

## 25c DRESS GOODS at 10c

Strictly all wool suitings, part wool camel's hair effects, in plaids and stripes and zibeline plaids, especially adaptable for waists, skirts and children's dresses, all on sale on bargain square at clearing sale price.

10c

# J. L. BRANDEIS & SONS

"BOSTON STORE"

TOMORROW THE GREATEST BARGAINS OF OUR

## GREAT CHALLENGE CLEARING SALE

More than double the amount of merchandise offered at any previous sale in our history. The price reductions will cause the most sensational sale ever known to Omaha merchandising. Odd lots and broken lines at a mere trifle of their value. Extra salespeople have been employed and every arrangement made to give ease and satisfaction to purchasing.

## Grand Dress Goods Clearance

Swellest Goods of the Year at Sweeping Reductions

## 89c DRESS GOODS at 39c Yard

All our imported 44-inch wide cords in reds, blues and blacks, the new mohair basket plaids, bright colorings for waists and children's dresses, all wool albatrosses, in cream and evening shades, suitings and homespun in grays, castors and blues, all on sale at, per yard.....

39c

## 69c DRESS GOODS at 25c Yard

This includes strictly all wool flaked homespun and suitings, all wool knickerbockers, poplins, jacquards, basket cloths, polka dot armures, albatrosses, all shades—pinks, light blues and creams. The above are all guaranteed 69c quality—clearing sale price, per yard.....

25c

## \$1.00 DRESS GOODS at 49c

56-inch Panama cloths, canvas estamines, Scotch worsteds, zibelins, mistralis, burr and volle estamines, storm serges, chevots, illuminated diagonal cloth and mohair crepons. Every yard guaranteed to be worth \$1.00—more on sale on bargain square, at clearing sale price, per yard.....

49c

## \$1.25 DRESS GOODS at 69c

The highest grade of imported armures, prunellas, taller suitings, broadcloths, granites, twine estamines and canvas estamines, mohair husters and unfinished worsteds. All on sale on bargain square at clearing sale price—per yard.....

69c

## Challenge Sale of Lace Curtains

Monday morning we will inaugurate one of the most colossal sales of lace curtains ever attempted in Omaha. For immense quantity, fine quality and low prices we can say with confidence this will be the greatest money-saving sale ever held in the west, even by ourselves.

In addition to our own great lace curtain stock, our eastern representative has just closed a deal for the whole accumulated stock of an eastern importer at less than 50 cents on the dollar. The whole stock, comprising thousands of pairs, goes on sale Monday at such wonderfully low prices that even if you don't need them now it would pay you to buy them as an investment and put them away until you do need them.

## \$3.00 CURTAINS at 49c Each

We will offer about 3,000 pairs of elegant curtains in all the latest designs and fine Brussels weaves, all full length and width, and worth up to \$3.00 a pair, and not a pair in the lot worth less than twice what we ask for them—on sale Monday at, each.....

49c

## \$5.00 CURTAINS at \$1.98 Pair

This lot comprises about 1,500 pairs of the finer grades of Nottingham, elegant Cable Nets, Domestic, Arabians, Ruffled Nets with wide lace edge and insertion—worth up to \$5.00 a pair—every pair a decided snap—on sale Monday at, per pair.....

1.98

## \$7.50 CURTAINS at \$3.98 Pair

In this lot go all the finest goods in the big importer's stock as well as hundreds of pairs of elegant curtains from our own stock, such as Real Brussels, Irish Point, heavy corded Arabians, elegant Cable Nets and Point-de-Calais, and actually worth up to \$7.50 a pair—all go in one big lot Monday at, per pair.....

3.98

## \$1.00 VELOURS for 39c

Monday we offer 2,000 yards of the very finest grades of velours in an endless variety of bright, handsome patterns, suitable for upholstery, chairs, couches, etc., etc. Actual value \$1.00 a yard—challenge sale price, at, per yard.....

39c

J. L. BRANDEIS &amp; SONS. BOSTON STORE

## 1,100 PIECES OF LACE

Bought of the Marine Underwriters

Bought from the Marine Underwriters 1,100 pieces of laces and insertings slightly damaged by sea water in transit. These are all new laces and strictly up-to-date patterns, as they arrived in this country less than twenty days ago.

As these laces were slightly damaged we secured them at just one-quarter their real value.

In most instances the damage was so slight as to be unnoticeable. This will be one of the grandest bargains in laces that we have ever been able to offer. These laces have been exhibited in the window for the past week where they have been greatly admired.

This lot consists of the finest English Torchon and French Valenciennes laces and insertings in all widths and matched sets, and many worth as high as 20c a yard. Will be sold at about one-third regular price.

## On Four Large Bargain Squares

1 $\frac{1}{2}$ c<sub>y</sub> 2 $\frac{1}{2}$ c<sub>y</sub> 3 $\frac{1}{2}$ c<sub>y</sub> 5c<sub>y</sub>

## Sensational Selling of Embroideries

Immense lots of all kinds of the finest embroideries and insertings ever shown in Omaha. Many of these are sample strips. They come in sissie, narnsook and cambric, many neat and dainty patterns, also a large assortment of wide, showy embroideries. Greatest display ever seen west of New York City, worth regularly up to 35c a yard, during this special sale at—

2 $\frac{1}{2}$ c. 5c, 10c and 15c a Yard

## Challenge Clearing Sale of Cloaks &amp; Furs

**\$27.50 Novelty Coats at \$12.50**  
The odds and ends of our finer silk Monte Carlos, Valour Blouses, etc., that have sold as high as \$27.50, at..... **12.50**

**\$12.50 Monte Carlos at \$3.85**  
Jackets and Monte Carlos, silk and satin lined, some with high fur storm collars, that sold up to \$12.50, at..... **3.85**

**\$8.00 and \$10.00 Cloaks and Jackets at \$1.98**—A fine assortment of 10-27-30 and 44-inch cloaks and jackets, many silk and satin lined, actually sold up to \$10.00, at the unheard of price of..... **1.98**

**SILK SKIRTS—Odds and ends of fine stock that sold as high as \$15.00—Special, at.....** **5.98**

**\$5.00 Golf Skirts at \$1.98**—Closing out our odds and ends of golf skirts, all correct styles and colors, have sold at \$5.00, special, at..... **1.98**

**FOUR BASEMENT SPECIALS**

**\$22.50 & \$29.00 Astrachan and Electric Seal Jackets, closing out at.....** **11.90**

**\$20.00 Astrachan Capes—30 in. long, glossy curl, at.....** **9.50**

**\$100.00 Persian Lamb Coats, Baum Martin Reverses, Ladies' \$7.50 and \$9.00 Tailored Suits at.....** **\$59**

**Ladies' Tailored Suits, worth up to \$22.50, at.....** **9.98**

**\$50.00 Near Seal Jackets, at.....** **39.00**



Ladies' Tailored Suits, worth up to \$22.50, at.....

## NEW UNION PACIFIC SHOPS

Detailed Description of the Plant Now Being Constructed.

## MAMMOTH HIVE OF INDUSTRIAL ACTIVITY

Huge Buildings to Be Filled with the Latest Machinery and Surrounded by a Beautiful Park and Grounds.

When the Union Pacific's new Omaha shops, with their twenty-four different departments and numerous structures, are completed, and President Burt gets all the spare ground, including his forty-acre farm which adjoins the shop site on the northeast, transformed into a series of beautiful parks—as he says he is going to for the edification of the employees—it will seem that Omaha has extended its limits to include another attractive suburban town.

Already the largest and most important buildings are up and in use. The area covered by the shops is so wide, the buildings so large, the number of men required to operate them so great and the spirit of activity will be so intense, that it really will seem like a new village has suddenly sprang up, when this mammoth plant is complete and in full operation.

No one appears to know just when that will be. President Burt has said spring will see the completion of all the structures, but he does not pretend to say when his subsidiary enterprises will reach consummation. It is his intention to have the space not used for other purposes between the buildings, laid out in plots and decorated by landscape gardeners, so as to give an inviting and homelike appearance to the scene. Then the plan is to plow up all that large tract lying between the shops and the Missouri river on the northeast, and transform it into one large, beautiful park that will become the pride of all the shopmen, but not the shopmen only—all Omaha. The tract is fertile bottom soil and if properly drained, doubtless would meet all President Burt's expectations.

The shops, when completed, will take rank with any similar establishment in the country, and it is the desire of President Burt to make the place unique for its parks.

**Most Important Already Finished.**

When work was begun on these new shops completion was figured on for August, 1902, but numerous obstacles have arisen to delay the contract. The largest and most important of the buildings, the main

chime and erecting shop, has been completed for some time and is partially equipped with the new machinery and in use. Besides this, the power house, store house, transfer platform, oil house, round house and pattern shop are finished and partially or wholly in service. Work on the other buildings is progressing as rapidly as possible. The company has endeavored to use its own forces in this gigantic construction work, believing that it would insure better and more faithful performance than to contract with outsiders. If not afforded as great facility in completing the work.

It has been necessary in the erection of the new buildings, which will occupy the same site as the old shops, to interfere with the regular work as little as possible. Therefore the processes of demolition and renewal have been carried on simultaneously and the completion of the new shops retarded as a consequence. Whenever practicable the old machinery has been installed in the new shops and herein lies another source of delay. Such of the old equipment as was considered suitable for transfer was kept in use in the old shops just as long as possible so as not to consume unnecessary time in changing it. The large percentage of new tools in the equipment of the new shops has, however, enabled the transition to be made with a minimum of difficulty.

**What Plant Comprises.**

The general site of the new shops, as has been stated, will be that of the old plant. The new car shops will be removed a little further east, toward the river, instead of occupying their old position near the center of the yards. The company owns a large tract of land skirting the river, and by utilizing this with buildings it gives room for future expansion.

When completed the series of structures comprising this gigantic plant will be inclosed within a high board fence surrounded with barbed wire. There will be a main entrance and outlet at the south and on the side toward the center of the city. This fence already is partially built. It will surround these structures, when completed, the entire plant:

Power house..... \$25,000  
Machine and erecting shop..... \$150,000  
Storehouse..... \$50,000  
Transfer platform..... \$25,000  
Oil house..... \$10,000  
Office..... \$10,000  
Boiler, tank and locomotive department..... \$100,000  
Lumber shop..... \$50,000  
Blacksmith shop..... \$100,000  
Blacksmith coal storage..... \$20,000  
Boiler stock..... \$20,000  
Pattern shop and storeroom (two stories)..... \$100,000  
Cabinet shop..... \$100,000  
Mill..... \$100,000

Freight car repair shop..... \$175,000  
Coach paint shop..... \$100,000  
Wheel and truck shop..... \$100,000  
Cleaning and plating room..... \$45,000  
Phosphorizing room..... \$45,000  
Paint stock room..... \$25,000  
Transfer table..... \$25,000  
Roundhouse..... \$25,000  
Viaduct and incline..... \$50,000

## Object of the Viaduct.

The viaduct mentioned in this list will be constructed as a means of entrance to the plant. It will begin at Capitol avenue and extend eastward, crossing the tracks of the Union Pacific, which enter the shop grounds. This viaduct is built as a substitute entrance and exit for Ninth street, which extends down there in an angular direction. The grade crossings have long ago become a nuisance and a menace at this point, and the street has been abandoned by the city. All these dangers will be obviated, it is thought, by the viaduct.

One large roof will cover the coach repair, cabinet, freight car repair shops and the mill, and another will shelter the wheel and truck, cleaning and plating, coach paint, upholstering and paint stock rooms. The round house being built is not to be a very extensive affair. It is put up merely for the use of switch engines. The principal division round house is at Council Bluffs.

The foundations for all the columns of every structure are set on 18-inch concrete caps, supported by piles driven to the bed rock, generally sixteen feet deep. All the buildings are of brick and steel and concrete is used liberally.

The plant will get its water supply from the city. It will be conveyed through a 10-inch main running through the length of the yard, and connected at each end through a meter. The pressure will be about fifteen pounds. As to fire protection for the new plant it will be the same as that afforded the old, through the agency of the company's own department, supplemented by the city's force.

**Power Plant.**

Taking up the departments of the plant separately, it may be appropriate to deal first with the power house. Six Scotch marine type boilers, internally fired, with 200-horse power each, designed to carry a working pressure of 160 pounds of steam, are installed in the power plant. The shells of the boilers are made of seven-eighths-inch steel, and are ten feet and a half in diameter.

A chimney nine feet in diameter and 200 feet high receives the gases from this plant through a breeching of 15-inch steel. The steam is delivered by the boilers to a main

steam header, ten inches in diameter, through long sweep, extra heavy U-bends. The Holly Loop system drains this header and all high pressure steam piping in this plant.

Two Westinghouse compound automatic engines comprise the engine equipment. They have cylinder dimensions 18x30x16 inches and one engine for the light loads 12x20x16. Two hundred-and-fifty-volt direct current compound wound engine type of Westinghouse generators are used. The two larger generators are of the 250-kilowatt capacity at 250 revolutions a minute, and the smaller is rated at 75 kilowatts at 300 revolutions a minute. The generators deliver current through paper insulated lead covered stranded copper cables, run in conduit beneath the brick floor to a blue Vermont marble switch board at the side of the dynamo room. A feature of this board is the use of the double pole circuit breakers instead of switches upon the power panel.

## What the Motors Do.

These twenty-one motors are required for driving line shafting, fans, exhaustors and old tools; one 30-horse power at 573 revolutions a minute; eleven 20-horse power at 600 revolutions a minute; seven 15-horse power at 650 revolutions; one 10-horse power at 750 revolutions; one 5-horse power at 850 revolutions. For the purpose of driving individual tools there are twenty-three other motors. This makes a total throughout the plant, not including the motors upon the cranes, of 610-horse power in motors. Each motor is capable of developing a power 50 per cent above its rated capacity without injurious heating. All of the motors in the entire shops are of the Westinghouse make. The laminated pole pieces, split bearings, which can be changed without moving the armature from the field or the pulley from the shaft, and a thoroughly ventilated armature without hand wires, the armature coils being held in place by wedges in slots in the main field of the motors.

A Stromberg-Carlson central energy telephone system is being installed throughout the plant, a station being established at each foreman's desk and in each department. Previsions also are made for a fire alarm system.

The direct steam system of heating, with a modern piping arrangement, is used for all the smaller buildings. The boiler shop, the tank shop and the main machine shop are heated by means of the Sturtevant blower system.

A great amount of compressed air is used throughout the shops for special purposes. The air plant consists of two Ingersoll-Sergeant air compressors of the duplex type, with cross-compound steam cylinders

equipped with Meyer cut-off valve gear. Each compressor has a capacity of 1,000 cubic feet of free air a minute and weighs about 50,000 pounds.

The coal chutes for power house supply consist of a structure 12 1/2 feet long, approached by an incline on a seven-foot grade, brought to a level through a vertical curve, of 2 1/2 feet, the base of the rail being at a height of 11 feet from grade. The trestle is continued 75 feet beyond the chutes and ends in a bumper peculiar to the Union Pacific.

**Machine and Erecting Shop.**

The machine and erecting shop is the largest of the series of buildings. It is 150x400 feet in dimensions, has three tracks on the erecting side, spaced twenty-three feet from center to center. At a distance of thirty-two feet from the inner track is a material track for serving the heavy machinery, planers, driving wheel lathes, etc. The track through the machine shops will be extended continuously through the boiler shops.

The floor space of this building is unbroken save for the supporting columns. The clear height under the roof trusses is forty feet. The ends and sides are largely devoted to windows and one-third of the roof is "Paradise" skylight and the monitor roof is practically all skylight and side windows. The shop office for the general foreman, and the tool room are located near the middle of the machine side of the building. The distribution of tools is on the annunciator system, about forty push buttons being located in different parts of the shops.

The machine tools are grouped in different classes and operated by an electric motor with the exception of a one ten-horse power in the gallery and a fifteen-horse power in the tool room. Current is brought from the power house on overhead feeders.

## Boiler Shops.

The boiler shops are 150x244 feet and are constructed similar to the machine shops. Spaces will be given to locomotive carpentry, repairs of tender frames and other work, aside from the boiler and fire work. The distribution of tools is much the same as in the machine shops. Several of the tools are to be run by individual motors. Twenty-five-ton cranes of sixty-nine feet, nine inches span, and one ten-ton crane of thirty-eight feet eight inches span, center to center of rails, will be included in the equipment. A riveting tower 24x35 feet and sixty-five feet high will be located at the south end of the building. The natural lighting will in all respects be similar to that in the machine shops.

**Oil House.**

The entire system will get oil from this

house. The building is 50x124 feet, surrounded by a platform, the outside dimensions of which are 70x224 feet. The walls are of concrete and are four feet six inches high. The system of handling the oils is the reverse of the one generally used. The oil is forced into the tanks by pumping and delivered by gravity. Two pumps, one for illuminating and the other for lubricating oil, are used. A storage room is separated from the tank room by a brick wall, with a fire door arranged to slide up. A steaming tank for cleaning barrels is provided in an adjoining apartment. Steam is admitted, loosens the oil in the barrel, which runs out and floats on the water of condensation in the tank and is skimmed off. All pipes within the house are covered and incandescent lights are incased as an additional precaution against fire.

## Storehouse.

The storehouse, 50x228 feet, is, like the oil house, the central depot for the entire system. This is a two-story structure, the stationary department occupying a part of the second floor. The storekeeper's office is on the ground floor. The heavy storage rooms and the shelving rooms are connected with the store rooms above by elevators. A transfer platform with tracks on each side extends the full length of the building.

## Pattern Shop.

A two-story building has been erected for a pattern shop and for pattern storage. It is 50x200 feet and provides ample facilities for the storage of all patterns and all the work to be done in this line. As in the case of every building throughout the plant special efforts have been made to secure the structure against fire, and to this end Andrew fire proof shutters have been adopted.

## Blacksmith Shop and Car Department.

The homes of the blacksmiths and car shops are not yet completed. The location of the blacksmith shop is between the locomotive and car shops and adjacent to both since its work will cover both departments. A transfer table, 80x250 feet, will occupy the space between the two principal buildings devoted to the car department. A wheel platform will be erected outside the wheel and truck shop, 60x150 feet, with a depressed track entrance. The available space east of the buildings will be occupied by tracks for the freight car repair yard.

The banking house of Drexel & Co. Philadelphia, gladdened the hearts of its entire staff by presenting a present equal to a full year's salary. New Year's day, it is said, the bank was duplicated, and the staff's services were again rewarded.

## Special Values in Jewelry

Ladies' Belts and Chatelaine Bags

Just received the swellest belts for street and evening wear.

Chatelaine Bags are in real seal, walrus, suede, etc., worth double the price we ask, at..... **75c, \$1.00, up to \$2.50**

## Clearance Sale of Black Silks



## The "Bonnet" Black Taffetas—

All our 27-inch black imported "Bonnet" guaranteed taffetas at special sale. Everybody knows the "Bonnet" Lyons, France, black silks. This is a perfect taffeta and has the right kind of finish. Every piece bears the manufacturer's stamp. Absolutely worth \$1.25 a yard, as long as they last, a yard..... **75c**

## 85c Taffetas at 50c

One lot of 21-inch black rustling taffeta, very glossy and strong, 35 pieces to go in this clearing sale, worth 85c a yard, at a yard..... **50c**

## \$2.00 Velvets and Corduroys at 69c

All our fancy corduroys, plain velvets, velvet waistings, metallic velvets, fancy panne velvets, hair line velvets, etc., that have been selling up to \$2 a yard—all go at, a yard..... **69c**

## \$1.50 Silks at 67c a Yard

One lot of black moire antique, black moire velours, black velours imprimé, black moire Francis, black moire Louis XIV style, that have been selling up to \$1.50, special clearing sale price, a yard..... **67c**

## Silks on Bargain Square

Over 6,000 yards of all kinds of silks, consisting of black 36 and 27-inch taffetas, black peau de sole, satins, fancy corded silks, colored lining taffetas and fancy waistings, and an immense new lot of swell trimming silks and foulards, all go at, a yard..... **15c, 39c, 49c, 69c**

## Challenge Clearing Sale of

## TABLE LINENS

55c quality, 60-inch bleached and unbleached table damask, at, per yard..... **19c**

60c quality, 64-inch silver bleached all linen table damask, at, per yard..... **29c**

60c quality all linen silver bleached table damask, at, per yard..... **39c**

75c quality, extra heavy all linen, full bleached and silver bleached table damask—some 2 yards wide, at, per yard..... **49c**

\$1.25 quality, extra fine full bleached satin finished, loose in the barrel, which pure linen, Belfast goods, at, per yard..... **75c**

Good quality sheeting, bleached and unbleached, 24 yards wide—on sale yard..... **15c**

\$1.50 quality, 72-inch all linen, double satin damask, full bleached, elegant quality, worth \$2, for new designs, at, per yard..... **98c**

One big lot of all linen, large size, extra heavy, full bleached Scotch napkins, worth \$2, for new designs, at, per yard..... **1.49**

All the balance of the all linen tray cloths, knotted fringe, that sold at 25c to 35c, go at, each..... **15c**

36-inch square lunch cloths that sold at 50c to 75c, go at, each..... **25c**

25c and 35c towels, knotted fringe and hemstitched, all go at, each..... **15c**

Good quality sheeting, bleached and unbleached, 24 yards wide—on sale yard..... **15c**

## BASEMENT BARGAINS

5,000 yards imitation French flannels and extra heavy cotton elderdown, worth up to 25c a yard—on sale Monday at..... **6 1/2c**

One big lot of extra fine Corded Gingham, Scotch Chambray, French Gingham and Madras cloth—worth up to 20c all go Monday at, per yard..... **8 1/2c**

Thousands of yards of extra fine Brandenbergs Percales. These would be cheap at 12c a yard, on sale Monday at, per yard..... **6c**

5,000 yards of all kinds of fluslin, cambrics and long cloths, etc., on sale Monday at, yard..... **5c**

One big lot of the very best grade Outing Flannel, in light and dark colors, go at, yard..... **6c**

J. L. BRANDEIS &amp; SONS. BOSTON STORE.

## LABOR AND INDUSTRY.

Hay is the most profitable crop in England.

The United States now uses more raw silk for manufacturing than France. In round figures, \$50,000,000 gold is the amount of American capital invested in Mexico by 1,117 American companies, firms and individuals.

England buys from the United States in a year more than \$100,000,000 worth of wheat and flour, and the same amount and \$20,000,000 bushels of corn.

In Liverpool alone there are four shops that sell American boots and shoes exclusively and half a dozen others that make a specialty of them.

Mexico buys 50 per cent of all its imports from the United States and sells 80 per cent of all its exports to the United States. The American manufacturers are said positively to have stripped the European markets of hides. From the point of view of American shoe manufacturers this is a skin game.

Completed Interurban electrical roads in the United States. Ohio and Indiana are now averaging \$4,375 per mile per annum. The cost of operating them is stated as 15 per cent of the cost of the road.

A dredge recently built for levee building at the mouth of the Sacramento river has a "clamshell" scoop on a boom 136 feet long, which lifts and deposits it on the bank in one minute.

The most remarkable feature of British foreign trade is the largest proportion of it which is done with the United States. This Anglo-American trade being larger than that between any other two countries in the world. No two contiguous countries equal it.

It is estimated by Lord Cromer, the British agent in Egypt, that the American demand for Egyptian cotton is \$12,500,000, will increase the agricultural earning power of that it will pay a percentage of over 100 every twelve months.

## RUPTURE

Every True Wearer Interested. Explains How it is Done.



AVOID AN UNNECESSARY SURGERY. CONFIDENT AND PAINLESS. Cures the opening in 10 days on the average. Case in usual health.

New Method. New Action. New Results.

Specialists in the treatment of hernia and rupture. The only method that cures the rupture without surgery. The only method that cures the rupture without surgery. The only method that cures the rupture without surgery.

Price Within the Reach of All.

NOTICE—We are now open for business. We are now open for business. We are now open for business. We are now open for business. We are now open for business.

1001 Walnut St., Philadelphia. 22 E. Madison, New York.