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EC722 Revised 1929 Farm Buildings for Nebraska

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Farm Buildings for Nebraska

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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**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. G. 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.
EXTENSION CIRCULAR 722, REVISED

BEEF CATTLE BARS AND SHEDS

ANY DESIRED LENGTH

FLOOR PLAN

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

DAIRY BARS

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

10.723-8 Dairy Barn—Frame, 16' x 18'—4 cows, shed type.
One sheet ........................................................ $ 0.15
No. 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 BARNs

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

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

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

10.721-30 General Purpose Barn—Frame, 36' x 50'—12 cows, 8 horses, 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" x 46'-2"—14 horses, 3 cows, 2 grain bins, 1 harness room. Five sheets $ 0.75
10.721-33 General Purpose Barn—Frame, 20' x 34'—2 cows, 2 horses, 2 automobiles, grain bin, mow.
Two sheets .................................................. $0.30

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 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' studs, 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, 5,000 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' studs.
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**

Six sheets .......................................................... $ 0.90

Six sheets .......................................................... $ 0.90

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.
DEHORNING CHUTE

DAIRY HOUSES AND EQUIPMENT

10.776-3 Dehorning Chute.
One sheet $ 0.15

Milk Cooling Tank—Capacity, 4 cans.
One sheet $ 0.15

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

10.734-1 Milk Cooling Tank—Capacity, 4 cans.
One sheet $ 0.15

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

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

CLAY BLOCK HOG WALLOW

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

$ 0.15

Concrete Hog Dipping Vat.
One sheet

$ 0.10

DRAINAGE

Surface Intake and Outlet Guard.
One sheet

$ 0.10

Surface Inlet and Silt Basin for Tile Drain.
One sheet

$ 0.05

Surface Inlet.
One sheet

$ 0.10

DWELLING HOUSES

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

Tenant House—Frame, 24' x 26'—4 rooms; suitable for east facing, inside cellar entrance.
Seven sheets

$ 0.70

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

Bungalow—Frame, 28' x 40'—6 rooms, bath; suitable for west facing.
Seven sheets

$ 0.90

House—Brick and stucco, 41'-6'' x 37'—2 stories, 10 rooms, bath; south facing.
Ten sheets

$ 1.50

House—Brick veneer on wood, 30' x 34'—1½ stories, 7 rooms, bath; suited for east or south facing.
Eight sheets

$ 1.20
FARM BUILDINGS FOR NEBRASKA

10.71-10
One and One-half Story Brick Bungalow—32' x 47', 9 rooms, 2 bath rooms, sleeping porch.
Size: 8.00

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.
Nine sheets...

$ 0.90
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

10.71-15 Residence—28' x 42"—1½ stories, 8 rooms and bath, downstairs wash room; south facing.
Eight sheets........................................... $ 0.80
EXTENSION CIRCULAR 722, REVISED

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

FARM BUILDINGS FOR NEBRASKA

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
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
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.
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.

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

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
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

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

Poultry Exhibit Building—Stucco and frame, 24’ x 64”—80 standard coops.

Three sheets ................................................ $ 0.45

Hog Barn—Stucco and frame, 24’ x 96’—32 pens.

Four sheets ................................................ $ 0.60

Cattle Barn—Stucco and frame, 34’ x 61’—12 double stalls, 2 box stalls.

Four sheets ................................................ $ 0.60

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

Agricultural Hall—Stucco and frame—Shape of cross, each arm 40’ x 40’, 1 story, 32 booths, 10’ x 12’.

Five sheets ................................................ $ 0.75

Agricultural Hall—Frame, 60’ x 90’—2 stories, full basement with dining room, kitchen, locker and shower room, and check stand.

Twelve sheets ............................................. $ 1.30

Cattle Barn—Stucco and frame, 44’ x 70’—36 double stalls.

Five sheets ................................................ $ 0.75

Swine Exhibit Building—Frame, 22’ wide with any desired length; 4 pens for every 12’ of length.

Two sheets ................................................ $ 0.30

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
10.76-10 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
FEED RACKS

CATTLE FEED RACKS

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

   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
EXTENSION CIRCULAR 722, REVISED

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

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

FARM BUILDINGS FOR NEBRASKA
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

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

10.7727-2 Grain Bunk—Low down type—for corn and oil meal.
One sheet $ 0.10

10.7727-3 Grain Bunk for Sheep.
One sheet $ 0.10

SHEEP FEEDERS

10.75-1 Mould for Concrete Fence Posts.
One sheet $ 0.10

10.75-4 Brick Farm Entrance.
One sheet $ 0.10

FENCES
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

10.748-1 Tile Fuel House—13'-1" x 10'-5".
Two sheets .......................................................... $ 0.20

HAY BARS 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

FARM BUILDINGS FOR NEBRASKA

10.729-17 Whole 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

No. 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'-4" 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
**Whisenand Individual Hog House — 6' x 7' — “A” type, portable.**

One sheet $0.15

**Clay County Type Hog House — Frame, 14' x 14', four unit.**

One sheet $0.15

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**FARM BUILDINGS FOR NEBRASKA**

**HOME CONVENIENCES**

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

10.711-2 Service Wagon. ........................................ $0.15
One sheet

10.711-3 Step Stool. ........................................ $0.10
One sheet

**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 6' 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
56  EXTENSION CIRCULAR 722, REVISED

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, roll-
ing doors on front.
Two sheets ......................................... $ 0.30

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.
FARM BUILDINGS FOR NEBRASKA

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
Single Unit Poultry House — Frame, 20' x 20'.

No. 10.727-5

10.727-9 

Brooder House — Frame, 10' x 12', sun parlor attached.

Three sheets .................................................. $ 0.45
EXTENSION CIRCULAR 722, REVISED

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 30'.
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

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

FARM BUILDINGS FOR NEBRASKA

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 concrete roof, 28' x 34'.
Three sheets........................... $ 0.30

10.735-2 Potato Storage Cellar—Frame, 30' x 64'.
Two sheets............................. $ 0.30

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—Brick—Diameter 63'-6", ring diameter 21'-fourteen single stalls under the seats, designed for detached stock barns; capacity 600.

Eight sheets $0.90

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

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

10.791-5

10.791-16

School House—Frame, 28' x 50'—Forge shop and carpentry shop.

Six sheets.

$ 0.30
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
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

WATER SYSTEMS AND STORAGE TANKS

10.873-1 Pneumatic System.
One sheet .................................................. $ 0.10

10.873-2 Gravity System.
One sheet .................................................. $ 0.10

10.873-4 3,000 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

One sheet .................................................. $ 0.15

10.873-10 Clay Block Water Storage Tank—Capacity 3,700 gallons.
One sheet .................................................. $ 0.15
**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
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

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.
WOODWORK EXERCISES
Each Plan 10 cents

10.6111-1 Saw Jointer
10.6111-2 Magazine Stand
10.6111-3 Book Rack
10.6111-4 Roof Framing
10.6111-5 Wagon Box
10.6111-6 Adjustable Stand
10.6111-7 Try Square
10.6111-8 Nail Box
10.6111-9 Saw Horse
10.6111-10 Jardniere No. 1
10.6111-11 Jardniere No. 2
10.6111-12 Taboret
10.6111-13 Taboret
10.6111-14 Plate Rack
10.6111-15 Work Bench
10.6111-16 Magazine Holder
10.6111-17 Halved Splice
10.6111-18 Mortise and Tenon Joint
10.6111-19 Hammer Handle
10.6111-20 Library Table
10.6111-21 Bench Hook
10.6111-22 Bench and Milking Stool
10.6111-23 Creeper
10.6111-24 Drawing Board and "T" Square
10.6111-25 Rocker
10.6111-26 Clothes Tree
10.6111-27 Porch Swing
10.6111-28 Kitchen Table
10.6111-29 Farm Gate
10.6111-30 Plant Stand
10.6111-31 Book Case
10.6111-32 Trap Nest
10.6111-33 Gate Leg Table
10.6111-34 Gate Leg Table
10.6111-35 Kitchen Cabinet
10.6111-36 Ironing Board
10.6111-37 Ironing Board
10.6111-38 Ironing Board
10.6111-39 Magazine Stand
10.6111-40 Pedestal
10.6111-41 Pedestal
10.6111-42 Step Ladder
10.6111-43 Flower Box
10.6111-44 Tool Chest
10.6111-45 Smoking Cabinet
10.6111-46 Filing Cabinet
10.6111-47 Dressing Table
10.6111-48 Piano Bench
10.6111-49 Piano Bench
10.6111-50 Wall Cabinet
10.6111-51 Music Cabinet
10.6111-52 Bulletin Rack
10.6111-53 Buffet
10.6111-54 Step Ladder
10.6111-55 Rolling Pin
10.6111-56 Towel Rack
10.6111-57 Window Seat and Clothes Chest
10.6111-58 Window Seat and Clothes Chest
10.6111-59 Bed
10.6111-60 Farm Tool Box
10.6111-61 3-piece Coat Hanger
10.6111-62 3-piece Coat Hanger
10.6111-63 Shop Bench
10.6111-64 Work Bench
10.6111-65 Lounge
10.6111-66 Kitchen Table
10.6111-67 Radio Cabinet
10.6111-68 Medicine Cabinet
10.6111-69 Hay Rack
10.6111-70 Tool Chest
10.6111-71 Tool and Nail Box
10.6111-72 Filing Cabinet
10.6111-73 Magazine Stands
10.6111-74 End Table
10.6111-75 Book Case and Filing Case
10.6111-76 Writing Desk
10.6111-77 Tool and Nail Box
10.6111-78 22" long
10.6111-79 30" long
10.6111-80 Ornamental Wall Shelves
10.6111-81 Dressing Table
10.6111-82 Serving Tray

FORGE EXERCISES
Each Plan 5 cents

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