ORNAMENTAL IRON for Enduring Beauty and Strength

GATE CITY IRON WORKS
OMAHA, NEBR.
The modern home gives a most pleasing combination of grace, beauty, dignity and strength.

This old pirate treasure chest, probably made in Holland or Spain about 1650, and buried for two and a half centuries, shows the sturdy wrought iron untouched by time.

Wrought iron gates erected 1795 at Christ Church, Philadelphia. Their beauty and dignity is as marked today as when installed.

Architects and builders are turning more and more to wrought iron for the expression of lasting beauty and for pleasing grace of design coupled with age-long durability.

Artistry in wrought iron comes only with experience, and it is this experienced craftsmanship, plus modern manufacturing methods and equipment, that makes Gate City ornamental wrought iron so satisfactory to architect, builder and owner.

Only a few of our many installations can be shown in this catalog. Most of them are from our own designs, others from architects' and customers' suggestions and sketches. Our ornamental wrought iron work is made from copper-bearing steel to insure longer life from rust and corrosion. Many finishes are available, from natural iron and old bronze to colorful polychrome.

Send us your sketches and specifications for estimating, or ask for our suggestions. When referring to designs shown here, please specify design number.
Modern Architecture CALLS FOR

The prevalent use of brick, stone, and concrete for more permanent buildings calls for porch and step rails of the same permanent character.
ORNAMENTAL IRON PORCH AND STEP RAILS

Hand-wrought ornamental iron rails, designed to harmonize with the style of architecture, satisfy every requirement of safety, beauty and long life.
"A balcony outside my window"—the spirit of romance is yours with the beauty of hand-wrought iron balconies in modern or period style. Windows, doors and transoms offer opportunities for added beauty in
wrought iron grilles. Needed protection may often be converted into graceful ornament.

Entrance canopies in harmonious hand-wrought iron provide an added touch of dignity and architectural completeness.
"If I could have but one piece of ornamental hand-wrought iron in my home, it would be a stair rail," says one home builder.

"The individuality of its design; the grace and beauty of its hand craftsmanship; and the dignity of its appearance would make it a constant joy to those who dwell therein, and a pleasant memory to all who come as guests."

Stair rails shown on these two pages show the interesting effects obtained from the combination of ornamental iron with wood stairs.
HOME - GRACEFUL WROUGHT IRON STAIR RAILS

GATE CITY IRON WORKS
OMAHA, NEBRASKA
Stairways of Steel

ADD GRACE, BEAUTY
Steel stairways combine simplicity, light weight and strength; they are fireproof, permanent and economical, with considerably less maintenance expense. Treads may be of cement, marble, tile, slate, rubber composition or cork tile. All ornamental iron rails shown here are also adaptable for use on wooden stairways. Other designs shown in the catalog can be used with steel stairways.
Added Charm IS GIVEN MODERN HOMES
THROUGH GENEROUS USE OF WROUGHT IRON

The simple beauty of hand-wrought iron, the contrasting note it supplies to other furnishings, the atmosphere of dignity and permanence it imparts—all these make the generous use of wrought iron both pleasing and desirable.

Your choice of Modern, English, French, Dutch, Italian or Colonial design insures complete harmony with architectural and decorative treatment.
WROUGHT IRON ALLOWS FREEDOM IN DESIGNING

If your home is to be truly distinctive, ornamental iron is the best medium for expressing your individual taste in drapery hardware, lighting fixtures, benches, tables, gates and other furnishings.
SMART FIXTURES FOR Modern Homes

No other material offers you the same freedom of exclusive design in decoration inside the home. Hundreds of designs are available, or special designs can be made from your own ideas.
Wrought Iron FOR THE FIREPLACE

Around the fireplace were centered the first efforts of makers of hand-wrought iron. So today, a fireplace calls for proper fittings of wrought iron—ad-irons, fire tools, fuel baskets, screens and seats.

Only a few out of hundreds of designs can be shown on this page, but these few show you what can be done for your fireplace.
AROUND THE HOME WITH Wrought Iron

For exterior decoration, use wrought iron porch rails, balconies, gates, window and door grilles, lanterns, foot scrapers, weathervanes, chimney irons and door hardware. Write for additional designs.
Gate City Iron Works offers you the largest and most complete stock of steel shapes in the entire Middle West. More than eleven acres are covered by this modern plant, with large stock yards, fabricating shop, bar warehouse, sheet warehouse, wire warehouse, and ornamental iron fabricating plant. Four railroad lines, switching into our plant, connect with ten trunk line railroads in Omaha, "Gate City of the West," and offer quick shipping service to any point in the territory, while a fleet of six trucks make rapid deliveries to all local points.

All orders for plain or unfabricated steel are shipped the same day received—a service that means time and money saved for you. Complete engineering, cutting, and fabricating service is at your command.

GATE CITY IRON WORKS
11TH AND SEWARD STREETS
OMAHA, NEBRASKA
No other fence will add as much of dignity, prestige and lasting protection to private and public grounds as genuine wrought iron.

The variety of design, the graceful lines, the strength, and the long life of Gate City wrought iron fences can be seen in the many installations throughout the Middle West. Only a few of these installations are shown here.

Many additional designs are here for your selection, or we will design and build a fence from your sketch or suggestion.

Write for our complete catalog on wrought iron fences and gates—protection through the centuries.
FOR PROTECTION THROUGHOUT THE CENTURIES
The eight standard designs shown here have proved their popularity in many installations throughout the country. Drive-in and walk-in gates are furnished to match each design, giving you complete protection and enduring beauty.

**Fence**

**Gate City**

**Design No. 1000**
A very pleasing and simple Gate City design that is widely used for enclosing institutional and private property.

**Design No. 2000**
The additional top rail in this wrought iron fence adds strength and dignity to a pleasing appearance.

**Design No. 3000**
One of our most attractive designs, suitable for the most beautiful property. Your choice of round or oval rings.

**Design No. 4000**
A pleasing design in Gate City Wrought Iron with three rails and alternate short and long pickets. Light in weight but very strong.
Many special designs are available to suit special style of architecture, and we will gladly submit sketches at your request. Write for special catalog of wrought iron fence designs, with complete instructions for measuring and ordering.

**DESIGN NO. 5000**
Added richness is obtained in this Gate City Wrought Iron Fence by use of a simple scroll design.

**DESIGN NO. 6000**
A rugged appearance is secured in this Gate City design by the use of two rails top and bottom.

**DESIGN NO. 7000**
The extra grace and strength of this design are obtained through round or oval rings top and bottom. Round ring design is pictured.

**DESIGN NO. 8000**
There is real dignity and simplicity, as well as rugged strength, in this beautiful three-rail Gate City design.
Since 1883, Page Woven Wire Fence has been giving low-cost, high-quality protection to homes, manufacturers, public and private institutions. Page—the first manufacturer of wire fencing—is still first in quality, service and long life.

Today, Page offers you the most modern chain link protection fence in four long-wearing, weather-resisting metals — copper-bearing steel; Armco Ingot iron; Alcoa Aluminum; and Allegheny stainless steel. Each has its own field of usefulness.

Both the copper-bearing steel and the Armco Ingot iron are galvanized after weaving. The Page special process deposits more than twice the weight of zinc than by former methods and is guaranteed to withstand twelve one-minute dips by the Preece test. Former fabrics would withstand less than one-half this number of dips.

Page fabric has the exclusive flat weave which provides a natural bearing surface at each of the bends. This results in a fabric which can be stretched more securely without distortion. Available in 2-inch mesh in No. 6, No. 9 and No. 11 gauge wire.

Page offers you the choice of three post designs—tubular—H-Beam—Wing Channel; with a choice of designs including: OTR with top rail, OW without top rail, 3TR top rail and three barbed strands on inclined arm, 3W no top rail and three barbed strands.

All Page posts and fittings receive the same heavy galvanizing as the fabric, giving you uniform protection from rust for the entire fence construction.

Write for complete catalog on Page Wire Fences, and suggestions and prices for your need.

GATE CITY IRON WORKS
OMAHA, NEBRASKA
COMPLETE WOVEN WIRE CONSTRUCTION SERVICE

Our complete woven wire department is equipped to handle work in galvanized or bright wire from No. 4 to No. 16 gauge in \( \frac{3}{4} \)" to 3" square or diamond mesh. We also furnish flat wire work in sizes from \( \frac{3}{4} \)"x1/16" to \( \frac{1}{2} \)"x1/16", square mesh.

Standard meshes are 1" No. 12; 1 1/4" and 1 1/2" No. 10; 1 1/4" and 1 1/2" No. 9; and 2" mesh No. 8. Channel frames in \( \frac{3}{4} \)" and 1" sizes; round frames 1/4", 1/2" and 3/4" diameters.

Finishes—standard black or plated oxidized copper or brass.

Send us your specifications and get our price on any of the following items:

- Window Guards
- Truck Body
- Tool Rooms
- Enclosures
- Paymaster Cages
- Mining Screens
- Counter Railings
- Screen Door Guards
- Elevator Enclosures
- Signs
- Machinery Guards
- Trellises
- Lockers
- Skylight Guards
- Fences
- Incinerator Hoods

Woven wire signs with sheet metal letters offer the most advertising value at the lowest maintenance cost. Practically indestructible.

Woven wire window guards protect against breakage and pilfering. Your choice of channel or round bar frames, hinged or stationary installation.

Standard diamond-mesh woven wire or chain link partition panels with slide and swing doors. Write for complete catalog.

Garden trellises and arbors can be made in any size and from any design, lasting for years without deterioration. Easily moved.
Bring your structural steel problems to the Gate City Iron Works for designing service, engineering, fabrication and erection.

Our stock of structural steel is not only complete, but our fabrication department is equipped for rapid handling of all orders, large or small. Experienced steel erection crews are at your service—men who can erect any structure to meet the most exacting engineering and architectural standards.

A fleet of trucks handles local deliveries promptly and efficiently, while all railway shipments are loaded directly on the cars on four separate switch tracks in our yards. Architects, contractors and builders are welcome to our free designing and engineering service.

Steel framework 66' 6" high and 44' wide, supporting the largest solid Neon sign west of Chicago.

Steel truss spans over large university auditorium fabricated in our shop.

Modern "battle deck" steel floor doubles the desk room, saves rental of additional floor space. Actual thickness of floor only four inches.

Railroad signal tower fabricated and erected by Gate City Iron Works.

Standard highway bridges built to state specifications.
WITH STEEL FOR STRENGTH AND SECURITY

A—Long-span trusses over High School Auditorium.
B—100-foot, electrically welded span over government riding academy.
C—Overhead passage spanning five railroad tracks.
D—Welded steel-frame house—pioneered by Gate City Iron Works.
PIVOTED SIDEWALL WINDOWS

Adaptable to all types of industrial and manufacturing buildings including warehouse, factory and storage buildings, garages, filling stations, etc., and especially desirable when a great deal of light is needed. The slender but strong and rigid steel muntin bars admit the maximum of light. They are permanent, fireproof, never stick or warp and open or close easily regardless of climatic conditions.

Pivoted Windows are made of heavy, hot-rolled rust-resisting, steel sections. The outside section is of angle shape to allow 5/8 in. anchorage at the masonry or mullion connection. Double contact weathering is provided on all four sides of ventilator.

Pivoted Steel Windows are made in a wide range of sizes to fill practically all building needs. Forty types of sash shown in list below are available for quick delivery from stocks. They can be combined with standard mullions to fit almost any size of window opening. All windows are given one dip coat of protective paint at factory.

Units Carried in stock for Immediate Shipment

<table>
<thead>
<tr>
<th>14&quot; x 20&quot; GLASS SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Types</strong></td>
</tr>
<tr>
<td>23-1-4-1</td>
</tr>
<tr>
<td>32</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>34</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>35-1-6-1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>12&quot; x 18&quot; GLASS SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Types</strong></td>
</tr>
<tr>
<td>23-1-4-1</td>
</tr>
<tr>
<td>32</td>
</tr>
<tr>
<td>35</td>
</tr>
<tr>
<td>34</td>
</tr>
<tr>
<td>35</td>
</tr>
</tbody>
</table>

**NOTE**
Masonry opening dimensions shown at left are applicable to all Commercial Projected Windows. Ventilators are limited in size to 4-light and 6-light.

PROJECTED SIDEWALL WINDOWS

Where neat design and economy are the keynote of the construction, architects will appreciate the quality, appearance, performance and low cost of these windows. The projected feature is especially valuable when ventilation depends upon the natural clearing off of vapor, smoke and stale air. The tilted ventilator acts as a deflector of the elements and can be kept open in all kinds of weather. Direct drafts are eliminated and a continuous change of air is obtained. Easily cleaned from the inside.

Because of the similarity between the appearance of the Commercial Projected and Pivoted Windows, the Projected Windows can be used in the office section of an industrial plant with complete conformity to the general design.

Economical screening is a special feature of this type window.

Write for Complete Catalog of SIDEWALL WINDOWS

GATE CITY IRON WORKS
RESIDENCE CASEMENTS

Because they are practical, economical and beautiful, modern steel casements are the choice for modern homes.

Coming down to us from the old castles of England, casement windows have been so improved that all the advantages of perfect lighting and ventilation have been retained. At the same time the hardware is artistic, the weathering is positive, and screening and storm sash make protection complete.

Steel casement windows provide the maximum of light and ventilation. Built of steel, perfectly welded, they are fireproof; they never warp or swell or shrink; they never stick or rattle.

A complete stock of standard units is carried in stock for immediate delivery. Write us today for complete illustrated catalog showing the full line of Residence Steel Casements, screens and storm sash.

INDUSTRIAL DOORS AND FRAMES

Adaptable for use in basements, rear entrances, boiler rooms, fire exits and similar places in residences, hotels, apartments, schools, churches, institutions, shops, warehouses, filling stations, stores and similar applications.

Industrial Doors are furnished in various sizes for swing or slide installations and meet most practical conditions. Swing and Slide Doors are carried in stock for five sizes of single openings and five sizes of double openings. Other sizes can be made to order.

Standard Pressed Steel Door Frames—Are furnished for Swing Type Doors. They are heavily reinforced at corners and at hinges and are prepared for standard hardware.

Regularly furnished with masonry anchors so they can be erected as the walls are built. Frames will also be furnished with provisions for expansion bolts if so specified.
STEEL BASEMENT WINDOWS

All-steel basement windows are preferred because they combine superior construction and strength with low installed cost.

They come ready to install, with all hardware attached. They never stick, warp, swell or rot and are easily fitted with screens and storm sash.

Gate City All-Steel Basement Windows are electrically welded throughout and made of copper bearing steel to resist rust.

SECURITY BASEMENT WINDOWS

The Security is our standard all-steel basement window with five ½” solid steel bars electrically welded in place. Can be safely left open at all times. Cost only slightly more than standard steel windows. Made in same standard stock sizes as regular windows.

STEEL FRAME SCREENS

Strong, steel frame holds wire screen securely, although easily replaced when worn. Copper bronze wire only. Screen fits securely into frame. Permanent fittings allow quick removal.

Stock sizes ready for immediate shipment to fit the above all-steel basement windows. Special sizes to order. Security Basement Windows take special size screens.

STEEL STORM SASH

Steel storm sash for basement windows are a good investment—saving fuel, keeping cold air out of basement, and keeping floors warm.

Gate City steel storm sash are made of rolled steel sections with all fittings permanently attached. They fit snugly into the rabbетted frame, eliminating frost on the glass.

Stock sizes ready for immediate shipment for all regular steel windows as shown. Special sizes promptly made to order. Shipped unglazed unless otherwise specified.

AJAX COAL CHUTES

For real value, specify Ajax Welded Copper Steel Coal Chutes, made with either solid steel doors or glass panel doors, for 9” or 13” walls.

Ajax Chutes look better, fit weather tight, last longer and stay anchored in the wall. They are electrically welded into one solid piece, with double unbreakable, non-sticking hinges. Heavy spring latch is burglar-proof and unbreakable.

The following stock sizes are ready for immediate shipment. Order by number.

<table>
<thead>
<tr>
<th>No.</th>
<th>Type Door</th>
<th>Wide</th>
<th>High</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Solid Steel</td>
<td>24”</td>
<td>17”</td>
<td>9”</td>
</tr>
<tr>
<td>15</td>
<td>Solid Steel</td>
<td>24”</td>
<td>17”</td>
<td>13”</td>
</tr>
<tr>
<td>70</td>
<td>Wire Glass</td>
<td>24”</td>
<td>17”</td>
<td>9”</td>
</tr>
<tr>
<td>73</td>
<td>Wire Glass</td>
<td>24”</td>
<td>17”</td>
<td>13”</td>
</tr>
<tr>
<td>40</td>
<td>Grade Line</td>
<td>25”</td>
<td>28”</td>
<td>16”</td>
</tr>
<tr>
<td>55</td>
<td>Store Chute</td>
<td>22½”</td>
<td>44”</td>
<td>12”</td>
</tr>
</tbody>
</table>

Hopper will be furnished at slight extra cost.

The following stock sizes are ready for immediate shipment. Other sizes made promptly to fit your specifications. Windows are always shipped unglazed unless otherwise specified.

Specify top or bottom hanging.

<table>
<thead>
<tr>
<th>Lights</th>
<th>Glass Size</th>
<th>Wall Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>12”x18”</td>
<td>40”x21”</td>
</tr>
<tr>
<td>3</td>
<td>10”x12”</td>
<td>34”x15”</td>
</tr>
<tr>
<td>2</td>
<td>14”x20”</td>
<td>31¾”x23”</td>
</tr>
<tr>
<td>3</td>
<td>11”x24”</td>
<td>37”x27”</td>
</tr>
<tr>
<td>3</td>
<td>10”x16”</td>
<td>34”x19”</td>
</tr>
</tbody>
</table>
CLEAN-OUT DOORS
Made from extra-heavy cast iron in the following sizes:
8x8, 8x10, 8x12, 10x12, 12x12,
12x15, 18x20. Special sizes
made to order.

FIREPLACE DAMPERS
Made in two
styles — No. 2
Style operated
by gear with
brass handle through
mantle; No. 10 Style,
lever operated with poker. Spec-
cify style wanted.
Standard sizes in stock—No. 70,
No. 36, No. 42, No. 48, No. 54.

ASH DUMPS
Double acting automatic. Heavy cast iron
with 5½"x7½" opening.

JOIST ANCHORS
Any size from 1¼"x1¼"x24" to 1½"x½"x36".

STRAINERS
Any size from 1¼"x1¼"x24" to 1½"x½"x36".

JOIST HANGERS
Made to order for any
size joist or girder.
Write for prices on
special forgings of all
kinds.

WALL PLATE AND PARTITION
ANCHORS
½"x12" — ¾"x18" — ¾"x24"

DOOR FRAME ANCHORS
1"x½"x12" long
1"x¼"x8" long

COAL HOLE AND
CISTERN COVERS
Flush type with locking
ring, in heavy and extra
Extra heavy weight will
withstand heavy truck
traffic.
Can be furnished with
prism glass.

TRENCH COVERS
Can be furnished any
length and width. ¾"
checkered steel plate cov-
er, with 2x2x¼" L frame.

AREA GRATINGS
Can be made with angle
frame and hinged to
permit use of win-
dows for receiving
coal, etc.

CAST IRON DOWN SPOUTS
Made in the following standard
sizes—
Round—4", 5" and 6" dia.
Square—4"x4", 5"x5", 6"x6".
Rectangular—4"x5", 4"x6", 5"x6".
Special sizes made to order.

IRON
WINDOW
GUARDS
Sold welded construc-
tion in the fol-
lowing sizes—
½" rd.—3" centers
¾" sq.—3" centers
¾" rd.—4" centers
¾" sq.—4" centers
¾" rd.—4" centers
Cross bars 1½"x¾",
to 2"x2½". Hinged
when necessary.
Ornamental designs
furnished on request.

GATE CITY
IRON WORKS
Omaha, Neb.
STEEL SIDEWALK DOORS
Made to order in any size. Steel angle frame with flush checkered steel plate door and concealed steel hinges. Condensation gutter makes doors watertight.

THRESHOLDS
Carried in stock for immediate delivery in the following styles—
Cast Iron—4", 5", 6" width.
Brass—4", 5", 6" width.
Specify plain or grooved in either cast iron or brass.

CAST IRON WHEEL GUARDS
Heavy cast iron with bolts or anchors for attaching.
12" or 18" diameter. Special designs made to your specifications.

PIPE WHEEL GUARDS
Shaped from heavy 2" or 3" iron pipe, with flange for attaching.

IRON AND BRASS PIPE RAILINGS
Used for stairs, porches, areaways, enclosures, safety guards, etc. Sizes, 1", 1 1/4", 1 1/2", 2" and 2 1/2". Cast iron loafer rails attached to top if desired. Made with malleable iron fittings or welded joints. Black or galvanized pipe. Send sketch and dimensions for prices.

STEEL FOLDING GATES
Folding or collapsible gates of Scissors or Bostwick type are adapted for elevators, offices, schools, store fronts, warehouses, etc. Protect from both accident and theft. Open and close easily. Send us your rough sketch with dimensions for price.

GATE CITY IRON WORKS
OMAHA, NEBRASKA
FIRE ESCAPES

We specialize in fire escape construction—designing, engineering, fabricating and erecting escapes for both new and old buildings. All Gate City fire escapes are built and erected strictly in accord with state laws and city ordinances. Send us specifications, sketches and measurements for prices.

SERVICE STAIRS

Service stairs and fire escapes may often be combined, as shown above, to cut down expense. Let our engineers work out such a plan for your buildings.

GATE CITY IRON WORKS

Omaha Nebraska

SPIRAL STAIRS

Gate City spiral stairs are made in any diameter from 4 feet to 8 feet, using a 4-inch pipe column, non-slip grooved treads, 1-inch pipe railing and \( \frac{3}{4} \)-inch round balusters. Write for complete information and prices.
BRONZE TABLETS
Our bronze tablets are exceptionally well finished. Available in any size and design and with any style lettering. Send your sketch for price.

SUN DIALS
Ornamental cast bronze plate in sandblast finish. May be mounted on ornamental iron pedestal as shown, or any other base you select. An interesting addition to any garden.

GATE CITY IRON WORKS
OMAHA, NEBRASKA

CLOTHES LINE POLES
Made with heavy pipe standard and welded pipe cross-piece, with No. 8 or No. 9 Stainless Steel clothes line wire. Gate City clothes line poles make strong and permanent installations. Upright is 10 feet long, to be set 3½ feet in concrete.

FLAG POLES
Gate City flag poles are made from standard and extra heavy steel pipe with joints telescoped, riveted and welded to prevent water getting inside. Made in any height for ground or building attachment. Copper or zinc ball or eagle top. Revolving truck and brass pulleys. Ornamental cast iron bases in many attractive designs are available where desired.