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THE HOME BUILDERS PAGE

The Proper Construction of Chimneys

Arthur C. Clausen, Architect.

ABOUT the first thing that causes trouble and annoyance when one moves into their new home is the chimney. While it would seem as though the average mason through much previous experience ought to be able to build a chimney that would draw well, such does not appear to be the case. The chimney is one of the most important details of the home; still it is seldom given the slightest thought by the home builder, who usually trusts to the knowledge of his mason for satisfactory results. There are a few right ways and many, many ways in which to build chimneys; also, a chimney built to meet the requirements in one instance would sometimes not meet them in another instance, owing to the surrounding conditions being different.



MR. CLAUSEN'S BOOK

"The Art, Science and Sentiment of Homebuilding."

30 chapters, 300 illustrations. It covers a wide range of subjects, including the planning of bungalows, suburban and city homes, costing from \$2,000 to \$20,000, letting contracts, choosing materials, proper design of entrance, windows, fireplaces, etc. New third edition. Price, postpaid, \$1.00.

Address, Arthur C. Clausen, Architect, 1128-27-28 Lumber Exchange, Minneapolis, Minnesota.

stove or heating plant, with the result that little difference has been found in the efficiency of a round chimney flue lining and a square one in domestic use. Some builders claim that a flue built too large is worse than one built too small. This might be true if carried to an undue extreme, but it is safe to say that there are very few examples in existence of a flue being too large to demonstrate the truth of such a theory. The great trouble is in getting them too small. A flue for an ordinary cooking stove should not be less than eight inches in diameter. One flue accommodating two stoves should be at least eight inches by twelve inches in diameter. Heating plant flues should not be less than twelve inches by twelve inches. The sectional area of the fireplace flue should be one-tenth of the area of the fireplace opening; for example, if the fireplace opening is four feet wide and two and one-half feet high, the sectional area of the opening would be ten square feet. One-tenth of this makes the flue twelve inches square.

Theoretically, all flue lining should be round, on the principle that smoke curls, and they are invariably made cylindrical for power plants, but there is a great difference between a power plant under forced draught and the ordinary cooking

which to remove the soot when the chimney is being cleaned.

Chimney flues should be as straight as possible from the point where smoke enters it to the top. When necessary to curve the flue, which is sometimes required in carrying a flue from the basement past the side of a fireplace, the bend should be a long and easy one, and in no case should an abrupt turn with a sharp angle be made in any flue.

Drinking Cups.

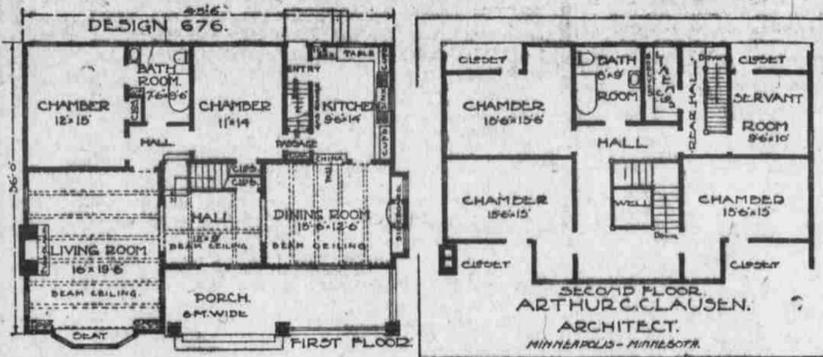
The public drinking cup will be outlawed in Chicago on August 6, as it will be in New York on October 1, the aldermen of the Windy City having passed an ordinance giving it only ninety days of grace—or disgrace. The Chicago Tribune thinks that the new regulation, which it calls the "death cup" ordinance, will be far-reaching in its effects, and adds that "legal decisions on what constitutes a public drinking cup or glass are likely to be sought when enforcement begins. Dr. F. O. Tenney, bacteriologist of the health department, in testifying before the council health committee, said a glass should be rinsed in hot water before a second usage. Although this is not in the ordinance, it may constitute a guiding post for prosecutions in many instances.

A Break in Harmony.

"Mother" said little Willie, who had been whipped for story-telling, "were you always good when you were a little girl?" "Yes, always," answered his mother. "And didn't you ever tell stories?" "No, never." "Did father ever tell them, then?" he asked, after a pause. "Certainly not," she replied. "No, grandma?" "No." "Nor granddad?" "No, of course not." While a brow contracted for a moment, then he gave a sigh. "Well, what I can't make out" he observed gravely, "is where I got it from!"—London Answers.

The Same Old Story.

Jack Spratt bought an auto. His wife is getting lean. For 'twixt them both it is the same old story. To buy the gasoline.—Judge.



Building Notes of the Week

Wonderful creations in spring summer decorations have been made in many Omaha homes this season by the department of interior decorating of the Miller, Stewart & Beaton Co. stores.

R. E. Long, plumber, is of the opinion that sanitary plumbing has reached the highest stage that has ever been recorded. He thinks that the work now being done is very fine.

Home builders who are particular about the lights for their houses have been gathering some interesting facts from the Burgess-Granden company.

For those people who do not own their own homes the Omaha Loan and Building association has prepared plans and facts on how homes may be built without any great sacrifice.

Hot weather of the last week served as an impetus to the awning trade, according to the statements of the Omaha Tent and Awning company. This company reports a large business for the week.

Expanded metal, sold by the Expanded Metal company of Chicago, is said to be having a wide sale in Nebraska, Iowa and other western states this month.

Pianos may be stored in a special piano room of the Omaha Van and Storage company's fireproof building this summer without fear that they will be damaged in

the least, according to statements of this big firm.

The beautiful home of Mr. John Latenser on Poppleton avenue is being painted and decorated. L. C. Sanford is doing the work and Barker Bros. Paint company are furnishing the material.

The new Wellington Hotel building on Farnam street is ready for the painters and decorators. Durable wood finish interior, Barker Bros. Paint company's very best varnish will be used throughout the building.

The following people were supplied with fence by the Anchor Fence company during the last week: M. Bursak, 2908 South Sixteenth street; M. C. Seger, 2907 South Sixteenth street; James Peterson, 2912 South Sixteenth street; J. P. Hanson, 2915 South Sixteenth street; Mrs. S. Lehman, 2906 South Thirty-second avenue; H. G. Fenner, South Omaha; Mrs. U. G. Bell, 928 North Twenty-seventh avenue.

C. R. Heflin reports that a large number of out-of-town people are sending their keys in to be duplicated.

C. H. King, 3308 Woolworth avenue, has greatly improved the grounds surrounding his residence with a number of beautiful cement stone flower vases furnished by the Ideal Cement Stone company. This company is doing an immense business at this time of year. They have also sup-

plied flower vases for the grounds in front of the greenhouses of Lewis Henderson at South Omaha.

A retaining wall in front of five houses on Charles street, between Fourth and Forty-second, has been erected by the above company, and also foundations for the following buildings: Axel Fors, Thirty-fifth avenue and Martha street; A. J. Smith, Twenty-second and Grand avenue, and a cement stone building for a cleaning room at Twenty-fourth and Lake for the Royal French Cleaners.

The F. H. Turney company have received many orders for their American weather strip during the last week. The dusty days convinced many that their homes needed protection from the dirt that the winds will blow about this summer.

Burd F. Miller, recently appointed state architect, has worked out a design on the Martin flats at Twenty-sixth and Cass streets that is very different from the usual plan. The street elevations are unique in that the architect has made use of three different colors of face brick; from the ground to water table a very dark rough face vitrified brick, and above the water table the field is of rich chocolate brown on the tapestry order. The front wall is ornamented with buff brick laid up in symmetrical design. A special arrangement for light and ventilation has been worked out. The face brick for this building was furnished by Sunderland Bros.

Acorn Gas Stoves

If Acorn Gas Stoves were not different, people would not come clear across town to buy them from us. It's this difference that makes durability and gas saving. We claim that in no other stove will you find the Acorn patent pressure controlling gas saver. It's worth your while to investigate this claim. Prices—\$17.50 to \$30.00 connected. We are sole agents for Sanitary ALASKA REFRIGERATORS The refrigerators without an odor. Either zinc or white enamel—\$8.50 to \$36.00. **John Hussie Hdw. Co.** 2407-09 Cuming St. "If you buy it of Hussie it's right."

C. R. Heflin Co.

1516 Douglas, Upstairs. We duplicate All Kinds of Keys. Trunk keys and door keys fitted at your home. **Keep the Dust Out This Summer** With the American Weather Strip. It's Dust Proof, but will fit your windows so they will run with ease. F. H. Turney & Co. OMAHA, NEB. 305 So. 13th St. Phone Doug. 993. Tel. Douglas 2974.

Anchor Fence Company

207 N. 17th St., Omaha Telephone Red-814 Time and Place to Buy Fencing

OMAHA TENT & AWNING COMPANY

1102 Harney Street, Omaha. Awnings, Porch Curtains, Couch Hammocks, Imported Bamboo Porch Shades. PHONE FOR ESTIMATES Douglas 882—Ind. A-1883.

MONEY TO LOAN

For building purposes. Funds advanced to pay contractors as building progresses. Partial payments will be accepted on interest dates. Interest payable semi-annually. **W. H. THOMAS** 503 First National Bank Bldg. Both Phones, Douglas 1648; Ind. A-1648.

Summer Freshness In Every Home

To make your home a cool, inviting place for this summer and secure at the same time a distinctive atmosphere it is necessary to have your decorating plans placed in the hands of experts. We call attention to our department of interior decorating that you may know what here may be done to create a new cheer in your home. Our wall papers, curtains, upholsteries, draperies, etc., have been selected from the most artistic productions of the leading designers of Europe and America. All our designs have been chosen with careful thought and expert discrimination. Experts of this department will draw up plans, give helpful suggestions and make for you a home that will be attractive, cool, refreshing and cheery. We invite you to come here, compare our prices and judge for yourself the beauty of our decorations and the wisdom of letting our men do your work. **Miller, Stewart & Beaton Co.** THE TAG-POLICY HOUSE Established 1884. 413-15-17 South Sixteenth Street.

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4004 North Twenty-fourth Street. When we do your work you are not constantly discovering leaks. A trial is what we should have from you. Estimates on work gladly furnished. Phone Webster 45.

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WHEN YOU SPEND MONEY YOU WANT RESULTS THAT SATISFY. Gives You What You Want. We make anything that can be made with cement. Bring your plans and let us figure with you. Main Office and Yard, 17th and Cuming, Factory and Yard 51st and Spanning. OUR FLOWER VASES ARE EXTREMELY POPULAR.

Burgess-Granden Company

1511 Howard Street. Gas Company is next door to us. Special Sale on Combination Gas and Electric Fixtures DURING THE MONTH OF MAY. Order Now. Will Deliver When House is Ready.

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1600 1/2 Farnam St. Doug. 4750; Ind. A-3821. We Carry the Most Complete Line of Stains in Omaha and Our Prices are the Lowest. Preservative Shingle Stain for roofs, per gallon 50¢ to 95¢. Hand Craft Stains for hard wood finishes in all size packages. Wood Craft Stains for beautiful Mission effects. Oil Stains for pine and other soft woods. Varnish Stains for floors, interior woodwork, refinishing chairs, furniture, desks and picture frames. Goods delivered free to any part of the city.

Omaha Loan & Building Association

G. W. LOOMIS, President. W. R. ADAIR, Sec'y-Treas. J. T. HELGREN, Ass't Secretary. Northwest Corner 15th and Dodge Streets. Assets, \$4,125,000. Reserve, \$110,000. The Greatest Desire... of every woman is to have a home she can say is her own. Not only the wife but the children will scrimp and save as much as possible when they know the money thus saved is going into their home. We have the plan whereby the efforts of yourself and family may be concentrated on the one point. OWNING YOUR HOME. Call at our office and we will convince you that our plan is successful.

For Small Houses---USE BRICK!

The sensible, conservative, economical plan is to build of brick, no matter how small the house. It is equally sensible, conservative and economical to select from the kinds we offer. You are wrong—dead wrong—if you think you can't afford to build of brick. Again you are wrong if you think we don't know. Facts and figures alone are to be considered. Let us give you the facts and figures. Ask for our booklet, "The Cost of a House." Call and see our display. **SUNDERLAND, 1614 Harney**