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This issue is a memorial and final tribute to a man who has done much to advance the Institute in every way possible; who has brought renown to it by virtue of his personal qualifications, and whose passing is mourned by all: Dr. Alfred Edward Phillips.

A Word to the Wise

The address to the graduating class of Armour Institute of Technology, delivered last June by Mr. Bernard E. Sunny, was in our opinion, a model of balance between encouragement and warning. Its title, "We're Off to Our Klondike", was very appropriate as the theme throughout the entire speech dealt with the similarity between the everyday life of a young college graduate and that of the "sourdough" prospector.

The following paragraph quoted from Mr. Sunny's address will serve to illustrate the above statements.

"It is a great venture, full of excitement and rich in expectation! It is a long hard trip through cold and wet, with scant shelter, in an unknown country where dangers in every form beset the traveler; but, we are young and strong, and are outfitted with every device and trapping, and rough food enough to carry us to our goal. We may not go as a class, or even in groups, with the cheer and courage that numbers give;—destiny ordains that each man must go by himself! So we are off to our Klondike."

Throughout the entire address, Mr. Sunny played skillfully on the minds of his hearers in order to present his case in all accuracy. He kept always in proximity the two opposing statements—"it is a great venture" and "it is a long hard trip." Neither one of these cryptic descriptions of life was self-sufficient. Each was only a half truth. Each needed the other in order to tell the whole story. In this manner, by balancing the one against the other, he encouraged the graduates to whom he was speaking without giving them false impressions that the road to success is an easy one to travel.

On the question of the individual graduate's attitude toward the world in general, Mr. Sunny strongly advocated the median between aggressive egotism and modest reservedness. The man who is constantly burdening his neighbors with accounts of his marvelous ability is considered foolish, while the one who keeps his qualifications hidden from view is an unknown quantity and is looked upon as stupid. Yet, of the two, Mr. Sunny chose the egotist in preference to the man of retiring character. Undoubtedly, the boasting, blustering type of person is annoying and makes an unpleasant companion, but at least he has a chance of being a success. The extremely modest man, on the other hand, lacks the self-confidence that is such necessary equipment for the "long hard trip" of life.

"The Slipstick"

Cleave to "The Slipstick"; let
the Slapstick fly where it may.

HE SHOULD VENGEANCE WRIQUE

There once was a man not unique
Who imagined himself quite a shique;
But the girls didn't fall
For the fellow at all,
'Cause he made only twenty a wique.

DESERVES ONE

Old Slow Poke; "Mister Jackson, er—that is, I would like to, er—that is, I mean I have been going with your daughter for five years,—"
Old Man; "Well, whadda you want—a pension?"

OUR OWN WEATHER REPORT

Tuesday generally fair, probably followed by Wednesday.

Applications of Trig

You see, Lancelot, it was this way. I sez to her, I sez, "Say, honey, what is the quickest way to get a book out of the library?" Then quick as a flash she turns around to me an' she sez to me, sez she, "Multiply the area of the base by the altitude and you will get the volume immediately."

AND THEN THERE'S THE BUSINESS-LIKE, EFFICIENT, FRESHMAN FIRE PROTECT WHO MADE THE SUGGESTION THAT WHEN THE GLASS IN THE FIRE ALARM SIGNALS IS BROKEN IT BE REPLACED WITH THE NEW SHATTER-PROOF GLASS.

We were reading a book on columning t'other night when we came across a section where Don Marquis tells how he prepares his columns. He says that he writes the six columns for the current week on Monday afternoon, beginning promptly at 2 o'clock and finishes in an almost dead faint at 3 o'clock, "falling on the Oriental rug in the center of our study, where we lie and moan for hours." The rest of the week he is too weak from the extreme concentration and must rest quietly until the following Monday at 2 o'clock.

Now the composing-room foreman comes out and says that the six columns stuff is all the bunk. He says that Don writes a half column every day between 4 and 5 o'clock "when it's nearly too late to get it into type at all, and then brings it in here and asks us for goodness sake to stretch it into a column somehow!"

Bum Shot

"You aim to please, do you?" remarked the irate customer.
"Sure."
"Well, you ought to take some time off for target practice."
—Yeh.

We understand that a scientist has invented an earthquake recorder that goes on like an alarm clock. Personally we think that there is more need for an alarm clock that goes off like an earthquake.

ATTENTION REFRIGERATOR MANUFACTURERS:

—If a particle of matter be separated from all other matter, it will lose all energy and reduce to a temperature of absolute zero.—From a radio lecture.

HE COULDN'T HELP IT

A very small lad stood in line at the library awaiting his turn to return the book which he held in his hands. It was a large, dirty and well worn, decrepit volume. When his turn finally came the librarian took the book, and, after examining it addressed him, saying:

"This book is quite technical, isn't it?"
Almost on the verge of crying, but trying to be brave, he replied:
"Y-Y-Yes ma'm, but please, ma'm, that's the way I got it, honest."
—Bloney.

He only swiped a few bananas but the judge put him in jail for two years for impersonating an officer.

NECESSARY INFORMATION

"So you wish to marry my daughter?"
"Very much, sir."
"And can you support a family?"
After a moment of hesitation the young man replied, "Perhaps, sir. How many are there of you?"

A half hour ago we felt like writing a good last line, but now we feel like going to the game at Sox Park, so you'll pardon us. But we'll see you at the Freshman Informal and make amends at that time.
—The Bongineer.

In closing his address, Mr. Sunny pointed out that even more important than the financial rewards that accompany success is the good opinion of fellow men. It was a fitting thought with which to terminate a speech of such inspirational character.

It is our belief that a commencement address of the kind and quality of this one, is of real value to a graduating class. We hope that those to be delivered at Armour in the future will reach the same high standard.
W. H. R.

Sundstrom Talks At Civil Meeting

A new experiment in road building was explained at the W. S. E. meeting last Thursday, April 16, in B-Mission. Paul E. Sundstrom, a representative of the Poston-Springfield Brick Company, gave an illustrated lecture on the subject. Prior to the main topic motion pictures on the manufacture of the various types of brick were shown.

Although concrete roads are used extensively throughout the world, engineers find that it is not an ideal constituent for the use. The expansion and contraction of concrete due to adverse weather conditions has played havoc with these roads necessitating costly repairs. Research work in road building has produced the "metal base" road. Whereas the present road employs concrete as a base, this uses corrugated metallic plates.

These plates are treated with a protective coating of chemicals to eliminate the corrosion factor due to contact with the earth. After the road is graded, the plates are laid and spot welded. A layer of bituminous mastic sand is placed over them and it is rolled and smoothed. Paving bricks are laid on this and then are rolled to level and seat them. The joints between the bricks are filled with an asphalt filler and a layer of sand is spread over the surface to complete the road.

The maintenance cost of modern concrete roads is tremendous, and this new development professes to eliminate most of this giving a sturdier and more flexible road at the same initial cost.

An experimental "metal base" road has been constructed in Sangamon County, Illinois, to study its feasibility for present usage, and the results, so far, are promising.

Three Delegates Go To League Council

Acting upon the suggestion of Dr. Scherger, three delegates from Armour joined the League of Nations Model Council at their meeting in the City Club of Chicago Thursday at 9:00 P. M.

This Model Council is sponsored by the League of Nations Association and is being organized by delegates from the leading Chicago colleges to form a permanent means of representing the Council of the League of Nations in action. The project is not an attempt at forcing the views of the League upon unwilling ears, but rather is a means of showing just what the League is doing. Those who realize the necessity for some step toward insuring international peace may judge for themselves whether the League is that step or not.

When the Model Council finds its stride the public will be welcomed to a gallery at the meetings in order that they may be made cognizant with the work of both the model and the original. The immediate aim of the organization is participation in the Model Assembly that will occur at the University of Chicago in May.

The plan followed is to allot to each college in the council a country whose viewpoint it must represent during the discussions of international affairs brought up at the meetings. To defend the attitude of France in all matters relating to the League investigations and problems will be the lot of V. Rimsha, '34, N. Krause, '34, and H. L. Gibson, '34, the delegates chosen from Armour.

At the University of Wisconsin students are required to carry identification cards to prove that they are entitled to attend classes. It was found that many outsiders were coming to class and acquiring free education.

ARX NEWS

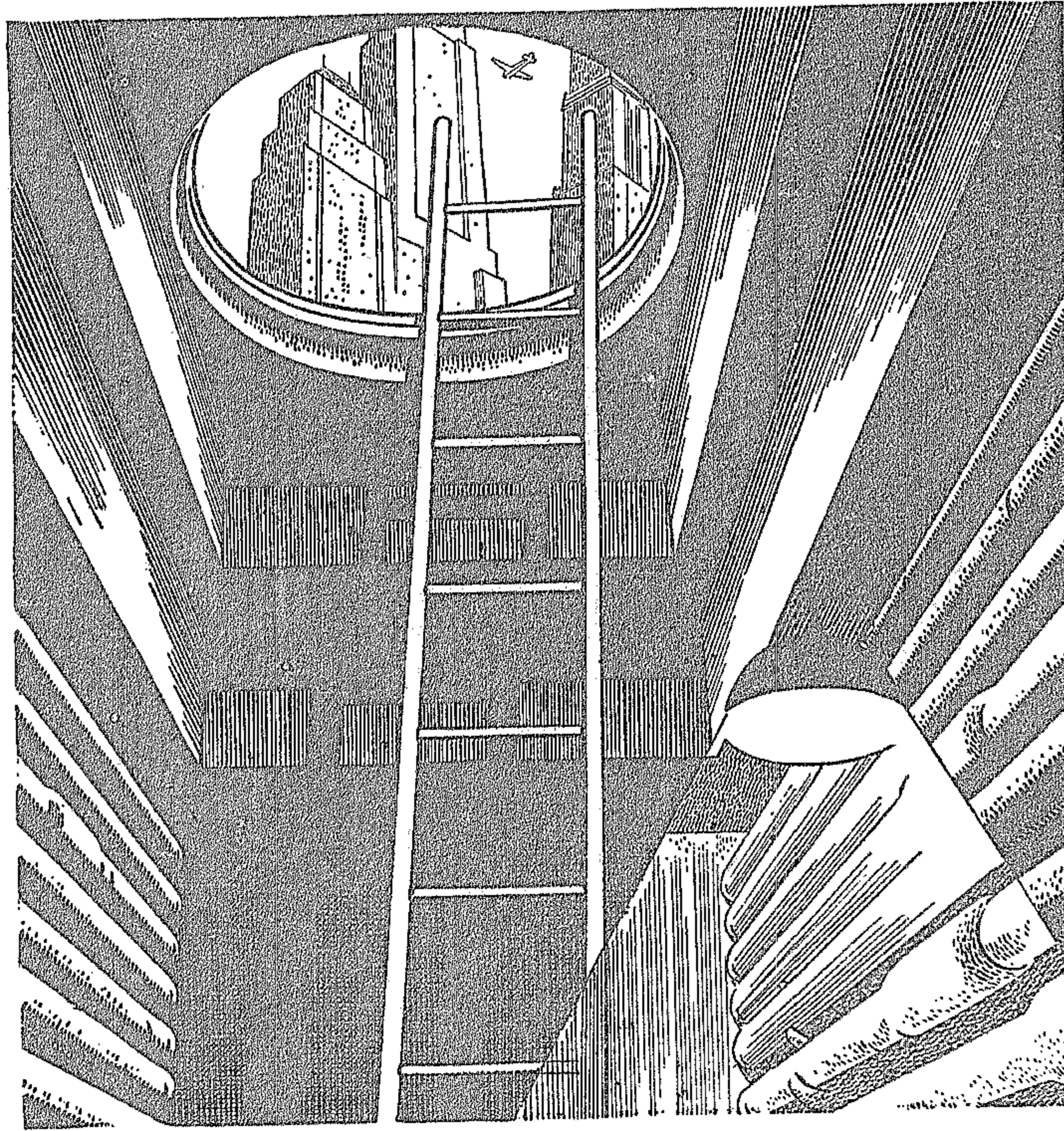
The juniors and sophomores finished another project Wednesday, and consequently the fever of excitement has now worn off and quiet reigns supreme. Up to the present time of writing the results of the judgment, locally, are unknown. The problem was a Marionette Theatre and the fellows "got into the spirit" of the program. Mother Goose rhymes, stories of the Bain Bain Clock, and Grimm's Fairy Tales all lent their part to make as much childish "atmosphere" as possible. But despite the fact that the fairyland creatures which are born of childish fancy were roaming so gayly about, a beautiful set of plates were turned out by both classes. Still, we heard many arches say they wish they could find the fellow who invented marionettes.

On the last archeology problem only one architect was represented from Armour. This was G. W. McKenna. We received a first mention locally and a mention in New York. The problem was a Fleche of Gothic period. "Mac" worked his out nearly altogether with a 4B and 6B pencil and it was a peach of a drawing. Attaboy Mac! Keep it up.

Mr. Boche, a former student of architecture at Armour, and winner of the Architectural Sketch Club Traveling Prize has returned from abroad and honored us with his presence on shoret day. He told Prof. Reed he had a grand time, enjoying it immensely. Candidly, we would too if we could win a scholarship.

Men led women, 22 to 16 in the group to make all "A's" at the University of Michigan during the past quarter.

STEPPING INTO A MODERN WORLD



Catacombs of communication

Beneath the streets of most cities Bell System men build catacombs of communication. Through these subways run the cables that may serve millions of telephone users.

From each central office, cable ducts spider-web throughout the area served. Other ducts, containing trunk lines, connect one central directly to another. Still others contain long distance circuits

which join the telephones in one city with those in another.

This great underground system exists today only because years ago telephone engineers worked it out. As the telephone habit grew they foresaw the need of clearing streets of overhead wires and protecting circuits for greater efficiency and ease of maintenance. And today this practice of forward planning goes right on.

BELL SYSTEM



A NATION-WIDE SYSTEM OF INTER-CONNECTING TELEPHONES