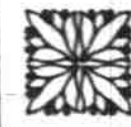


Pep and Progress Pages



Valley Motor Co

260 North High Street

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The Largest and Most Complete Hostelry in Oregon Out of Portland

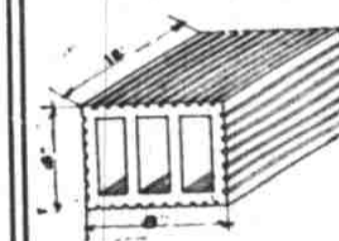
Furnace for your home—Buy the Oregon Made. W. W. ROSEBRAUGH CO.

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Build your modern home with burned building blocks, cheapest and best for durability, absolutely fire-proof.

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A call today may need less pain and suffering in the future.

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Manufacturers of

High Grade Wrapping Papers and Paper Specialties

"Where The Crowds Always Shop"

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Life, Fire, Health, Accident, Auto and Indemnity Insurance. Bonds and Mortgages, City Building Loans

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Carefully Grown Carefully Selected Carefully Packed Will Give Satisfaction to the Planter

SALEM NURSERY COMPANY

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Plumbing Supplies

At Sacrifice Prices

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Formerly Patton's

"SIBLOCO"

Pipeless Furnaces

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And Up

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Our Idea: The Best Only

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Leading Funeral Directors

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Dried Fruit Packers

221 S. High St., Salem, Or.

Always in the market for

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Iron and Brass Castings

Sawmill and Logging Repairs, Hop and Fruit Stoves, Castings of all kinds

SILVERTON, OREGON

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THE CAPITAL BARGAIN HOUSE

Buys and Sells Anything

Associated with

CAPITAL JUNK COMPANY

215 Center St. Phone 398

THE BOY SCOUTS

deserve the support of everyone who wishes to inculcate high principles of manhood into the youth of our land.

This space paid for by a Salem Business concern.

TWO MILLION ACRES SHOULD BE DRAINED

(Continued from page 2.)

tier of the tile. A full kiln should settle about three inches by the time the maximum heat has been maintained for three days; it will settle another 1-2 inches in the cooling.

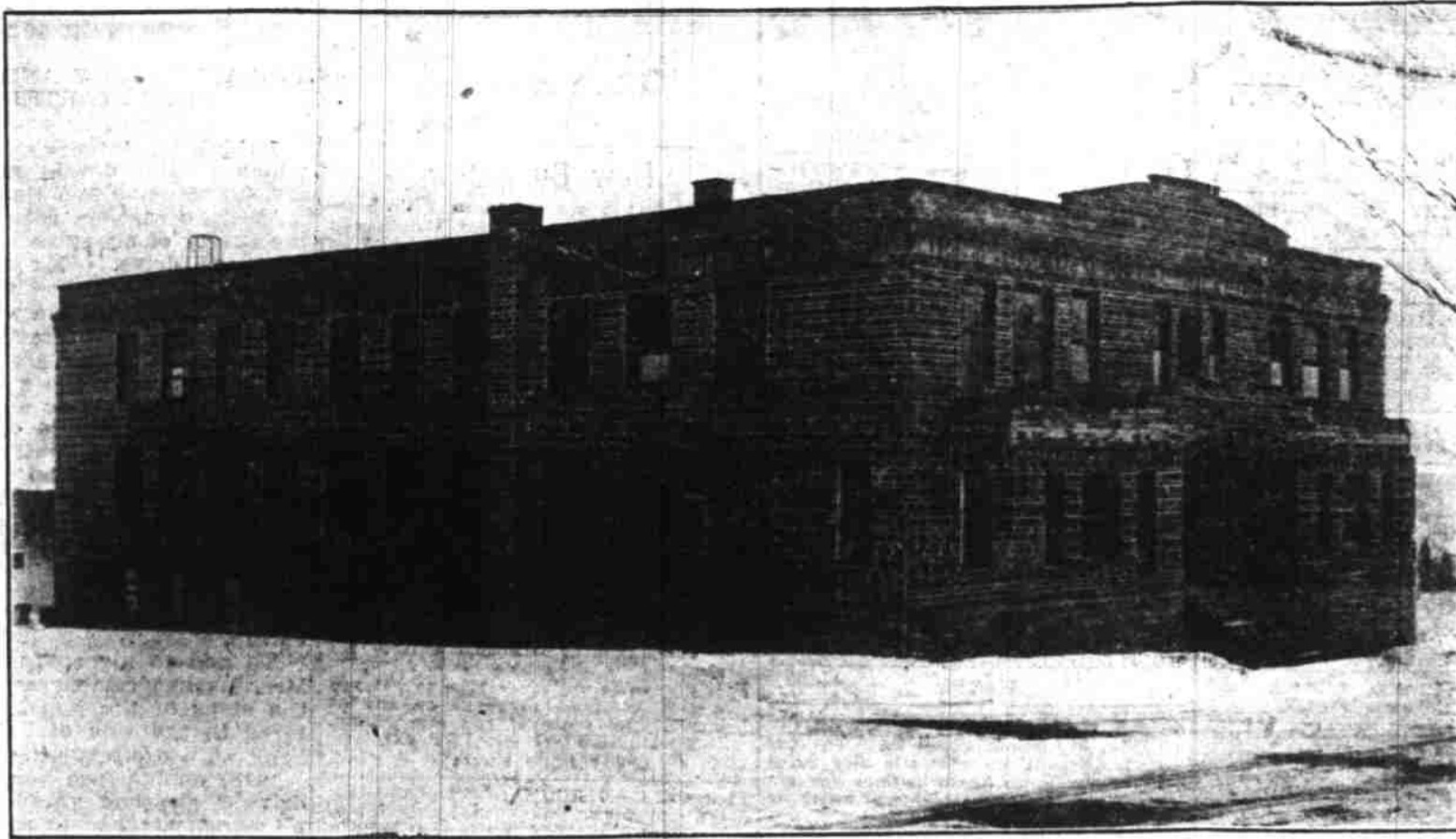
Will Last For Ages

The tile are hard burned, until they ring almost like a bell. A soft tile has neither strength nor the requisite durability. Mankind knows of no other material as resistant to the elements as burned clay. The half-baked clay tablets of the Babylonian Assyrian and Egyptian dynasties, 4000 to 5000 years ago, are today almost perfectly preserved, even though buried in the earth for the rains and all the chemical forces to work upon them. Yet industrial America wants an even better burning than that given those 40-century-old tablets; the Salem company burns its wares up to the maximum of strength and durability.

After sufficiently cooling, the kiln is opened, and the tile are ready to ship. A kiln contains 5,000 bricks; the tiling pieces, however, are of such varied sizes, that no fair estimate could be given of their number to a kiln. Some of the big building tile, however, are made with eight compartments, and are 10x12 inches in size.

For Durable Homes

While drain tile is the really great humanitarian enterprise—the reclamation of 2,000,000 acres of land that today hardly pays the cost of cultivation—the hollow building tile business is growing



Hollow Tile Academy Building, Klamath Falls, Ore.

to have the chance to get the things that he knows are best.

Some doubting Thomases of architecture have wondered whether a brick made up mostly of "holes" will be strong enough to build a lasting wall. Scientific investigation, however, proves that solidity is one of the most serious objections to a brick wall. Crushing tests show that most walls are 20 to 25 times as strong

and the added boon of dry cleanliness in a climate where dryness is one of the most important considerations.

A Score of Patients

Hollow tile may be had in a score of patterns, for almost any building need. The theory is always the same, however; the difference is mostly in the weight that it is designed to carry. A single-celled wall is ample for an interior partition; a double wall for a bungalow or one story construction; or a multiple, built up wall for a two-story big building, might be about the requirements; these are variable in scores of ways, however, according to the builder's tastes. A tile wall may be left just as it comes from the kiln, or it may be stuccoed to make a smooth wall; this gives the finest finish, and makes a wall absolutely impervious to all weather assaults.

The growth of the dairying industry in the Willamette valley has made the silo a necessary farm adjunct. It's hard for most farmers to believe that a wooden silo can be built to withstand the empty dryness of summer, and the rainy fulness of winter without leakage. Indeed, like the backwoods boy's elephant, "there ain't no such animal." Wood staves will not remain the same, from one end of the year to the other; it isn't in the books of the gods that they ever could do so.

Hollow tile silos, however, come right to the ideal. With their cellular construction, they can not freeze as readily as any single wall receptacle. Built monolithically, and mortar sealed, they are air proof, moisture proof. The silo tiles are cast on a curve, cut on the scientific angle by a skew setting of the cutting knives, and are burned in a perfect segment of a circle; they have to fit, exactly, when laid up. In the top of each block is a corrugation, making a hollow ring clear around each tier. In this a continuous steel rod reinforcement is laid and cemented in with the mortar; it gives the silo the strength of

the steel, and the rigidity and impermeability of the tile.

A tile silo costs more than a wood silo of like capacity; but it is a thing that, once built, is built forever. There are no leaks, no burns, no shrinkage, no busted or broken iron bands to affect it; it lasts like the stone wall or the stone gate post. The poet who wrote, "A thing of beauty is a joy forever," must have had a tile silo in mind while he wrote for it is a thing of both physical and live-forever utilitarian beauty.

Salem People Only

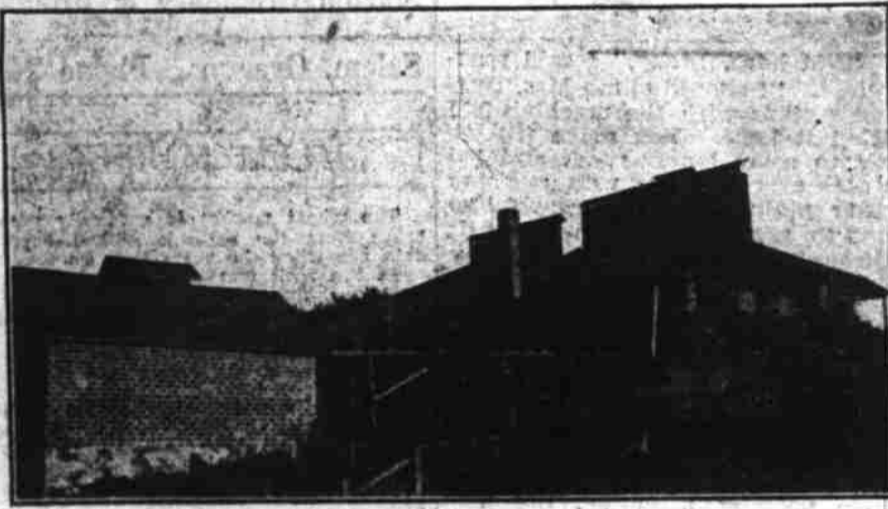
The Salem Tile & Mercantile company is a close corporation, all owned and operated by Salem people. Mr. Otto Hansen, the president, has lived here since 1884. For years he was in the planing mill business in the city, before the new corporation took over the old brick works, in 1910, and he is a large land owner in this vicinity; one of his holdings is a 120-acre orchard just over in Polk county. On this tract he has demonstrated some of his theories of drainage, to the vast betterment

of his fruit yields and his freedom from frost dangers; he knows by experience that has cost many thousands of dollars, some of the benefits of soil drainage.

William E. Wilson, secretary and treasurer of the company, was for years a traveling salesman, out from Des Moines, Iowa; he came to Salem 11 years ago, to become a part of the tile products company. His wife, Mrs. Jessie Wilson, is vice president of the company. They have devoted their time to making the enterprise a real business asset to the city, as well as a monument to an idea—that of reclaiming a vast area of fertile land that needs only drainage to make it a world's garden spot.

The company has done nothing spectacular, other than to make a success of an idea that many people have scouted here in Oregon. Some have said, fatalistically, that "if the good Lord had wanted drains here in Oregon, He'd have built them." So, too, he might have built houses, and taught books and manners and government by instinct as he teaches the rat to gnaw and the hen to scratch for her living. But that's

Hollow Tile Armory, Marshfield, Ore.



Hollow Tile Prune Dryer

into immense proportions. The land must be reclaimed to raise crops on which the state lives and prospers; but once these crops are raised, people need better homes in which to live.

House-building is largely a matter of training. The savage gets used to his tent of skins, or his igloo of snow, or his kiln of leaves or his thatched roof of palm leaves. The New Mexican believes in nothing else as he does in the adobe; the Continental European uses the gloomiest of gloomy stone; the native Oregonian has been bred to build only of wood—and it's hard to change any one to even a better, more economical, more comfortable building material. We're all Chinese ancestor-worshippers to an extent that we don't quite realize until we tot up the count against us.

But Oregon, more than most other countries, really needs to change its style of architecture. The forests are going, with appalling rapidity. Wood is more and more expensive; but not at all more overlasting. The wet winters call for a building material that will be dry, and wet-proof, that will not shrink nor swell with the changes of moisture; that will last far longer than wood; that will please both the eye and the body in appearance and comfort.

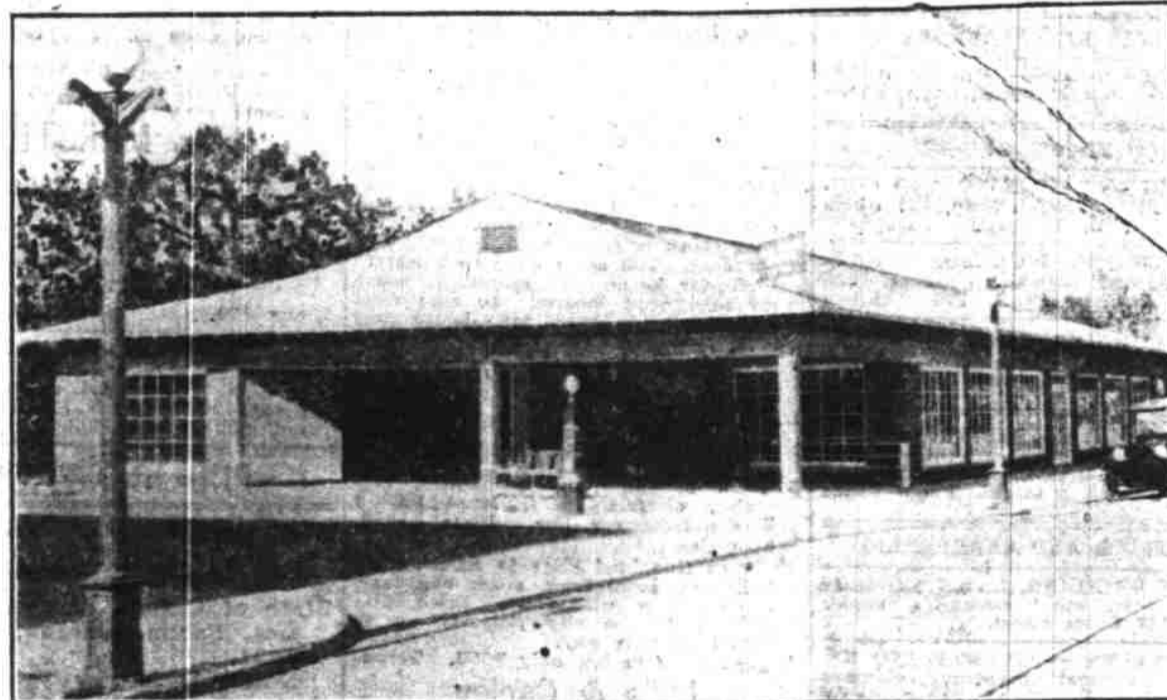
Hollow tile is the ideal successor for the old wood house. It is indestructible; it is economical; it is absolutely weatherproof, both as to damage to itself and as to the temperature of the house inside. It is fireproof; it is beautiful; and now, it is easily accessible.

Nature Has Provided

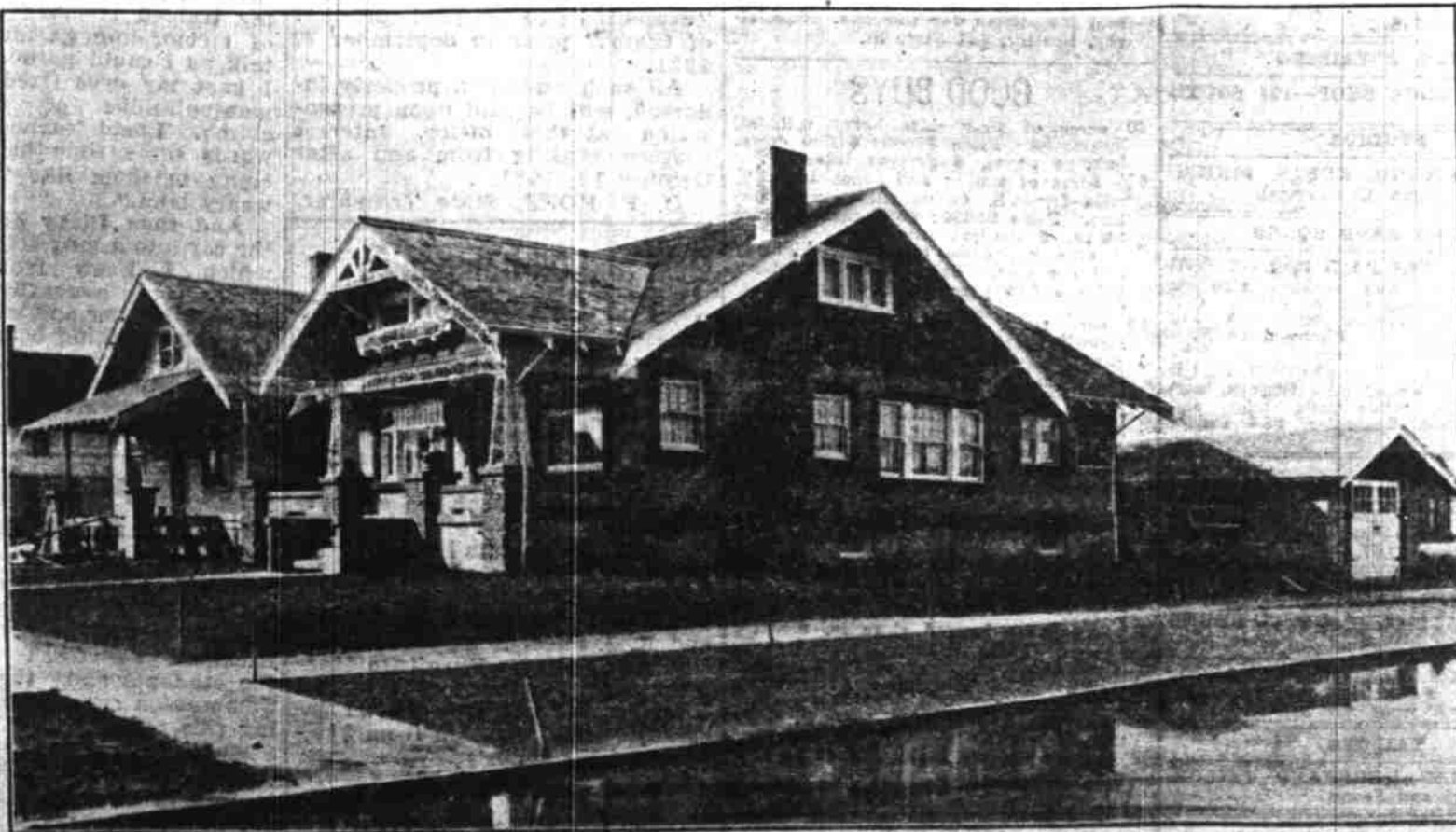
Tiling may be had for walls of any thickness; from a single partition wall of four inches up to 20 inches if laid in multiple. This will give anywhere from one to three or half a dozen separate compartments in a section of the wall. Dry air is the greatest insulator known to science. It is practically impermeable by either heat or cold; certainly so for moisture. If nature did not invent it and burn a kiln of splendid-colored clay tile at every man's gate and offer to build him a new house if he'd condescend to live in it, at least the laws of nature laid out the theory of a perfect wall insulation and put the clay here in the valley and let the Salem tile company go to it in building a factory to make the stuff for every man. That's almost as good for any normal man



Hollow Tile Dairy Houses Make Better Butter



Hollow Tile Auto Rest Station



Hollow Tile Residence, Stucco Finish, Hillsboro, Ore.