

# Anatomy of a **Barn**

## **Your Guide to Pacific Northwest Types, Styles & Character Defining Features**

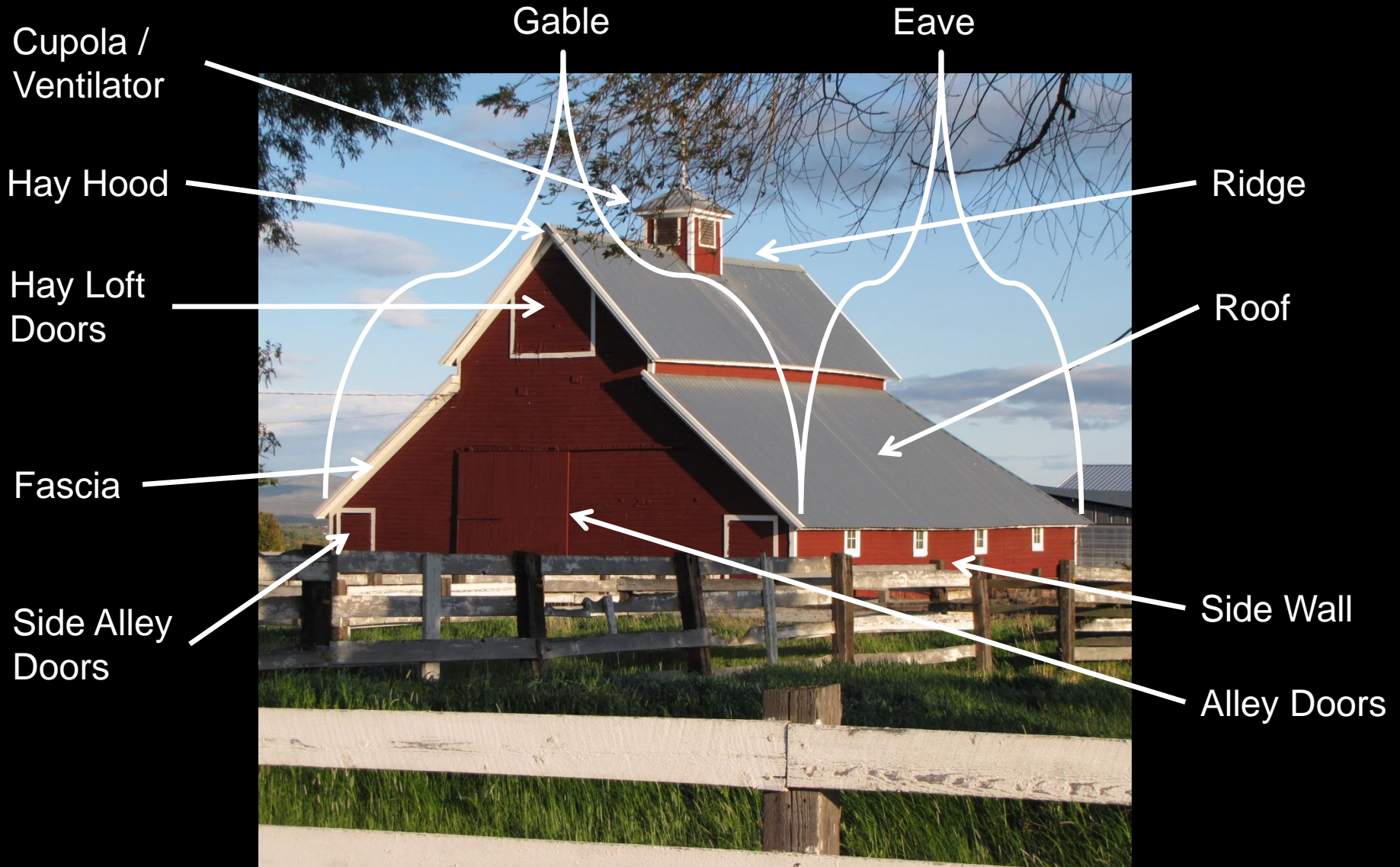


Michael Houser,  
*Washington State  
Architectural Historian*



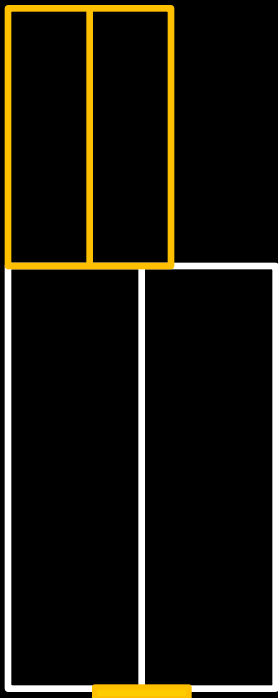
Sept - 2019

# Barn Elements

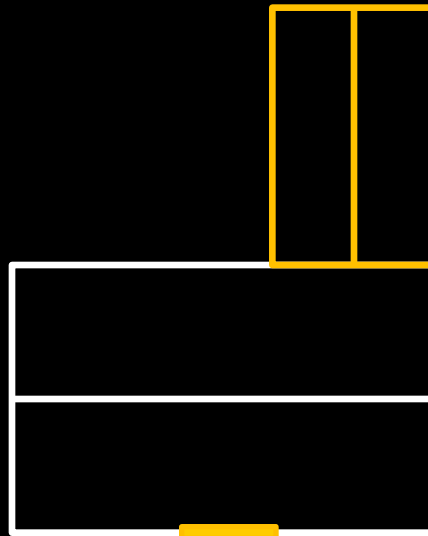


# Barn Elements

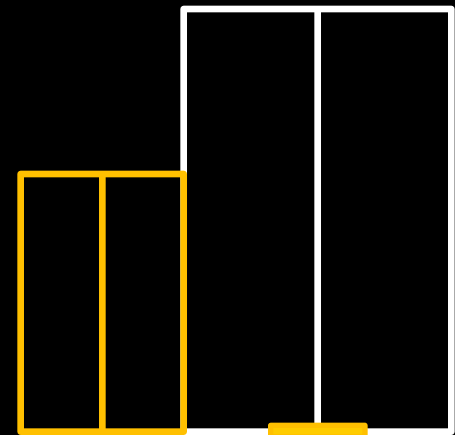
Wing **vs.** Ell **vs.** Lean-to



Wing



Ell



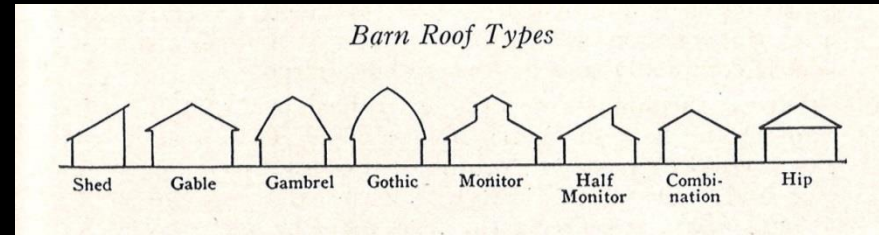
Lean-to

*Barn View in Plan*



# Barn

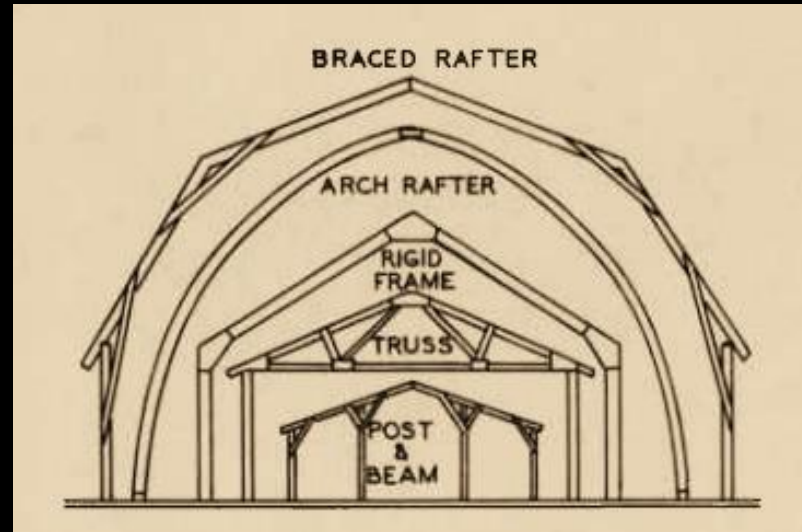
# Forms and Types






# Barn classification can be based on:

- Use/Purpose,
- Plan and shape,
- Framing system,
- Roof form ← DAHP method



**HALLOWEEN MASQUERADE DANCE**  
**TOMLINSON'S BARN**  
 3½ Miles West of Plaza on Bonnie Lake-Plaza Road

Souvenirs  
Prize Waltz  
Three Special Prizes

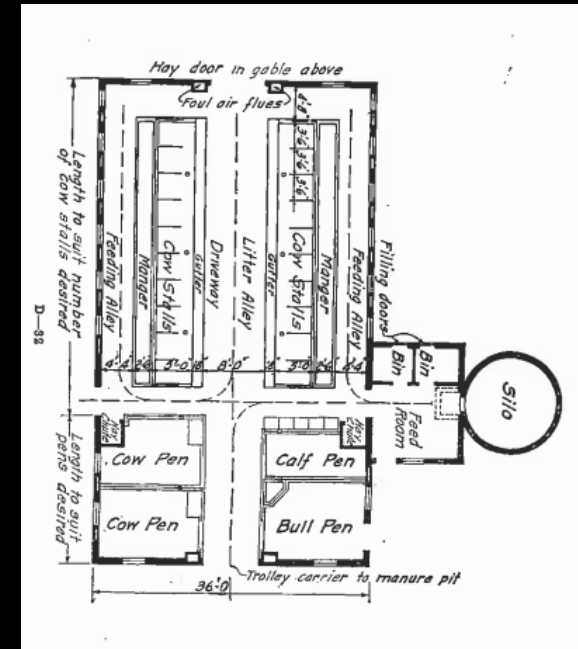


Special Feature  
**DOT & DASH**  
High Class Entertainers

Best Character Costume—Gentleman  
 Best Character Costume—Lady  
 Most Comical Costume

**CHET GRIFFITH'S NIGHT HAWK ENTERTAINERS**

Lunch Room In Connection



## Barn - Forms & Types

# Gable (sometimes referred to as an English / Yankee barn)



Shed, OR



Boyd, OR



Champoeg State Park, OR



Hillsboro, OR



Kitsap County, WA



# Barn - Forms & Types

## **Gable** (sometimes referred to as an English barn)



Adams County, WA



Adams, OR



Peirce County, WA



Lincoln County, WA



Skagit County, WA



Dayville, OR



# Barn - Forms & Types

## Salt Box (integrated lean-to)



Dayton, WA



Spokane County, WA



Wallowa Valley, OR



Brownsville, OR



Pierce County, WA



# Barn - Forms & Types

## Salt Box (integrated lean-to)



Benton County, OR



Finley National Wildlife  
Refuge, Benton County, OR



Philomath, OR



Waitsburg, WA



Poulsbo, WA



## Barn - Forms & Types

# Dutch Barn (roof projecting down to 1<sup>st</sup> floor)



Stevens County, WA



Dufur, OR



Benton County, OR



Snohomish County, WA



LaPine, OR



# Barn - Forms & Types

## Dutch Barn (roof projecting down to 1<sup>st</sup> floor)



Labanon, OR



Colfax, WA



Skagit County, WA



Victor Point, OR



## Barn - Forms & Types

# Broken Gable / Gable with High Lean-tos



Klamath Falls, OR



Walla Walla, WA



Mount Angel, OR



San Juan County, WA



Hayward, OR



## Barn - Forms & Types

# Broken Gable / Gable with High Lean-tos



Diamond, OR



Deschutes County, OR



Baker, OR



Walla Walla County, WA



# Barn - Forms & Types

## Gable-on-Hip



Drake Crossing, OR



Snohomish, WA



Coupeville, WA



Burnt Wood, OR



# Barn - Forms & Types

## Gable-on-Hip



Walla Walla County, WA



Weston, OR



Dufur, OR



Molalla, OR



San Juan County, WA

# Barn - Forms & Types

## English Gambrel



Thurston County, WA



Ellensburg, WA



Enterprise, OR



Donald, OR



Lynden, WA



# Barn - Forms & Types

## English Gambrel



Tangent, OR



Columbia County, WA



Near  
Crater  
Lake, OR



Lincoln County, WA

# Barn - Forms & Types

## Dutch Gambrel (note flare at eave line)



Fairfield, WA



Elgin, OR



Grays Harbor, WA



Scappose, OR



Willamette Valley, OR



Salem, OR



# Barn - Forms & Types

## Dutch Gambrel (note flare at eave line)



Woodburn, OR



Pendleton, OR



Pend Oreille County, WA



Troutdale, OR



Island County, WA

# Barn - Forms & Types

## Gambrel w/Lean - To



Pierce County, WA



Mount Vernon, WA



Elgin, OR



Yakima County, WA

Deer Park, WA



# Barn - Forms & Types

## Gambrel w/Lean - To



Eugene, OR



Scholls, OR



Snohomish County, WA



Sheridan, OR



# Barn - Forms & Types

## Hip



Coupeville, WA



Condon, OR



Moxee, WA



Vancouver, WA



# Barn - Forms & Types

## **Gothic** (pointed arch roof truss)



Keizer, OR



Lacey, WA



Vancouver, WA



Willamette Valley, OR



Wilbur, WA



# Barn - Forms & Types

## Gothic (pointed arch roof truss)



Stayton, OR



Colfax, WA



Uniontown, WA



Weston, OR



# Barn - Forms & Types

## Bow / Rainbow Truss

(note completely arched trusses)



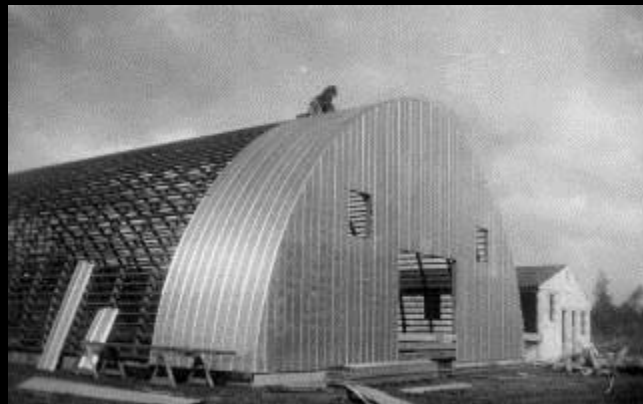
King County, WA



Pullman, WA



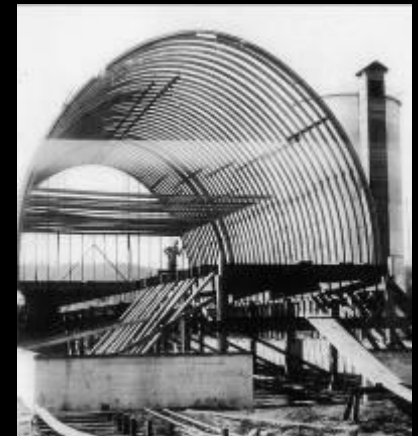
Ridgefield, WA



Satsop, WA



Sedro Wooley, WA

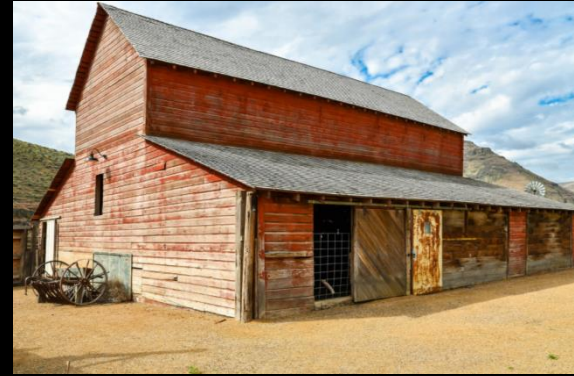


## Barn - Forms & Types

# Western Barn/ Monitor Barn / Basilican



Joseph, OR



Wasco, OR



Pouso, WA



Yakima County, WA



Skagit County, WA



## Barn - Forms & Types

# Western Barn/ Monitor Barn / Basilican



Stanwood, WA



Joseph, OR



Linn County, OR



Thurston County, WA



# Barn - Forms & Types

## Conical / Round / Centric Barns



Klickitat County, WA



Sisters, OR



Lostine, OR



Medical Lake, WA



Joseph, OR



Diamond, OR



St. Johns, WA



# Barn - Forms & Types

## Centric / Round / Conical Barns



Lakeview, OR



Hillsboro, OR



Pullman, WA



Grandview, WA



Blachly, OR



Lookingglass, OR



# Barn Paint

**HOMEGUARD SUPER QUALITY BARN PAINT**

This brilliant red, high gloss, top grade paint will protect your property for years. It is economical because it wears so long. Barn paint must provide maximum protection at minimum cost. Made from the finest ingredients available . . . assures great covering power and extreme durability. Each of its fine, balanced characteristics prove this to be, "a barn paint of real quality."

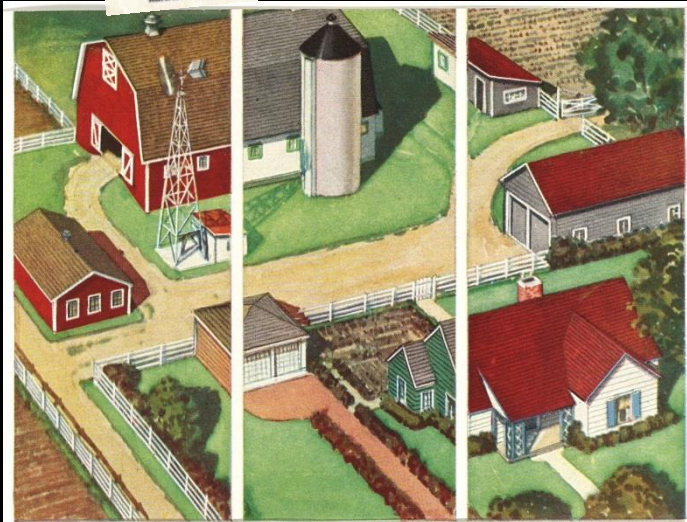
**HOMEGUARD SUPER QUALITY**

**PAINT FINISHES FOR EVERY SURFACE**

- INTERIOR GLOSS ENAMEL
- SEMI-GLOSS FINISH
- HOUSEHOLD ENAMEL
- BUNA-TONE
- COLOR VARNISH
- AUTO ENAMEL
- EXTERIOR TRIM
- PORCH & FLOOR ENAMEL
- SHINGLE STAIN
- IMPLEMENT ENAMEL
- BARN PAINT

**GAMBLE STORES**  
MINNEAPOLIS

**WESTERN STORES**  
LOS ANGELES

## LIFE IS COLORFUL DOWN ON THE FARM

Red, for the barn and sheds, stands out in colorful contrast to the surrounding country. Natural shingle roof and White trim. Garage, Colonial Yellow. Fence, White. Windmill, Aluminum paint.

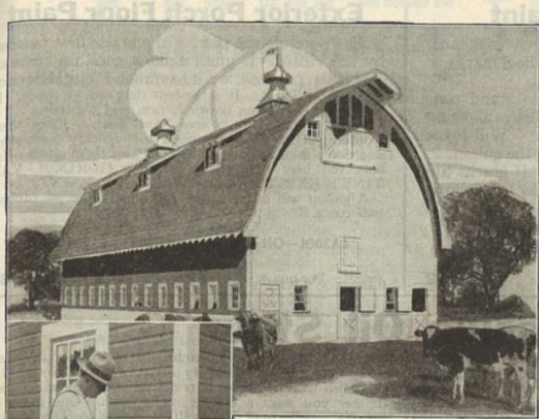
Shades of green with white and gray make up this attractive scene! Verd Green house with White trim. White barn has Silver Gray shingles and Dark Green trim. Garage and fence, White.

For your White house consider Light Blue trim, a Venetian Red roof, for an attractive color scheme. French Gray sheds have Venetian Red roofs. Fence is White. Colors blend together nicely!





# Barn Paint



## Barn Paint

Use Gordon-Van Tine "Quality" barn paint and be assured of success with your painting.

Farmers judge each other by their barns. Keep your barn well painted. Everyone sees it and it's the one best evidence of thrift and "getting on."

Our "Quality" brand barn paint is good and we know it. We don't sell anything but good paint. It is equally good for shingles or metal roofs, fences, bridges, grain elevators and silos. It will lengthen the life of shingles and metal roofing. It is a wood preservative and will add years to the life of your building.

You may use this paint with perfect confidence, knowing that we will stand back of every can or barrel. Only the best ingredients are used. It is ground to an unusual fineness and thoroughly mixed and remixed by the most up-to-date machinery.

One gallon of Quality barn paint can be depended upon to cover about 250 square feet of surface, two full coats. Measure for it by the "square foot" method. You will never regret having given it a trial. Colors (See Page 65).

4A2001—Light Gray. 4A2002—Venetian Red. 4A2003—Mineral Red.

### PRICES PER GALLON

25 and 50 Gallon Barrels	Reds \$1.33 Gray 1.60	5 Gallon Kits	Reds \$1.42 Gray 1.70	1 Gallon Cans	Reds \$1.55 Gray 1.80
-----------------------------	--------------------------	------------------	--------------------------	------------------	--------------------------

**BARN PAINT** A most durable and handsome paint for barns and outbuildings. Prices of lead and zinc make gray cost more than reds. **See index on opposite page**



4A2001 Light Gray



4A2002 Venetian Red



4A2003 Mineral Red



Gordon-Van Tine  
Co. Catalogue –  
c.1924



# Barn Plans

- Farmer
- Itinerant Builder
- Architect
- Plan Service
- Extension Office
- Lumber Yard
- Factory Pre /Ready-Cut



**BLUE PRINTS**  
AND  
**COMPLETE SPECIFICATIONS**  
SHOULD BE USED WHEN BUILDING

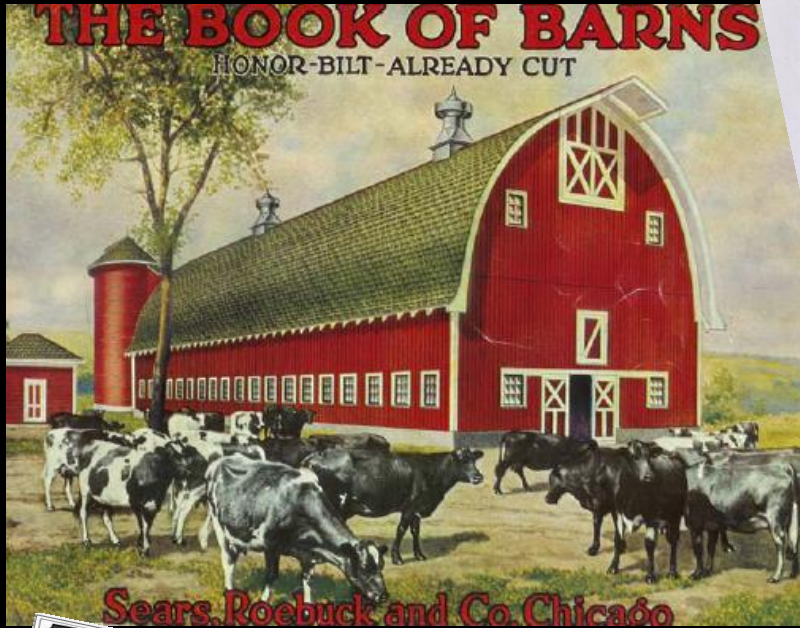
Because you will know in advance how the building will look.  
Because you will know in advance what the building will cost.  
Because you will save money by saving the contractor's time.  
Because we can furnish these plans and specifications at such a low price that you cannot afford to do without them.

---

**Come to Our Office and Get Our Special Blue-Print Proposition**



# Barn Plans Ready Cut



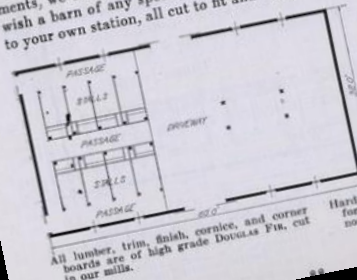
Sears & Roebuck - 1919



**Fenner Barn No. 422**

BARN No. 422, the standard size of which is 36x60, is a good sized barn for general use. The strong, gambrel roof adds many cubic feet of space to the already large loft, and makes an excellent outside appearance. The driveway goes clear through the barn, in the center. To the left of this driveway are stalls and accommodations for live stock, while the space to the right may be used for storing wagons and implements, or may be used for grain and feed. The barn in the picture is equipped with a silo, which, of course, we do not furnish.

It is our policy to show in this catalog only those barns which are of accepted and standard design that they are recognized as the leaders of where. Should the interior arrangement need changing to meet your requirements, we can change it, not only in this, but in any of our barns. Or, wish a barn of any special design, it will pay you to get our prices, and to your own station, all cut to fit and ready to put together easily and



**SPECIFICATION**

Size, 36'x60'.  
Celling heights, first tier, 14'.  
Interior walls, 14'.  
Center girders and sills, 6x8.  
Posts, 6x6 and 4x4.  
First floor joists, under stalls, 2x8, 16" O. C.  
Loft joists, 2x10, 16" O. C.  
Studding, 2x6, 24" O. C.  
Rafters, 2x4, 24" O. C.  
Sheathing for roof, shingles.  
Roof, Extra \* A \* red cedar shingles.  
1st flooring, 1x2 planks, 1x12 with battens.  
Floors, stalls, 1x12 with battens, loft, 1x4 flooring.  
Hardware, nails, hinges, locks, and corner boards are of high grade DOUGLAS FIR, cut in our mills.



**Fenner Barn No. 421**

BARN No. 421 is designed for a small farm or for a person living in a small town who wishes to keep a number of horses or cattle. It is a standard design that has met with general approval and really allows a great many square feet of highly usable room for the price. Such a good sturdy barn as this greatly enhances the value as well as the looks of any place.

There are five stalls with a light, well ventilated passage-way in the rear. Each stall is provided with feed boxes, and three large feed bins are provided in a convenient location. Note also the tool room. The left floor is left in large, and is in no proportion to the size of the barn, being calculated to hold enough feed to supply animals for a year. The mission is to ventilate and carry off all odors, which it does very effectively.



**SPECIFICATIONS**

Size, 28'x36'.  
Center girders and sills, 6x8.  
Posts, 6x6 and 4x4.  
First floor joists under stalls, 2x8, 16" O. C.  
Studding, 2x4, 16" O. C.  
Rafters, 2x4, 24" O. C.  
Sheathing for roof, shingles.  
Roof, Extra \* A \* red cedar shingles.  
1st flooring, 1x2 planks, 1x12 with battens.  
Interior walls, 1x12 with battens.  
Floors and windows as shown.  
Hardware, nails, hinges, locks, and corner boards are of high grade DOUGLAS FIR, cut in our mills.  
All lumber, trim, finish, cornice, and corner boards are of high grade DOUGLAS FIR, cut in our mills.



**FENNER PLAN BOOK**  
OF FACTORY CUT HOMES  
PORTLAND, OREGON

Fenner Manufacturing Co.,  
Portland, OR - 1921



Gordon Van Tine- 1915



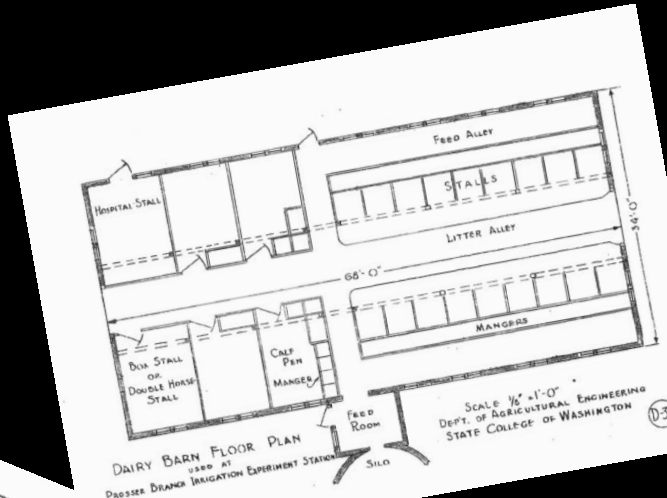
# Barn Plans Extension Service

STATE AGRICULTURAL EXPERIMENT STATION  
Pullman, Washington, September 1, 1915

POPULAR BULLETIN No. 95

## The Dairy Barn and Milk House, How to Construct Them

By  
**R. E. HUNDERTMARK**  
Instructor in Dairy Production, State College  
of Washington  
and  
**A. B. NYSTROM**  
Dairy Husbandman of the Experiment Station



## WSU Extension - 1934

### Planning Farm Buildings

Selecting the Type of Farm Building  
Consider the following to help decide the type of building that will best serve your needs. Consider floor space, layout, and height. Consider the cost of the building and the cost of the land on which it will be built. Consider the type of animals to be housed and the type of work to be done in the building.

Construction  
Consider the following to help decide the type of building that will best serve your needs. Consider floor space, layout, and height. Consider the cost of the building and the cost of the land on which it will be built. Consider the type of animals to be housed and the type of work to be done in the building.

Planning Farm Buildings  
A farm building purchase is a major project that is not often repeated. Engineer changes in construction methods, building designs, and layout arrangements, plus the availability of new building materials make it advisable to review current literature prior to selecting a specific structure. This article will help the buyer obtain a more factual and practical basis for building. Sources of plans and additional planning information are listed. These are available (costs range from \$1.00 to \$10.00 per item) from the Western Regional Agricultural Engineering Service (WRAES), Oregon State University, Corvallis, OR 97331 (phone 754-4021).

Types of Farm Buildings  
When planning a specific building, consider the various types of construction (shown below). The various types of farm buildings have different names and if proper communication is to refer to these with proper terminology.

BRACED RAFTER  
GABLE RAFTER

Extension Circular 2026  
EXTENSION SERVICE

extension bulletin no. 483  
STATE LIBRARY  
OCT 7 1960  
OLYMPIA, WASH.

## PLANNING YOUR DAIRY BUILDINGS

october - 1953

farm structures series

WASHINGTON STATE LIBRARY  
STATE DEPOSITORY COPY

RECEIVED  
NOV 1959  
WA STATE LIBRARY

extension service—Institute of agricultural sciences  
state college of washington—pullman, washington

## WSU Extension - 1953

## WSU Extension - 1915

## OSU Extension - 1981

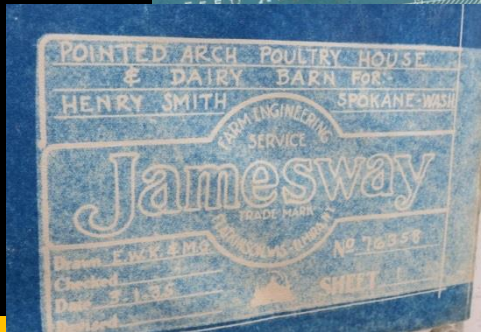
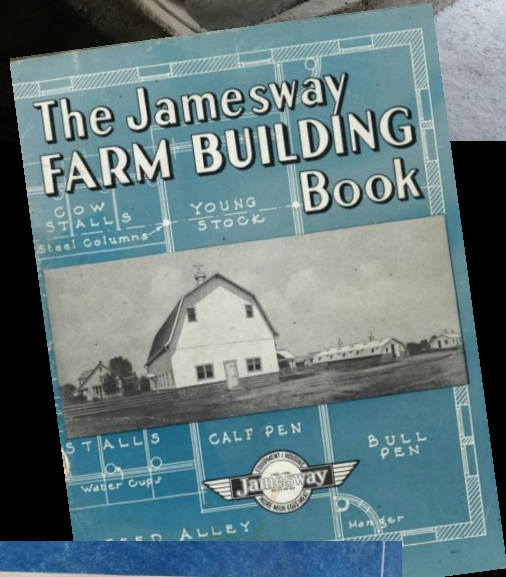
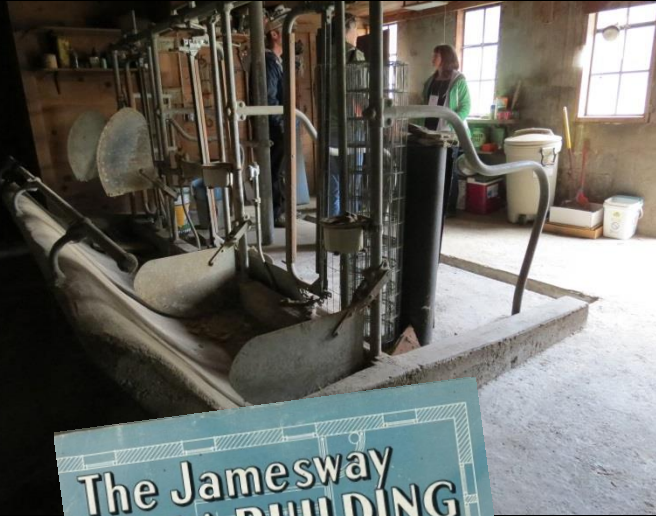
## Smith-Lever Act of 1914







# Jamesway Co.





# Barn Roofing

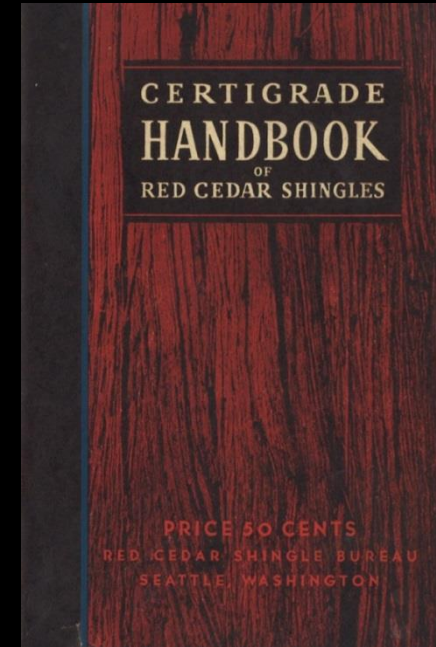
- Wood Shake / Shingle
- Standing Seam
- Corrugated Metal
- Asphalt





# Barn

## Roofing – Wood Shingle / Shake





# Barn Roofing – Standing Seam

**EXTRA HEAVY Two and Three-V Crimp Steel Roofing—U. S. STANDARD WEIGHTS**

**V Crimp Roofing is in Many Respects the Best** of all the various styles of metal roofing. It may be laid over shingles, slates or can be nailed direct to the rafters, which should be spaced 24 inches from center to center, and span to be used on any roof having 1/2 inch or more pitch. It is the only style of metal roofing which requires no underlayment or sheathing. It may be laid over any other kind of roof, as desired. We recommend that you use the best quality of metal roofing, as it will positively prevent the rain, snow or wind from blowing in under the sheet.

**It is Easily Laid** and has many advantages over other kinds of steel roofing. It is especially adapted for factories, barns, sheds or temporary buildings, and, as it requires no soldering and folding or hammering of seams or joints, anyone who has ordinary mechanical ability can put it on. It has a neat appearance and is the most economical and the lowest priced style of steel roofing made.

**We Illustrate at the Left** a sheet of Two-V Crimp Steel Roofing which has a covering width of 24 inches after lapsing one crimp over the other. This roofing comes in different lengths ranging from 10 to 10 feet, inclusive. In laying V Crimp Roofing the ends of the sheets should be lapped not less than 3 inches when used on roofs having a fall of not less than 2 inches to the foot. The Two-V Crimp sheet overlaps the Three-V Crimp sheet 1/2 inch to 1 inch to the lower edge. For a full description of the various styles of V Crimp Roofing, refer to the catalogue in which V Crimp Roofing is sold, or to the nearest Sears and Roebuck store.

**Two-V Crimp Roofing is Shipped Direct** from the Iron Mills in EASTERN OHIO.

**FACTS ON TWO-V CRIMP STEEL ROOFING.**  
State Number of Sheets in ALL Orders.

Catalog No.	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48P3077	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48P3078	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48P3079	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48P3080	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

The above prices are for roofing only and do not include strips or nails. Prices on nails and strips shown above.

It requires 50 linear feet of wood V strips and 1 pound barbed roofing nails for each square of the Two-V Crimp Roofing.

**QUANTITY GUARANTEED**

SEARS, ROEBUCK AND CO., CHICAGO, ILLINOIS.

**SEE PAGE 5 FOR DETAILS**

**56¢** Per Sheet And Up

**53¢** Per Sheet And Up

**40¢** Per Sheet And Up

**MANY WAREHOUSE SHIPPING POINTS**

Sears warehouse shipping service is unsurpassed. One of our many shipping points is near you, and you will find it. Only another reason why you should buy all your roofing needs from Sears.

**CRIMPED ROOFING**

- Made of exactly the same high quality materials as ALL WEATHER Corrugated Roofing on opposite page.
- Choice of 2-V or 3-V, also 6-V Leakproof Type.
- All sheets 24 inches wide, and in lengths shown below.

**Sears Patented Leak-Proof Steel Roofing**

See detailed view above. The most important feature on the interior. Water comes out on the under side of roofing by gutter's attraction. It runs off through the lead if any channel. Offered at price usually asked for the ordinary roofing. Lengths open to order and roofing is shipped direct from our own mills at our regular prices on opposite page. See prices in this catalogue for complete details on opposite page. See also page 10 for full description of this roofing.

**Sears Patented Leak-Proof Steel Roofing**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3081	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3082	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3083	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3084	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3085	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3086	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3087	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3088	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3089	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3090	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3091	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3092	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3093	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3094	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3095	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3096	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3097	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3098	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3099	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3100	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3101	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3102	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3103	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3104	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3105	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3106	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3107	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3108	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3109	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3110	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3111	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3112	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3113	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3114	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3115	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3116	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3117	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3118	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3119	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3120	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3121	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3122	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3123	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3124	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3125	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3126	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3127	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3128	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3129	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3130	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3131	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3132	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3133	\$0.78	\$0.94	\$1.10	\$1.26	\$1.41	\$1.56	\$1.72	\$1.88	\$2.04	\$2.20	\$2.36
48L3134	1.17	1.41	1.65	1.88	2.11	2.34	2.57	2.80	3.03	3.26	3.49
48L3135	.92	1.10	1.29	1.48	1.66	1.84	2.02	2.20	2.38	2.56	2.74
48L3136	1.32	1.59	1.86	2.12	2.38	2.64	2.90	3.16	3.42	3.68	3.94

**CRIMPED ROOFING**

Catalog Description	24 in. x 10 ft.	24 in. x 12 ft.	24 in. x 14 ft.	24 in. x 16 ft.	24 in. x 18 ft.	24 in. x 20 ft.	24 in. x 22 ft.	24 in. x 24 ft.	24 in. x 26 ft.	24 in. x 28 ft.	24 in. x 30 ft.
48L3137	\$0.78	\$0.94	\$1.10	\$1.26	\$						



# Barn Roofing - Corrugated Metal

## EXTRA HEAVY Pressed Corrugated Steel—U. S. STANDARD WEIGHTS

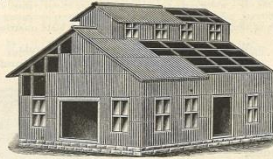
Made in HEAVY GRADE (U. S. Standard 28-Gauge) and EXTRA HEAVY GRADE (U. S. Standard 26-Gauge).

Corrugated Steel is an Excellent Material for roofing, ceiling, siding, awnings, etc. It is especially desirable for grain elevators, mills, barns and fireproof buildings. It requires only a hammer and a pair of tinners' snips to lay corrugated steel either on a roof or side of a building, and for this reason it is especially cheap and easy to lay. It is desirable where a large quantity is used. In putting on corrugated sheet steel the nails should always be driven through the crown or the highest point of the corrugation. Do not hammer the nails down hard enough to batter or flatten the sheet.

**Extra Strong on Account of Corrugations.** By making sheet steel in this corrugated form it gives the sheet great strength and rigidity. United States Standard 26-Gauge, which is known the country over as standard weight and thickness, and United States Standard 28-Gauge, which we describe as extra heavy and which is 20 per cent thicker and heavier than the standard 28-gauge. We recommend the Extra Heavy Grade, or 26-gauge, in preference to the standard weight (28-gauge), as it costs but a trifle more, costs no more to lay and gives nearly double the wear.

**We Furnish Two Thicknesses:** 1 1/4-inch corrugated steel roofing comes in sheets 25 feet long and 104 1/2 square feet to cover one hundred square feet. This does not include end laps. Allow from 4 to 6 inches for end laps, according to the pitch or slope of your roof. When used as siding, a 2-inch end lap is sufficient.

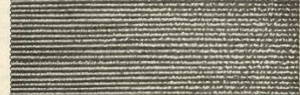
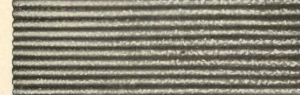
**2 1/2-inch Corrugated Steel Roofing** comes in sheets 25 feet long and 104 1/2 square feet to cover one hundred square feet. This does not include end laps. Allow from 4 to 6 inches for end laps, according to the pitch or slope of your roof. When used as siding, a 2-inch end lap is sufficient.



Above illustration shows a factory building partially covered with corrugated sheet steel. It will save that the building the extra weight covered with this material by nailing it direct to the ceiling and rafters. There is no shuffling used on either the roof or side of the building. We recommend the use of turned roofing nail on all roof covered. The turned nail should be immediately under the steel roofing. It adds to the life of the roof.

Be sure to order 104 1/2 square feet of 1 1/4-inch corrugated steel roofing to cover one hundred square feet. This does not include end laps. End laps for corrugated roofing should be from 4 to 6 inches, according to the pitch or slope of your roof. When used as siding a 2-inch end lap is sufficient.

**1 1/4-inch Corrugated Sheet Steel** comes in sheets 25 feet long and 104 1/2 square feet to cover one hundred square feet. This does not include end laps. Allow from 4 to 6 inches for end laps, according to the pitch or slope of your roof. When used as siding, a 2-inch end lap is sufficient.



PRICES OF 2 1/2-INCH CORRUGATED STEEL.

Catalog No.	Price, 5-ft. Sheet	Price, 10-ft. Sheet	Price, 15-ft. Sheet	Price, 20-ft. Sheet	Price, 25-ft. Sheet	Price, per sq. ft.	Weight, per sq. ft.
48P3108	\$ 0.84	\$1.01	\$1.18	\$1.35	\$1.52	\$1.68	68 lbs.
28-Gauge, Galvanized							
48P3106	1.26	1.52	1.77	2.02	2.27	2.52	11.55
28-Gauge, Galvanized							
48P3124	1.00	1.20	1.40	1.60	1.80	2.00	9.20
28-Gauge, Painted							
48P3123	1.43	1.72	2.01	2.30	2.58	2.86	13.12
28-Gauge, Galvanized							

State Number and Length of Sheets on All Orders

PRICES OF 1 1/4-INCH CORRUGATED STEEL.

Catalog No.	Price, 5-ft. Sheet	Price, 10-ft. Sheet	Price, 15-ft. Sheet	Price, 20-ft. Sheet	Price, 25-ft. Sheet	Price, per sq. ft.	Weight, per sq. ft.
48P3107	\$0.82	\$0.99	\$1.16	\$1.32	\$1.48	\$1.64	57.85
28-Gauge, Painted							
48P3108	1.22	1.47	1.72	1.96	2.20	2.44	11.68
28-Gauge, Galvanized							
48P3124	0.98	1.18	1.38	1.58	1.77	1.96	9.33
28-Gauge, Painted							
48P3123	1.38	1.66	1.94	2.21	2.48	2.76	13.24
28-Gauge, Galvanized							

Above prices do not include paint or nails.

Corrugated Ridge Roll to Fit 2 1/2-inch Corrugated Steel Roofing.  
No. 48P3272 28-Gauge, Painted.  
Price, per 5-foot length, .50c  
No. 48P3270 28-Gauge, Galvanized.  
Price, per 5-foot length, .60c  
Weight, about 2 1/2 pounds.

Corrugated Ridge Roll to Fit 1 1/4-inch Corrugated Steel Roofing.  
No. 48P3271 28-Gauge, Painted.  
Price, per 5-foot length, .85c  
No. 48P3269 28-Gauge, Galvanized.  
Price, per 5-foot length, .65c  
Weight, about 2 1/2 pounds.

**TIN SHINGLES OR FLASHINGS**  
No. 48P3199 Made of a good grade of roofing tin and cut to exact sizes. Useful for repairing old roofs and making a tight joint around chimneys, etc. Painted on one side. Shipped from our CHICAGO store.  
Size, 5x7 inches. Price, each, .50c  
Per 100 (Shpg. wt., 15 lbs.), 1.50  
Size, 7x10 inches. Price, each, .04  
Per 100 (Shpg. wt., 30 lbs.), 3.50

**VALLEYS-IN ROLLS**  
No. 48P3198 Made of IC tin plate in a continuous strip, locked and soldered. Put up in rolls. Full lengths are 50 feet, but we can furnish any quantity. Painted on one side. Shipped from our CHICAGO store.

Width, Inches	Price, per 100	Price, per 50	Weight, per 100
14	1.14	.85	29 lbs.
20	1.56	1.15	41 lbs.
28	2.22	1.57	58 lbs.

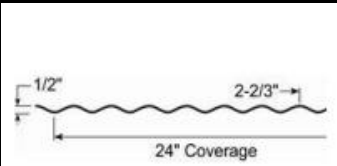
**GALVANIZED STEEL VALLEY**  
Put up in rolls. Made in United States standard 28-gauge steel and extra heavy United States standard 26-gauge steel, 14 inches wide. Lock seam and soldered. For valleys and flashings. Shipped from our CHICAGO store.

Catalog No.	Thickness or Gauge	28-Foot Roll	50-Foot Roll
48P3197	28-gauge	\$2.85	\$7.53
48P3176	26-gauge	\$2.68	\$6.21

SEARS, ROEBUCK AND CO., CHICAGO, ILLINOIS.



## Sears & Roebuck Roofing Catalogue - 1908





# Barn Roofing - Asphalt

Gordon-VanTine Co. - Satisfaction Guaranteed or Money Back PAGE 85

## "Jap-a-Top" SLATE SURFACED Roofing



**JAP-A-TOP SLATE SURFACED ROLL ROOFING**  
 Jap-a-Top Slate Surfaced Roll Roofing is made of long fibre felt saturated with pure asphalt. Into this is imbedded a heavy layer of **Genuine Crushed Slate** of either natural dark red or sea green color. The result is a durable, fire resisting roofing that we guarantee for 15 years.

**Fire Resisting**  
 The non-inflammable materials in the base covered with slate give maximum fire resistance. Sparks from a chimney may set fire to a wood shingled building at any time. With Jap-a-Top Slate Surfaced Roofing on your home you are protected from this danger. Meets fire underwriters requirements everywhere. Ideal for farm use.

**Easy to Apply**  
 Comes in rolls of 108 square feet per roll. We furnish large headed galvanized roofing nails and sufficient cement for seams which must overlap to make it waterproof. Each roll covers 100 square feet. Much easier than shingles to apply. Weight full 85 pounds to the roll.


**Colors Permanent**  
 You will find this roofing is a non-conductor of heat and cold, which means a fuel saving in winter and a cooler house in summer. The colors are permanent—will not fade—not affected by sun or rain. This roofing **contains no coal tar**. Samples sent free on request, but you are perfectly safe in buying direct from this page, as we will return your money and freight both ways if you are not thoroughly satisfied.

**Note: All Jap-A-Top Roofings Carry Underwriters Label**  
 SA2059—Dark Red    Weight per roll 85 pounds    SA2065—Sea Green  
 Price, per roll of 108 square feet, **\$1.95**  
 Shipped from Davenport, Chicago, Cincinnati, Kansas City or Factory in New York

Gordon-Van Tine Co. Catalogue – c.1924



**Genasco**  
 THE TRINIDAD-LAKE-ASPHALT  
**Ready Roofing**  
 makes all your buildings lastingly weatherproof. The natural oils of this asphalt give it life.  
 The KANT-LEAK KLEET makes seams weathertight. Write for samples and the Good Roof Guide Book.  
**The Barber Asphalt Paving Company**  
 Largest producers in the world of asphalt and ready roofing  
 Philadelphia  
 New York    San Francisco  
 Chicago



## ASPHALT ROOFING ON THE FARM

A Practical Handbook on How to Meet Wartime Housing Problems on the Farm with Serviceable ASPHALT Roofing Products

Asphalt Roofing on the Farm— c.1950









# Barn Framing / Truss System

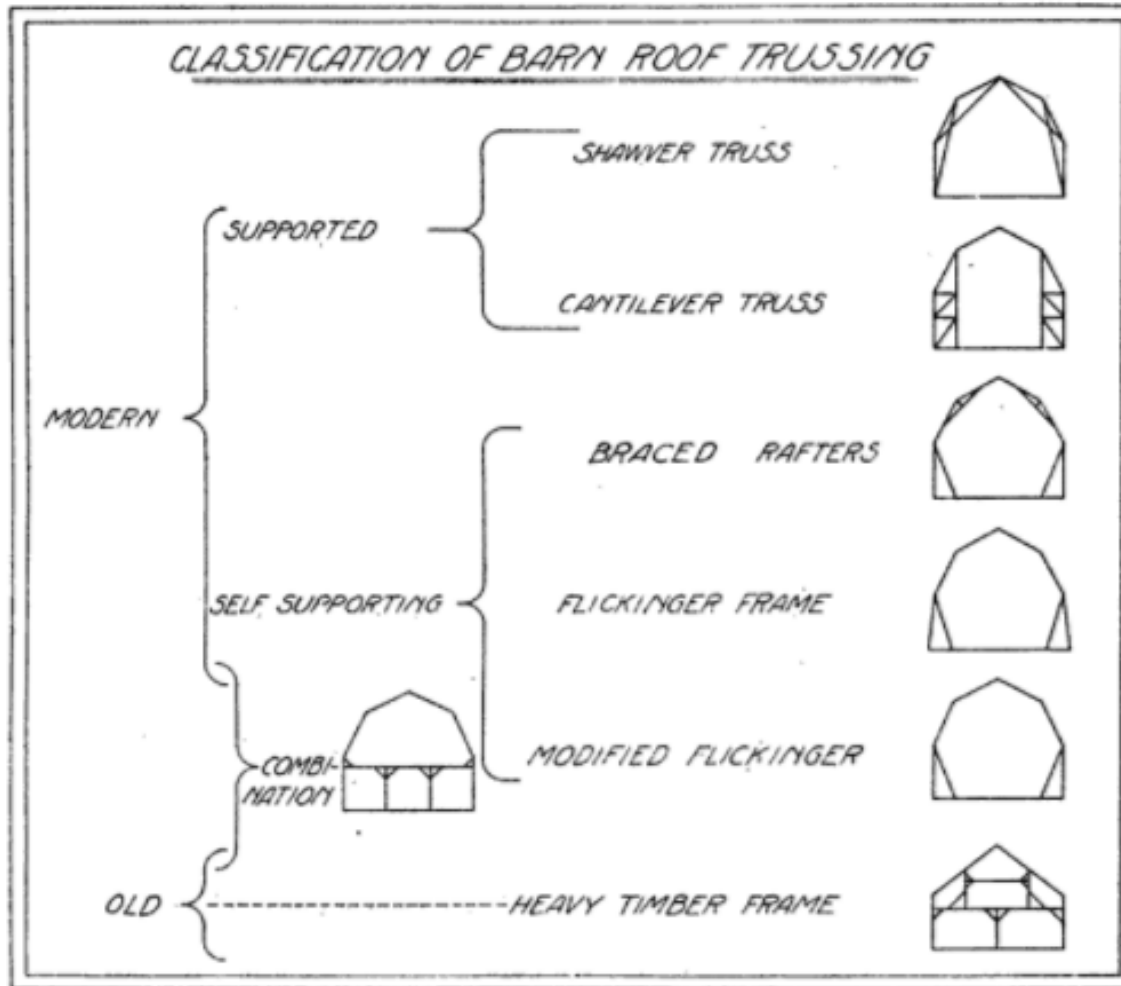


Fig. 1. Six types of barn roof trusses



American Society of Agricultural Engineers

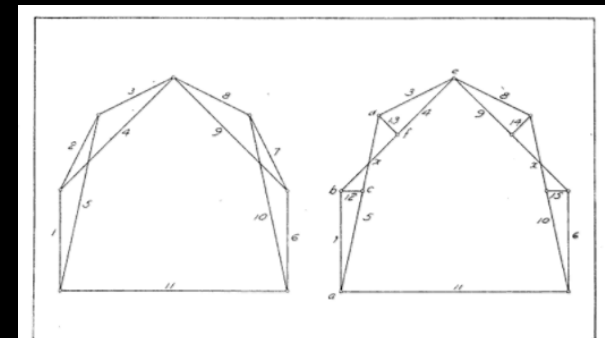


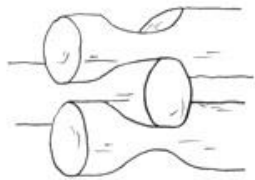
Fig. 2a

Fig. 2b

Two types of Shawver truss

# Barn – Framing/ Truss System

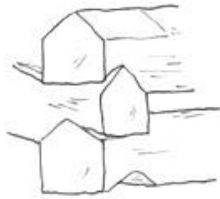
## Log Framing



Saddle notch



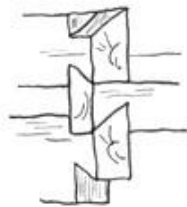
Diamond notch



V-notch



Full Dovetail notch



Half Dovetail notch



Square notch

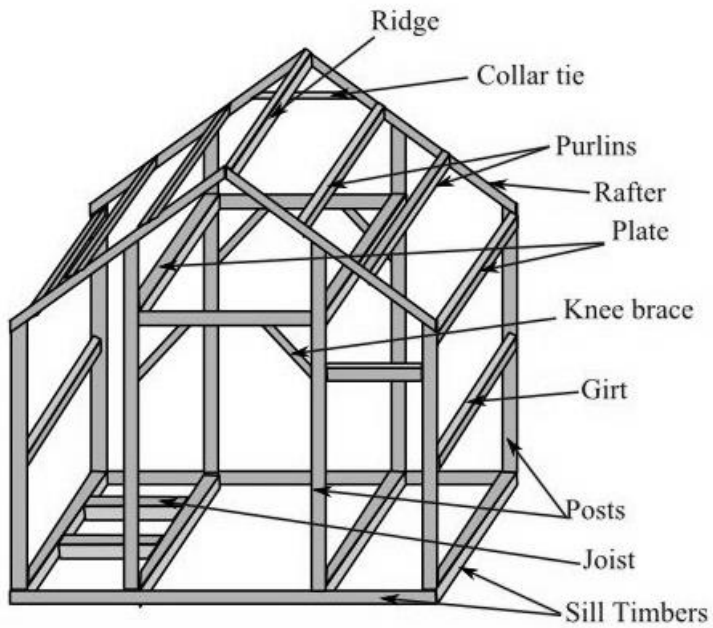




# Barn – Framing/ Truss System

## Heavy Timber - Framing

### Timber Framing Diagram



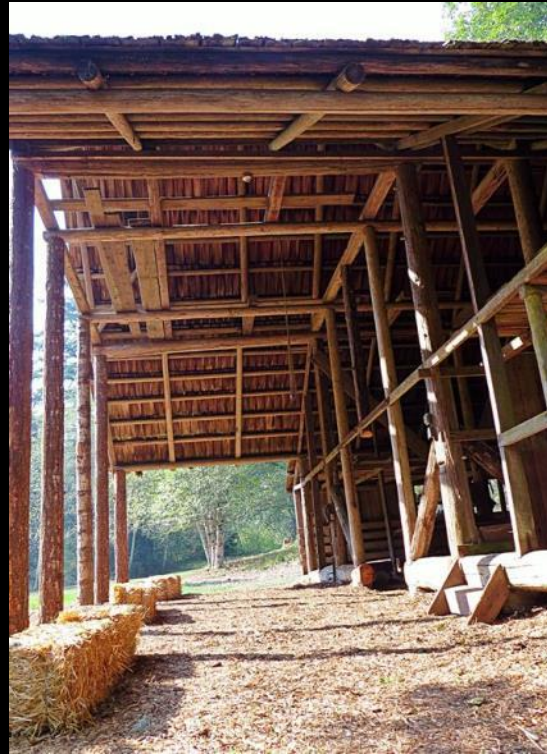
© 2011 MJ Logan





# Barn – Framing/ Truss System

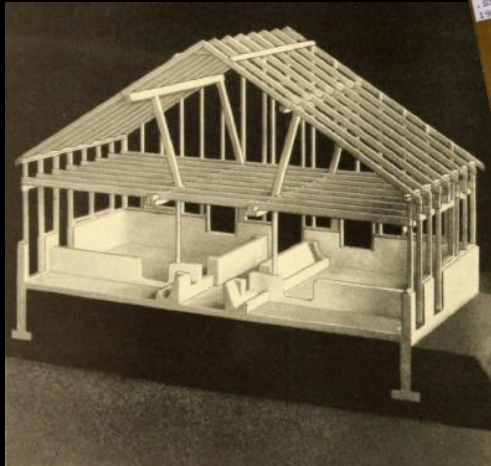
## Pole Construction - Framing





# Barn – Framing/ Truss System

## Plank Framing - Gable Framing



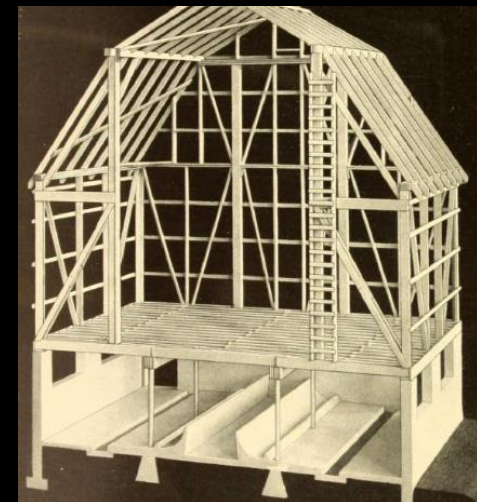
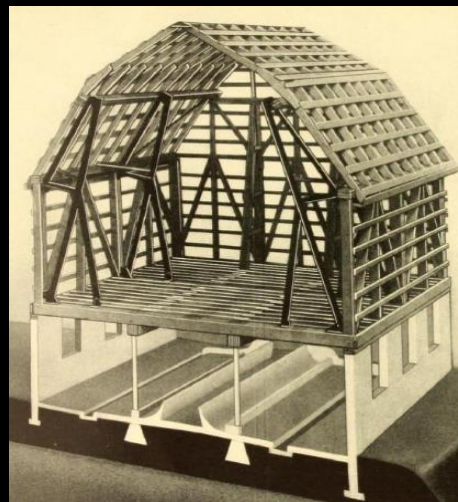
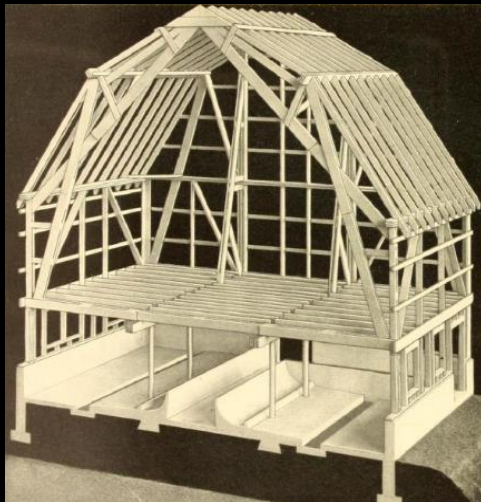
1904





# Barn – Framing/ Truss System

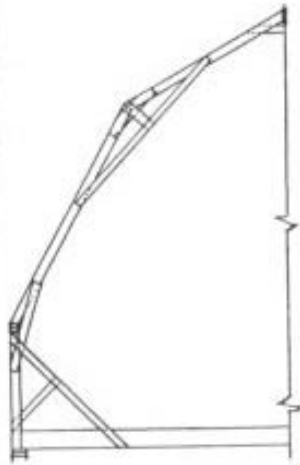
## Plank Framing – Gambrel Framing



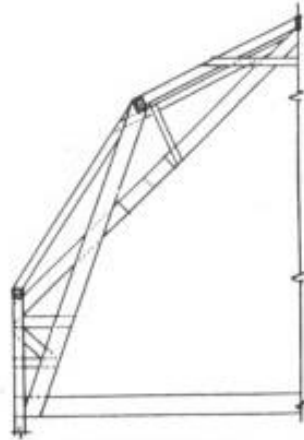


# Barn – Framing/ Truss System

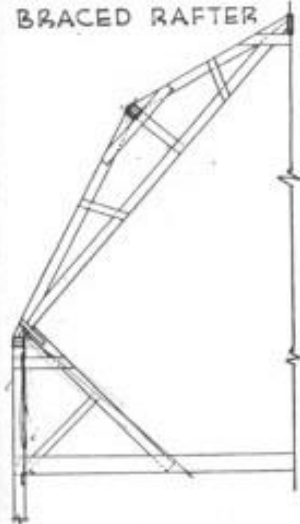
## Plank Framing - Gambrel Framing



BRACED RAFTER



SHAWVER



IOWA



STRAP



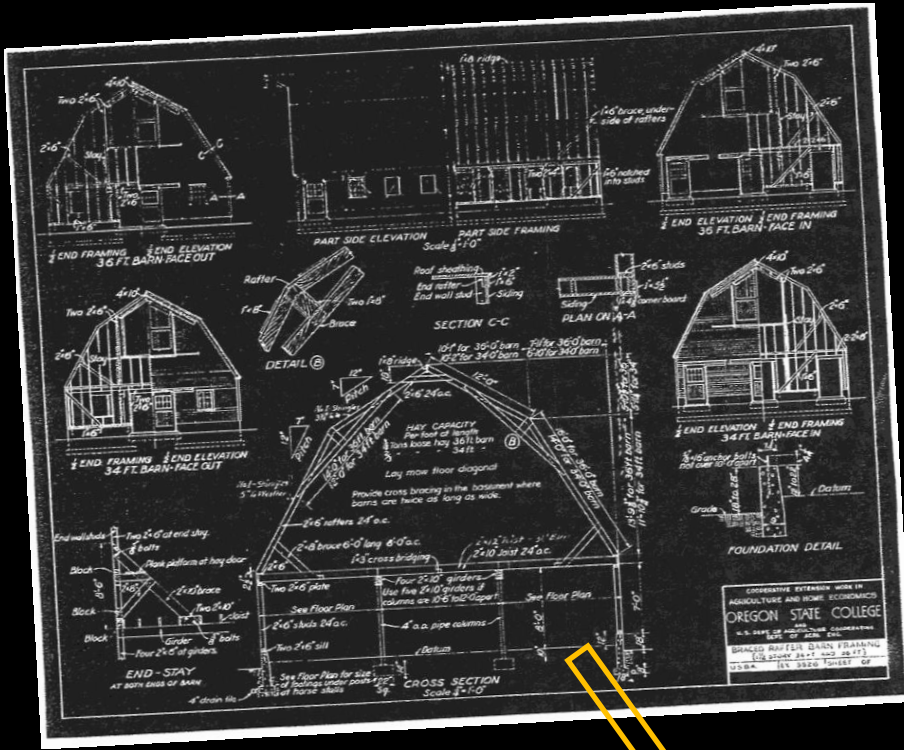
METAL ANCHOR



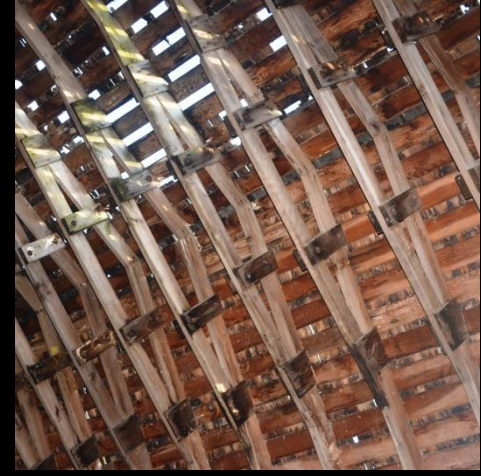
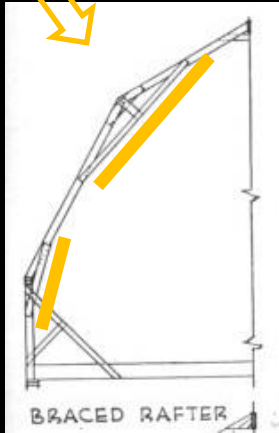
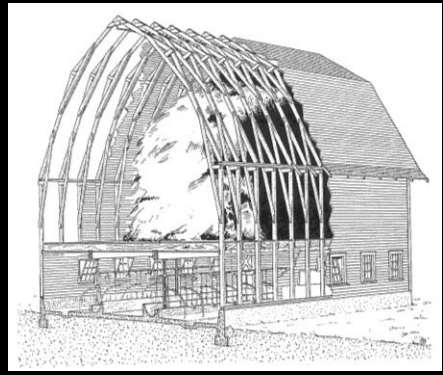


# Barn – Framing/ Truss System

## Braced Truss - Gambrel Framing



OSU Extension – Braced Truss



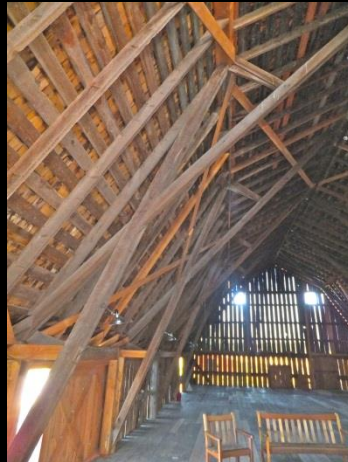
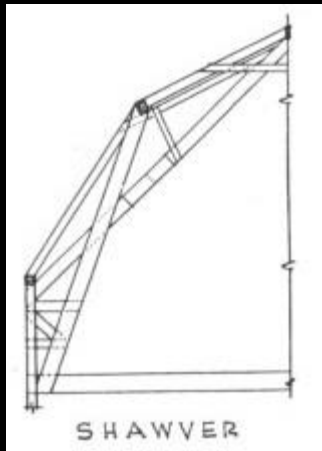
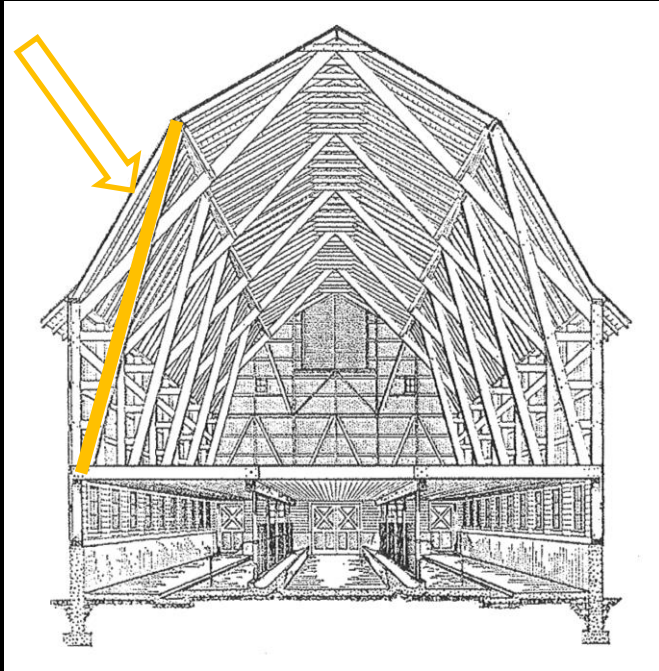






# Barn – Framing/ Truss System

## Shawver Truss - Gambrel Framing



Truss developed  
late 19<sup>th</sup> Century





# Barn Barn – Framing/ Truss System

## ??? Truss - Gambrel Framing

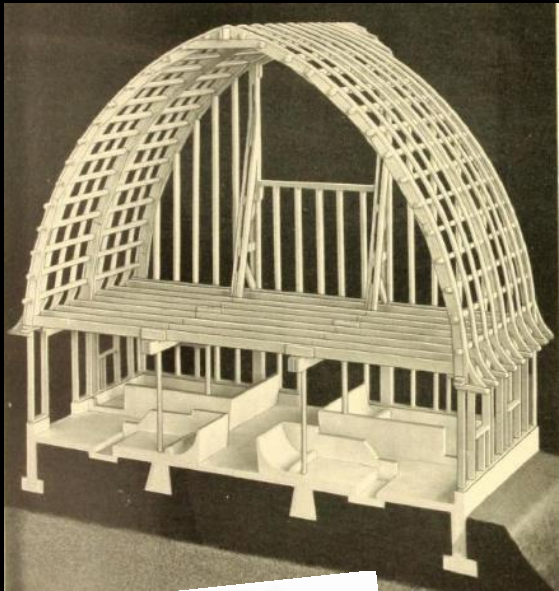
*Other truss systems*



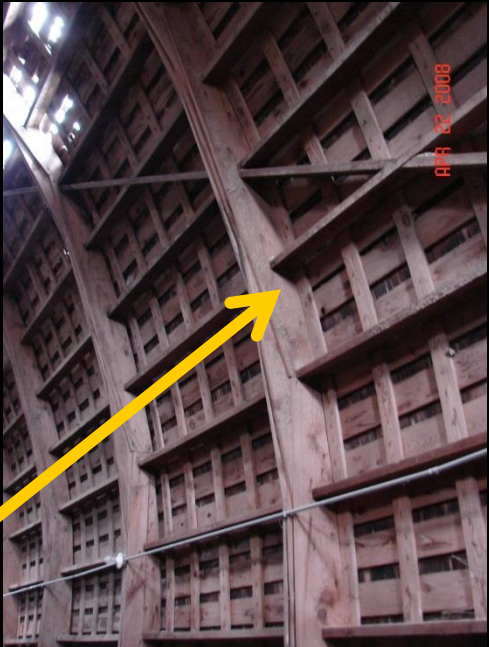


# Barn – Framing/ Truss System

## Plank Framing - Gothic Arch



Bent



Plank

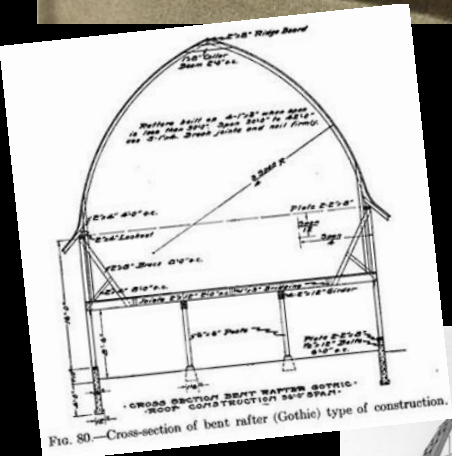
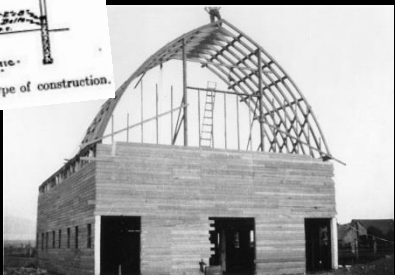


FIG. 80.—Cross-section of bent rafter (Gothic) type of construction.

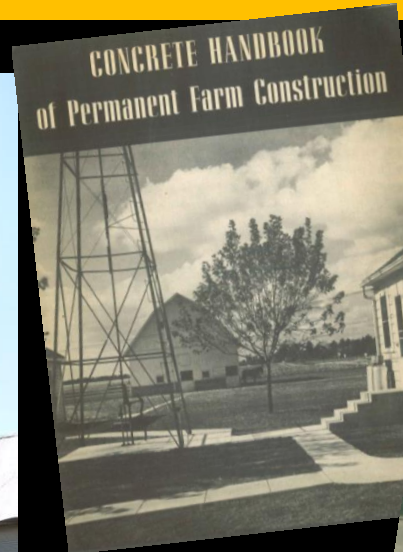
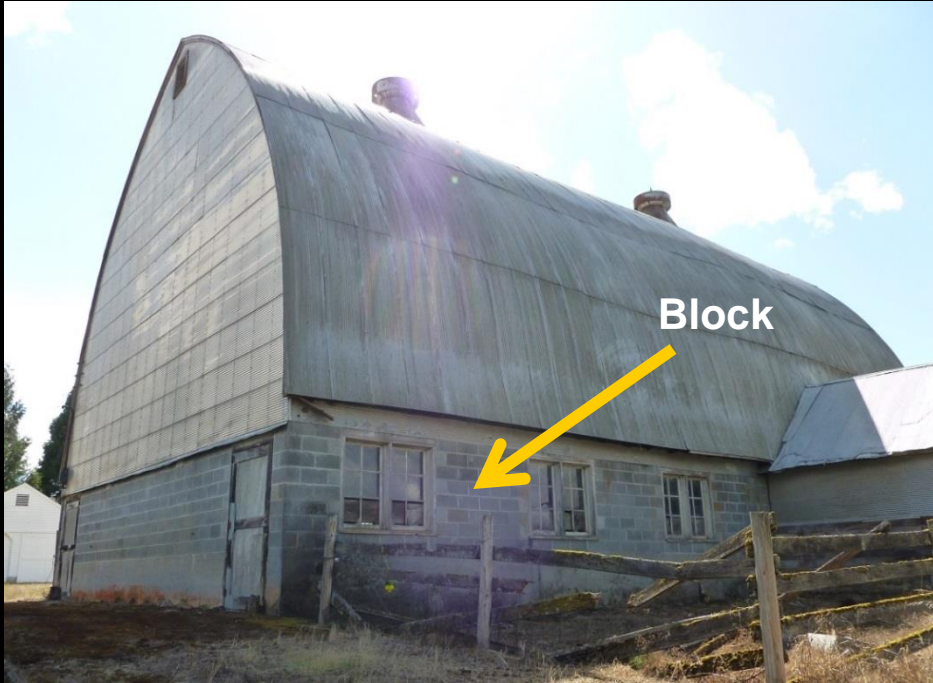


Truss

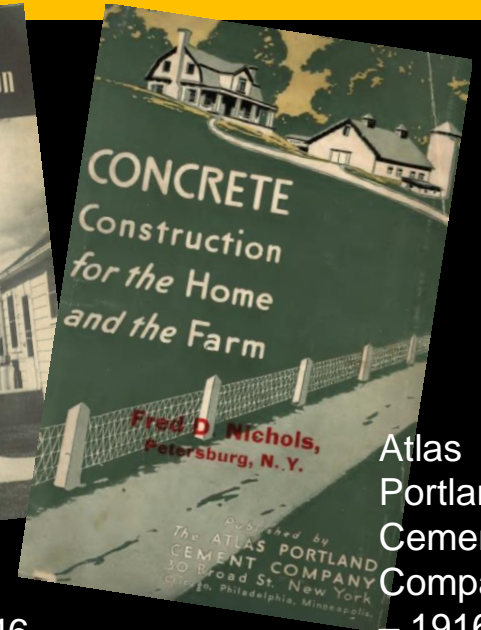




# Barn – Framing/ Truss System – Concrete: Poured & Block



Portland Cement Association – 1946



Atlas Portland Cement Company – 1916

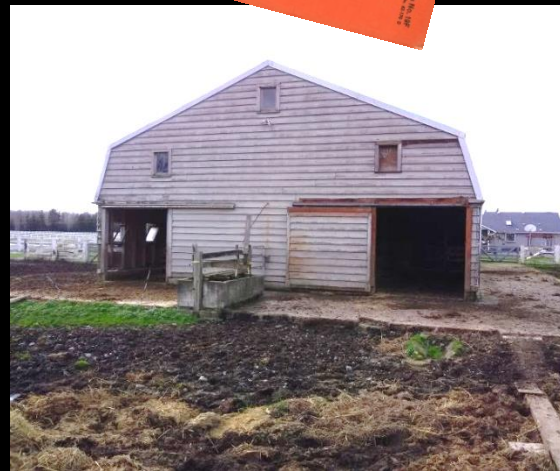
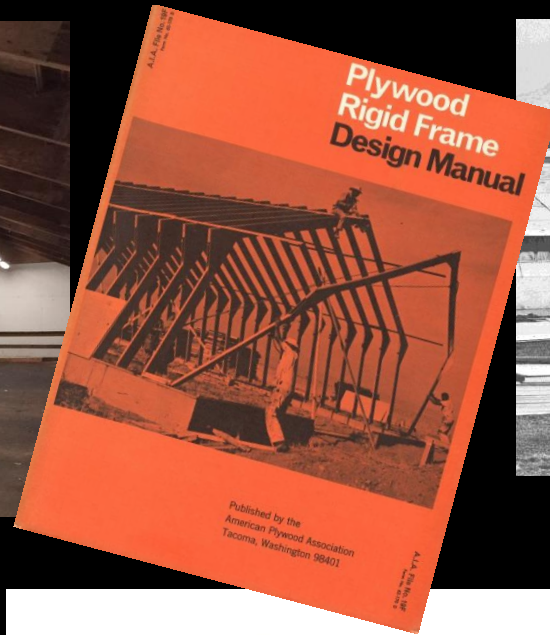




# Barn – Framing/ Truss System – Plywood Rigid Frame



Lewis County Fairgrounds



Buckley, WA, 1960

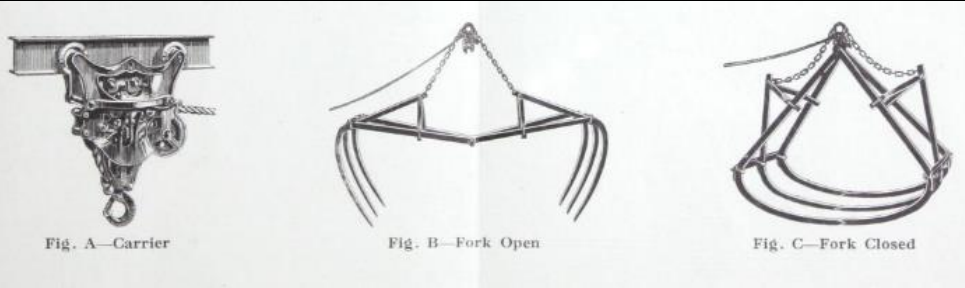


American Plywood Association – 1962-64

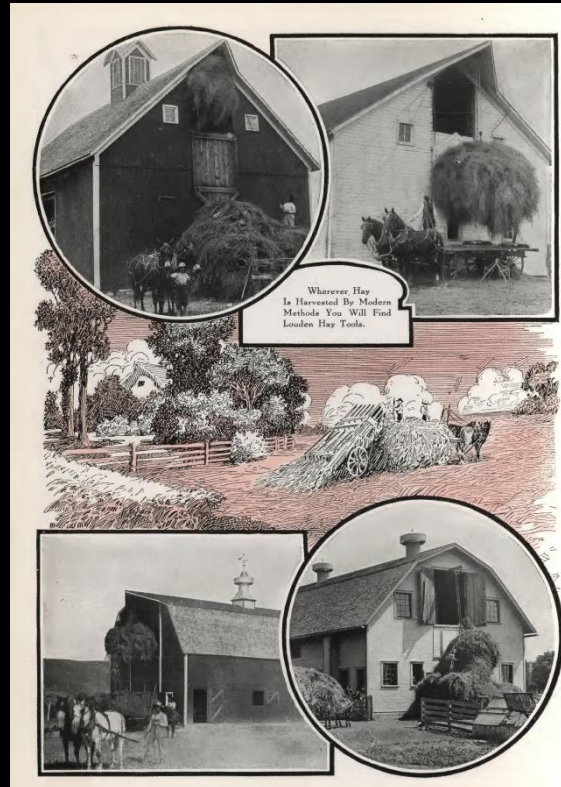


# Barn - Details

## Hay Hoods



Hay Fork





# Barn - Details

## Hay Hoods



Garfield County, WA



Linn County, OR



Graham, WA



Benton County, OR



Klickitat County, WA

Keizer,  
OR





# Barn - Details Cupolas & Ventilation



A ventilating system must be planned individually for the building into which it is to go.

## Barn Ventilation

By L. KLIMA,  
Barn Ventilation Expert

IN THE days of straw sheds when stock was not properly housed, very little attention was paid to pure air, and not much was known about its real food and life-giving value. It soon became apparent to those making a study of stock raising that these animals would be more productive when housed in warm buildings, and this is what has brought about the modern barn. It is true that

the warm room has increased the product, for example, the flow of milk from the dairy cow; but this warm, tight building has also brought about a condition that breeds disease; and the disease is proving to be a menace to live stock and mankind.

It has been proved that pure air is two-thirds of a cow's ration; in other words, for every pound of feed and water

combined that is consumed it requires the oxygen from two pounds of pure air to properly assimilate this feed. It is true that no farm stock buildings are air tight; but if the stock can get only one-half the required amount of pure air, it would have the same effect as if they were given only a part of the feed and water they naturally require to sustain life and make them productive.

Much has been written on the subject of ventilation for farm



Winn Barn,  
Weston, OR  
1916



The King System, which is the best part of the King Ventilating System, used in the past but is now almost obsolete. It is a simple, but not a scientific system, and great care should be used in selecting it. The King System ventilator is illustrated above in the past, and above the new, scientific system. Below is a drawing of a ventilator, which is the King System, and is the best part of a ventilating system, and great care should be used in selecting it. *Winn*

### MAJESTIC VENTILATORS

For Barns and Stables  
Majestic Ventilators are scientifically and constructed. They have been for the best and most approved models.

Each ventilator required is governed by the number of cattle in the building. If more than twenty cattle under one roof I have two or more ventilators of the King System.

Each ventilator has a continuous draft to draw out the foul air and replace it with fresh air, without causing a draft.

Each of these ventilators will go a long way in making any outbuilding attractive, and service consists in keeping the building ventilated under all weather conditions. Agricultural authorities agree that ventilation is necessary in order to get the best from stock of any kind. Animals better in a building continually supplied with fresh air. Considering the low price and the high quality of our ventilators, no farmer can afford to be without one.

Extra heavy 22, 24 and 26-gauge galvanized steel is used in the manufacture of our Majestic Ventilators, according to size. Nothing thinner than 26-gauge galvanized steel is permitted. This is much thicker stock than is generally used. Each ventilator is equipped with four stay rods which hold it securely in place on the roof. A wire screen is provided to keep the birds out. When properly secured to the roof, our ventilators, owing to their weight and scientific attachment, will resist unusually severe storms.

Price Ventilators for Small Buildings.

Price of Prince Ventilators for Small Buildings.

On the section of roof illustrated we show our Special King Cupola Ventilator, which comes in rolls and looks exactly like painted or enameled roofing. Send about this wonderful roofing on colored insert between pages 8 and 13.

Capacity	Net Price	Shipping	Total Price
1000	12.00	1.00	13.00
1500	18.00	1.50	19.50
2000	24.00	2.00	26.00
2500	30.00	2.50	32.50
3000	36.00	3.00	39.00
3500	42.00	3.50	45.50
4000	48.00	4.00	52.00
4500	54.00	4.50	58.50
5000	60.00	5.00	65.00

Capacity	Net Price	Shipping	Total Price
100	1.00	.10	1.10
200	2.00	.20	2.20
300	3.00	.30	3.30
400	4.00	.40	4.40
500	5.00	.50	5.50
600	6.00	.60	6.60
700	7.00	.70	7.70
800	8.00	.80	8.80
900	9.00	.90	9.90

Lightening rod connections, consisting of heavy copper wire, properly fastened inside of ventilation. SEARS, ROEBUCK AND CO., CHICAGO, ILLINOIS.



# Barn - Details

## Cupolas & Ventilators



Whitman Co. - The Smith  
Place - 1935



Snohomish Co. - Grimm-  
Jensen Farm - 1932



Adams Co. - Krause Barn -  
1901



Pierce Co. - c1923



Spokane Co. -  
Hyslop Farm - 1926



Pend Oreille Co. -  
LaPorte Barn - 1901



# Barn - Details Equipment



Cook Family Farm – 1927



Shady Nook Farm – 1920



Smith Place – 1935



Grimm-Jensen Farm – 1932



Schindler – 1909





# Barn - Details Decoration



Heath Farm – c.1920



Bolick Farm – 1895



Ebby Road Farm – 1923



Brown Farm, Olympia – c. 1905



# Barn - Details Decoration



Cochran-Rice Farm, Cottage Grove



Barn, Oakland, OR



Polson Farm, Waterville, WA – c. 1915



Gribble Barn, Canby, OR



# Associated Farm Buildings

- Bunk Houses
- Fruit Dryers
- Granaries
- Hop Dryers
- Machine Shed
- Milk Houses
- Poultry Houses
- Root Cellars
- Silos
- Smoke Houses
- Water Towers





# Associated Farm Buildings



Woodshed



Outhouse



Granary



Farmhouse



Homestead Cabin



Root Cellar







# Silos - Typology



**Wooden Octagonal Silo**

Asotin Co – c.1895



**Vertical Wood Stave Silo**

Clark Co. – c.1900



**King Silo**

Klickitat Co. – 1920



# Silos - Typology



**Brick Silo**  
Spokane Co. – 1919



**Concrete Stave Silo**  
Pierce Co. – c.1920



**Glazed Tile Silo**  
Clark Co. - 1920



# Silos - Typology



**Steel Paneled Silo**

Pierce Co. – c.1935



**Poured Concrete Silo**

Grays Harbor Co. – c.1935



**Harvestore Silos**

Adams County - c. 1948



The Washington State

# Department of Archaeology & Historic Preservation



Michael Houser, *WA State Architectural Historian*  
360.586.3076 or [michael.houser@dahp.wa.gov](mailto:michael.houser@dahp.wa.gov)

