

will be a fine structure.—Mr. R. J. Carson is going to erect a large biscuit factory on Princess street.—Mr. Arthur Ellis, architect, is asking for tenders for the erection of a brick residence on William street.

STRATFORD, ONT.—It is the intention of the Myers estate to build a new white brick corner block here, 3 stories high to contain two stores, offices and lodge hall, estimated cost \$15,000. One store has been leased for a bakery, for which two patent ovens will be required. There will also be required hoists, hot water radiators, shop fixtures, &c. The plans are being prepared by David G. Baxter, architect; notice of tenders will be published later on.

LONDON, ONT.—The City Engineer has granted the following permits: G. C. Gibbons, addition to Robert Green's store, on Carling street, cost \$2,000; addition to Pocock Bros.' on Carling Street, for James Owrey, cost \$1,500; Richard Johnston, brick residence and frame barn, 15 x 30 feet, on York street, cost \$1,200.—The City Council is advertising its intention to construct an artificial stone sidewalk on the north side of King street, between William and Maitland streets.—The City Engineer is preparing plans for alterations to the city hall building, the estimated cost being about \$6,000.

HAMILTON, ONT.—The Hamilton Steamboat Company will erect a pavilion 100 feet square at Burlington Beach this spring.—Building permits have been granted as follows: Ed. Lindner, pair of two story brick dwellings on Grant avenue, between Main and Sunson streets, cost \$2,400; A. Hornick, two story brick dwellings on George street, between Queen and Ray streets, cost \$2,500; J. M. Lottridge, ten brick dwellings on Bay street, between Sheaffe and Melbourne streets, cost \$7,700; John Mallen, two story brick dwelling on Ashley street, between King William and King streets, cost \$1,000; Wm. Strong, brick dwelling on Ontario avenue, cost \$1,800; J. A. Studdart, two story brick dwelling at the north-east corner of Barton and Crook's street, cost \$1,000; Robert Raw, two-story brick dwelling on Markland street, between Bay and Caroline streets, cost \$1,800.—The Waterworks Committee has authorized the purchase of a heater for the pumping house, at a cost of \$1,320.

MONTREAL, QUE.—The site committee appointed to secure a site for the proposed Masonic temple are busy at work endeavoring to secure a suitable location. The sum of \$40,000 has been subscribed, about half the required amount.—The Market Committee will ask the City Council for an appropriation of \$12,000 with which to build a cattle shed at St. Gabriel's market. A new roof is also needed. The City Clerk will receive tenders until Tuesday, the 4th of April for the establishment of a patrol signal system for the city. Full particulars at the office of the Chief of Police.—The Montreal Street Railway company will build new car sheds and motive repair shops, at Hochelaga, a large stone office building on the corner of Craig street and d'Armes hill, costing about \$150,000.—The City Council is discussing the erection of an isolation hospital for the treatment of contagious diseases.—A committee was recently appointed to report on the sanitary condition of the City Hall, which report was presented to the City Hall Committee at its last meeting. It was resolved to report to Council in favor of the removal of the Police and Recorder's court and to recommend the building of a new court and police station where the old St. Gabriel church now stands. The sum of \$6,000 is to be asked to relay the drains with iron pipes, renovate the Mayor's parlor and make alterations in the finance department.

TORONTO, ONT.—At a meeting of the Industrial Schools' Association held last week it was decided to build a green house at the Victoria Industrial school at Mimico, at a cost of \$1,200. Mr. H. A. Massey contributing the sum of \$1,000 towards it.—The work of constructing the Toronto and Richmond Hill electric railway will be proceeded with at once, and the company expect to have the road completed to Newtonbrook before the summer is over. A new bridge will be constructed at York Mills.—The members of Broadview Avenue Congregational church have decided to erect a new brick edifice, to cost \$10,000 on the site of the present building.—The

governors of the General hospital have decided to build a new woman's and children's hospital on George and Stewart streets.—Mr. J. Bromwell's hotel at the corner of Bellwoods avenue and Queen street is about to be re-built. Mr. G. M. Miller, 18 King street E. will prepare the plans.—The Fire and Light Committee will ask the Executive Committee to provide the sum of \$15,000 for a new fire hall on Dundas street, and a similar amount for rebuilding the one on Berkeley street.—The particulars before the public of the proposed hotel to be erected on the northwest corner of King and Yonge are very premature. Nothing definite has been settled and no syndicate is yet formed.—Building permits have been granted as follows:—J. and D. Williams, 413 Gerrard street east, three attached two-storey and attic brick dwellings, south side of Macpherson avenue, immediately west of Yonge street, cost \$7,000; John Somers, Leslie street, pair brick extensions, west side Jones avenue, near Davenport avenue, cost \$1,000; Mrs. Bland, 115 McGill street, five attached two-storey and attic brick dwellings, east side Church street, north of Alexander street, cost \$9,000. A. J. Frost, 192 Howland avenue, two-storey rough cast dwelling and stable, northwest corner Hallam and Preston avenues, also green house, cost \$1,500.—Mr. M. Croake, corner of Richmond and Victoria streets, is proposing to build a small factory on Adelaide street.

OTTAWA, ONT.—Steps will be taken at once towards the erection of a new hospital for contagious diseases. Dr. Bryce Secretary of the Provincial Board of Health, estimates the cost of a suitable building at \$10,000. Several sites are under consideration.—A deputation from the united counties of Durham and Northumberland interviewed the Government recently asking a grant towards the reconstruction of the bridge over the Trent river at the Narrows in Seymour township.—The Hull City Council has appointed a committee to confer with a similar committee from Gatineau Point regarding the construction of the proposed bridge across the Gatineau river. It will be of wood, 1,700 feet long, having swinging span eight feet from high water, the cost is estimated at \$25,000. The exact location is not yet decided, but it will be probably from a point on the Gatineau side near the convent and 300 feet from the present ferry landing.—Mr. La-Fleur, chief engineer of the public works department has recently taken soundings in the River St. Lawrence with a view to building a bridge connecting Howe Island with the mainland, near Kingston. He will recommend that the scheme be considered favorably by the public works department. The bridge will be about 1,300 feet long and will be built on piles and iron spans.—The final supplementary estimates of the Dominion Parliament have been laid upon the table, among which are the following: extension of the North Sydney branch of the Cape Breton railway to the deep water terminus, \$20,000; the purchase of two locomotive engines, \$24,000; forming a new entrance channel into Sturgeon lake, \$4,000; swing bridge at Fenelon Falls, \$3,000; bridge over the old lock on the Welland canal, \$3,500; ship channel in the St. Lawrence river, \$80,000; new building for the lepers at Tracadia, N. S., \$15,000; extension of the electric light in the Ottawa public buildings, \$5,000; erection of a military store building at Winnipeg, and a new court house at Wolsley, N. W. T., \$12,500; a new post-office at Victoria, B. C., \$700,000; breakwater at Sours, P. E. I., \$20,000; wharf at Port Rowan, to complete, \$3,300; extension of piers at Port Stanley, \$12,000; new ferry scow at Burlington channel, \$1,500; removal of rock in River St. Lawrence, above Brockville, \$1,200; completion of channel at Owen Sound, \$5,000; Goderich harbor, additional amount, \$10,000; Hamilton harbor, dredging, \$6,000; Midland harbor, dredging, additional amount, \$2,500; repairs to breakwaters at Cobourg, \$1,000.

FIRES.

Mr. W. H. Hills brick grist mill at Sarnia, Ont., was almost completely destroyed by fire on the 22nd inst. The machinery and stock was also badly damaged. Loss, \$8,000, covered by insurance.—Lewis & Son's peg and last factory at Turo, N. S., was gutted by fire last week.—

Fire on north Main street, Winnipeg, on the 26th inst., destroyed Fould's block, the boot and shoe store of J. S. Douglas, Neilson's jewellery store, and Shelly's restaurant. Loss between \$40,000 and \$50,000, insurance \$15,000.—The residence of Mr. Duggan, on St. Antoine street, Quebec, was gutted by fire last week. Insurance, \$3,500 on the building and \$1,000 on furniture.—Mr. R. H. Best's dwelling at Bannockburn, Ont., was burned on Thursday last with all its contents. Loss \$1,600, insurance \$1,000.—The British hotel at St. Mary's, Ont., owned by W. Cosgrove, was badly damaged by fire on Monday last. The loss is covered by insurance.—The brick residences of Miss Preston and Mr. H. K. Fox, at Picton, Ont., have been destroyed by fire. The loss is \$1,000 and \$3,500 respectively.—The office of the Montreal Herald was completely destroyed by fire on Monday. In the same building were contained the offices and workshops of the Benaclack Lithographing Company, and Southam & Carey, printers. The losses are as follows: Herald Printing Co., \$40,000, partly covered by insurance, Benaclack Lithographing Co., \$25,000; Southam & Carey, \$10,000 to \$15,000. The building was owned by Duncan McIntyre, and was valued at \$50,000.

CONTRACTS AWARDED.

RYLESTONE, ONT.—The contract for building the new Presbyterian church has been awarded to Mr. Charles Dunk.

REGINA, N. W. T.—The contract for the new Windsor Hotel has been let by Mr. Howson to Mr. J. McCrie. It will cost about \$21,000.

BRANDON, MAN.—Mr. James Patterson will rebuild the Beaubier House, recently destroyed by fire. The contract price is in the neighborhood of \$12,000.

SHERBROOKE, QUE.—The contract for the Protestant Hospital has been awarded to Mr. G. G. Bryant. Messrs. D. G. Loomis & Sons will put in the mason and brickwork.

HULL, QUE.—Messrs. C. B. Wright & Sons have secured the contract for supplying stone from their Hull quarries for the construction of the Ontario, Arnprior and Parry Sound Railway bridge at Arnprior.

TORONTO, ONT.—The Board of Health have awarded the contract for heating the Isolation Hospital to Messrs. Purdy, Mansell & Mashinter at the price of \$2,640, and Mr. L. Sherlock secured the contract for plumbing, at \$1,118.

QUELPH, ONT.—Mr. J. Mahoney has awarded contracts as follows for the erection of a double pressed brick house on his property on Laverpool street:—Stone and brick work, Taylor Bros.; carpentering, R. Mahoney; plumbing, Walker & Mahoney; painting, Mr. Pass.

OTTAWA, ONT.—G. M. Bayly, architect, has awarded the following contracts for the erection of a residence for Ex-Ald. Hutchison, to cost in the neighborhood of \$10,000:—Masonry and brickwork, R. Cram & Son; carpentry and joinery, A. Sparks; plumbing and heating, Torney, Georgeson Co.; plastering, Kearns & Bennett; painting and glazing, J. Shepherd; roofing, J. Herbert & Son; Granolithic work, Canadian Granite Co.

HAMILTON, ONT.—The following are the successful contractors for the new Sunday school building for the First Methodist church. Masonry, George Webb; carpenter work, James Sage; painting, Wm. Barrett; plumbing, George A. Truman. New tenders will be asked for the plastering.—The Water Works Committee have accepted the following tenders for supplies:—Brass work, Dodson & Sutton; lead pipe, Wood, Vallance & Co.; pig lead, A. Hope & Co.; stop-cock boxes, Nie & Lynch; hydrants, Nie & Lynch; iron pipe, A. Gartschore; iron castings, S. J. Moore; water tanks, E. Faustmann.

WINNIPEG, MAN.—The contract for the erection of a new warehouse for Messrs. Carscaden, Peck & Co., on the northeast corner of Notre Dame and Princess streets, has been awarded to Messrs. Lumsden & Keele, at the price of \$30,000. The hot water heating and plumbing will be done by the Canadian Plumbing Co. The structure will be solid brick four stories high with stone basement. The plans were prepared by Mr. C. H. Wheeler.—The Provincial Government has let the contract for a large addition to the court house, to cost \$80,000.—The Canadian Pacific Railway Company has let the contract for the erection of four new depots along their main line between this city and the mountains, at Portage la Prairie, Brandon, Regina and Calgary. The successful tenderer is Mr. Tomp-

kins, of Vancouver, and the estimated cost is \$100,000.

MONTREAL, QUE.—Mr. W. McLean Walbank, architect, has awarded contracts as follows for the erection of a building on St. Charles Borromeo street, for Christie, Brown & Co.: stonework, W. L. Turner & Co.; brickwork, W. Peel; carpentry, Simpson & Peel; plumbing, Drapeau, Lavigne & Co.; painting, W. Young.—A. C. Hutchison, architect, has awarded the following contracts: a residence for W. W. Ogilvie at Lachine—brickwork, P. C. Dand; masonry, R. Wilson; carpentry, Hood & Son; plumbing, Hughes & Stephenson; plastering, J. Morrison & Son; painting, W. P. Scott; roofing, G. W. Reed. Protestant school on St. Urbain street—brickwork, W. Lavers; masonry, P. Lyall; carpentry, L. Paton & Sons; plumbing, Garth & Co.; plastering, J. Morrison & Son; roofing, G. W. Reed; painting, Alex. Craig; heating, Smead, Dowd & Co.—The contract for the base of the Maisonneuve monument has been awarded to Mr. Robert Reid, at the price of \$5,200. It will be constructed of New Brunswick granite.

COLORING OF ROOMS.

If the aspect of a room be north, north-east, northwest or due east, the general tone of the coloring should be positively warm. Blues, greens, etc., all shaded colors which involve any predominant use of blues, must be avoided.

In such aspects the choice should tend towards reds and all their various combinations with yellow.

As the aspect approaches east and west, so colors should verge towards yellow, rather than red tints. In an eastern aspect, tints of light yellows, lemon colors, etc., are always effective and cheerful.

If the aspect is south or southwest or west, and open to the sun, then we may venture on the use of cooler colors, even on positive blue.

Where the light is strong, unobscured and plentiful, the tone of coloring may be full.

Where the supply of light is small, the coloring should be light.

It should be borne in mind that full toned colors lessen the apparent size of a room, while light coloring enlarges it.

MUNICIPAL DEPARTMENT.

DESTRUCTION OF A PIPE SEWER BY QUICKSAND.

A 6-inch tile pipe sewer for the Government building at Owensburg, Ky., became stoppued recently, and was found that for a distance of 700 or 800 feet it was filled with quicksand. The sewer had to be abandoned and a new one constructed. It appears upon investigation that this expense was due to a failure to properly enforce the specifications and inspect the work when the original sewer contract was executed. The specifications provided that the pipe should be laid in open trench, have cemented joints and sustain a test while the trench was open. Instead of conforming to these proper and necessary provisions, the contractor was permitted to substitute for the open trench a more economical system of separate pits 6 feet long and 9 feet apart, from the bottom of which the pipes were driven from one to another through the earth without sufficient opportunity to cement or examine the joints. These joints were presumably distorted and open, if not actually broken by the hard usage to which they had been subjected. It must be evident that it would be impossible to thus secure good grade or alignment, and the impropriety of such imperfect methods seems so obvious that the expense incurred by the necessity of renewing the work would appear to be a just penalty to impose upon those responsible for the execution and acceptance of the imperfect work.

Brick pavements are to be tried in Glasgow, Scotland, according to *The Builder*. Hitherto granite, whinstone and wood have been used almost exclusively in that city, but now a specially prepared brick, known as the Omoa fire-clay, are to be tried. They are 9"x3"x5" in size, and will be laid on "a good, sound foundation." and everything done to make the