

phragm with $\frac{5}{8}$ -inch bolts. The form is to be finished on top with a string piece. In the preparation of the concrete for the tunnel filling it is provided that gravel may be used in place of crushed stone.

In order to enable the contractors to begin lining the tubes before the sections are sunk all the way across the river, some of the tubes may be provided with bulkheads to keep out the water when the tubes laid are being pumped out. Such bulkheads will necessarily be of ample strength to take the full hydrostatic pressure coming upon them. A common pump for two tubes or a separate pump for each tube will be constructed complete with pump chamber and work incidental thereto.

NEW COMPANIES.

Cleveland Cobalt Silver Mines, Limited, Toronto, incorporated, capital \$1,000,000. Directors H. S. Pritchard, J. Levis and F. Watt.

Great Central Oil & Gas Company, Limited, Petrolea, Ont., incorporated, capital \$100,000. Directors H. E. Crandall, D. E. Corey, F. A. Ansell, all of Bradford, Pa., and others.

Two Lakes Copper Mining Company, Limited, Sowerby, Ont., incorporated, capital \$500,000. Directors C. W. Coulter, L. L. Lucas, J. P. Russell, J. C. Wilkins, all of Oil City, Pa.

Detachable Boiler Flue Manufacturing Company, Limited, Winnipeg, incorporated, capital \$150,000. Promoters, F. C. Bell, J. Y. Griffin, W. E. Skinner, G. A. Metcalfe and others.

McLean, McKeown Company, Limited, Winnipeg, incorporated capital \$20,000, to engage in lumber business, construction contracting, etc. Promoters D. H. McLean, D. McKeown, A. W. Jones and others.

Rawdon Lumber Company, Limited, Rawdon, Que., incorporated, capital \$49,000. Promoters T. Belanger, Valleyfield, Que., A. Belanger, J. U. Emard, Montreal, and others.

Canndian Carbide Company, Montreal, incorporated, capital \$25,000. Promoters E. Languedoc, W. J. Henderson, A. C. Calder, J. Jenkins and C. T. Jette.

Beck-Iden Acetylene Lamp Company, Montreal, incorporated, capital \$100,000. Promoters E. Languedoc, W. J. Henderson, A. C. Calder, J. Jenkins and C. T. Jette.

City of Cobalt Mining Company, Limited, Cobalt, Ont., incorporated, capital \$500,000. Directors T. M. Birkett, W. D. Hogg, T. W. A. Lindsay and A. A. Taillon, all of Ottawa.

Harry Becker and Louis Cohen, carpenters, etc., Montreal, have registered their business under the name of H. Becker & Co.

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