



WHARF CONSTRUCTION EXPECTED TO BE COMPLETED IN LATE OCTOBER

New D.O.T. wharf to provide latest in modern facilities

One construction sight that everyone in the city of Charlottetown is aware of is the new Department of Transport Marine Agency wharf where the grounds of driving piles have been ringing in the ears of city dwellers for some time. The pile driving, however, is a sure sign that workmen are doing their best to complete the structure as soon as possible. This particular aspect of the work is also one of the unique facets of the wharf as it is one of the first to incorporate the use of steel pilings as the mainstay of the wharf itself. It is being built by the department of Public Works with the design by Whitman Bond and Associates, Northern Construction Co. J. W. Stewart Ltd. are doing the construction. When completed the wharf will provide new and better facilities for the DOT including offices, and warehouses. It will be one of the sturdiest and most modern places of construction of its type. The total cost is expected to be in the neighborhood of \$1.5 million and will be approximately 300 feet long and 300 feet wide. It will consist of a concrete deck supported on seven rows of piles along the perimeter or harbor side of the wharf. It is at this point where the uniqueness of this operation can readily be seen as these seven rows of piles are of steel construction with a few modifications. The inner three rows are steel edge piles with the upper part from below low tide up covered with steel reinforced concrete. This type of pile is to prevent rusting. The outer four rows are of entirely different construction. These are steel tubes which have been sunk into the harbor bottom and will be filled with cement. By doing this a pile is given double strength, but the main feature is when the steel runs out in about 20 years or so, the cement will remain to provide a solid support for the wharf section. The work is now scheduled for completion in late October or early November. This is somewhat behind schedule as the original completion date was set for last April. There were several unavoidable setbacks that caused this delay. The chief reason being the trouble with the fill before actual work could be started. A large amount of fill was needed to provide a solid foundation for the project but it was discovered that the harbor bottom was so soft the fill just disappeared and more and more had to be used to take its place. Finally enough fill was laid to allow the construction work to begin but not before several weeks had been lost in the process. On the wharf, plans have been made to construct several buildings including a store area, a workshop and office facilities for the transport department. Construction officials claim that this will be one of the sturdiest and most modern wharfs in the Maritimes, and the methods of construction, such as the steel piles, are unique as they have not been used too often before.

June target date for Ch'town church

A building project that is generating much interest in Charlottetown is the new Holy Redeemer Church and Rectory being built in the Upper Queen Street, Spring Park Road area. Actual construction of the project was launched in May of this year with the target date of June 1964 set for completion. Both buildings are expected to cost in the vicinity of \$50,000. From the new church building departs from the traditional church structure here in that the altar is in the centre with pews surrounding it. The tower which is normally associated with a church is reduced in form to a functional skylight over the sanctuary area. The Rectory of two-storey steel and brick construction is connected with the church by means of a covered passageway. Heating of the church will be by hot air while that of the Rectory will be by hot water. The project has been a number of years in planning and is designed to meet the expanding parish needs of the area. The official opening of the church office and Rectory is expected to take place in July of Confederation Centennial year here. Architect is Alfred J. Henessey. General contractors are Williams and Murphy of Charlottetown and Summerside.

Memorial building work moves ahead

Continued from page 13
 live of all Canada." Dr. MacKinnon believes, "the theatre will be one of the finest in North America. Similarly, the art gallery, museum and library will be fine centres where local groups can put on displays in their special fields." It was pointed out by Dr. MacKinnon that it is "important to note that in addition to the large theatre with 1,000 seats or more, there will be a small, highly flexible 300-seat auditorium for special productions and meetings." Dr. MacKinnon said that in addition to the display space in the gallery there will be a large area for storage of paintings, enabling revolving exhibitions to be held, making for a "live" gallery, with constantly changing exhibitions.

is mounted on a disappearing platform. The seating capacity is not definitely established—Mr. Rickard thinks it may be greater than the 1,200 capacity that has been reported—and it will not be known until the seating plan is actually laid out. Recently the contractors began to form the concrete ceiling and roof over the lobby area. An interesting thing for the people to watch for Mr. Rickard suggested, is the form work for the theatre roof. The roof will be five feet thick and it will take a solid month to construct the forms, he said. The roof is a waffle type of slab construction. Heavy cables will run horizontally through the slab that can be tightened after the concrete has set—it is a "post-tension" operation. It will require 200 yards of concrete which will mean a weight of approximately 400 tons. All of the concrete used is hauled to the job in mixing trucks but this is not always done in modern construction, the superintendent explained. The company has 10 mixing plants of its own but it was a bit far to move one of them here. In the Toronto area, though, he said the mixed cement can be bought from the companies producing it cheaper than a contractor can mix it on the job.

An unique structure, Dr. MacKinnon continued, "is the memorial hall in the centre of the project. It will feature a glass pyramid roof and stepped stone sides engraved with quotations of the founding fathers." Speaking of the whole building project, Dr. MacKinnon said "the complex has eight large spaces in which conventions can be held. These will be appropriately decorated and furnished and should provide one of the finest convention centers in the country." AIR-CONDITIONED The entire project is to be air-conditioned, not only for comfort, but to enable the proper handling in the library, gallery and museum. "The entire square," said Dr. MacKinnon, "will be landscaped with plants in front of the library and theatre, and two sculpture courts, as well as flagstone walks, terraced land, etc."

Platform Vanishes

In addition the theatre organ is mounted on a disappearing platform. The seating capacity is not definitely established—Mr. Rickard thinks it may be greater than the 1,200 capacity that has been reported—and it will not be known until the seating plan is actually laid out. Recently the contractors began to form the concrete ceiling and roof over the lobby area. An interesting thing for the people to watch for Mr. Rickard suggested, is the form work for the theatre roof. The roof will be five feet thick and it will take a solid month to construct the forms, he said. The roof is a waffle type of slab construction. Heavy cables will run horizontally through the slab that can be tightened after the concrete has set—it is a "post-tension" operation. It will require 200 yards of concrete which will mean a weight of approximately 400 tons. All of the concrete used is hauled to the job in mixing trucks but this is not always done in modern construction, the superintendent explained. The company has 10 mixing plants of its own but it was a bit far to move one of them here. In the Toronto area, though, he said the mixed cement can be bought from the companies producing it cheaper than a contractor can mix it on the job.

'Talkies' came back in 1928

"In 1928 the 'talkies' first came to Canada's theatres. At the same time, General Sound and its beginning. Down through the years many changes took place. The latest big change came in 1959 when General Theatre Supply and Dominion Sound Equipment Limited, Electronic Division, came together under one banner. Today, as General Sound and Theatre Equipment Limited, the Company is very proud of the many opportunities it has had to serve Canadians from Coast to Coast. It points with pride to installations of sound equipment in Canada's best known buildings. The Canadian Head Office of Prudential Assurance, the Head Office of Union Carbide, Canadian Kodak, the larger Air Terminals, Maple Leaf Gardens, Montreal Forum, Canada's highest building, Place Ville Marie, Vancouver Civic Centre, and many others. The sound systems in the Vancouver Civic Centre are similar to that being installed in the Confederation Building Theatre. Its system in the auditorium of Vancouver Civic Centre was completed in time for the official opening by Her Majesty the Queen in 1959.

"Best Deal I Ever Made..."

That's right... the best deal whatever your construction requirements is at Bagnall's and there's a reason. We take an interest in your special problem. We'll sit in on the planning... act as consultants... and follow through with service... The kind your architect and you really appreciate.

Quality Lumber, Gyproc, and Plywood, Doors and Windows, Shingles and Siding Builders Hardware.

Remember For Every Thing In Building Supplies

BAGNALL MILLS

Hunter River, P.E.I. Phone 15

FITZGERALD & SNO W Ltd.

BUILDERS OF FINE HOMES IN THE S'IDE AREA

- CONSTRUCTION and CONTRACTING
- FREE ESTIMATING
- SCHOOLS
- REMODELING and RENOVATIONS
- FINE HOMES
- COTTAGES

All Work Guaranteed

This is one of the Fine Homes Built by

FITZGERALD and SNO W Ltd.

334 Highland Ave. Phone 6-5444

ELECTRICITY OWERS PROGRESS

PLANTS FOR TODAY...

...PLANS FOR TOMORROW!

BEFORE THE END OF 1963

60% MORE ELECTRICAL POWER

WILL BE AVAILABLE TO OUR CUSTOMERS

This program of expansion demonstrates our confidence in the future progress and prosperity of Prince Edward Island.

MARITIME ELECTRIC Company Limited