

and the consequent release of space in the Engineering Building, made possible an extensive rearrangement of our laboratories. The Hydraulic laboratory was expended to occupy some five times as much floor space as hitherto, and a considerable amount of new equipment was added. This included an experimental turbine with interchangeable runners of the latest types, centrifugal pumps, experimental pipe line, and many improvements to existing apparatus. The original laboratory had been entirely inadequate, even for undergraduate work, and considering the growing importance of this subject in Canada, especially in recent years, the necessity for strengthening our facilities had become pressing. We are now equipped to cover undergraduate work satisfactorily, and can also provide for graduate research investigations where flows of water not greater than 10 c.f.s. are required. This flow is obtained by recirculating the water through our own pumps, as our connections with the city mains will not provide this amount. The space allotted to hydraulic work is fully utilized, but the piping was laid out so that connections for temporary work can be made at many points. The cost of new equipment, structural and installation charges, was within the estimates and a small balance remained by which additional equipment has been purchased from time to time as the needs became apparent in operating the laboratory. All engineering services in connection with the remodelling of the building involving extensive changes, and with the design and installation of the equipment, were furnished