

HOMES



A California Mission Style Bungalow, constructed of Burned Clay Hollow Building Tile and covered with a Light Buff Stucco. The roof is Mission Style Burned Clay Roofing Tile

We have burned more homes in America in the last three years than have been erected in that length of time, and then we wall about the housing shortage.

In the burning of \$500,000,000 worth of property last year, the fire took along with it the lives of 15,000 persons, more than were lost in the Titanic disaster, the sinking of the Lusitania, the Eastman horror in Chicago, the San Francisco earthquake, and any dozen other world calamities that you can think of. Yet no one seems to worry about it, and we go on building our homes to burn.

The solution to this problem of annual criminal and ruinous waste is the better construction of homes. Brick and burned clay building tile furnish a solution to most of this loss and at a price that is insignificant compared to what that slightly increased cost for safe products saves.

There is a reason why 85% of the homes in America are built of combustible materials which re-

quire expensive upkeep and which quickly depreciate and decay. Certainly no person who is well informed about building materials would select such a house if he could as easily get a home that was permanent in its construction, which would be beautiful through generations, with practically no expense for upkeep, and which on the whole would be much safer and more comfortable to live in.

The reason that so many persons live in homes that are so expensive to maintain is that they do not have their own selection of materials. The vast majority buy homes that are ready built, or that are built by speculative builders or contractors from stock plans. The matter of choosing an architect, making the plans, and contracting for the erection of the house seems to be tasks that are avoided if possible. Most people take the easiest way, which is really the most expensive way in most instances when you consider values, and buy what is offered them ready built.

Most persons who are in the business of building and selling homes make cheapness of construction their first consideration. They say that people want something inexpensive, making cheapness a synonym of inexpensiveness. They do not seem to realize that they themselves are to blame for this, because by false arguments they have educated the people to believe this. Their great concern is to get the home completed and sold, with the greatest margin of profit—economy of upkeep, safety and comfort is not so much a matter of concern to them.

But it is of vital interest to the man who is going to live in the house and who has to pay the bills. His safety of investment and his satisfaction can be assured if he will see that his house is built of burned clay building materials because the properties of burned clay insure the difference between satisfaction and dissatisfaction with home ownership. The right material is worth what little

extra cost there may be at first because it will be saved many times over.

Every man faces the possibility of having some day to sell his home. He may move from the locality, or desire a larger home, or through reverses need the money. If his home has depreciated rapidly, and he can get out of it only a fraction of what it cost him, he will be slow to invest again in a home. If, on the other hand, the house is so constructed that it retains its value and allows the owner to realize on the natural appreciation of his land, then he will get from his home as much as he paid for it, and, in many cases, more. In this latter case he will be a booster for home owning.

The entire difference between comfortable occupancy of a home, low maintenance and retained values, and the exact opposite of these conditions is bound up in one word—CONSTRUCTION. A good house may be built of frame, of brick, of stone, or of concrete, or combinations of these materials.

While a good and durable home may be built of frame, this material has the handicap of having continually to be painted and repaired, because lumber, the instant it is cut from the tree, begins to decay and deteriorate. Thorough painting greatly retards this decay, but painting costs money. Of course, the wooden house is more likely to burn, with attending disaster, and on this account it costs more to insure, just as it costs more to maintain it.

The house constructed of brick or burned clay hollow building tile then, has the distinct advantage of being permanent and fire safe, and in addition insures greater comfort. It does not have to be painted, except the small amount of exposed woodwork; and it lasts practically forever. It is common in what we call the older countries to find brick homes 300, 400 and even 500 years old. There are homes in England that have been continuously occupied as such for 400 years. There are a few examples in this country of brick residences more than 100 years old.

(This is compiled from a series of articles found in the June, 1924 issue of the American Clay Magazine.)

Reimann States Business Is Not So Bad After All

While building and real estate trades are not as brisk as they were during the last few months, there is still some decided signs of activities along this line, according to Rich L. Reimann, local realtor.

During the last week Mr. Reimann has sold several properties, including a 40-acre farm near Dallas to a Mr. Gay, a recent arrival from Idaho.

Mr. Nathman, of Woodburn, has purchased a lot on Market street near Capitol and will erect a modern residence in the near future, while A. S. Campbell has acquired an adjoining lot and will also build. George A. Coddling, of the corporation commission, has purchased a lot in the Pleasant Home addition and will build.

FLAMES DESTROY MUCH PROPERTY

Total Loss Through Country Is \$506,541,000 During Last Year

A total of \$506,541,001 worth of American property went up in smoke in one year, according to the report just issued by the National Fire Protection society, with headquarters in Cleveland, O.

The report shows that 40 per cent of the fires may be attributed to inadequate and inflammable building construction, another 40 per cent to general carelessness, 10 per cent to simple ignorance and still another 10 per cent to purely accidental or "fortuitous circumstances."

According to Charles E. Worthington, member of the society, a great percentage of home fires is due entirely to architects and builders who specify inflammable material and roofing because, in some instances, it is cheaper than safer grades.

"North Americans probably are the most careless people on earth," according to Ralph P. Stoddard, executive secretary of the Common Brick Manufacturers of America, whose headquarters are in Cleveland.

"We burn our homes in far greater proportion than people of Western Europe, for instance," he said. "It is evident from almost every available table of statistics, that this is due largely to our lack of foresight in constructing homes. There are plenty of outside wall materials and roofings that will not ignite from sparks of nearby chimneys or other neighborhood fires."

Building Permits Will Show Decrease, Report

June building permits will show a decrease over those issued in June, 1923, it is estimated by Marten Poulsen, city recorder. During the last week there were seven permits issued, representing a total of only \$10,000. Three of the permits were for small dwellings to cost \$300 each.

THE GROWTH AND DEVELOPMENT OF OREGON

(Continued from page 6)

Don't weaken, but keep on hoping, and fight in regular pioneer mood. Hard luck and misfortune are hard to endure. But history has made it clear. That victory will come to all who fight. Like the Oregon pioneer.

WANTED TO STAY IN JAIL

YUMA, Ariz., June 28.—An Indian known here as "The Ace of Spades" became so attached to the county jail that when his sentence recently expired he had to be ejected forcibly. At the end of a ten-day term he indicated his intention of remaining indefinitely, and it required three deputy sheriffs to propel him through the back door.

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RADIO

By F. S. BARTON

In the July number of Radio, published in San Francisco, there is some radio verse by Mrs. F. S. Barton, entitled "Isn't It the Truth" as follows:

The first attacks of radio
Had no effect on me;
But it was well I did not know
And could not then foresee
The changes time would make. I felt
Insidious desire
My inhibitions slowly melt.
At last I got some wire,
A paper tube, a dial, a knob,
Some sliders and a bit
Of silicon—I found the job
Would tax my brains a whiff.
Then when at last the thing was done
Successfully, I swore
I'd never make another one
Nor tinker any more.
I've lived a hundred years since then
And now I celebrate
So gleefully, it shames me when
That set I contemplate.
This now the fulcrum of my schemes,
This some day shall be mine—
Concrete projection of my dreams,
A super-hydrodyne!
—C. V. Barton.

The veteran BCL finds that summer has not such a choice selection of noises to let loose upon his long-suffering ears as it had in the early days of broadcasting.

Both sending and receiving sets have been wonderfully improved since then. This is especially noticeable in the tone quality of the music. A complete range of vibrations is now transmitted so it is no longer necessary to put up with the grim, attenuated notes that were characteristic of pioneer broadcasting.

Trumbull Cheer has a good story of Boyd A. Propert. It appears that Propert asked a friend: "What kind of a radio set have you?"

"Iodyne," the friend answered. "What do you mean? Neutradyne, Ultradyne—I know the whole list but I never heard of Iodyne."

"Mean! It means I got 'burned' with the set," snapped the friend.

Dr. Alfred Goldsmith, writing on summer time reception for Broadcast Program, says: "While excellent radio reception is frequently possible during the summer months, the best long distance records come in the winter. Signals are not quite so loud in the summer, electrical disturbances are naturally more common and they interfere occasionally with concerts—particularly those received from distant points."

A reasonable attitude will help the listener here. He should remember that he can not expect every act in even the best vaudeville performance to be tremendously amusing and just what he wants, nor can he expect the weather every day to be clear and pleasant.

Similarly, he must not expect every day to be just right for long distance radio reception. Now and then a summer storm may interfere with both radio and picnics. The listener should become acquainted with his local stations and enjoy them during the summer, and be satisfied with the long distance records he has made, or will make, in the winter.

If the listener lives rather far away from all radio broadcasting stations which he wants to hear, there are several things he can do. He can lengthen his aerial wires and increase their height from the ground. Both of these measures make the signals louder as a general rule. He can add an audio frequency amplifier unless, of course, he already has this instrument. He can use a more sensitive loud speaker, or content himself with headset operation. He should also tune more carefully so as to get the very loudest signal which his set is capable of giving. And he should remember that the good results he will then get are going to be even better results in the winter.

In other words he should get the best there is in radio during all seasons, and above all, he should be reasonable.

POLICE DEPARTMENTS SET NEW RECORD

One hundred and forty-eight police and sheriff departments purchased 275 Harley-Davidson fast police motorcycles during the month of May, 1924, according to latest figures just received by Harry W. Scott, the local Harley-Davidson dealer, from the factory at Milwaukee.

This establishes a new record for the number of departments purchasing any one make of machine, and indicates the rapid spread in the use of motorcycles in law enforcement work. Both large and small police and sheriff departments are making use of this swift method of patrol and pursuit, as indicated by the wide range of departments purchasing machines.

The New Jersey state police purchased 37 of this make. It is interesting to note that the cost of operating the New Jersey state police motorcycles is only \$.0106 per mile, including everything.

Among the buyers of smaller numbers is Edmonton, Alta, Can., that purchased one motorcycle. Of the different states, New York ranks first, having equipped 24 different departments during the month of May, while Utah equipped but one department. With the building of hard roads police and sheriff departments have found the motorcycle is the most effective means of combating motoring law-breakers.

To date the Harley-Davidson Motor company has equipped over 1600 police and sheriff departments.

SCIENCE SEEKS BIRTH-PLACE OF MAN IN MONGOLIAN DESERT

Andrews Again Heads Party Hoping to Find Traces of Man a Million and a Half Years Old

Having established to their own satisfaction that man existed 600,000 years ago, scientists will now attempt to trace his origin back another million years.

Led by Roy Chapman Andrews who returned from Asia a year ago with a nest of 26 dinosaur eggs ten million years old, another expedition sailed from the United States May 25th for China. Thence the party will proceed into the heart of the Gobi desert, in Mongolia, where it is hoped a five-year search will reveal further amazing secrets concerning the early life of man, beast and reptile.

As in the previous expedition, the scientists will rely on American-built motor cars and trucks for transportation, although roads are unknown in most of the vast territory to be explored. Mr. Andrews recently visited Dodge Brothers factory in Detroit, where five cars were being equipped for the expedition. Mr. Andrews expressed great satisfaction with the new equipment and repeated that he attributed a great share of the success of his last memorable expedition to the remarkable endurance of Dodge Brothers cars. These made it possible to accomplish a 30-year task in three years. In view of this experience it was only natural that he should again insist upon Dodge Brothers cars for his next expedition.

Fifteen scientists representing 12 branches of learning, chosen from 4000 applicants, constitute the party. While scientists differ on the subject, especially since the discovery of the 600,000-year-old Foxhill man in England, Mr. Andrews is of the belief that man evolved in Asia and that it will be in the younger rocks of Mongolia, if anywhere, that traces of his first activities will be found. He is strongly supported in this theory by such an eminent scientist as Henry Fairfield Osborn who was referred to by William Jennings Bryan, in their famous debate on evolution, as "a tall professor who comes down out of the trees to push good people who believe in God off the sidewalk."

"When we found the ten-million-year-old dinosaur eggs, we were examining rocks older than humanity," said Mr. Andrews. "But now we are going to the rocks where human remains are more likely to exist. It is a gamble, but we think the prospects justify gambling."



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In their quest the scientists will push farther west than they have ever gone before, working both to the north and the south of the Altai mountains. As the beginning of exploration will be made about 1000 miles from the nearest base, Kalgan, it will be necessary to organize with especial care. Arrangements have been made for 200 camels to carry provisions ahead of the motor trucks.

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