

Plywood Use Goes To Farms of Nation

To answer the question: how farmers, both large and small, can construct more usable hog houses, chicken brooders, barns, silos, has been formulated by more than a dozen years of experimental tests at colleges and state institutions throughout the nation.

The fir plywood industry, by and through its trade association, Douglas Fir Plywood Association at Tacoma, initiated a co-operative program with state colleges and universities to determine through actual construction and use of plywood structures, best construction practices to attain tighter, warmer, more durable buildings.

About 200 projects, ranging from farm house remodeling to silos and pre-fabricated hog houses have been initiated and are being scrutinized for performance information.

These research projects have been of durable importance in readying fir plywood for widespread use on the farm as a basic building material. First, building of the structure affords farmers the opportunity of seeing the test units in actual use and makes possible accumulation of performance data. Second discussions and description of the plywood farm buildings in the agricultural college bulletins are fruitful because of the established reader confidence in such publications.

Use of plywood, to date, for farm building has by no means been limited to construction of experimental structures. Individual farmers, no matter whether they have a tiny ranch to supplement their regular income from another source, or extensive land holdings, have discovered the advantages of building with plywood. For all outdoor uses, of course, the farmers use the out-

door type plywood bonded with waterproof adhesives that will be able to withstand permanent exposure.

The basic advantage of plywood for construction in general apply directly to farm buildings. That is, the large size of the panels speeds construction, the inherent strength contributes greatly to the rigidity of the structure, the absence of cracks means tighter construction. Finally, the fact that plywood is real wood appeals to all types of farmers because many of them do their own building between seasons and they are all familiar with wood.

In addition, certain plywood farm buildings have specific properties of prime importance. For example, chicken ranchers have found that frequent moving of the brooder houses decreases disease among successive broods.

Plywood buildings are light, easy to move, but will not be damaged due to wacking. The tight, smooth walls and floors, free from cracks, are easy to clean.

Plywood of the exterior or outdoor type, has proved excellent for the lining of milk houses. The smooth walls can be easily painted to gain surfaces that are both sanitary and glistening in appearance. Further, the puncture-proof plywood walls will withstand severe abuse.

The lining of barns—or the construction of barns—is simplified with plywood. Furthermore, the building, when properly constructed, will be permanent, and the cattle or stock cannot damage the panels that are pound for pound stronger than steel.

Not to be overlooked are abilities of plywood in the remodeling of farm or ranch houses. The material is standard for making of cabinets, closets, and built-in conveniences. Plywood over an old, worn floor makes a smooth, firm base for linoleum and the panels cover old, cracked walls easily,

Do You Know The Weight of Plywood —A Weight Table

Do you know how much a panel of plywood weighs before you go down to your favorite lumber dealer to pick up some of the material (provided he has it) to line your garage, build a boat, or make some furniture—or a new home?

Here is the answer. Quarter-inch plywood, that's the thickness usually used for sealing the attic, making a playroom in the basement, and a thousand other purposes, weighs 790 pounds per each 1000 square feet. Most plywood is sold by four-by-eight panels or in sheets of 32 square feet. Accordingly, this size panel, 3/4-inch thick will weigh 25 pounds.

The same size panel of the 5/8-inch thickness weighs 36 pounds, and 1/2-inch plywood weighs 48

to afford pleasant, new interiors of lasting beauty.

A list of plans both for new farm structures and for remodeling old ones, may be obtained from the Douglas Fir Plywood Association, Tacoma Building, Tacoma 2, Wash., and bulletins containing them may be procured by Oregon farmers from Oregon State College.

Try Plywood For Those 'Built-Ins'

A man with a skill-saw, square, a plan and a little ambition, is able to realize all the built-ins he may need or want about his own home.

Build a framework of any dimension lumber desired, with the doors framed to sizes desired.

For top, and fronts, including doors, 3/4-inch plywood works out best. This same material may be used for the adjustable shelving insisted the built-ins.

Flour bins, or some receptacle for sugar, salt, etc., may be constructed in a like manner, using plywood for the bin because of its strength. The cost is so low when one considers the results.

pounds for each four-by-eight foot panel.

Here is a table of weights of different thicknesses of Douglas fir plywood: (all weights are per 1000 square feet):

1/4-inch	790 lbs.
5/16-inch	950 lbs.
3/8-inch	1125 lbs.
7/16-inch	1300 lbs.
1/2-inch	1525 lbs.
9/16-inch	1675 lbs.
5/8-inch	1825 lbs.
11/16-inch	2000 lbs.
3/4-inch	2225 lbs.
13/16-inch	2375 lbs.
7/8-inch	2600 lbs.
1-inch	3000 lbs.
1 1/4-inch	3350 lbs.

RIVER FRONTAGE FOR SALE!!

10 acres, adjacent to Chetco River Bridge, overlooking river and ocean. Fronts on Highway 101 with 1500 feet river frontage. Ideal site for sub-division, resort or industrial. Write or see

F. A. HART, Harbor, Oregon

BROOKINGS, ORE.

Will Have Finest Tourist Motor Lodge!



Shown in the picture is the initial group of Five Double rental units (2 bedrooms and bath) of the

THE NEW BEAVER STATE LODGE

planned for the immediate future is an added group of eight single units (1 room and bath) which will be reserved for commercial men. All of the Beaver State's Cabins will be of the De Lux type; embodying the most advanced construction features and interior appointments. All cabins will, of course, have private garages.

When finally completed the Beaver State Lodge will consist of 32 rental units (24 tourist and 8 commercial, and a central administration building.

August DePhillips, owner and present manager, was motivated entirely by the present and future development of this area; hence his planned intention of making the Beaver State Lodge one of the finest, if not the finest, tourist accommodations in the entire length of the Coast Highway.



Club 6623

Old-Time Values Are Same!

To any Rotarian, be it here, or somewhere around the world, old-time values remain the same—honesty, courtesy, friendliness, fellowship—it matters not which.

Club 6623 Meets Tuesdays!

Chartered May 14, 1947, Brookings Rotary club meets Tuesday noons at Chetco Inn, for an hour of fellowship and understanding. It is a joy to the club to have visitors, to have any guests members may bring. Visiting Rotarians are always greeted royally.

Community Welfare Comes First

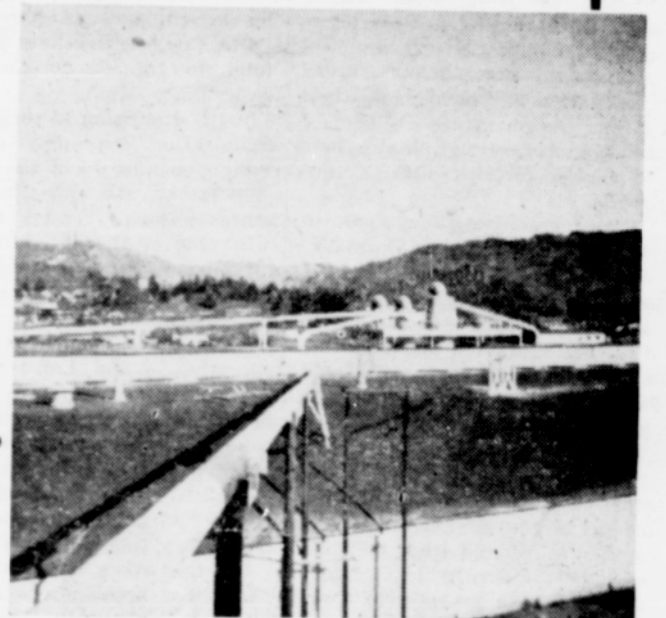
Welfare of this community, of the youth, of the schools, and anything which means much to the welfare of the citizens. One cannot be happy and another sad, and prosper.

Service Above Self Always!

Founded on service above self, one will always find Rotarians ethical, willing to extend themselves to make the lives of others fuller, richer, and more joyous. If Rotary could enter Russia, threat of war would vanish like fog in the sun. Rotary blends personalities.

Southwestern Oregon

Takes Another Step Toward Industrial Importance!



View of dust collectors and pipe at Brookings Plywood Corporation Plant.

BROOKINGS PLYWOOD CORPORATION has given tremendous impetus toward the industrial growth of this area. We of American Sheet Metal Works are happy to have contributed to this development with the installation in this plywood plant of our complete blower systems, which take the dust from the sanding, trimming and patching departments and convey it to the boiler room.

SOUTHWESTERN OREGON has great industrial possibilities—destined, we believe, for rapid realization in the near future.

Fabricated Steel Products To Your Specifications!

AMERICAN SHEET METAL WORKS, Inc.
Manufacturers of Blowers
920 NE Glisan Portland, Oregon EAst 0111