

DIAMOND DYES

EASY TO USE, BRIGHTEST AND BEST.
ASK FOR THE "DIAMOND."

All Druggists and Dealers. TAKE NO OTHERS.

Notice To Contractors.



Sealed separate or bulk tenders will be received by the undersigned until five p. m. of the 17th inst., for the several works required in the erection of New Market, Municipal Building and Police Station, viz., mason work, carpenter work, metal work, slating, plumbing and heating, painting and glazing, etc.

Plans and specifications can be seen at the office of T. J. Butley, Architect, 100 King St. East, Chatham, Ontario, and at the office of the undersigned and marked "Tender for New Market," each tender to be accompanied by an accepted bank cheque, made payable to the city clerk, equal to ten per cent. of the amount of the tender, to be forfeited if the party declines to enter into a contract or if they fail to complete the work they contract for. If the tender is not accepted the cheque will be returned.

The lowest or any tender not necessarily accepted.

JAMES KING,
Chairman of Building Com.

CANADIAN PACIFIC

EASTER SINGLE FARE!

Running April 20, 21, 22, 23, 24, Returning Until April 25th.

Between all stations in Canada, Port Arthur, Sault Ste. Marie, Mich., Detroit, Mich., and East, and to Buffalo, N.Y.

Full particulars from Canadian Pacific Agent, W. H. Harper, Chatham, or write C. B. Foster, D.P.A., Toronto.

WABASH

Easter Holiday Rates, 1905

The Wabash will sell round trip tickets at single first class fare between all stations in Canada on the Buffalo Division, good going April 20th to 24th inclusive, good to return April 25th, 1905.

Low rate one-way tickets on sale daily until May 15th to the South and West. Special low rates excursions to the Pacific Coast, good for ninety days with stop over privileges, on sale April 9th to 14th inclusive. The Wabash is the shortest, best and most direct line to all Pacific Coast points.

Full particulars from any Railroad Agent, or J. A. Richardson, District Passenger Agent, North-east Corner King and Yonge streets, Toronto, and St. Thomas, Ont.

W. E. RISPIN, C. P. A., Chatham
J. C. PRITCHARD Depot Agent.

GRAND TRUNK RAILWAY SYSTEM

74.90
Los Angeles and San Francisco, Cal.

Going April 9th to 14th, returning within 90 days.

SINGLE FARE FOR EASTER HOLIDAYS

Good going April 20, 21, 22, 23 and 24, returning until April 25th 1905. Between all stations in Canada, also Detroit and Port Huron, Mich., Niagara Falls, Susquehanna and Buffalo, N. Y.

W. H. RISPIN, Town Agent,
115 King St., Chatham, Ont.

Invitation Cards, Programmes, Pencils, etc., can always be obtained at THE PLANET Office

LIFE IN A ROLLING MILL.

Handling Big Chunks of White Hot Metal and Rolling It Into Bars is Strenuous Work.

Do you love the strenuous life. Would you like a taste of it? Then go to a rolling mill, get to work, and you will find the real article that so many people talk about, and so few really like to live.

Only men of might and muscle, men who are quick to think and quick to act, can "make good" in a place where great chunks of iron are heated in huge furnaces until they are white hot, and then by the process of rolling are converted into symmetrical bars or rods, and made ready for the bolt-maker.

Windows Wide Open.

There is no place like a rolling mill for building up a rugged and hardy physique. It makes men tough. When a Toronto Star reporter took a walk through the mill of the Toronto Bolt and Forging Co. at Sunnyside one day recently the men were at work, and evidently keeping warm, although some of them were clad only in a single suit of underwear, trousers, boots, and hat. The mill is no hot-house, for it is open to the winds on all sides, and the mercury was hovering about ten or twelve degrees below the zero mark, yet these sturdy, hardy fellows were evidently unconcerned by the bitings of Jack Frost.

The men in the mill get to work about 5:30 in the morning, and are generally through at 4 or 4:30 in the afternoon. They prefer to get an early start, and as they have to work almost continuously, they eat their luncheon whenever they get a chance.

A Picturesque Process.

The process of rolling out the iron into bars and rods is a most picturesque one, particularly at night when the glare of the red-hot metal seems brighter than usual. The work is done so swiftly that the iron, after passing and repeating through the rollers some sixteen times, is almost as hot as when taken in a chunk from the furnace. There are two mills through which it passes, the "roughing" mill, the "finishing" mill. It goes into the first a solid block, about six or eight inches thick and two feet long. In the mill there are a number of grooves, and a man stands at each side of the machine, armed with long tongs. The iron is fed back and forth from one side to the other into grooves of decreasing size, until when it leaves the roughing mill it is perhaps eight or ten feet long and much thinner than before. Then it is fed into the finishing mill, and squeezed to still greater length, sometimes even to 100 feet. The average length is 60 or 70 feet.

Iron Like a Rope.

When passing through these finer rolls the iron becomes almost like a rope. Pliable, twisting, turning, it runs like a worm between the rapidly revolving rollers, and stretches itself, sometimes in coils on the floor. For people who are not used to the sight of the required size, and comes out into a long narrow coil, where it must run straight. Then the men come along with the tongs and lay it out into a floor of iron plates. When it is cold enough to handle, each long bar is cut into lengths of fourteen feet, and afterwards carted to the bolt works at Swanton.

Sometimes there is a gorgeous pyrotechnic display when the iron is first fed into the rolls. Sparks fly to the roof, and the natural fireworks are often more brilliant and beautiful than the artificial variety. This is particularly true of certain qualities of iron, which, when entering the grooves of the rolls, make a crashing noise like the roar of a cannon.

There's Danger In It.

The men who handle these bars of iron must be quick and careful, for a twist or a turn of a red-hot bar might put a scar on a man for life. Men who throw hot iron about must have iron nerve.

The iron rolled out so neatly is all made from scrap, which is sold to the mill by junk dealers. A large proportion of it comes from the sides of the mill. This is thrown into the furnaces, rolled into balls weighing probably 200 lbs., and carried by a crane from the furnace to the "squeezing" machine. This squeezing is really a small enough to go into the grooves of the rolls.

It is very important that the rolls be kept true. The least variation spoils the size of the bars. Sometimes it happens that the iron is too big for the grooves, and then comes a crash. It is generally the couplings that burst in this event, and the machine is so arranged that the rolls, which are the most valuable part of the outfit, are saved at the expense of the other parts of it.

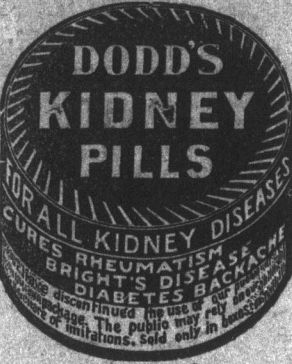
A great deal of power is necessary to run a rolling mill. In the one in question there is a 250-horse-power engine, another of 350-horse-power, and four smaller ones. The quantity of water needed is also great, for the rollers must be fed with water, and the rolls must be kept cool. There is almost a net work of water and steam pipes in the mill.

Twenty-five tons of coal are burned every day in the record of the mill for the past few weeks of cold weather, when it was harder than usual to keep steam up.

The rolling mill, in point of heat is the summer months, is probably only second to Hades itself. "We open her up then, though," said the Manager, referring to this point, and meaning by that statement the sides of the mill were opened as much as possible, and that the mill consisted mainly of a roof when the weather was very warm. It is not so warm, however, that the men in the mill dread most. It is the scorching heat of the dog days that kills them.

Electric Ears For Ships.

Ships will soon have an apparatus that will hear the approach of a torpedo boat that the captain cannot see or that will hear the sound of the fog bell or the waves beating against a dangerous rock on a stormy night. The electrical ears are more sensitive than human ears, because the sounds they will hear are sounds which travel under water, a medium which transmits sound better than air. It is the superiority of the water as a sound transmitter that has brought about the new invention.



CHURCH CHIMES

HOURS OF SERVICE.

Holy Trinity—11 and 7.
Christ Church—11 a.m., 7 p.m.
First Presbyterian—11 and 7.
St. Andrew's—11 and 7.
St. Joseph's R. C.—8:30, 10:30, 7:30.
Victoria Ave. Methodist—11 and 7.
William St. Baptist—11 and 7.
Park St. Methodist—11 and 7.
Seventh Day Adventists—3 and 7.
Latter Day Saints—11 and 7.
Campbell A. M. E.—11 and 7:30.
First Baptist—11 and 7:40.
St. John's A. U. M. F.—11 and 7.
British Methodist—11 and 7:30.
Union A. M. E.—11 and 7:30.

Pastors and others who contribute news items to this department of Saturday's Planet will confer a favor by marking to it that their "copy" reaches this office not later than Friday at 4 p. m. Matter received later than that hour cannot be guaranteed insertion.

International Bible Lesson for To-morrow.

The Supper at Bethany.—John 12, 1-11.

Golden Text—"She hath done what she could."—Mark 14, 8.

There never was such a supper as this before or since, with a healed leper as the host and Lazarus called from death and corruption back to life and health, his sisters and Jesus' disciples all met to honor their Lord and be honored by Him.

The occasion was sensational and uncommon, and from curiosity came to Bethany. The difference of disposition in Martha and Mary shows itself again—Martha's faithful activity, Mary's quiet, loving sacrifice of her precious hour of epiphany (worth about fifty dollars) which she had kept to anoint her Lord for his burying. Note the diversity of attitude toward Jesus in our lesson.

Simon, the leper, gave the supper to honor Him, Lazarus and his sisters adored him. His disciples indignantly thought it waste to spend so much on Him; Judas, thief and hypocrite, wanted Judas to sell Jesus for thirty pieces of silver. Between these two extremes whereabouts comes in our treatment of Jesus Christ? Teacher, will you daily pray until the answer comes—Oh, Lord, send a revival and begin it in me, for Jesus' sake. Amen!

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Promises—Acts 2, 17, 21; Rev. 22, 17; John 14, 12-14; John 15, 7, 16; 1 John 4, 21, 22, and many more.

SPECIAL NOTICE!

Owing to next Friday being a holiday (Good Friday) in the Planet office, as elsewhere, it will be absolutely necessary for the pastors of the several churches to have their "Church Chimes" copy at this office not later than four o'clock on Thursday afternoon, April 20th; otherwise their insertion cannot be ensured. Choir directors wishing to insert the musical part of the services for Easter Sunday must have their "copy" in by Thursday noon of the same date. Kindly take pains in writing proper names!

CHURCH NOTES.

First Presbyterian.
Rev. A. H. MacGillivray, pastor, will occupy the pulpit on both occasions to-morrow.

Bible Class and Sunday School to-morrow afternoon at 3 o'clock.

Regular weekly prayer meeting on Wednesday evening at 8.

Young People's meeting on Friday evening at 8.

Christ Church.

Rev. Robt. McCoach will conduct the services and preach on both occasions to-morrow.

There will be an early celebration of the Holy Communion to-morrow morning at 8 o'clock.

Bible class for young ladies at 3 o'clock; Bible class for young men at the same hour.

Sunday School is held every Sunday afternoon at 3 o'clock.

The members of Christ Church Junior Guild meet every Monday evening in S. S. Hall at 7:30.

The following will be the order of special services in addition to regular Sunday services in Christ Church for Lent:—Holy Communion every Sunday morning at 8 o'clock; divine service every Tuesday night and every Thursday night at 8 o'clock; litany every Friday afternoon at 4:30.

St. Andrew's.

The pastor, Rev. Dr. Battibay, will preach both morning and evening to-morrow.

Bible Class and Sunday School to-morrow afternoon at 3 o'clock.

Regular weekly prayer meeting on Wednesday evening at 8.

Victoria Ave. Methodist.

The anniversary of the re-opening of the church will be celebrated to-morrow. Sermons will be preached by the pastor, Rev. F. E. Mallett, the morning theme being "Religious Enthusiasm," and in the evening, "Kings and Priests Unto God."

Classes meet to-morrow morning at 10 o'clock and 12 noon.

Bible Class and Sunday School to-morrow afternoon at 3 o'clock.

Sunday School is held every Sunday afternoon at 3 o'clock.

Holy Trinity.

The pastor, Rev. J. W. Hodgins, will conduct the services and preach on both occasions to-morrow.

Divine service will be held in Holy Trinity on Wednesday evening at 8.

The Epworth League meets on Friday evening at 8 o'clock.

William St. Baptist.

Rev. J. W. Hoyt, the pastor, will preach at both services to-morrow.

Morning subject, "The Power of Great Prayer." Evening subject, "Furious Driving."

Prayer meeting to-morrow morning at 10.

Sunday School and Bible Class to-morrow afternoon at 3.

Regular weekly prayer meeting on Wednesday evening at 8.

The B. Y. P. U. meets in the lecture room every Friday evening at 8.

Park St. Methodist.

Sunday School Anniversary.—Rev. R. D. Hamilton, of Petrolia, will preach at both services. The S. S. will occupy the galleries in the morning.

Meetings for Christian fellowship to-morrow morning at 10 o'clock, in S. S. Hall.

Bible School at 3 p. m. Sunday School in S. S. Hall, Bible Class in the Church, Young Men's Club in the Vestry.

Mid-week service Wednesday evening at 8.

Young Men's Club Tuesday evening at 8, in S. S. Hall.

Epworth League Monday evening at 8, in S. S. Hall.

Reading Circle Friday evening at 8 o'clock in S. S. Hall.

Latter Day Saints.

Services will be held to-morrow at the usual hours.

Sunday school to-morrow afternoon at 2 o'clock.

Prayer service at 3 o'clock to-morrow afternoon.

Regular weekly prayer meeting on Wednesday evening at 8.

Religious Society meets on Sunday evening at 8 o'clock, immediately after evening service.

Salvation Army.

Salvation Army, Union Depot—Knee and at 7 a. m. meeting for promotion of holiness at 11 a. m. Christian fellowship meeting at 3 p. m. soul winning service at 7:30 p. m. All services for citizens and soldiers.

Campbell A. M. E.

Rev. T. H. Henderson, the pastor, will hold special revival services to-morrow, preaching in the morning on "Christ Our Advocate," and in the evening on "The Propagation of the Gospel."

Converts' consecration service, led by Mrs. M. E. Henderson, at 6:30 p. m. to-morrow.

Sunday school will meet to-morrow at 3 p. m.

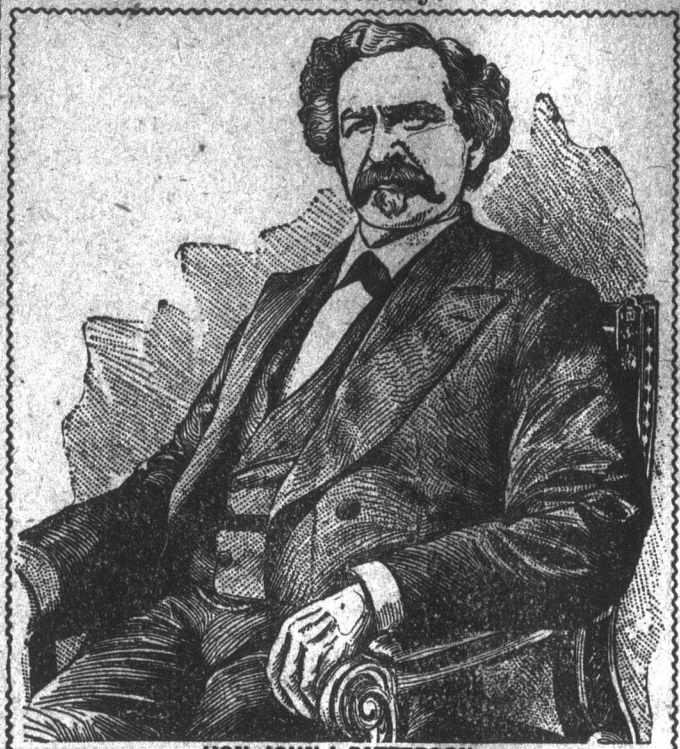
Union A. M. E.

Services to-morrow as usual at 11 a. m. and 7 p. m.

Sunday School will meet to-morrow at 2:30.

UNITED STATES SENATOR FROM SOUTH CAROLINA

Recommends Pe-ru-na—Other Prominent Men Testify.



HON. JOHN J. PATTERSON.

Hon. John J. Patterson, Ex-United States Senator from South Carolina, in a letter from 37-8 Chestnut street, Philadelphia, Pa., writes:

"As quite a number of my friends have and are using Peruna as a catharr cure with beneficial results, I feel that I can safely recommend it to those suffering from that disorder."—J. J. Patterson.

Commodore Nicholson of the U. S. Navy.

Commodore Somerville Nicholson, of the United States Navy in a letter from 1837 R Street, Northwest, Washington, M. D.

D. C., says:

"Your Peruna has been and is now used by so many of my friends and acquaintances as a sure cure for catarrh that I am convinced of its curative qualities and I unhesitatingly recommend it to all persons suffering from that complaint."—S. Nicholson.

U. S. Minister to Guatemala.

Dr. W. Godfrey Hunter, U. S. Minister to Guatemala, and ex-member of Congress from Kentucky, in a letter from Washington, D. C., writes:

"I am fully satisfied that your Peruna is an efficacious remedy for catarrh, as I and many of my friends have been benefited by its use."—W. G. Hunter, M. D.

Well known man of dignity and prominence in the United States endorse and recommend Peruna for catarrh.

If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case, and he will be pleased to give you his valuable advice gratis.

Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

Regular weekly prayer meeting on Wednesday evening at 8.

Class meeting in connection with the A. U. M. P. Church is held every Tuesday evening.

First Baptist.

The pastor, Rev. T. Jesse Henderson, will conduct the services and preach on both occasions to-morrow.

Sabbath School at 12:30.

Prayer meeting every Wednesday evening at 8 o'clock.

British Methodist.

Services will be held to-morrow at the usual hours.

A. U. M. P.

Services will be held as usual to-morrow.

Regular weekly prayer meeting on Wednesday evening at 8 o'clock.

Hair Vigor. You know gray hair adds twenty years to your looks! Then restore the color; keep young! Stop your hair from falling out and make it grow long and heavy.

Professor Dorenwend.

America's Greatest Hair Goods Artist. He is Coming to CHATHAM.

GARNER HOUSE.

TUESDAY, APRIL 18TH.

This visit gives you a chance to consult PROF. DORENWEEND about your Hair and to choose from the stock of Hair Goods, which he carries with him—just what you require. You can try on any Switch, Bang, Pompadour, etc., and see just how it will look.

PROFESSOR DORENWEEND can be depended upon to sell you only first quality Hair Goods. You are not forced to buy because you call to see and examine these goods.

Baldness.

As all men know, disfigures and adds an aged expression to the face. Why remain bald when Professor Dorenwend can fit you with a WIG or TOUPPEE, which will hide all traces of Baldness and take the place of your own hair? Doctors recommend these Toupees as a preventative for colds in head, catarrh and neuralgia.

PROFESSOR DORENWEEND will fit you on the spot and show you just how you look afterwards.

LADIES—READ THIS!

You will never have a better opportunity to see for yourself the beautiful assortment of SWITCHES, BANGS, POMPADOURS, WAVES, WIGS, etc., which Professor Dorenwend carries with him.

Remember the Date and Don't Fail to Call at the Hotel and See PROFESSOR DORENWEEND.

IF YOU CANNOT CALL, WRITE FOR PROF. DORENWEEND'S CATALOGUE—IT'S FREE.

THE DORENWEEND CO. of Toronto, Ltd.

103 and 105 Yonge St., Toronto