Mesker Brothers Iron Co.

St. Louis, Missouri.

Smith Block, Wappingers Falls, New York. Erected 1895.
Mesker Brothers Iron Co.

TWENTY-FOURTH EDITION

GENERAL CATALOG

TERMS

All prices in this Catalog are Net F.O.B. cars, St. Louis. No further discount. NET CASH upon receipt of goods. ALL prices are subject to change without notice. Those desiring credit must have good commercial rating or furnish references from whom satisfactory information must be obtained before shipment will be made.

NO GOODS will be shipped C.O.D., or to our order with draft attached to Bill of Lading, unless one-half payment is made in advance, to insure acceptance, or unless guaranteed by your bank or banker. No extension allowed nor more than thirty days credit given except by special agreement.

CLAIMS against invoice must be made upon receipt of goods. REMITTANCES must be made by draft or its equivalent. Express or P.O. Money Order,—not by personal check unless exchange is added. ALL contracts or agreements are contingent upon Strikes, Accidents, Delays or Damages by carriers and other delays unavoidable or beyond our control. ALL orders sent us without previous quotations will be shipped at our regular prices, which will be as low as if quoted before receiving the order.

As questions constantly arise as to the responsibility of shippers, for loss of and damage to goods, etc., in transit, we call the special attention of our customers to the following:—Our responsibility ceases as soon as goods are delivered in good order and condition at shipping point, and a receipt taken for same, we, as senders, having no legal claim after the goods are delivered to the carriers properly consigned, as the ownership has passed from us to consignee.

No goods returned will be received by us unless we have been corresponded with and have given our permission that same may be returned, and customer returning must in all cases pay freight and expenses. After orders are entered the cancellation of same must be subject to our acceptance. It is expressly understood that all orders imply an acceptance of above terms of payment and conditions of shipment.

Evansville, Ind., April 13, 1895.

MESSRS. MESKER & BRO., St. Louis, Mo.

Gentlemen,—The Galvanized Iron Front you put up for me about 28 years ago is as good today as ever, and has cost nothing for repairs since its completion. Of course it has been painted and sanded, which gives it the appearance of richly cut and carved stonework. You probably also remember it is three stories in height, and is altogether an attractive front, comparing favorably with buildings of recent erection. Respectfully yours,

(Signed) CHARLES VIEHLE.

KELL & GIBBS, Dealers in Live Stock and Implements.

Clifton, Texas, Feb. 3, 1898.

MESSRS. MESKER & BRO., St. Louis, Mo.

Dear Sirs,—Please send us at once the following glass:—One piece 34 by 80 inches, plate. One piece 24 by 80 inches, D.S.A. Two pieces 34 by 80 inches, D.S.A. Two pieces 26 by 34 inches, D.S.A. We had a fire in our town and the above glass were destroyed from the front we bought of you last. The fire originated in a wooden building just eight inches from our new store building, and while the wooden structure was completely destroyed, our Mesker front was damaged but very slightly, the greatest damage being the breaking of the six glasses. It has greatly advertised your fronts, as every one who witnessed the fire predicted that the front would be totally destroyed. Under the circumstances we will appreciate your closest price on the lights ordered, and will thank you to forward promptly.

Yours truly,

(Signed) KELL & GIBBS.

ARTICLES WE MANUFACTURE.

FIRE-PROOF SOLID SECTION STEEL SASH.
FIRE-PROOF HOLLOW METAL WINDOWS.
FIRE-PROOF COMBINATION STEEL AND CONCRETE INTERIOR STAIRS.
FIRE-PROOF STEEL STAIRS.
FIRE-PROOF DOORS AND SHUTTERS.
METAL COVERED, WOOD CORE DOORS.
PLATE STEEL DOOR FRAMES OR JAMBIS.
PLATE STEEL CORRIDOR PARTITIONS.
STEEL CELLS AND JAIL WORK.
STEEL FIRE ESCAPES.
ARCHITECTURAL WROUGHT IRON WORK.
ARCHITECTURAL SHEET METAL WORK.
AREA GRATINGS AND DOORS.
AWNINGS AND CANOPIES.

ANGLES, BEAMS, CHANNELS.
CAST IRON WORK.
CORNICES, SHEET METAL.
CORRUGATED SHEETS.
FLAT SHEETS.
FREIGHT ELEVATORS.
GALVANIZED HOUSE FRONTS.
IRON FENCES.
PLATE STEEL DOORS AND SHUTTERS.
SHEET METAL WORK.
STEEL CEILINGS, SIDING AND ROOFING.
STEEL COLUMNS.
STEEL SAILS.
STEEL VESTIBULE PLATES.
SKYLIGHTS.
STANDARD TIN CLAD FIRE DOORS.
VAULT DOORS.
VENTILATORS.
WIRE WORK.
WOOD STORE FRONTS.

G. B. Smith,
Smith's Bakery and Candy Kitchen.
Smith Block, Wappinger Falls, N. Y., Dec. 28, 1895.

Mesker & Brother, Gentlemen,—Our New Block, now finished, is the pride of the town; we found no trouble to put up the work. The Steel Columns and Galvanized Iron Work present a solid and artistic-looking front. The imitation large Stone blocks on the Main Street side is immense, and finished as we have it, looks just like real Blocks of Brown Stone. The first of the three floors (the one to left of us) we purchased of you three years ago looks as well as the day we put it up, and all things considered, we are well satisfied with the Galvanized Iron and Steel Fronts in preference to any other, or anything else, being considerably cheaper than the plainest building of brick or stone. Wishing you every success, we are

Yours truly,

(Signed) SMITH BROTHERS.

January 16, 1902.—We, at this date, wish to add to the above letter that the fronts now are in a good condition as when first erected.

(See illustration on cover page.)

Smith's Bakery and Confectionery
Smith Block.
Cor. Main & Market Streets.
GEO. B. SMITH
N. Y. Phone 122-F 3
Wappinger Falls, N. Y., April 3d, 1914.

Mesker Bros. Iron Co.,

Gentlemen:

We are pleased to inform you that the gal. iron fronts with steel columns, which we purchased from you for our block of buildings in 1895 are, so far as we can see, in just as good condition as the day they were put on. With the exception of a coat of paint every five or six years there has been no trouble or other expenses.

Yours truly,

G. B. and J. J. Smith.
Pr. G. B. S.

Embossed Border Cornice No. 1. Price per foot, $0.15
Height, 22 inches; Projection, 7 inches; Length, 96 inches. Not painted. Not cut. Not fitted.


Embossed Border Cornice. Sheets 96 inches long.
No. 2. Height, 14 inches; projection, 3 1/2 inches. Price per foot, $0.10
No. 2A. Height, 18 inches; projection, 5 1/2 inches. Price per foot, $0.12
No. 2B. Height, 24 inches; projection, 6 inches. Price per foot, $0.15

Embossed Border Cornice No. 3. Price per foot $0.08

We do not cut, fit or trim the ceiling sheets; we furnish a sufficient quantity with each order to properly cover the required space and as a filler provide a flat embossed sheet for two sides of room (none needed or used for each) varying in width according to size of room, whether border corners are used or not. No nailing strips, no wood moldings or battens required with our ceilings, a saving to purchaser of $1.50 or more per square.

Ceiling Design No. 1. With flat fillers for two sides.
Sheets, 30x96 inches. Not painted. Price per 100 square feet, $2.30
Corner, 16x1 1/2 inches. Not painted. Price per foot, .12

All prices in this Catalog are NET. F. O. B. CARS ST. LOUIS. NO FURTHER DISCOUNTS.

Ceiling Design No. 2. With flat fillers for two sides.
Sheets, 30x96 inches. Not painted. Price per 100 square feet, $2.25
Corner, 4 1/4x4 1/4 inches. Not painted. Price per foot, .68
CEILING DESIGN No. 3

Price, per 100 square feet, $2.35

Our Ceilings are embossed or stamped out of sheets 30 x 96 inches, have V edges (an entirely new feature) on sides of sheets, giving close invisible joints requiring NO furring strips, NO wood mouldings or battens, and can be applied by any handy man directly to joints (regardless of spacing of same), or over old wood or plaster; do not require much nailing, the sheets being light in weight, 4 or 6 penny nails can be used.

We do not cut, fit or trim the sheets, furnishing a sufficient quantity with each order to properly cover the required space, and as a filler we provide a flat embossed sheet as a border for two sides of the room (none needed or used for ends) varying in width according to size of room, whether border cornices are used or not. Either style of ceiling may be used without border cornices. Any one of our border cornices may be used with either style of ceiling.

We do not paint the sheets; ceilings should be painted after being placed in position a color that will reflect as much light as possible. In all instances, when ordering give exact inside dimensions of room.

Steel Ceilings are—Sanitary, will not absorb dust or moisture; water-proof, dust-proof, vermin-proof, fire-proof, noise-proof; economical, durable, ornamental, everlasting; comparatively cheaper and superior to other coverings; easy to apply. Permanent, put on to stay, nothing to work loose; vibration does not affect them. Easily cleaned with soap and water. Unlike plaster or adamanl which stain, crack or fall.

For artistic merit and beauty, they have no equal. Architects everywhere realize the important elements represented in steel ceilings and specify them in preference to any other coverings because they always give satisfaction.
CEILING DESIGN No. 4.

- Ceiling sheets, 30 x 96 inches. Not painted - Price per 100 square feet, $2.30
- Siding sheets, 30 x 96 inches. Not painted - Price per 100 square feet, 2.25
- Border Cornice, 22 x 7 inches. Not painted - Price per foot, .15

Our ceilings are embossed or stamped out of sheets 30 x 96 inches, have V edges (an entirely new feature) on sides of sheets, giving close invisible joints requiring NO furring strips, NO wood mouldings or battens, and can be applied by any handy man directly to joists (regardless of spacing of same), or over old wood or plaster; do not require much nailing, the sheets being light in weight, 4 or 6 penny nails can be used.

We do not cut, fit or trim the sheets, furnishing a sufficient quantity with each order to properly cover the required space, and as a filler we provide a flat embossed sheet as a border for two sides of the room (none needed or used for ends) varying in width according to size of the room, whether border cornices are used or not. Either style of ceiling may be used without border cornices. Any one of our border cornices may be used with either style of ceiling.

We do not paint the sheets; ceilings should be painted after being placed in position a color that will reflect as much light as possible. In all instances when ordering, give exact inside dimensions of room.

Steel Ceilings are—Sanitary, will not absorb dust or moisture; water-proof, dust-proof, vermin-proof, fire-proof, noise-proof; economical, durable, ornamental, everlasting comparatively cheaper and superior to other coverings; easy to apply. Permanent, put on to stay, nothing to work loose; vibration does not affect them. Easily cleaned with soap and water. Unlike plaster or adamant which stain, crack or fall.

For artistic merit and beauty, they have no equal. Architects everywhere realize the important elements represented in steel ceilings and specify them in preference to any other coverings because they always give satisfaction.
COMPLETE HOUSE FRONTS

Our complete House Fronts consist of the following articles:
- Steel Sill course 8 inch wide, 4 inch riser; Steel Recess or Vestibule Plate 28 inches deep back of sill; Steel Box Columns 13 inch face, 4 inch deep, for covering end or party walls; Steel Box Columns 6 inch face, 4 inch deep; SHOW SASH and Recess Sash with Transoms; Store Doors, Hall Doors with Transoms, Store Door Posts, Hall Door Jambs, all of White Pine finished to 1 3/4 inch thickness; Double Strength Glass for Sash, Door and Transom openings; Window Frames with Sash of White Pine and necessary Double Strength Glass for second and upper stories of Fronts, Galvanized Iron Work for that part of Front structure directly above first story commencing at top line of Transoms, one Wood Lookout for every ten-foot section of Galvanized Iron Work for attaching same.

"METAL CLAD END BOARDS ARE FURNISHED TO CLOSE AND FINISH EXPOSED ENDS OF CORNICES." End blocks and uns are charged for extra and not shipped unless called for by your order. We provide a set of full-size and scale detail drawings with instructions, and these are so explicit that any mechanic can place the work properly and without difficulty. Galvanized Iron Work is fastened to the wood work with nails. No soldering necessary, but advisable in some instances. Plenty of metal allowed for lap joints. WE DO NOT include or provide hardware, sash weights or cords, nor inside finish or casing. To finish the Fronts, it is necessary that Owner, Contractor or Builder provide a wood lintel or header and the wood backing to receive the Galvanized Iron Work. All glass boxed separately; openings not glazed.

To those contemplating the erection of buildings, we furnish free of charge, drawings for the front to suit their requirements, upon receiving the size or frontage of lot, with such other information as may be necessary. For remodeling buildings where old Fronts are to be torn out and new ones substituted, our styles and designs present such overwhelming advantages in cost and appearance as to defy competition. Send sketch of ground plan (not necessarily drawn to a scale), giving correct width of building from out to out, lower story arrangements, story height, and the total height of the structure from ground to roof. If party walls are used, show same, giving distances between.

When Ordering Complete Fronts, always furnish a sketch of the ground plan, not necessarily drawn to a scale, but giving the correct width or frontage of building from out to out of end walls, thickness of end walls, ceiling heights of all stories, thickness of joists and floors, total height of your structure from ground to roof, slant or slope of roof. If party walls are used, show same and thickness and give distances between them.

All prices in this catalog are Net F. O. B. Cars St. Louis. No Further Discounts.
Complete House Fronts, as manufactured by us, are no longer an experiment— their reputation is firmly established. Their merits are so prominent and manifold that they have taken the lead among modern Fronts for business buildings. Their comparatively low price brings them within the reach of every one contemplating building. All designs for fronts illustrated in this catalog can be changed to suit any width or height of building. Our stock designs can be furnished at least fifty per cent cheaper than special work, but we are prepared to submit very close quotations on original designs, when plans for the same are sent to us with specifications. Designs with the notation "No Iron Work Lower Story" signifies that our prices on these Fronts do not include Sill, Vestibule Plate or Columns for lower story, as in such cases Owners or Contractors desire to use wood.

The continued demand for our complete house fronts, and their general introduction throughout the United States and Canada, fully demonstrate their true merits and commendable qualities. Our construction, as well as our columns, are fully protected by patents securing to us exclusively the right to produce our Complete Fronts, brought to their present state of perfection by years of experiments and large expenditures; and while others may try to produce imitations, none can approach us in point of architectural beauty, expediency and perfection of construction or durability, and as to price, our facilities for manufacturing, the low rates of freight due to our patent construction and close packing and packing in consequence, and the purchase of all materials pertaining to our complete fronts in large quantities and for cash, enable us to distance any and all orders entertained to our case.

We solicit the correspondence of Owners, Contractors and Builders, assuring them prompt attention, faithful and careful execution of any and all orders entrusted to our care.

The notation "No Iron Work Lower Story" in ground plans of certain illustrations signifies that prices do not include the Steel Sill Course, Steel Vestibule Plate or steel Columns. It is intended that owner or contractor shall provide a wood, stone or concrete sill.

To those contemplating the erection of buildings, we furnish free of charge, drawings for the Front to suit their requirements, upon receiving the size or frontage of lot, with such other information as may be necessary. For remodeling buildings where old Fronts are to be torn out and new ones substituted, our styles and designs present such overwhelming advantages in cost and appearance as to defy competition. Send sketch of ground plan (not necessarily drawn to a scale), giving correct width of building from out to out, lower story arrangements, story height, and the total height of structure from ground to roof. If party walls are used, show same, giving distances between.

When ordering Complete Fronts, always furnish a sketch of the ground plan (not necessarily drawn to a scale), but giving the correct width or frontage of building from out to out of end walls, thickness of end walls, ceiling heights of all stories, thickness of joints and floors, total height of your structure from ground to roof, plant or slope of roof. If party walls are used, show same, and thickness and give distances between them.

All prices in this catalog are Net F. O. B. Cars St. Louis. No Further Discounts.
COMPLETE HOUSE FRONTS

We feel confident a careful study of our Catalog by Architects, Contractors and others contemplating the construction or remodeling of buildings, will be of invaluable service to them in perfecting and cheapening their designs, thereby combining durability and elegance of appearance with economy in price. Our Fronds are distributed throughout the county, and if any of our customers have any questions or need assistance, they may write to our head office in St. Louis, Missouri, from whom they can obtain the desired information, and we are beforehand convinced that it will, in every instance, be highly commending our work.

We furnish the Fronds complete as shown by the illustrations. EXCLUDING hardware, sash weights, cords, inside finish, wood lintel, and wood backing; these articles are to be furnished by the Owner of the building or by the Contractor. We furnish with each Frond 1 a complete set of full-size detailed drawings, with explicit instructions, which will enable any mechanic, however inexperienced in this particular line, to erect the work. All Glass provided by us is cut to proper sizes and boxed separately. We do not glaze the openings.

Our complete House Fronds consist of the following articles—Steel Sill course 6 inches wide, 4 inches rise; Steel Recess or Vestibule Plate 28 inches deep back of still; Steel Box Column 6 inches face, 4 inches deep; Show Sash and Recess Sash with Transoms; Store Doors, Hall Doors with Transoms, Store Door Posts, Hall Door Jambs, all of White Pine finished to 1 3-4 inches thick, Double Strength Glass for Sash, Door and Transom openings; Window Frames with sash of White Pine and necessary Double Strength Glass for second and upper stories of Fronds. Galvanized Iron Work for that part of Front structure directly above first story commencing at top line of Transoms, One Wood Lookout for every ten feet section of Galvanized Iron Work for attaching same.

"METAL CLAD END BOARDS ARE FURNISHED TO CLOSE AND FINISH EXPOSED ENDS OF CORNICES." End boards and jambs are charged for extra and not shipped unless called for by your order. We provide a set of full-size and scale detail drawings with instructions, and these are so explicit that any mechanic can place the work properly and without difficulty. Galvanized Iron Work is fastened to the wood work with nails. No soldering necessary, but advisable in some instances. Plenty of metal allowed for lap joints. WE DO NOT include or provide hardware, sash weights or cords, nor any inside finish or casing. To finish the Fronds it is necessary that Owner, Contractor, or Builder provide a wood lintel or girders and the wood backing to receive the Galvanized Iron Work. All glass boxed separately; openings not glazed.

All prices in this catalog are Net F. O. B. Cars St. Louis. No Further Discounts.

To those contemplating the erection of buildings, we furnish, free of charge, drawings for the Frond to suit their requirements, upon receiving the size or frontage of lot, with such other information as may be necessary. For remodeling buildings where old Fronds are to be torn out and new ones substituted, our styles and designs present such overwhelming advantages in cost and appearance as to defy competition. Send sketch of ground plan (not necessarily drawn to a scale), giving correct width of building from front to rear, lower story arrangements, story height, and the total height of the structure from ground to roof. If party walls are used, show same giving distance between.

When Ordering Complete Fronds, always furnish a sketch of the ground plan, not necessarily drawn to a scale, but giving the correct width or frontage of building from front to rear, thickness of walls, height of all stories, thickness of joints and floors, total height of your structure from ground to roof, slant or slope of roof. If party walls are used show same and thickness and give distances between them.
Our Complete House Fronts consist of the following articles: Steel Sill course 8 inches wide, 4 inch riser; Steel Recess or Vestibule Plate 28 inches deep back of sill; Steel Box Columns 13 inch face, 4 inches deep, for covering end or party walls; Steel Box Column 6 inch face, 4 inches deep; Show Sash and Recess Sash with Transoms; Store Doors, Hall doors with Transoms, Store Door Posts, Hall Door Jambs, all of White Pine finished to 1 3/4 inch thickness; Double Strength Glass for Sash, Door and Transom openings; Window Frames with sash of White Pine and necessary Double Strength Glass for second and upper stories of Fronts, Galvanized Iron Work for that part of Front structure directly above first story commencing at top line of Transoms, one Wood Look-out for every ten foot section of Galvanized Iron Work for attaching same. "METAL CLAD END BOARDS ARE FURNISHED TO CLOSE AND FINISH EXPOSED ENDS OF CORNICES". End blocks and urns are charged for extra and not shipped unless called for by your order. We provide a set of full-size and scale detail drawings with instructions, and these are so explicit that any mechanic can place the work properly and without difficulty. Galvanized Iron Work is fastened to the wood work with nails. No soldering necessary, but advisable in some instances. Plenty of metal allowed for lap joints. We DO NOT include or provide hardware, such weights or cords, nor inside finish or casing. To finish the Fronts, it is necessary that Owner, Contractor or Builder provide a wood lintel or girder and the wood backing to receive the Galvanized Iron Work.

ALL PRICES IN THIS CATALOG ARE NET F. O. B.

CARS ST. LOUIS. NO FURTHER DISCOUNTS.
STEEL COLUMNS

Safe Carrying Loads, in tons, for Plate Steel Columns.

<table>
<thead>
<tr>
<th></th>
<th>11 ft</th>
<th>12 ft</th>
<th>13 ft</th>
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<tbody>
<tr>
<td>6 inch face, 4 inches deep</td>
<td>6.95 tons</td>
<td>6.36 tons</td>
<td>6.12 tons</td>
</tr>
<tr>
<td>9 inch face, 4 inches deep</td>
<td>8.27 tons</td>
<td>7.76 tons</td>
<td>7.20 tons</td>
</tr>
<tr>
<td>12 inch face, 4 inches deep</td>
<td>9.85 tons</td>
<td>9.14 tons</td>
<td>8.37 tons</td>
</tr>
<tr>
<td>18 inch face, 4 inches deep</td>
<td>11.55 tons</td>
<td>10.90 tons</td>
<td>9.43 tons</td>
</tr>
<tr>
<td>6 inch face, 12 inches deep</td>
<td>23.10 tons</td>
<td>22.08 tons</td>
<td>22.85 tons</td>
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<tr>
<td>9 inch face, 12 inches deep</td>
<td>26.45 tons</td>
<td>25.34 tons</td>
<td>26.22 tons</td>
</tr>
<tr>
<td>13 inch face, 12 inches deep</td>
<td>31.45 tons</td>
<td>31.42 tons</td>
<td>31.18 tons</td>
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</table>

Our Patent Steel Columns for Brick and Galvanized House Fronts, as illustrated on this page, are made of the best plate steel, formed from one continuous sheet into the various shapes as shown by plates, and have been practically and thoroughly tested as to strength on Washington University (St. Louis) testing machine, by Prof. Calvin M. Woodward. Their superiority over Cast Iron Columns consists of the following advantages: One-third the weight of Cast Iron, making them easier to handle on a building; one-third the cost in freight; no blow holes, rough or uneven surfaces or hidden defects; no breakage in transit or from accident on building. In addition to all of these points in favor of our Steel Columns, they cost considerably less than Cast Iron, are nicely finished and ornamented, and the carrying capacity is greater and more reliable. All Intermediate, six inch face, Box Columns are provided with two inch wood backing for securing of inside finish. Angle Columns for end walls, and Box Columns for partition walls, are provided with wrough iron stays at back, to permit anchorage to walls. Above we give a table of SAFE carrying loads, in tons, for Steel Columns, as tested and calculated by Prof. Calvin M. Woodward.

ALL PRICES IN THIS CATALOG ARE NET F. O. B. CARS ST. LOUIS. NO FURTHER DISCOUNTS.

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<th>11 ft long</th>
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<tbody>
<tr>
<td>No. 1. 6 inch face, 4 inches deep, Box Column</td>
<td>$5.00</td>
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<td>No. 1. 9 inch face, 4 inches deep, Box Column</td>
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<td>$7.80</td>
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<td>No. 1. 18 inch face, 4 inches deep, Box Column</td>
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<td>$10.70</td>
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<tr>
<td>No. 2. 18 inch face, 12 inches deep, Angle Column</td>
<td>$7.50</td>
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<td>$8.50</td>
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<tr>
<td>No. 2. 6 inch face, 12 inches deep, Angle Column</td>
<td>$8.50</td>
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No. 25. STEEL PIPE COLUMNS.

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<td>2 in.</td>
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<tr>
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<td>$4.00</td>
<td>$4.50</td>
<td>$4.75</td>
<td>$5.00</td>
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<tr>
<td>4 in.</td>
<td>$6.00</td>
<td>$6.50</td>
<td>$7.00</td>
<td>$7.50</td>
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<tr>
<td>5 in.</td>
<td>$8.50</td>
<td>$9.00</td>
<td>$9.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>6 in.</td>
<td>$10.00</td>
<td>$11.00</td>
<td>$12.00</td>
<td>$12.75</td>
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CAST COLUMNS, Leaf Capital.

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<th>13 ft long</th>
<th>14 ft long</th>
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<tbody>
<tr>
<td>No. 25</td>
<td>Each, $18.00</td>
<td>Each, $19.00</td>
<td>Each, $20.00</td>
<td>Each, $21.00</td>
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<tr>
<td>No. 26</td>
<td>Each, $19.00</td>
<td>Each, $20.00</td>
<td>Each, $22.00</td>
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CAST COLUMNS, PLAIN.

<table>
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<th>13 ft long</th>
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<tbody>
<tr>
<td>No. 25</td>
<td>Each, $15.00</td>
<td>Each, $16.00</td>
<td>Each, $17.00</td>
<td>Each, $19.00</td>
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Mesker Brothers Iron Co.

STEEL SILLS AND VESTIBULE PLATES

Saint Louis, Missouri

No. 180-A. Steel Window Sill with Nosing, 8 inches wide, 4 inch apron. Per linear foot, 40 cents.

No. 181-A. Steel Door Sill, Roughened Tread, 8 in. wide, 4 in. riser, per linear ft., 50 cents. 14 in. wide, 4 in. riser, per linear ft., 65 cents.

No. 182-A. Steel Sill Course 8 inches wide, 4 inch riser, per linear foot, 50 cents; Steel Vestibule Plate 28 inches deep, 108 inches long, $12.60.

No. 183-A. Steel Sill Course 8 inches wide, 4 inch riser, per linear foot, 50 cents; Steel Vestibule Plate 28 inches deep, 96 inches long, $12.00.

No. 184-A. Steel Sill Course 14 inches wide, 4 inch riser, per linear foot, 65 cents; Steel Vestibule Plate 28 inches deep, 120 inches long, $14.50.

No. 185-A. Steel Sill Course 14 inches wide, 4 inch riser, per linear foot, 65 cents; Steel Vestibule Plate 28 inches deep, 84 inches long, $9.00.

Our Steel Sills are made 8 inches and 14 inches wide, with 4 inch riser and Nosing, any length desired, and like Vestibule Plates, are roughened to give a firm foothold.

Another feature in favor of our Steel Sills is, they are furnished in one length for a 25 foot wide building, making the cost of placing them in position considerably less than when prepared in several sections, as is necessary when using other materials.

All Prices in this Catalog are Net F. O. B. Cars St. Louis. No Further Discounts.

A Sketch should accompany your order for Steel Sills and Vestibule Plates, giving all measurements.

Section of Steel Sill and Recess Plate.

The trend in the construction of buildings is to avoid the use of cast iron whenever at all possible, on account of the unreliability and the excessive weight necessary to be used to secure the desired strength. This fact has made Wrought Steel Floor Plates, as illustrated herewith, deservedly popular among Architects, Contractors and others, upon whom rests the responsibility of designing structures in which strength and lightness must be combined. The illustrations herewith show our Steel Recess or Vestibule Plates in connection with our Steel Sill Course for Brick, and also for Galvanized Iron Fronts. We are prepared to furnish these Steel Plates and Sills cut to any desired sizes and shapes, the cost of fitting being no more than that of other less durable materials. They can be easily fastened to the flooring board, requiring no extra preparations to support the weight, as in the cast iron, and are much preferred by our customers. They are thoroughly practical, and are made with a toughened surface, giving a firm foot-hold, and prevent slipping. A Vestibule Plate made in this pattern presents an extremely handsome appearance, equalled by no other material used for the purpose. The fact that fifty per cent. can be saved in weight and the strength increased over other materials is causing these plates to be largely specified for this purpose, and for stairways, fire escapes and platforms.
WOOD STORE FRONTS

No. 156-A.

No. 157-A.

<table>
<thead>
<tr>
<th>WIDTH OF BUILDING.</th>
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<tr>
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<td>11 Feet High</td>
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<td>12 Feet High</td>
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Prices include 4 Show Sash and Transoms, 1 pair Store Doors, with Posts and Transom; all Glass for openings of best Double Strength America, not glazed. Glass cut to sizes, boxed separately.

All Prices in this Catalog are Net F. O. B. Cars St. Louis. No Further Discounts.

These illustrate our Show Sash, Store Doors and Transoms for lower story of front for new structures, or where it is desirable to remodel only this part of the building. The elevations show the work for 25-foot wide buildings, out to out of walls; the plans show the arrangement for 20 ft., 22 ft., 25 ft. and 30 ft., No. 156 A for ceilings 11 or 12 ft. high; No. 157 A for ceilings 13, 14 or 15 ft. high. All of our Mill Work is made from thoroughly seasoned White Pine, finished to 3-4 inch thickness. Mouldings worked solid on Frames and raised Panel. We claim, without fear of contradiction, to have the best designed and constructed Mill Work that can be used for Store Front purposes. We prepare this stock in such large quantities, bringing the cost of production to a minimum, enabling us to offer it to our patrons at an exceedingly low price, and it is therefore ECONOMY to conform to our stock styles and sizes as illustrated. No inside finish or trim not hardware included.
GALVANIZED IRON CORNICES

Embossed Cornice, Galvanized Iron.

No. 221-A. Height, 32 inches; Projection, 11 inches. - Per foot, $0.65
No. 220-A. Height, 44 inches; Projection, 16 inches. - Per foot, $0.85
No. 230-A. Height, 30 inches; Projection, 16 inches. - Per foot, $0.75
No. 229-A. Height, 22 inches; Projection, 11 inches. - Per foot, $0.60

Main Cornices have no covering; they are to be covered with the same material as your roof.

ALL PRICES IN THIS CATALOG ARE NET F.O.B. CARS ST. LOUIS. NO FURTHER DISCOUNTS.

When ordering Cornices always give total measurements from out to out of end blocks or give frontage of building. State whether for new or old walls of brick, stone or wood.

We furnish one wood lookout with every ten-foot section of cornice attaching. Additional wood lookout, as required, must be provided by owner or carpenter.

We allow plenty of metal for lap joints.

Intermediate brackets are detached and packed with end blocks for shipment.
SIDING, ROOFING, SKYLIGHTS

This illustrates a Single-Pitch Skylight. Always made with bars running short way, unless otherwise ordered. Pitch not less than 2 inches to the foot. May be hinged and used as a scuttle. Wood curb not furnished by us.

Photographers Skylights a Specialty.

FIG. 1—SINGLE PITCH.
Size, feet, 2 x 4 3 x 4 4 x 4 4 x 6 4 x 8 5 x 8 6 x 6 6 x 8 6 x 10 8 x 10 8 x 12
Price, each, $2.05 4.90 5.00 6.00 7.80 9.90 8.90 11.00 14.00 18.00 21.00

This illustrates a Double-Pitch Skylight. Louver ventilators for ends not shipped unless mentioned in your order. Wood curb, wood ends, not furnished by us.

FIG. 2—DOUBLE PITCH.
Size, feet, 2 x 4 3 x 4 4 x 4 4 x 6 4 x 8 5 x 8 6 x 6 6 x 8 6 x 10 8 x 10 8 x 12
Price, each, $4.10 4.90 5.50 7.00 8.90 11.00 9.75 12.00 16.00 20.00 24.00
LOUVER VENTILATORS, 12 x 14 inches, each $2.00 Movable Slats.

This illustrates a Hipped Skylight. With ridge or comb less than 3 feet in length, only one round ventilator can be used. Ventilators are charged for extra and are not shipped unless mentioned in your order. Wood curb not furnished by us.

FIG. 3—HIPPED.
Size, feet, 2 x 4 3 x 4 4 x 4 4 x 6 4 x 8 5 x 8 6 x 6 6 x 8 6 x 10 8 x 10 8 x 12
Price, each, $4.90 5.90 6.50 8.00 10.90 14.50 13.00 16.50 19.00 24.00 29.00
ROUND VENTILATORS, 10 in. 12 in. 14 in. Diameter. With Damper.
Price, each, $2.50 4.50 5.00

SKYLIGHTS

This illustrates a Hipped Turret Skylight. All eave sides and ends of turret are pivoted, self-closing, and may be operated from below by cords. This is the best type for light and ventilation. Wood curb not furnished by us.

FIG. 4—HIPPED TURRET.
Size, feet, 2 x 4 3 x 4 4 x 4 4 x 6 4 x 8 5 x 8 6 x 6 6 x 8 6 x 10 8 x 10 8 x 12
Price, each, $14.00 18.00 25.00 30.00 39.00 55.00 41.00 49.00 55.00 65.00

Skylight prices include Galvanized Iron Frame, 1/4 inch thick rough glass cut to sizes, boxed separately. The curb to receive the galvanized iron frame is constructed of wood and timbers, and must be provided by Owner or Carpenter. We manufacture skylights of all sizes. Those listed are carried in stock and shipments can be made promptly. Prices, other than listed, on application. We can supply 1/4 inch wired tough or ribbed glass for skylights, prices upon application.

SPECIAL QUOTATIONS ON LARGE QUANTITIES AND ON CARLOAD LOTS.

Weather-proof, fire-proof, elastic, durable, easily applied; especially adapted to mercantile buildings, factories, warehouses, dwellings, barns and sheds.

The Mesker Rubber Roofing is the roofing that lasts. It is made from the finest selected quality of long fiber, all wool felts, thoroughly saturated and coated with elastic weather proofing compounds which renders the entire fabric water-proof, acid, gas and alkali proof, and impervious to the extremes of heat and cold. It does not impact the slightest taste to rain water. It is thoroughly durable; suitable for first or second roofs, is ready for application when received. Can be laid over shingles with excellent results. Any handy man can lay this roofing with the aid of only a hammer and knife. We do not sell part of a roll. If you purchase surface 970 square feet, order 1000 feet or 10 squares. Extra material is often needed for around chimneys, openings, etc.

MADE IN THREE THICKNESS AS FOLLOWS:

One Ply Two Ply Three Ply
Less than 25 rolls, 1.25 1.50 2.00
25 to 50 rolls, 1.25 1.50 1.75
100 rolls or more, 1.25 1.50 1.65

Samples and any information desired pertaining to our Mesker Rubber Roofing will be gladly and promptly furnished.

We solicit opportunities to quote on large quantities and contracts. It is put up in attractive rolls 32 inches wide, containing 108 square feet, sufficient to cover one square. Also in rolls containing 216 square feet, sufficient to cover two squares. Packed in cases of each roll are sufficient nails and liquid cement for applying.
WROUGHT IRON WORK

No. 312. Steel Roof Trusses. Prices upon Application.

No. 279. Girders, Purlins, and Shear Plates. All sizes. Prices upon Application.

No. 280. Tie and Tension Rods with Turnbuckles. All sizes.

No. 337. Beam Girders with face plates, bolts, separators and washers. All sizes. Prices upon Application.

No. 338. Beam Girders, plain, with bolts and separators. All sizes. Prices upon Application.

In cases where customers are unable to determine the correct size of girders or girders required, send height, width, and thickness of wall to be carried, give dimensions between piers (pans or columns) and we will name price on proper size and of sufficient strength and carrying capacity.

No. 340. Beam with Flange Plate. All sizes. Prices upon Application.

No. 339. Angle Lintel. All sizes. Prices upon Application.

No. 345. A. ILLUMINATING IRON SIDEWALK LIGHT

Smoother Concrete Sidewalk

In ordering it is advisable to give the size of the opening, and not cut the stone until sidewalk light is received. Can be made any size or shape. Send drawings for estimate.
STEEL STAIRS, FIRE ESCAPES

One Steel Fire Escapes and Steel Stairs are the safest, best and least expensive that can be used and are the result of our long experience in this class of work. They are suitable for all classes of structures and will provide efficient means of escape.

To obtain quotations, give rough outline of windows where you expect to place escape. Give width of window openings and distance between same. State height from ground to underside of first window sills and from this point to underside of upper window sills, when special drawings and delivered quotations will follow it at once.

SPECIFICATIONS—Outside stringers 8 inch bent channel. Wall stringers 8 inch flat channel. Brackets at platform and under stairs 6 feet to 8 feet apart. Platforms and treads square headed to give good foothold. Rings of solid steel. Railings of pipe, two pipe high. Standards of small bent channels.

WHEN ORDERING—Give rise from sidewalk to underside of door sill, width of stairs (can furnish any width). If run is limited, state distance. Give thickness of wall and advise if hand rail is to go on right or left hand side as you go up. Platforms are furnished 4 feet long unless otherwise specified.

Combination Steel and Concrete Stair, Patented.

The Mesker Steel Stair consists of a frame of steel with treads of concrete 1 1/2 inch or more in thickness, making complete fire-proof construction, meeting the consideration of architects and engineers desiring a stair that is non-combustible and economical in price.

It is light in weight, yet exceptionally strong and substantial, easily and quickly erected by any mechanic, as it is clearly marked, intoned and numbered.

Can be used in connection with plain or ornamental railings. Can be made any width, stairs any desired length and treads any width.

Send requirements in the way of a rough sketch, giving width of stairs, number of treads and stories, and whether unusual conditions exist, show or describe them fully, and our lowest delivered price will follow at once.

TREADS—Mesker Patent Steel and Concrete Stair Treads prevent accidents by slipping, and are recognized by the leading architects and engineers as the most reliable stair treads manufactured. Adapted to any conditions or situations where a safety tread is needed. If, after many years' continued usage, the tread lifting should become worn, it can be easily renewed by cementing concrete into worn places at nominal cost; no forms are required.

Mesker Stair treads interlock compactly; they are riveted or bolted to side stringers and concrete cast into treads, making the entire stair practically a solid monolithic mass and the strongest construction manufactured. Treads can be constructed for the reception of marble, tile, slate, marble, composition or any of the safety treads on the market.

Steel Stair Nosing.

Any size. Prices on application.

Steel Stair Tread Plate.

Any size. Prices on application.

Steel Stair Tread and Rivet.

Any size. Prices on application.

Combination Steel and Concrete Interior Stair.

Steel Treads and risers in Combination with Concrete Treads. Steel and Concrete Treads for new or old wood stairs. Can be used only where wood stringers close each tread.
Tin Clad Fire Shutter.

The woodwork of Fire Doors is made of three layers of narrow matched boards, dressed both sides, and when finished is 2" 1/2 inch thick. The two outside layers of matched boards are laid perpendicular and the middle course laid at right angles, all thoroughly nailed with wrought iron nails.

Doors have 4 inch lap on each side and at top, the top of door to close in line of track which is 3 1/2 inch to the foot. Our doors are covered with prime quality of 1 1/2 inch plates, laid close to woodwork, and all joints carefully double locked after nailing down tin, covering all nail heads. No nail heads are visible on our doors.

The tin covering is left unpainted as it will reflect and resist heat longer than when painted.

The specifications for window shutters are the same as for door shutters except only two thicknesses of boards are used, laid at right angles.

Window shutters lap 2 inches each side and at top. When operating, give exact size of opening, and if any projections at sides or listed, or any other unusual conditions, give sketch of same.

For prices on window shutters, give exact size of openings, and if hinge eyes are built in walls, give full size sketch of form so that the hinges can be made correctly.

We are prepared to make special designs to conform to any structural requirement that will meet with the approval of the National Board of Fire Underwriters.

Tin Clad Fire Door.

SOLID SECTION STEEL SASH.

The Mesker Sash is made up of various shapes especially designed in part by us and rolled from our rolls of mild, low-carbon steel.

All intersections and joints are weather-resisting and water-proof and have the maximum rigidity of the section fully developed, due to the specially designed shapes and our original method of manufacture, and as a result there can be no lateral deflection from wind pressure under the most severe storm conditions.

The Mesker Sash offer the greatest possible light and ventilating area combined with the highest attainable efficiency, service and economy in addition to neat and attractive appearance. Adapted for use as horizontally and vertically pivoted, top or bottom hung, casement, counterbalanced and sliding.

These Sash may be operated singly, in multiples or their entire length, with especially constructed sash actuating devices.

Steel Sash must be set absolutely plumb and level, and should be continuously and evenly supported to insure proper working of ventilators and to avoid serious trouble in glazing.
Illustrations Nos. 1, 2 and 3 show our newly devised improvement in Cells, having our best edge construction which places all bolts on the outside, out of reach of prisoners, making escape impossible. No rivets wherever necessary. Any mechanic can assemble and erect these cells in less than one-half the time required for any other kind.

We are prepared to furnish sketches with specifications for any number of cells or large prisons. We invite correspondence with Architects, Contractors and Committees appointed for building contracts for jail work. We make a specialty of jail work of every description.

ELEVATORS.

No. 3. Capacity 1200 pounds. - Price, $120.00
No. 4. Capacity 1500 pounds. - Price, 135.00
No. 5. Capacity 2000 pounds. - Price, 145.00
No. 5. Capacity 2500 pounds. - Price, 170.00

For total height not to exceed 20 feet.

For each extra foot rise over 20 feet - - - $1.00

Prices including Winding Machine with Brake Attachment; Car No. 31 with Safety Device, any size up to six feet square; Counterweights; Counter-weight Sheaves with Shaft and two Braces; Wire Lifting Cable; Manila Hand and Brake Ropes; Hardwood Guides; Brake-line sheaves and Wire Rope Clamps.

Automatic Dumb Waiter.

No. D-1. Capacity 50 pounds. - Price, $35.00
No. DD. Capacity 100 pounds. - Price, $50.00

For a total height not to exceed 20 feet.

Prices include Winding Machine, Cage or Car 20x24 inches, Manila Hand and Weight Ropes, Counter-weight, Floor Sheaves, Hardwood Guides.

The wood framing as shown in elevation is not furnished by us.

The Mason Perfect Bank
2 ft. wide, 6 ft. long. Price $4.50
Odorless Self Baskets. Price $3.50
WIRE WO IRON FENCES

No. B-1. Deck or Counter Railing, of No. 12 wires, 1-1/4 inch mesh, 3-1/6 inch round iron frame.
15 in. high, ... Per linear foot, $0.35 24 in. high, ... Per linear foot, $0.40 30 in. high, ... Per linear foot, $0.45
Cash openings always give sizes. Each, 0.75 Painted green, trimmed solid bronze.

No. B-2. Deck or Counter Railing, of No. 18 wires, 1 1-4 inch mesh, 3-1/6 inch round iron frame.
15 in. high, ... Per linear foot, $0.40 24 in. high, ... Per linear foot, $0.45 30 in. high, ... Per linear foot, $0.50
Cash openings always give sizes. Each, 0.75 Painted green, trimmed solid bronze.

No. B-3. Deck or Counter Railing, of No. 18 wires, 1 1-4 inch mesh, 3-4 inch channel iron frame.
15 in. high, ... Per linear foot, $0.50 24 in. high, ... Per linear foot, $0.55 30 in. high, ... Per linear foot, $0.60
Cash openings always give sizes. Each, 1.50 Painted green, trimmed solid bronze.

Directions for Ordering Fences:
For railings send sketch of plan and indicate location of cash opening. If top of deck or counter is not level, until elevation showing extent of drop so the return ends may be made accordingly.
Specify gauge of wire to be used, size of mesh and style of finish wanted. Give exact size the gards are to be and state which measurement is height and which width. It is important that the measurements submitted be absolutely correct, as the gaards cannot be altered without considerable expense, if at all. In every case the measurements received by us will be taken to mean the outside dimensions of the completed guards.
For guards with round frames allow 3-1/4 inch on all sides for laps unless they are to be fitted into the openings, in which case the exact size of the latter should be given. For the style we recommend having them lap over so that they will be attached to face of woodwork. The other method is heavier, and more expensive.
Guards with channel frames must be made to fit into the openings and exact sizes of these should always be given. They are fastened by means of wood screws through holes drilled into the frames.
No. B-4. Wire Guard, ... Per square foot, $0.25
No. B-5. Wire Guard, ... Per square foot, 0.30
No. 10. Gauge Wire, 2 inch diamond mesh.
Painted green or black, stain which is requested.

Design S. 455.
3-8 inch Round Pickets, Rails 1 1-4x1-2 inch channels.
Price, per linear foot, $0.50
Height when set, 37 inches. Gates and Posts extra and measured in line of fence.

Directions for Ordering Fences:
State height of fence when set. Indicate to which posts the gates are to be lapped. State whether the fence is to be in the ground, or upon brick or stone wall or coping. If upon coping, give width of the top of coping. If fence stands on grade, indicate upon the diagram the HIGH and LOW points, and give the grade in inches. Accompany your order with a diagram, with all the measurements clearly indicated upon it.

Our Fences are Strong, Durable and Easily Replaced. Are suitable for Residential, Public Buildings, Cemeteries, etc.

Design S. 421.
3-6 inch Round Pickets, Rails 1 1-4x1-2 inch channels.
Price, per linear foot, $0.45
Height when set, 37 inches. Gates and Posts extra and measured in line of fence.

Design S. 400.
3-6 inch Round Pickets, Rails 1 1-4x1-2 inch channels.
Price, per linear foot, $0.40
Height when set, 37 inches. Gates and Posts extra and measured in line of fence.

Posts for Gates and Corners
1. 1 inch square, for Fence 37 inches high, ... Price each, $1.00
2. 6-1/2 inch square, wrought iron, for Fence 37 inches high. Each, 3.00
3. 6-1/2 inch wrought iron, for Fence 37 inches high. Each, 3.00
4. Measured in with Fence and charged for extra.

All prices in this Catalog are net. O. B. Carr St. Louis. No further discount.

Wall Gate S. 607-3 foot 2 inches wide between posts.
Drive Gate S. 596-8 feet wide between posts.
6-foot Round Pickets, for Fence 37 inches high. Price, $22.00
Gates are made to match design of Fence selected, using some ornament on gate as are used on fence.

Round Iron Frame.

No. B-5. Wire Window Guard.
Channel Iron Frame.

Saint Louis, Missouri