

## VOCATIONAL SCHOOL ERECTIONS RECOMMENDED BY SCHOOL TRUSTEES

### Will Ask Authority for Building of \$450,000 Structure in St. John.

A definite step toward placing St. John alongside up-to-date communities in the matter of vocational education was taken last night by the Board of School Trustees when they decided to ask the Vocational Board at Fredericton for authority to establish, equip and maintain a vocational school. It is estimated that the building, for which plans have been drawn by F. Neil Brodie, will cost \$350,000 and the land and equipment will cost another \$100,000. The building will have 40 class rooms and an auditorium which will seat 1,200.

#### Province Gives Aid

The new school will not cost the city \$350,000, nor the equipment \$100,000. It must be remembered that the provincial and federal grants will pay one quarter of the cost of the building, 50 per cent. of the cost of equipment, and 60 per cent. of the salaries of instructors, which is in itself a most important item.

#### Courses Provided For

The courses to be provided for in this proposed building were set forth as mechanical drawing, wood working, machine shop practice, a more extended course in domestic science and domestic arts, commercial work and such other classes as might best meet the needs of the community. A special meeting had been called to discuss the matter of vocational training and to hear the report of S. A. Worrell, acting superintendent of the schools, with regard to the information gathered on his recent visit to vocational schools in operation in Canada and the United States. The report of Mr. Worrell, which appears in full elsewhere in this paper, was given close attention and careful consideration.

Hon. H. A. McKeown, chairman of the Board, presided. Others present were G. H. Green, Mrs. D. P. Chisholm, Mrs. E. R. Taylor, A. A. McIntyre, Thomas Nadeau and H. Colby Smith, trustees of the board, Alexander Wilson and George P. Hennessey, of the former vocational committee, F. Neil Brodie, architect, S. A. Worrell, and A. Gordon Leavitt, secretary of the board.

In the discussion of the report special attention was given to the statements with regard to the schools at Windsor, London, St. Catharines, and Sarnia, as being located in the same population as St. John. Attention was drawn to the fact that in St. John the tax rate for schools was 95 cents on \$100, while in Sarnia the school tax rate is \$1.67.

**Approves Idea**  
Judge McKeown said it was quite apparent from the report that, in the matter of vocational education, St. John was not keeping pace with the times. Vocational education was just as important as cultural, and the present schools were very lopsided and neglected the lines which were as important if not more important to the state than academic training. He told of his recent visit to the composite school in Edmundston where academic and vocational subjects were taught side by side and he quoted from the journal published by the Edmundston school.

Judge McKeown expressed his agreement with the statement in the editorial in that publication which said that one of the chief purposes of education was to guide the adolescent in the choice of a profession and fit him for it. For himself, Judge McKeown said that he would sooner see further expenses along the line of vocational training than along the line of cultural training.

**Would Need Bigger Building He Says**  
In replying to a question from Mrs. E. R. Taylor, Mr. Worrell said that had seen but could not give an extended domestic science course with, in some cases, an art department and commercial art classes.

Mr. Neale asked whether a composite school might not be favored for St. John in view of the lack of accommodation in the High School. Mr. Worrell said that a larger building would be required for a composite school and it had been the experience elsewhere that attendance at collegiate (high) schools was not materially lessened by the establishment of vocational schools.

Mr. Brodie submitted the plans which he had prepared and said that the cost of \$350,000 was exclusive of land and equipment. It was thought that \$100,000 would be a rough estimate of the cost of equipment. George P. Hennessey recommended that in the design of the building the heating and plumbing systems should be so arranged that they could be used in teaching these subjects.

**Mr. Worrell's Report**  
S. A. Worrell, acting superintendent of the city schools, last night presented before the Board of School Trustees his report on his recent visit to vocational schools in cities of the province, Canada and the United States. As a result of information gleaned in that trip he drew the general conclusion that the establishment of vocational training increased school attendance, afforded special opportunity to a class of pupils that had not high school entrance standing, and stimulated interest in academic work by combining it with practical work.

He also was of the opinion that the pupils were more interested in practical work, that evening classes might be of special value to those engaged in industry, that the best facilities, equipment were essential to success, and that a sound general education in addition to practical work must be included in the course of study.

gard to visits to Vocational Schools in the month of December, 1923. Very valuable assistance was rendered in the visits to these schools by Mr. Fletcher Peacock, Director of Vocational Education in New Brunswick, and by Mr. A. W. Crawford, Director of Technical Education, Ottawa.

Schools in the following localities were visited: Toronto, Hamilton, St. Catharines, Niagara Falls, Guelph, Windsor, Detroit, Sarnia, London and Montreal.

Information was gathered with reference to such matters as the cost of buildings and equipment, plan of construction, size of site, cost of maintenance, course of instruction, number of pupils, entrance qualifications, part-time pupils, evening classes, effect on attendance in collegiate schools, and visits to the schools to industry.

I may say that I was greatly impressed with the progress which has been made in providing for vocational education in the Province of Ontario. Some indication of such progress may be found in the statement that vocational schools are being operated in seven localities, in addition to evening schools and commercial courses, and that the capital expenditure in the last three years has been \$5,000,000.

**Two Types Visited.**  
Two types of schools were visited—the technical or vocational school providing matriculation, technical, industrial, and preparatory courses, and the composite school in which the regular collegiate course, corresponding to the High School course here, and technical or vocational and industrial courses, were provided, but all under the direction of the same principal.

**Courses Followed.**  
Courses of Study—These included the Preparatory Course, Technical or Vocational Course, for boys and girls, Matriculation Course, Commercial Course, Industrial Course, Special Courses, and Part-Time Courses for adolescents.

While this will give a general idea of the vocational schools, it may be said that the plan followed was not precisely the same in all the schools visited. The Preparatory Course open to pupils of Four Book standing, which would correspond approximately to Grade VII. In some cases there is also an age qualification for admission to this course. Both academic and practical subjects are included and pupils may, after one or two years, qualify for admission to the technical course. They may also follow the industrial course. This course would seem to meet the need of pupils who have been unable to reach High School entrance standing, as it would enable them not only to continue work in subjects necessary to a sound general education, but would provide some training in practical or mental operations of industry as well.

**Other Courses.**  
The Matriculation Course, extending over four or five years, includes not only academic subjects necessary for preparation for admission to technical or industrial courses, but certain practical work as well.

A General Technical or Vocational Course which combines academic and practical work, and which is of value in assisting pupils to select an occupation, is followed by pupils who do not contemplate taking a university course. After one or two years pupils may be permitted to specialize along some line of work with a view to entering a definite occupation.

The Commercial Courses extend over a period of three or four years and provide for the equipment of pupils for various occupations, depending upon the size of the school and number of pupils. General subjects as well as practical are included in these courses.

With reference to the Industrial Course, I beg leave to quote from the prospectus of the Hamilton Technical Institute, page 19:—  
"Prospectuses and announcements of various educational institutions have been obtained to contain detailed information as to courses provided and the grounds covered by such courses. While it would not be practicable to refer to all these courses in this report, I beg leave to mention the following:

These schools, the equipment for teaching certain courses were found in practically all of the schools and hence it may be inferred that such may be regarded as fundamental. Among these courses may be mentioned Drawing, including Art and Mechanical Drawing; Woodwork, including the making of pieces of furniture from the pupils' own drawings or blue-prints, the use of lathe, planer, mortising machine and band saw, cabinet making, pattern making, etc.; Practice Arts for Girls, including household management, home nursing, cooking, sewing, millinery, dressmaking, etc.; Commercial Courses (when such are not included in the Collegiate School curriculum), Physics and Chemistry.

**Physical Culture.**  
Among other courses which might be mentioned are Electric Wiring, Motor Mechanics, Printing, Foundry work, Building Construction, (including carpentry, brick-laying, etc.) Oxy-acetylene Welding, Sheet Metalwork, Fine and Applied Art, Practice Arts for Girls, including household management, home nursing, cooking, sewing, millinery, dressmaking, etc.; Commercial Courses (when such are not included in the Collegiate School curriculum), Physics and Chemistry.

## Transformed By Treatment



They scarcely look like the same boy, do they? But these are the pictures of young Angus, the Junior Red Cross patient who was given surgical treatment for a very neck and received the first picture shows him in hospital after the successful operation. The second picture shows him as he is today, a happy and loyal Junior Red Cross member.

In November, 1923, the day registration in the Central Technical School was more than 2,000, and the evening registration more than 5,000. In the Riverside Branch Technical School the day registration was more than 600, the evening registration more than 1,700. In addition to these are two other branch schools having evening classes and also the commercial schools. In the High School of Commerce alone there were about 1,700 day pupils and more than 2,000 in evening classes. Some interesting statistics with reference to the cost of the schools in Toronto have been given in a recent report of the business administration.

**Co-ordinating Officer Employed.**  
In Hamilton an addition to the Technical Institute has recently been made. The site comprises about eight acres of land. Sixty teachers are employed on the day staff and about 70 on the staff of the evening school.

In the month of November there were enrolled 740 pupils attending full time and 674 part time pupils. Details as to the number of pupils taking various branches of the school have been received and may be given if desired.

**Cost of Schools.**  
With reference to cost of schools, I was advised that the general tax rate was 92 mills and the amount used for schools 11.9 mills, equivalent to a rate of \$3.20, and \$1.19 respectively, per \$100.

The cost of maintenance of the Technical Institute, I understood, is approximately \$200,000 per year. The addition of a city with a population of about 20,000, there is a fine new school of the composite type. The site is about six acres in extent. The cost of building, site and equipment was, I understood, about \$720,000. Building, \$460,000; machine shop equipment, \$21,000; woodworking shop, \$11,000.

There is an auditorium which, including the gallery, seats 1,069. The tax rate in St. Catharines is, so I am advised, 38 mills, equivalent to \$3.80 per \$100.

The total enrolment of pupils was 799—389 in the Collegiate Institute and 410 in the Vocational School. This attendance is of interest in view of the proportion which it bears to the population of the city.

**Composite Type.**  
At Niagara Falls, where the population is about 16,000, there is a school of the composite type. The addition for vocational purposes has been made recently at a cost of \$230,000 for building and equipment. The site is about six acres in extent. I was advised that the rate was about 40 mills.

The total school attendance was between 2,000 and 3,000. There were 240 in the collegiate department, 160 in the vocational department, and 48 pupils in the preparatory course. About one-half of the pupils in the vocational department were in the commercial course. It is interesting to note again the proportion of pupils taking secondary work. There is also an attendance of more than 400 at evening classes.

**Vocational and Collegiate.**  
In Guelph, where the population is about 18,000, a school of the composite type has recently been constructed at a cost of about \$500,000. The number of teachers is 23. There are about 700 day pupils and about 1,000 in evening classes. There are about 200 pupils taking the commercial course and 70 taking the industrial course. In the last mentioned department, the line is equally divided between academic work and shop work (including machine shop work, woodworking and electrical work).

Before the erection of the technical school the attendance at the collegiate school was about 500. It would seem as if the latter attendance had been after the introduction of the vocational courses.

There is an auditorium which will seat 1,500. The general tax rate is 37 mills.

**An \$800,000 School.**  
The Windsor-Walkerville Technical School has been erected recently at a cost of about \$800,000. The site is about six acres in extent. The population of Windsor is about 45,000, and of Walkerville 8,000.

In this school there were 26 teachers of day classes and more than 60 teachers of evening classes. In the preparatory or preparatory classes there were 68 pupils, in the commercial classes 408, and in the industrial about 200.

In the evening classes there were about 2,600 pupils. The girls from the commercial department take some work in household arts and the boys take mechanical drawing.

## LAST SURVIVOR OF NOTED FAMILY DIES

### Robert McFee Passes Away at Home in Sussex, Aged 87

The death of Robert McFee, of Sussex, yesterday morning, removed the last male survivor of a large family of note in shipbuilding and lumbering days in St. John and vicinity. Mr. McFee, who lived to the age of 87, was born in German Brook, where his father, William McFee, carried on extensive lumbering. Later Robert McFee was a successful lumber merchant in Hanford Brook. He retired from business in 1900, and went to live in Sussex, where he owned a fine property and was a leading citizen and an active member of the Methodist church, near which he resided. He was a past master in the Masonic order and a member of the Independent Order of Foresters.

Mr. McFee was married twice. Six of his children survive, three sons, G. H. and Fred W. McFee, of Boston, and Ernest, of Canmore, Alta.; three daughters, Mrs. J. H. Titus, of Moose Jaw, Sask.; Mrs. L. A. Langstaff, of this city, and Miss Margaret McFee, two sisters, Mrs. John Burgess and Miss Sarah McFee, of this city. His first wife was Miss Elizabeth Crockett, daughter of Mrs. W. S. Clawson, of this city, and mother of the children mentioned.

Miss Clara O'Leary was his second wife. She is a sister of Mrs. John B. Gough, wife of the pastor of the Methodist church in Hillsboro, Albert county. Mrs. McFee was assisted in nursing her husband through his last illness by his daughter, Miss McFee, who is a trained nurse of large experience.

## AT 42 RETIRES; HIS BUSINESS TO CLERKS

### John Borg Proves Most Generous Santa Claus Wall Street Has Known.

New York, Dec. 23.—John Borg breaks all Christmas present records by turning over a business which he spent 28 years to build, to three young and trusted employees on his staff. The generous Santa Claus Wall Street has ever seen.

He is only 42 years old, a calm, quiet man, who has made the bulk of his big business easily and whom Wall Street has failed to jar out of good nature. Now he wants to rest, break par at golf and enjoy his life running a newspaper.

The recipients of this unusual Christmas present are John Borg's nephew, formerly a quotation clerk, and will continue to run the business and will continue to run the business and will continue to run the business.

Mr. Borg outlined his plans to his three employees three years ago and decided to stay in order to make sure that the business would not go to "pot." He also wants to spend more time with his children, Donald, 15, and Dorothy, 14.

Borg's first job in the financial district was at \$4 a week for the Street. He was successful as a market operator and acquired a few thousand dollars. What more would I have than I have now? I have laid away more than enough to keep me in luxury, if I wanted to live that way for the rest of my life, but my tastes are not expensive.

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## SWISS INVASION OF DOMINION MARKET

Toronto, Dec. 27.—Active invasion of the Canadian market by Swiss manufacturers insofar as engineering products are concerned, is being aided by the visit to this country of M. E. Wolgensinger, of Zurich, who is at present in this city representing one of the largest manufacturers of water turbines and other industrial machinery.

## SUSSEX MASONS' INSTALLATION

### H. H. Reid, Worthy Master, and George W. Jones, Secretary

Sussex, Dec. 27.—The officers for the ensuing year of Zion Lodge, F. & A. M., No. 21, were installed this evening by George Wolgensinger, assisted by Worthy Brother H. E. Gould.

The officers are as follows: H. H. Reid, W. M.; G. B. McKay, I. P. M.; Eldon Robinson, S. W.; George Cogan, Jr., J. W.; Worthy Brother J. T. Kirk, treasurer; George W. Jones, secretary; G. Percy Bolton, chaplain; J. D. R. T. Pearson, S. S.; H. W. Black, J. S.; Worthy Brother W. P. Myles, D. G.; B. M. MacAlary, I. G. G.; R. L. Willis, Tyler.

## BODY RETURNED FROM HALIFAX

### Some of Internal Organs of N. Soares Sent Here For Analysis

Moncton, Dec. 27.—The body of Nicholas Soares, forwarded from here to Halifax on Christmas day, was returned to Moncton this morning. Interest will probably be made here.

Soares, a colored man, died in Moncton police station a few days ago, shortly after having been taken in for protection. It was thought that he had relatives in New Bedford, Mass., according to papers found on the body. Telegrams were sent to this address but no replies have yet been received.

A Halifax man named Sasso, upon reading a despatch from Moncton, asked to have the body forwarded to that city as he thought it was that of his son. Upon arrival of the body at Halifax it was unidentified and ordered returned to Moncton.

Some of the internal organs of Soares were forwarded to St. John for analysis by the provincial pathologist, Dr. Harry L. Abramson. When his report reaches Moncton the inquest will be concluded.

## NEW YORK GIRL TO BE PRINCESS

### Copenhagen, Dec. 27.—King Christian today consented to public announcement of the engagement of his young kinsman, Prince Viggo, and Miss Eleanor Margaret Green, daughter of Dr. J. O. Green, of New York city.

Prince Viggo, uncle of King Christian and Count of Rosenborg, celebrated his 80th birthday on Christmas. Viggo has relinquished all possible claims of succession to the throne.

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## KNOWS OF NO OTHER CASE IN DOMINION

### Dr. Beland Sends Congratulations to Parents of Mahaney Quadruplets.

The four little babies which were a Christmas present at the home of Mr. and Mrs. W. T. Mahaney, St. James street, are in very fact the first quadruplets born in Canada so far as Hon. Dr. H. S. Beland, Federal Minister of Health, is aware. A telegram received by the Telegraph-Journal yesterday was as follows:

"Reply your wire of yesterday. Do not know of any other case in Canada. The achievement is wonderful. Congratulations to the parents."  
H. S. BELAND.

All of the four babies and their mother were reported last evening to be thriving well. Friends were glad of the honor of presenting much clothing for the little quartette. Dr. Stanley Bridges said last night that care in the diet for the children was the great thing to be considered at this time and that the children were all progressing satisfactorily.

The suggestion has been made that since St. John has been so well distinguished in being chosen as the birthplace of the little strangers that the city should contribute a bounty of \$500, an amount similar to that presented to Miss Canada.

The first literature of England was of the sea.

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