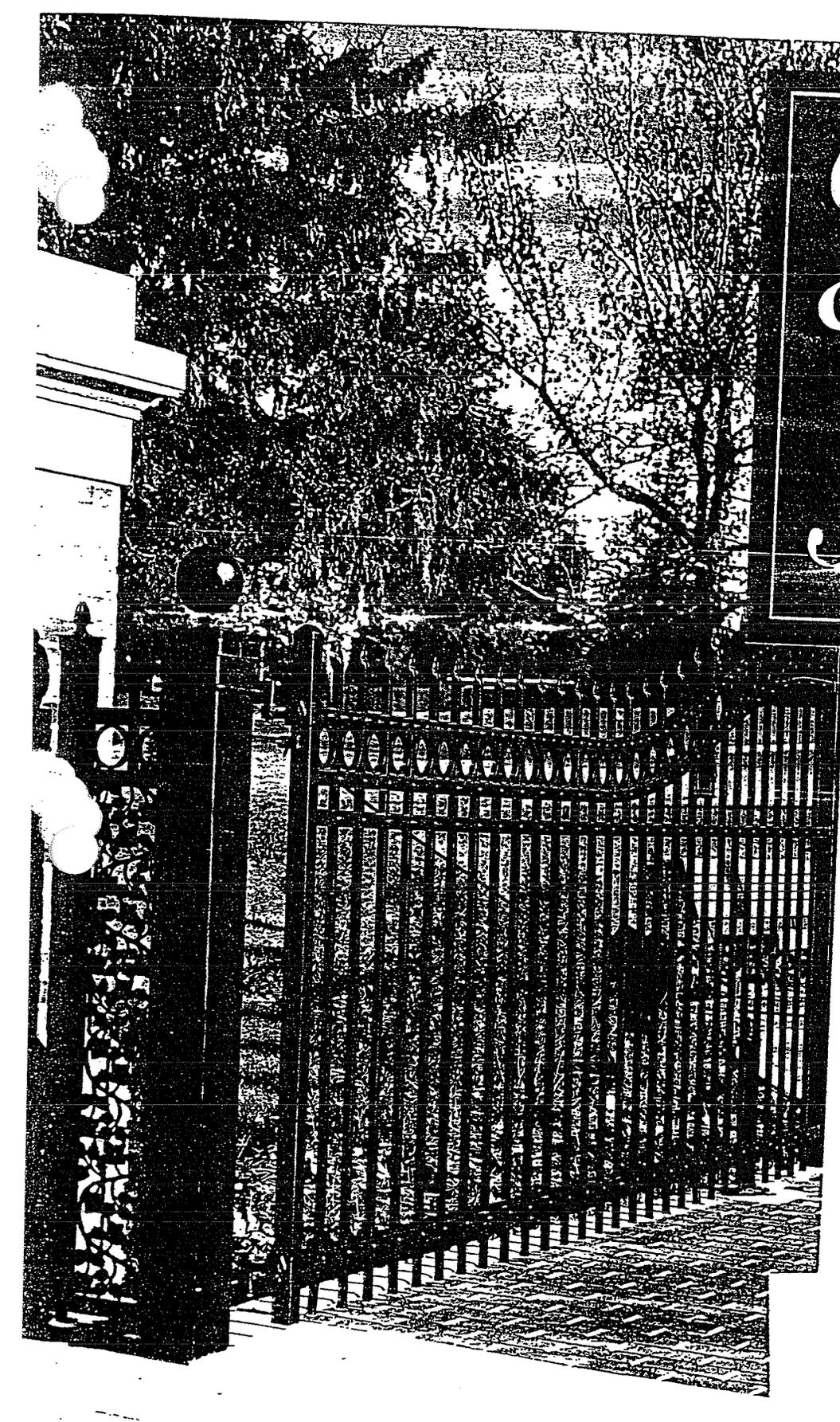


**NOTE 3 - FENCES, WALLS AND HEDGES, SUBJECT TO THE FOLLOWING  
MAXIMUM HEIGHT REQUIREMENTS**

<u>Location</u>	<u>Height</u>
<b>1. <u>Residential Districts</u></b>	
a. Solid fences shall be prohibited in any front yard;	0
b. Front yard and street side yard of corner lot	
• In the Historic District	3 ft.
• All other residential districts	4 ft.
c. Side and rear yards adjacent to residential uses, except that this limitation shall not apply to living hedges;	6 ft.
d. Side and rear yards adjacent to non-residential uses and arterials, except that this limitation shall not apply to living hedges;	6 ft.
e. On a corner lot, any yard within the sight triangle.	2.5 ft.
<b>2. <u>Non-Residential Districts</u></b>	
a. On a corner lot, any yard within the sight triangle;	2.5 ft.
b. Side and rear yard;	8 ft.
c. Front yard - not permitted.	0
<b>3. The use of barbed wire and coil wire is prohibited in all zoning districts of the City.</b>	

THE FOLLOWING INSERTS ARE MANUFACTURERS CATALOG SHEETS WHICH ARE INTENDED AS EXAMPLES OF APPROPRIATE FENCE TYPES. THIS INFORMATION IS INCLUDED FOR REFERENCE PURPOSES ONLY.

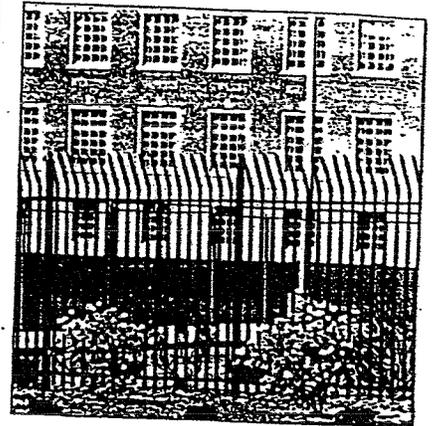
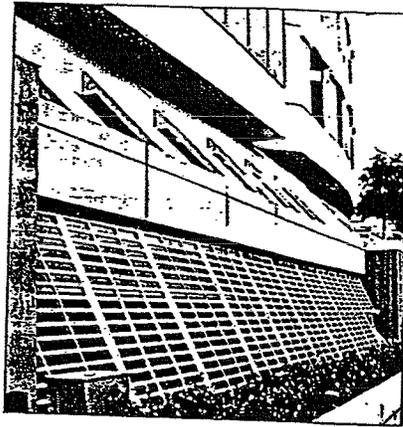


*Crafted  
Elegance  
and  
Security*

*in Affordable  
Ornamental  
Picket Fence  
and Gates*

Architectural 6

# Monumental Iron

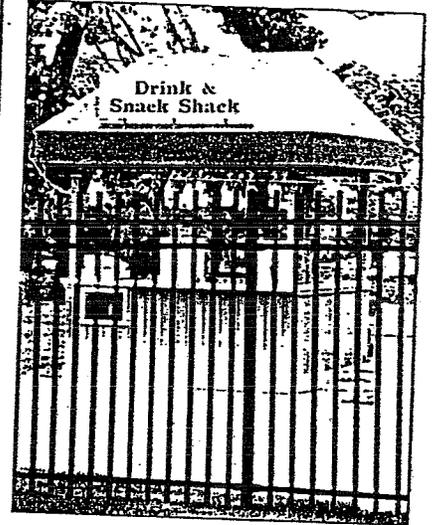
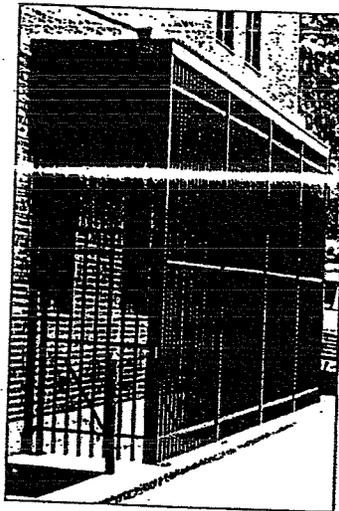
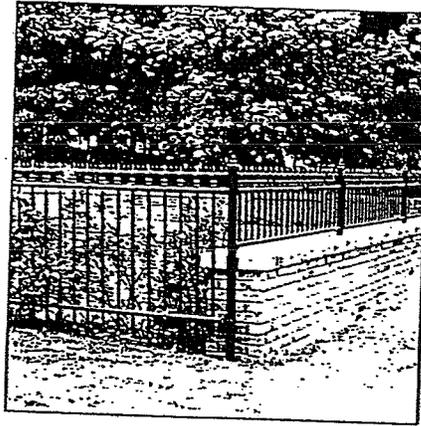
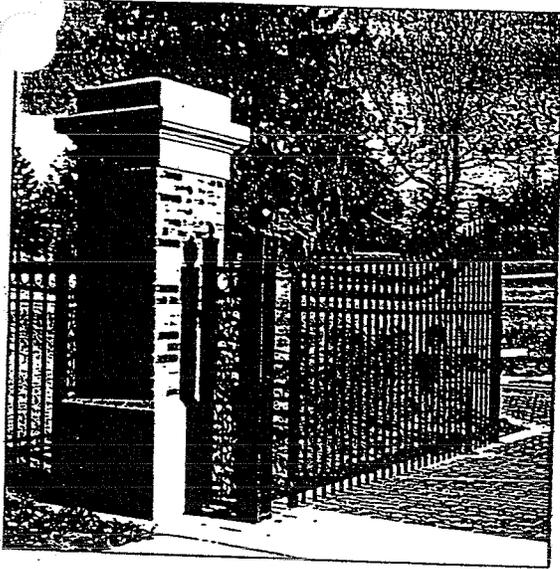


Ornamental iron fences and gates have been the worldwide architectural choice for attractive security on public, commercial, industrial, and residential properties for hundreds of years. Monumental Iron Works fences and gates can be found throughout this country, adding beauty and security to these properties for their many owners. We

apply tomorrow's modern technology to the production of ornamental fences and gates. Only, at Monumental Iron Works, we do it today. The result is a superior product with all the elegance and craftsmanship of fencing forged by the hands of a master blacksmith in years gone by.

We offer a wide variety of modular products, including rails, posts, rings, finials, tops, and scrolls, all in six

# Works... Crafted Elegance



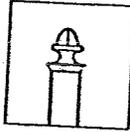
beautiful colors. You choose the combination you want, and Monumental Iron Works will deliver the finest quality ornamental picket fencing at affordable pricing. Ornamental picket fence from Monumental Iron Works complements any architectural design and provides distinction as well as security.

**Q**uality products. Galvanized steel with a polyester powder coated finish for a long low maintenance life.

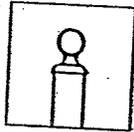
# Why Monumental

st of  
 Onental Iron Works  
 istomers  
 lleges and  
 iversities, including:  
 Yale University  
 Harvard University  
 Johns Hopkins University  
 West Point  
 William & Mary College  
 Stanford University  
 University of Toledo  
 University of Pennsylvania  
 University of Maryland  
 Old Dominion University  
 Holyoke College  
 ID Housing Projects  
 Many Cities:  
 Bridgeport, CT  
 Washington, DC  
 Norfolk, VA  
 Portsmouth, VA  
 ... GA  
 ... RI  
 ... OH  
 icipal and Government  
 ects, Including  
 ational Arboretum  
 brary of Congress  
 orld Trade Center,  
 Baltimore  
 erdeen Proving Grounds  
 iole Park at Camden Yards  
 mpa Airport  
 nes Beach, Long Island,  
 NY  
 iladelphia Naval Yards  
 te Companies  
 timore Sunpapers  
 veland Plain Dealer  
 . Lilly  
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 Clubs Across  
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 Other Private  
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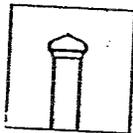
## CHOICE OF POST TOPS



STANDARD POST TOP

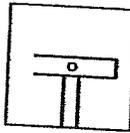


BALL STYLE POST TOP

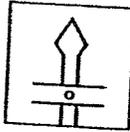


FLAT STYLE POST TOP

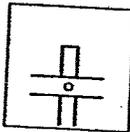
## CHOICE OF PICKET TOPS



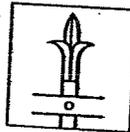
IMPERIAL STYLE



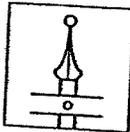
PRESSED STEEL TOPS



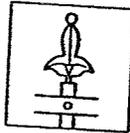
FLAT TOP



STANDARD FINIAL TOP



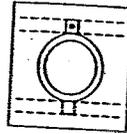
BALL TYPE FINIAL TOP



FLEUR-DE-LIS

## RINGS

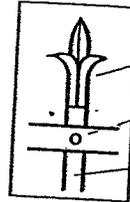
Authentic looking, strong and secure, each ring is held in place by rivets and dowels. These are not easily removed.



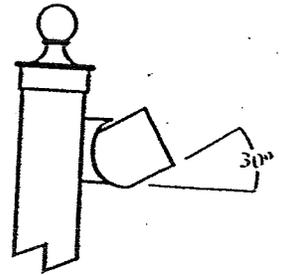
"PRO-ARCT<sup>TM</sup>" - MONUMENTAL IRO

## FINIALS

Riveted to pickets for maximum security, each finial is a malleable iron casting - strong and durable.



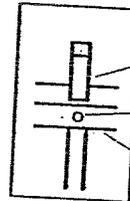
FINIAL  
RIVET  
PICKET



UP-GRADE

## PICKET ATTACHMENT

Pickets are attached to each rail by industrial drive rivets. Each rivet has a holding power of 1100 pounds and a shear strength of 1500 pounds. No method is more secure or more attractive. (see below)

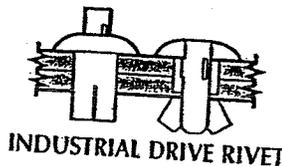


PICKET  
RIVET  
RAIL

30° IN ANY DIRECTION



TURN LEFT



INDUSTRIAL DRIVE RIVET

The answer to the question "Why Monumental?" is simple. It is value, superior construction, the widest variety of choices in the industry, and a guarantee that Monumental Iron Works fence and gates will last for years and retain their beauty. This adds up to the value you are looking for.

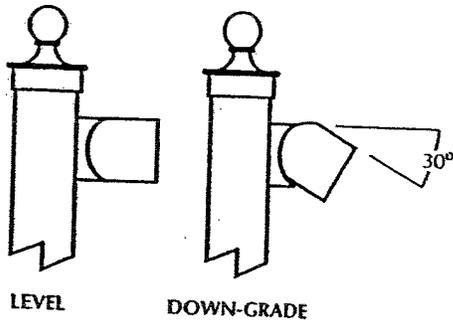
Monumental's horizontal rails, designed in a "U" channel, are made of 11 gauge galvanized steel.

They are exceptionally strong, will hold up in high traffic areas, and can be punched without distorting. Our 3/4- or 1-inch pickets are attached to the rails with industrial drive rivets rather than sheet metal screws or loose internal rods. Rings, finials, and decorative scrolls are all heavy castings that add authenticity. Monumental Iron Works has designed a system that, when completely assembled, offers

# Iron Works?

## Quality, Security, Complete Satisfaction

MONUMENTAL IRONWORKS ARCHITECTURAL SWIVEL BRACKET (Patent Pending)



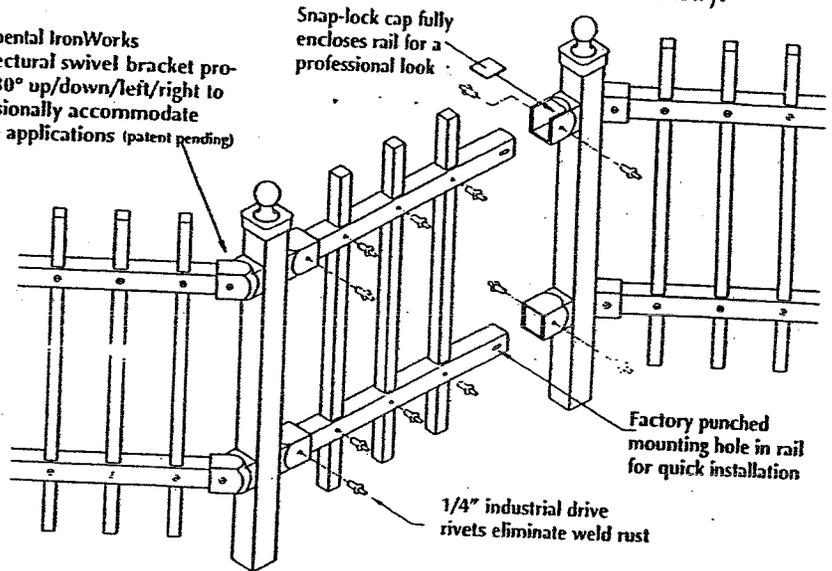
SWIVEL BRACKET

Angles of up to 30° in any direction without attachments. Bracket held to post with 1/4" lock nut. The bracket is a zinc die cast that will never rust.

BRACKET TOP

After insertion and riveting of rail a snap-lock cap is inserted into each bracket, completely concealing all nuts, bolts and rail ends. Clean in appearance and the most secure attachment in the industry.

Monumental IronWorks architectural swivel bracket provides 30° up/down/left/right to professionally accommodate unique applications (patent pending)



RAIL LOCK

Rails are inserted into brackets. Rail is held in place by 2 industrial drive rivets (one each side) that are inserted through factory punched slotted holes in rail.

the strongest ornamental picket fence available anywhere.

Every Monumental Iron Works rail, picket, post, and steel casting has a heavy galvanized coating. These parts each receive a series of chemical washes and a non-chromate coating before the outer coat of polyester powder is electrostatically applied and baked in an oven at metal temperatures that exceed 400° to assure complete adhesion of metal

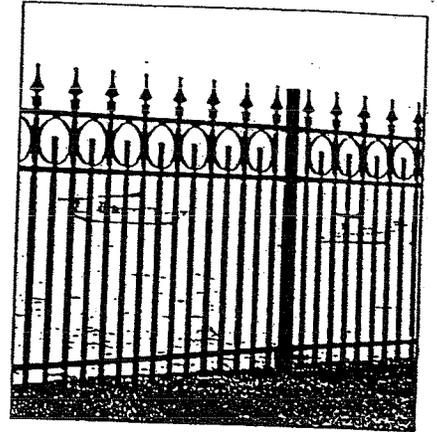
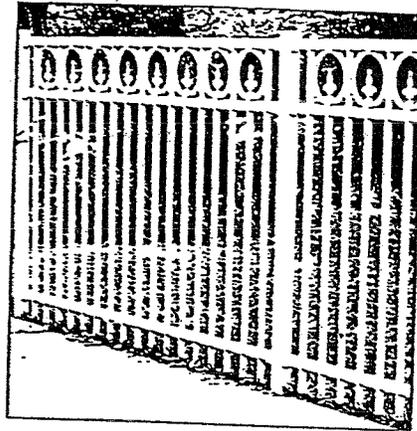
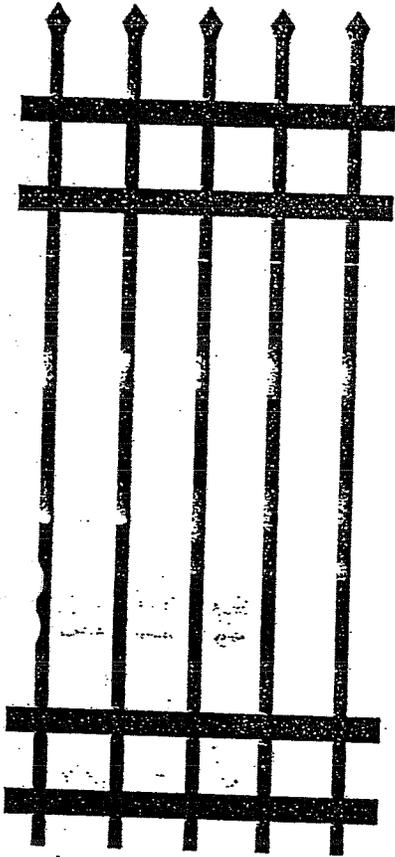
surface and polyester outer coat. We proudly display The Powder Coating Institute seal of quality on each carton that leaves Monumental Iron Works.

Discriminating buyers specify Monumental Iron Works ornamental picket fence because of its superior value, good looks, quality construction, low maintenance, and affordable price. When you're preparing a specification, call us for assistance. 410-633-6500.

"OATE"

All parts are galvanized and powder coated

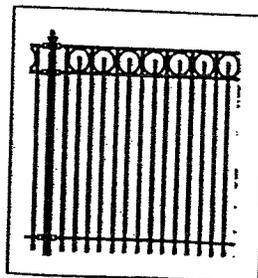
# Old Towne Style...



In earlier times, craftsmen built fences which have become classic because of their unique designs. Today, Monumental Iron Works is reviving that old world charm in its newest line of ornamental picket fences with the Olde Towne Style. Our modern craftsmanship

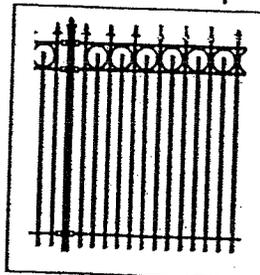
will give a feeling of history and hospitality seldom found in today's choice of fence materials. Yet, at the same time, you are assured of complete security. Whether you choose the delightful ambience and charm of the colonial styles (Main Street, Bridge Street, or Federal Street)

*Front Street*  
Imperial Top Rail



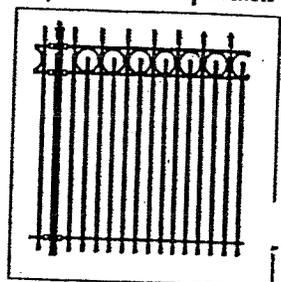
1 Row 9" Rings with picket inside the ring

*High Street*  
Estate Top Line with any of 3 Finial Tops



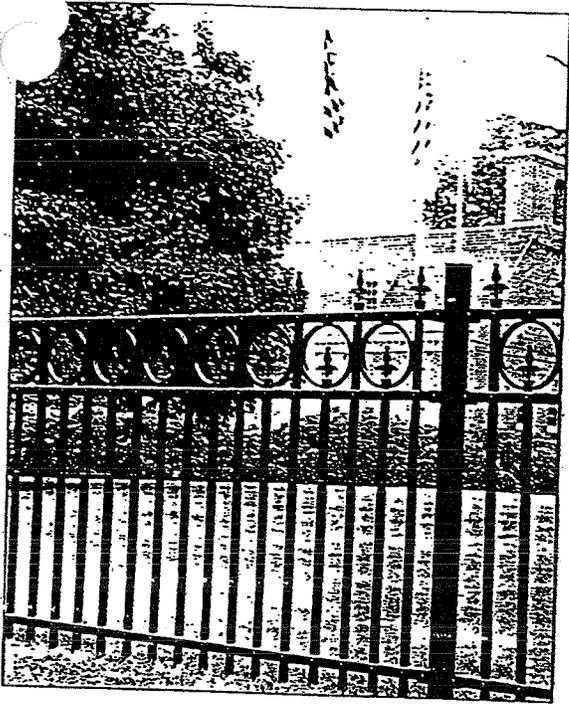
1 Row 9" Rings with pickets inside the ring

*Academy Street*  
Estate Top Line with Flat Top or Pointed Top Pickets



1 Row 9" Rings with picket inside the ring

# by Monumental Iron Works



Available With:

**Tubular Pickets**

1" - 18 ga. pickets

1" - 16 ga. pickets

1" - 14 ga. pickets

**Rails**

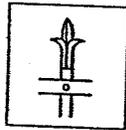
1 1/2" x 1 3/8" U-Channel

6' or 8' long sections with 11 ga. rails

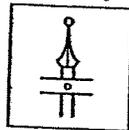
6' long sections with 15 ga. rails

For the traditional feel of the contemporary styles (Front Street, High Street, or Academy Street), your customers, neighbors, employees, or friends will share your sense of history.

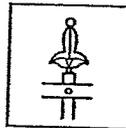
**Finial Tops**



Spear



Ball



Fleur-de-lis

**Rings**

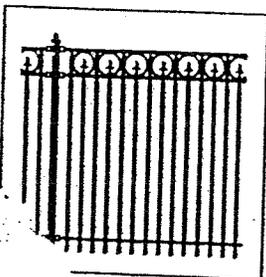


9" Circle with Fleur-de-lis



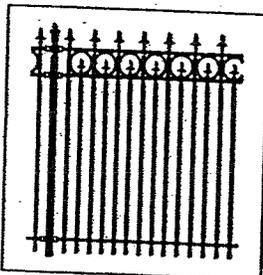
9" Circle with Picket

**Main Street**  
Imperial Top Rail



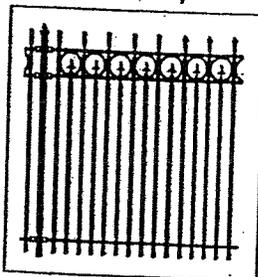
Row 9" Rings  
Fleur-de-lis Finial  
inside the ring

**Bridge Street**  
Estate Top Line with  
Fleur-de-lis Finial on Picket



1 Row 9" Rings  
with Fleur-de-lis Finial  
inside the ring

**Federal Street**  
Estate Top Line with Flat  
Top or Pointed Top Pickets

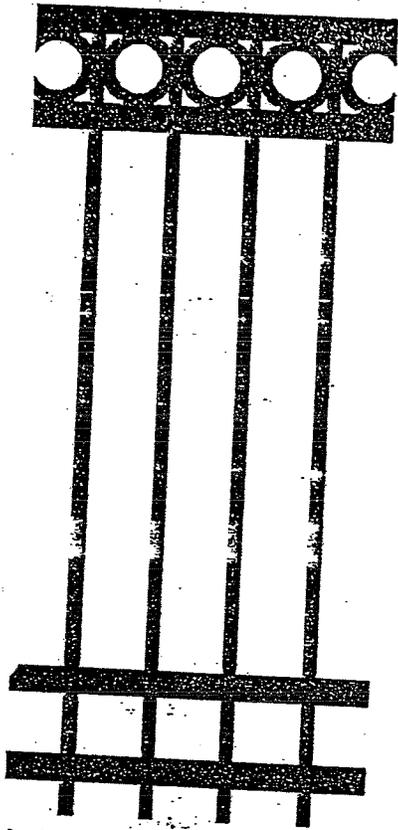


1 Row 9" Rings  
with Fleur-de-lis Finial  
inside the ring



All parts are galvanized  
and powder coated

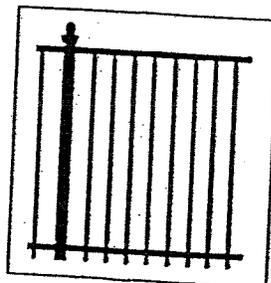
# Imperial Style...



The design of our Imperial Style is based on traditional iron picket fences found in our catalogs, dating back to 1892. Long accepted as an outstanding value because of quality construction, durability, numerous options, and affordable pricing, Imperial Style fence and gates by

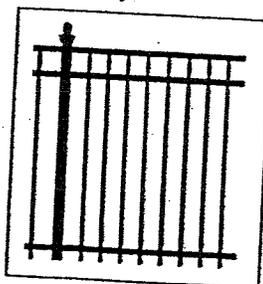
Monumental Iron Works provides you an exceptional ornamental picket fence system. Imperial is an ideal choice for use where elegant simplicity is desired. As with all of Monumental's ornamental fences, the pickets are spaced  $3\frac{31}{32}$  inches apart. While offering the practicality and charm of a traditional picket fence, the

Imperial A



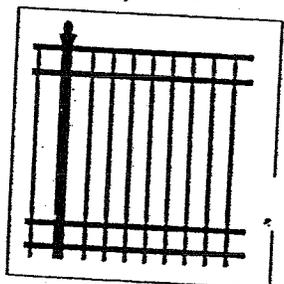
2 horizontal rails

Imperial B



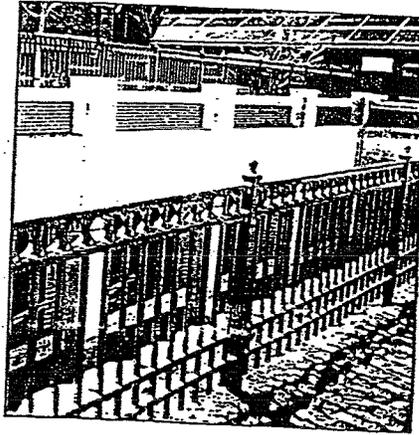
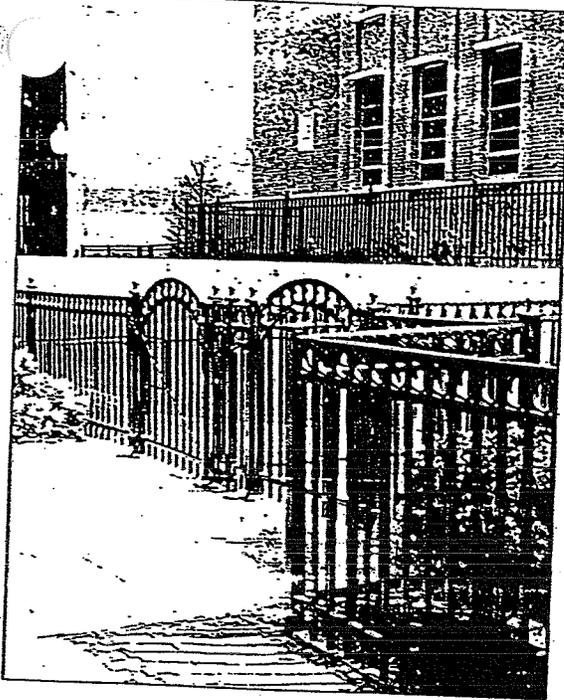
3 horizontal rails

Imperial C



4 horizontal rails

# by Monumental Iron Works



Available With:

**Tubular Pickets**

3/4" - 18 ga. Pickets

1" - 18 ga. Pickets

1" - 16 ga. Pickets

1" - 14 ga. Pickets

*Rails*

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

6' long sections with 15 ga. rails

or

**Solid Steel Pickets**

3/4" Square

*Rails*

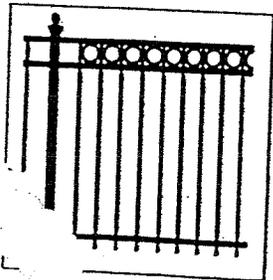
1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

Imperial Style fence and gates by Monumental Iron Works offers a high degree of security.

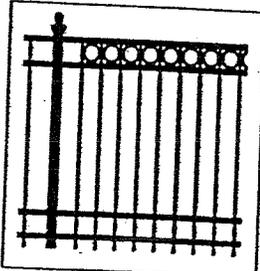
Matching gates are shown on pages 20-29.

Imperial D-Modified



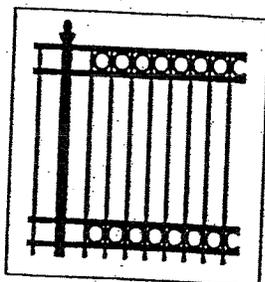
horizontal rails  
1 row rings

Imperial D



4 horizontal rails  
1 row rings

Imperial E

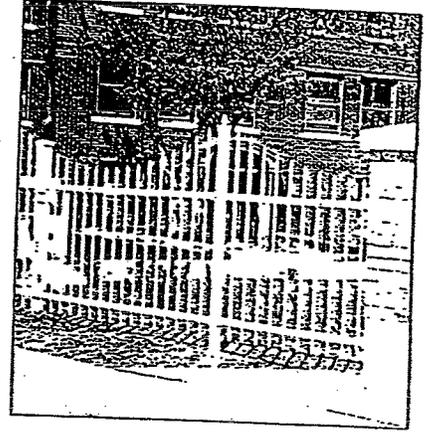
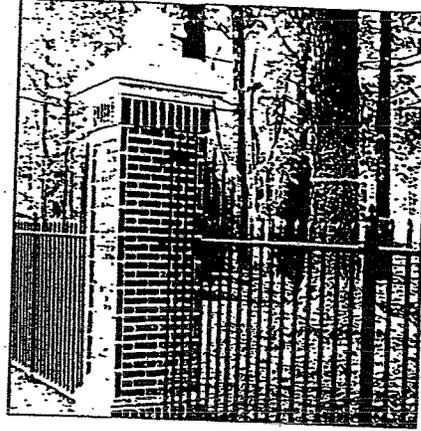


4 horizontal rails  
2 row rings



All parts are galvanized and powder coated

# Estate Style...

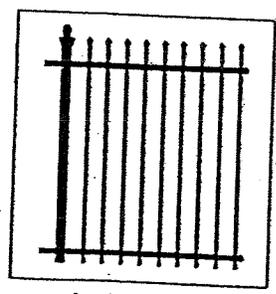


**M**onumental Iron Works Estate Style with pressed point top pickets is contemporary in design. The pressed point tops add security and have an attractive look that is reminiscent of very early English and European iron work and are

noted for their spear like appearance.

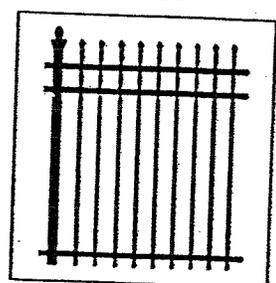
To avoid injury, this style is not recommended when the tops of the pickets are less than 6-feet above the ground. Matching gates are shown on pages 20-29.

Estate A



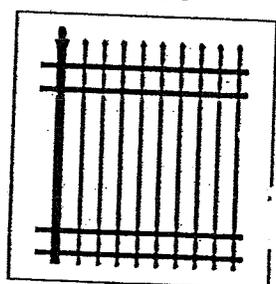
2 horizontal rails  
Pointed Picket Tops

Estate B



3 horizontal rails  
Pointed Picket Tops

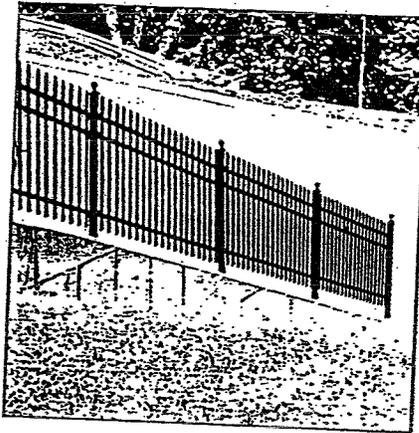
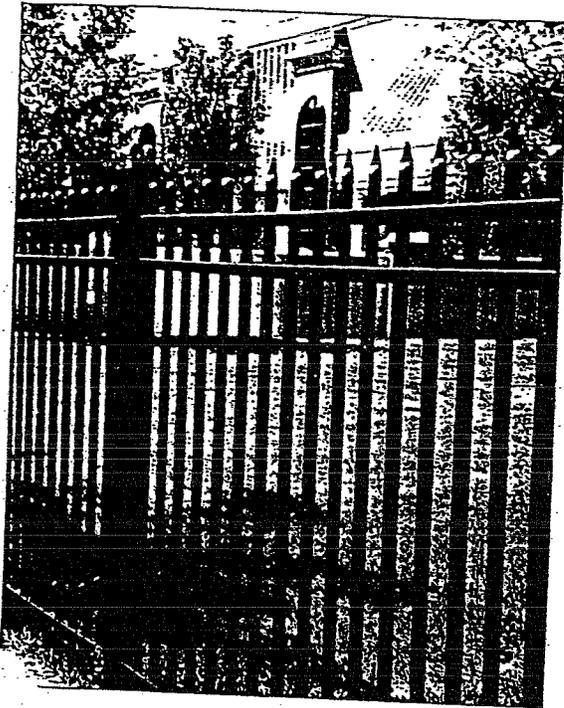
Estate C



4 horizontal rails  
Pointed Picket Tops

# with Pressed Point Tops

## y Monumental Iron Works



Available With:

**Tubular Pickets**

3/4" - 18 ga. Pickets

1" - 18 ga. Pickets

1" - 16 ga. Pickets

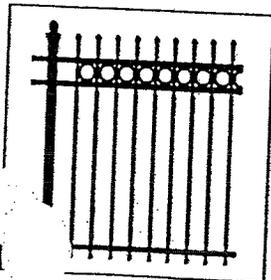
**Rails**

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

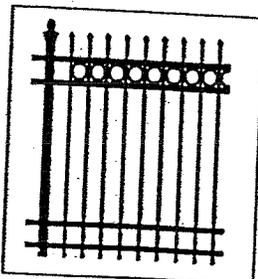
6' long sections with 15 ga. rails

Estate D-Modified



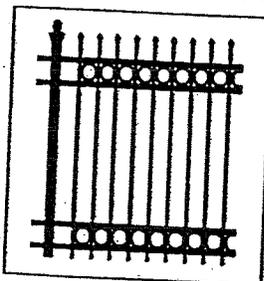
horizontal rails  
1 row rings  
Pointed Picket Tops

Estate D



4 horizontal rails  
1 row rings  
Pointed Picket Tops

Estate E

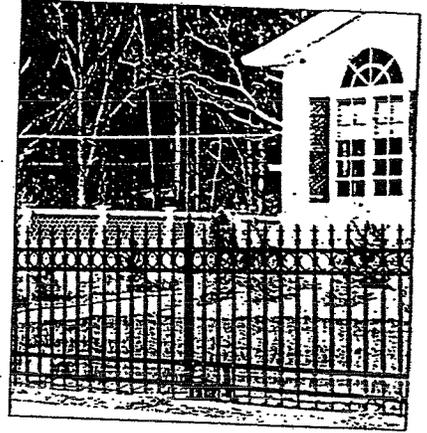
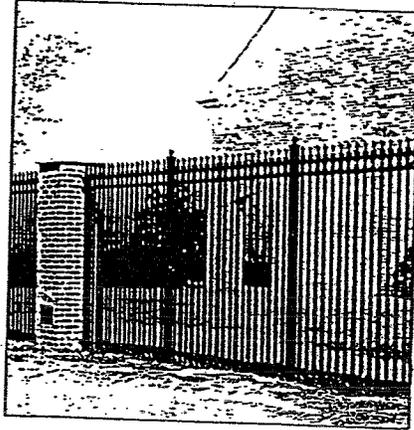
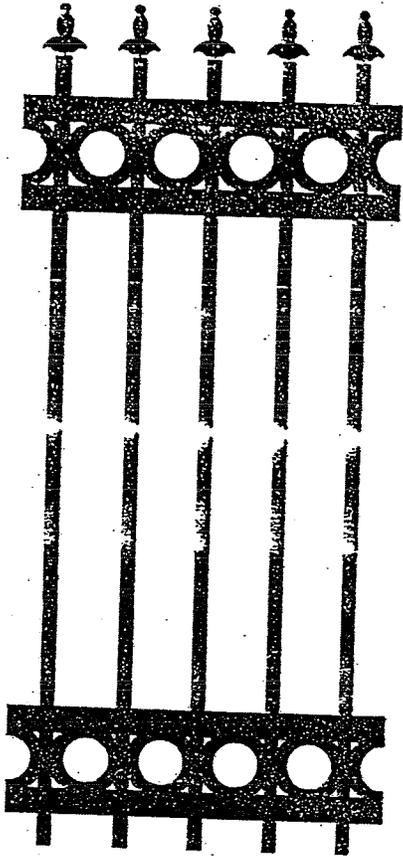


4 horizontal rails  
2 row rings  
Pointed Picket Tops



All parts are galvanized  
and powder coated

# Estate Style...

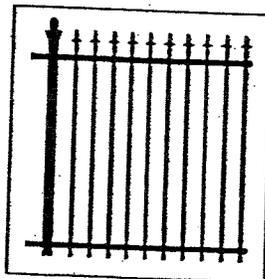


The Estate Style with cast finials on top of the pickets is the most ornate Monumental Iron Works fence. There are three distinctively different finials (ball, spear, or Fleur-de-lis). These beautiful, classic designs add old world charm and dignity to any property. They are even

more attractive when paired with our Monumental Rings.

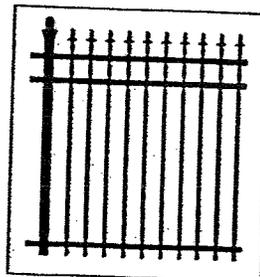
To avoid injury, the spear type finial is not recommended when the tops of the pickets are less than 6-feet above the ground. Matching gates are shown on pages 20-29.

Estate F



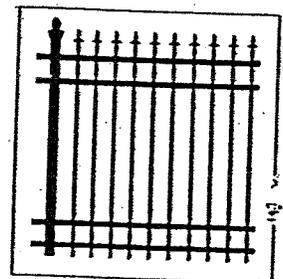
2 horizontal rails  
Finial Top

Estate G



3 horizontal rails  
Finial Top

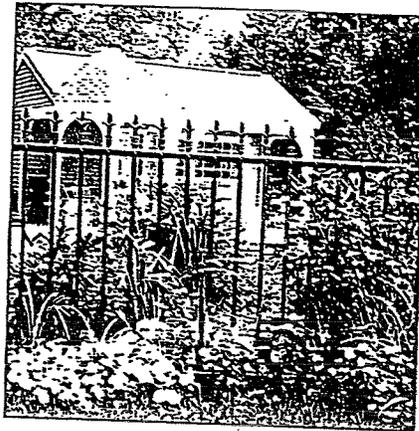
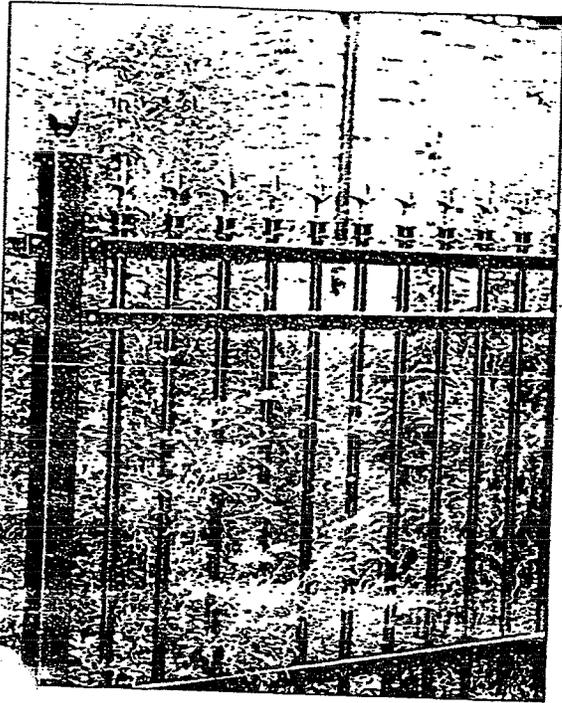
Estate H



4 horizontal rails  
Finial Top

# with Finial Tops

## y Monumental Iron Works



Available With:

Tubular Pickets

3/4" - 18 ga. Pickets

1" - 18 ga. Pickets

1" - 16 ga. Pickets

1" - 14 ga. Pickets

Rails

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

6' long sections with 15 ga. rails

or

Solid Steel Pickets

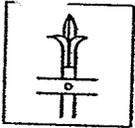
3/4" Square

Rails

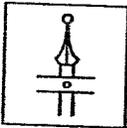
1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

Finial Tops



Spear

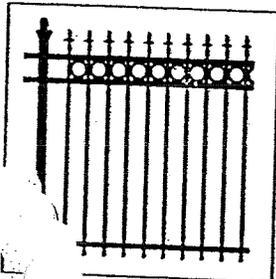


Ball



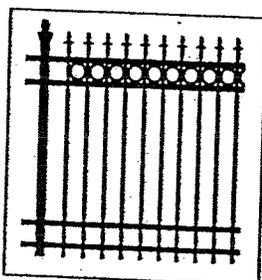
Fleur-de-lis

Estate I - Modified



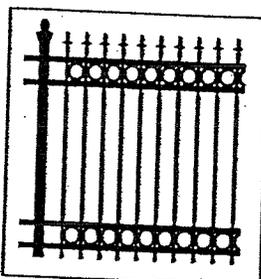
horizontal rails  
1 row rings  
Finial Top

Estate I



4 horizontal rails  
1 row rings  
Finial Top

Estate J

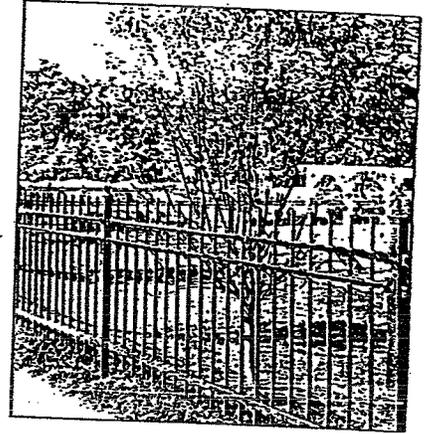
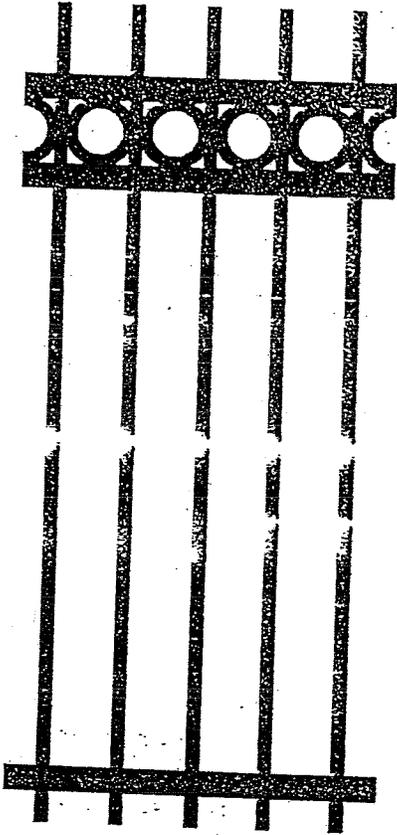


4 horizontal rails  
2 row rings  
Finial Top



All parts are galvanized  
and powder coated

# Estate Style...

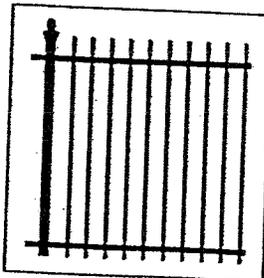


**E**state Style with flat top pickets is the most contemporary look offered in the Estate series. Good looking and long lasting, this fence with the flat top pickets will complement any architectural design.

Every Monumental Iron Works fence is strong,

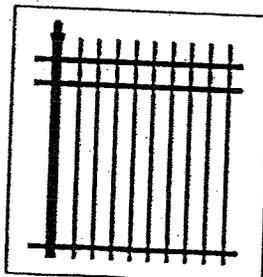
secure and has low maintenance. The discriminating buyer who selects a Monumental Iron Works fence will be proud of his choice. His fence will look far more expensive than it costs. Matching gates are shown on pages 20-29.

Estate K



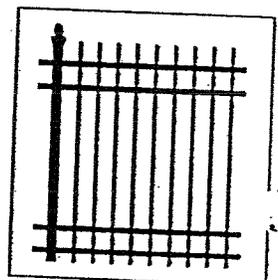
2 horizontal rails  
Flat Top Pickets

Estate L



3 horizontal rails  
Flat Top Pickets

Estate M



4 horizontal rails  
Flat Top Pickets

# with Flat Tops

## y Monumental Iron Works



### Available With:

*Pickets*

3/4" - 18 ga. Pickets

1" - 18 ga. Pickets

1" - 16 ga. Pickets

1" - 14 ga. Pickets

*Rails*

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

6' long sections with 15 ga. rails

or

Solid Steel Pickets

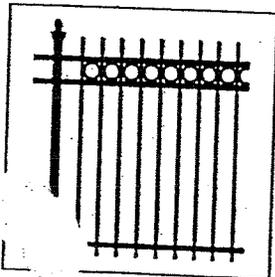
3/4" Square

*Rails*

1 1/2" x 1 3/8" U-Channels

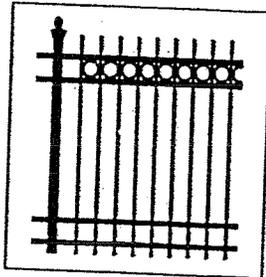
6' or 8' long sections with 11 ga. rails

Estate N-Modified



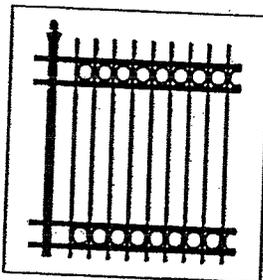
2 horizontal rails  
1 row rings  
Flat Top Pickets

Estate N



4 horizontal rails  
1 row rings  
Flat Top Pickets

Estate O

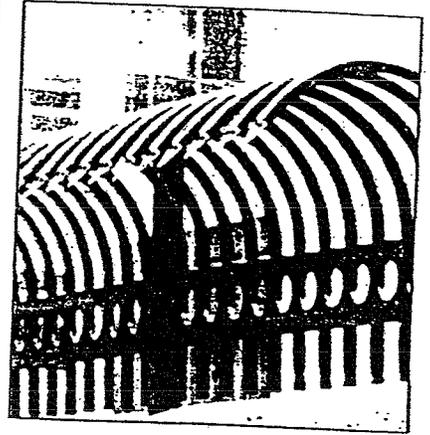
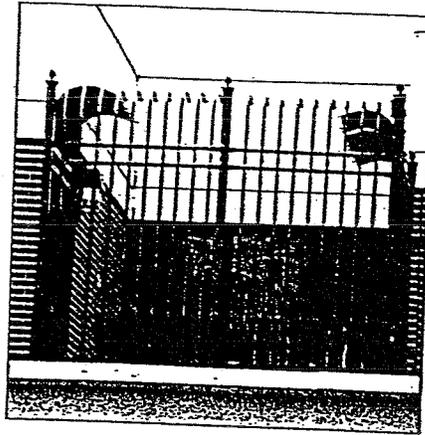
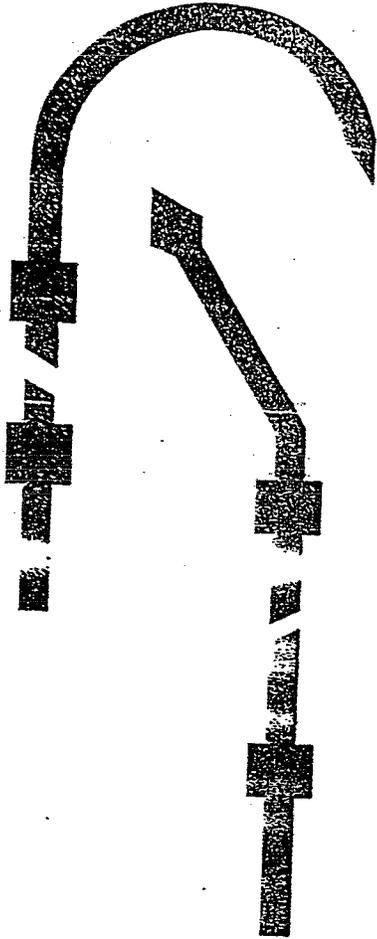


4 horizontal rails  
2 row rings  
Flat Top Pickets



All parts are galvanized  
and powder coated

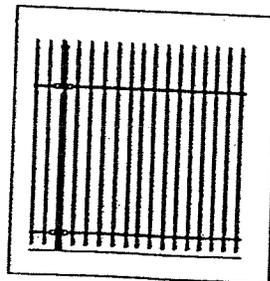
# Fortifier Style...



Skillful design and superior craftsmanship allow Monumental Iron Works' Fortifier and Fortifier Plus styles to give maximum security and add beauty to the architectural design of your project. Choose either the pointed top or flat cut top pickets. Add a row of decorative rings for style.

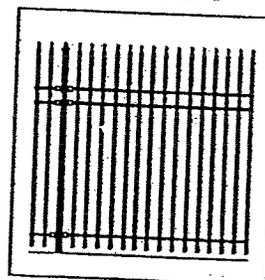
Consider post top options (shown on page 17) for added security as well as attractiveness. When security is your main concern, choose Fortifier Style of ornamental picket fence - you can't go wrong.

Fortifier A or  
Fortifier Plus A



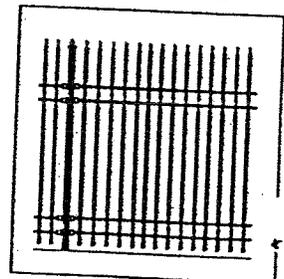
2 horizontal rails  
Fortifier or  
Fortifier Plus Pickets

Fortifier B or  
Fortifier Plus B



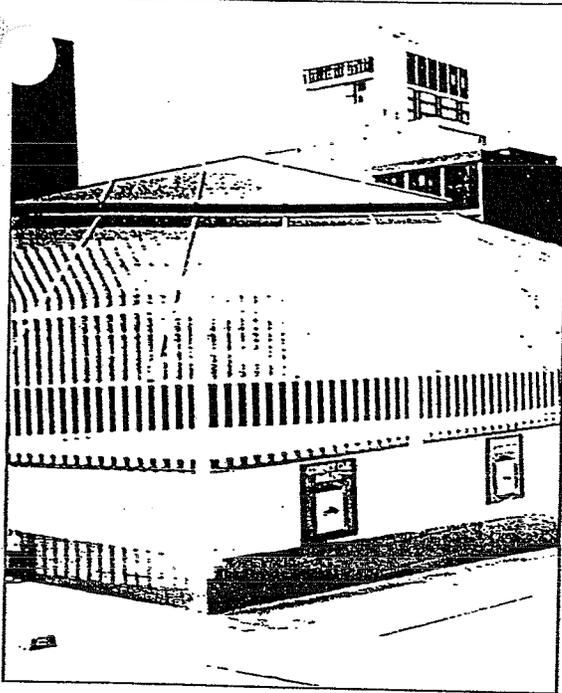
3 horizontal rails  
Fortifier or  
Fortifier Plus Pickets

Fortifier C or  
Fortifier Plus C



4 horizontal rails  
Fortifier or  
Fortifier Plus Pickets

# by Monumental Iron Works



Available With:

**Tubular Pickets**

1" - 18 ga. Pickets

1" - 16 ga. Pickets

1" - 14 ga. Pickets (Flat cut top only)

**Rails**

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

6' long sections with 15 ga. rails

**Solid Steel Pickets**

3/4" Square

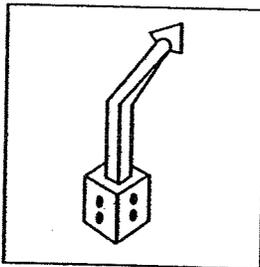
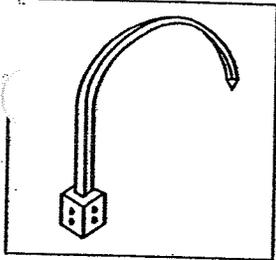
**Rails**

1 1/2" x 1 3/8" U-Channels

6' or 8' long sections with 11 ga. rails

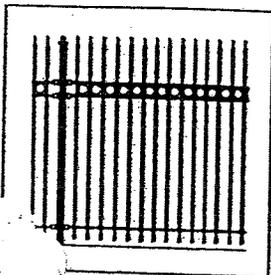
Fortifier A or Fortifier Plus A

Optional Post Tops



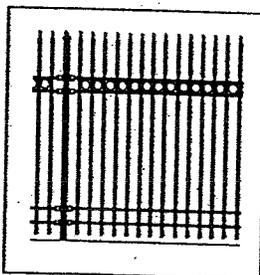
Made to fit end corner or line posts. These tops eliminate any gap in pickets.

Fortifier D Modified  
or Fortifier  
Plus D Modified



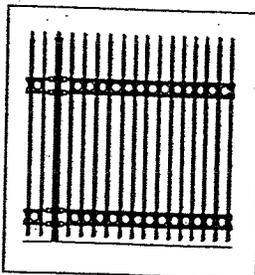
1 horizontal rails  
1 row rings  
Fortifier or  
Fortifier Plus Pickets

Fortifier D or  
Fortifier Plus D

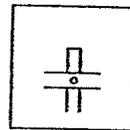


4 horizontal rails  
1 row rings  
Fortifier or  
Fortifier Plus Pickets

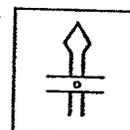
Fortifier E or  
Fortifier Plus E



4 horizontal rails  
2 rows rings  
Fortifier or  
Fortifier Plus Pickets



Flat Top



Pressed Point

Flat Top Pickets may  
be substituted for  
Pressed Point  
when needed.



All parts are galvanized  
and powder coated

# Monumental Iron Works..

1.1 Scope: This specification covers materials and construction requirements for Ornamental Picket fencing.

## 1.2 Materials:

A. Pickets - Made of hot-rolled structural steel. The wall thickness shall be 18 or 16 gauge. Tube shall be manufactured per ASTM A513. Tube shall be hot-dipped galvanized per ASTM A525-G90. Space between pickets shall be 3 31/32" face-to-face.

Size	Wall Thickness	Wgt. Per Ft.	Tensile Strength
3/4"	18 ga.	.467 lbs.	45,000 PSI
1" Sq.	18 ga.	.634 lbs.	45,000 PSI
1" Sq.	16 ga.	.827 lbs.	45,000 PSI
3/4" Sq.	Solid	1.914 lbs.	50,000 PSI

B. Rails - Made of hot-rolled structural steel, rolled into "U" channel measuring 1 3/8" wide x 1 1/2" deep x .120 wall thickness. Manufactured per ASTM A513 and hot-dipped galvanized per ASTM A525-G90.

C. Posts - Shall be hot-rolled structural steel. The wall thickness and weights are shown below. Tube shall be manufactured per ASTM A513. Tube shall be hot-dipped galvanized per ASTM A525-G90.

Size	Wall Thickness	Wgt. Per Ft.	Tensile Strength
2" sq.	14 ga.	2.164 lbs.	45,000 PSI
2 1/2" sq.	14 ga.	2.733 lbs.	45,000 PSI
3" sq.	12 ga.	4.286 lbs.	45,000 PSI
4" sq.	12 ga.	5.770 lbs.	45,000 PSI

D. Rail Attachment Brackets - Die cast of zinc (ZAMAK #3 alloy) per ASTM B86-83Z 33521. Ball and socket design capable of 30° swivel (up/down-left/right). Bracket to fully encapsulate rail end for complete security that is aesthetically pleasing.

E. Finials (when required) - Cast gray iron with minimum 20,000 PSI. Hot-dipped galvanized per ASTM A153.

F. Rings (when required) - Cast aluminum per ASTM A319.

## 1.3 Assembly:

A. Sections shall be assembled using 2, 3, or 4 rails that are punched out to insert pickets through them. Pickets are riveted to rails using a 1/4" industrial drive rivet #MIW 381080691.

B. Rails are attached to posts by means of rail brackets. Rail brackets are attached to posts using a 1/4" bolt and lock nut. Brackets are attached to the rails using 1/4" industrial drive rivets.

C. 4" Rings (when specified) are attached to top rail by inserting mounting blocks into top rail and riveting through side of rail using a 1/4" industrial drive rivet #MIW381030691. The bottom of ring is held in place by inserting dowel that protrudes from ring through predrilled hole in top of bottom rails (9" rings have mounting blocks at top and bottom and require two rivets).

D. Monumental finials are attached to pickets using a 1/4" industrial drive rivet #MIW381030691.

## 1.4 Coating:

Every Monumental Iron Works fence has a galvanized undercoat inside and outside all members to assure maximum corrosion resistance.

All fence components are then given a 4 stage "Power Wash" pre-treatment process that cleans and prepares the galvanized surface to assure complete adhesion of the finish coat.

Stage 1 - All metal is CLEANED and PHOSPHATE treated simultaneously to form an AMORPHOUS STRUCTURE on the galvanized surface for SUPERIOR POWDER COATING ADHESION.



# Basic Specifications

2 - All metal is given a thorough WATER RINSE to prepare the phosphate coated surface for the SEAL (stage 3).

Stage 3 - All metal is given a NON-CHROMATED seal rinse, which further IMPROVES CORROSION RESISTANCE.

NOTE: NON-CHROMATED rinses are environmentally friendly.

Stage 4 - All metal is then baked dry, prior to the POWDER COATING being applied.

All metal is then given a polyester resin based powder coating applied by the electrostatic spray process, to a thickness of 2.5 (.0635 mm) mils. The finish is then baked in a 450 degree F (232° C) (metal temperature) oven for 20 minutes.

STANDARD COLORS - Black, White, Bronze, Green, Tan and Gray

## Monumental Iron Works... Piers

Monumental Iron Works piers can be used in place of stone or brick columns or in place of any posts, including gate posts. MIW piers are available in three distinctive styles.

Available With	Rose Pattern Style UU	Bent Branch Pattern Style VV	Oak Pattern WW
2" sq. posts	13" wide	12 1/2" wide	13" wide
2 1/2" sq. posts	14" wide	13 1/2" wide	14" wide
3" sq. posts	15" wide	14 1/2" wide	15" wide
4" sq. posts	17" wide	16 1/2" wide	17" wide
5" sq. posts	21" wide	20 1/2" wide	21" wide
6" sq. posts	25" wide	24 1/2" wide	25" wide
10" sq. posts	29" wide	28 1/2" wide	29" wide



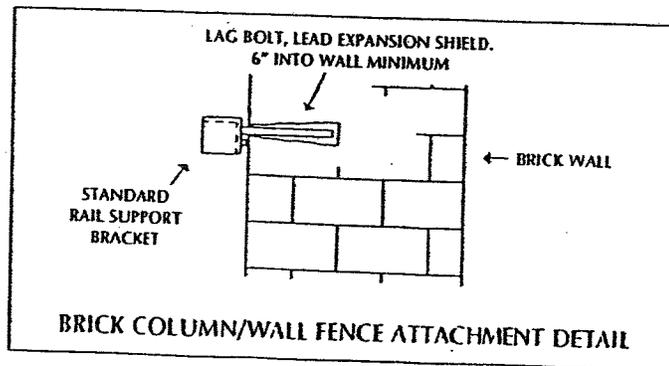
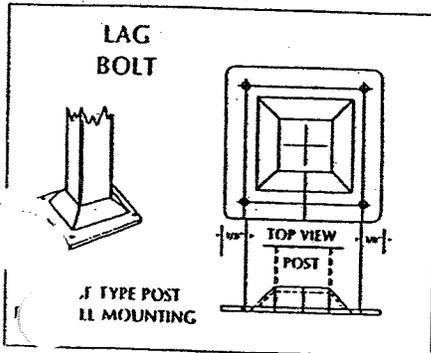
UU



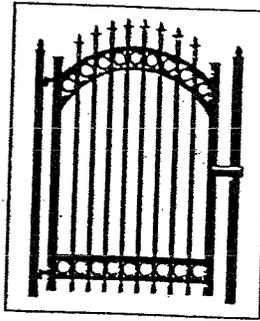
VV



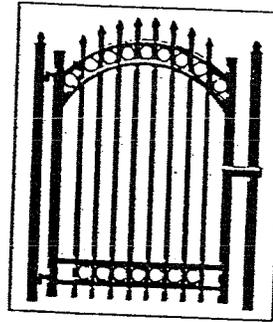
WW



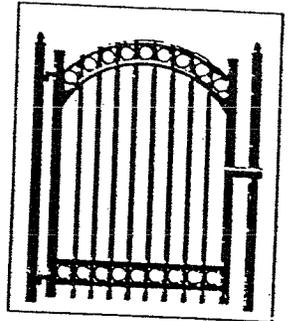
# Monumental Iron Works...



A-3  
Estate Style with Finial  
Tops, Curved Top,  
4 Rails, 2 Rows Rings



D-3  
Estate Style with Pressed  
Point Tops, Curved Top,  
4 Rails, 2 Rows Rings



J-3  
Imperial Style,  
Curved Top, 4 Rails,  
2 Rows Rings



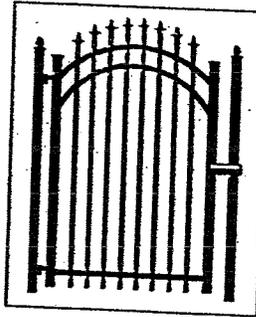
B-3  
Estate Style with Finial  
Tops, Curved Top,  
3 Rails, 1 Row Rings



E-3  
Estate Style with Pressed  
Point Tops, Curved Top,  
3 Rails, 1 Row Rings



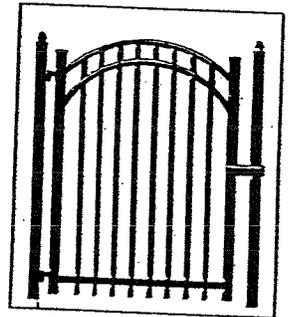
K-3  
Imperial Style,  
Curved Top, 3 Rails,  
1 Row Rings



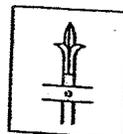
C-3  
Estate Style with Finial  
Tops, Curved Top,  
3 Rails



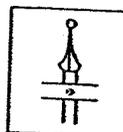
F-3  
Estate Style with Pressed  
Point Tops, Curved Top,  
3 Rails



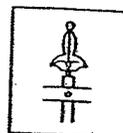
L-3  
Imperial Style, Curved  
Top, 3 Rails



Spear



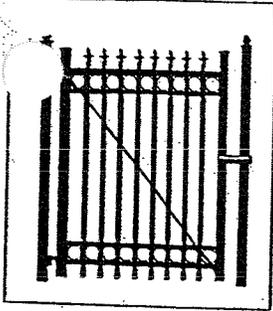
Ball



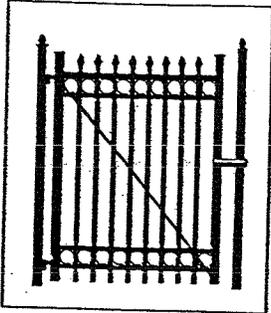
Fleur-de-lis

Any of These finials  
may be used on a  
Finial Style Gates.

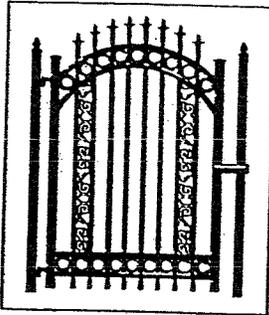
# Single Swing Gates



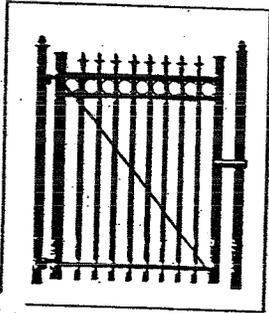
M-3  
Estate Style with Finial  
Tops, 4 Horizontal  
Rails, 2 Rows Rings



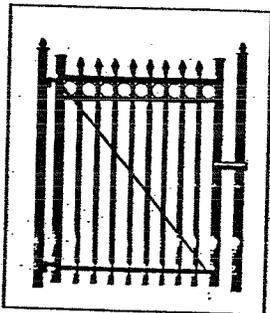
P-3  
Estate Style with Pressed  
Point Tops, 4 Horizontal  
Rails, 2 Rows Rings



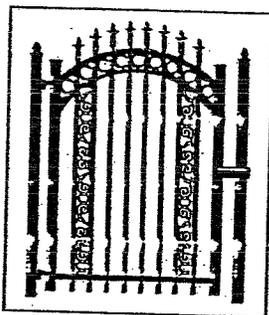
S-3  
Estate Style with Finial Tops,  
Decorative Scrolls, Curved  
Top, 4 Rails, 2 Rows Rings



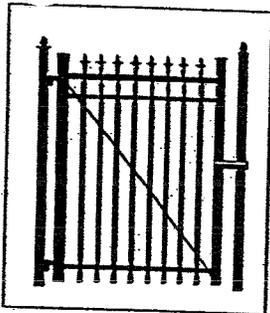
Q-3  
Estate Style with Finial  
Tops, 3 Horizontal  
Rails, 1 Row Rings



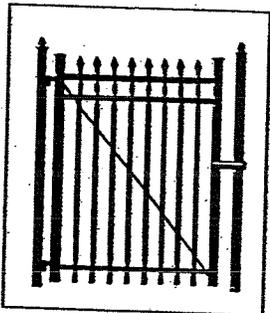
R-3  
Estate Style with Pressed  
Point Tops, 3 Horizontal  
Rails, 1 Row Rings



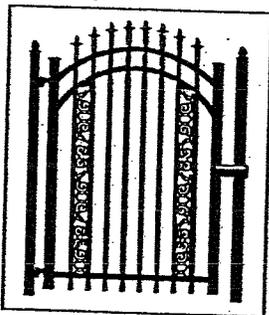
T-3  
Estate Style with Finial Tops,  
Decorative Scrolls, Curved  
Top, 3 Rails, 1 Row Rings



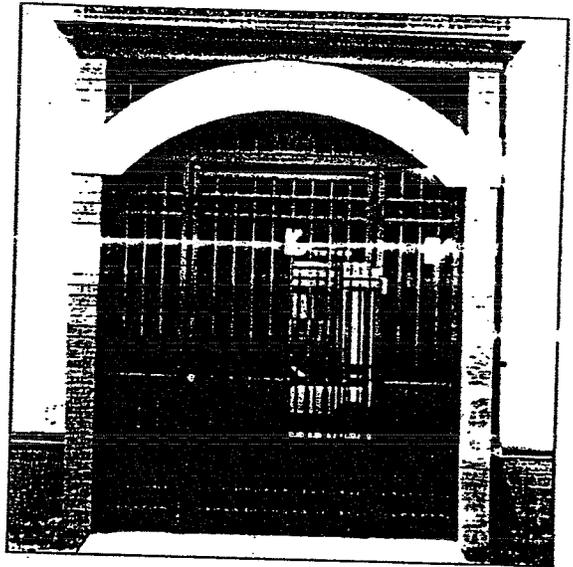
O-3  
Estate Style with Finial  
Tops, 3 Horizontal  
Rails



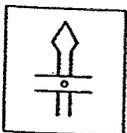
U-3  
Estate Style with  
Pressed Point Tops,  
Decorative Scroll,  
Curved Top, 3 Rails



V-3  
Estate Style with Finial  
Tops, Decorative Scroll,  
Curved Top, 3 Rails



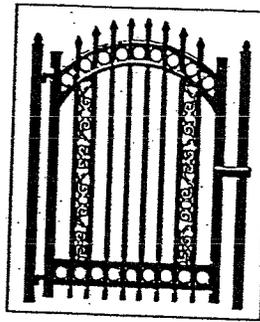
Flat Top



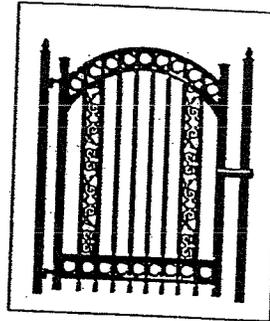
Pressed Point

Flat Top Pickets may be substituted for Pressed Point pickets when needed.

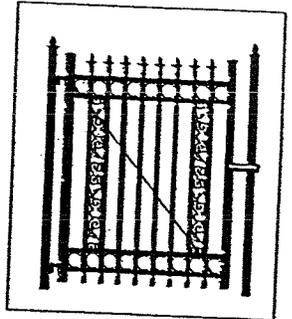
# Monumental Iron Works...



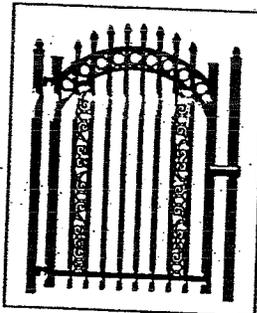
A-4  
Estate Style with Pressed Point-Tops, Decorative Scrolls, Curved Top, 4 Rails, 2 Rows Rings



D-4  
Imperial Style, Decorative Scrolls, Curved Top, 4 Rails 2 Row Rings



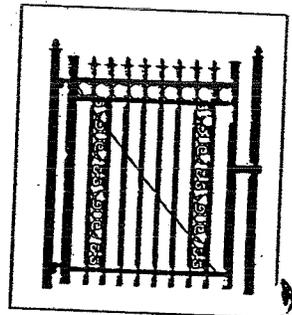
J-4  
Estate Style with Finial Tops, Decorative Scrolls, 4 Horizontal Rails, 2 Rows Rings



B-4  
Estate Style with Pressed Point Tops, Decorative Scrolls, Curved Top, 3 Rails, 1 Row Rings



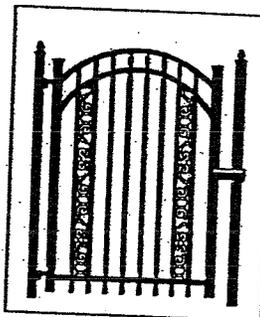
E-4  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails, 1 Row Rings



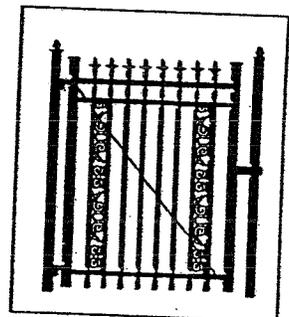
K-4  
Estate Style with Finial Tops, Decorative Scrolls, 3 Horizontal Rails, 1 Row Rings



C-4  
Estate Style with Pressed Point Tops, Decorative Scrolls, Curved Top, 3 Rails

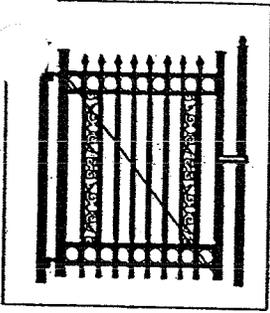


F-4  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails

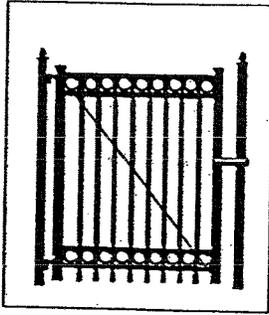


L-4  
Estate Style with Finial Tops, Decorative Scrolls, 3 Horizontal Rails

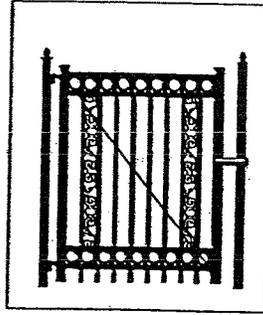
# Single Swing Gates *cont.*



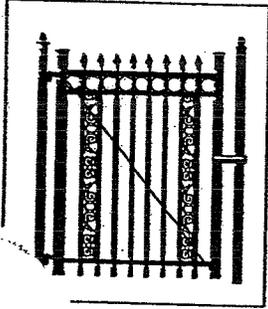
**M-4**  
Estate Style with  
Pressed Point Tops,  
Decorative Scrolls,  
4 Horizontal Rails,  
2 Rows Rings



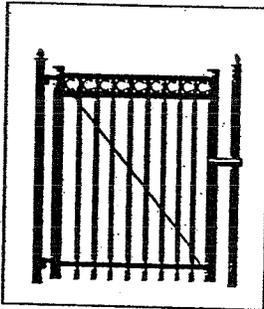
**P-4**  
Imperial Style,  
4 Horizontal Rails,  
2 Rows Rings



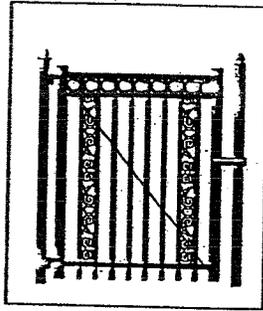
**S-4**  
Imperial Style,  
Decorative Scrolls,  
4 Horizontal Rails,  
2 Rows Rings



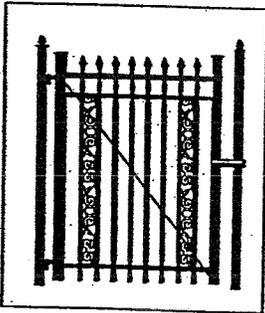
**T-4**  
Imperial Style,  
Decorative Scrolls,  
3 Horizontal  
Rails, 1 Row Rings



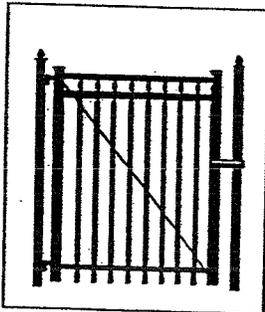
**Q-4**  
Imperial Style,  
3 Horizontal Rails,  
1 Row Rings



**O-4**  
Estate Style with  
Pressed  
Point Tops, Decorative  
Scrolls, 3 Horizontal  
Rails, 1 Row Rings



**R-4**  
Imperial Style,  
3 Horizontal Rails

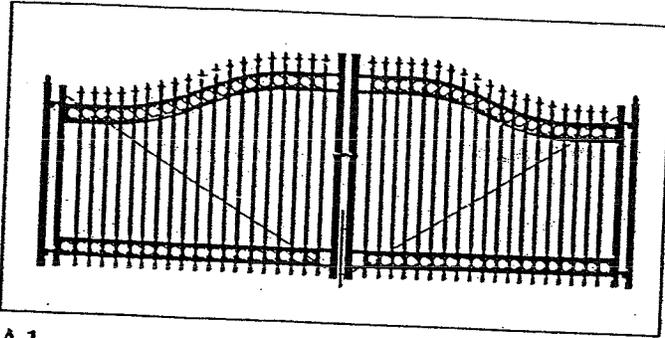


**U-4**  
Imperial Style,  
Decorative Scrolls,  
3 Horizontal Rails

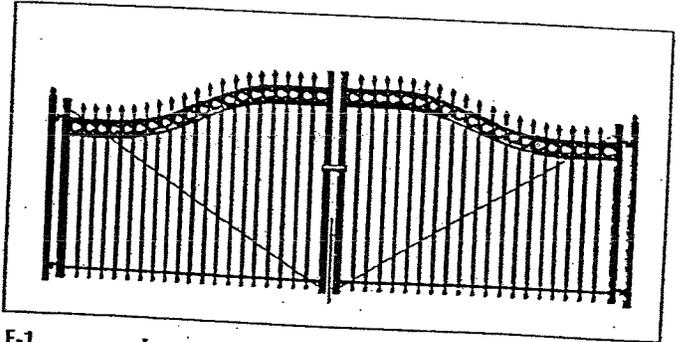


- *Single, manually operated gates 3'0" opening thru 4'0" opening can be self closing and self latching.*
- *Accessories can be gold color or color to match gate.*

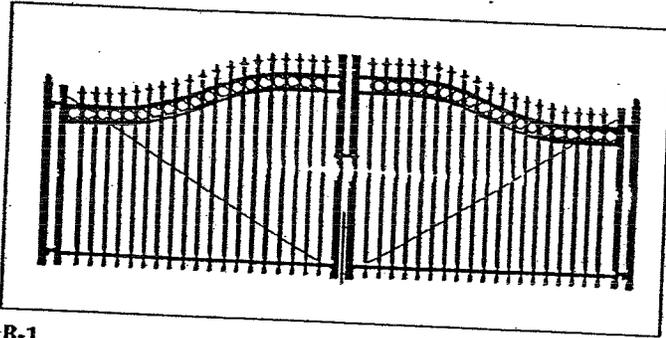
# Monumental Iron Works...



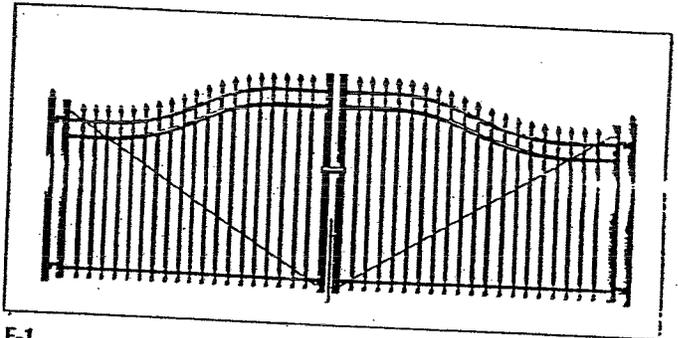
A-1  
Estate Style with Finial Tops, Curved Top, 4 Rails,  
2 Rows Rings



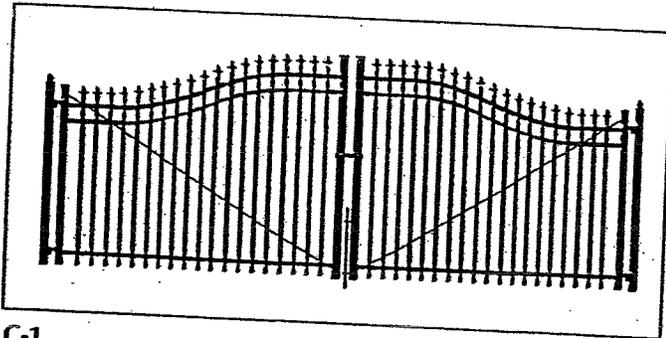
E-1  
Estate Style with Pressed Point Tops, Curved Top, 3 Rails,  
1 Row Rings



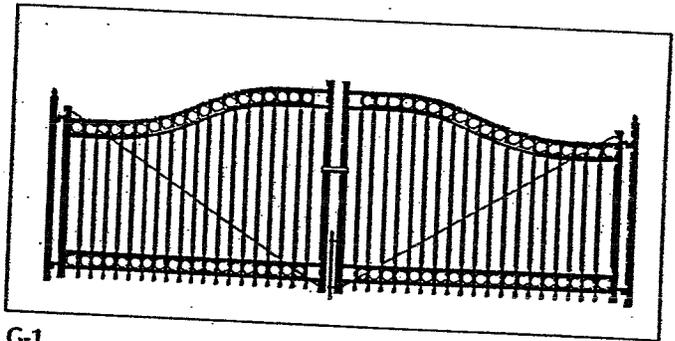
B-1  
Estate Style with Finial Tops, Curved Top, 3 Rails,  
1 Row Rings



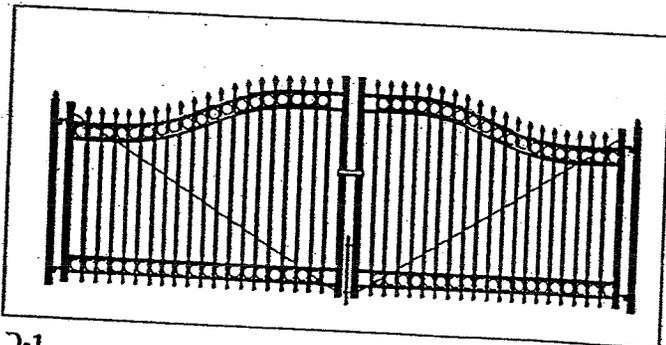
F-1  
Estate Style with Pressed Point Tops, Curved Top, 3 Rails



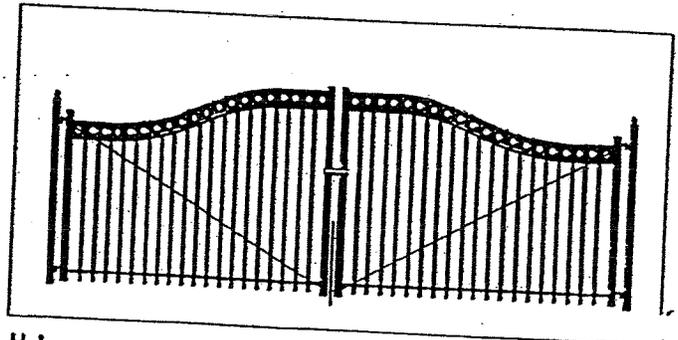
C-1  
Estate Style with Finial Tops, Curved Top, 3 Rails,



G-1  
Imperial Style, Curved Top, 4 Rails, 2 Rows Rings

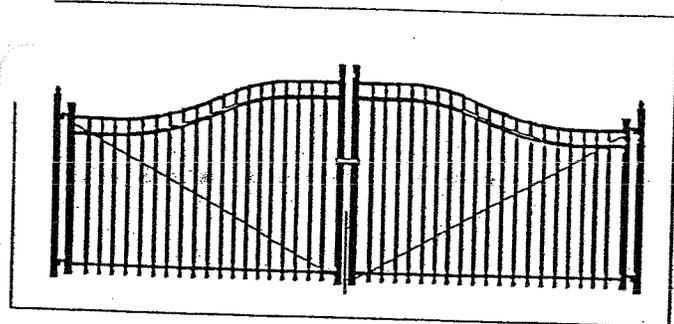


D-1  
Estate Style with Pressed Point Tops, Curved Top, 4 Rails,  
2 Rows Rings

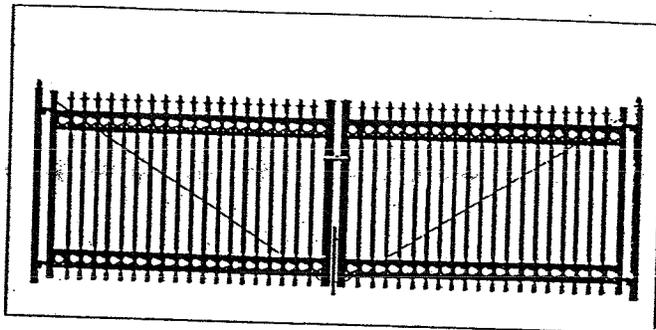


H-1  
Imperial Style, Curved Top, 3 Rails, 1 Row Rings

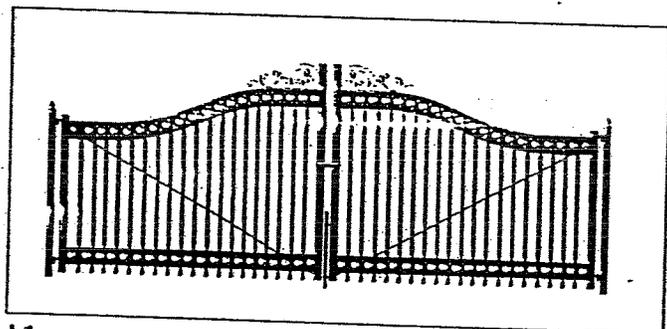
# Double Swing Gates



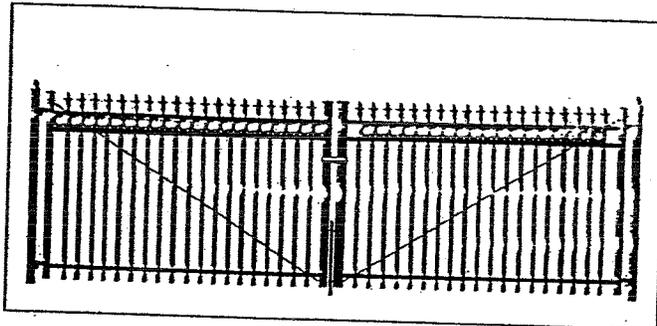
I-1  
Imperial Style , Curved Top , 3 Rails



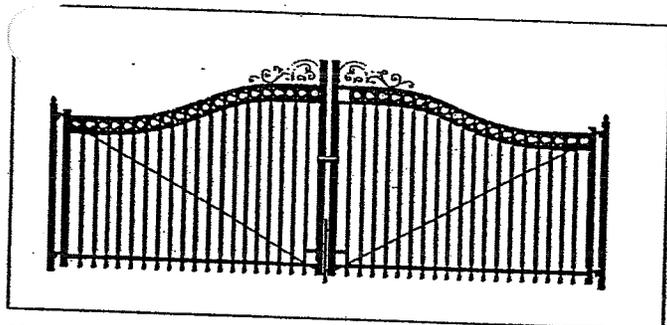
M-1  
Estate Style with Finial Tops , 4 Horizontal Rails , 2 Rows Rings



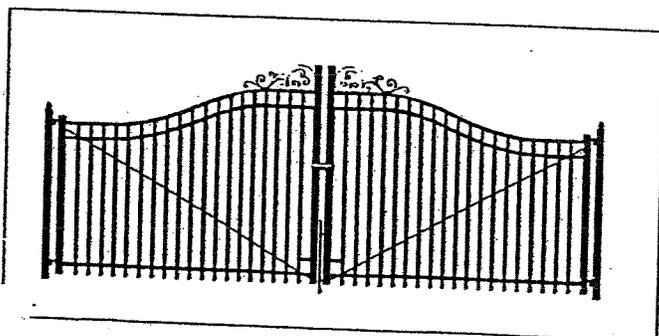
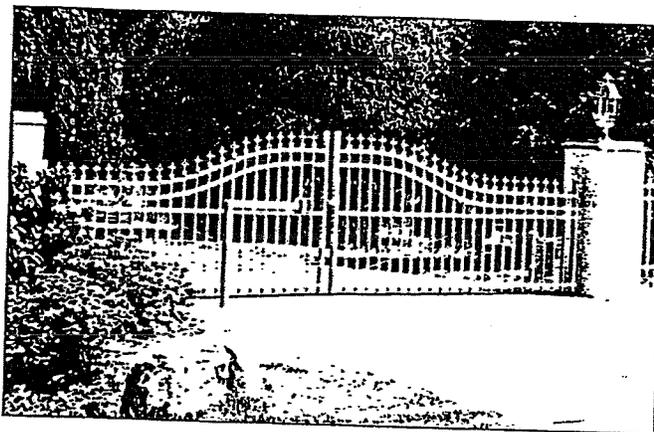
J-1  
Imperial Style , Curved Top , Decorative Scroll , 4 Rails ,  
ws Rings



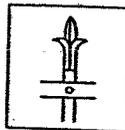
N-1  
Estate Style with Finial Tops , 3 Horizontal Rails , 1 Row Rings



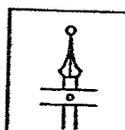
K-1  
Imperial Style , Curved Top , Decorative Scroll , 3 Rails , 1  
Row Rings



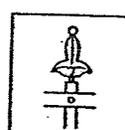
Imperial Style , Curved Top , Decorative Scroll



Spear

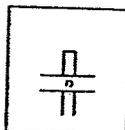


Ball

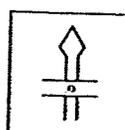


Fleur-de-lis

Any of these finials  
may be added to Finial  
Style Gates.



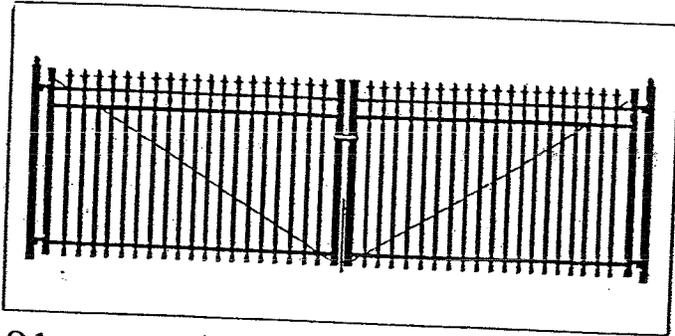
Flat Top



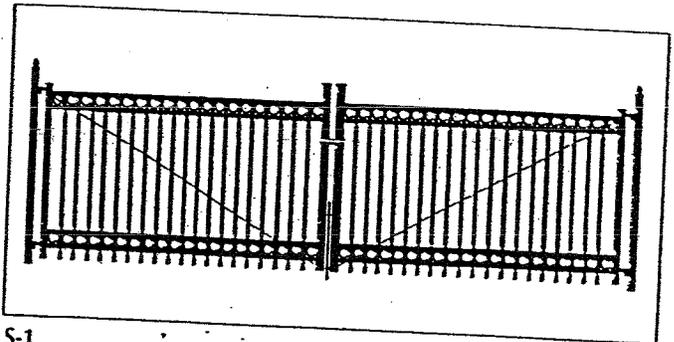
Pressed Point

Flat Top Pickets may be  
substituted for Pressed  
Point pickets when needed.

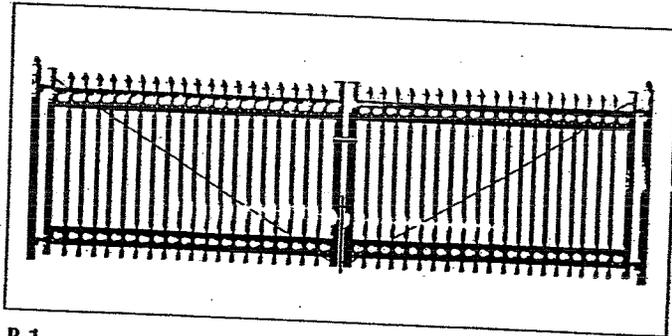
# Double Swing Gates cont.



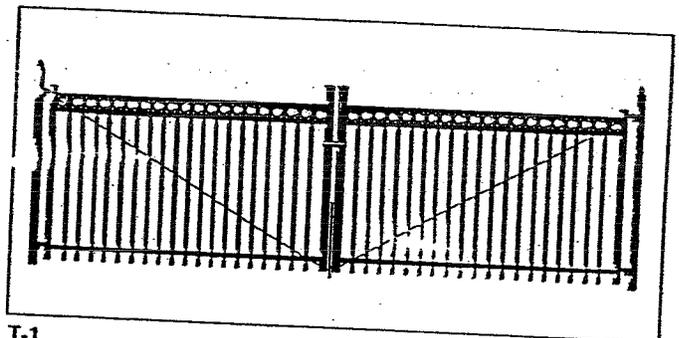
O-1  
Estate Style with Finial Tops , 3 Horizontal Rails



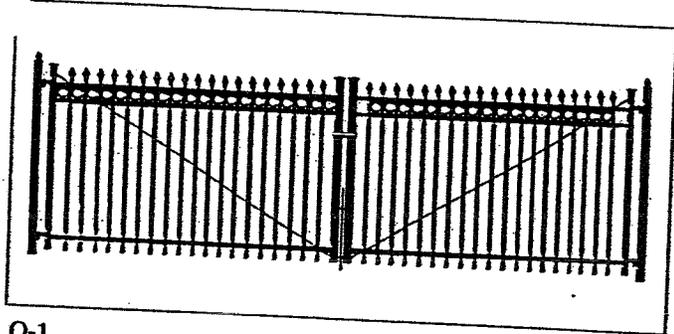
S-1  
Imperial Style, 4 Horizontal Rails, 2 Rows Rings



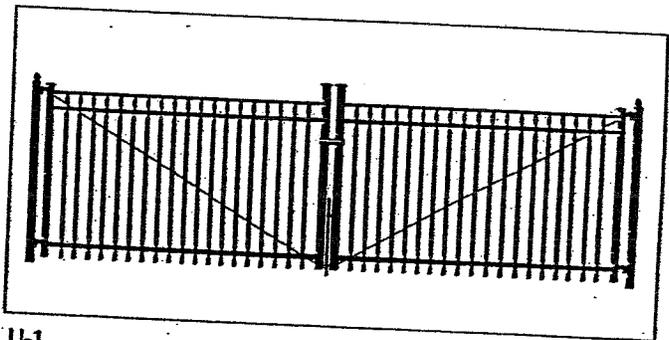
P-1  
Estate Style with Pressed Point Tops , 4 Horizontal Rails , 2 Rows Rings



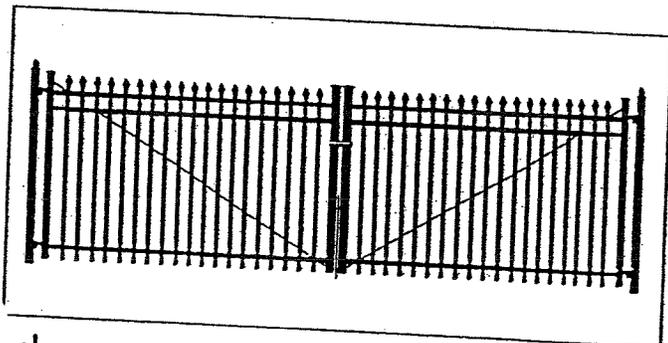
T-1  
Imperial Style, 3 Horizontal Rails, 1 Row Rings



Q-1  
Estate Style with Pressed Point Tops , 3 Horizontal Rails , 1 Row Rings

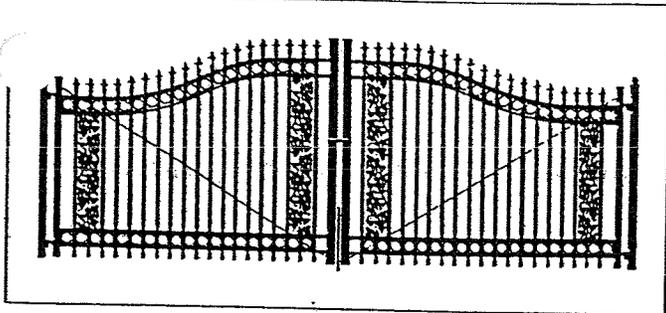


U-1  
Imperial Style, 3 Horizontal Rails,

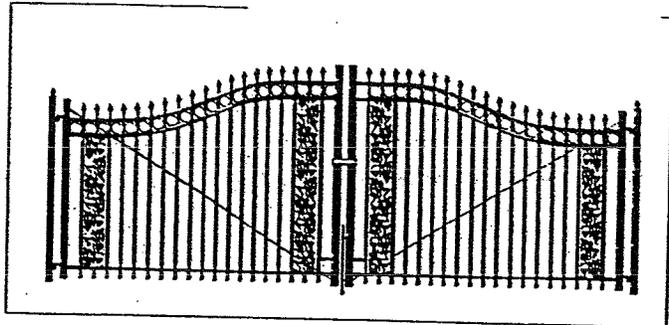


V-1  
Estate Style with Pressed Point Tops  
Horizontal Rails

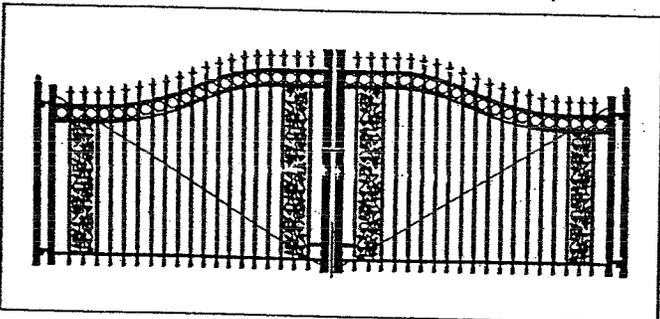




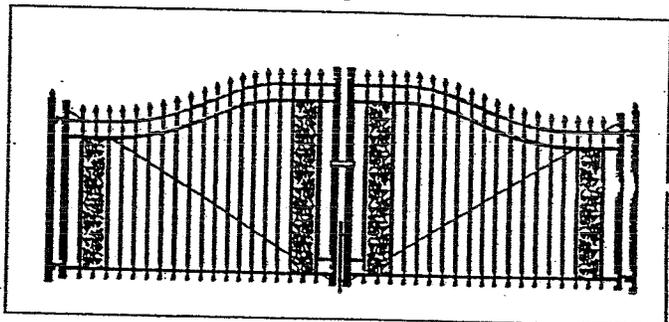
A-2  
Estate Style with Finial , Decorative Scrolls, Curved Top  
4 Rails, 2 Rows Rings



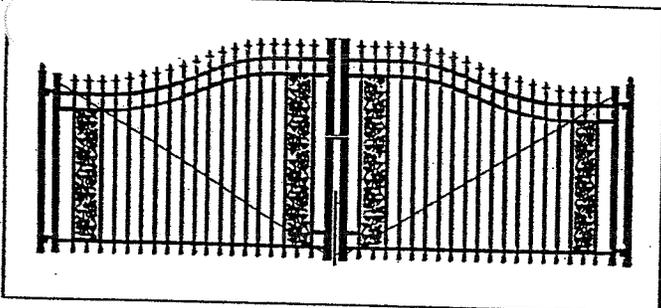
E-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
Curved Top, 3 Rails, 1 Row Rings



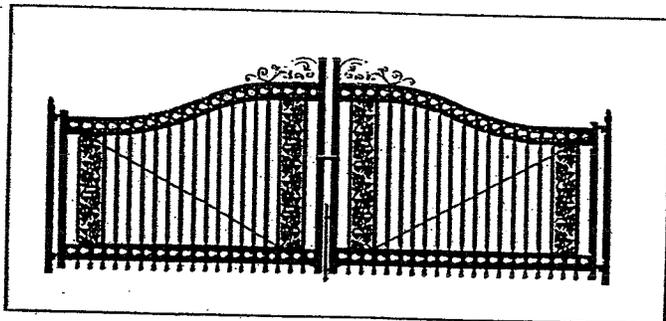
B-2  
Estate Style with Finial Tops, Decorative Scrolls, Curved Top,  
4 Rails, 1 Row Rings



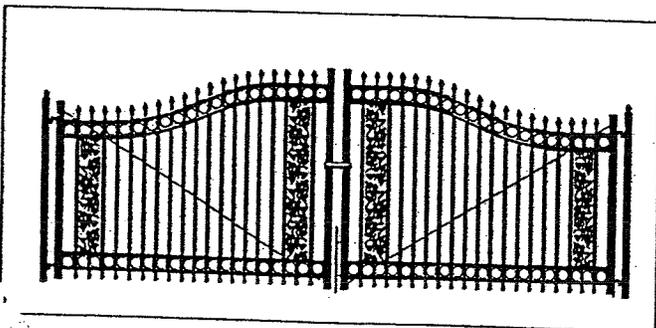
F-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
Curved Top, 3 Rails



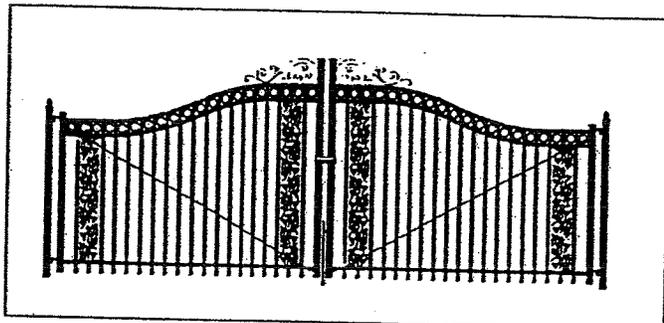
C-2  
Estate Style with Finial Tops, Decorative Scrolls, Curved Top,  
3 Rails



G-2  
Imperial Style, Decorative Scrolls, Curved Top, 4 Rails,  
2 Rows Rings

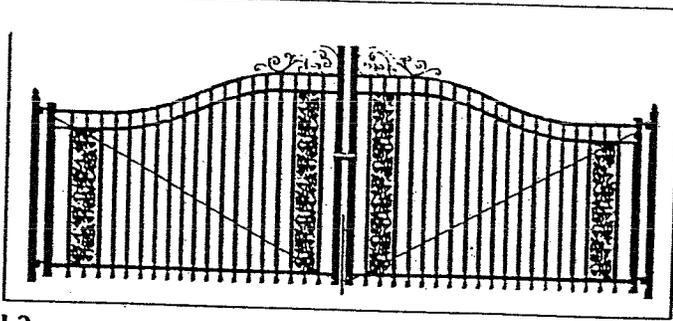


D-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
Curved Top, 4 Rails, 2 Rows Rings

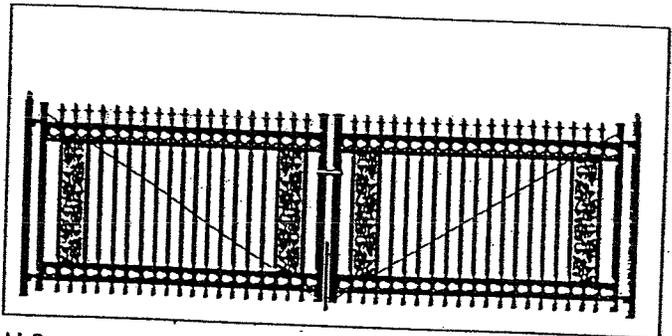


H-2  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails,  
1 Row Rings

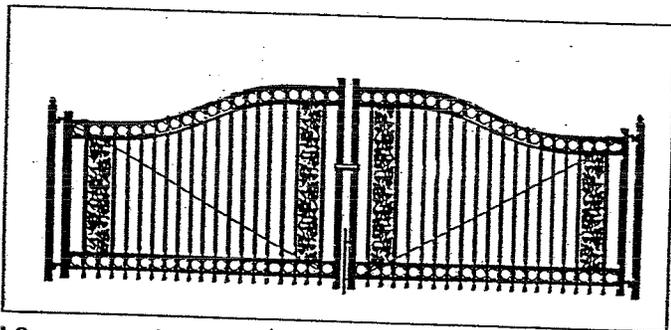
# Double Swing Gates *cont.*



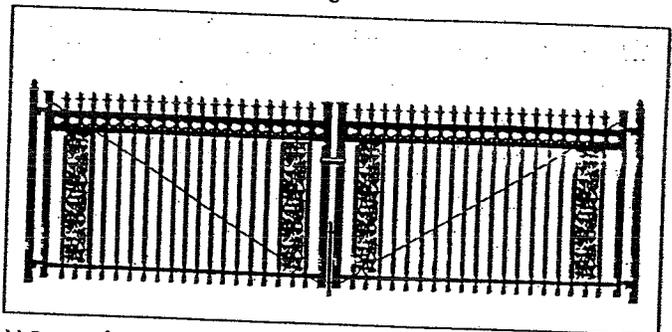
I-2  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails



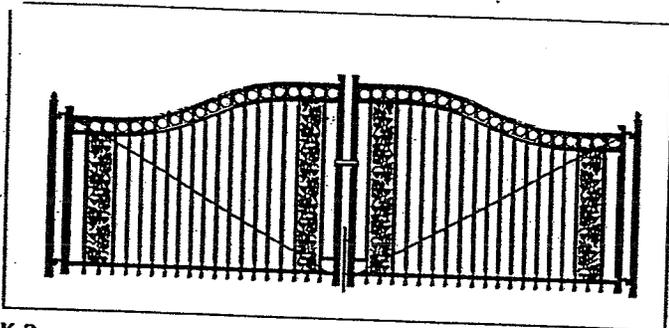
M-2  
Estate Style with Finial Tops, Decorative Scrolls,  
4 Horizontal Rails, 2 Rows Rings



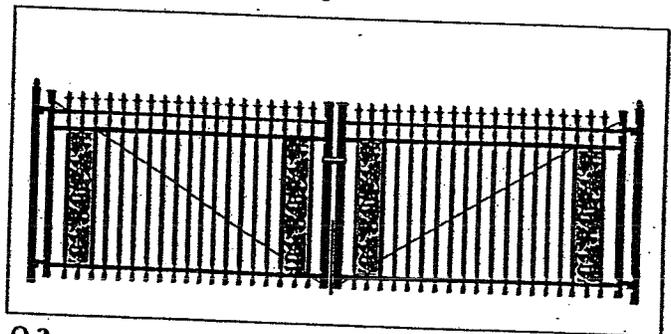
L-2  
Imperial Style, Decorative Scrolls, Curved Top, 4 Rails,  
2 Rows Rings



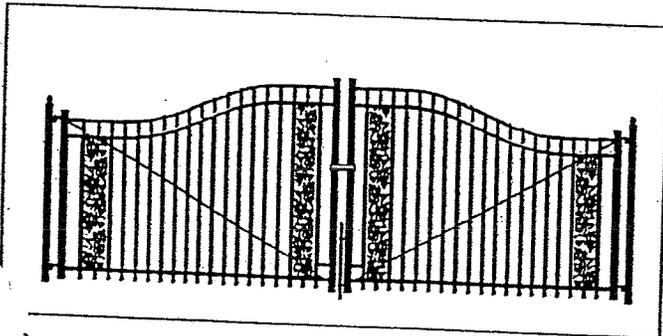
N-2  
Estate Style with Finial Tops, Decorative Scrolls,  
3 Horizontal Rails, 1 Row Rings



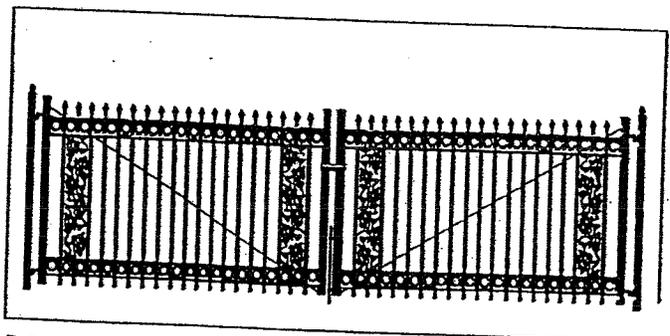
K-2  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails,  
1 Row Rings



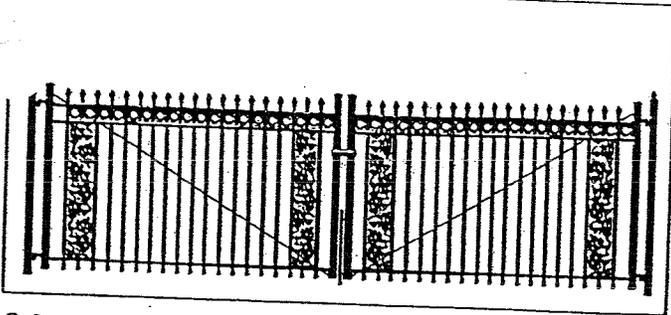
O-2  
Estate Style with Finial Tops, Decorative Scrolls,  
3 Horizontal Rails



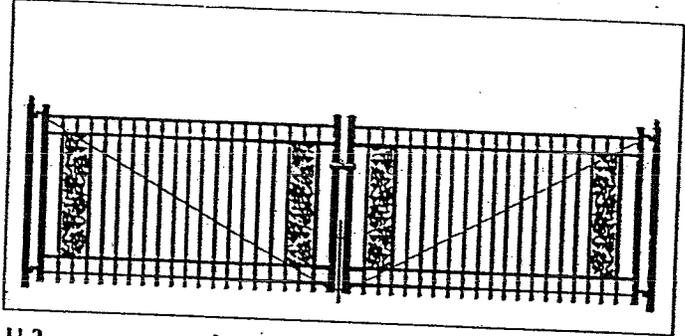
J-2  
Imperial Style, Decorative Scrolls, Curved Top, 3 Rails



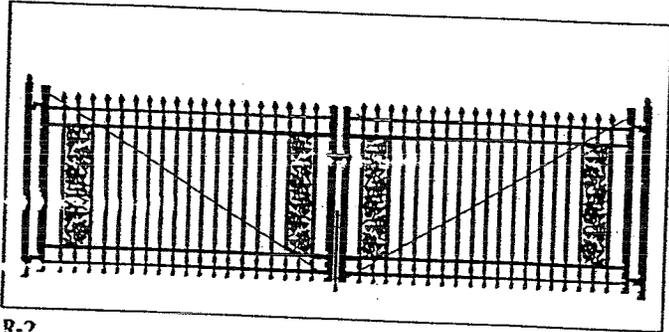
P-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
4 Horizontal Rails, 2 Rows Rings



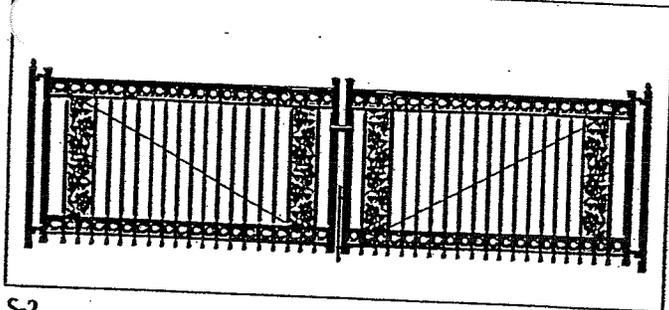
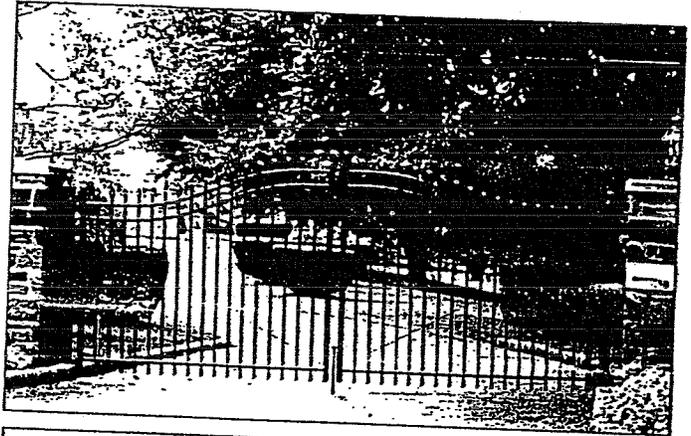
Q-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
3 Horizontal Rails, 1 Row Rings



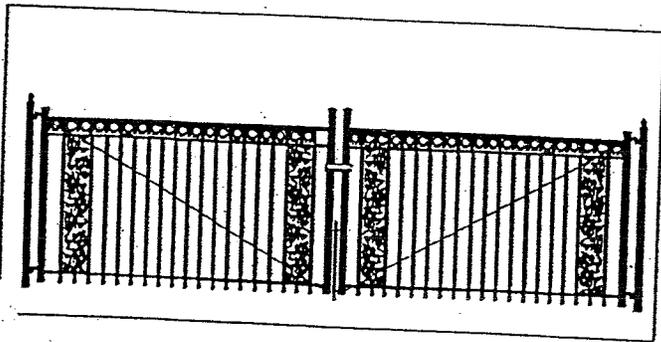
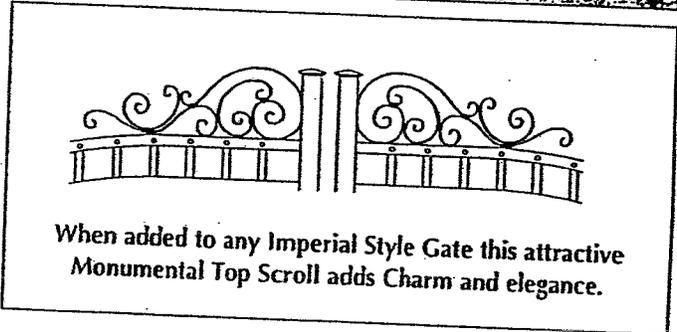
U-2  
Imperial Style, Decorative Scrolls, 3 Horizontal Rails



R-2  
Estate Style with Pressed Point Tops, Decorative Scrolls,  
3 Horizontal Rails



S-2  
Imperial Style, Decorative Scrolls, 4 Horizontal Rails,  
2 Rows Rings



T-2  
Imperial Style, Decorative Scrolls, 3 Horizontal Rails,  
1 Row Rings

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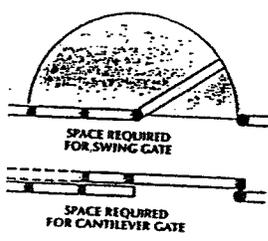
# Monumental Iron Works...

**W**hy is the Monumental Iron Works cantilever slide gate superior to any other available today? Quite simply, our innovative enclosed roller trucks make MIW cantilever slide gates operate smoothly year-after-year. In fact, your entire MIW cantilever slide gates carry a 5-year guarantee against any defect in material or manufacturing. Who else is that confident?



## SAVE SPACE AND EFFORT

Cantilever slide gates provide more usable space than swing gates. And although so easily operated by one person, MIW Cantilever Slide Gates are adapted to any automatic electric operation when the occasion requires.



Monumental Iron Works cantilever slide gates provide more usable space than swing gates, and they are readily adapted to any type of automatic electric operation. Standard MIW cantilever slide gates are as large as 50 foot single or 100 foot double openings. We make them even wider by special design.

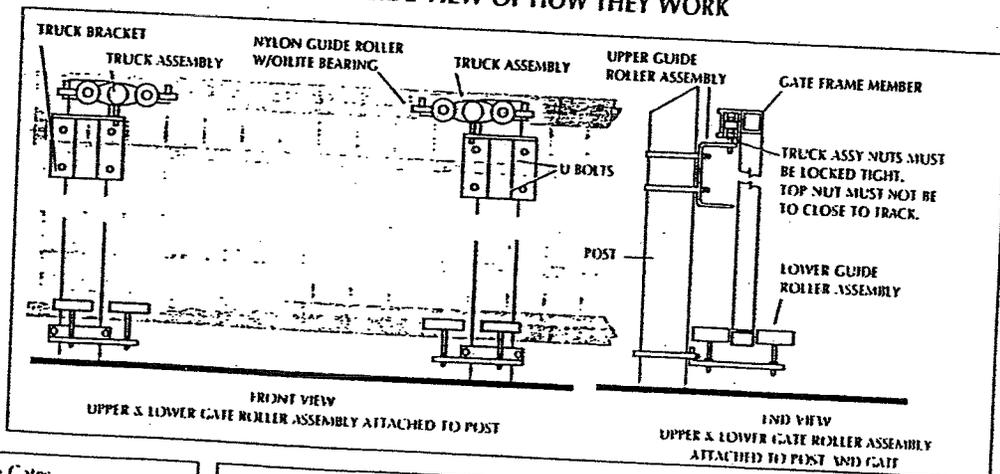
Our patented, anti-friction, factory lubricated and sealed roller bearing truck assembly seldom needs maintenance. Its unique construction protects the assembly from dirt and debris. The gate is supported entirely at the top gate frame member. There is no need for ground level wheels that are frequently a source of operating problems.

Monumental's cantilever slide gates are safe. Because the trucks are enclosed, there are no moving wheels that can crush fingers or hands of playful children of any age.

The one-piece track/frame member is a thick walled extrusion of corrosion resistant aluminum. It is sturdily and securely welded into the all-aluminum frame to serve as the horizontal top rail of the gate with the adjoining track becoming an integral part of the frame. The track cannot get out of alignment.

The welded construction of the gate frame, with all members fabricated from square, 100% aluminum alloy framing, provides the highest strength-to-weight ratio of any gate construction.

## AN INSIDE VIEW OF HOW THEY WORK



Single Gates  
from 1'0" to 22'0" opening

Double Gates  
from 6'0" to 44'0" opening

Single Gates  
from 23'0" to 30'0" opening

Double Gates  
from 46'0" to 60'0" opening

Single Gates  
from 11'0" to 40'0" opening

Double Gates  
from 62'0" to 80'0" opening

Single Gates  
from 41'0" to 50'0" opening

Double Gates  
from 82'0" to 100'0" opening

CALL FOR DIMENSIONS FROM DRAWING

# Cantilever Slide Gates

## THE PRINCIPLE OF EXCLUSIVE MONUMENTAL IRON WORKS CANTILEVER SLIDE GATES

The size of the driveway opening between gate posts designates the reference size of a cantilever gate (a 20' opening takes a 20' gate). However, to use the cantilever principle, an extra section, which contains no pickets, requires that the corresponding footage along the fence line must be available to allow the gate to open fully. MIW's added section, however, is shorter than the overhanging of any other free hanging gate on the market.

One roller bearing truck assembly is mounted on the gate post that supports the gate. A second roller bearing truck assembly is mounted on a second post (overhang post) which is placed at a specified distance down the fence line. The distance varies with the size of the overhang which, in turn, varies with the size of the gate.

The track section of the top frame member of the gate is slid over both these truck assemblies. The gate is adjusted for proper operation and stops are installed to stop the gate at the exact positions required.

The weight of the gate is distributed depending upon the position of the gate. The ball bearing truck assemblies sometimes bear against the top part of the track and at other positions bear against the bottom part of the track.

With this exclusive MIW arrangement, no wheels or supports of any kind are required on the bottom of the gate (just guides on the bottom of the posts to keep the gate from swinging).

Thus, MIW Cantilever Slide Gates can be passed over any surface. This is an exceptional advantage when required to pass over unpaved or uneven driveways, railroad tracks, etc.

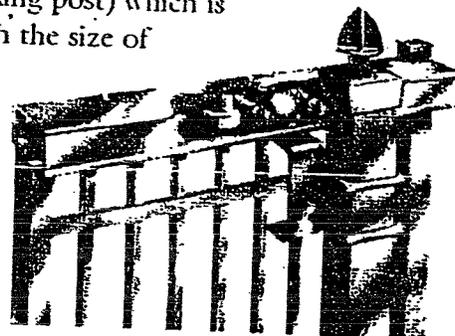
## OUR TRACK DOESN'T BOLT ON. IT'S PART OF THE FRAME.

More than 30 years ago, Monumental Iron Works engineering team developed the enclosed track, with internal roller, cantilever slide gate. The gate was truly an accomplishment, far ahead of its time.

Today, some companies with little or no engineering experience are copying what they think they see; unaware of what really makes the Monumental Iron Works gate operate properly. Don't fall prey to an unproven look alike. Demand a genuine Monumental Iron Works gate. It works right every time. We guarantee it!

- Monumental Iron Works track and top frame member is a one-piece aluminum extrusion made of high tensile strength alloy (6063-T6).
- Similar gates manufactured by others are often made by bolting an aluminum track to a steel frame gate. Since aluminum and steel have different coefficients of expansion, this can cause warping.
- The Monumental Iron Works Cantilever Gate is a welded aluminum frame that is not subject to loose bolts or warpage.

Factory lubricated and sealed roller bearings enclosed in the one-piece track frame member provided practically maintenance free performance.



Note how the vertical member of the gate is securely welded to the one piece track/frame member. The track cannot get out of alignment.

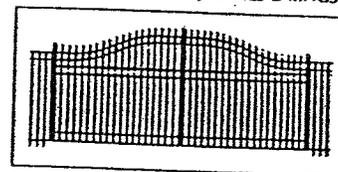
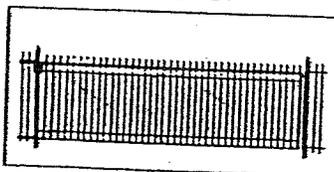
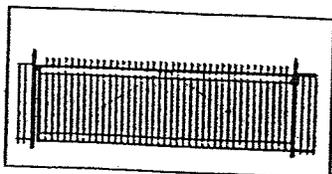
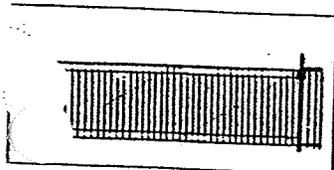
Rollers are inside one piece enclosed track and frame extrusion. This eliminates ice-snow-dirt-sand and similar problems

PLAIN TOP

POINTED TOP

FINIAL TOP

CURVED TOP W/FINIALS & RINGS



# Monumental Iron Works... Cantilever Slide Gates *cont.*

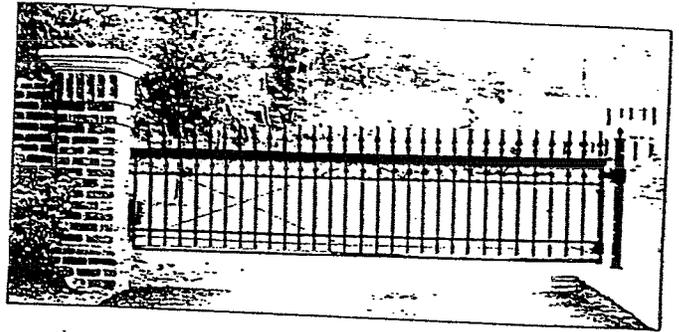
## ACCESSORIZE TO CREATE A WORK OF BEAUTY



MIW #A 2

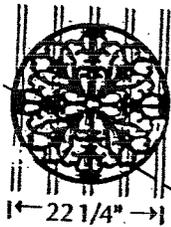
This beautiful scroll is called "Twisted Branches". It is 4" wide and therefore can be installed between the pickets of any Monumental Iron Works' gate or fence. It will add a charm previously unattainable in these types of ornamental picket fences.

We recommend this style especially for gate panels under 5' in width.



MIW 617 F

This attractive Florentine Circle design will add distinction to any ornamental picket gate. Used alone or in combination with the vertical scrolls shown above.



MIW #75



This distinctively beautiful Monumental Rose pattern adds an air of beauty seldom seen in fencing today. This 8" wide pattern fits nicely between alternate pickets. (The intermediate picket is eliminated.)

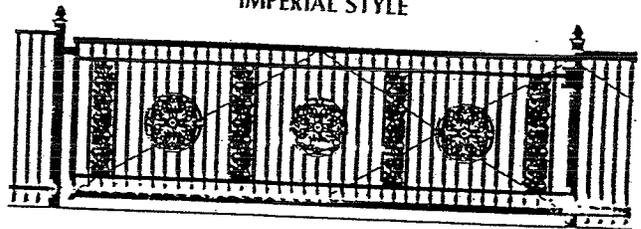
This style looks best in gates wider than 5' or double gates 10' and wider.

MIW 3 LK

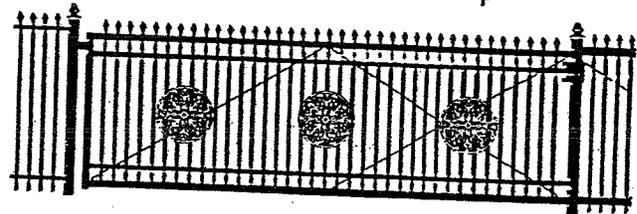
Add your monogram to personalize any Monumental Iron Works gate.



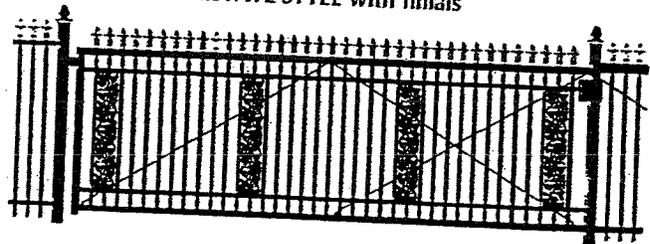
IMPERIAL STYLE



ESTATE STYLE with Pointed Top



ESTATE STYLE with finials



These items as well as the rings and finials may be coated to match the fence or they may be gold color