

High Jinks by Iowa Engineer Students on St. Patrick's Day



This shows how the engineering students of the University of Iowa celebrated St. Patrick's day here Friday, March 17, and exemplified the adage that they have concocted which says that St. Patrick was

an engineer. Starting with a parade shortly after noon Friday, the celebration did not end until the conclusion of a vaudeville show at the school Friday evening. Ad- the building was packed to its utmost by mission was free to the entire affair and

the students of other departments, who were eager to get a glimpse of the Iowa engineers' second annual St. Patrick's day show. The imposing ceremony of the day was the dubbing of all men who have spent

four years in the engineering college as Knights of St. Patrick, making them like the harp, stone, and then presenting them with diplomas significant of the honor.

Roof Construction Important

(Continued from Page Two.)

new greater. While shingle roofs are sometimes built with as low a pitch as a four-inch rise to one foot run, such a roof would only last a few years. In fact, not as long as many makes of composition roofing in the same location. What is known as a thirty degree roof, or a seven inch rise to the foot is the lowest that should be used for practical purposes. The most common pitch for a roof is what is known as the third pitch or eight inch rise to the foot, and the forty-five degree pitch or twelve inch rise to the foot.

Care should be taken in the construction of all roofs that there are no pockets for water and ice to gather in for such a condition invariably results in a bad leak in time. Chimneys should always have what is known as a saddle behind them, when located on the slant of the roof, to shed the water to either side, instead of letting the water strike the back of the chimney, where it connects with the roof, and work its way gradually around.

Slate shingles make a very good roof, provided that the pitch or slant of the roof is steep, not less than thirty-three degrees, or in other words, steep enough for the snow to slide off, and not lay on the roof and melt and then freeze into ice, for slate, which absorbs some moisture, the same as all materials, will not stand much freezing. It is in fact of this precaution when planning the pitch of slate roofs, that results in a number of slate shingles, and some of them coming off entirely each spring. A slate roof offers the advantage of being fire proof and looks well on a frame house and a tile roof on the other hand is a heavy in appearance for a frame house and only looks well on a home of masonry construction. There is an asbestos cement shingle, a very hard material, which withstands the moisture, and is perfectly fire proof. This can be stained, and looks very well, giving somewhat the same flat appearance as a slate roof, and is a very desirable material. It is in fact of this precaution when planning the pitch of slate roofs, that results in a number of slate shingles, and some of them coming off entirely each spring. A slate roof offers the advantage of being fire proof and looks well on a frame house and a tile roof on the other hand is a heavy in appearance for a frame house and only looks well on a home of masonry construction. There is an asbestos cement shingle, a very hard material, which withstands the moisture, and is perfectly fire proof. This can be stained, and looks very well, giving somewhat the same flat appearance as a slate roof, and is a very desirable material.

The tile is made of baked clay, something of the same texture as very hard face brick, or terra cotta, and like all other baked clay products, withstand the varying conditions of climate better than any other material known. The tile roof is a very expensive proposition, however, not only for the material itself, but in constructing the roof to receive it. A roof of short span which would only require 2x4, or 2x6 roof rafters for a shingle roof, would require at least 2x8 roof rafters for a slate or tile roof.

It is a good plan to use as much care in the construction of the roof to keep out the weather as is used in the outside walls. If the outside walls are back plastered, or back papered, the same should be done to the roof. A great deal of cold comes down through the roof, the tendency being increased by the fact that cold air always falls. A few precautions taken in the construction of the roof, to keep the warm air from escaping, and the cold air from entering, will soon be offset in the additional cost by a saving in heat and fuel, as well as adding to the comfort of those living beneath the roof, which is the essential point to be considered.

The paper does not make a good permanent paper for use in any part of the house. It is a first class paper as long as it lasts, but the tar in time evaporates, and the paper rots, at the same time shrinking to a considerable extent, so much that the overlapping is sometimes taken up, leaving exposed places between the sheets. These facts seldom become evident until a house is torn down, or partially altered a few years after construction. Since the paper used on the outside walls or roof of a house is really a small item of expense, compared to the total cost, it is a good investment to buy the very best building paper obtainable in the town where the home is being built using at least two thicknesses of it. A good strong paper that cannot be easily torn by the wind when being put on, is preferable to weaker grades. When the paper becomes torn in the hands of a carpenter, it seldom occurs to him that it would be best to waste the torn part, and put on a new piece, torn paper meaning cracks for the weather to get through. All this work in connection with the roof should be of the very best grade, painted at least two coats of rust proof paint.

TIMELY REAL ESTATE GOSSIP

Harrison Tells of the National Meet at Louisville.

INVITES COMMITTEE TO OMAHA

Louisville Men Accept and Say They Will Stop Here on the Way to Denver This Summer.

"The statement that one must go away from home to find out the news is probably true," said C. F. Harrison in making his report of the recent meeting of the executive committee of the National Real Estate Association in Louisville, Ky.

"It is also true I think, that one can get the best opinion of his own city by visiting other cities. I never visit other cities but that I come home with a better opinion of Omaha.

"Omaha is unique in many ways and yet in the race of cities it has not entirely made good. If I should make a criticism upon Omaha as a city I would say that it lacked the co-ordinating element that seems to be strongly developed in the progressive cities of the country.

"The south is noted for its hospitality and we had opportunity to test it. Upon arriving at Louisville we were met by a delegation of real estate men who whisked us away in an auto to the Sealbach hotel, which is almost new, costing \$1,000,000 and over.

"The committee spent the entire day in going over the business of the organization which included preparation for the Denver convention and confirmation of the appointment of committees and other things which had been done by the president since the last meeting.

"The important items passed upon at Louisville were the appointment of committees for the various purposes of the organization and the election of a vice president in the place of Joseph P. Day of New York, who resigned. Among the Omaha men who are members of the committees are C. C. George, F. D. Wood and myself. Mr. Craven of Philadelphia was elected vice president to take the place of Joseph P. Day, resigned.

"After the business session a banquet was tendered by the Louisville exchange in the Sealbach hotel. At this session, the secretary read a night telegram from Omaha, inviting the members of the national committee and the Louisville exchange to be the guests of the Omaha exchange when en route to Denver next summer. This invitation was accepted and referred to the committee on transportation having the matter in charge.

"Among the things which seem to me to be all important and a reason for building up and maintaining the national organization are the standardization of laws governing real estate and the conveyance of real estate, and the standardization of values of real estate and the standardization of methods and ethics of real estate men. It is an attempt to put the real estate business on a higher plane and give it greater efficiency, both of which will be helpful, not only to the real estate men themselves, but to the community which they serve.

"The men in charge now are doing more or less pioneering, but it is in the hope that it may be of real value to those who will carry on the organization in the future."

Real estate men declare that the United States Steel corporation is one of two big concerns looking for a new site in the new jobbing district from Fourteenth and Jackson streets east to Eleventh street, where the Union Pacific has bought for a new freight terminal.

It has been rumored, with considerable basis of fact, that Omaha was one of the cities decided upon by the steel corporation for one of its new warehouses. Until now little definite has been heard along this line. It is declared that the corporation will want fully a half block. Other of its warehouses are established now at Denver, Seattle, Minneapolis and New Orleans. Though there are many available sites, one is said to be just west of the Lange hotel.

The Union Pacific, which recently bought the Greene horsehoeing and the Steinberg blacksmith shop properties on Fourteenth between the alley and Jones for \$25,000, has begun to build toward the new district, starting from its lower tracks a spur at Thirteenth street at the lumber yard. It proposes to go up Fourteenth street to the alley and then turn in the alley.

Henry & Allen have bought a site for an implement warehouse in that district and other projects are under process. It is

believed the alley will be widened to admit double tracks.

At next Wednesday's meeting of the Real Estate exchange memorial service will be held in commemoration of George M. Nattinger, in life a prominent member of the exchange. A committee at this time will present a memorial resolution.

T. H. Tipples has purchased from the La Shelle Land company a residence on Twenty-fifth street between Hickory and Woolworth for \$4,150.

New Incineration Company to Locate Its Plant in Omaha

Firm to Move Here from Oklahoma City and Expects a Big Business.

Joseph Conley, president of the Conley Incinerator and Manufacturing company, formerly of Oklahoma City, is in Omaha to complete his plans for engaging in business here. In speaking of his reasons for coming to Omaha, Mr. Conley said:

"I am attracted to Omaha by its favorable central location and excellent manufacturing and railroad facilities. We are organizing under the laws of Nebraska with a capital stock of \$200,000 paid up. We expect to do a yearly business of about that volume. All of our goods will be made right here, through the plant of the Omaha Structural Steel works at Forty-eighth and Leavenworth streets. This will mean the employment of about seventy-five men for this department. Seventy-five of our portable incinerators are now in use by the United States army, and we are in correspondence with many foreign governments. We have seventeen outfits in Honolulu and five in the Philippines.

The officers of the reorganized company are Joseph Conley, president and chief engineer; A. C. Pratt, vice president; I. J. Dunn, secretary; Ed. W. Bexten, treasurer, and Leo Grote, manager. Offices will be maintained at Fifteenth and Hurt streets.

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DALTON, Ga., March 25.—Following a night of sleeplessness resulting from the hilarious behavior of one of their mates, prisoners confined in the local jail today organized a court. The offending one was arraigned with all ceremony, then tried and convicted of intoxication and disorderly conduct. He was fined 25 cents and sentenced to the whipping post, where he was forced to strip his back to twenty-five lashes.

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