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## EC722 Revised 1929 Farm Buildings for Nebraska

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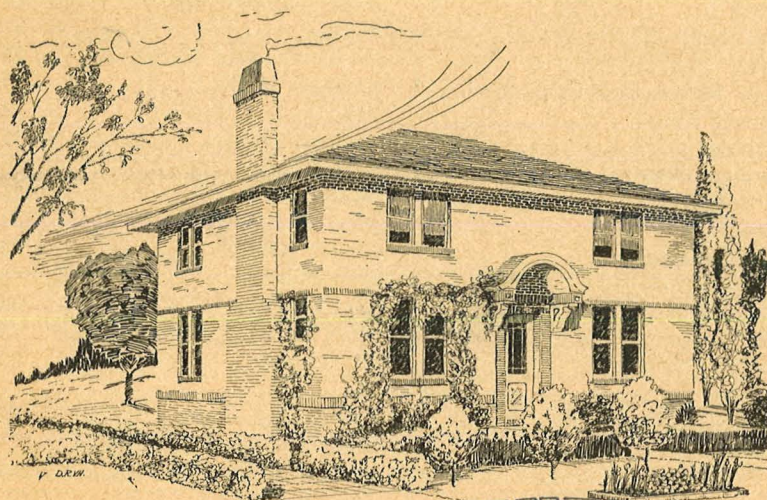
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<sup>-29</sup>  
Extension Circular 722, Revised

February, 1929

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#722R

## Farm Buildings for Nebraska



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The University of Nebraska, Agricultural College, Extension Service  
and the United States Department of Agriculture Cooperating  
W. H. Brokaw, Director, Lincoln



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Order all plans by number and include money with order

## Farm Buildings for Nebraska

Revised 1929

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

Compiled by

R. M. LOPER

Assistant State Extension Agent  
in Agricultural Engineering

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  
W. A. WHITFIELD



## Farm Buildings for Nebraska

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.

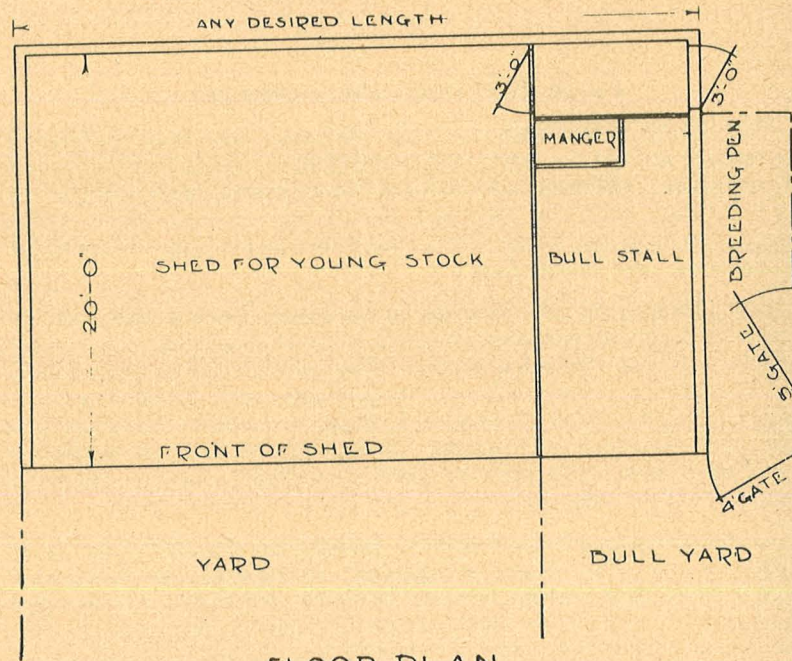
An attempt has been made to include in this list only such plans as may be suited to general conditions on Nebraska farms. In some instances the interior arrangement or size of the structure shown may not exactly meet the needs of the purchaser but slight rearrangements may often be made after consulting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

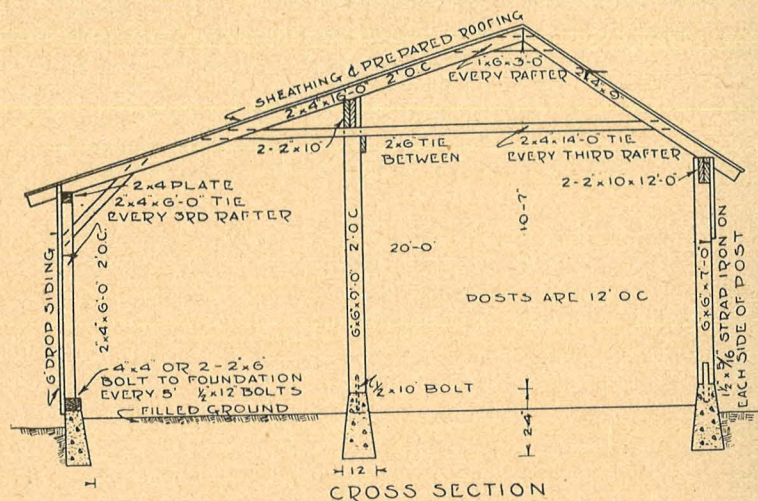


## BEEF CATTLE BARN AND SHEDS



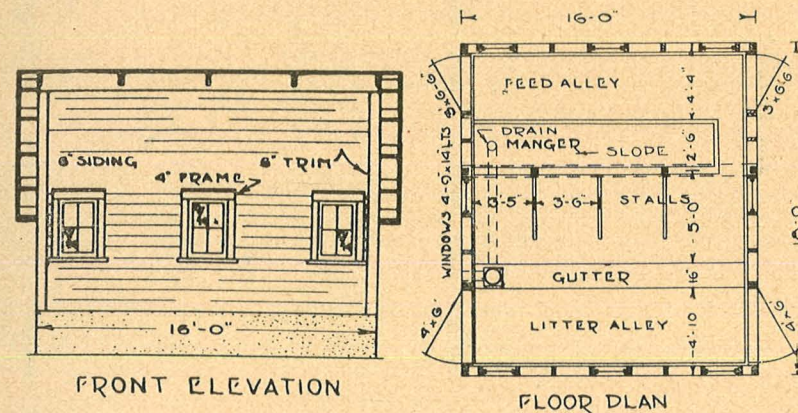
FLOOR PLAN

- 10.724-2 Cattle Shed—Clay tile, 20' x 94'-5".  
Two sheets .....\$ 0.30



- 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

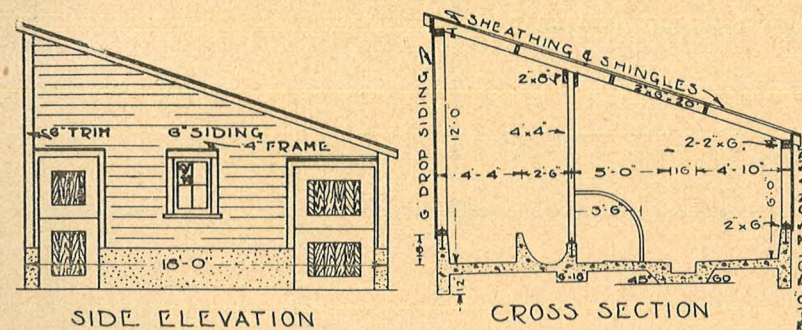
## DAIRY BARN



FRONT ELEVATION

FLOOR PLAN

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

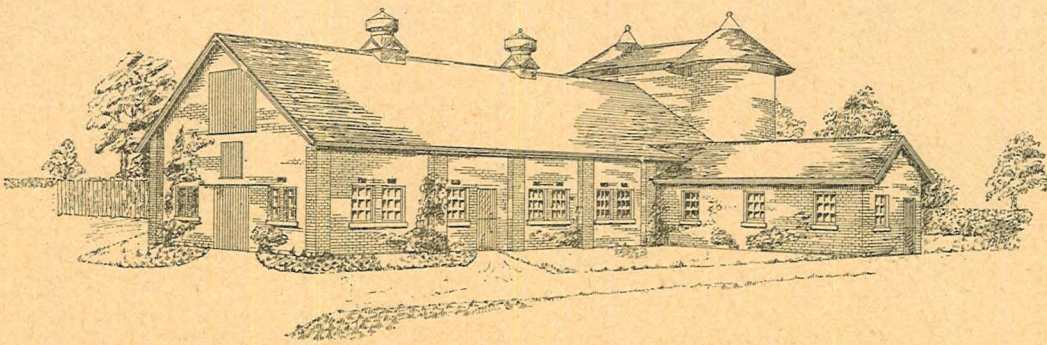
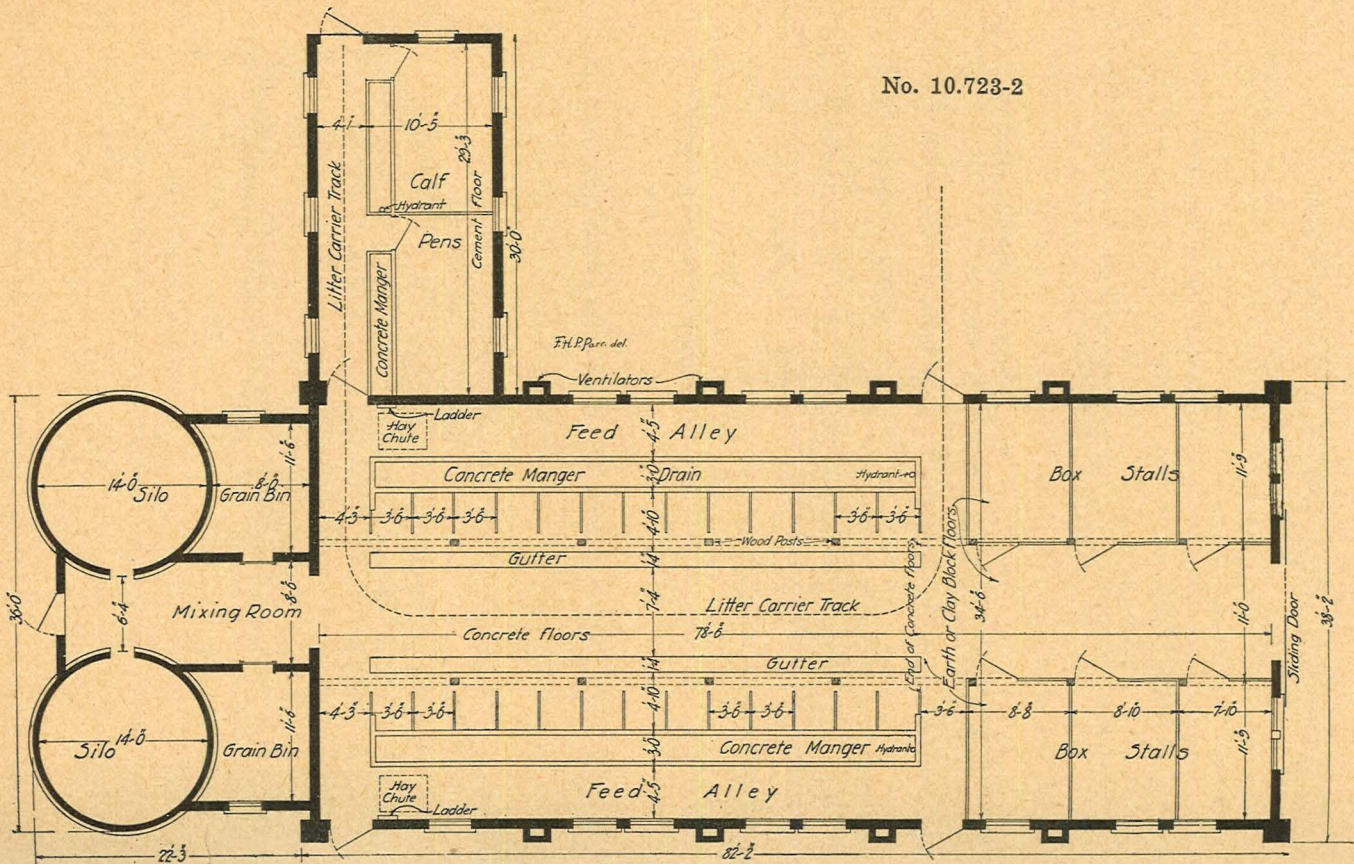


SIDE ELEVATION

CROSS SECTION

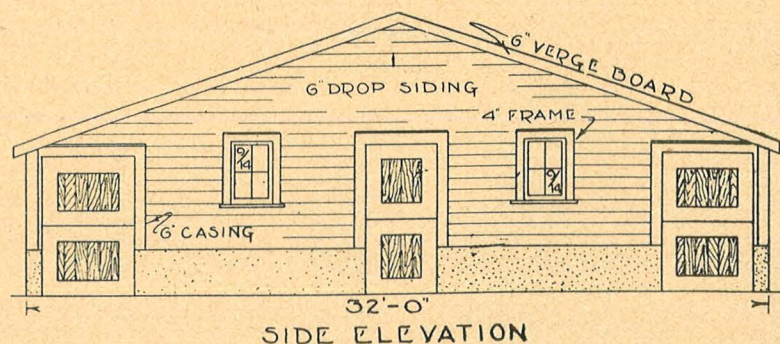


No. 10.723-2

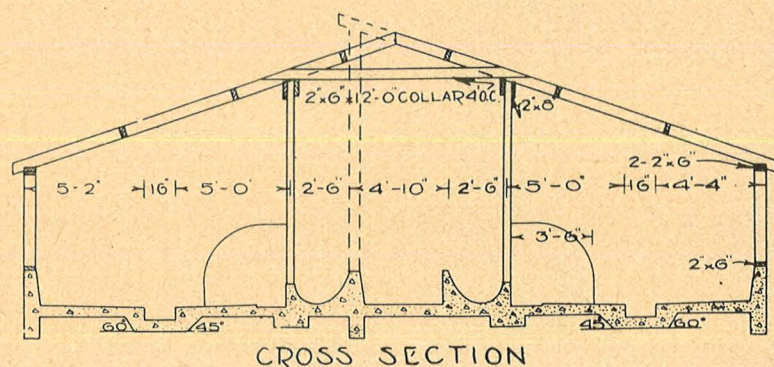


- 10.723-2 Dairy Barn—Hollow tile, 38'-2" x 82'-2"—Common gable or self-supporting roof, 26 cows, 6 box stalls for official testing, 2 silos, 2 grain bins. Twelve sheets.....\$ 1.80
- 10.723-9 Dairy Barn—Frame, 18' x 32'—Shed type, 8 cows. Two sheets.....\$ 0.30
- 10.723-10 Dairy Barn—Frame, 18' x 32'—Shed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





- 10.723-11 Dairy Barn—Frame, 16' x 32'—Cows face in, 8 cows.  
Two sheets .....\$ 0.30



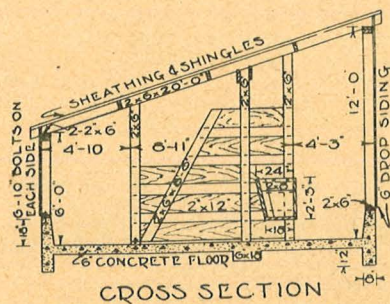
- 10.723-12 Dairy Barn—Frame, 36' x 52'—20 cows, 2 box stalls,  
1 calf pen, 2 grain bins, 1 silo.  
Five sheets .....\$ 0.75

### GENERAL PURPOSE BARN

- 10.721-2 General Purpose Barn—Frame, 34' x 64'—8 horses,  
11 cows, 2 box stalls, 1 calf pen, 2 feed rooms,  
separator room, harness room.  
Ten sheets .....\$ 1.50

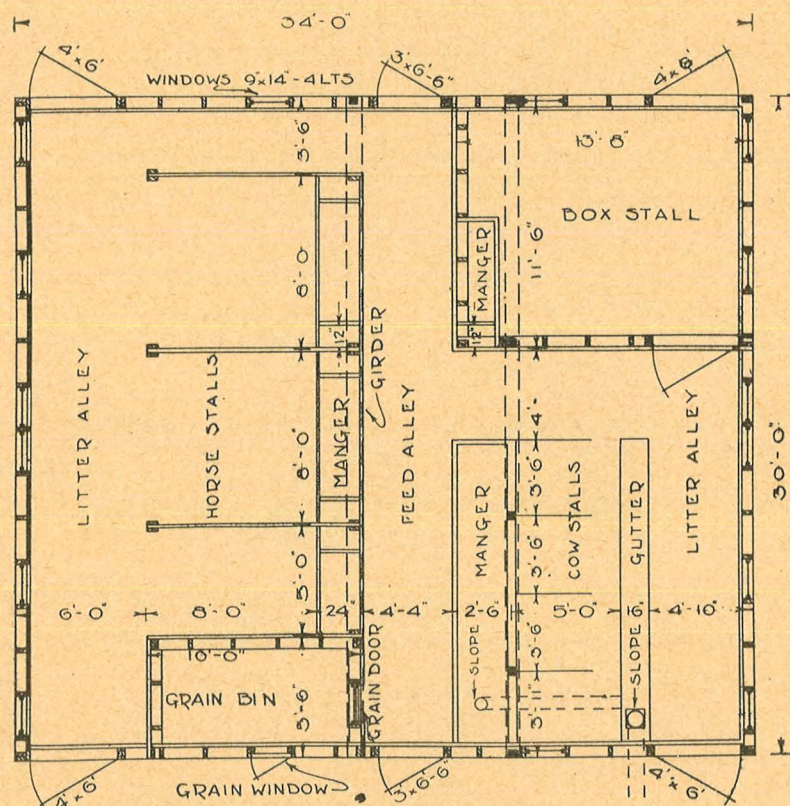
- 10.721-4 General Purpose Barn—Frame, 34' x 64'—8 horses,  
9 cows, 2 box stalls, 1 calf pen, grain bin, separator  
room, engine and grinder room, harness room.  
Eleven sheets .....\$ 1.65
- 10.721-5 Small Barn Plan—Frame, 18' x 26'—4 horses, 4  
cows, no bins.  
Four sheets .....\$ 0.40
- 10.721-8 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 cows, 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





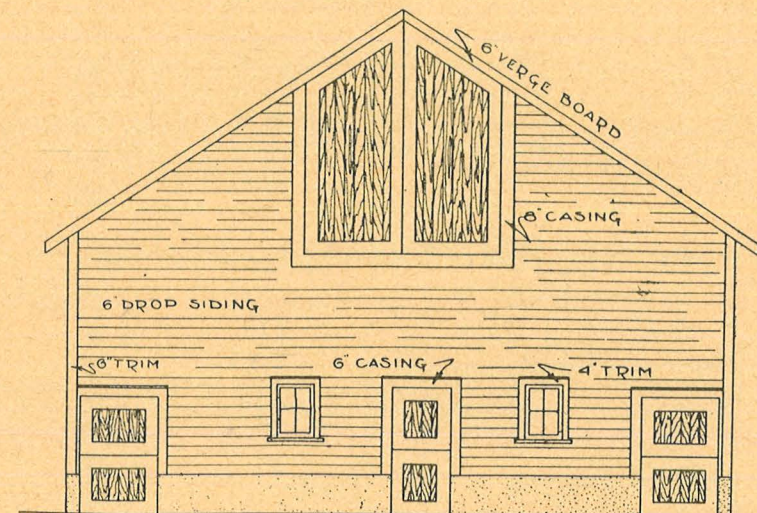
CROSS SECTION

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



FLOOR PLAN

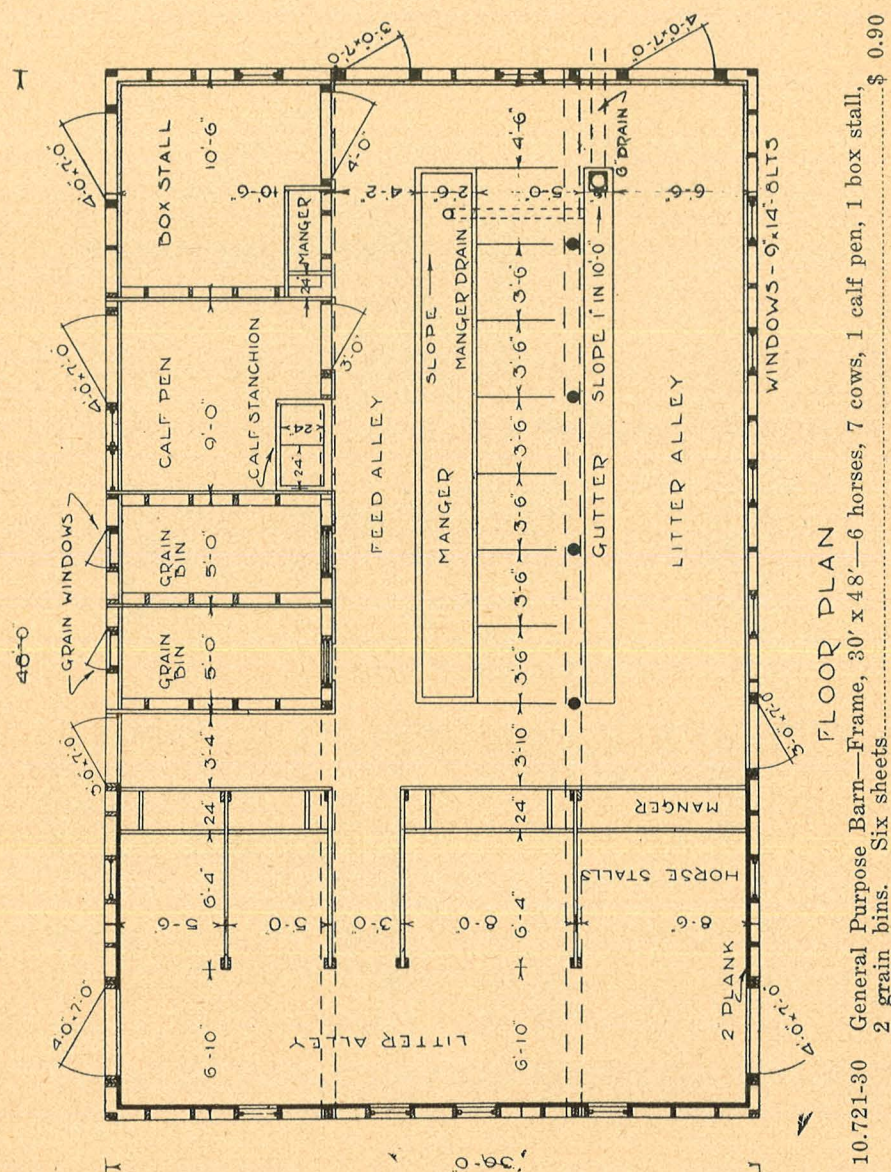
10.721-27 General Purpose Barn—Frame, 30' x 34'—5 horses,  
and 4 cows, 1 box stall, 1 grain bin.  
10.721-28 Two sheets.....\$ 0.30



END ELEVATION

- 10.721-28 General Purpose Barn—Frame, 30' x 34'—5 horses,  
4 cows, 1 box stall, 1 grain bin, mow.  
Two sheets.....\$ 0.30
- 10.721-29 General Purpose Barn—Frame, 32' x 36'—5 horses,  
8 cows, 1 grain bin, 1 silo.  
Six sheets.....\$ 0.90
- 10.721-31 General Purpose Barn—Frame, 36' x 50'—12 cows,  
8 horses, 1 grain bin.  
Six sheets.....\$ 0.90
- 10.721-32 General Purpose Barn—Frame, 34'-2\"/>





- 10.721-33 General Purpose Barn—Frame, 20' x 34'—2 cows, 2 horses, 2 automobiles, grain bin, mow.  
Two sheets.....\$ 0.30

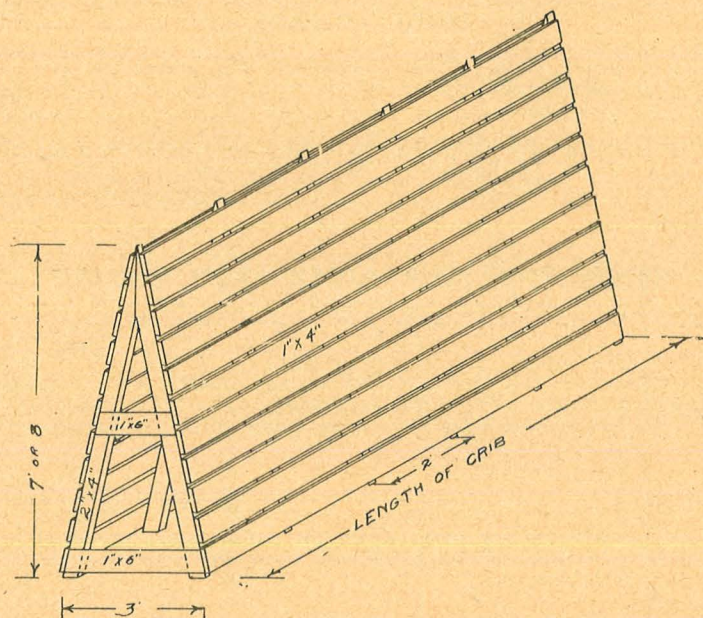
### HORSE BARN

- 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 HOUSES

- 10.732-1 Combination Granary and Crib—Frame, 26' x 42'—Capacity 5,000 bu. ear corn, 3,500 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 3,200 bu. ear corn, 3,500 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 4,000 bu. ear corn, 5,000 bu. small grain, driveway lengthwise, seed room, engine room.  
Two sheets.....\$ 0.30
- 10.732-5 Granary—Frame, 30' x 38'—Capacity 5,200 bu. ear corn, 6,000 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 6,170 bu. ear corn, 5,960 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 3,000 bu. driveway lengthwise, 10' studding.  
Four sheets.....\$ 0.40
- 10.732-8 Corn Crib and Granary—Frame, 29' x 32'—Capacity 4,100 bu. ear corn, 1,950 bu. small grain, driveway lengthwise, 14' studding.  
Four sheets.....\$ 0.60



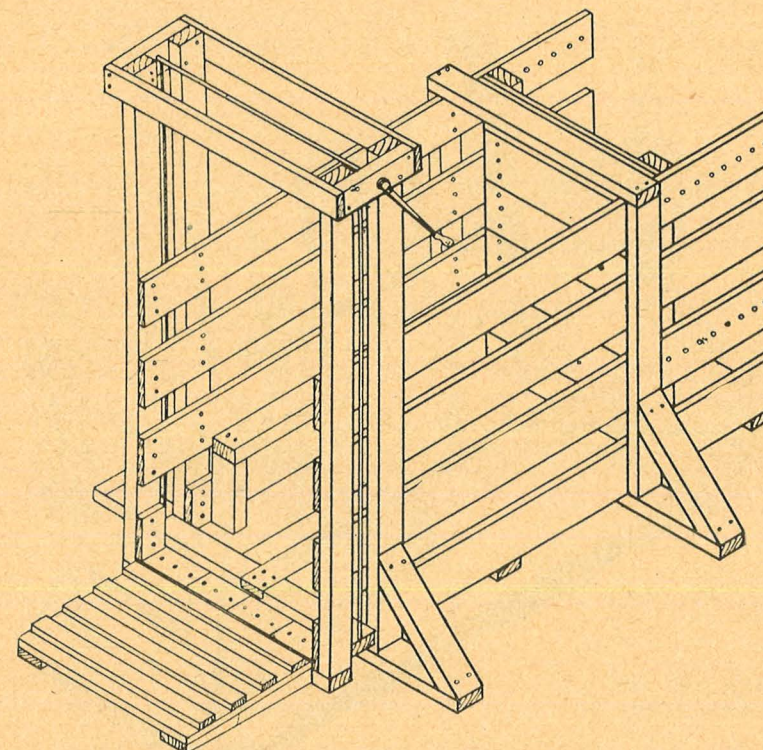


- 10.732-10 "A" Shaped Crib Ventilator—Frame, 3' wide, 7' or 8' high.  
One sheet .....\$ 0.10

### ELEVATORS

- 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

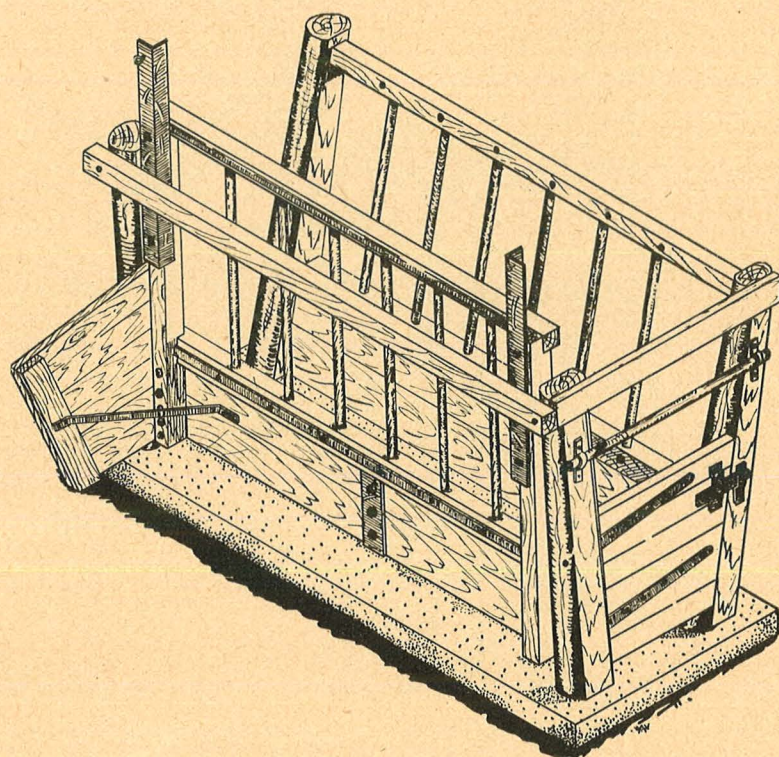
### CRATES AND CHUTES



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

*Be sure to order blue prints by number, and to send the money with the order. Read page 5 carefully before mailing the order. Follow directions given there.*

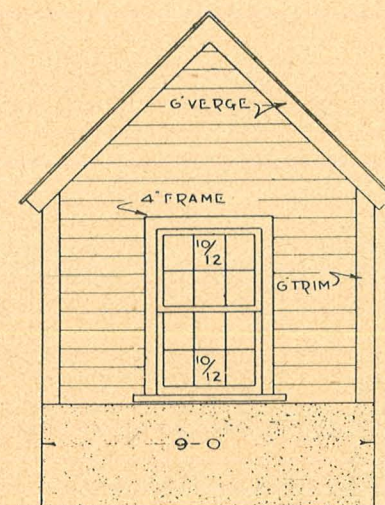




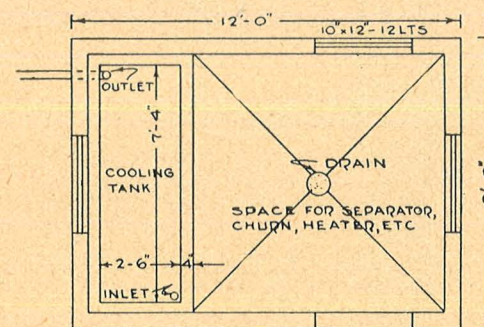
- 10.776-3 Dehorning Chute.  
One sheet .....\$ 0.15

### DAIRY HOUSES AND EQUIPMENT

- 10.7341-1 Milk Cooling Tank—Capacity, 4 cans.  
One sheet .....\$ 0.15
- 10.734-1 Dairy House — Tile, 10' x 18'—Testing room and separator room.  
One sheet .....\$ 0.10



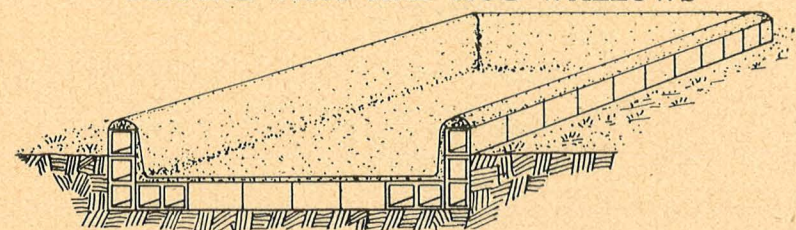
END ELEVATION



FLOOR PLAN

No. 10.734-2

### DIPPING VATS AND HOG WALLOWS



CLAY BLOCK HOG WALLOW

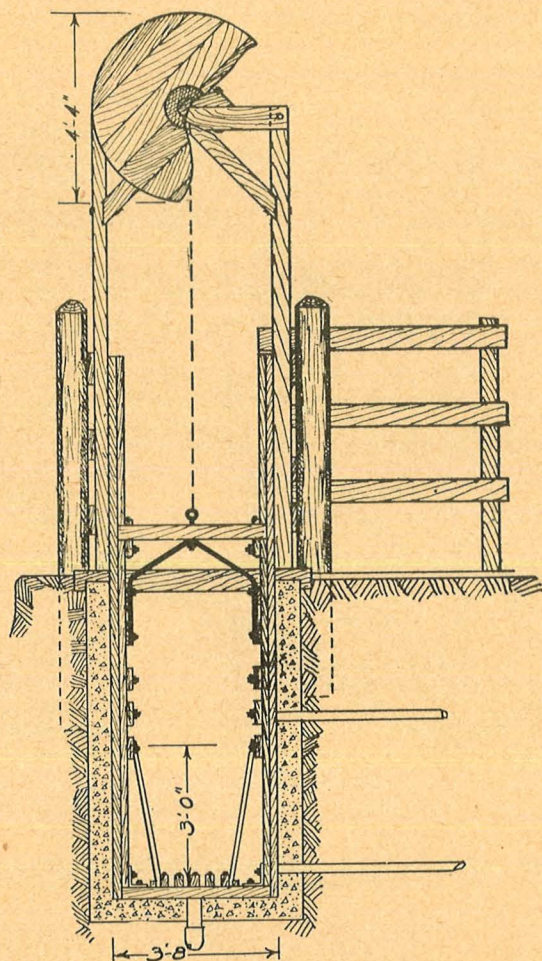
- 10.775-1 Clay Block Hog Wallow.  
One sheet .....\$ 0.10

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

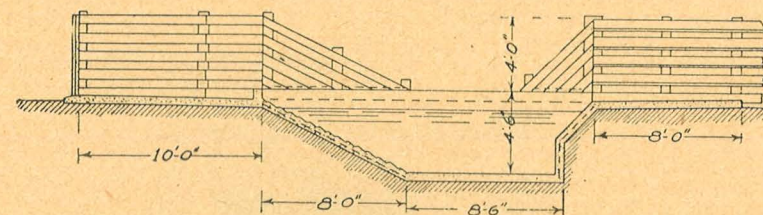
- 10.734-4 Dairy House — Frame, 12' x 18' — Boiler room containing sterilizer, boiler, and sink; milk room containing separator, testing table, and refrigerator.  
One sheet .....\$ 0.15



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



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



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

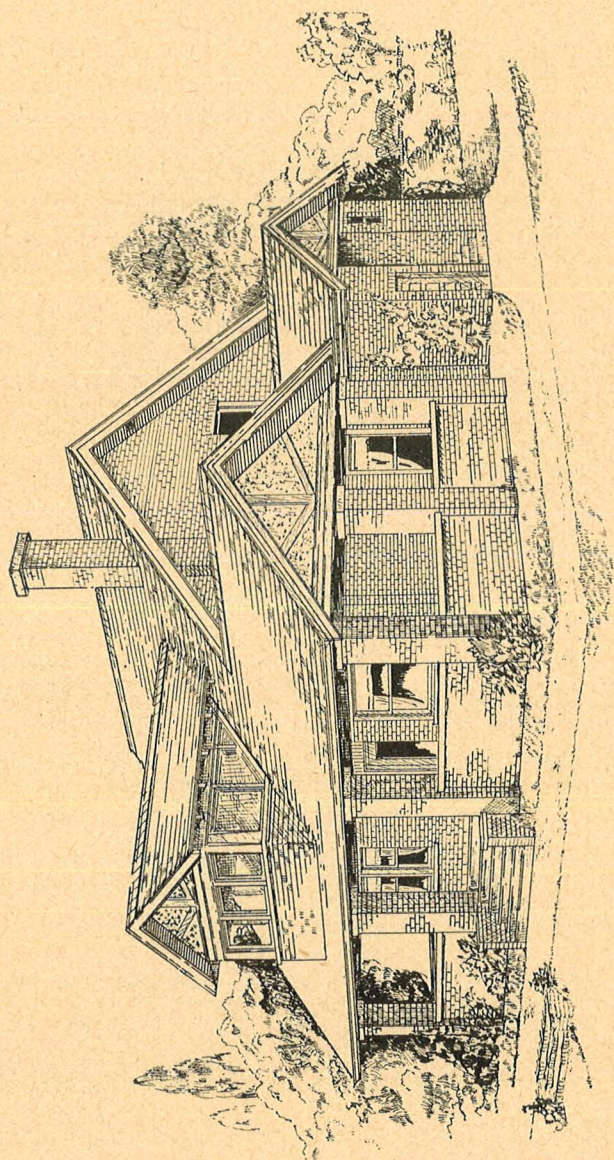
### DRAINAGE

- 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

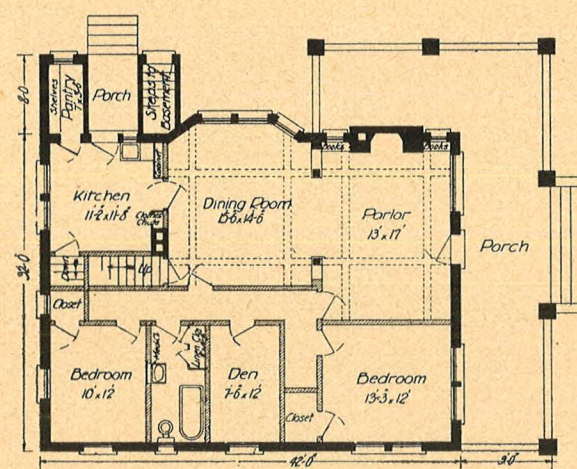
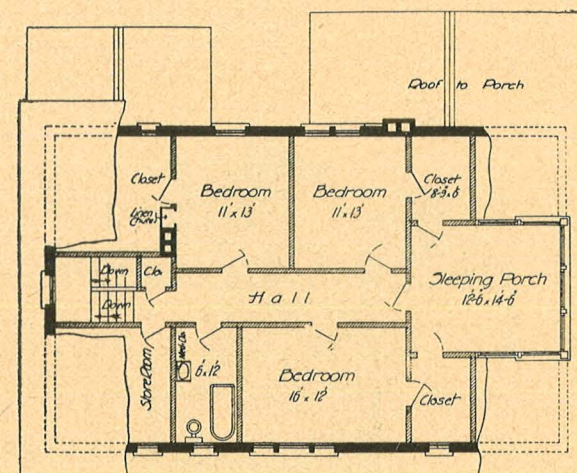
### DWELLING HOUSES

- 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 37'—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



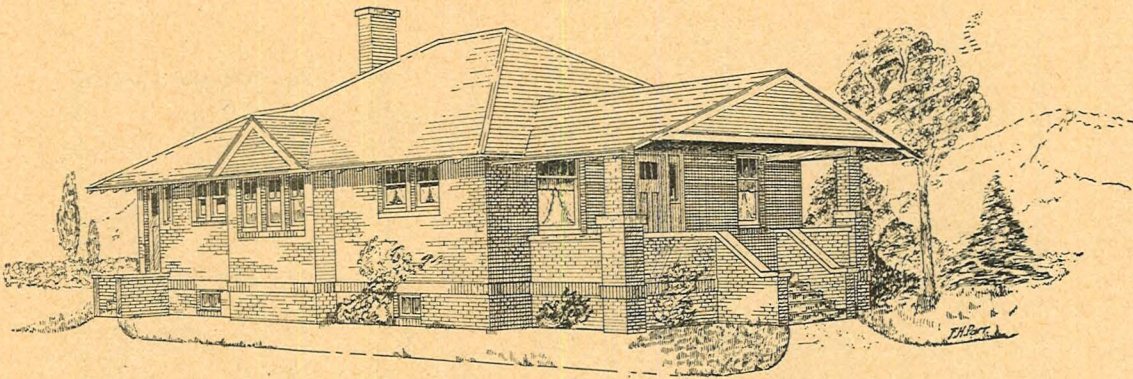


10.71-10 One and One-half Story Brick Bungalow—32' x 42', 9 rooms, 2 bath rooms, sleeping porch.  
Six sheets..... \$ 0.90

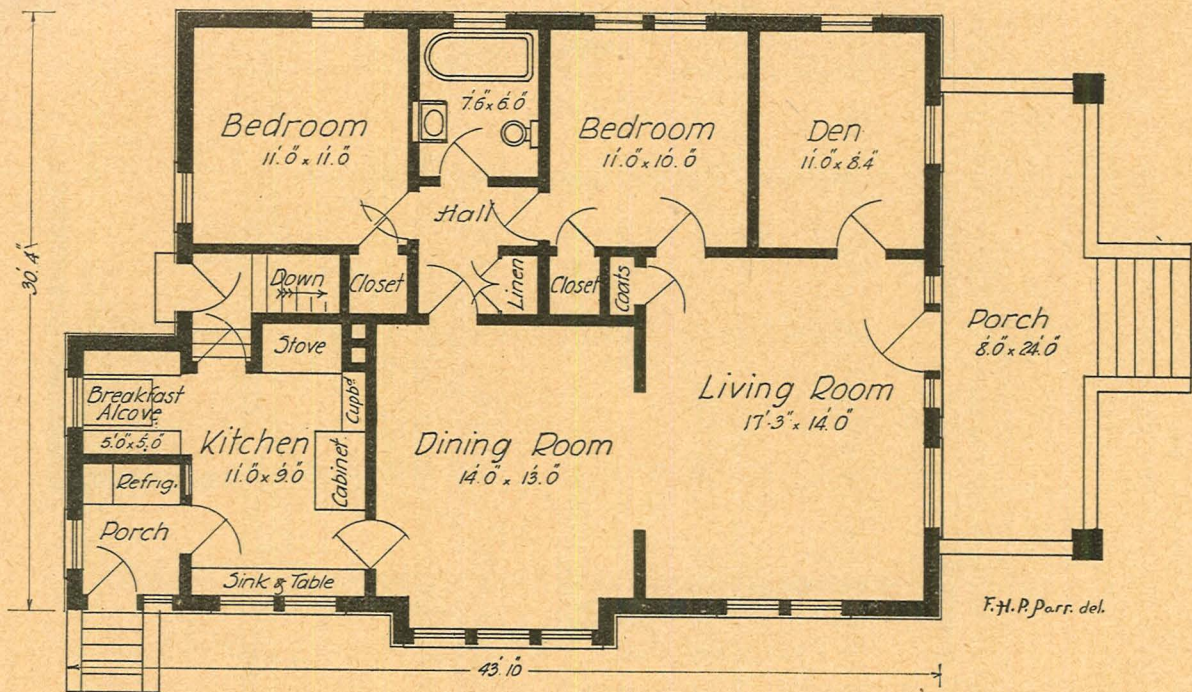


No. 10.71-10



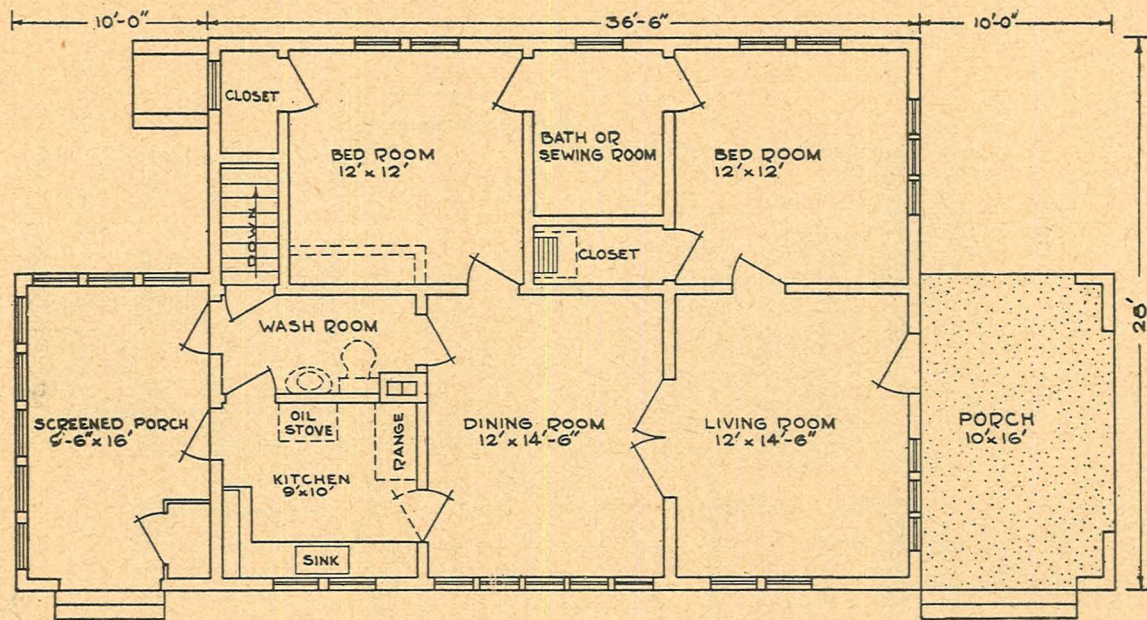


10.71-12 Bungalow—Brick, 38'-4" x 30'-4"—1 story, 6 rooms and bath; suited to east or south facing. \$ 0.90  
 Nine sheets.....



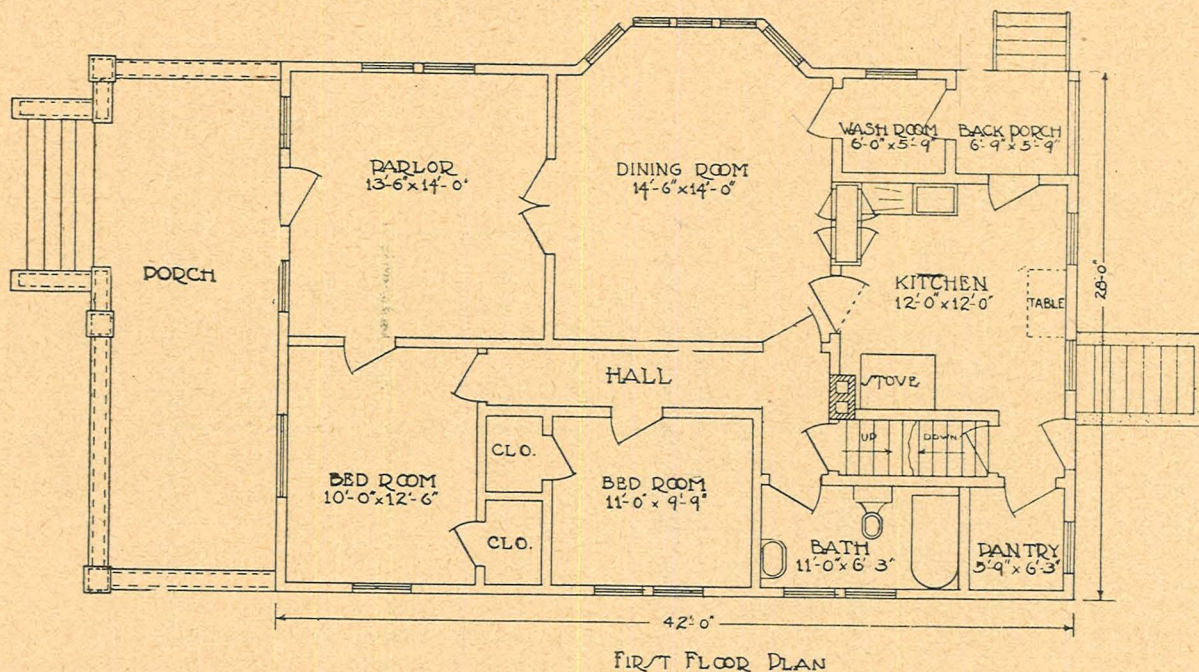
No. 10.71-12





No. 10.71-13A

10.71-13A Farm Bungalow—Frame, 28' x 36'-6"—1 story, 5 rooms, store room, wash room, bath; suitable for east or south facing.  
Seven sheets.....\$ 0.70

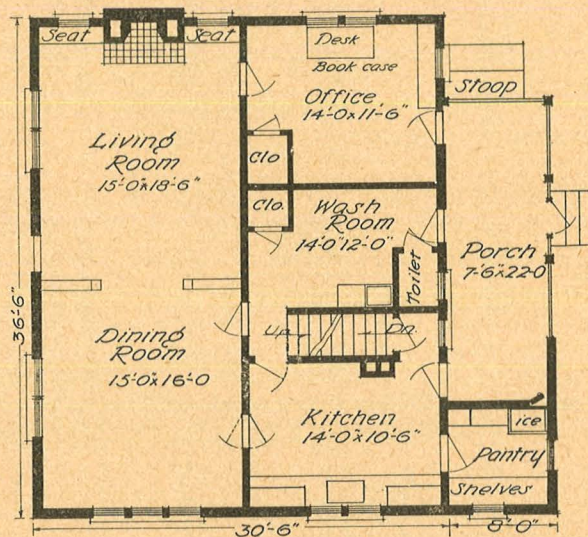


FIRST FLOOR PLAN

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

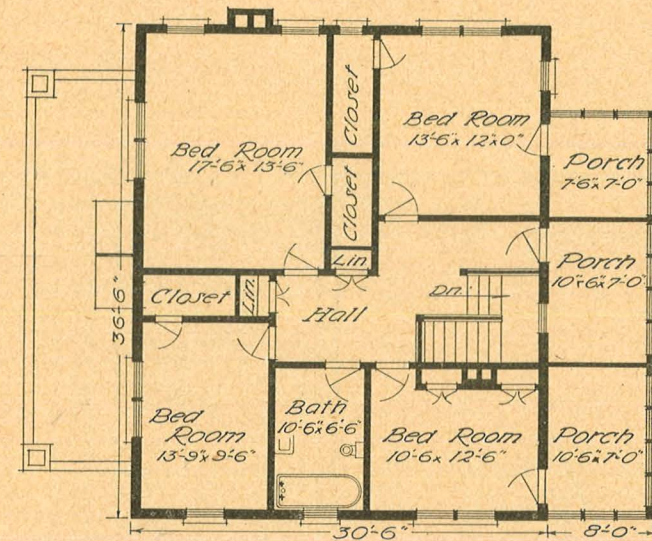


- 10.71-17 Tenant House—Frame, 24' x 26'—1 story, 4 rooms, no bath, outside cellar entrance; east facing. Seven sheets.....\$ 0.70
- 10.71-22 Farm Bungalow—Frame, 28' x 30'—1½ stories, 6 rooms, bath, back sleeping porch; east facing. Six sheets.....\$ 0.60
- 10.71-23 House—Frame, 26' x 30'—2 stories,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



FIRST FLOOR PLAN

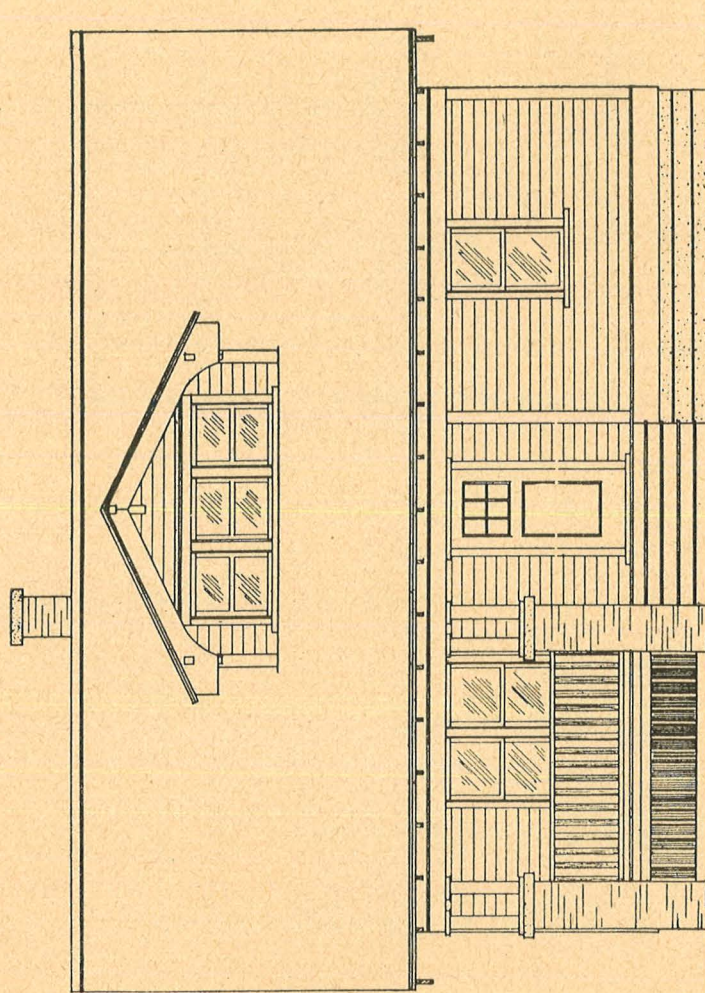
No. 10.71-27



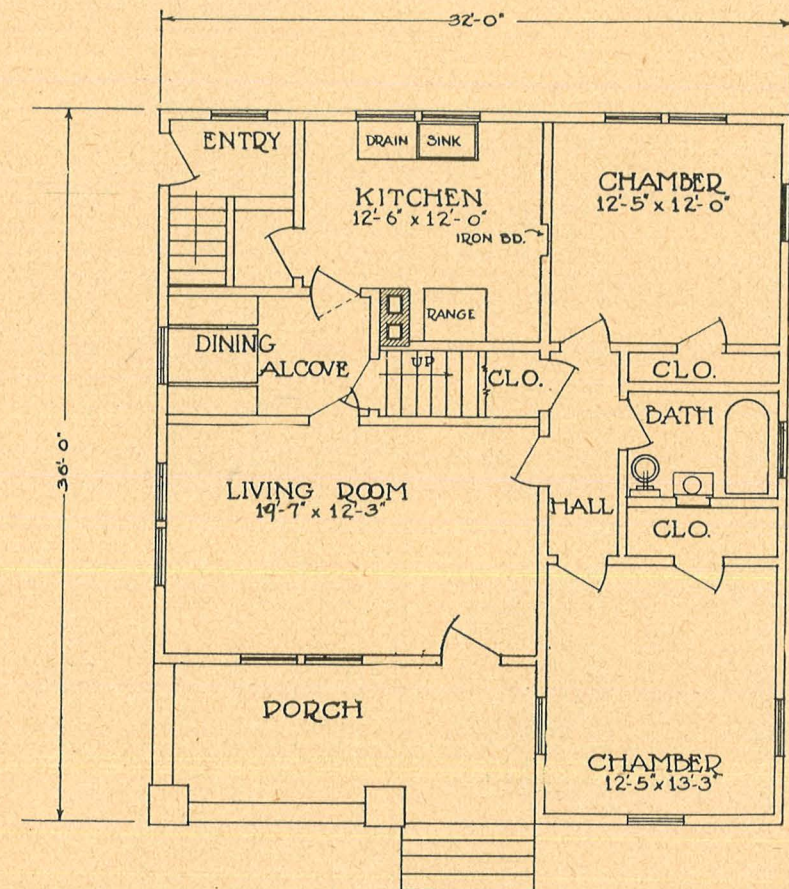
SECOND FLOOR PLAN

- 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, washroom; 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

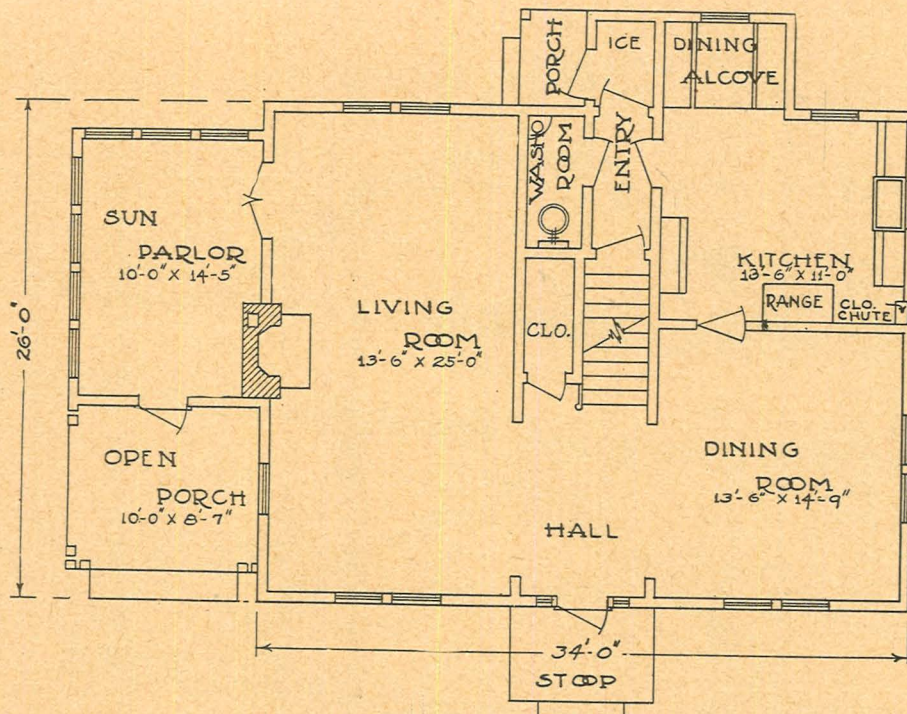
10.71-32 Bungalow — Frame, 32' x 36' — 4 rooms, dining alcove, bath.  
Six sheets ..... \$ 0.90





FRONT ELEVATION

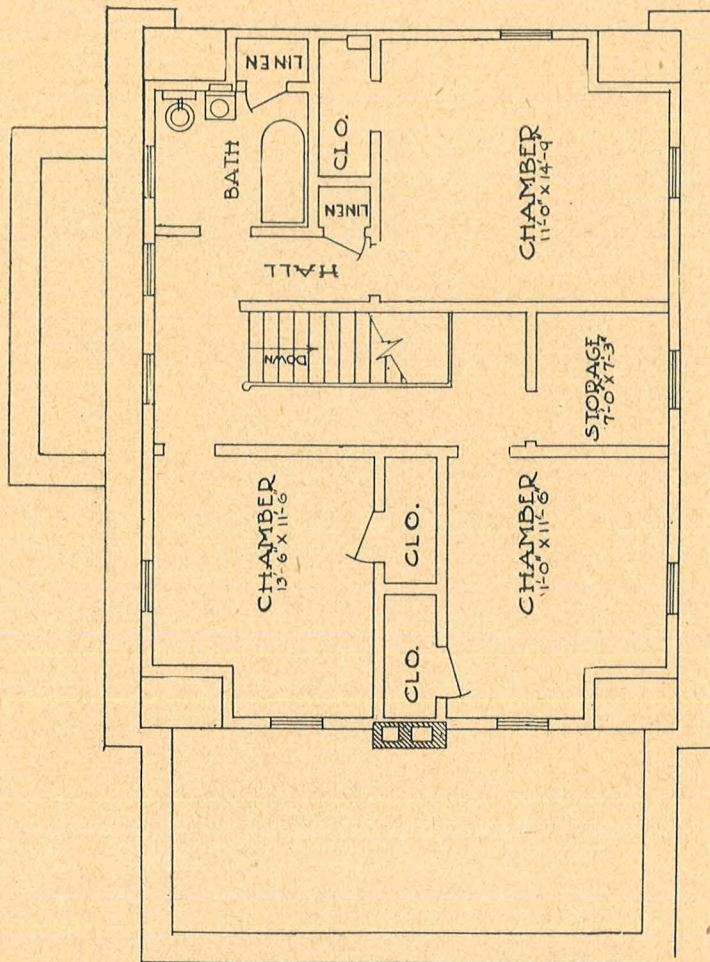
No. 10.71-35



FIRST FLOOR PLAN

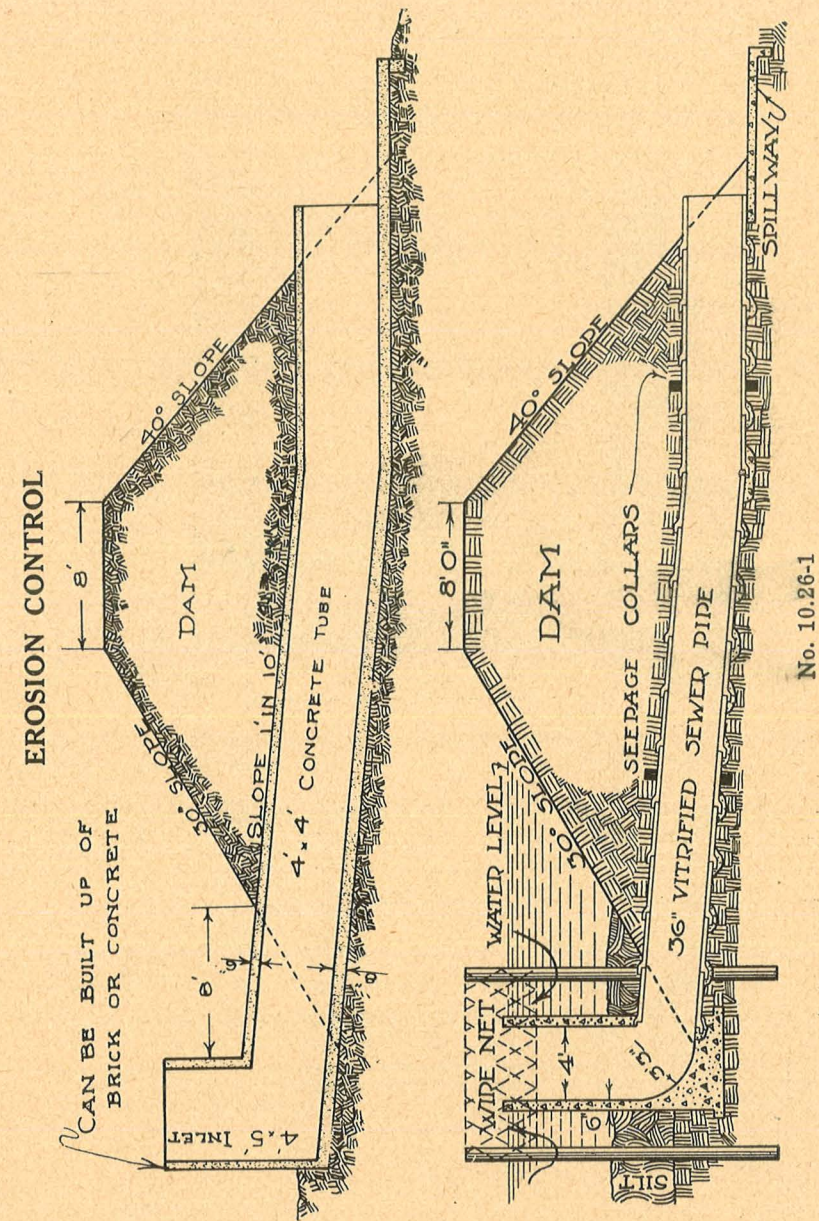
10.71-35 Colonial—Frame, 26' x 34'—7 rooms, sun parlor, dining alcove, washroom first floor; bath, storage rooms on second floor.  
Six sheets .....\$ 0.90





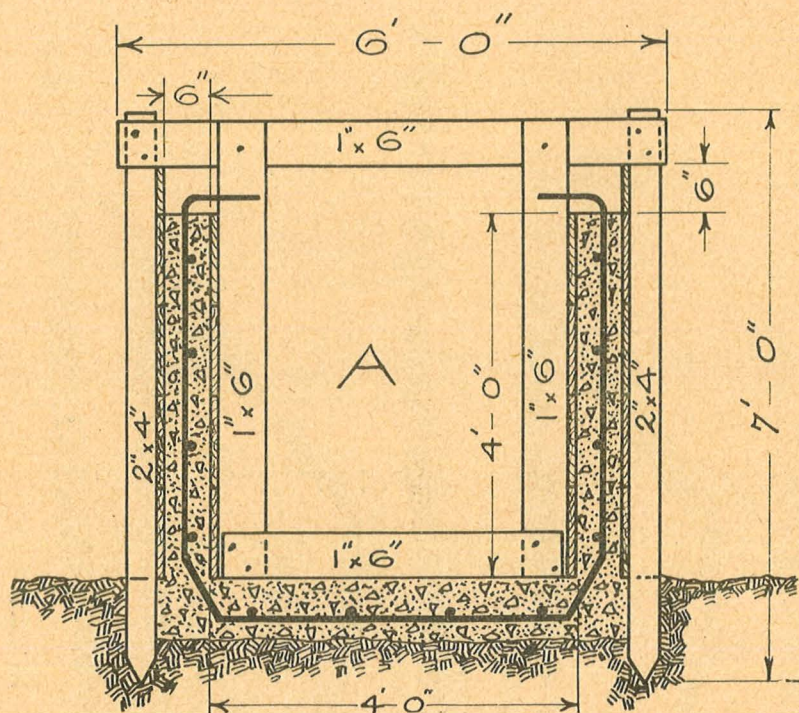
SECOND FLOOR PLAN  
No. 10.71-35

Be sure to order blue prints by number, and to send the money with the order. Read page 5 carefully before mailing the order. Follow directions given there.



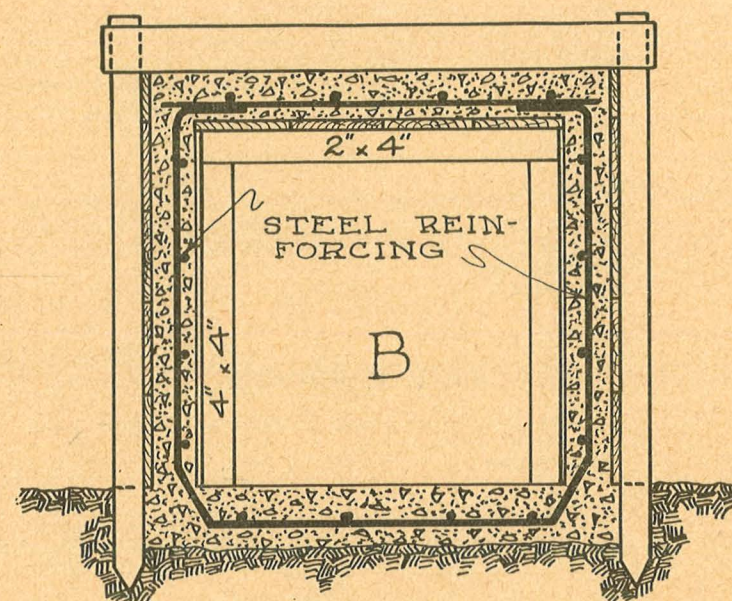
No. 10.26-1





10.26-1 Soil Saving Dam of Earth with Concrete Tube.  
Two sheets .....\$ 0.20

*Be sure to order blue prints by number, and to send the money with the order. Read page 5 carefully before mailing the order. Follow directions given there.*



No. 10.26-1

10.26-6 Terracing Implement—Level and Drag.  
One sheet .....\$ 0.10

### 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



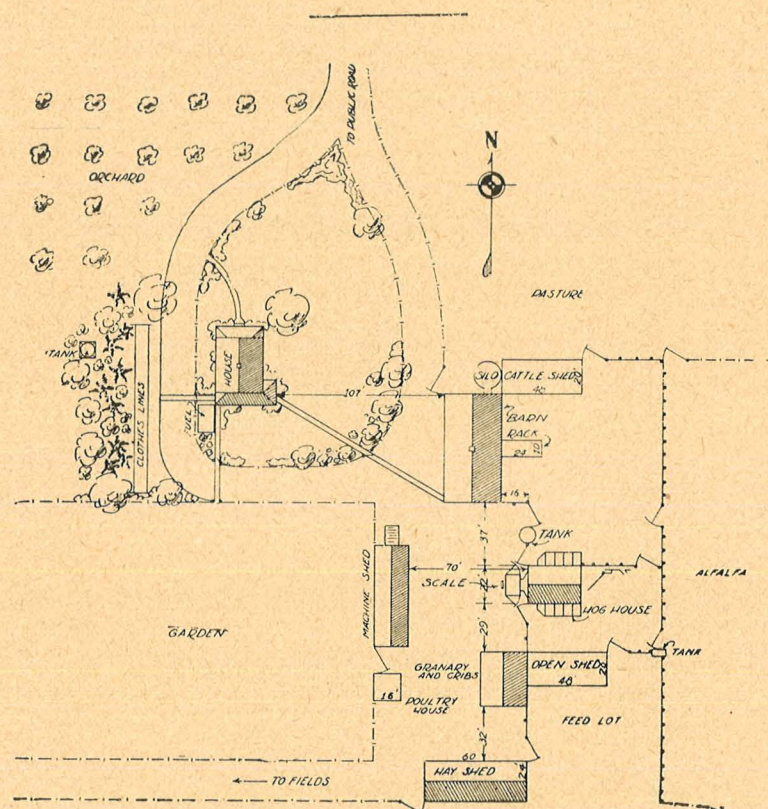
- 10.7911-5 Wayne County Fairgrounds Layout—Shows location of the following buildings: Agricultural Hall, Fine Arts, Judging Pavilion, Hog Barn, Horse Barn, Cattle Barn, Dining Room, Grand Stand, Speed Barn, Rest Room, Poultry Barn; also half mile trotting track.  
Five sheets .....\$ 0.75
- 10.7911-6 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
- 10.7912-9 Cattle Barn—Stucco and frame, 44' x 70'—36 double stalls.  
Five sheets .....\$ 0.75
- 10.7912-10 Swine Exhibit Building—Frame, 22' wide with any desired length; 4 pens for every 12' of length.  
Two sheets .....\$ 0.30

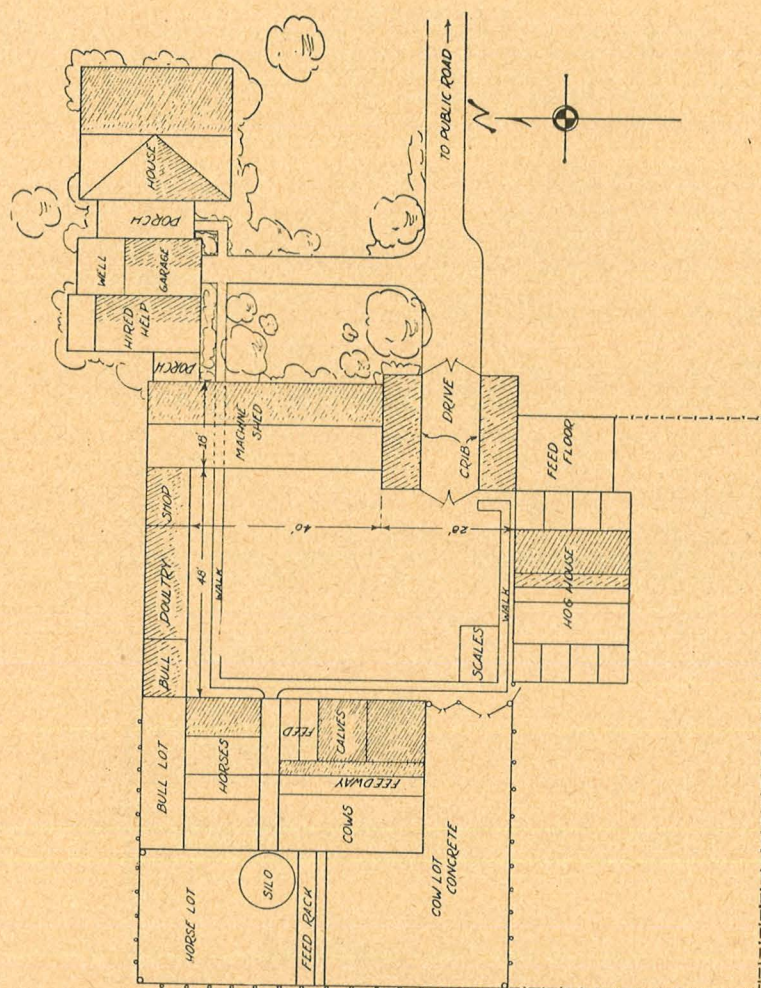
### FARMSTEADS

- 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
- 10.76-5 South Facing Farmstead—Typical for average Nebraska farm.  
One sheet .....\$ 0.15

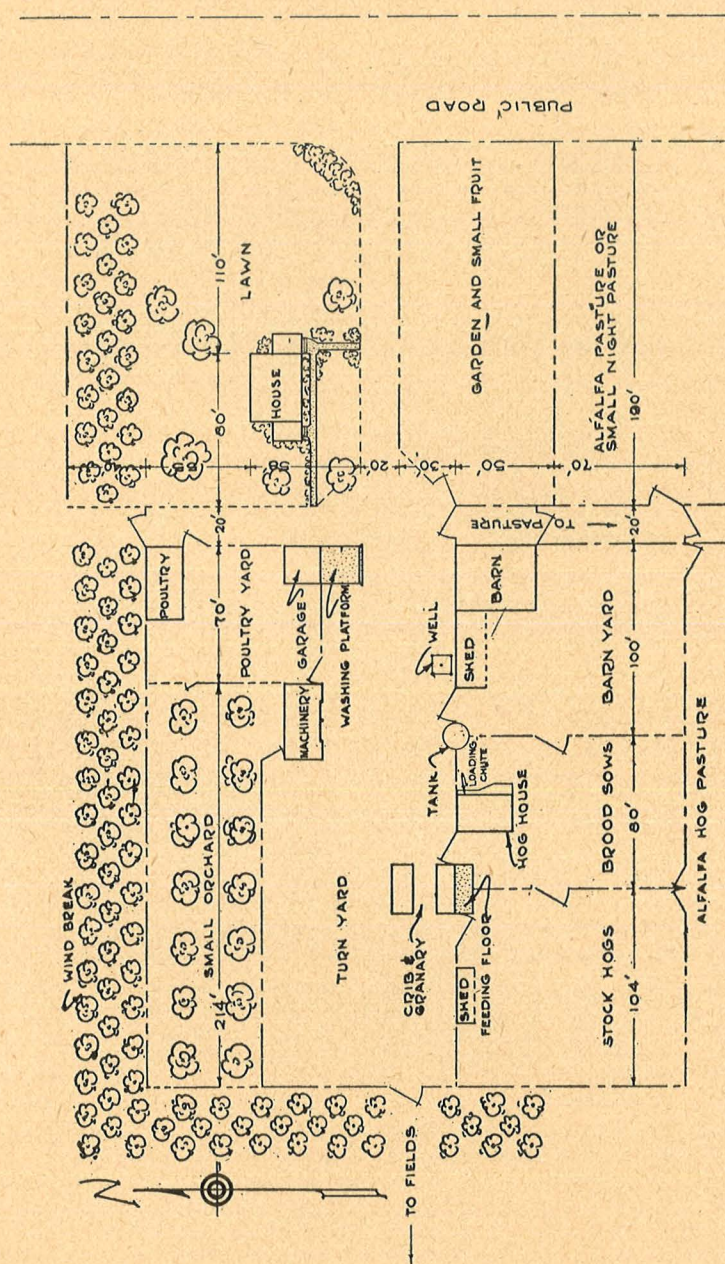




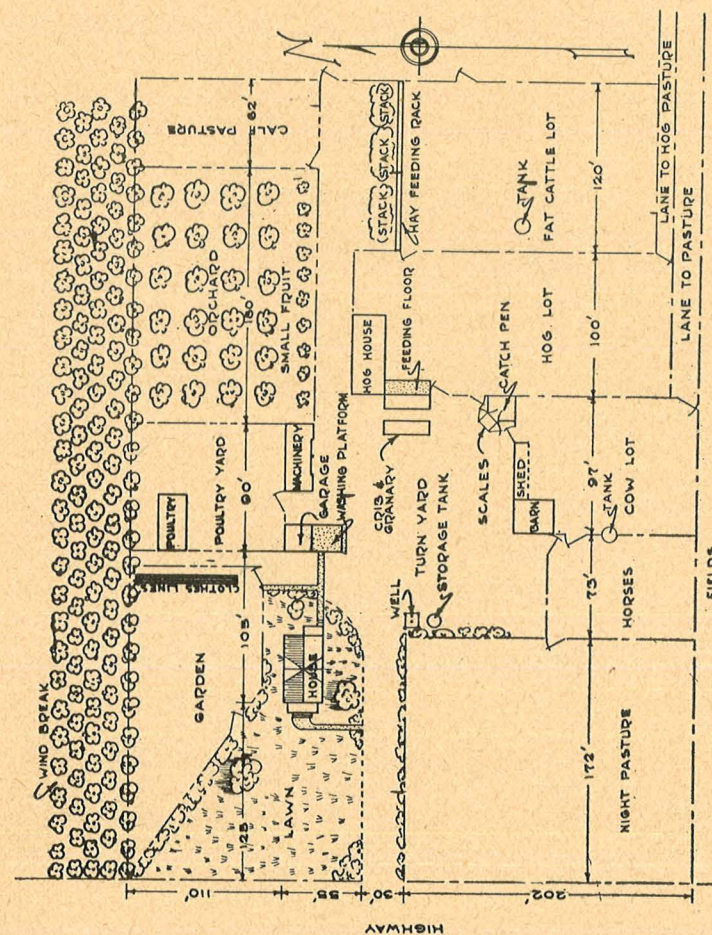
- 10.76-9 Nebraska Farmstead No. 2—East facing; compact arrangement of buildings, suited to fireproof materials.  
One sheet .....\$ 0.15

- 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 yard 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





10.76-151 East Facing Farmstead — General purpose — Designed for southwest slope.  
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 |

#### HOG FEED RACK

- |           |                             |         |
|-----------|-----------------------------|---------|
| 10.7736-1 | Alfalfa Feed Rack—Portable. |         |
|           | One sheet .....             | \$ 0.10 |

#### SHEEP FEED RACKS

- |           |                           |         |
|-----------|---------------------------|---------|
| 10.7735-1 | Hay Rack—Horizontal type. |         |
|           | One sheet .....           | \$ 0.10 |

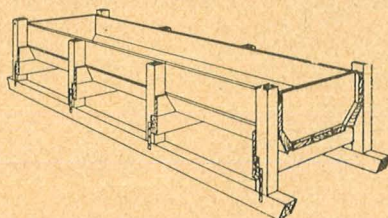
10.76-166 West Facing Farmstead — General purpose — Designed for southeast slope.  
One sheet.....\$ 0.15



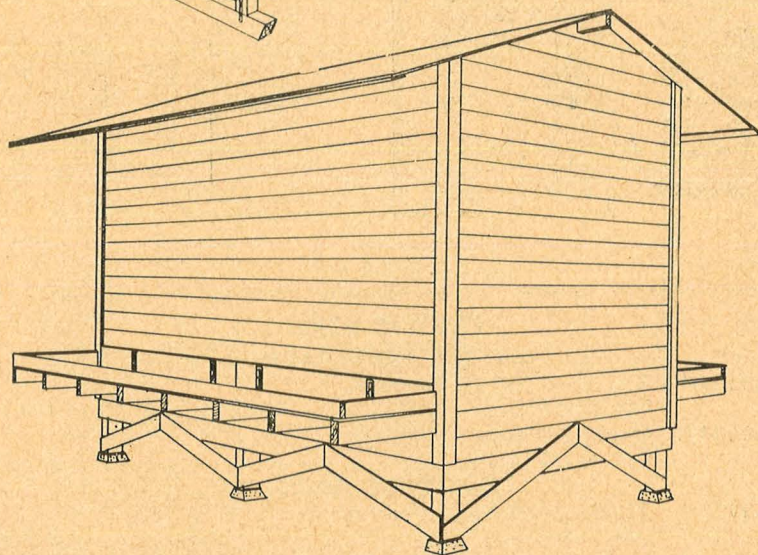
- 10.7735-2 Portable Sheep Rack.  
One sheet .....\$ 0.10
- 10.7735-3 Hay Rack for Sheep.  
One sheet .....\$ 0.10
- 10.7735-4 Hay and Grain Rack for Sheep.  
One sheet .....\$ 0.10

**FEEDING FLOORS AND YARDS**

- 10.774-2 Sheep Shearing Pens—Pens, shearing platform, engine room.  
One sheet .....\$ 0.10
- 10.774-3 Sheep Feeding Yards—288' square.  
One sheet .....\$ 0.10
- 10.774-4 Small Sheep Yard—96' x 144'.  
One sheet .....\$ 0.10
- 10.774-6 Movable Sheep Pen.  
One sheet .....\$ 0.10

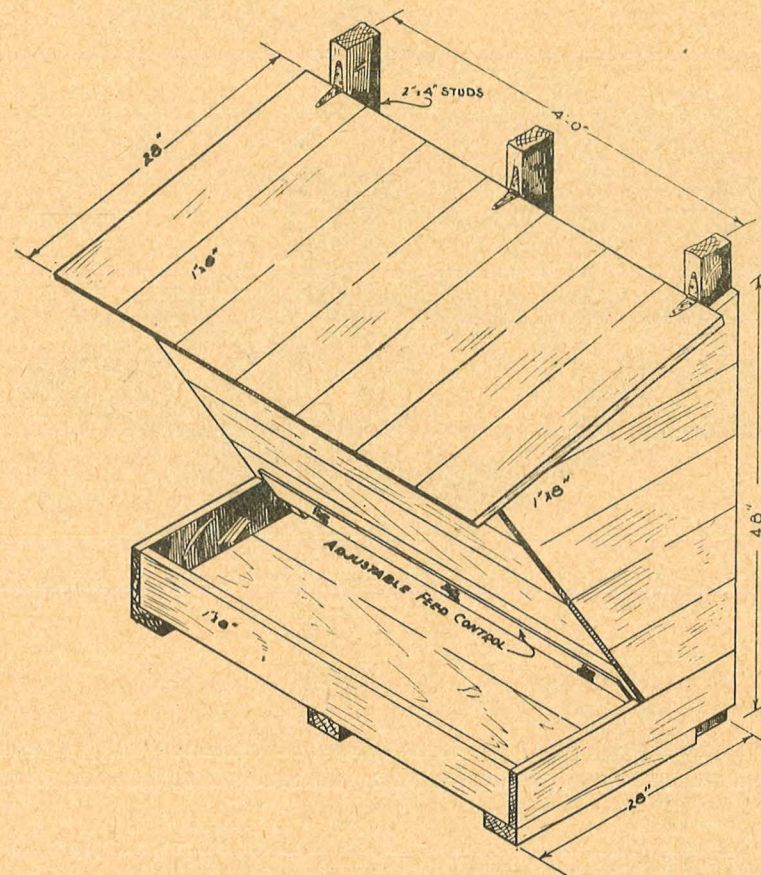
**FEEDERS****CATTLE FEEDERS**

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



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

- 10.7724-3 Calf Feeder—Creep feeder type which can be placed on wagon frame, fits between bolsters.  
One sheet .....\$ 0.15

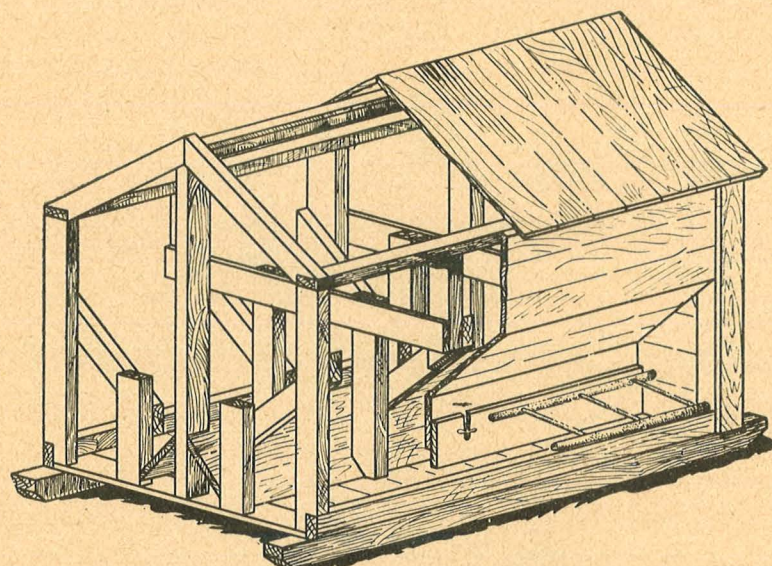


- 10.7724-4 Baby Beef Feeder—Can be fastened to studs of fence posts. (Illustration above.)  
One sheet .....\$ 0.15

**HOG FEEDERS**

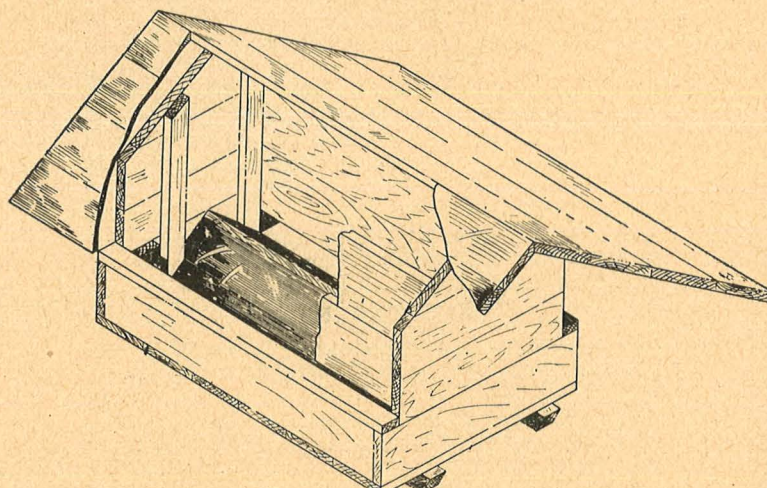
- 10.7726-1 Self Feeder for Hogs—Iowa type, double side feeder; portable, two doors on top; capacity, 4 bushels.  
One sheet .....\$ 0.15
- 10.7726-2 Self Feeder for Hogs—Iowa type, single side feeder; portable, single door on top; capacity, 2 bushels.  
One sheet .....\$ 0.15
- 10.7726-4 Self Feeder for Hogs—6' x 16'—Two bins, concrete base, stationary; capacity, 650 bushels.  
One sheet .....\$ 0.15





- 10.7726-6 Self Feeder for Hogs—4' x 6'—Portable, double side feeder, galvanized iron flaps to prevent loss of feed. Framed in 2-foot bents; capacity, 60 bushels.  
One sheet .....\$ 0.15

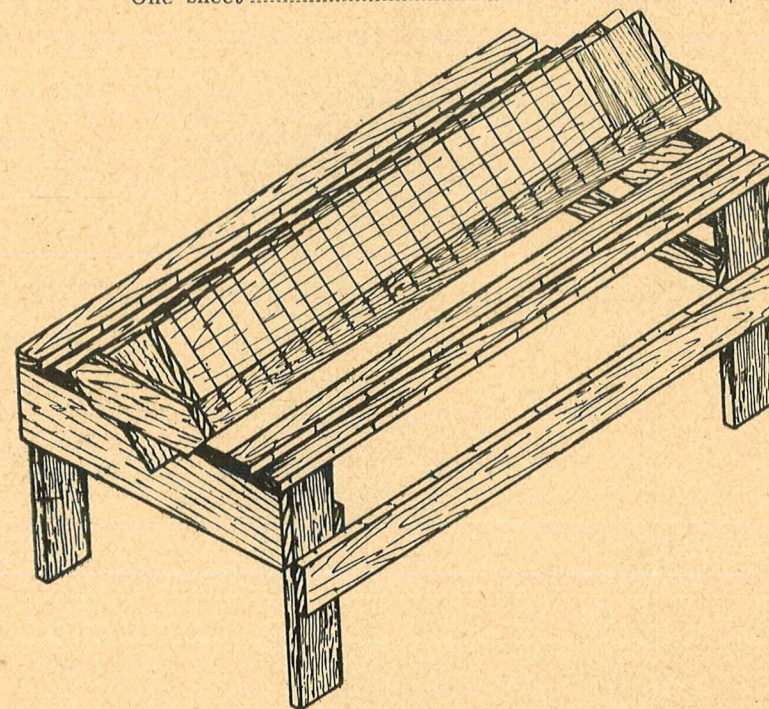
#### POULTRY FEEDERS



No. 10.7727-3

- 10.7727-3 Poultry Feeder—Dry mash, outdoor type.  
One sheet .....\$ 0.15

- 10.7727-1 Poultry Feeder—Dry mash, outdoor, grit and shell feeders.  
One sheet .....\$ 0.10



- 10.7727-4 Poultry Feeder—Indoor type. (Illustration above.)  
One sheet .....\$ 0.15

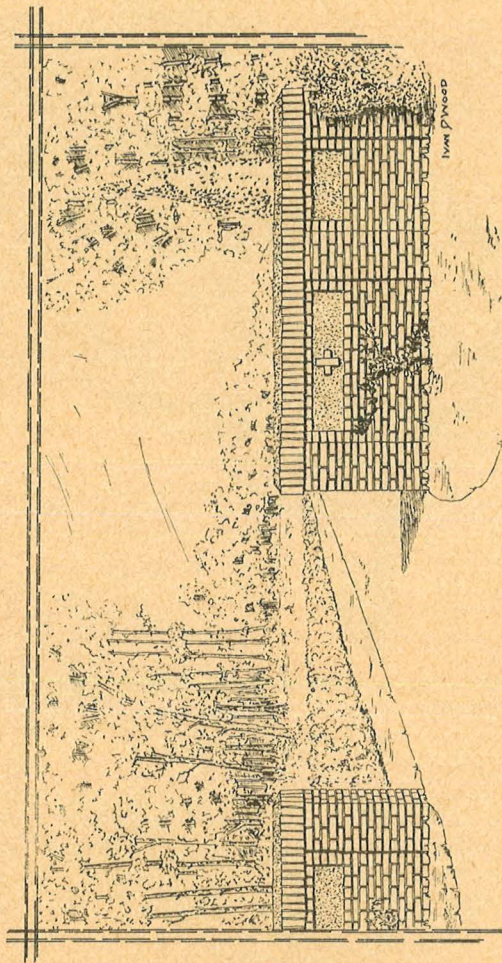
#### SHEEP FEEDERS

- 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

#### FENCES

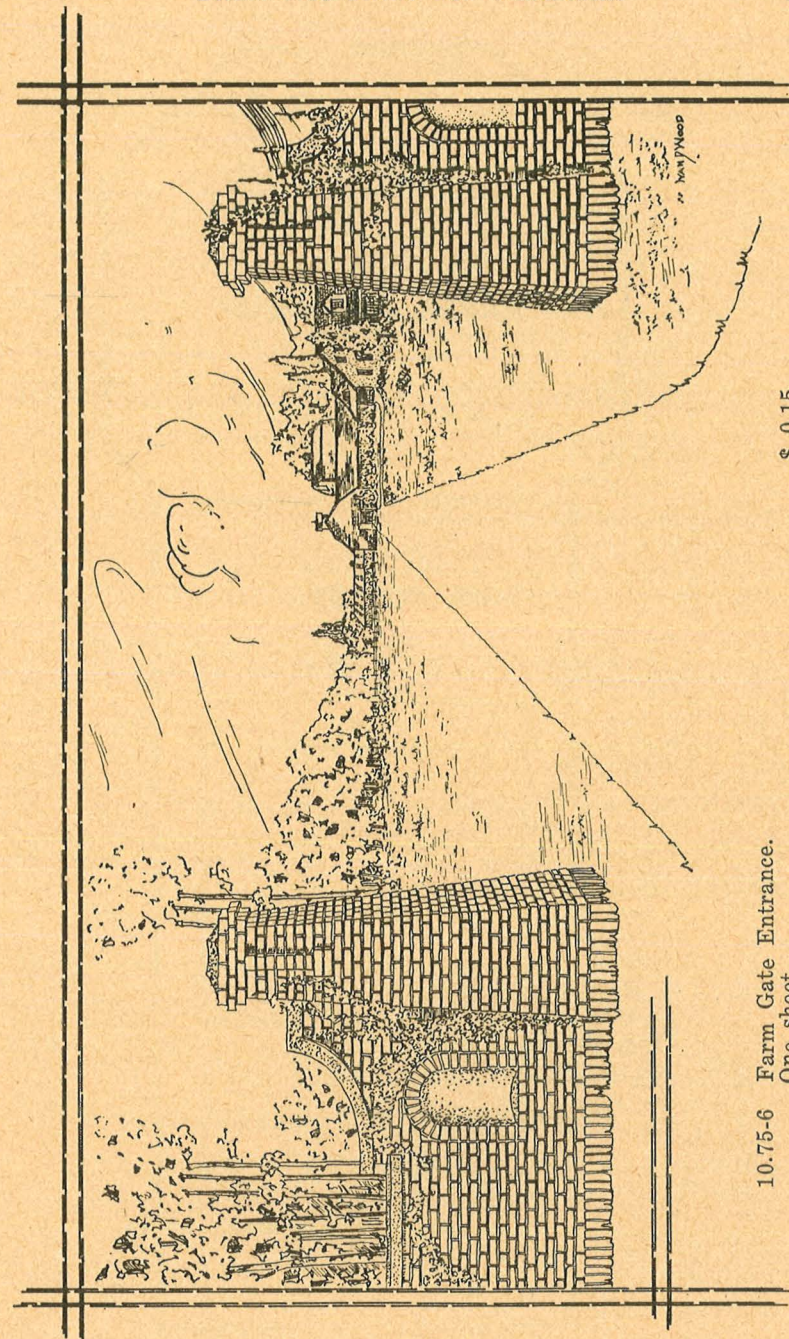
- 10.75-1 Mould for Concrete Fence Posts.  
One sheet .....\$ 0.10  
10.75-4 Brick Farm Entrance.  
One sheet .....\$ 0.10





10.75-5 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

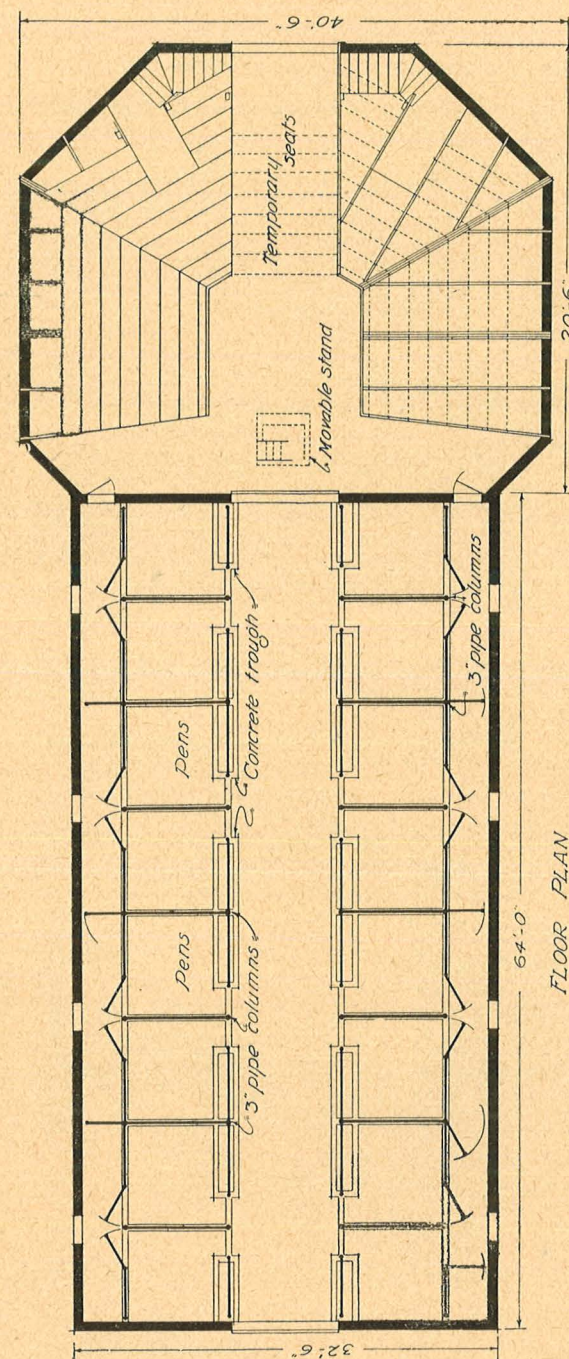
- 10.743-1 Tile Fuel House—13'-1" x 10'-5".  
Two sheets .....\$ 0.20

## HAY BARN 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

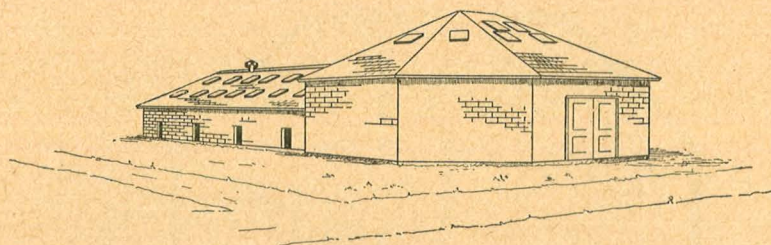
## HOG HOUSES

- 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
- 10.726-10 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

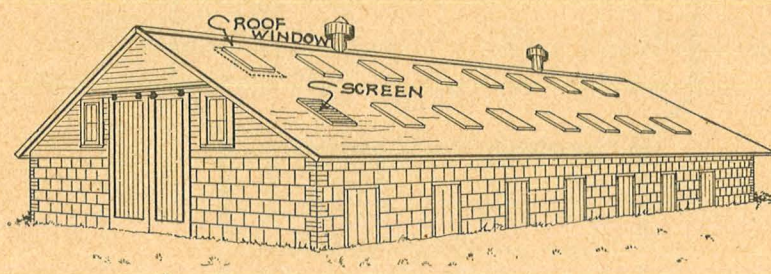


10.726-17 Wide Hog House—Clay block, 32'-6" x 64', plus a sales pavilion—north and south type, 16 pens, 3 alleys.  
Eight sheets .....\$ 1.20

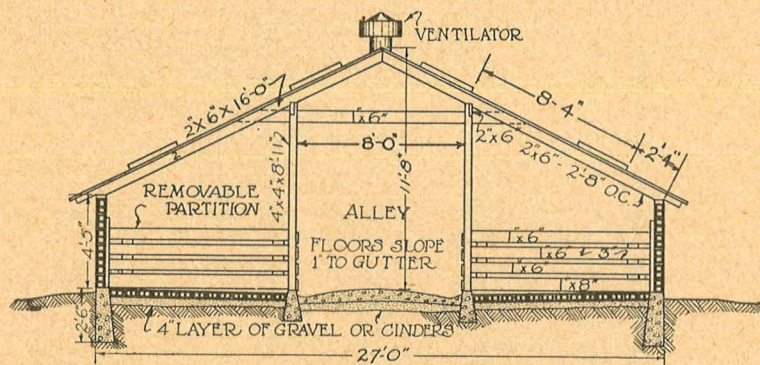




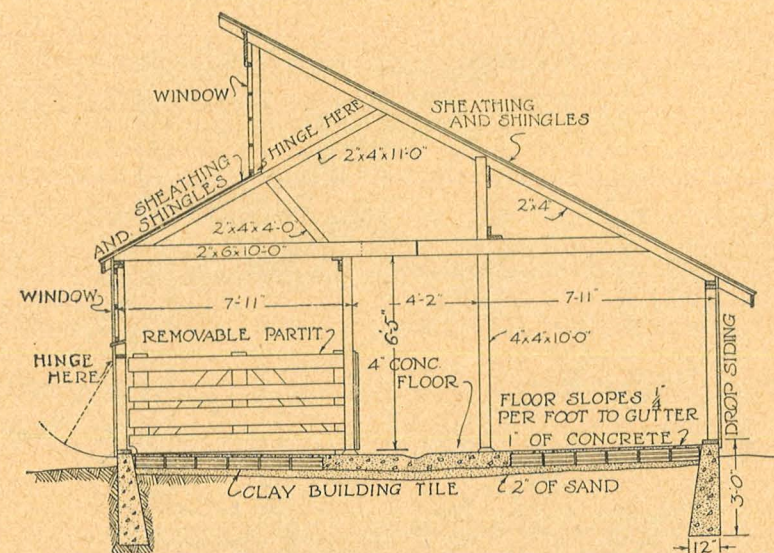
No. 10.726-17



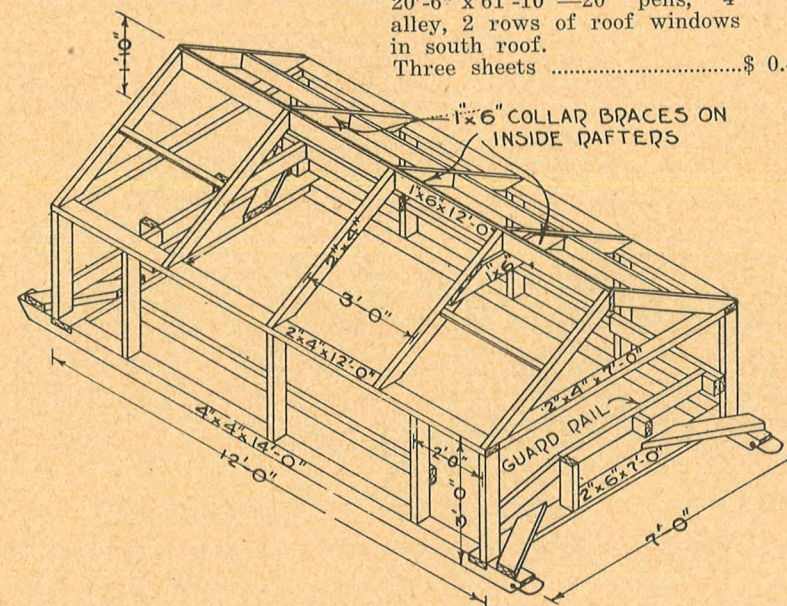
- 10.726-18 Clay Block Hog House—27' x 50'-3"—North and south type—14 pens, grain bin, and bunk room, 8' alley.  
Three sheets.....\$ 0.45



No. 10.726-18

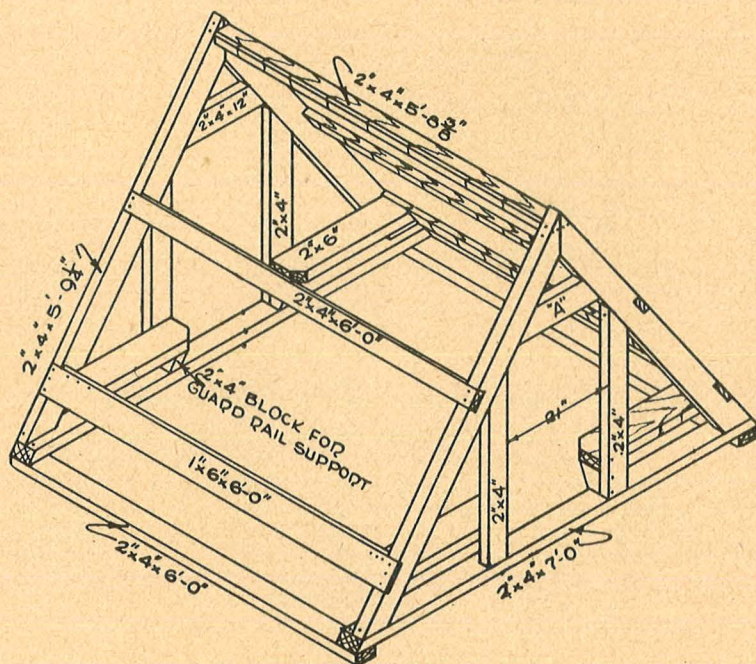


- 10.726-19 South Facing Colony Hog House—Frame, 20' x 30'—East and west type, half monitor, 10 pens.  
Nine sheets.....\$ 0.90
- 10.726-21 Gambrel Roof, South Facing Hog House—Tile, 20'-6" x 61'-10"—20 pens, 4' alley, 2 rows of roof windows in south roof.  
Three sheets .....\$ 0.45



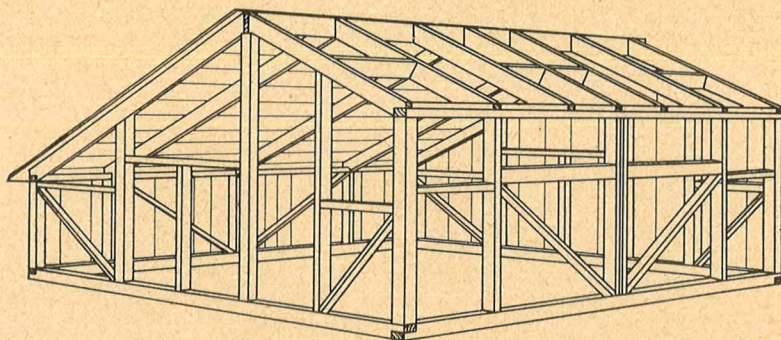
- 10.726-23 Two-Sow Hog House—Frame, 7' x 12'—Portable, solid partition in center. One sheet.....\$ 0.15





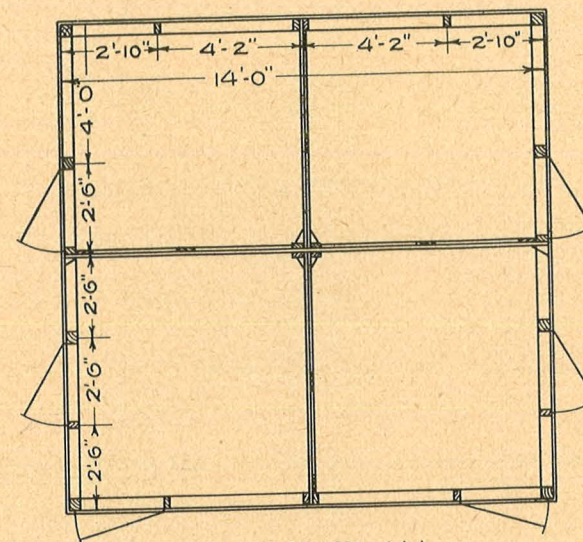
No. 10.726-22

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



PERSPECTIVE OF FRAMING

- 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 |
| 10.711-2 | Service Wagon.   |         |
|          | One sheet .....  | \$ 0.15 |
| 10.711-3 | Step Stool.      |         |
|          | One sheet .....  | \$ 0.10 |

## ICE HOUSES AND ICE EQUIPMENT

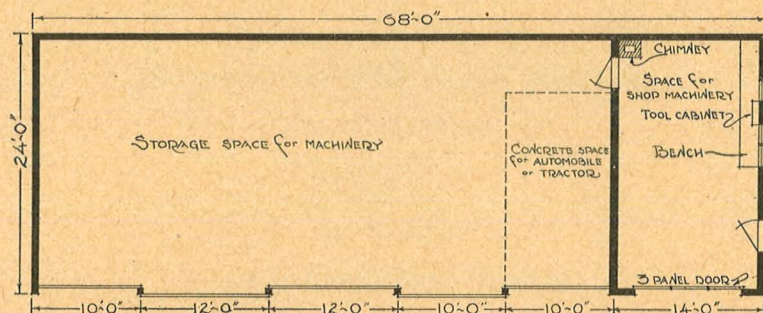
- |          |  |         |
|----------|--|---------|
| 10.745-1 | Ice House and Cooler—Ice compartment 10' x 11', concrete cooling cellar 6'-6" x 11', underground with frame roof.  |         |
|          | Two sheets .....   | \$ 0.30 |
| 10.745-2 | Butcher, Smoke, and Ice House—14' x 30'—Ice compartment 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 |



- 10.7451-1 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-pound cake.  
One sheet .....\$ 0.05

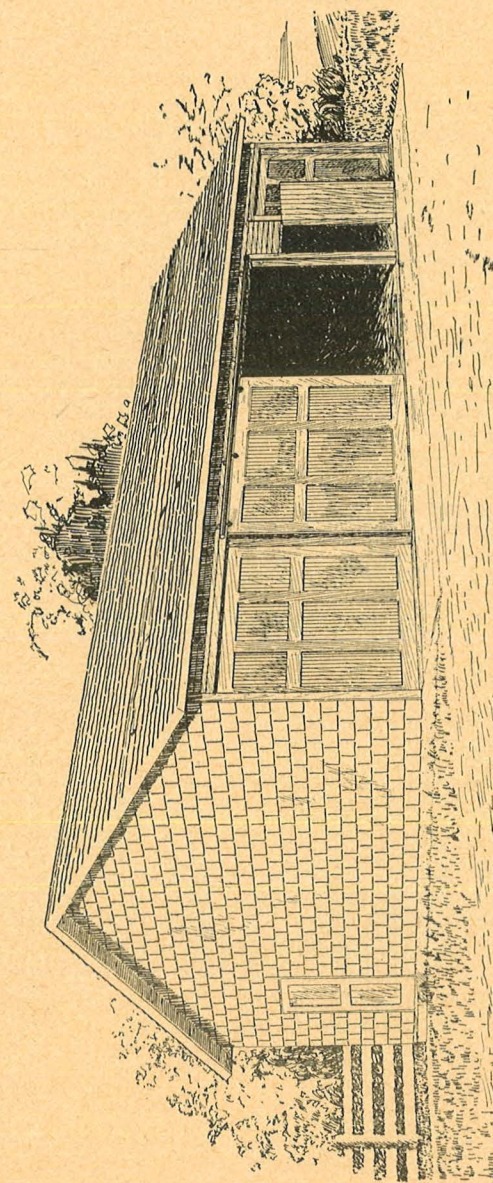
### MACHINE SHEDS AND GARAGES

- 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, rolling doors on front.  
Two sheets .....\$ 0.30



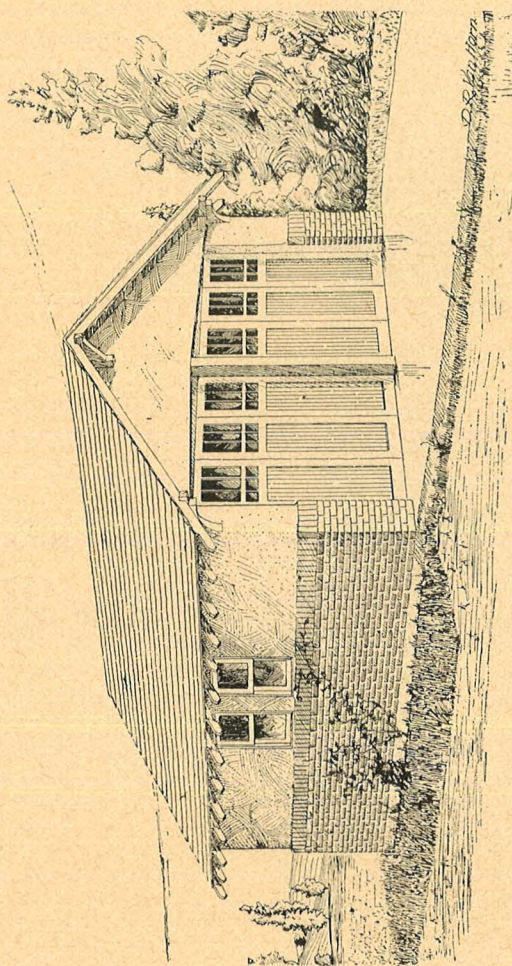
No. 10.741-5

*Be sure to order blue prints by number, and to send the money with the order. Read page 5 carefully before mailing the order. Follow directions given there.*



- 10.741-5 Machine Shed—Tile, 24' x 68'—Shop 14' x 24' at one end; south facing, sliding doors.  
Five sheets.....\$ 0.75
- 10.741-6 Garage and Tool Shed—Frame, 12' x 26'.  
Two sheets.....\$ 0.20





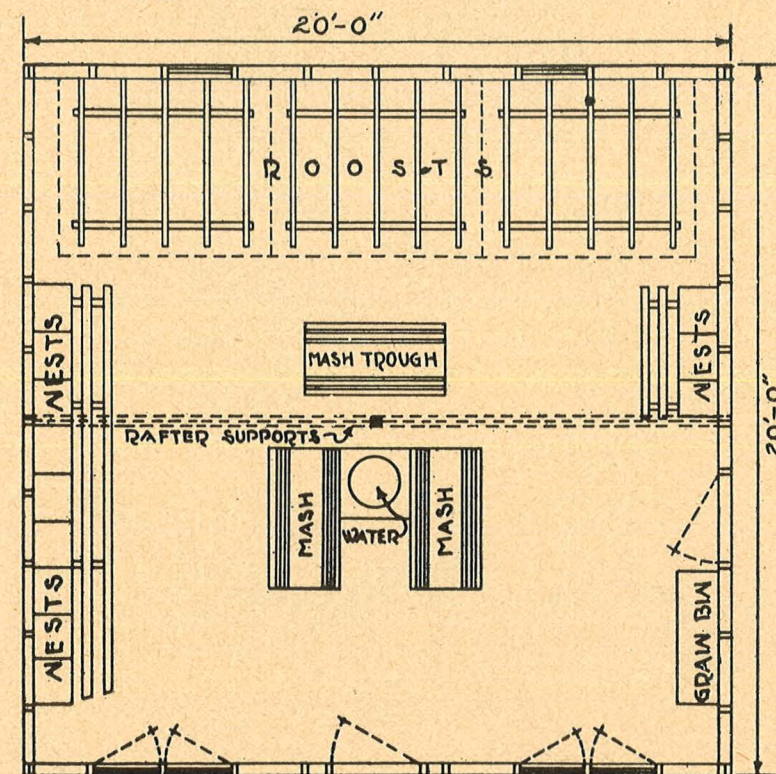
10.741-7	Two Car Garage—Brick and stucco, 20' x 20'. Two sheets	\$ 0.30
10.741-8	Tile Garage, 12' x 20'. Three sheets	\$ 0.30
10.741-9	Tile and Brick Garage—Two car, 20' x 20'. Two sheets	\$ 0.20
10.741-12	Two Car Garage—Frame, 20' x 20'. One sheet	\$ 0.15
10.741-13	Single Car Garage—Frame, 12' x 18'. Two sheets	\$ 0.30
10.741-14	Garage and Work Shop—Frame, 18' x 20'. Two sheets	\$ 0.30

## MISCELLANEOUS

10.791-7	Grand Stand—32' x 128'—Approximate capacity, 1,000. One sheet	\$ 0.15
10.791-8	Concrete Swimming Pool—50' x 80'. 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

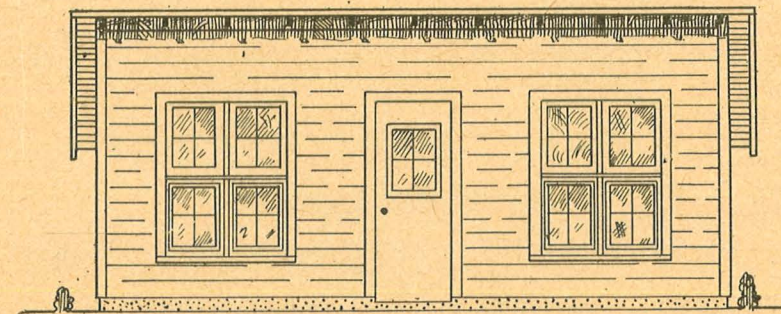
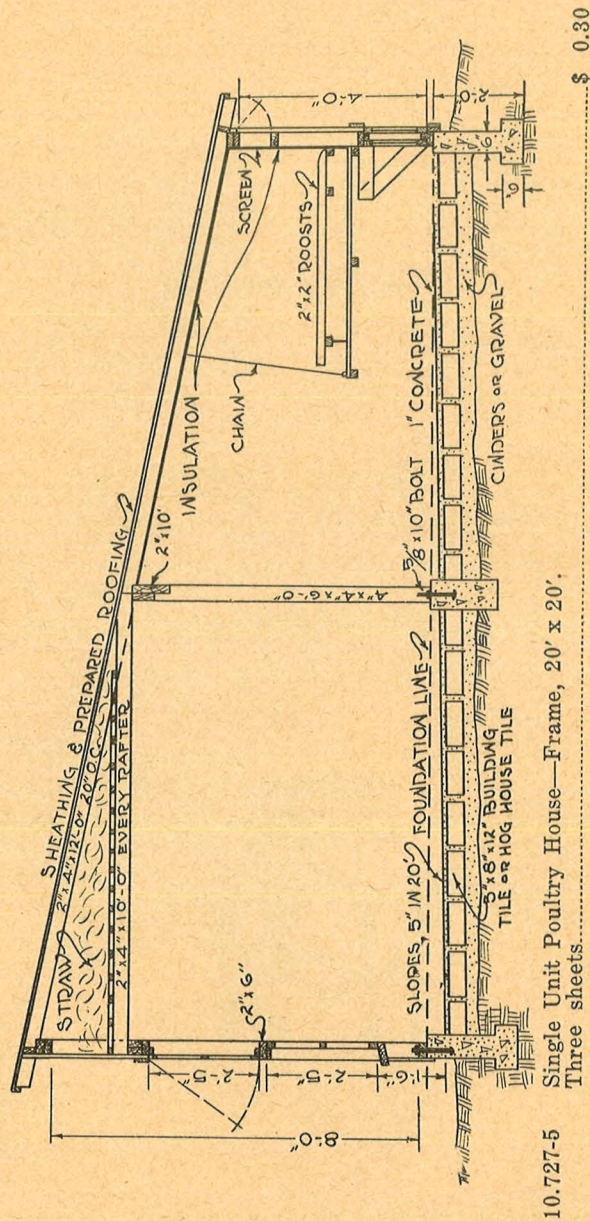
## POULTRY HOUSES

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



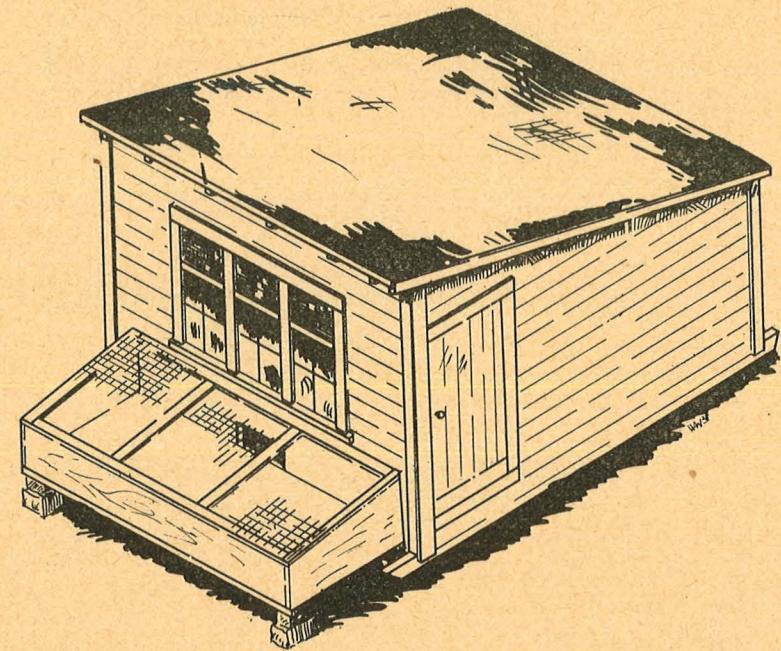
No. 10.727-5





SOUTH ELEVATION

No. 10.727-5

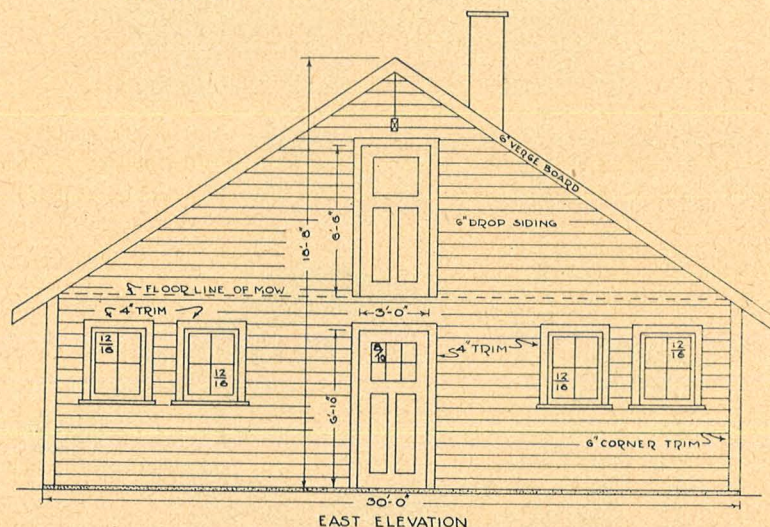


No. 10.727-9

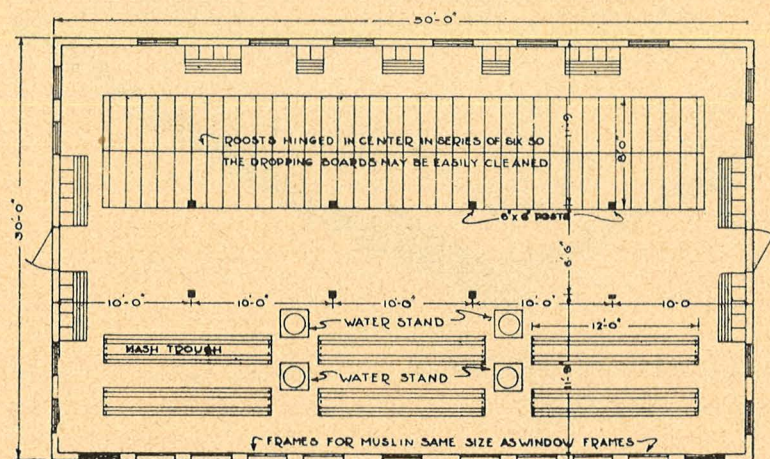
10.727-9 Brooder House—Frame, 10' x 12', sun parlor  
attached.  
Three sheets.....\$ 0.45



- 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
- 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

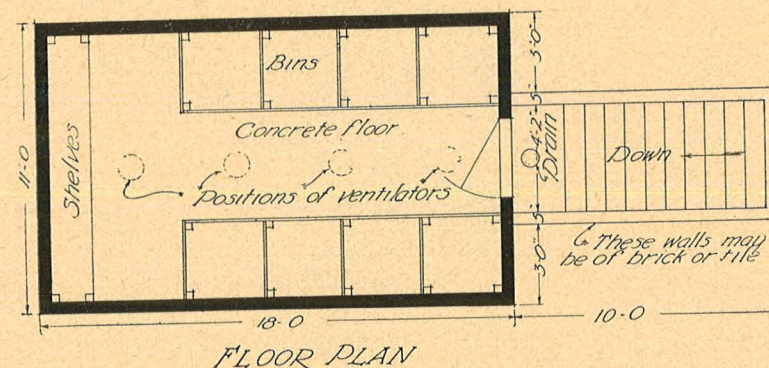


No. 10.727-11

- 10.727-12 Double Unit Brooder House—Frame, 12' x 16'—  
stationary.  
One sheet.....\$ 0.15
- 10.727-14 Single Unit Poultry House—Frame, 20' x 20'—Straw  
loft; gable roof.  
Four sheets.....\$ 0.40
- 10.727-15 Turkey Roosting Shed—8' x 12'—portable.  
One sheet.....\$ 0.15

## STORAGE CELLARS

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



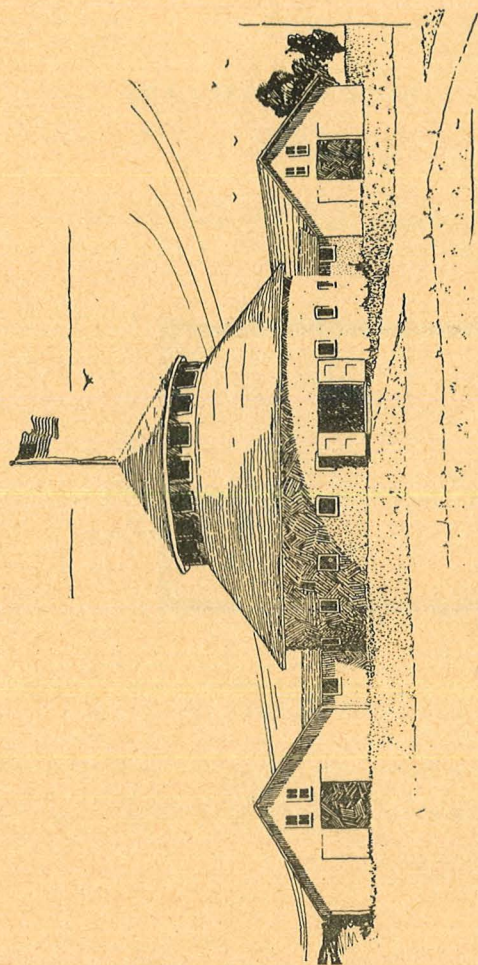
FLOOR PLAN

- 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

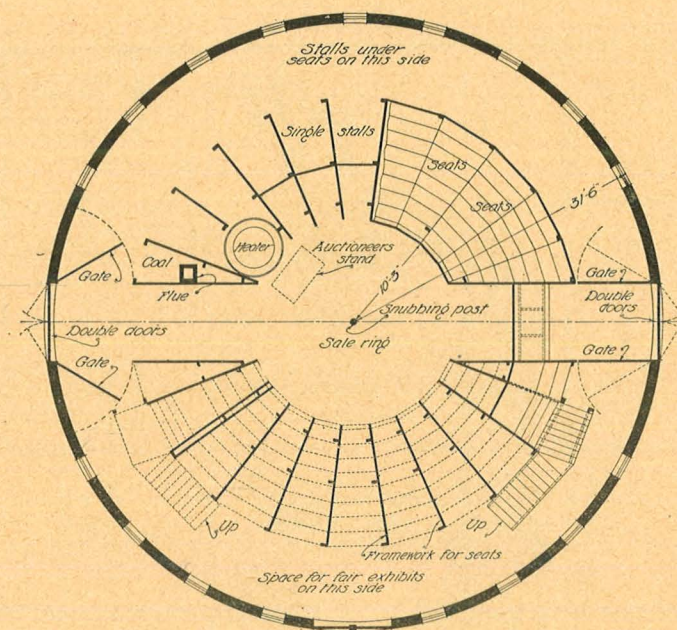
Be sure to order blue prints by number, and to send the money with the order. Read page 5 carefully before mailing the order. Follow directions given there.



## SALES PAVILIONS



10.7913-1 Round Sales Pavilion—Frame, stucco walls—Outside diameter 67', ring diameter 16', seating capacity approximately 1,000, stall room for 30 head under seats.  
Eight sheets.....\$ 1.20



FLOOR PLAN

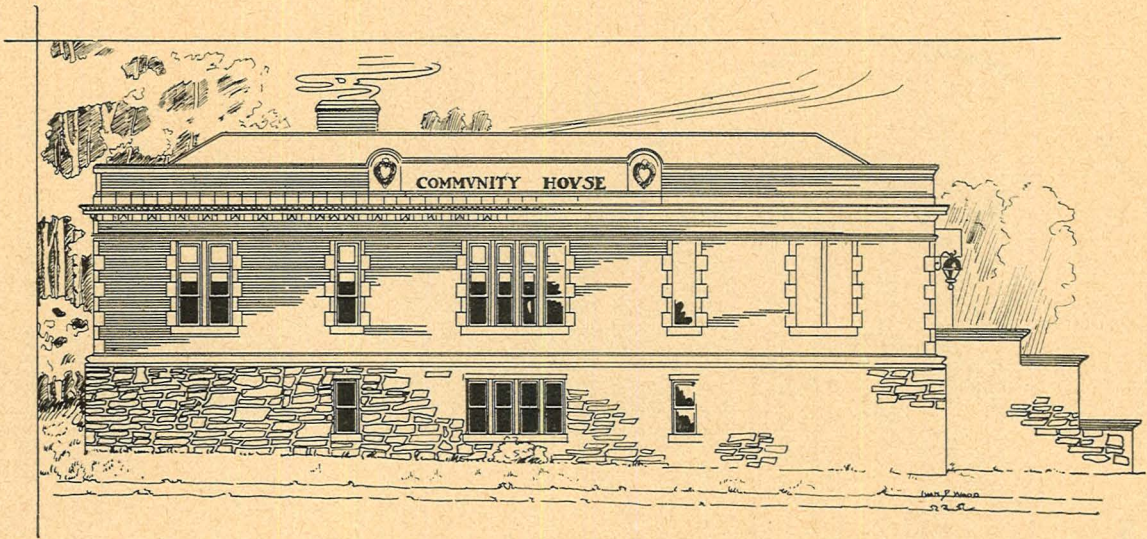
No. 10.7913-1

- 10.7913-2 Sales Pavilion and Barn, Hexagonal—Frame—Pavilion 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 AND COMMUNITY HOUSES

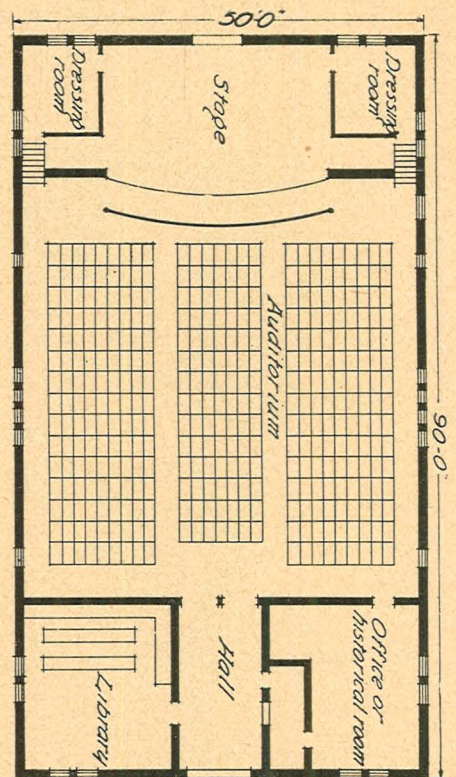
- 10.791-1 One-room School House—Frame, 35' x 40'—No basement, faces north or west.  
Five sheets.....\$ 0.50
- 10.791-2 Two-room School House—Frame, 66' x 39'-9"—Full basement, faces north or west.  
Four sheets.....\$ 0.60
- 10.791-3 School House—44' x 74', two story, partial basement, gymnasium; primary,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





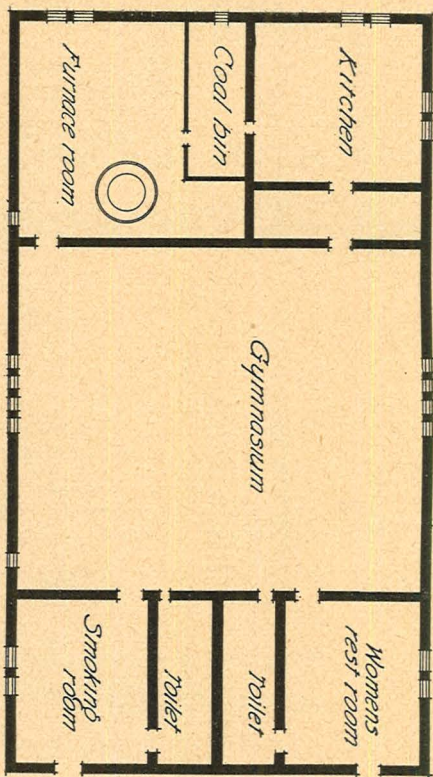
No. 10.791-5

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



FLOOR PLAN

No. 10.791-5



BASEMENT PLAN

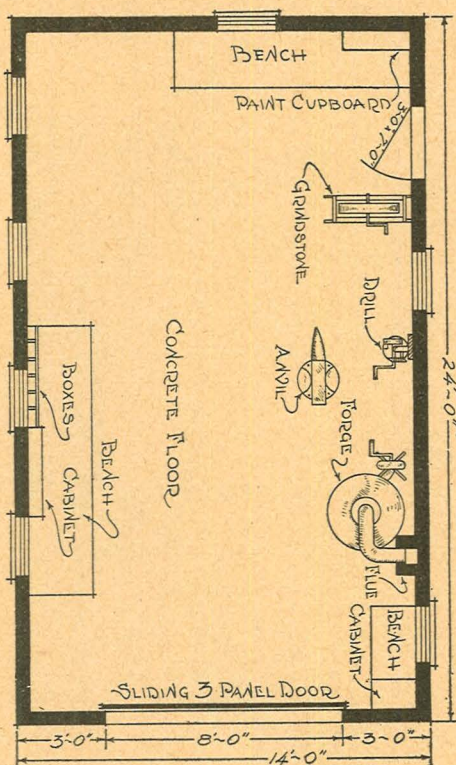
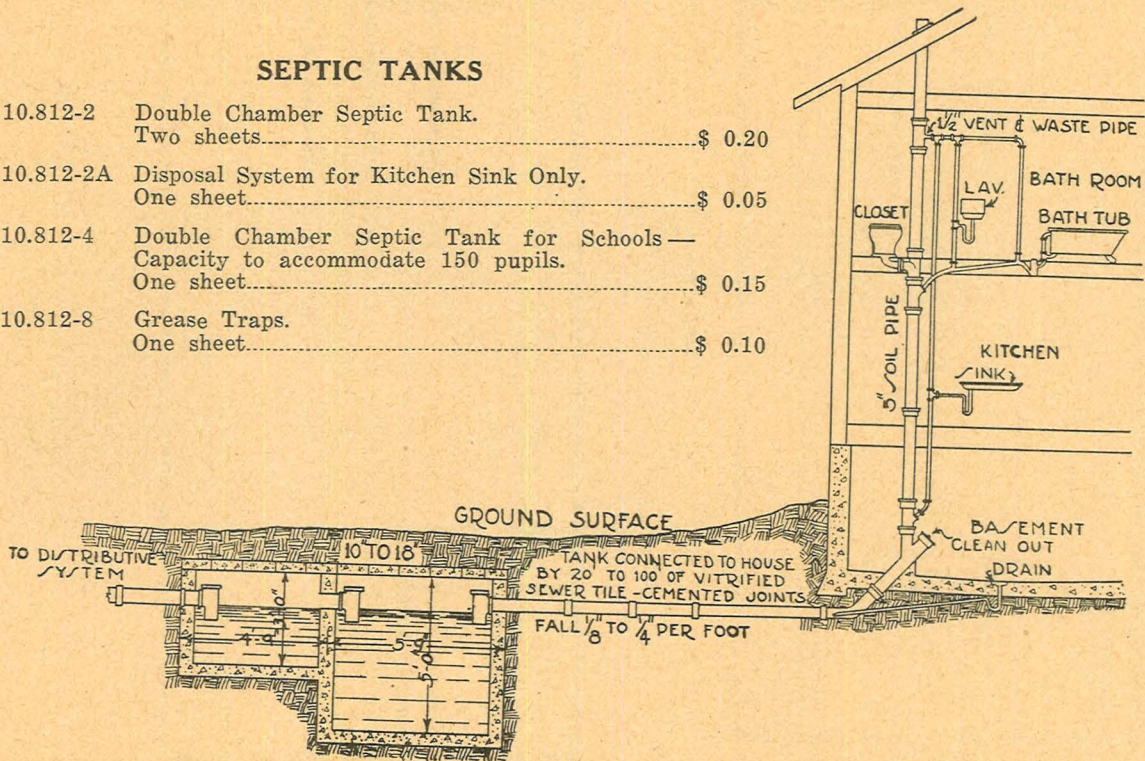
No. 10.791-5

- 10.791-16 School House—Frame, 28' x 50'—Forge shop and carpentry shop. Six sheets.....\$ 0.90

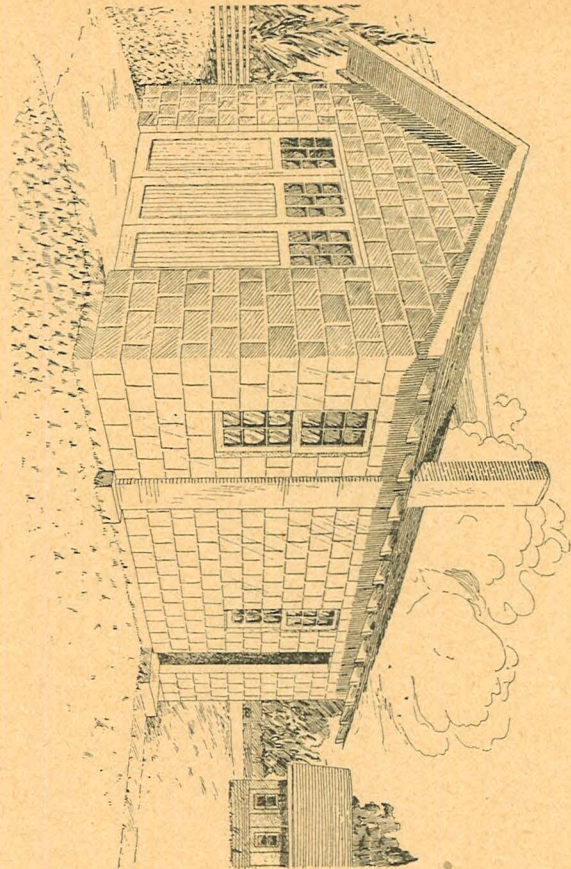


## SEPTIC TANKS

10.812-2	Double Chamber Septic Tank. Two sheets.....	\$ 0.20
10.812-2A	Disposal System for Kitchen Sink Only. One sheet.....	\$ 0.05
10.812-4	Double Chamber Septic Tank for Schools — Capacity to accommodate 150 pupils. One sheet.....	\$ 0.15
10.812-8	Grease Traps. One sheet.....	\$ 0.10



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

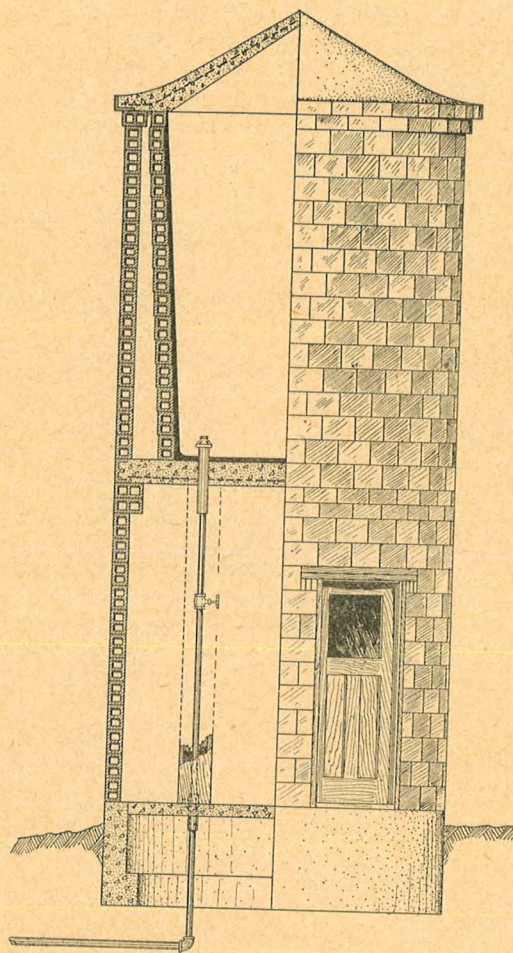


## SHOPS



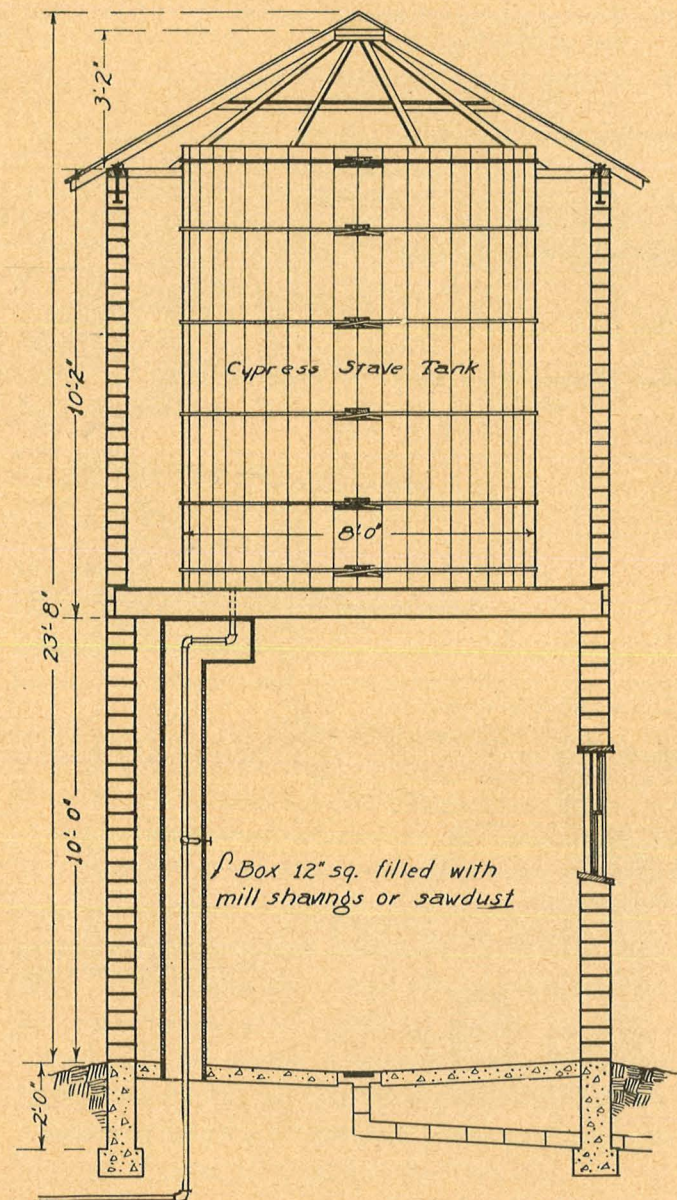




*Sectional Elevation*

No. 10.873-9

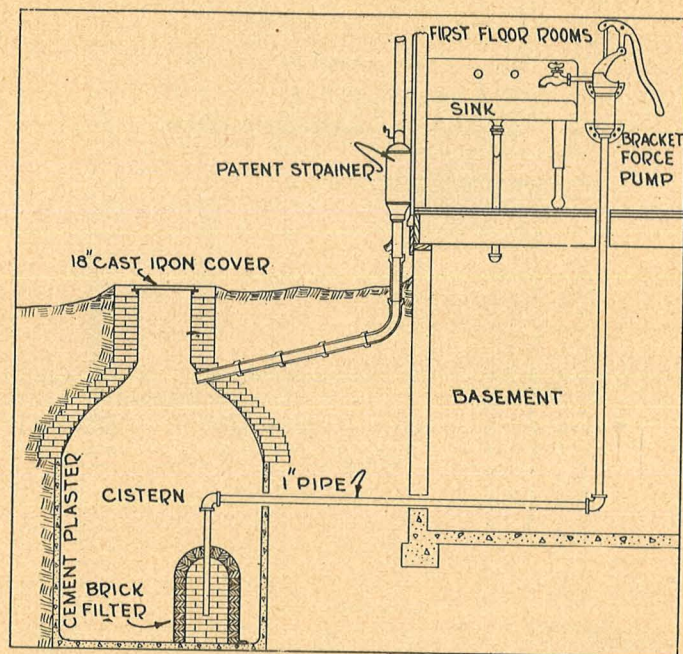
- 10.873-19 Cold Water for Kitchen and Bath.  
One sheet .....\$ 0.15
- 10.873-20 Cold Water in Kitchen.  
One sheet .....\$ 0.15



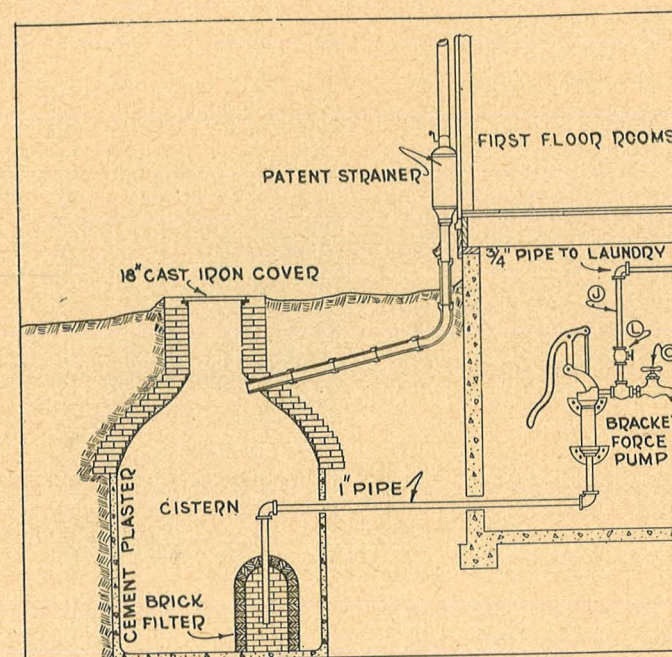
- 10.873-11 Elevated Tank — Tile, Wooden Stave Tank, Milk  
House below, capacity 3,500 gallons.  
One sheet .....\$ 0.15



- 10.873-24 Kitchen Pitcher Pump and Cistern.  
One sheet .....\$ 0.05
- 10.873-25 Kitchen Force Pump from Well.  
One sheet .....\$ 0.05
- 10.873-26 Kitchen Force Pump, Attic Storage and Range Boiler.  
One sheet .....\$ 0.05
- 10.873-27 Attic Tank and Force Pump.  
One sheet .....\$ 0.05
- 10.873-28 Deep Tank at Well.  
One sheet .....\$ 0.05
- 10.873-29 Elevated Tank on Tower.  
One sheet .....\$ 0.05
- 10.873-30 Masonry Tank Placed on High Ground.  
One sheet .....\$ 0.05



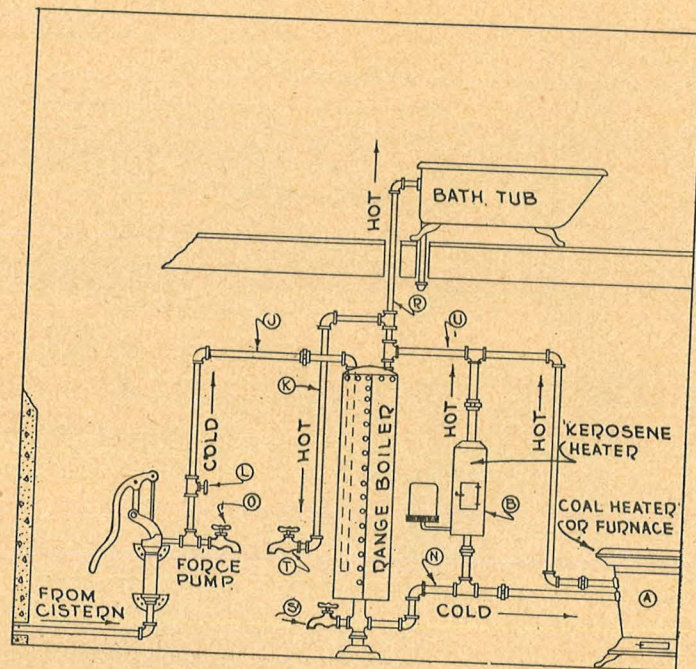
10.873-31 Soft Water from Cistern—Force Pump in Kitchen.  
One sheet .....\$ 0.05



10.873-32 Soft Water from Cistern—Force Pump in Basement.  
One sheet .....\$ 0.05

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.

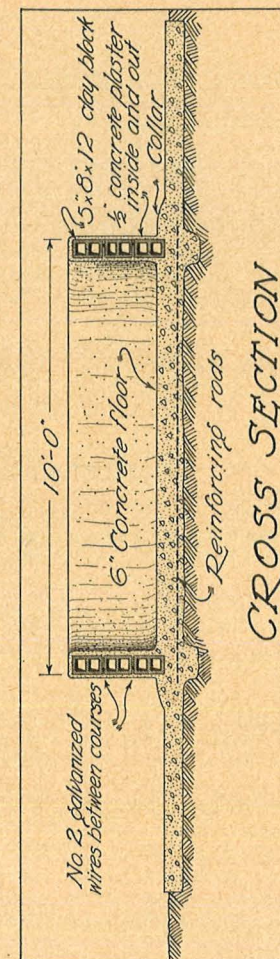




- 10.873-33 Soft Water for the Laundry—Force pump, range boiler, coal heater or furnace and kerosene heater. One sheet .....\$ 0.05
- 10.873-36 Combination Milk House and Laundry Arrangement. One sheet .....\$ 0.05

### 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
- 10.771-6 Combined Tank and Heater—Concrete. One sheet .....\$ 0.15
- 10.771-7 Stock Waterer. One sheet .....\$ 0.15

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## WOODWORK EXERCISES

Each Plan 10 cents

10.6111-1	Saw Jointer	10.6111-42	Step Ladder
10.6111-2	Magazine Stand	10.6111-43	Flower Box
10.6111-3	Book Rack	10.6111-44	Tool Chest
10.6111-4	Roof Framing	10.6111-45	Smoking Cabinet
10.6111-5	Wagon Box	10.6111-46	Filing Cabinet
10.6111-6	Adjustable Stand	10.6111-47	Dressing Table
10.6111-7	Try Square	10.6111-48	Piano Bench
10.6111-8	Nail Box	10.6111-49	Piano Bench
10.6111-9	Saw Horse	10.6111-50	Wall Cabinet
10.6111-10	Jardniere No. 1	10.6111-51	Music Cabinet
10.6111-11	Jardniere No. 2	10.6111-52	Bulletin Rack
10.6111-12	Taboret	10.6111-53	Buffet
10.6111-13	Taboret	10.6111-54	Step Ladder
10.6111-14	Plate Rack	10.6111-55	Rolling Pin
10.6111-15	Work Bench	10.6111-57	Towel Rack
10.6111-16	Magazine Holder	10.6111-58	Window Seat and Clothes Chest
10.6111-17	Halved Splice	10.6111-59	Bed
10.6111-18	Mortise and Tenon Joint	10.6111-60	Farm Tool Box
10.6111-19	Hammer Handle	10.6111-61	3-piece Coat Hanger
10.6111-20	Library Table	10.6111-62	3-piece Coat Hanger
10.6111-21	Bench Hook	10.6111-63	Shop Bench
10.6111-22	Bench and Milking Stool	10.6111-64	Work Bench
10.6111-23	Creeper	10.6111-65	Lounge
10.6111-24	Drawing Board and "T" Square	10.6111-66	Kitchen Table
10.6111-25	Rocker	10.6111-67	Radio Cabinet
10.6111-26	Clothes Tree	10.6111-68	Medicine Cabinet
10.6111-27	Porch Swing	10.6111-69	Hay Rack
10.6111-28	Kitchen Table	10.6111-70	Tool Chest
10.6111-29	Farm Gate	10.6111-71	Tool and Nail Box 30" long
10.6111-31	Plant Stand	10.6111-72	Filing Cabinet
10.6111-32	Book Case	10.6111-75	Magazine Stands
10.6111-33	Trap Nest	10.6111-76	End Table
10.6111-34	Gate Leg Table	10.6111-77	Book Case and Filing Case
10.6111-35	Gate Leg Table	10.6111-78	Writing Desk
10.6111-36	Kitchen Cabinet	10.6111-79	Tool and Nail Box 22" long
10.6111-37	Ironing Board	10.6111-80	Ornamental Wall Shelves
10.6111-38	Ironing Board	10.6111-81	Dressing Table
10.6111-39	Magazine Stand	10.6111-82	Serving Tray
10.6111-40	Pedestal		
10.6111-41	Pedestal		

## FORGE EXERCISES

Each Plan 5 cents

10.6116-1	Harrow Tooth	10.6116-20	Diamond Point Drill
10.6116-2	Drawing	10.6116-21	Split Weld—Steel to Iron
10.6116-3	Upsetting	10.6116-22	Repairing Casting
10.6116-4	Bending and Point- ing	10.6116-23	Cross Peen Hammer
10.6116-5	Bending and Twist- ing	10.6116-24	Straight Lip Tongs
10.6116-6	Fagot Weld	10.6116-25	Clevis
10.6116-7	Scarfed Weld	10.6116-26	"S" Wrench
10.6116-8	Welded Ring	10.6116-27	Tire Bolt Clamp
10.6116-9	Corner Bend	10.6116-28	Traveler
10.6116-10	Corner Weld	10.6116-29	Bench Door Stays
10.6116-11	Endgate Rod Nut	10.6116-30	Soldering
10.6116-12	Bolt Making	10.6116-31	Soldering
10.6116-13	Chain Making	10.6116-32	Soldering
10.6116-14	Hook	10.6116-33	Soldering
10.6116-15	Flat Tongs	10.6116-34	Bolt Heading Tool
10.6116-16	Tongs	10.6116-35	Hoof Cleaner for Horses
10.6116-17	Tongs	10.6116-36	Practical Bolt Making
10.6116-18	Rivet Punch		
10.6116-19	Cold Chisel		