

street, cost \$18,200; Hazleton avenue, Yorkville avenue to Davenport road, cost \$9,770; Johnston's lane, Adelaide street to south end, cost \$840. Macadam roadways—Terauley street, Queen to College street, cost \$9,270; Queen's Park crescent, east side, Queen street College avenue to junction of said crescent with the road running north therefrom, to Bloor street, cost \$6,300. Concrete sidewalk on Church street, east side, King to Adelaide street, cost \$960.—The recommendation of the City Engineer to construct a 24 foot asphalt pavement on Brunswick avenue, from Ulster street to Bloor street, has been referred back.—At the last meeting of the York County Council a report was presented by the County Engineer recommending the building of a new steel bridge at York Mills, at a cost of \$11,000. The recommendation was adopted and the work will be carried out at once.—The ratepayers will be asked to grant the sum of \$275,000 to complete the city hall and court house.—A furnace will be placed in the Bay street fire hall, at a cost of \$900.—The Board of Harbor Commissioners have decided to repair and build an addition to the Deputy Harbor Master's residence on the Queen's wharf, at a cost of \$600. The light-houses are also to be improved.

FIRES.

Jas. Thompson's bottling works at Kingston, Ont., owned by R. J. McDowell, was damaged by fire recently. The loss is heavy.—The Nelson Saw Mill Company's mill at Trail, B. C., was destroyed by fire on the 27th of November. The loss is \$5,000, with no insurance.—The residence of A. G. McLean on Catharine street, Toronto, has been destroyed by fire. The loss is estimated at \$2,000, partially covered by insurance.—A saw mill at Two Rivers, N. S., owned by G. B. Barnhill has been burned. The mill and machinery was valued at \$10,000, half of which is covered by insurance.—A livery stable at Aurora, Ont., owned by G. Lemon, was recently burned; small insurance.—Hardy & Dubord's linseed oil and match factory at Quebec was completely destroyed by fire on the 1st inst. The loss is about \$30,000, partially covered by insurance.

CONTRACTS AWARDED.

BROCKVILLE, ONT.—O'Hara & Company, of Toronto, were the successful tenderers for \$20,000 of debentures, their figure being \$20,802.

ST. JOHN, N. B.—D. W. Clark has been awarded the contract to build a warehouse on North Rodney wharf, for C. H. Peters & Company.

NEW WESTMINSTER, B. C.—Layfield & Salt, of this city, have obtained the contract for erecting the buildings for John Peck's Foundry & Machine Works.

TORONTO, ONT.—The tender of the Jones & Moore Electric Company, for installing the electric light fixtures at the Horticultural Gardens, has been accepted. The figure is \$575.

GODERICH, ONT.—The tender of E. A. Cawsey and C. A. Humber for the construction of a sewerage system for this town was \$11,000, instead of \$10,000 as given in the RECORD of November 19th.

HALIFAX, N. S.—Power & Co. have been awarded the contract for placing heating apparatus in Keith's new building on Barrington street and George Wright's two buildings. The contract amounts to nearly \$10,000.

QUEBEC, QUE.—Contracts have been awarded as follows: A sacristy to be erected at St. Epiphane, Temiscouata—contractor, Thadee Bernier, of Cap St. Ignace. Finishing of a church at St. Leon of Standen—contractor, Jos. St. Hilaire; David Ouellet, architect.—Ten-

ders have been opened for Somerset church, but the award has not yet been made.—Building permits have been granted as follows: One house, two stories, brick front, on Bedard street, for J. A. Paquet—contractor, Mr. Cantin. One annex on Bayard street, for F. X. Lachance—contractor, Jos. Berube. Reparation of a house on Victoria street, for Geo. Bussiere—contractor, M. Fecteau.

MONTREAL, QUE.—The municipality of St. Louis du Mile End have let a contract to Bastien & Valiquette for the construction of sewers at \$17 per yard, and macadamizing and grading the streets at 70 cents per cubic yard.—Contracts have been awarded as follows: Eric Mann, architect, one house, five stories, to be erected on St. Paul st. for James Corestine Co.—masonry, Hagan & Stewart; brick, Jos. Brunet & Son; other trades not let. W. E. Doran, architect, modifications of a store on Chaboillez square for Thos. Lamb, contractor for all trades, J. B. Gratton.—Building permits have been granted as follows: Two houses, two stories, stone and brick, to be erected on Summerhill avenue, for D. N. Deslauriers—architect, Theo. Daoust; masonry, Latreille Bros.; carpenter and joiner's work, M. Baril; probable cost \$5,000. One building, 24 x 40 feet, wood lined with brick, corner Fullum and Nellada street, for Joel Blain. One house, three stories, 25 x 98 feet, brick front, corner St. Catharine and Mountain streets, for Alex. Scott—architect, David O'Gilvie; masonry, O. Martineau; estimated cost, \$15,000. One house, two stories, stone front, to be erected on Drummond street, for J. L. Morris—Robert Findlay, architect; masonry, Weighton & Morrison; carpenter and joiner's work, J. Allan; brick work, P. C. Wand; cost, \$12,000.

BUSINESS NOTES.

Joseph Bussiere, a well known contractor of Quebec, has assigned, with liabilities of \$33,360, and assets of \$11,869.

The St. John Bolt & Nut Works Company, St. John, N. B., have suspended payment, and a meeting of creditors has been called.

F. Gougeon, contractor, of Hull, Que., is reported to have assigned to Emanuel Tasse, with liabilities of \$10,000 and small assets.

SCAFFOLDING.

We have always been in favor of good, safe scaffolding, and in a building experience of more than thirty years, in which large numbers of men have been subject to our instruction, we have been fortunate enough to never have an accident to limb or body of any employee caused by defective scaffolds, says a writer in the National Builder. A little

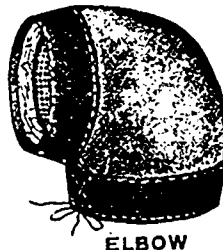
extra care and labor and a trifling additional expense, devoted to this important matter at first, will insure big returns on the outlay. Make a scaffold so secure that your workmen have full confidence in its ability to carry all that is to be put on it, with safety, and the workmen will do much more work and do it better than if they were compelled to crawl round on a rickety affair, that gives notice at every movement made that it is about to tumble down.

To scaffold for a frame building is not much of a task. Movable brackets with poles to raise or lower them are the handiest, and the best way, to prepare a scaffold for the outside work of wooden buildings, but for inside work they are not permissible, unless the floors are not laid, when the lower ends of the poles may run into the cellar or against the foundation walls. The bracket scaffold is so well known by every workman who has ever sided a house, painted an out-cornice or hung a gutter, that it is not necessary it should be described this time, though we may do so in a future issue, as there may be some readers who would like to know more about this sort of scaffolding.

In brick and stone buildings it is better to use round poles—spruce, tamarack or balsam—for uprights, with other poles "lashed" across them at proper heights. On these cross-poles, at suitable distances, lay a hardwood futtock—elm, oak or hickory—about "3 x 4," one end of which may rest in the wall and the other on the cross poles. On these futtocks planks or two thicknesses of boards may be placed, which will make a strong and substantial platform to work from and to carry the load of bricks, stone and mortar intended for it. This, of course, is intended for outside walls, but sometimes it may not be convenient to place the ends of the futtocks in the wall, then it is best to raise two series of upright poles, lashing cross poles to each series as described before, with the futtocks lashed to both series and to uprights and cross poles.

For inside scaffolding the same system should be followed, observing that the poles are well lashed together and that all the ropes—or lines as a sailor would call them—are in good order and sound. In inside work no futtocks are necessary, unless the work being done is close to the

(Concluded on Page 4.)



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