

From Our Dean... 'Polly' Encloses New Arts Building

To the Engineers:

Each year, during Engineering Week, it is my pleasure to address a few remarks to the student body through the medium of the *Brunswickan*. I am grateful for this opportunity and congratulate the students of the Engineering Faculty for continuing to include the preparation of one issue of the *Brunswickan* as a project for Engineering Week.

The enrollment in Engineering is down slightly in comparison with recent years. We are not alarmed by this because this has occurred at almost all Canadian Universities. Events of the past year or two have tended to focus more attention on science and there is a very noticeable elevation of standards in Engineering Curricula everywhere.

Notable developments within the Engineering Faculty this year include greatly increased enrollment in graduate studies, the installation and use of a digital computer, and the introduction of electives. All of these are contributing to intensify the academic program and stimulate the interest of many students.

Employment opportunities continue to be plentiful for members of the graduating class, particularly for students of high academic standing. Summer employment in jobs offering significant experience continues to be a problem for some undergraduates although all manage to obtain some kind of employment.

The program for Engineering Week this year is especially attractive and I draw your attention particularly to the Open House to be held on Thursday evening. It is hoped that large numbers from the other faculties, as well as the public, will visit us during the Open House. We extend a special invitation to students at Teachers' College and the Fredericton Schools.

In conclusion, I wish to express my thanks to all engineering students for their continued co-operation in many matters during the past year. Your Faculty is encouraged by the knowledge that their efforts on your behalf are appreciated.

Sincerely,
J. O. Dineen.

Schedule Membership Drive

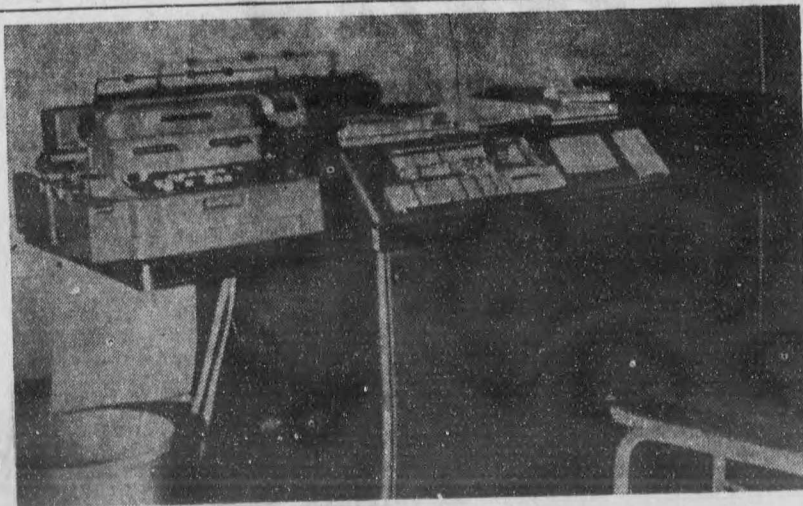
All co-eds, and engineers too, are invited to attend the Engineers' Social tonight at 8 in the Student Centre. Dancing and entertainment.

Everyone is invited to watch the annual grudge match between the Engineers and the Foresters at the Lady Beaverbrook Rink on Wednesday night.

Ever wonder what those red-jacketed figures do after they disappear at nine? Thursday at seven is your chance to find out as the Engineers hold Open House.

As a special feature, the computer will (we hope) grind out solutions to equations on request. Everyone is invited to come and watch this and other interesting displays.

And Friday night—the formal. It will be held in the ballroom of the Lord Beaverbrook Hotel. Buff Eagan and his group, new to Fredericton formal-goers, will start playing at nine. The price is \$2.50 a couple, and there will be no corsages. Because of the large numbers, admittance must be restricted to members of the Engineering Society and of the EIC.



This innocent looking device is the new digital computer, now in daily use in the Electrical Engineering Building. It will be featured at Open House Thursday night.

FIFTH ANNUAL UNB WINTER CARNIVAL FEBRUARY 3-7, 1960

The Engineering students at UNB have shown increased interest in the Engineering Institute of Canada this year. During the membership drive in November, 85 new students joined the Institute. Over 99 percent of the senior engineers are now members.

Another membership drive will be held during Engineering Week. The drive will be conducted each morning in the main lobby of the Civil Engineering building. Membership fees are \$2.00 per year for student members.

Each new member receives a distinctive slide rule tie clip. Other advantages to student members are:

Free use of a large engineering library in Montreal.

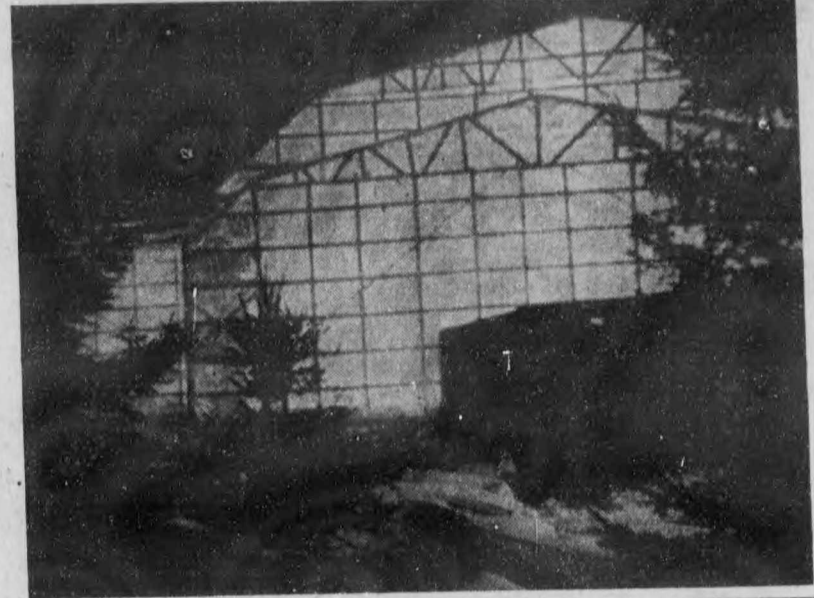
Use of employment services.

Free subscription to a monthly journal.

Anyone interested in joining will be welcome to drop around at the desk in the main lobby next week.

Student Engineers at UNB now and during the coming decade of the University's ambitious expansion program are very fortunate to be able to see firsthand some new and revolutionary construction practices. One of these is the polyethylene enclosure in which the new Arts Building is being constructed on the hill above the Student Centre.

This wooden frame polyethylene sheet enclosure was erected by the **Diamond Construction Company** to permit the construction to continue during the winter months. Formerly the main construction period was during the summer which resulted in considerable winter unemployment, both of construction workers and those employed in the building products industry. The solution to this problem was obviously to devise some method to enable the concrete and mortar to cure at the allowable temperatures. One method is to heat the concrete forms electrically or by steam, and another is to use pre-cast sections. By far the best method is the one we see on the hill—to create a warm atmosphere around the entire building site which permits proper curing as well as comfort to the workers regardless of the weather conditions. Because of these methods Canada leads the world in per capita volume of winter works, enabling more people to enjoy year round employment in this



great Canadian industry.

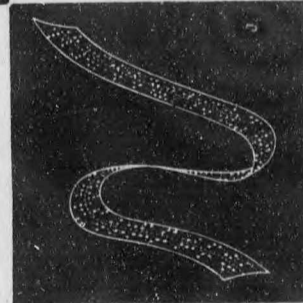
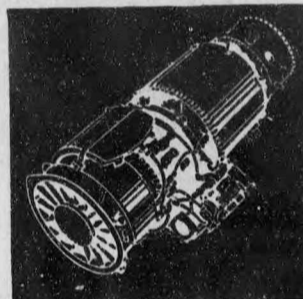
The polyethylene sheet, made by **Dupont**, is 0.006 inches thick. It behaves in an elastic fashion when loaded, is so strong that the wooden frames supporting it will break before it does, allows light in and keeps cold out. The supporting frames are a series of wooden bents made to dimension which will permit completion of the building with the exception of the peaked roof. According to one of Diamond's foremen, this type of enclosure is more economical with a steel frame building than with the bearing wall type such as the Arts Building—because use can be made of the steel frame to support the wooden enclosure roof trusses.

So engineers, keep your eyes open while you trudge around the campus because just by standing and looking (no effort at all!) you can learn how winter work is carried on, something a great many of you will be involved in one way or another when you reach the misty world of "out there".

PICTURESQUE SPEECH

(Continued from page 2)

Drunkenness, intemperance, drinking, inebriety, inebriation, insobriety, intoxication, winebibbing, bacchanalia, libations, alcoholism, dipsomania, delirium tremens, DT's . . .



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- Quality Control
- Production Engineering
- Electronics Systems
- Instrumentation
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A recruiting team will visit the campus on **FEBRUARY 1 and 2**

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