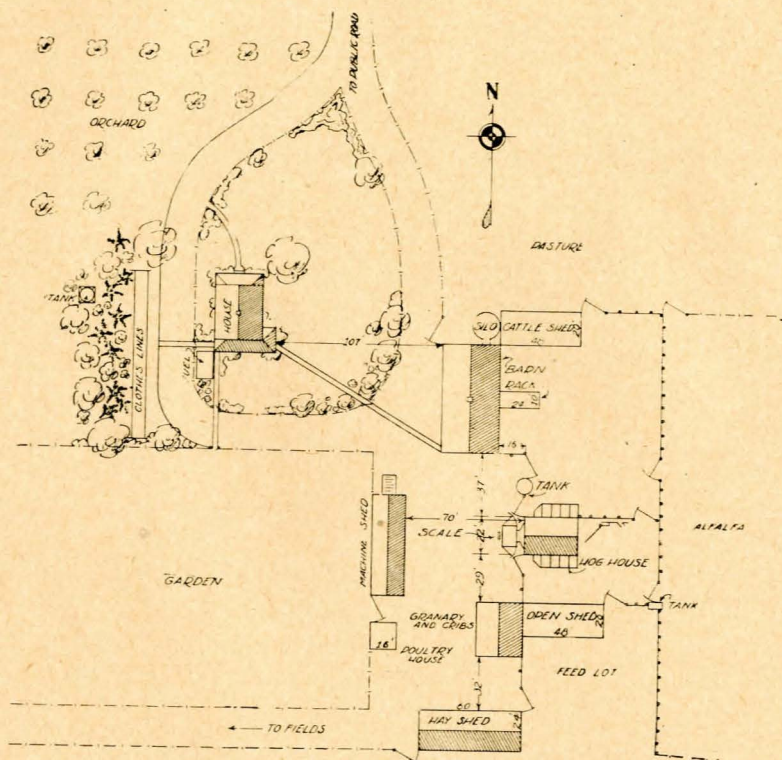
## FAIR BUILDINGS

- 10.7912-1 Poultry Exhibit Building—Stucco and frame, 24' x 64'—80 standard coops.  
Three sheets.....\$ 0.45
- 10.7912-2 Hog Barn—Stucco and frame, 24' x 96'—32 pens.  
Four sheets.....\$ 0.60
- 10.7912-3 Cattle Barn—Stucco and frame, 34' x 61'—12 double stalls, 2 box stalls.  
Four sheets.....\$ 0.60
- 10.7912-4 Agricultural Hall—Frame, 40' x 80'—Display shelf full length of each side and 2 display shelves in center, 1 story.  
Four sheets.....\$ 0.60
- 10.7912-5 Agricultural Hall—Stucco and frame—Shape of cross, each arm 40' x 40', 1 story, 32 booths, 10' x 12'.  
Five sheets.....\$ 0.75
- 10.7912-6 Agricultural Hall—Frame, 60' x 90'—2 stories, full basement with dining room, kitchen, locker and shower room, and check stand.  
Twelve sheets.....\$ 1.80

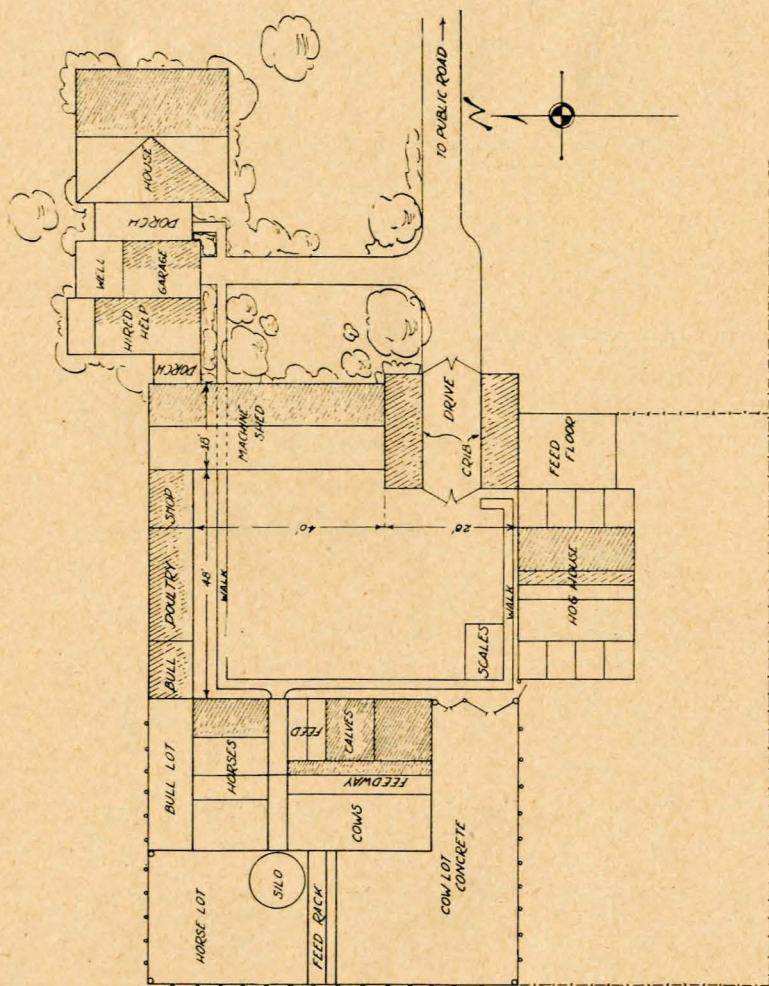


## FARMSTEADS

- 10.76-2 General Purpose Farmstead for Irrigated Farm—  
North facing, 160 acres.  
One sheet.....\$ 0.15



- 10.76-3 Nebraska Farmstead No. 1—North facing, typical  
arrangement for average Nebraska farm.  
One sheet.....\$ 0.15



107.6-9

Nebraska Farmstead No. 2—East facing; Compact arrangement of buildings, suited to fire proof materials.

One sheet.....\$ 0.15



10.76-5	South Facing Farmstead—Typical for average Nebraska farm. One sheet.....	\$ 0.15
10.76-10	South Facing Farmstead—Particularly adapted to dairy farming. One sheet.....	\$ 0.15
10.76-25	South Facing Farmstead—Buildings to north and west of residence, designed for hog raising. One sheet.....	\$ 0.15
10.76-28	East Facing Farmstead—Compact arrangement for general purpose farming, buildings south and west of house, designed for southwest slope. One sheet.....	\$ 0.15
10.76-39	East Facing Farmstead—Ranch farmstead with large corrals and feed lots. One sheet.....	\$ 0.15
10.76-48	North Facing Farmstead—Designed for east slope, buildings southeast of house, shows complete landscaping. One sheet.....	\$ 0.15
10.76-64	East Facing Farmstead—General purpose, designed for northwest slope. One sheet.....	\$ 0.15
10.76-69	West Facing Farmstead—Designed for south slope, buildings southeast of house, general purpose. One sheet.....	\$ 0.15
10.76-74	South Facing Farmstead for East Slope—General purpose, buildings typical for Nebraska 160 acre farm. One sheet.....	\$ 0.15
10.76-84	South Facing Farmstead—General purpose, designed for top of knoll. One sheet.....	\$ 0.15
10.76-97	North Facing Farmstead—Designed particularly for hog raising—shows sheep yards and arrangement for large poultry yards. One sheet.....	\$ 0.15
10.76-103	South Facing Farmstead—Designed for west slope, buildings north of house. One sheet.....	\$ 0.15
10.76-106	South Facing Farmstead—Particularly suited for cattle feeding, shows windbreak and yard arrangement for stock cattle. One sheet.....	\$ 0.15

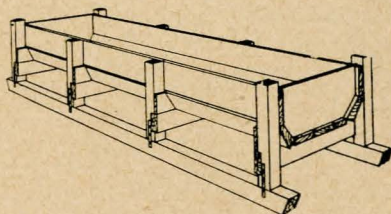


- 10.76-114 North Facing Farmstead—General purpose—Designed for east slope, especially adapted for poultry raising.  
One sheet.....\$ 0.15
- 10.76-135 West Facing Farmstead—General purpose—Colonial house well back from the road.  
One sheet.....\$ 0.15

## FEEDERS

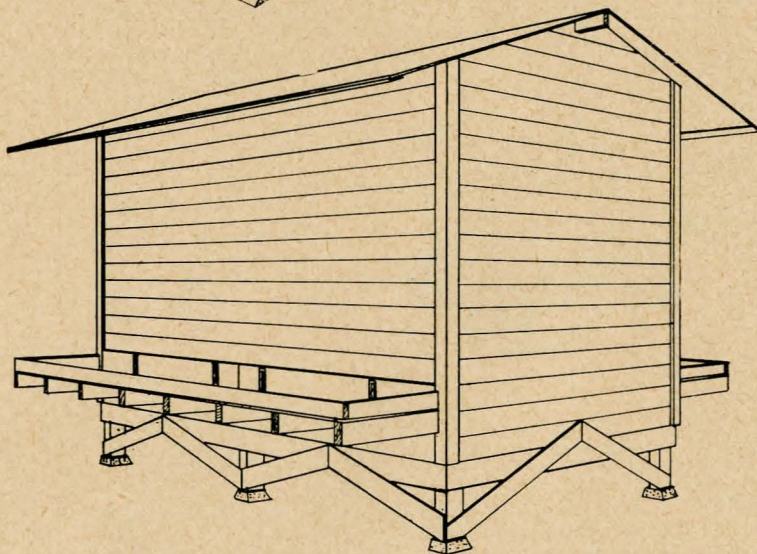
### POULTRY FEEDERS

- 10.7727-1 Poultry Feeder—Dry mash, outdoor, grit and shell feeders.  
One sheet.....\$ 0.10
- 10.7727-2 Poultry Feeder—2' x 3' 8".  
One sheet.....\$ 0.15



### CATTLE FEEDERS

- 10.7724-1 Feed Bunk—Portable.  
One sheet.....\$ 0.15



- 10.7724-2 Self Feeder for Cattle—8' x 14'—Capacity 630 bushels.  
One sheet.....\$ 0.15

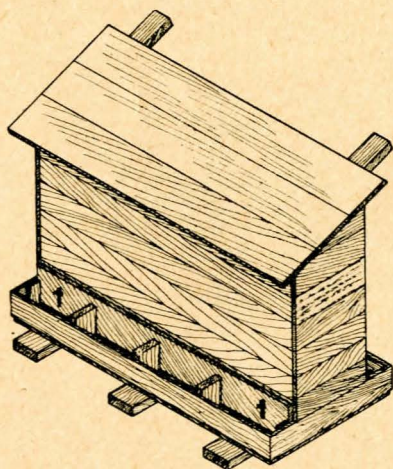


**SHEEP FEEDERS**

10.7725-1	Reversible Trough.	
	One sheet.....	\$ 0.10
10.7725-2	Grain Bunk—Low down type—for corn and oil meal.	
	One sheet.....	\$ 0.10
10.7725-3	Grain Bunk for Sheep.	
	One sheet.....	\$ 0.10

**HOG FEEDERS**

10.7726-1	Self Feeder for Hogs—Iowa type, double side feeder; portable, two doors on top.	
	One sheet.....	\$ 0.15
10.7726-2	Self Feeder for Hogs—Iowa type, single side feeder; portable, single door on top.	
	One sheet.....	\$ 0.15



10.7726-3 Self Feeder for Hogs — Portable, double side feeders, removable partition for feeding tankage, single door on top.  
Two sheets.....\$ 0.20

10.7726-4	Self Feeder for Hogs—6' x 16'—Two bins, concrete base, stationary.	
	One sheet.....	\$ 0.15
10.7726-5	Self Feeder for Hogs—6' x 14'—Portable.	
	One sheet.....	\$ 0.15

**FEED RACKS****CATTLE FEED RACKS**

10.7734-1	Hay Feed Rack—Portable. One sheet.....	\$ 0.10
10.7734-2	Hay Feed Rack—Portable . One sheet.....	\$ 0.10

**SHEEP FEED RACKS**

10.7735-1	Hay Rack—Horizontal type. One sheet.....	\$ 0.10
10.7735-2	Portable Sheep Rack. One sheet.....	\$ 0.10
10.7735-3	Hay Rack for Sheep. One sheet.....	\$ 0.10
10.7735-4	Hay and Grain Rack for Sheep. One sheet.....	\$ 0.10

**HOG FEED RACK**

10.7736-1	Alfalfa Feed Rack—Portable. One sheet.....	\$ 0.10
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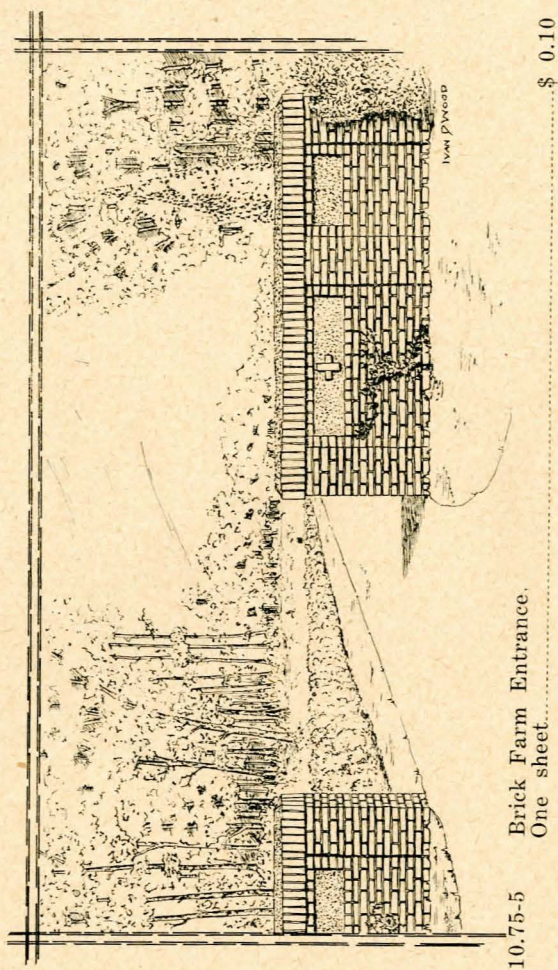
**FEEDING FLOORS AND YARDS**

10.724-2	Sheep Shearing Pens—Pens, shearing platform, engine room. One sheet.....	\$ 0.10
10.724-3	Sheep Feeding Yards—288' square. One sheet.....	\$ 0.10
10.724-4	Small Sheep Yard—96' x 144' One sheet.....	\$ 0.10
10.724-6	Movable Sheep Pen. One sheet.....	\$ 0.10

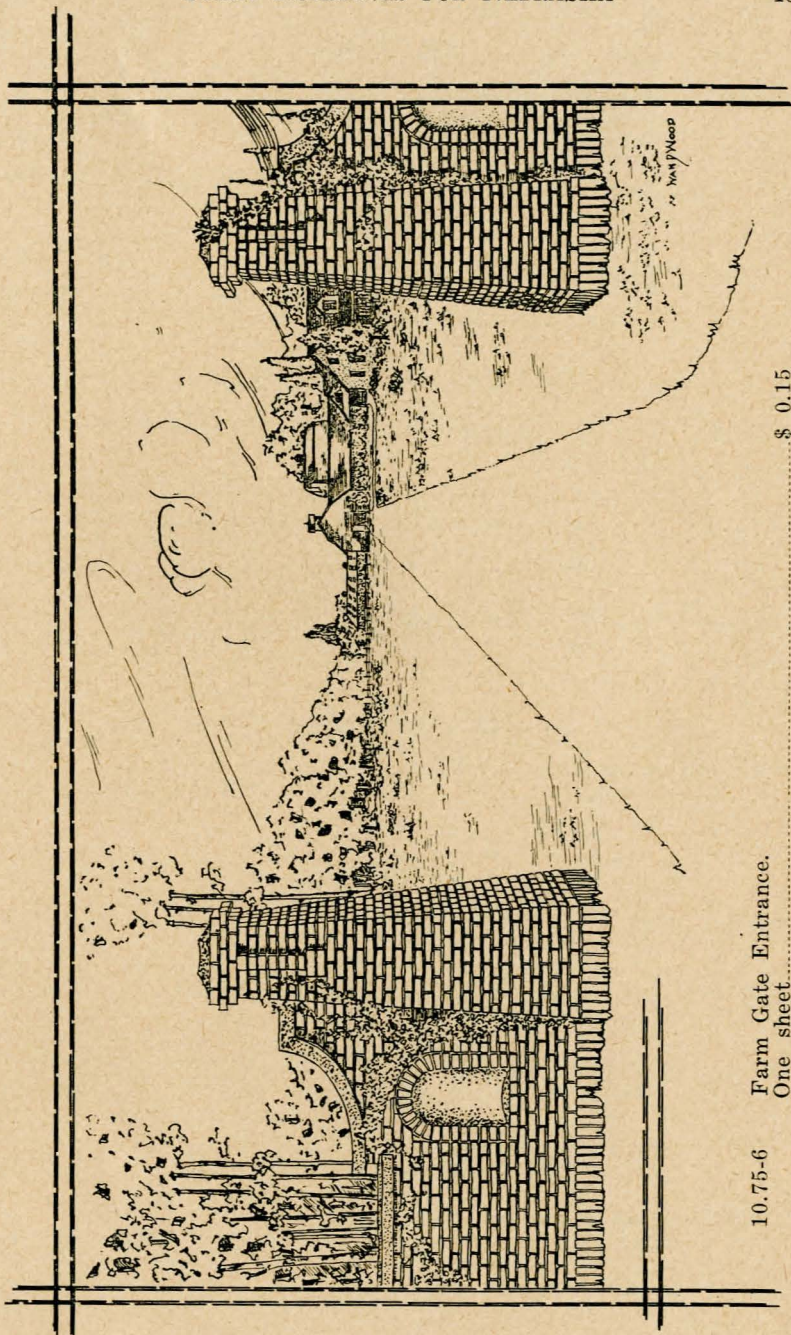
**FENCES**

10.75-1	Mould for Concrete Fence Posts. One sheet.....	\$ 0.10
10.75-4	Brick Farm Entrance. One sheet.....	\$ 0.10









10.75-6 Farm Gate Entrance.  
One sheet.....

\$ 0.15



**FILTERS**

- 10.872-1 Rainwater Filter—5'-2" x 2'-2" x 2'-1", deep—Concrete compartments for gravel, charcoal, and sand.  
One sheet.....\$ 0.10

**FUEL HOUSES**

- 10.743-1 Tile Fuel House—13'-1" x 10'-5".  
Two sheets.....\$ 0.20

**HAY BARNs AND SHEDS**

- 10.731-2 Pole Hay Shed—Frame, 24' x 60'—18' posts, feeding shed attached.  
Two sheets.....\$ 0.20
- 10.731-4 Hay Barn and Shed—Frame, 40' x 84'—16' shed on 2 sides.  
Two sheets.....\$ 0.30
- 10.731-5 Standard 36' Cross-Section.  
One sheet.....\$ 0.10

**HAY STACKER**

- 10.41134-1 Home Made Hay Stacker.  
One sheet.....\$ 0.10

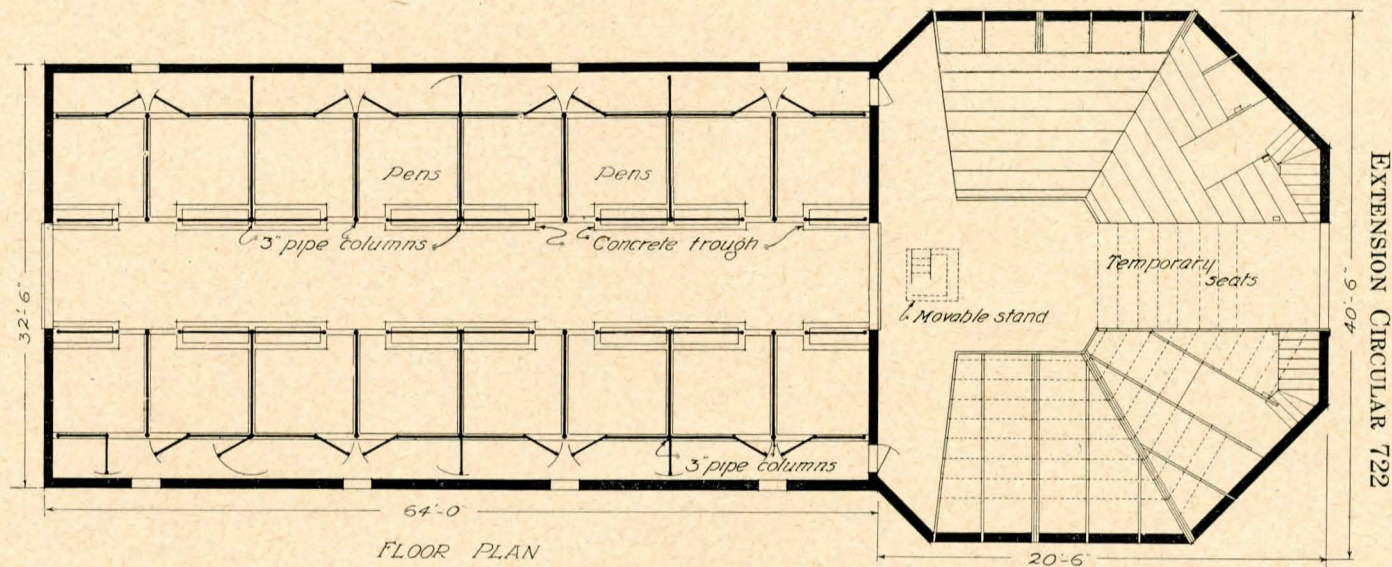
**HITCHES**

- 10.421-1 Five Horse Doubletree.  
One sheet.....\$ 0.15
- 10.421-2 Four Horse Equalizer for Gang Plow.  
One sheet.....\$ .05
- 10.421-3 Five Horse Evener.  
One sheet.....\$ 0.10
- 10.421-4 Five Horse Evener.  
One sheet.....\$ 0.05
- 10.421-5 Three Horse Evener for Wagon.  
One sheet.....\$ 0.05

## HOG HOUSES

10.726-1	Portable Hog House—Frame, 6' x 8'. Two sheets.....	\$ 0.20
10.726-2	Hog House—Frame, 22' x 32'—North and south type, 9 pens, grain bin, and loft. Nine sheets.....	\$ 1.35
10.726-3	Nebraska Hog House—Frame, 22' x 32'—Concrete floor, north and south type, 9 pens, no loft. Eight sheets.....	\$ 1.20
10.726-5	Nebraska Hog House No. 4, 7' x 8'—Portable type, "A" shaped. One sheet.....	\$ 0.15
10.726-10	Nebraska Hog House No. 5—Clay block, 22' x 32' North and south type with loft. Ten sheets.....	\$ 1.50
10.726-11	Nebraska Hog House No. 6—Clay block, 22' x 32'— 9 pens, 2 grain bins, 4' alley, windows in side, north and south type. Eight sheets.....	\$ 1.20
10.726-14	Clay Block Hog House—23' x 50'-3"—North and south type, 14 pens, grain bin, bunk room, 4' alley. Three sheets.....	\$ 0.45
10.726-15	Half-monitor Hog House—Frame, 20' x 22'. One sheet.....	\$ 0.10
10.726-16	Nebraska Hog House No. 7—Frame, 6' x 8'—Portable. One sheet.....	\$ 0.15

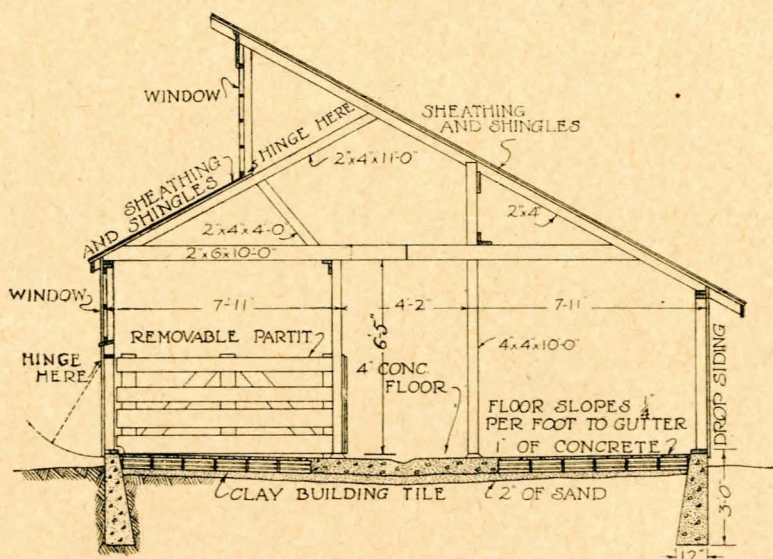




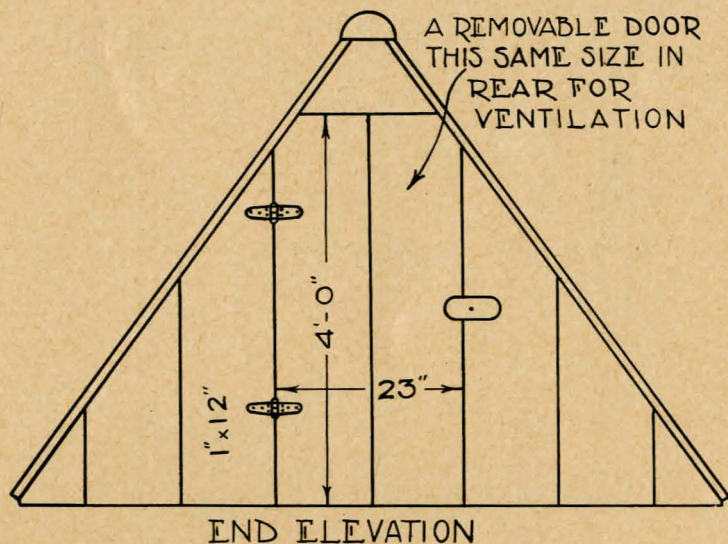
- 10.726-17 Wide Hog House—Clay block, 32'-6" x 64', plus a sales pavilion—North and south type, 16 pens, 3 alleys.  
 Eight sheets.....\$ 1.20



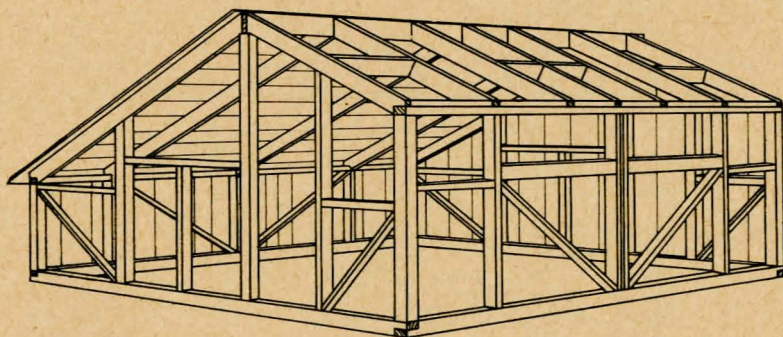




- 10.726-19 South Facing Colony Hog House—Frame, 20' x 30'—  
East and west type, half monitor, 10 pens.  
Nine sheets.....\$ 0.90
- 
- 10.726-21 Gambrel Roof, South Facing Hog House—Tile,  
20'-6" x 61'-10"—20 pens, 4' alley, 2 rows of roof  
windows in south roof.  
Three sheets.....\$ 0.45
- 10.726-23 Two-Sow Hog House—Frame, 7' x 12'—Portable,  
solid partition in center.  
One sheet.....\$ 0.15

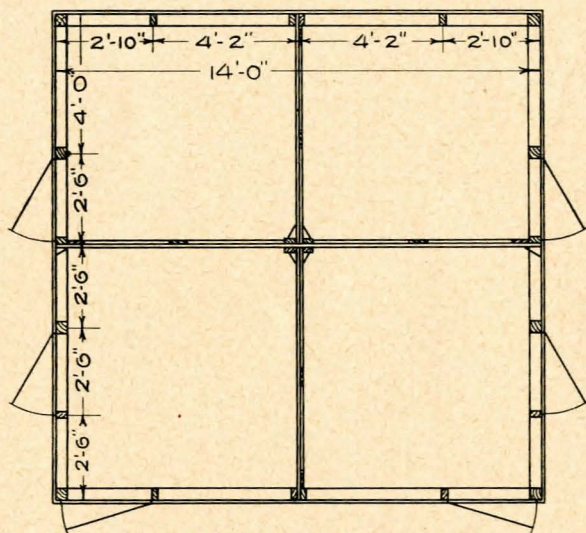


- 10.726-22 Whisenand Individual Hog House—6' x 7'—"A"  
type, Portable.  
One sheet.....\$ 0.15



- 10.726-24 Clay County Type Hog House—Frame, 14' x 14'  
Four unit.  
One sheet.....\$ 0.15





FLOOR PLAN

No. 10.726-24

### HOME CONVENIENCES

- 10.711-1 Dumb Waiter.  
Two sheets.....\$ 0.20

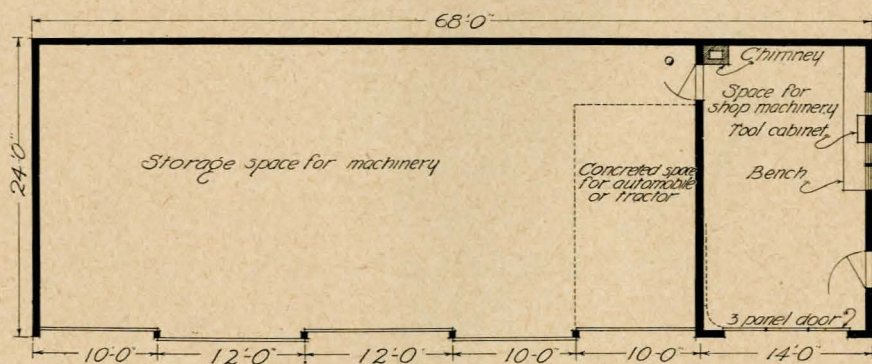
### ICE HOUSES AND ICE EQUIPMENT

- 10.745-1 Ice House and Cooler—Ice compartment 10' x 11', concrete cooling cellar 6'-6" x 11', underground with frame roof.  
Two sheets.....\$ 0.30
- 10.745-2 Butcher, Smoke, and Ice House—14' x 30'—Ice compartment 12' x 12', smoke room 5' x 12', butchering room 9' x 12'; above ground with cold cellar below ice compartment.  
Three sheets.....\$ 0.45
- 10.745-3 Ice House and Milk Room—14' x 20'—Ice compartment 10'-9" x 14', milk room 5'-9" x 14', above ground, frame.  
One sheet.....\$ 0.15
- 10.745-4 Ice House—Tile, 11'-6" x 15'-6"—Above ground.  
Three sheets.....\$ 0.30

- 10.7451-1 Concrete Ice Pond—20' x 20' or 20' x 40'.  
One sheet.....\$ 0.15
- 10.7451-2 Ice Trays—For freezing ice on the farm, trays are  
the size to contain a standard 300 lb. cake.  
One sheet.....\$ 0.05

### MACHINE SHEDS AND GARAGES

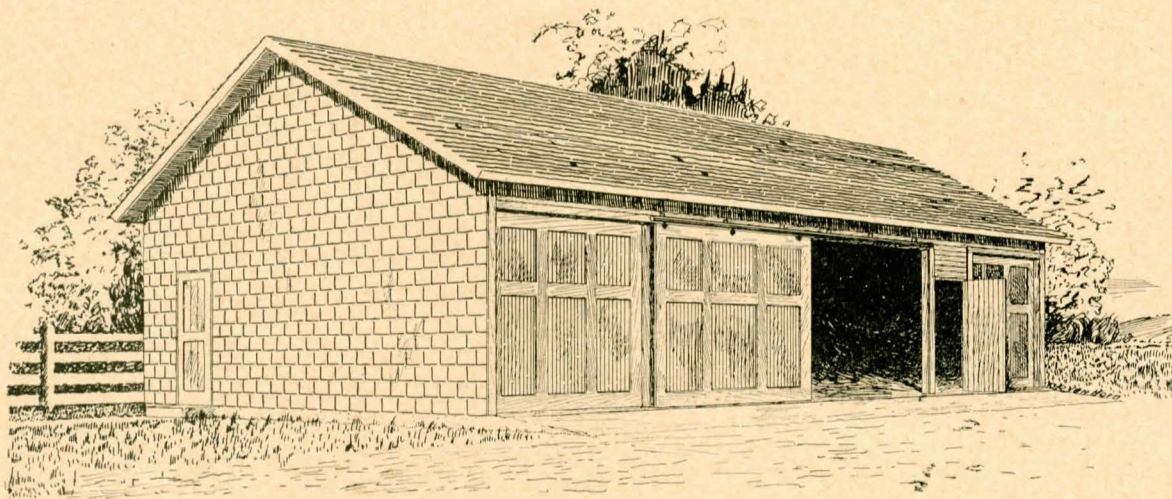
- 10.741-1 Machine Shed—Tile, 20' x 58'—Includes shop, milk-  
room, engine or pump room, loft for machinery.  
Five sheets.....\$ 0.75
- 10.741-4 Machine Shed—Frame, 24' x 72'—South facing, roll-  
ing doors on front.  
Two sheets.....\$ 0.30



FLOOR PLAN

No. 10.741-5

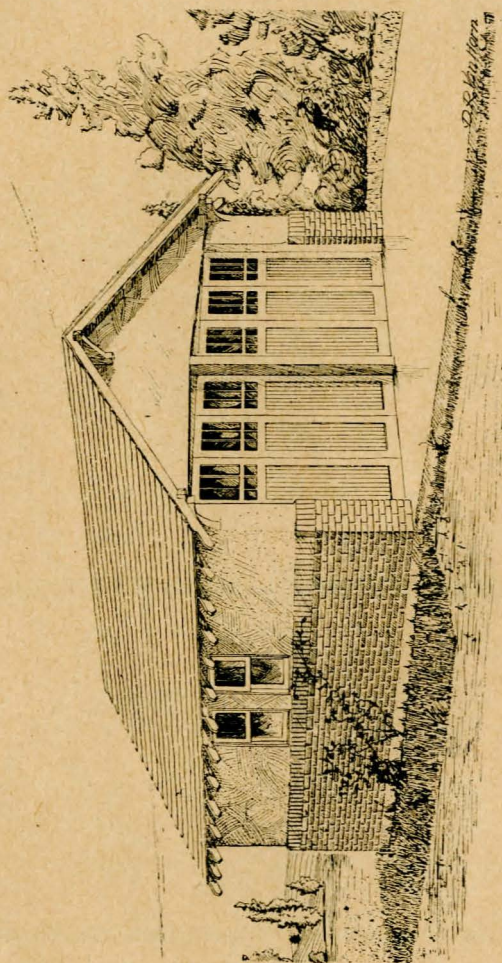




10.741-5 Machine Shed—Tile, 24' x 68'—Shop 14' x 24' at one end; south facing, sliding doors.  
Five sheets.....\$ 0.75

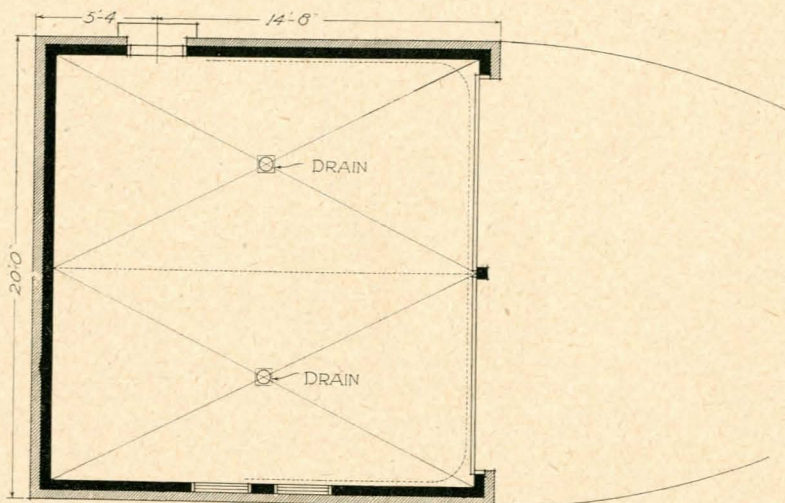
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10.741-6 Garage and Tool Shed—Frame, 12' x 26'.  
Two sheets.....\$ 0.20

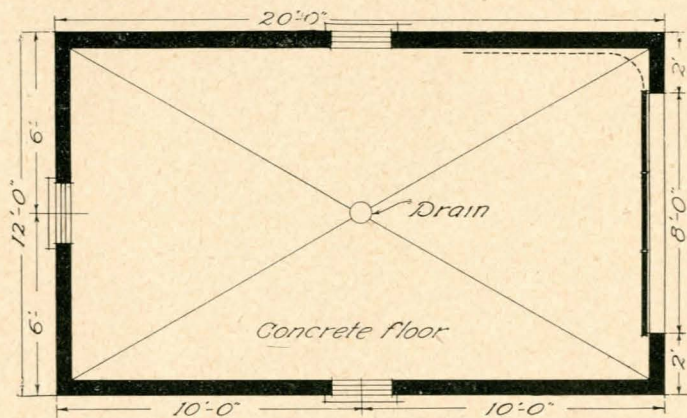


10.741-7 Two Car Garage—Brick and stucco, 20' x 20'.  
Two sheets.....\$ 0.30





No. 10.741-7

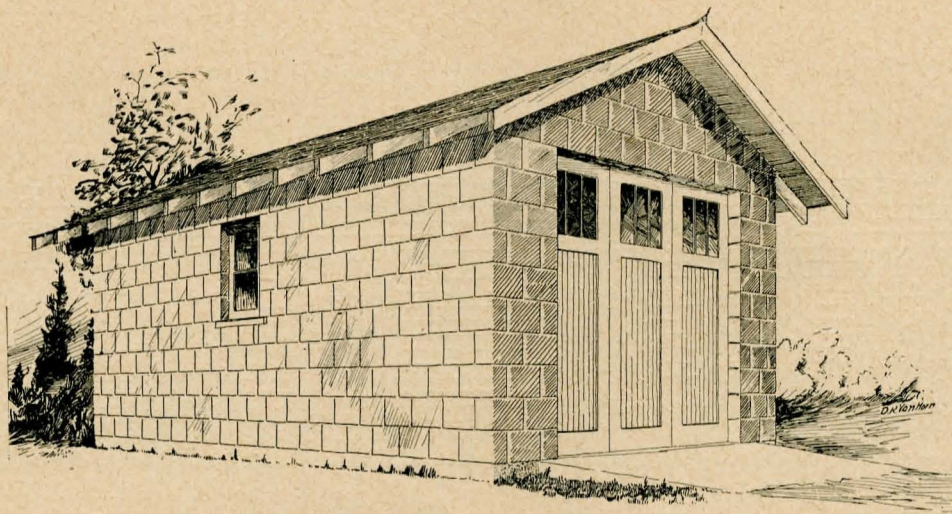


FLOOR PLAN

10.741-8

Tile Garage, 12' x 20'.

Three sheets.....\$ 0.30



10.741-9	Tile and Brick Garage—Two car, 20' x 20'. Two sheets.....	\$ 0.20
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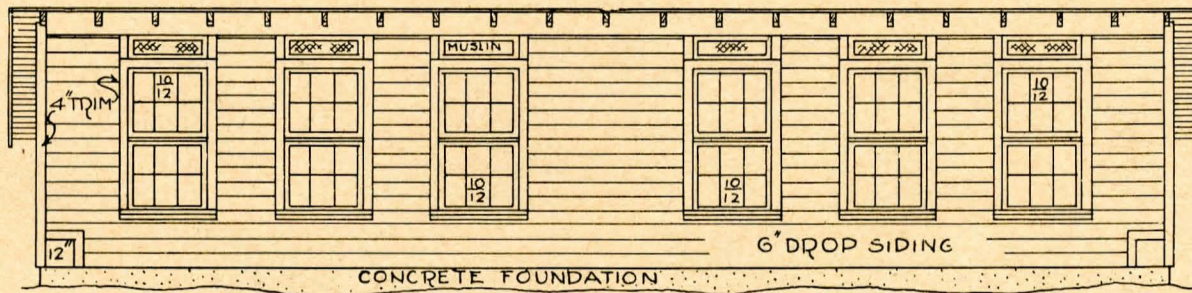
#### MISCELLANEOUS

10.791-7	Grand Stand—32' x 128'—Approximate capacity 1000. One sheet.....	\$ 0.15
10.791-8	Concrete Swimming Pool—50' x 100'. Three sheets.....	\$ 0.45
10.791-9	Tourist Camp Layout. One sheet.....	\$ 0.15
10.791-10	Standard Layout for Half Mile and One Mile Trotting Track. One sheet.....	\$ 0.15



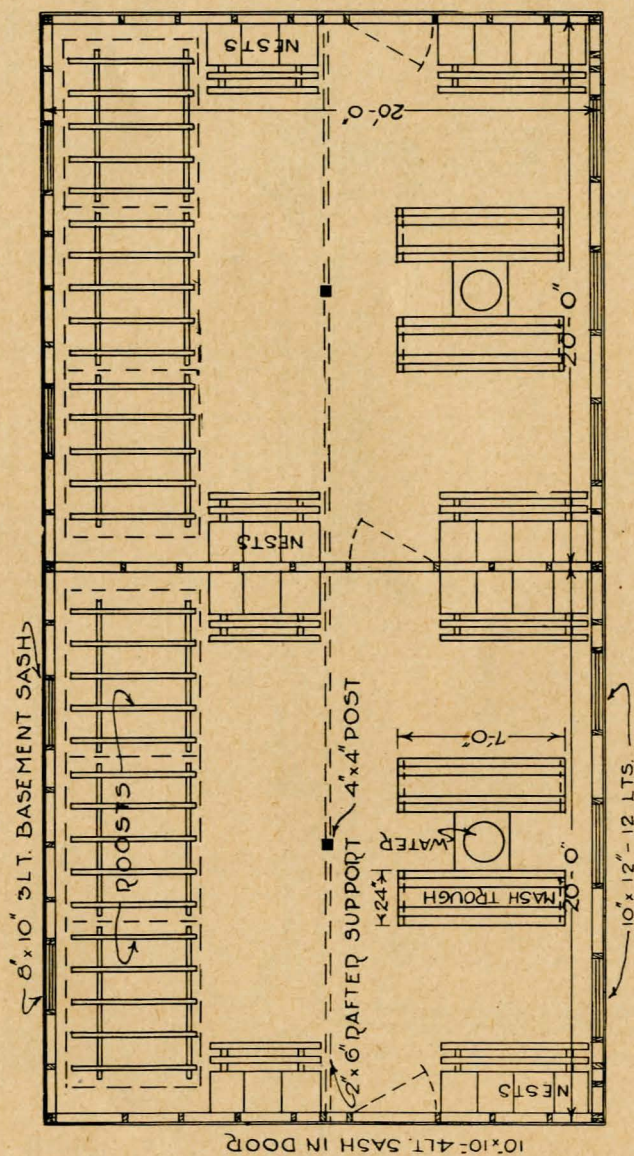
## POULTRY HOUSES

- 10.727-1 Poultry House—Tile, 16' x 32'.  
One sheet.....\$ 0.10
- 10.727-2 Poultry House for City Lot—Frame, 6' x 8'.  
One sheet.....\$ 0.10
- 10.727-3 Dual Purpose Poultry House—Frame, 12' x 14'.  
Two sheets.....\$ 0.20



FRONT ELEVATION

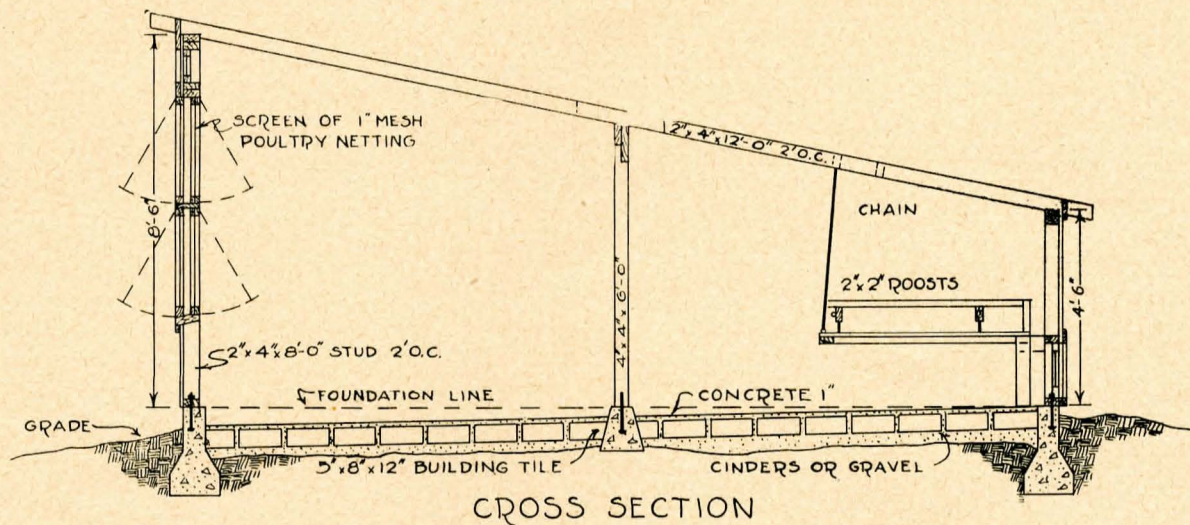
No. 10.727-4



FLOOR PLAN

No. 10.727-4

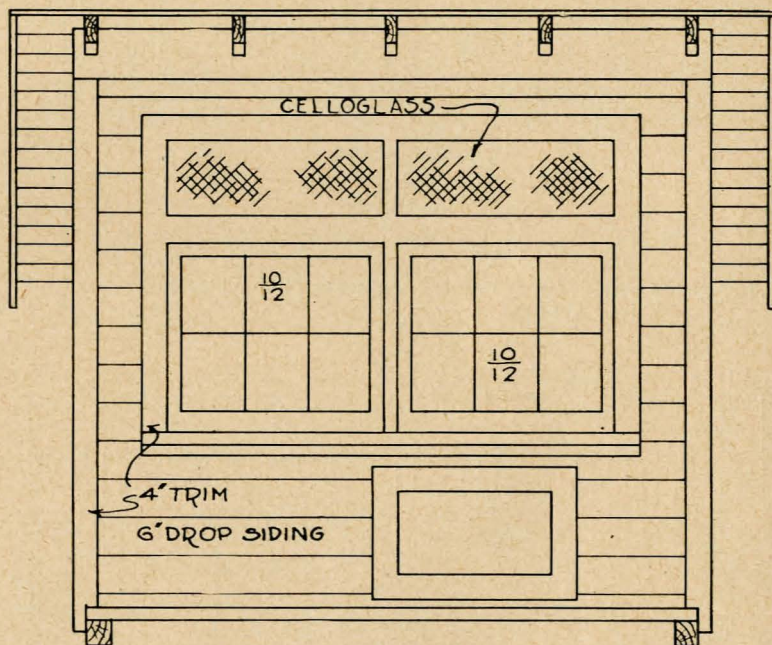




10.727-4 Double Unit Poultry House—Frame, 20' x 40'.  
Four sheets.....\$ 0.40

10.727-5 Single Unit Poultry House—Frame, 20' x 20'.  
Three sheets.....\$ 0.30

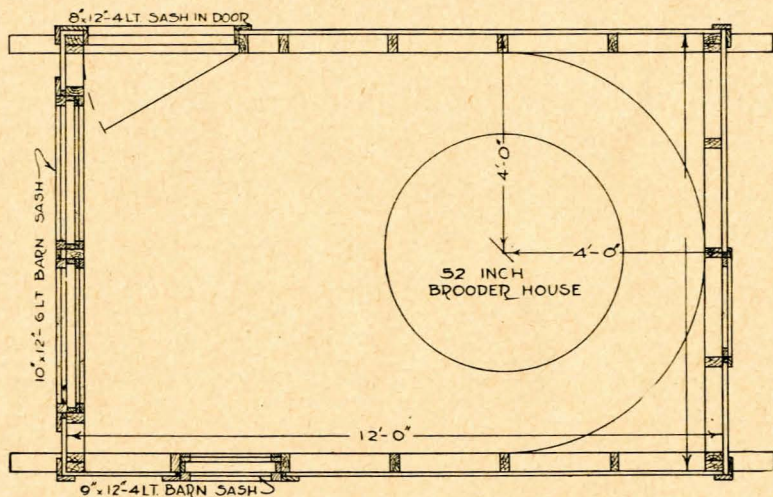
- 10.727-6 Dual Purpose Poultry House—Tile, 12' x 14'.  
Three sheets.....\$ 0.30
- 10.727-7 Single Unit Poultry House—Tile, 20' x 20'.  
Two sheets.....\$ 0.20
- 10.727-8 Colony Range House—Frame, 8' x 10'.  
Three sheets.....\$ 0.30



FRONT ELEVATION

- 10.727-9 Brooder House—Frame, 8' x 12'.  
Two sheets.....\$ 0.30

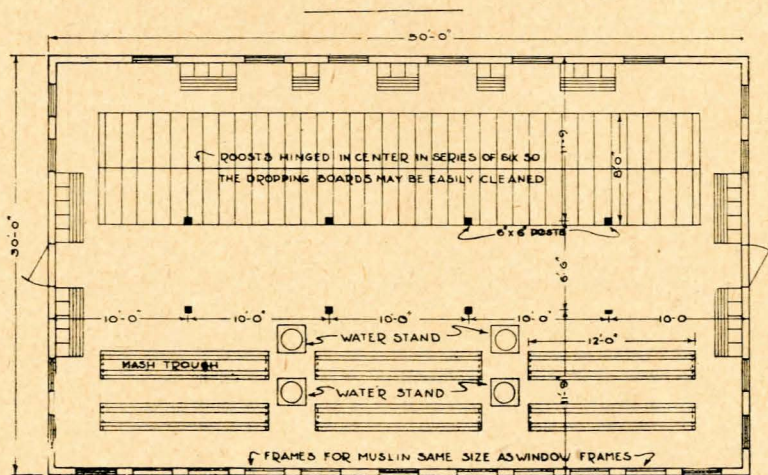




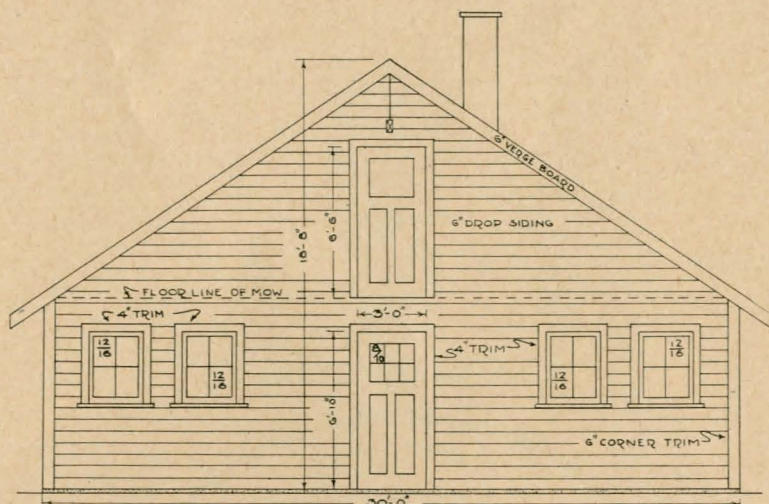
FLOOR PLAN

No. 10.727-9

- 10.727-10 Double Unit Poultry House—Tile, 20' x 40'.  
Three sheets.....\$ 0.45



- 10.727-11 Poultry House—Frame, 30' x 50'—Grain bins in mow.  
Six sheets.....\$ 0.90

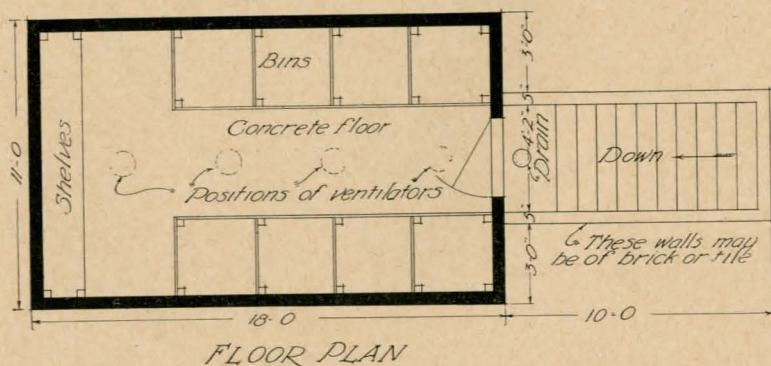


EAST ELEVATION

No. 10.727-11

## ROOT AND FRUIT STORAGE BUILDINGS

- 10.735-1 Storage Cellar—Hollow tile with reinforced concrete roof, 28' x 34'.  
Three sheets.....\$ 0.30
- 10.735-2 Potato Storage Cellar—Frame, 30' x 64'.  
Two sheets.....\$ 0.30



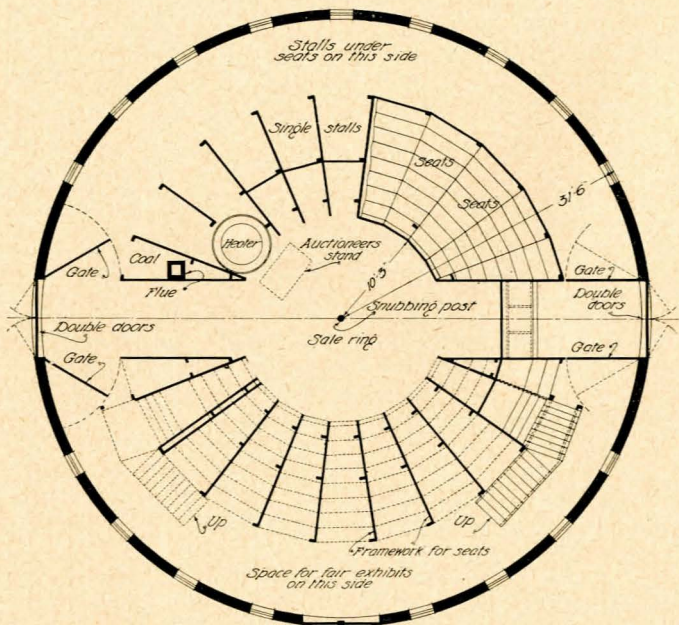
FLOOR PLAN

- 10.735-3 Root Cellar—Tile or brick, 11' x 18'.  
One sheet.....\$ 0.10



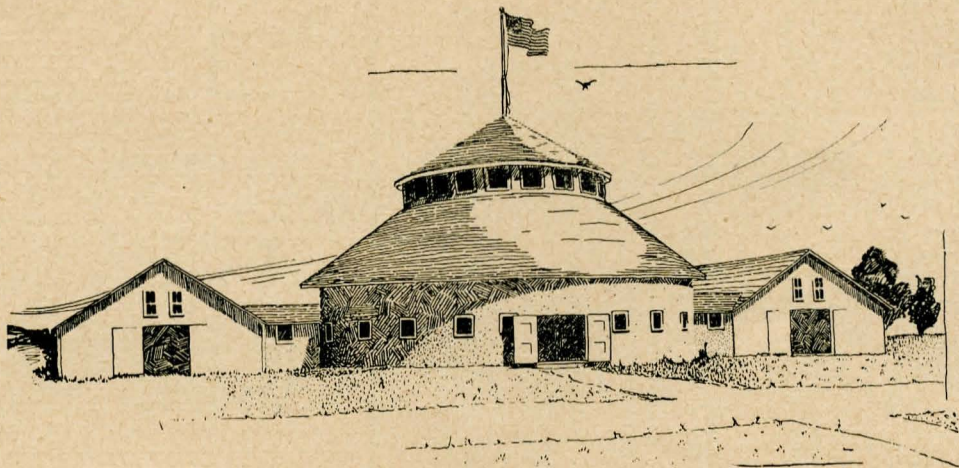
- 10.735-4 Cave—Hollow tile—8' x 14'—Reinforced concrete roof.  
One sheet.....\$ 0.15
- 10.735-5 Cellar Ventilation.  
Two sheets.....\$ 0.20

## SALES PAVILIONS



FLOOR PLAN

No. 10.7913-1



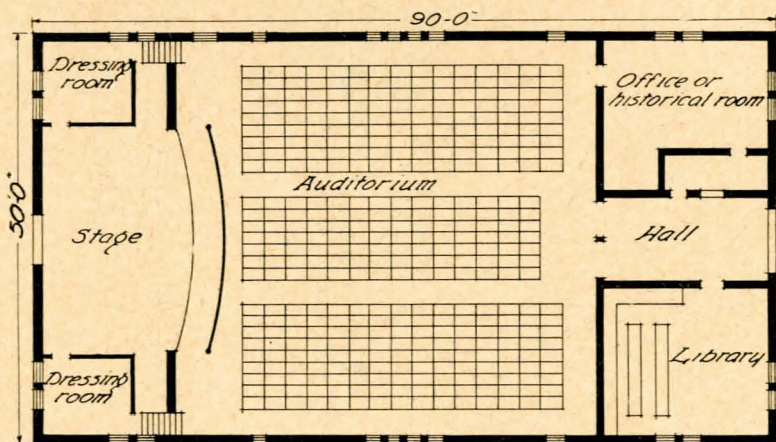
10.7913-1 Round Sales Pavilion—Frame, Stucco walls—Outside diameter 67', ring diameter 16', seating capacity approximately 1000, stall room for 30 head under seats.  
 Eight sheets.....\$ 1.20



- 10.7913-2 Sales Pavilion and Barn, Hexagonal—Frame—Javilion 50' x 50', ring 12' x 16', barn 72' x 90'; barn contains 37 hog pens, 42 cow stalls, feed room, wash room; approximate capacity, 600.  
Fifteen sheets.....\$ 2.25
- 10.7913-3 Community Sales Barn—Frame, 60' x 140'—32 double and 2 single stalls, room for washing and fitting show animals; sales ring 20' x 27', exhibit space under seats; approximate capacity, 850.  
Seven sheets.....\$ 1.05
- 10.7913-4 Round Sales Pavilion—Brick—Diameter 63'-6", ring diameter 21'—fourteen single stalls under the seats, designed for detached stock barns; capacity 600.  
Six sheets.....\$ 0.90

### SCHOOL HOUSES, CHURCHES, AND COMMUNITY CENTERS

- 10.791-1 One-room School House—Frame, 35' x 40'—No basement, faces north or west.  
Five sheets.....\$ 0.50
- 10.791-2 Two-room School House—Frame, 66' x 39'-9"—Full basement, faces north or west.  
Four sheets.....\$ 0.60
- 10.791-3 School House—44' x 74', two story, partial basement, gymnasium; primary, intermediate, grammar, assembly, and two recitation rooms.  
Eight sheets.....\$ 1.20



FLOOR PLAN

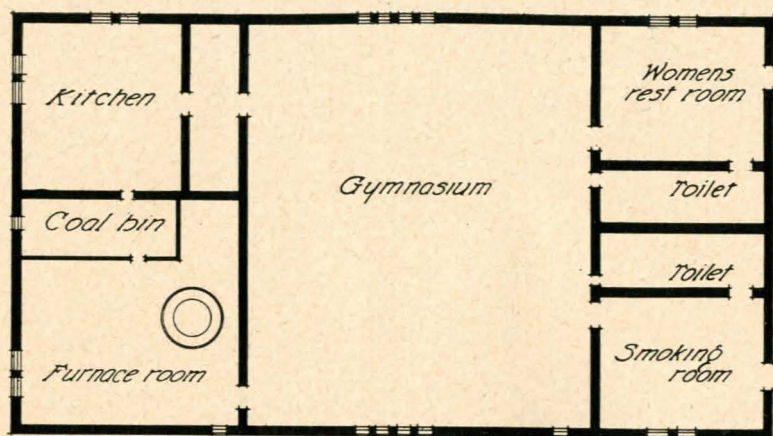
No. 10.791-5



No. 10.791-5

- 10.791-5 Community House—Matt brick and terra cotta, 50' x 90'—two stories, first floor, gymnasium, office, bath and toilet, kitchen, and woman's rest room; second floor, auditorium, historical room, ticket office, and library.  
Four sheets.....\$ 0.40



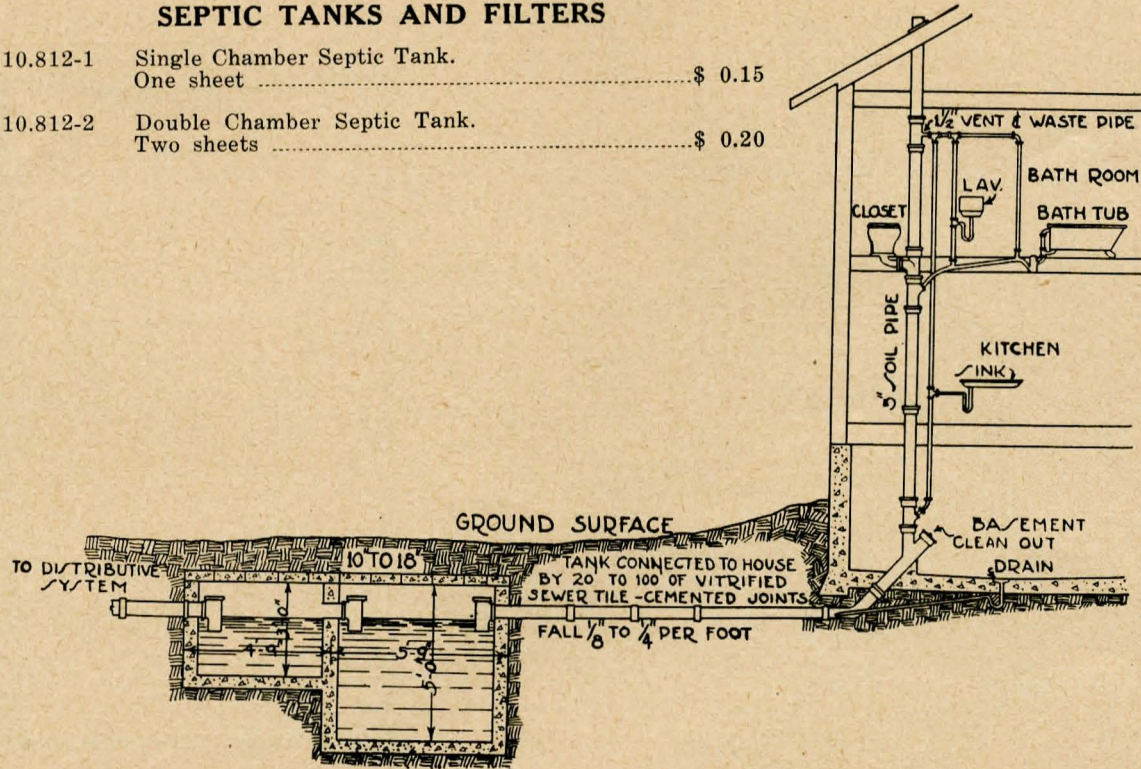
*BASEMENT PLAN*

No. 10.791-5

If blue prints are ordered by the file number given in this bulletin and the money sent with the order, it will be possible to send the plans immediately. No prints can be sent out without having been paid for first. If the plans are found to be unsatisfactory and are returned in good condition within ten days, the money will be refunded promptly. It is practically impossible to pick out the plans desired unless the file numbers are given. Promptness of delivery can be assured if these instructions are followed.

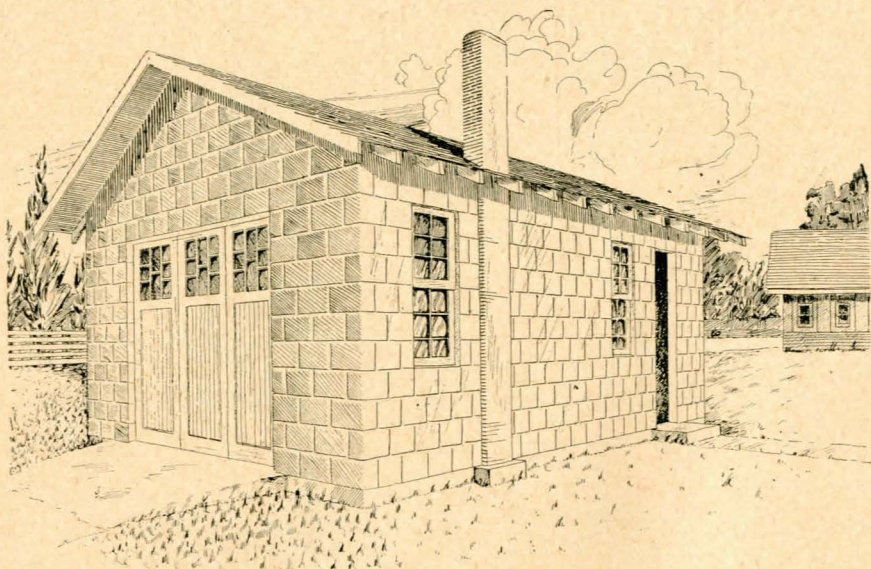
## SEPTIC TANKS AND FILTERS

- |          |                             |         |
|----------|-----------------------------|---------|
| 10.812-1 | Single Chamber Septic Tank. |         |
|          | One sheet .....             | \$ 0.15 |
| 10.812-2 | Double Chamber Septic Tank. |         |
|          | Two sheets .....            | \$ 0.20 |

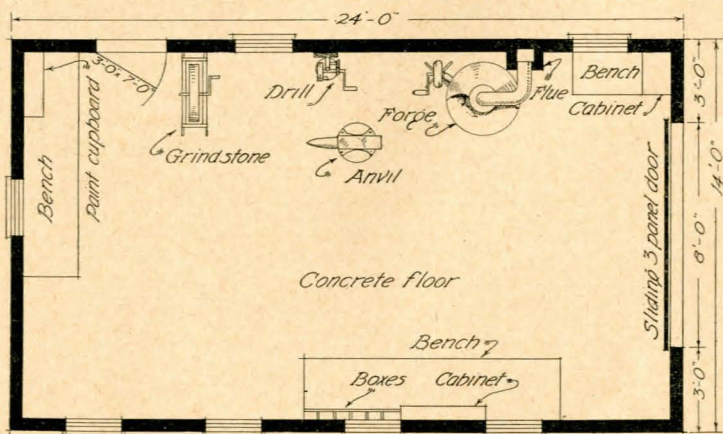




## SHOPS



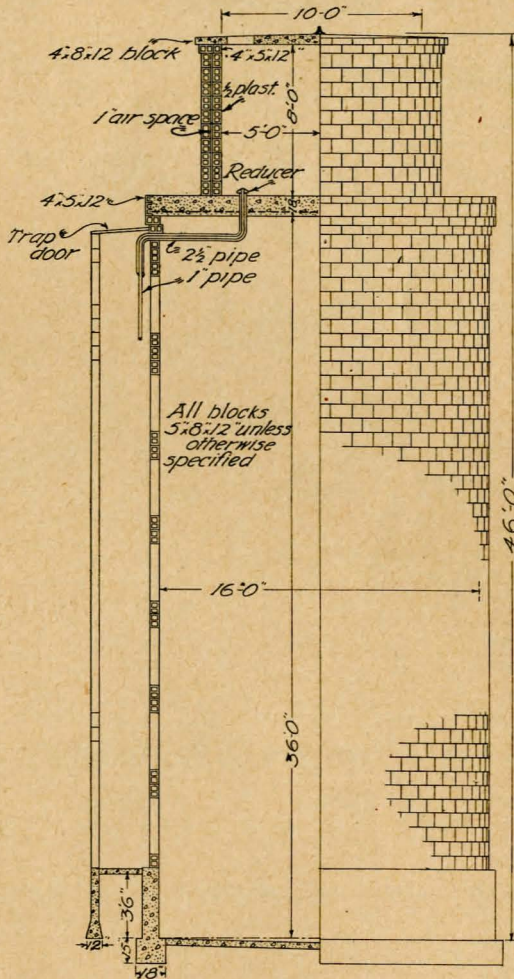
10.742-1 Farm Work Shop—Tile, 14' x 24'.  
Three sheets .....\$ 0.30



-FLOOR PLAN-

## SILOS

- 10.733-1 Silo and Tank—Tile, 14' x 36'—Concrete roof, concrete floor in storage tank, 8' x 13' tank on top, One sheet.....\$ 0.15

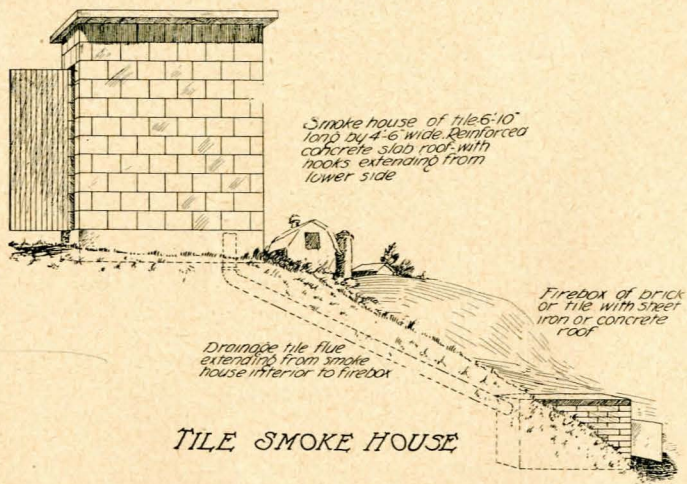


SECTIONAL PLAN

- 10.733-2 Silo and Tank—Tile, 16' x 36', 8' x 10'-8". One sheet.....\$ 0.10



## SMOKE HOUSE



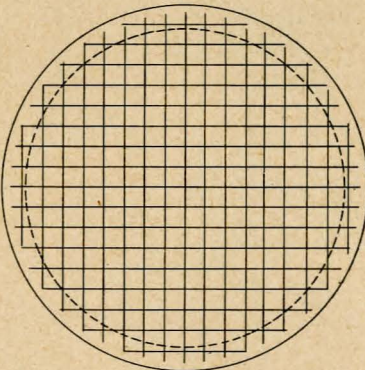
- 10.736-1 Smoke House—Clay tile.  
One sheet.....\$ 0.10

## STALLS AND STALL EQUIPMENT

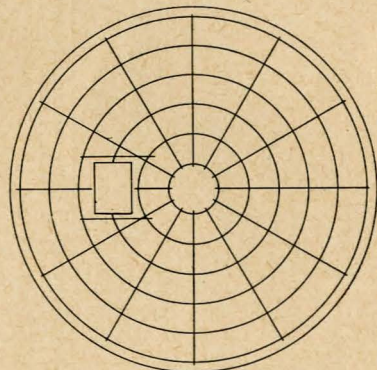
- 10.779-1 Wooden Cow Stalls.  
One sheet.....\$ 0.10
- 10.779-2 Steel Stanchion and Concrete Stall.  
One sheet.....\$ 0.05

## STORAGE TANKS, CISTERNS, AND PRESSURE SYSTEMS

- 10.873-1    Pneumatic System.  
One sheet.....\$ 0.10
- 10.873-2    Gravity System.  
One sheet.....\$ 0.10
- 10.873-4    3000 Gallon Cistern.  
One sheet.....\$ 0.10
- 10.873-7    Device to Keep Water Pipes from Freezing.  
One sheet.....\$ 0.10
- 10.873-8    Pump Hydrant Connection.  
One sheet.....\$ 0.10



*Plan of Tank Floor*

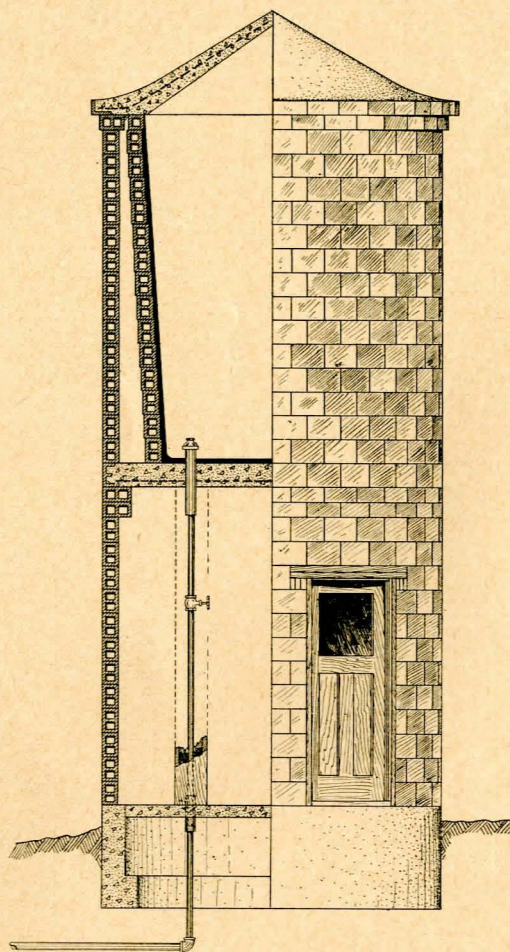


*Roof Plan*

- 10.873-9    Clay Block Water Storage Tank—Capacity 2835  
gallons.  
One sheet.....\$ 0.15

- 10.873-10    Clay Block Water Storage Tank—Capacity 3700 gallons.  
One sheet.....\$ 0.15

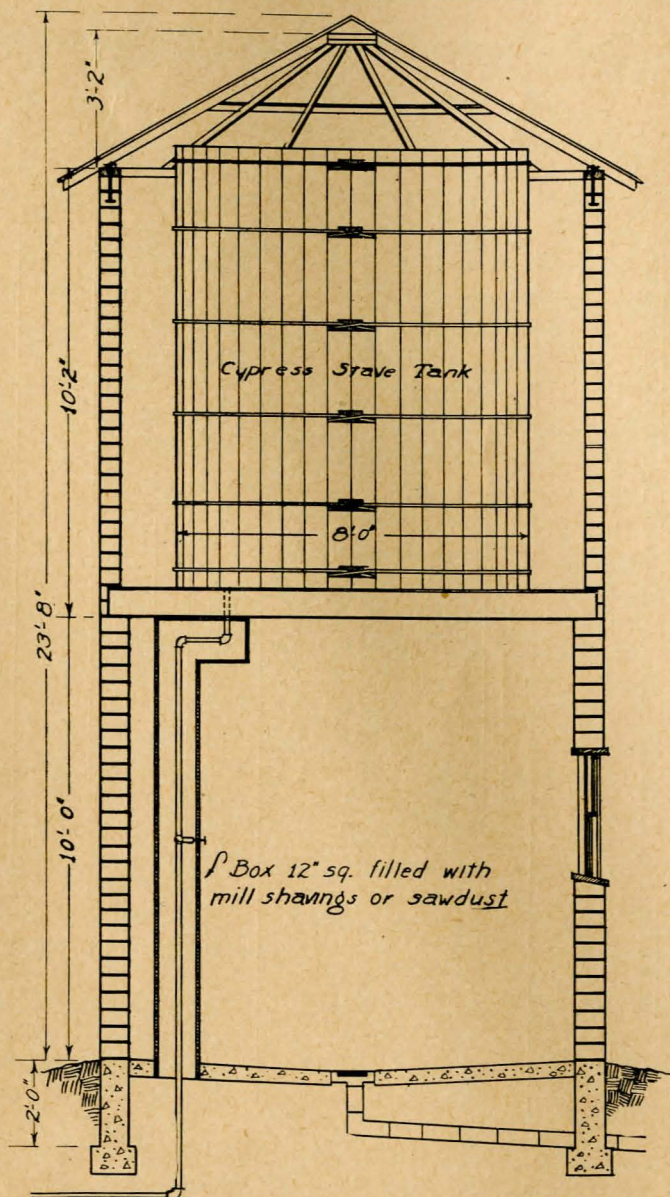


*Sectional Elevation*

No. 10.873-9

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10.873-19	Cold Water for Kitchen and Bath.	
	One sheet.....	\$ 0.15
10.873-20	Cold Water in Kitchen.	
	One sheet.....	\$ 0.15

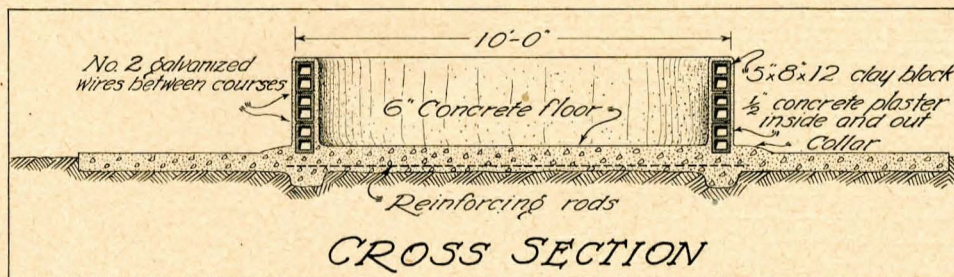


10.873-11 Elevated Tank—Tile, Wooden Stave Tank, Milk House below, capacity 3500 gallons.  
One sheet.....\$ 0.15



## WATERING TANKS, TROUGHS, AND TANK HEATERS

- 10.771-4    Water Trough for Horses—Concrete, 4' x 10'.  
               One sheet.....\$ 0.10



- 10.771-5    Watering Tank—Tile, 10' diameter.  
               One sheet.....\$ 0.10
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- 10.771-6    Combined Tank and Heater—Concrete.  
               One sheet.....\$ 0.15
- 10.771-7    Stock Waterer.  
               One sheet.....\$ 0.15



**WOODWORK, FORGE, SOLDERING EXERCISES**

(All exercises 10c each)

**WOODWORK**

10.6111-1	Saw Jointer	10.6111-34	Gate Leg Table
10.6111-2	Magazine Stand	10.6111-35	Gate Leg Table
10.6111-3	Book Rack	10.6111-36	Kitchen Cabinet
10.6111-4	Roof Framing	10.6111-37	Ironing Board
10.6111-5	Wagon Box	10.6111-38	Ironing Board
10.6111-6	Adjustable Stand	10.6111-39	Magazine Stand
10.6111-7	Try Square	10.6111-40	Pedestal
10.6111-8	Nail Box	10.6111-41	Pedestal
10.6111-9	Saw Horse	10.6111-42	Step Ladder
10.6111-10	Jardniere No. 1	10.6111-43	Flower Box
10.6111-11	Jardniere No. 2	10.6111-44	Tool Chest
10.6111-12	Taboret	10.6111-45	Smoking Cabinet
10.6111-13	Taboret	10.6111-46	Filing Cabinet
10.6111-14	Plate Rack	10.6111-47	Dressing Table
10.6111-15	Work Bench	10.6111-48	Piano Bench
10.6111-16	Magazine Holder	10.6111-49	Piano Bench
10.6111-17	Halved Splice	10.6111-50	Wall Cabinet
10.6111-18	Mortise and Tenon Joint	10.6111-51	Music Cabinet
10.6111-19	Hammer Handle	10.6111-52	Bulletin Rack
10.6111-20	Library Table	10.6111-53	Buffet
10.6111-21	Bench Hook	10.6111-54	Step Ladder
10.6111-22	Bench and Milking Stool	10.6111-55	Rolling Pin
10.6111-23	Creeper	10.6111-56	Poultry Feeder
10.6111-24	Drawing Board and "T" Square	10.6111-57	Towel Rack
10.6111-25	Rocker	10.6111-58	Window Seat and Clothes Chest
10.6111-26	Clothes Tree	10.6111-59	Bed
10.6111-27	Porch Swing	10.6111-60	Farm Tool Box
10.6111-28	Kitchen Table	10.6111-61	3-piece Coat Hanger
10.6111-29	Farm Gate	10.6111-62	3-piece Coat Hanger
10.6111-30	Poultry Feeder	10.6111-63	Shop Bench
10.6111-31	Plant Stand	10.6111-64	Work Bench
10.6111-32	Book Case	10.6111-65	Lounge
10.6111-33	Trap Nest	10.6111-66	Kitchen Table
		10.6111-67	Radio Cabinet
		10.6111-68	Medicine Cabinet
		10.6111-69	Hay Rack



**FORGE WORK**

10.6116-1	Harrow Tooth	10.6116-17	Tongs
10.6116-2	Drawing	10.6116-18	Rivet Punch
10.6116-3	Upsetting	10.6116-19	Cold Chisel
10.6116-4	Bending and Pointing	10.6116-20	Diamond Point Drill
10.6116-5	Bending and Twist- ing	10.6116-21	Split Weld—Steel to Iron
10.6116-6	Fagot Weld	10.6116-22	Repairing Casting
10.6116-7	Scarfed Weld	10.6116-23	Cross Peen Hammer
10.6116-8	Welded Ring	10.6116-24	Straight Lip Tongs
10.6116-9	Corner Bend	10.6116-25	Clevis
10.6116-10	Corner Weld	10.6116-26	"S" Wrench
10.6116-11	Endgate Rod Nut	10.6116-27	Tire Bolt Clamp
10.6116-12	Bolt Making	10.6116-28	Traveler
10.6116-13	Chain Making	10.6116-29	Bench Door Stays
10.6116-14	Hook	10.6116-30	Soldering
10.6116-15	Flat Tongs	10.6116-31	Soldering
10.6116-16	Tongs	10.6116-32	Soldering
		10.6116-33	Soldering