

ENGINEERING BRUNSWICKIAN

SPECIAL EDITION OF THE WEEKLY NEWS AND LITERARY JOURNAL OF THE UNIVERSITY OF NEW BRUNSWICK

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Engineers Again

This issue of "The Brunswickian" brings to light another effort by the largest and most representative group on the campus, the Engineers. For the third successive year this prominent faculty, quite frequently attacked as inarticulate and illiterate, has sallied into the journalistic world to prove that it can build a bigger and better Brunswickian as well as bridges.

In contrast to previous faculty editions, the policy of this special issue has been to present articles written by students only, of general interest to all students of any faculty. Highly technical material and abstracts have been suppressed, with the belief that they belong to the classroom and professional gathering.

Co-op Houses

Co-operative houses have proven most successful at many Canadian universities, and articles commending them appear frequently in contemporary journals. Co-operative plans are to be strongly recommended to the students of U. N. B., who enjoy residence facilities for only fifteen percent of the male student body, and none whatever for women.

Offering lower board and numerous advantages over private boarding-houses, the co-ops have functioned most efficiently at Queens and U. of Alberta. Enterprising groups of students organize shareholders to rent a suitable building and operate it under a residence plan.

Officers are elected to govern the enterprise, review yearly applicants for admission, and appoint a student manager to run the house in a manner most satisfactory to the inmates.

The University of New Brunswick
FREDERICTON, N. B.

Courses in Arts, Science, Forestry, Law, Civil and Electrical Engineering

Lady Beaverbrook's Residence for men provides excellent accommodation for a limited number. The Lady Beaverbrook Gymnasium, erected in 1940, has complete facilities for indoor athletics.

The Calendar gives full information on Fees, Courses and Scholarships. A copy will be sent on request.

N. A. M. MacKENZIE, LL.D., President.

S. C. M. at Alberta has likewise proposed a women's co-operative at that university, following the lead of the men.

Local Branch Feasible

Consideration has been given lately a proposal to establish a Fredericton Branch of the Engineering Institute of Canada. While there are sufficient members in the vicinity to do this, it has been thought advisable due to the press of present day conditions to wait until after the war.

Flight Sergeant Richards

The Engineering Class of '44 have learned with the greatest sorrow of the death of a well-known and widely-liked member of the "old guard", Flight-Sergeant James Richards, of Saint John.

MUMMERY

Edmonton Street Cars. I recently visited the city of Edmonton, and thought perhaps you might be interested in a thumbnail sketch of the city. If so, and if you know where I can get a clean thumbnail clean, I'll be happy to give you my own remarkably biased impressions of the unsuspecting metropolis.

Glass vs Steel

The successful use of glass as reinforcing material for concrete beams and floors was first announced in 1940. Developed in England as a result of research to find a substitute for steel after the outbreak of war, it has been used commercially there for the past three years, but has yet to be exploited in America.

Improvements on the Road

The opening of the Alaskan Highway and the speedy completion of so many war projects has made us aware of the great strides made in the development of construction machinery.

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TOWER CLOCK FARCEtERS

In the last fifteen years, literally thousands of students toiling across the scenes of an empty stomach, at a vain attempt to make an 8.35 a.m. lecture have idly wondered what hidden force kept the Beaverbrook clock so relentlessly correct or, sometimes, why winter blasts stopped it.

When Lord Beaverbrook donated the main residence to the University in 1925, the tower clock was part of the architect's plan and accordingly was ordered in England, since few if any in this country know the art of building such gigantic time pieces.

The heart of the whole system is a master clock on the main floor of the Men's Residence. This is timed by a pendulum in the familiar manner of a clock supplied from a battery rather than a coil of spring. From this clock, a line from the master operates the electric clock switches in the tower.

The development of these powerful earth scoops has been entirely due to the genius of Robert LeTourneau, of Plover, U.S.A., who builds half of the total earth-moving machinery produced in the world.

While these machines are in common use and generally taken for granted, it may be remembered that the majority have been developed since World War I, and it is largely due to them that rapid movement of troops and mechanized equipment across difficult terrain has been possible in this war.

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ZKUPE By ZNUPE

BEERS — to the Engineers for a Super dance. Any resemblance to the Co-ed's is inconsequential.

Wolves plenty at the Friday night Hop — Anderson, Evans, Whittingham, Fairley, McSorley, Habel, and etc. — And a nice array of wolfesses to keep the party jumping.

Some of the Foresters are abnormally adept with the bull dozer. And did I mention let his ability prove the point?

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THE ROYAL BANK OF CANADA

Every business started as an idea in the mind of some individual. Every shop — every farm — every factory — every worthwhile enterprise grew back to movie theatres, came into being because some individual had faith in an idea and the courage to back it.

Every Canadian has this right . . . the right to build his future in his own way — to go into business for himself — if he chooses — and to reap the reward of his enterprise. So it has always been. That is the very essence of our free way of life, the solid foundation of our greatness as a nation.

What is PRIVATE ENTERPRISE?
It is the natural desire to make your own way, as far as your ability will take you — an instinct that has brought to this continent the highest standard of life enjoyed by any people on earth. It is the spirit of democracy on the march.