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# FARM BUILDINGS AND EQUIPMENT

*List of Plans Available from  
O.S.C. Farm Building Plan Service*

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FEDERAL COOPERATIVE EXTENSION SERVICE / OREGON STATE COLLEGE / CORVALLIS

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Extension Circular 637

December 1957

Farm Buildings and Equipment Plans Available

OREGON STATE COLLEGE  
FARM BUILDING PLAN SERVICE

Prints for construction of farm buildings and equipment listed in this circular can be obtained at low cost through Oregon County Extension Agents, or directly from the Extension Agricultural Engineering Specialist, Oregon State College, Corvallis, Oregon.

The charge for printing the working drawings is 25 cents for each sheet plus 35 cents for each order, regardless of the number of different sets of plans ordered at one time. Checks and money orders should be made payable to the Extension Service, Oregon State College. Stamps are not accepted.

Drawings to meet special needs are not furnished. The services of architects, engineers, and reputable commercial agencies are recommended for altering these plans for special requirements and for the specification of materials different from those shown.

Illustrations of plans or prints of plans adaptable to your area are available for inspection at your County Extension Office.

IMPORTANT -- ORDER PLANS BY PLAN NUMBER AND NAME

FARM BUILDING ESSENTIALS

Most of the structures listed in this circular have gone through the test of actual use, proving them suitable from the standpoint of sound construction, convenience, sanitation, and economy under the conditions for which they were intended. Climatic conditions must be considered in the construction of buildings so that provision is made for foundations of proper size and depth, enough insulation, adequate bracing, and suitable roof covering.

The list contains a fairly wide range of plans so that in most cases you can select those that meet your particular requirements.

OREGON STATE COLLEGE  
FARM BUILDING PLAN SERVICE

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<u>Gambrel Roof Details</u>	Plan No.	No. of Sheets
Iowa truss, gambrel for 32-, 34-, 36-foot width barn - - -	2.021	1
Shawver truss, gambrel for 32-, 34-, 36-foot width barn- -	2.022	1
Trussed rafter, gambrel, 24-foot span- - - - - - - - - - -	2.029	1
Trussed rafter, gambrel, 42-foot span - - - - - - - - - - -	2.028	1

Gothic Arch Rafter Details

Bent rafter type for 32-, 34-, 36-foot width barns -	2.023	1
Oregon arch sawed type for 32-, 34-, 36-foot width barn- -	2.024	1
Oregon arch rafter detail, 20-foot span- - - - - - - - - - -	2.026	1

Riding-Horse Barn

22 x 34		
Riding-horse barn, one-story, gable-roof, wood-frame construction, two box stalls, feed room, tack room, no hay storage provided- - - - - - - - - - -	5838	2

DAIRY BUILDINGS AND EQUIPMENT

Milking Barns

One-string milking barn, gable roof, one story, with feed-room capacity 12 Jerseys or 10 Holsteins. Capacity changed to meet requirements. Suggested arrangement for loafing barn and milk house- - - - -	2.302	3
Two-string milking barn, gable roof, one story, with feed room, cows face out, 10 stalls. Suggested arrangement for loafing barn and milk house- - - - -	3.303	3

Lounging or Loafing Sheds

L-shaped 20 x 68 - 20 x 44 - - - - - - - - - - -	5460	1
24' wide, Building Plan 12 (free)		
30' wide, Building Plan 13 (free)		
34' or 36' wide, Building Plan 14 (free)		
38' wide, Building Plan 15 (free)		
24' Pole Building Plan 16 (free)		

Milk House

- One room - concrete and wood construction  
Building Plan 4 (free)
- One room - block construction  
Building Plan 5 (free)

<u>Milk House for "Fluid" Shipper Producer</u>	<u>Plan</u> <u>No.</u>	<u>No. of</u> <u>Sheets</u>
Three-room house, milk room, cold room and wash-room, are planned in 8 x 12 area. Steps and dumping platform should be enclosed and roofed to conform to sanitary regulations - - - - -	5503	2

Milking Parlors

U-shaped, four-stall, elevated milkhouse, overhead feed storage, gable roof - Building Plan 5 (free)

Four-stall, Montana-style milkhouse, gable roof, milkhouse attached - Building Plan 7 (free)

Three-stall, side-opening stalls, overhead feed storage, gable roof - Building Plan 8 (free)

Four-stall walk-through, all on same level, flat roof, block construction, milkhouse attached - Building Plan 10 (free)

Three offset stalls, flat roof, block construction, milkhouse attached - Building Plan 11 (free)

Feed Bunks and Racks

Also see list for beef cattle

Covered hay rack, two manglers, drive through, gable roof - - - - - 6.132 1

Cattle feeding shelter, pole-frame construction, designed for entilage, adaptable to conveyor track carrier or cart - Building Plan 24 (free)

Salt Box for Livestock 5655 1

Creeps, calf

Calf creep - - - - - 5466 1  
See also, Extension Bulletin 751 (free), Beef Cattle Buildings and Equipment

Cattle Guards

See listing under Beef Cattle Equipment

Breeding Crates

See listing under Beef Cattle

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	<u>Plan No.</u>	<u>No. of Sheets</u>
<u>Bull Barns</u>		
12 x 18		
Gable-roof, one-story, wood-frame construction, type of floor optional- - - - -	2.51	1
16 x 32		
Bull barn and lots, gable roof, designed for two bulls - - - - -	5462	2
Extension Bulletin 661 (free), Dairy Herd Sires, Management and Housing		

Stanchion Details

Steel cow stanchions show sections for concrete floor, wooden floor, or cork-brick floor construction - - - - -	2.011	1
Wooden stanchions for cows and calves- - - - -	2.012	1

BEEF CATTLE BUILDINGS AND EQUIPMENT

Beef Barns

Also see Extension Bulletin 751 (free), Beef Cattle Buildings and Equipment.		
10 x 40 and 10 x 60		
L-shaped calving barn, shed roof, one-story, inexpensive type of maternity barn with rear corner near the direc- tions of prevailing winds. Build any size desired - -	5461	1
20 x 60 and 20 x 44		
L-shaped cattle shed, gable roof, wood-frame construc- tion, shelter for feed lot or range feeding; also dry cows or young stock, closed sides serve as a wind break. Doors in rear permit filling mangers from tracks - - - - -	5460	1
Station Bulletin 557 (free), Multi-Combination Pole-type Construction		

Breeding Crates

Cattle breeding crate (South American) - - - - -	6.33	1
Cattle breeding crate- - - - -	6.31	1

<u>Cattle Feeders</u>	Plan No.	No. of Sheets
4 x 12		
Cattle bunk - - - - -	6.11	1
5 x 17		
Cattle self-feeder, grain, gable roof- - - - -	6.12(5083)	1
6 x 16		
Cattle self-feeder, chopped hay- - - - -	6.121	1
10 x 16		
Cattle feeder, long hay - - - - -	6.131	1
15 x 8		
Hay feeding rack, drive through- - - - -	6.13	1
Cattle hayrack, V opening, movable - - - - -	5463	1
<u>Calf Creeps</u>		
Calf creep-feeder, movable, handles 30-50 calves, feed capacity 65 bushels - - - - -	5764	1
Calf creep-feeder, movable, handles 30 calves, feed capacity about 35 bushels - - - - -	5763	1
Calf creep - - - - -	5466	1
<u>Chutes and Corrals</u>		
Cattle Stocks - O.S.C. Plan, Extension Bulletin 751- - - -	8711-3	1
	5792	1
	5761	1
	5740	1
	5784	1
All cattle stock plans can be seen in the County Extension Office		
Hoof trimming chute - - - - -	8715-1	1
Squeeze chute, modified Nevada type chute- - - - -	6.64	1
Nevada chute - - - - -	5465	1
Squeeze chute - - - - -	5791	1
Squeeze chute (three types of headgates) - - - - -	5789	1
Holding chute and headgate - - - - -	5778	1
Hoof trimming chute for cattle, SCI 498 (free)		
Corrals - See Extension Bulletin 751 (free), Beef Cattle Buildings and Equipment		
Corral 60 x 70 feet, two pens, more can be added, working chute with crowding pen - - - - -	5791	1
Expansible corral for growing herd - - - - -	5779	1
Simple two-pen corral for 20 to 50 cows- - - - -	5796	1
Six-pen corral, 50 to 100 cows, scale pen- - - - -	5797	1
Loading chutes - See Extension Bulletin 751 (free) Beef Cattle Buildings and Equipment		
Four different types of loading chutes - - - - -	5793	
Movable chute- - - - -	5681	

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<u>Cattle Guards</u>	<u>Plan</u>	<u>No. of</u>
	<u>No.</u>	<u>Sheets</u>
Extension Circular 456 (free), Cattle Guard (wood construction)		
Extension Circular 455 (free), Cattle Guard (reinforced concrete)		

Salt Box

Salt box for livestock - - - - -	5655	1
Salt and mineral boxes, one side enclosed- - - - -	5759	1
Salt and mineral boxes, open both sides- - - - -	5769	1
Extension Bulletin 751 (free), Beef Cattle Building Equipment		

HOG BUILDINGS AND EQUIPMENT

Farrowing House

Extension Bulletin 727 (free), Hog Houses and Equipment		
Circular of Information 556 (free), A Practical Farrowing Stall 20 x 42		
Farrowing House, gable roof, concrete floor and foundation, removable partitions, walls may be of concrete block, masonry or wood frame construction - - - - -	5476	1
24 x 36		
Gable roof, one story, concrete floor and foundation, pens 8 x 10 - See Extension Bulletin 727 - - - - -	2.63	3
36 x 76		
Gable roof, "T" shape, one-story pen house, two-story building at end for bedding, feed, office, or herdsmen's room. Designed for large hog ranches. Concrete floor and foundation- - - - -	5481	4
Hog Barn, Building Plan 19 (free)		
Farrowing House, Building Plan 20 (free) See Extension Bulletin 727, Hog Houses and Equipment, for above descriptions		
Brooder House - See Extension Bulletin 727 - - - - -	2.65	1

Hog Feeders

2'4" x 3' 7"		
Hog self-feeder, portable, Extension Bulletin 727 (free), Building Plan 22 (free)		

<u>Hog Feeders (continued)</u>	<u>Plan No.</u>	<u>No. of Sheets</u>
5 x 10 Hog self-feeder, portable, Extension Bulletin 727 (free), Building Plan 23 (free)		
4 x 6 Hog self-feeder, two-way, gable roof - - - - -	6.14	1
Hog self-feeder, 12-pig size, protein supplement feeder - - - - -	5482	1
Hog self-feeder, 30 to 40 hogs, portable - - - - -	5483	1
10 x 10 x 8 high Hog self-feeder, portable, large capacity, protein supplement feeder - - - - -	5484	2
Hog scalding equipment - - - - -	5063	1
Hog farrowing crate, Building Plan 21 (free)		
Movable hog loading chute - - - - -	5388	1
Hog porch - - - - -	3.66	1
Breeding crate - - - - -	3.2	1
Shipping crate - - - - -	6.40	1
Hog Houses and Equipment, Extension Bulletin 727 (free)		

SHEEP BUILDINGS AND EQUIPMENT

Sheep Sheds

12 x 76 Lambing shed, gable roof, removable pens - - - - -	5472	1
16 x 24 Gable roof, one story, walls through center feed rack - - -	5019	1
Shed roof, open front - - - - -	5025	1
26 x 60 Lambing shed, hip roof, lambing pens, and hold pens - - - -	2.72	2
Lambing shed, hip roof, tank for watchman, removable pens - - - - -	2.73	1
28 x 42 Combination gable roof, open front - - - - -	2.71	2

Sheep Feeders and Equipment

25 x 48 Range sheep feeder, 18 tons of hay - - - - -	5474	1
2' 10" x 16' Sheep feeder (long hay) - - - - -	6.15	1
Hay and grain rack - O.S.C. Plan - - - - -	8721-1	1
Hay and grain feeder, five-sided feeder, movable - - - - -	5807	1
Self-feeder, portable, 8-foot long, 22-bushel hopper - - - - -	5808	1
Creep, fences, and feeders - - - - -	5802	1
Sheep feeding trough, 3 x 16, chopped hay and grain - - - -	6.18	1
Wool packing racks - O.S.C. Plan - - - - -	8724-2	1
Wool box - - - - -	5805	1

<u>Sheep Feeders and Equipment (continued)</u>	<u>Plan No.</u>	<u>No. of Sheets</u>
Cutting gate, three-way- - - - -	8724-1	1
Cutting gate - - - - -	5809	1
Weighing crate - - - - -	5804	1

Salt Box for Sheep

Salt box for sheep - - - - -	6.181	1
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Dipping Vat

Sheep vat, concrete - - - - -	6.22	1
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POULTRY HOUSES AND EQUIPMENT

Portable mash bin, 1- to 1 1/2 ton capacity Building Plan 32 (free)		
Poultry range house, gable roof, 8 x 10 Building Plan 28 (free)		
Open poultry house, Building Plan 25 (free)		
Summer range shelter - - - - -	5400	1
Wire cage laying shelter, Building Plan 29 (free)		
Open laying house, 20 x 20, Building Plan 30 (free)		
Open Houses and Cages for Laying Hens, Station Bulletin 543 (free)		
Two-Story Poultry House, Station Circular 174 (free)		
OSC Poultry Laying House, Station Circular 173 (free)		
The Home Unit Poultry House, Extension Bulletin 625 (free)		
Poultry House Equipment, Station Circular 178 (free)		
Bulk Feed Storage Bins, Circular of Information 517 (free)		
Home Built Electric Brooders, Station Bulletin 478 (free)		
Ventilating Poultry Houses, Station Bulletin 552 (free)		

TURKEY BUILDING AND EQUIPMENT

Turkey breeding shelter, pole frame- - - - -	2.87	1
Station Circular 176 (free), Turkey Range Equipment includes plans for self-feeder, trough-feeder, waterers and range shelter		

Plan No. No. of Sheets

MISCELLANEOUS RURAL BUILDINGS

Farm Labor Houses

20 x 24		
One story, hip roof, living room, bedroom, bath, and kitchen. East front to road - - - - -	2.22	1
20 x 24		
One story, gable roof, living room, bedroom, bath, and kitchen. South front to the road - - - - -	2.23	1
20 x 26		
One story, gable roof, living room, bedroom, bath, utility room, and kitchen. West front to road - - - - -	2.24	1
20 x 28		
One story, hip roof, living room, bedroom, bath, and kitchen. North front to road - - - - -	2.21	1

Camp Cabins

Three rooms - - - - -	5185	1
Five rooms - log cabin - - - - -	5506	2
Three rooms - log cabin - - - - -	5507	1
Fresh air sleeping cabin - 12 x 8 - - - - -	5508	1

Roadside Stands

Large stand - 20 x 24 - - - - -	5192	1
Small stand - 12 x 24 - - - - -	5193	1
Open stand - - - - -	5194	1
Movable stand - - - - -	5509	1

Rural Community Halls

36 x 78		
Hip roof with 5' x 17' regimented entrance, auditorium, stage, coat rooms and lavatories on main floor. A full basement with kitchen, dining, storage, and rest rooms, furnace - - - - -	1.66A	3
36 x 78		
Hipped gable roof with 5' x 17' gable-roof entrance. Similar plan to 1.66A - - - - -	1.66B	2
36 x 78		
Gable roof with 5' x 17' hipped-roof entrance. Similar plan to 1.66A - - - - -	1.66C	3
36 x 74 with 26 x 50 "L"		
One story, no basement, kitchen and dining room in the "L". Otherwise similar to 1.66A - - - - -	1.66E	2

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<u>Machinery Sheds</u>	Plan No.	No. of Sheets
18 x 46 Implement shed and shop, gable roof - - - - -	3.121	1
Machinery shed, gable roof - - - - -	3.11	2
20 x 48 Implement shed and shop, gable roof, shop size 12 x 20 - -	5338	1
20 x 60 Implement shed, gable roof, open front - - - - -	5495	1
24 x 60 Utility shed, pole framing, Building Plan 16 (free)		
26 x 80 Implement shed and shop, gable roof, shop 14 x 25	5341	3
24 x 64 Implement shed and workshop, combination roof- - - - -	5675	1
Concrete masonry farm shop for machinery shed- - - - -	5678	1
Semi-circular storage shed - - - - -	5693	1
<u>Farm Shops</u>		
24 x 30 Gable roof, one story- - - - -	5146	1
18 x 24 Farm shop and garage, gable roof, used as garage or shop or both - - - - -	3.13	2
Workshop and garage, gable roof, used as garage or shop or both- - - - -	3.13a	1
Homemade woodwork bench- - - - -	5498	1
<u>One-Car Garages</u>		
12 x 20 Gable roof - - - - -	3.15(5150)	1
<u>Two-Car Garages</u>		
18 x 20 Hip roof - - - - -	3.14(5149)	2
20 x 20 Gable roof - - - - -	5149	1
<u>Utility Buildings</u>		
20 x 22 Garage and apartment - apartment above has kitchen, bedroom, and combination dining and living room, gable roof - - - - -	5496	2
24 x 30 Utility building, garage, woodshed, laundry, fruit and vegetable storage, gable roof- - - - -	5497	1
16 x 16 Utility shed and miscellaneous storage - - - - -	5501	1
24 x 56 Farm-labor camp utility building - laundry, toilets, shower, and dressing room - - - - -	1.70	3

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STORAGE AND DISPOSAL EQUIPMENT

Liquid Manure Tanks

Concrete - 10' wide by variable lengths- - - - -	3.34	1
Concrete - 20 x 51 x 6 deep - - - - -	3.35	1
Wood - 16 x 48 - - - - -	3.33	1

Manure Pits

21 x 16 Concrete, gable roof, 5' 6" deep, has cistern for liquid - - - - -	5499	1
18 x 37 Concrete, gable roof - - - - -	3.31	1
Dimensions available for 10, 20, 30 and 40 rows, gable roof - - - - -	3.32	1

Hay Sheds

24 x 48 x 19 post Gable roof - - - - -	4.12	1
24 x 30 x 20 post Gable roof - - - - -	4.11	1

Granaries

Round granary, 16' diameter, 1500 bushels - - - - -	4.26	1
10 x 10 Movable, 500 bushels, gable roof - - - - -	4.17	1
12 x 14 Movable, 1000 bushels, gable roof - - - - -	4.18	1
14 x 24 Four bins, 1800 bushels, gable roof - - - - -	4.16	1
Four bins, 1800 bushels, gable roof - - - - -	5528	1
Gable roof, 1800 bushels - - - - -	4.23	1
31 x 32 Gable roof, 6400 bushels - - - - -	4.19	1
Gable roof, four lower bins, two upper bins, 6400 bushels - - - - -	5529	1
Storage shed - semicircular, adapted for movable bins - - - - -	5145	2
27 x 32 Combination crib and granary, 900 bushels ear corn, 2000 bushels small grain - - - - -	5535	1

Grain Elevators (Storage)

30 x 31 Gable roof, 10,000 bushels - - - - -	4.22	3
30 x 30 10,000 bushels, nine bins - - - - -	5325	3

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<u>Grain Elevators (Storage) (continued)</u>	<u>Plan No.</u>	<u>No. of Sheets</u>
30 x 30 Crib construction, 10,000 bushels, ten bins - - - - -	5532	3
14 x 28 x 36 high Two bins, 11,000 to 11,500 bushels, gable roof - - - - -	4.20	2
16 x 31 Crib construction, 11,000 to 11,500 bushels - - - - -	5093	2
Stationary grain elevator (conveyor) - - - - -	5.44	1
<u>Corn Cribs</u>		
6 x 32 700 bushels, shed roof - - - - -	5533	1
28 x 32 Gable roof, double cribs, each 8 x 32 x 10 high - - - - -	4.24	1
4 1/2 x 20 x 8 high Gable roof - - - - -	4.25	1
27 x 32 Combination crib and granary, 900 bushels ear corn, 2,000 bushels small grain - - - - -	5535	1
<u>Potato House</u>		
42 x 42 Below-ground storage, capacity 6,700 bushels. Suitable for level site, covered truck ramp to bin floor. Designed for forced air circulation - - - - -	5645	5
18 x 28 x 5' 6" high Above-ground house - - - - -	5493	1
14 x 16 Above-ground house, 600 bushels - - - - -	5492	
36 x 48 (variable depth) Potato cellar, dugout type - - - - -	5504	1
10 x 20 Root cellar, log construction - - - - -	5491	1
10 x 11 Root cellar, concrete - - - - -	5330	1
46 x 99 Potato cellar (typical Klamath County potato cellar) - - - - -	4.33	2
<u>Fruit and Vegetable Storages</u>		
16 x 24 Apple storage house, gable roof - - - - -	4.31	3
20 x 36 Fruit and vegetable storage, underground - - - - -	4.32	2
<u>Smokehouses</u>		
6 x 8 Frame construction, gable roof - - - - -	5.11	1
Frame construction, gable roof - - - - -	5.13(5029)	1
8 x 10 Masonry construction - - - - -	5.12	1

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<u>Incinerator</u>	<u>Plan No.</u>	<u>No. of Sheets</u>
Animal - - - - -	5.14	3

Nut Driers

12 x 32 Walnut-filbert drier, hip roof, 4,000 pounds per batch, maximum output one ton per 24 hours, oil furnace- - - - -	5.32	3
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20 x 32  
500-pound capacity electric nut drier, Circular of Information 501 (free)

Other walnut and filbert dehydrator plans may be secured by writing to the Agricultural Engineering Department, Oregon State College, Corvallis.

Corn Driers

Corn drier plans may be secured by writing to the Agricultural Engineering Specialist, Agricultural Engineering Department, Oregon State College, Corvallis.

Refrigeration

20 cubic feet - reach in floor space required 2'-5 5/8" x 5'-5 1/2"; Ceiling height 6'-10 5/8" Fill-type insulation - - - - -	5.55	4
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30 cubic feet - reach in floor space required 2'-5 5/8" x 5'-5"; Ceiling height 6'-1 1/8" Fill-type insulation - - - - -	5.56	4
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40 cubic feet - reach in 2'-6 5/8" x 8'-9 1/2" Ceiling height 6'-1 1/8"; Fill-type insulation - - - - -	5.57	4
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7 x 9 or 7 x 11 174 to 244 cubic feet walk-in freezer, 130 to 200 cubic feet 35°F. room, 44 cubic feet 0°F. room. Shavings used for insulation - - - - -	5.52	6
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5'-11" x 7'-7" x 8'-0" 196 to 260 cubic feet walk-in freezer, 140 to 210 cubic feet 35°F. room, 56 cubic feet 0°F. room. Bat-type insulation- - - - -	5.53	6
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8' x 10'3" x 8' x 11'-7" 380 to 445 cubic feet walk-in freezer, 200 to 285 cubic feet 35°F. room, 56 cubic feet 0°F. room. Bat-type insulation - - - - -	5.54	6
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Refrigeration (continued) Plan No. No. of Sheets

A walk-in refrigerator with a room for chilling and storing meats and other farm products (approximately 250 cubic feet) and a low-temperature room for freezing and storing fruits, vegetables and meats (approximately 100 cubic feet) can be built inside or outside with addition of siding or roof. Bill of materials available - - - - - 7102 4

Station Circular of Information 475 (free), A Home Freezer You Can Build

Circular of Information 532 (free), Building Walk-in Freezers

Water Supply

Fireproof pump house 14 x 14 - - - - - 7.32 1  
 Open water tower - 3000 gallons - - - - - 5520 1  
 Closed water tower - 3000 gallons - - - - - 5521 1

Fence Panel

Portable livestock panel for hogs and sheep (4-H) - - - - - 6.8 1  
 Portable livestock panel for cattle (4-H) - - - - - 6.81 1

Farm Gates

Automatic gate - - - - - 5467 1  
 Several types farm gates - - - - - 5505 1

Haying Equipment

Buckrake, two-way drag (horse drawn) - - - - - 8.07 1  
 Buckrake, truck - - - - - 8.09 2  
 Hay de-mixer - - - - - 5523 2  
 Hay stacker, wheelmon - - - - - 5522 2  
 Hay stacker, slide (Sam Ross type) - - - - - 8.10 2  
 Overshot stacker - - - - - 8.08 2

Miscellaneous

Suction harvester for clover - - - - - 10.1 1  
 Stationary grain elevator (bucket type) - - - - - 5.44 1  
 Water wheel, 16-foot overshot - - - - - 8.13 2  
 Playground layouts - - - - - 5183 1  
 Merry-go-round for playground - - - - - 8.21 2

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Horse Trailer

Plan No. of  
No. Sheets

Station Circular of Information 482 (free), A  
Plywood Horse Trailer

Implement Trailer

Station Circular of Information 489 (free), A  
Tilting Bed Implement Trailer

Mechanical Silage Feeders

Station Circular of Information 518 (free),  
Mechanical Feeders for Silage

Silos

Extension Bulletin 715 (free), A Homemade Wood Silo

Bunker Silos

Station Bulletin 557 (free), Multi Combination Pole-  
type Construction

O.S.D. Building Plan 33 (free)

A.I.B. 149 (free), Bunker Silos

P.N.W. 12 (free), Feed Handling Equipment

The cost of plans is 25 cents per sheet, plus an order charge of 35 cents  
for each order. Stamps not accepted.

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