

As regards the first it is noted that the plans already prepared would be adequate but, of course, as plans included electrical engineering it would be desirable for them to be carefully re-considered. See report from Science

Faculty below -

#### Faculty of Applied Science

The Faculty of Applied Science is offering courses in Communication Engineering in the preparation of which they have for some time been engaged. In this connection a contribution of the highest value has been made by the Department of National Defence. The graduates of the course in Wireless Engineering will not only form a very useful reserve, but may be counted upon to provide a considerable number of active officers for the Signal Service. With this in mind the Department is lending one of its most highly qualified officers to supervise the course in wireless telegraphy for the next two years, and is moreover giving us the greatest assistance in the acquisition of equipment. In the course in telephony a promise of further and most valuable aid in obtaining equipment has been given by the Bell Telephone Company of Canada. It is to be hoped that commencing under such auspices the new course will before long prove a success.

Mention has already been made of the fact that the construction of the Electrical Wing has permitted the complete remodelling of the Engineering Laboratories, it is not yet generally realized that no such improvement has been made in the equipment of and the facilities offered by the Engineering Building since the erection of the original structure in 1893.

The new floor space which was available for the Electrical Department was 11,000 sq. ft. and by the removal from the former Smithy and Foundry of the shop equipment the use of which for instructional purposes had been discontinued this total was increased to 20,000 sq. ft.

The Electrical Laboratories have now been reinstalled in the main and first floors of the new

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wing in accordance with the most modern methods and up to the highest standards, while on the second floor is being placed the Communications Laboratory, as well as a new Electrical Measurement room. This frees much needed space in the Physics Building. The High Tension Room has been enlarged and re-conditioned, although some further apparatus is still required. The Department of Mechanical Engineering has installed a new gas engine laboratory, now almost complete, in the basement of the new wing. This Department, with its three excellent laboratories, besides the one remaining shop, is now as completely equipped as could be desired.

In the space cleared by the removal of the Alternating Current Laboratory the Department of Civil Engineering has installed a most excellent Hydraulic Laboratory. We shall thus, we hope, be able to carry on in a satisfactory way instruction and research in a subject of the greatest national importance and one in which the staff and graduates of McGill have an honored record.

In the space which has for many years been occupied by the very much cramped Hydraulic Laboratory has been placed a Cement Laboratory and in a further space now cleaned and remodelled in the basement is a new Highway Laboratory.

The whole work has been carried out at a minimum of expense through the utilization of all local facilities and the energetic and willing aid given by the Laboratory Superintendents of the building to whom as well as to the members of the staff the University owes its sincerest thanks.

We can indeed foresee a new problem, one which is in a way a direct result of all the efforts being made to improve engineering education. The question of the remuneration of the engineer when his University course is over and he has entered upon his professional career is one which, while it does not directly concern us, certainly affects us. The industries which have felt it possible to recognize the value of thorough Univers-