

CANADIAN CONTRACT RECORD

A WEEKLY JOURNAL

PUBLIC WORKS • TENDERS •
ADVANCE INFORMATION •
AND MUNICIPAL PROGRESS

EVERY WEDNESDAY

This paper reaches every week the Town and City Clerks, Town and City Engineers, County Clerks and County Engineers. Purchasers of Municipal Debentures and leading Contractors in all lines throughout Canada.

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DECEMBER 16, 1903

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THE CANADIAN CONTRACT RECORD, PUBLISHED EVERY WEDNESDAY

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TENDERS

Sealed tenders will be received by the undersigned up to noon of SATURDAY, THE 19TH DAY OF DECEMBER, A.D. 1903, for the purchase of \$10,000 Sewerage Debentures of the Town of Perth, in the County of Lanark. Debentures are repayable in 30 annual instalments of principal and interest with interest coupons attached. For full particulars apply to
JOHN A. KERR,
Town Clerk, Perth, Ont.

TENDERS WANTED

Large Stone Catholic Church

to be erected in North Bay; main building 150 x 65 feet. Sacristy and Wint-Chapel attached, 49 x 25 feet.

Sealed tenders for the various works required in the erection and completion of this structure will be received by J. M. McNAMARA, North Bay, Ont., until MONDAY, JANUARY 18TH, 1904.

Plans and specifications may be seen at Bishop O'Connor's House, Peterboro, Ont., and at the office of Thomson & Angus, Architects, North Bay, Ont.

Bulk or separate tenders.
No tender necessarily accepted.

CONTRACTS OPEN.

MORTIER BAY, N.S.—A new saw mill will be built here next spring by M. T. Flynn.

STRATHROY, ONT.—The Cameron-Dunn Mfg. Co. are asking for a \$5,000 bonus to rebuild their work.

SYDNEY MINES, N. S.—Daniel C. McDonald wants offers by December 31st for lighting this town.

SOUTH RIVER, ONT.—The South River Lumber Com any intend building a number of dwelling houses.

MURRAY BAY, QUE.—There is talk of building a theatre here, also a tramway to connect with St. Irene.

ALMONTE, ONT.—A by-law to raise \$10,000 for permanent sidewalks will be submitted at the January elections.

ST. MARY'S, ONT.—The Mo'sons Bank will erect a new bank building here.

NORTH AUGUSTA, ONT.—P. W. Ralph will receive tenders up to 28th inst. for erection of Methodist church in this village.

INGERSOLL, ONT.—A by-law has been introduced in council to provide for the erection of new municipal buildings at a cost of \$20,000.

BERLIN, ONT.—Changes will be made in the plans for installing a low pressure steam heating system in the Margaret avenue school.

COLLINGWOOD, ONT.—On January 5 a by-law to provide \$30,000 for permanent street improvements will be submitted to the voters.

NELSON, B.C.—J. Y. Griffin & Company of Winnipeg, have purchased the Broken Hill building and will make extensive improvements thereto.

NASSAGAWEYA, ONT.—I. S. Inglis will receive tenders up to December 31st for erection of brick veneered manse in connection with Presbyterian church.

KENTVILLE, N. S.—J. Carrall, town clerk, will receive bids up to December 26th for purchase of \$17,500 debentures, \$5,000 of which are issued for water extension purposes.

BRANTFORD, ONT.—It is said that the Toronto, Hamilton and Buffalo Railway have abandoned the proposed extension of their line from this city to Woodstock.

CHATHAM, ONT.—The ratepayers will vote on a by-law to loan \$30,000 to Henry Wybow, of Birmingham, England, to build a pork-packing establishment here.

WATERLOO, ONT.—The by-law to provide \$10,000 for installing another pumping engine and making other waterworks improvements goes before the ratepayers on January 4th.

GREENWOOD, B. C.—It is stated that arrangements have been completed for the construction of the Vernon and Midland Railway and that work will be commenced next spring.

MOUNT FOREST, ONT.—A by-law to raise \$5,000 to wipe out a floating debt and to make improvements to the waterworks and electric light systems will be voted on January 4th.

BRANDON, MAN.—The Public School Board have decided to erect a two room frame school building on the Johnston estate provided the by-law for a loan of \$30,000 is passed.

EAST TORONTO, ONT.—The Committee on Water Supply has reported that the source of supply must be Lake Ontario, but it is likely that an expert will be employed to report.

WINDSOR MILLS, QUE.—The Oxford Mountain Railway is arranging

for right of way between this place and Kingsbury, and it is expected that the construction will be begun next spring.

WINDSOR, ONT.—Lewis Steinfeld, real estate dealer, of Detroit, has purchased property on Lincoln avenue in this city, and purposes erecting twenty two-storey dwellings for rental purposes.

MONTAGUE, P. E. I.—Engineers commenced this week on the survey of the route of the proposed branch railway line to this place. It is expected that the work of construction will begin next spring.

WINGHAM, ONT.—A by-law will be submitted to the ratepayers on January 4th to raise \$35,600 for improving and extending the waterworks system and for construction of a trunk sewer and sewage disposal works.

SEAFORTH, ONT.—Bids received by James Watson up to January 17th, 1904, for enlarging and remodelling the First Presbyterian church, contractors to furnish all material except leaded glass, heating apparatus and seating.

ST. THOMAS, ONT.—Middlesex and Elgin county councils will likely take joint action towards the erection of a steel bridge across the Thames River near the village of Dutton; proposed span 220 feet, cost \$16,000.

HALIFAX, N. S.—The city engineer has reported that the amount to be borrowed if the sewers petitioned for are to be built will be \$81,400.—The three city branches of the C.M.B.A. are considering a proposition to build a central hall.

STAYNER, ONT.—The citizens have asked the council to submit a by-law to the ratepayers to raise \$10,000 to be expended on granolithic walks, repairing streets, and building a bridge over the ravine in the centre of the town.

OWEN SOUND, ONT.—Plans are being prepared for a new residence for David T. Rutherford, carriage builder, to be built on Poulett street.—By-laws will be submitted to the ratepayers in January to raise \$10,000 to extend and improve the electric light plant and \$15,000 for improvements to the gas plant.

ST. JOHN, N. B.—The residence owned by the city on the Loch Lomond road will be remodelled for the purpose of a residence of the caretaker for the Little River reservoir.—It is understood that the King Edward Oil Company, of Toronto, will build a large warehouse on Prince William street, to be utilized as headquarters for the Maritime Provinces.

PORT ARTHUR, ONT.—By-laws have received their second reading in council to provide by the issue of debentures \$9,000 for completion of telephone system, \$12,000 for completion of electric street railway system, \$10,000 for completion of electric lighting system, \$10,000 for the purchase of a new dynamo and turbine, \$12,000 for repairing and com-

pieting the Current river dam and \$2,000 to improve the Current river park.

FREDERICTON, N.B.—The New Brunswick Government are asking for tenders for construction of the Boat Landing bridge in Victoria county, Somerville bridge in Queen's county, Calhoun's bridge in Westmoreland county, and Germanstown Lake bridge in Albert county.—The Scott Lumber Co. have decided to erect a large shingle mill. They will also build about twenty residences for their employes.

KINGSTON, ONT.—The Kingston Real Estate Co. intend adding two storeys to the Hotel Frontenac, also elevators.—It is stated that the British American Hotel will be replaced by a modern six-storey building as an annex to the Frontenac.—The Sisters of the Hotel Dieu are having plans prepared for alterations to their property on Brock street, to cost about \$10,000.—A fishing and hunting club of Youngstown, Ohio, have purchased through Captain D. Noonan, of this city, an island in Newboro lake, where a fine summer hotel will be built.

PEMBROKE, ONT.—Messrs. Vandervoort & Mohr, representing a syndicate, have made a proposition to supply electric power to this town. They propose to develop a water power at Petewawa.—The ratepayers will vote on a by-law on January 4th to grant a loan of \$50,000 to the National Manufacturing Co. to build and operate a factory here for the manufacture of cream separators, wind-mills, and gasoline engines.

HAMILTON, ONT.—A special committee of the City Council had a conference last week with Major H. A. Gray, Dominion Government Engineer, Toronto, and he intimated that he would recommend to the Government an expenditure of about \$50,000 for sheet piling along the bay front from Catharine to Wellington streets.—It is stated that an apartment house is to be built on the Case property, corner King and Walnut streets.

GODERICH, ONT.—Smith Bros. propose establishing a factory for the manufacture of ladies' jackets, skirts, etc. They will erect a two-storey building.—The county council will immediately call for tenders for the erection of several bridges, the contracts to be awarded at the January session.—Tenders will be invited immediately for an addition to the House of Refuge, from plans by H. C. McBride, architect, of London.

FORT FRANCIS, ONT.—Representatives of the Backus-Brooke syndicate last week had an interview with the Ontario Government regarding the development of the Fort Francis water power. It is understood that the promoters have agreed to spend \$480,000 for dams and reservoirs and to build a power house on the Canadian side, also that the power developed on the Canadian side should not be used on the American side. It is understood that as a result of the agreement a company will be organized to undertake the work.

LINDSAY, ONT.—James N. Chalmers has acquired a lot on Williams street, 100x224 feet, and intends building thereon two brick dwellings to cost about \$2,000 each.—The committee appointed by the county council to report upon the building of a new House of Refuge consists of Messrs. J. Graham, William Channon, C. Fairbairn, A. McGee, A. E. Staback and Dr. Wood.—W. M. Flavelle, John Carew and others have applied for a charter for the Victoria Cement & Power Company, Limited. It is proposed to establish cement works at Goose Lake, in the township of Mariposa.

LONDON.—It is likely that steps will be taken at an early date to build a new

church to replace the Hamilton Road Methodist church, of which Rev. S. J. Allen is pastor.—Matthews & Murray, architects, are calling for tenders for heating and plumbing of the Echo Building for A. Talbot and plumbing for Wortman & Ward's new office building.—H. C. McBride, architect, is calling for tenders for a new two-storey store for William Davies & Co., pork packers and provision merchants.

QUEBEC, QUE.—It is stated that arrangements have been completed for the erection in this city of a palatial hotel. The promoter is said to be J. W. Drake, of the firm of Drake & Gates, Chicago and New York, who is reported to have secured an option on the piece of land near the old Kent Gate and the present Parliament buildings. The Canadian Pacific Railway have for some time been desirous of enlarging the Chateau Frontenac, but have been unable to secure the land for the purpose.—The C. P. R. have decided to utilize the site occupied by Darlington's building, on the corner of Beaudé and DuFort streets. The building will be utilized as a freight and ticket office.

WINNIPEG, MAN.—The Engineering Department of the Canadian Pacific Railway, Montreal, have just commenced the preparation of plans for the combined station and hotel to be built in this city.—The Winnipeg Free Press Co. are having plans prepared for a fine newspaper office building to be erected next year on the corner of Garry street and Porrage avenue.—The company that holds the charter for the construction of an electric railway between Winnipeg and St. Norbert expect to be able to commence work early next spring. A site for the bridge at St. Norbert was surveyed last week.—The Assiniboine Power Co. have renewed their application to the city for a franchise to supply light and power. The company is represented by A. J. Andrews.

OTTAWA, ONT.—The question of the establishment of a House of Industry in Carleton county has been left over for next year's council.—At a meeting of citizens held last week it was decided to ask the

city council to submit a by-law to the property owners in January to provide \$50,000 to assist in the reconstruction of the Ottawa University.—S. J. Davis is building two houses on Strathcona avenue, to cost \$2,500 ea. h.—It is expected that May & Lang will next spring commence the erection of a tannery on the Russell road.—The arbitrators appointed to settle the dispute regarding a site for a new school for the Union section of No. 9 Osgoode and No. 20 Mountain, have decided in favor of the Belmont site.—A proposal is under consideration to convert the library building into a fire station.—J. B. Lewis, surveyor, has submitted to Clarence township council a report on the drainage scheme of Cobb's Lake, through concessions 1, 2 and 3 of Clarence township. The cost will be about \$26,000.—By-laws will be submitted to the ratepayers to raise by the issue of debentures \$20,000 for completion of main drainage system, \$50,000 for acquiring the electric light plant, and \$42,666.61 to defray city's share of G. E. B. drainage system.—E. L. Horwood, architect, has prepared plans for a new hall to be built on the east side of Bank street for St. George's Society. The building will cost about \$25,000 and will be built of pressed brick and limestone.—A. L. Pinard, Oscar Leclair and others have purchased property at the corner of Dalhousie and George streets for the purpose of erecting a national hall which will cost about \$55,000. The building will contain bowling alleys, gymnasium, plunge and shower baths, entertainment hall, reading room, billiard room, etc.

VANCOUVER, B. C.—C. H. Hines, electrical engineer of the Canadian Pacific Railway, has been on a visit to British Columbia. He states that he will recommend that a new switch-board be installed in the Vancouver Opera House and that the electric wiring be overhauled and renewed. Improvements may also be made in the lighting of the C. P. R. shops.—A syndicate headed by P. Burns has purchased the old smelter site in east end of the city and it is probable that a large building will be erected thereon.—Donovan Rogers, the well

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known capitalist, has purchased property on Granville street on which he intends building next spring.—Parr & Fee, architects, have prepared plans for an apartment flat to contain six residences to be built for W. L. Tait at the corner of Seymour and Robson streets, estimated cost \$12,800.—William Skene, Molsons Bank Building, will receive tenders up to January 11, 1904, for erection of the superstructure of the Vancouver general hospital buildings, from plans prepared by Grant & Henderson, architects. Separate tenders will be received as follows: (1) heating and ventilation; (2) plumbing; (3) elevators; (4) all other trades in bulk.

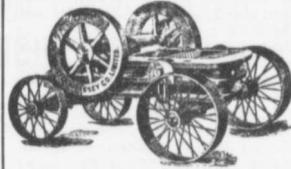
MONTREAL, QUE.—Finley & Spence, architects, have prepared plans for the new Y.M.C.A. building for McGill University. It is estimated to cost about \$90,000 and an effort will be made to commence the work next spring.—Rough plans have been prepared for a new building to be built by the Natural History Society on a site near the Windsor Hotel. F. W. Richards is secretary of the society.—The Hygiene Committee of the City Council has recommended the erection of a new morgue.—A petition is being circulated among the farmers between St. Jerome and St. Sophie asking that the Great Northern Railway construct a loop line from St. Antoine to Charlemagne.—John James Browne & Son, architects, have completed plans for an apartment house to be erected on Bishop street by W. E. Phillips, to be 60x130 feet, three-stories, pressed brick, with sandstone trimmings. Contracts will be let immediately and building operations begun early in the spring.—Archbishop Langevin states that it is not the intention to build a most costly cathedral, as reported, but that the erection of a medium size church may be undertaken.—The Road Department proposes to construct sewers on Guy street, from St. Catharine street to north of St. Luke street, and on Cuvillier street, from 430 feet north of Forsyth street to a distance of 270 feet.—The directors of the Montreal Amateur Athletic Association purpose holding another bazaar with the object of raising funds for the erection of their proposed new building.—F. D. Monk, M.P. for Jacques Cartier, Thomas Christie, M. P., Thomas Gauthier and others, have organized a company for the purpose of building an electric railway from Montreal to Ottawa. Surveys have already been made along a portion of the projected route and it is estimated that the cost will be about \$12,000 per mile. A number of important branch lines are also projected. A large terminal station will be erected in this city, where the head offices will be located.—At the annual meeting of the League for the Prevention of Tuberculosis, held in this city last week, Dr. Roddick, M. P., expressed the hope that the Provincial Government would build a modern sanatorium on the land given at Trembling Mountain.—The contract between Warden King & Son and the town of Maisonneuve, relative to the erection of a large factory by the firm, has been signed.—The Market Committee will ask for an appropriation of \$66,000, as extensive improvements to the markets are under consideration.—E. Marceau, Superintending Engineer Quebec Canals, wants tenders by 18th inst. for supply of cement, cast and wrought iron, hardware, lumber, etc.

TORONTO, ONT.—Jos. Barrett, formerly of the Humber Light & Power Co., is arranging to develop a water power on the Credit river, with the object of transmitting electric energy to manufacturers at Toronto Junction, New Toronto, etc.—The Board of Control are asking for tenders up to December 22nd for supply and installation of a 30-ton

suspension stock scale and appurtenances, of the overhead suspension type, in the sheep barns at the county Cattle Market. Specifications at the office of the Commissioner of Assessment and Property, City Hall.—C. Powell & Co., 340 Spadina avenue, want tenders for drains, plumbing and gasfitting.—A meeting of the directors of the Nicola, Kamloops Samilkameen Coal & Railway Co. was held in Toronto a few days ago, at which it was decided to take steps to build the projected railway, which will extend from Kamloops, B.C., to Nicola Lake and then south-east to the American boundary, a distance of about 190 miles. C. H. Keefer, C.E., of Ottawa, is engineer for the company.—L. A. De Laplante is erecting nine dwelling houses on Queen street east, near Balsam avenue, to be completed in the spring.—The Property Committee of the City Council has recommended that the proposed Carnegie library be located on the site of the present library, corner Adelaide and Church streets.—At a meeting of the directors of the Canadian Telephone & Telegraph Co., held at the King Edward Hotel last week, with President Charles Robinson, of Scranton, Pa., in the chair, it was decided to take steps immediately

with a view to securing a franchise in this city.—Building permits have been granted as follows: M. B. Vandervoort, three pairs two-storey brick and rough-cast dwellings, 37-47 Natalie street, cost \$8,400, also two pairs two-storey brick, frame and rough-cast dwellings, 45-51

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Victor avenue, cost \$7,000; William Pudfin, two pairs two-storey brick and stone dwellings, east side Dufferin street, near College, cost \$5,600; William E. Woale, six two-storey stone and brick dwellings, Russett avenue, near Bloor street, cost \$9,000; H. S. Mara, two pairs two-storey brick and rough-cast dwellings, east side Gorevale avenue, near Arthur street, cost \$5,200, also two pairs two-storey brick and rough-cast dwellings, east side Bellwoods avenue, near Arthur, cost \$5,200; W. G. Harris, one-storey brick addition to warehouse, 29 William street, cost \$9,000; Walter Marks, two pairs two and a half-storey stone and brick dwellings, south side Hepbourne street, near Ossington avenue, cost \$5,000; R. C. Vaughan, pair two-storey and attic brick dwellings, corner Euclid and Herrick avenues, cost \$4,000; Canadian Northern Railway Co., vaults and staircase, corner King and Toronto street, cost \$5,000; C. H. Mortimer, two-storey and attic brick dwelling, 132 Crescent Road, cost \$5,000.

F. Duclos, of the plumbing firm of F. Duclos and Company, Montreal, died in that city last week.

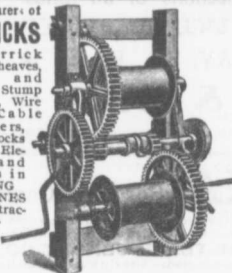
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CONTRACTS AWARDED.

COLLINGWOOD, ONT.—The town has sold \$14,000 4½ per cent. debentures to the Dominion Securities Corporation, Limited, Toronto.

KILGUSTON, ONT.—Lemmon, Claxton & Lawrenson have received contracts for heating residences of W. Anglin and F. Anglin, Brewer's Mills, and F. Briceland, Wolfe Island.

MONTREAL, QUE.—The Harbor Commissioners have accepted the following tenders for supply of timber and planks: Hemlock face, Shearer & Brown; round pine and flat pine, J. L. B. Leclair; pine face, Mason, Gordon & Co.; pine coping, Shearer & Brown; pine planks and elm piles, J. L. B. Leclair; elm planks, Shearer & Brown; maple planks, J. L. B. Leclair; pine, hemlock and spruce planks, E. Chausse.

TORONTO, ONT.—The Board of Control have awarded contracts for annual supplies as follows: Special castings, per cwt., \$2.50, T. Tomlinson & Son. Paving bricks, Ontario Paving Brick Co., No. 1, delivered on job, \$15.50; f.o.b. cars, \$14.50; No. 2, delivered on job,

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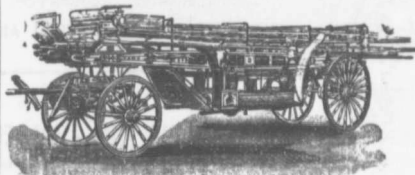
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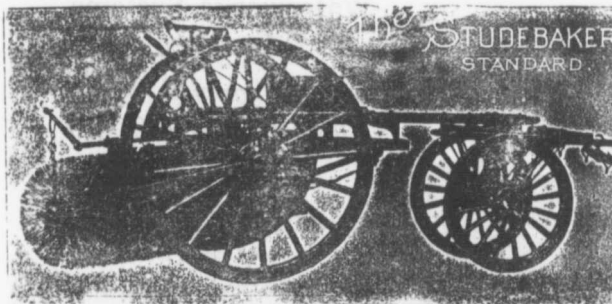
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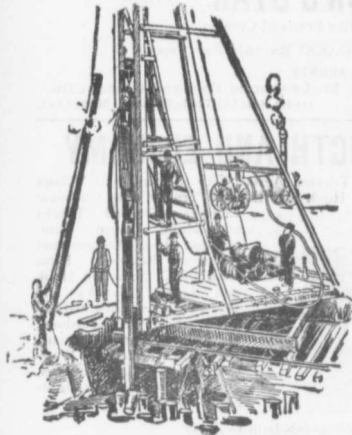
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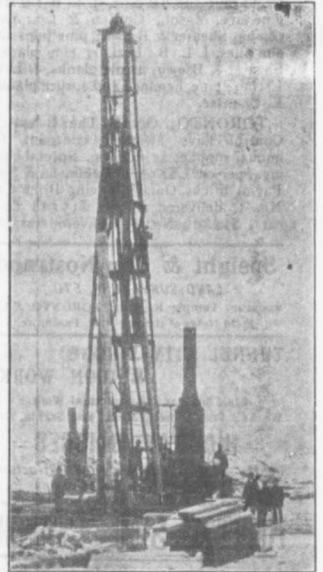
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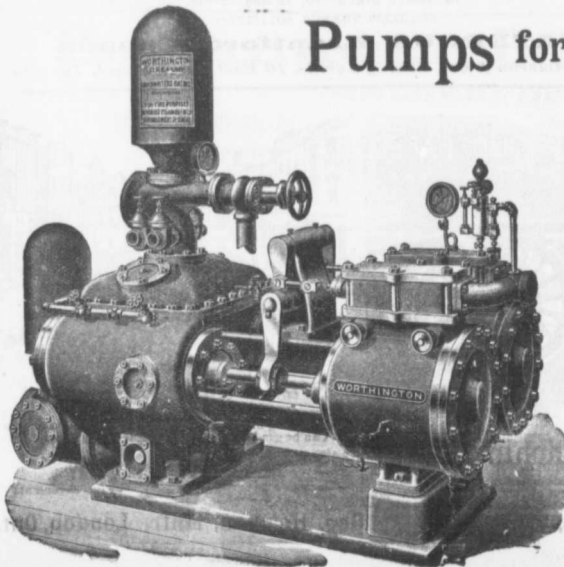
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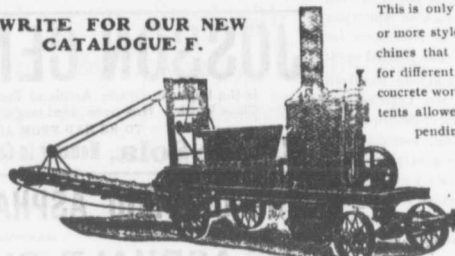
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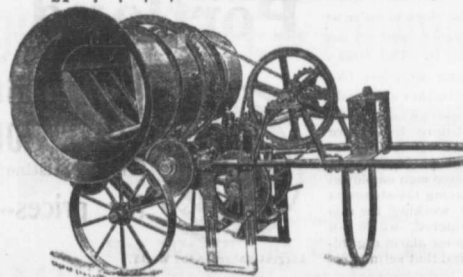
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The Settmakers' and Stoneworkers' Journal, of Aberdeen, the official organ of the paving block makers of Great Britain, gives an account of a machine which has recently been installed in Alberdeen for cutting paving blocks. The Journal says:

"A new settmaking machine has been erected in the yard of Mr. Charles McDonald, Jute Street, a short description of which may be interesting, especially to those connected with the quarrying industry who have no opportunity of seeing it for themselves. The machine is constructed on the principle of the steam hammer which is used in blacksmiths' shops, except that it is worked by the foot in place of the hand in order to allow the operator to use both his hands in holding the stone in the exact position required. The hammer can be made by a touch of the foot to go up and down in the same manner as the ordinary steam hammer, and can also be made to strike a heavy or light blow as the case may require. Right underneath the hammer, securely fixed on a table, is a knife or cutter similar in design to thepeen end of a settmaker's clearing hammer, but longer. The stone is balanced on this knife, and the hammer is brought gently down three or four times in order to prepare the place for the final blow which immediately follows. As a natural consequence the heavy stroke from the hammer drives the stone against the knife underneath with such tremendous force as to cause an immediate fracture. It will, therefore, be seen that the stone is broken exactly where it is wanted from the effect of the knife underneath and the heavy blow from the hammer above. This machine cuts out the blocks remarkably well, but is of little or no use for trimming them, as the knife requires a hold on the stone of about an inch before it will work effectively. This machine is of German make, and is worked by a Dane. It is said to be able to block out some 500 small cubes in a day of 9 hours, but, of course, they would all have to be trimmed up and finished by the settmakers before they were ready for the ordinary requirements of the trade."

Commenting upon this machine editorially, the Journal, which does not fear its effect upon hand work, say:

"We paid a visit to the place in order to see the machine in operation and get an opportunity of inspecting it. The blocks produced by the machine were just like those broken out by a settmaker and ready for the reel. They would all have to be trimmed and sized before they were marketable, unless used for a kind of mashed rubble or random paving blocks. There were practically two men employed at the work, the one placing the stones on the table and the other working the machine. All things considered, we do not think there is any cause for alarm regarding this new machine, and that settmakers

may rest assured that this new invention will not in any way injure the present system of set-dressing.

"Another experiment has recently been made in set-making which is doomed to failure owing to the excessive expense connected with the manufacture of the blocks. In this case a saw-frame was erected capable of admitting blocks 9 ft. by 4 ft. by 4 ft., and six blades 6 in. wide by 3-16ths in. thick were used driven by an engine of ten horse power to saw the blocks into seven slabs of various thickness suitable for the usual sizes of paving sets. Chilled shot and copious supply of water fed continuously into the slits assisted the blades in cutting the slabs. The

rate of cutting was about 5in. in depth per hour, but the cost of chilled shot and of the renewals of the saw blades was very high for the quantity of sets produced. The total cost of sets produced at saw was 19s. 1d. per ton, to which falls to be added the cost of breaking and dressing the slabs into the various sizes of sets."

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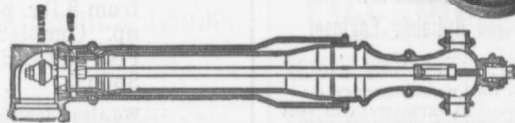
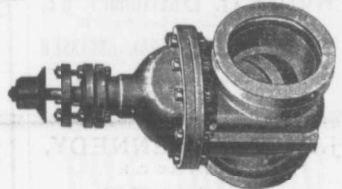
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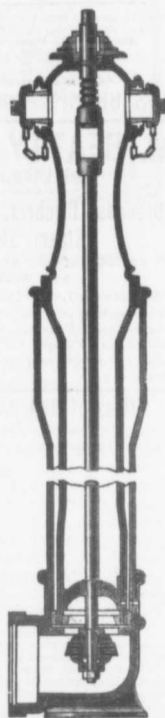
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