

# iDeal

aluminum

fence

gates

railing

# ABOVE and BEYOND



Division 5 & 32  
[ideal-ap.com](http://ideal-ap.com)

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# CUSTOM Solutions

iDeal Aluminum Products is passionately committed to supplying the best quality aluminum fence, gates and railings.

We are constantly exploring new trends and ideas that define the future of our industry. We are available to discuss any custom needs you may have for your project.

Electronic versions of our brochures, specifications and details are available on our website, [www.iDeal-AP.com](http://www.iDeal-AP.com), or see our profile page on CADdetails ([www.caddetails.com](http://www.caddetails.com)).

Please contact our Director of Architectural Sales or your local sales representative for further information or questions.

GO GREEN  
WITH iDeal

## **GREEN ALUMINUM**

Ideal Aluminum Products uses extrusions made from 75% recycled (secondary) 6XXX series of aluminum alloys. This material is received and recycled from local suppliers. The remaining 25% of our production is from primary billet, which typically contains 3-5% recycled aluminum. All of our supplier's end aluminum products are 100% recyclable with no downgrading of the material qualities. Over 30% of the aluminum produced worldwide now comes from secondary sources (recycled material). The re-melting of aluminum requires little energy as well; only about 5 percent of the energy required to produce the primary metal initially is needed in the recycling process.

## **GREEN POWDER COATING STATEMENT**

The powder coatings produced by PPG incorporate raw materials that are free of manufacturing process does not generate any airborne contaminants. The powder manufacturing equipment is cleaned utilizing water as the primary cleaning agent. The sediment is removed from the waste water before it is discharged into the city sewer system. The use of volatile organic solvents to clean the equipment has been nearly eliminated. PPG's architectural grade powder is designed to be applied and cured in a process that requires ~20% less energy than comparable liquid products.

Powder products provided by PPG contribute toward the green building initiative of the U.S. Government. Specifying a low VOC powder coat finish is worth one LEED (Leadership in Energy & Environmental Design) credit.



## LEED CREDITS

### **LEED Requirements: 4.2 Recycled Content: 20%**

Use materials with recycled content, such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. Points (4.1) + 1

### **LEED Requirements: 4.1 Recycled Content: 10%**

Use materials with recycled content, such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project. Points 1

### **LEED Requirements: 5.1 Recycled Materials: 10% Extracted, Processed & Manufactured Regionally**

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured within 500 miles of the project site for a minimum of 10% (based on cost) of the total materials value. If only a fraction of a product or material is extracted / harvested / recovered & manufactured locally, then only that percentage (by weight) shall contribute to the regional value. Points 1

### **LEED Requirements: 5.2 Recycled Materials: 20% Extracted, Processed & Manufactured Regionally**

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured within 500 miles of the project site for a minimum of 20% (based on cost) of the total materials value. If only a fraction of a product or material is extracted / harvested / recovered & manufactured locally, then only that percentage (by weight) shall contribute to the regional value. Points (5.1) + 1

# iDeal

## POWDER COATING

### **POWDER COATING**

Fluoropolymer resin-based powder coatings that are electrostatically applied are preferred over liquid paint because they incorporate raw materials that are free of VOC and hazardous air pollutants. These powder coatings can be formulated to produce high and low gloss decorative coatings, metallic, as well as textured finishes.

Specifying a low VOC paint is worth ONE point towards LEED certification.

Ideal Aluminum Products is the new leader in the aluminum powder coating industry. Ideal's goal is to raise the bar in the powder coating process by using only the finest products and skilled certified technicians. Ideal offers a state of the art 630 ft. circumference coating line with an impressive 30" x 108" opening.

Ideal Aluminum Products features an automated line with automatic paint guns that can handle some of the industry's largest dimensioned needs. Our procedures and systems are designed to make sure your products are coated to your satisfaction. When you choose Ideal, you are buying more than just powder coating. You're getting the expertise and experience of Ideal professionals who are proudly committed to your satisfaction. We stand behind our coating with some of the best warranties in the business.

## POWDER COATING vs. LIQUID PAINTING

### Economic Considerations

POWDER COATING	LIQUID PAINTING
Average material efficiency up to 95% of material sprayed.	Average material efficiency is only 35%.
Overspray may be reclaimed.	Overspray can not be reclaimed.
Considerably lower applied cost.	Film loses 50% due to evaporation of solvents.

### Environmental Considerations

POWDER COATING	LIQUID PAINTING
Powder Coatings are solvent-free.	Most liquid coatings contain solvents.
No hazardous waste according to "Resources Conservation & Recovery Act (RCRA)"	Liquid coatings evaporate VOC's during cure process.
Overspray may be reclaimed.	Overspray needs to be handled as hazardous waste.

### Mechanical Considerations

POWDER COATING	LIQUID PAINTING
Application of a single coat can produce a thickness of 2-4 mils (50-100 $\mu$ m).	Application of a single coat can only produce film thickness of 1.2 mils (30 $\mu$ m).
Optimum results after application of single coat.	Multiple coats are required to achieve required film thickness.
Excellent mechanical properties because of "Crosslinking process/polymerization".	"Inferior" mechanical properties.
Excellent edge coverage - less touch-up cost.	Poor edge coverage.

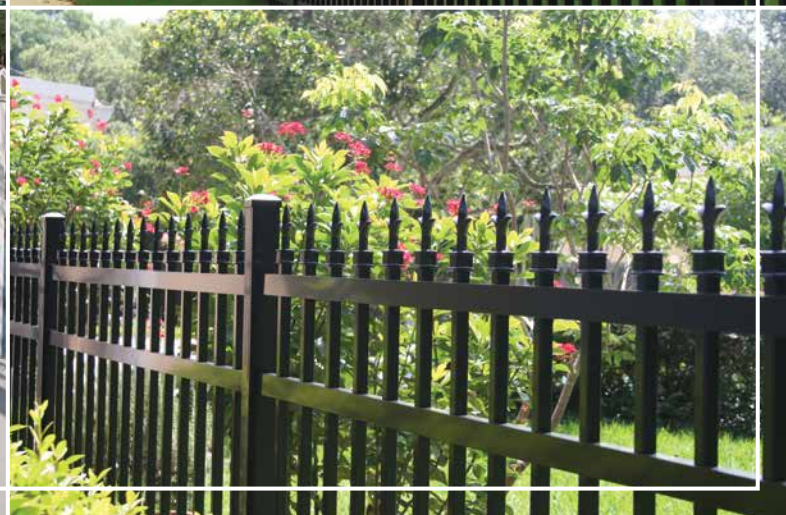


# iDeal

aluminum

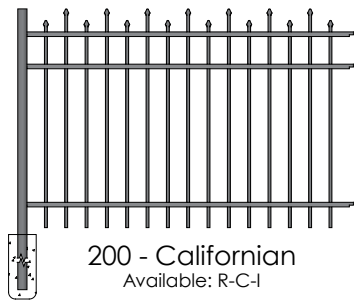
## Fence Collection

RESIDENTIAL - PARKWAY - COMMERCIAL - INDUSTRIAL

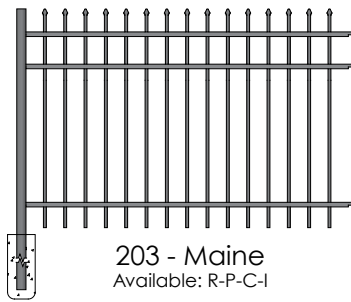




## FENCE STYLES



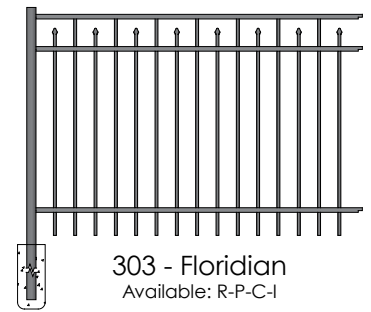
200 - Californian  
Available: R-C-I



203 - Maine  
Available: R-P-C-I



300 - Long Islander  
Available: R-P-C-I



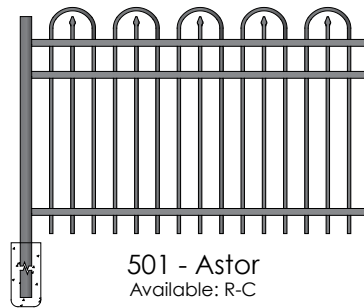
303 - Floridian  
Available: R-P-C-I



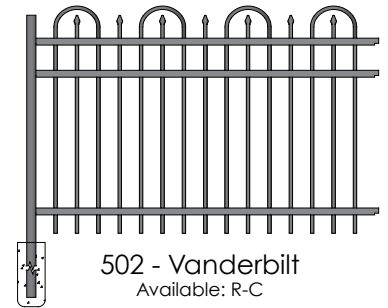
400 - Alamo  
Available: R-C-I



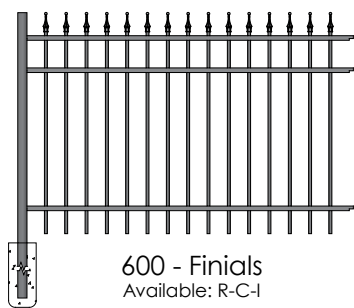
403 - Carolina  
Available: R-C-I



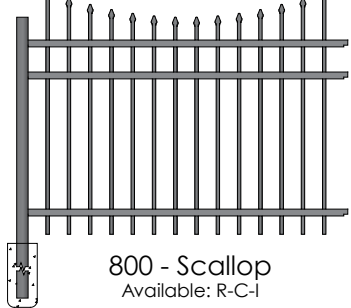
501 - Astor  
Available: R-C



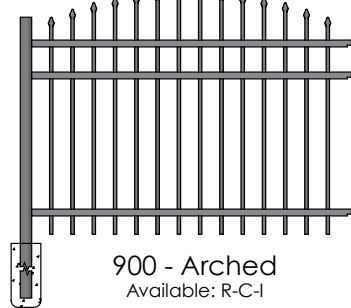
502 - Vanderbilt  
Available: R-C



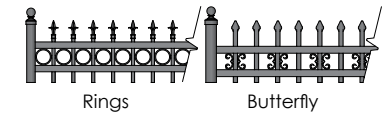
600 - Finials  
Available: R-C-I



800 - Scallop  
Available: R-C-I



900 - Arched  
Available: R-C-I



Ideal offers four series of aluminum fence to meet your needs. Additional picket spacing and rail height options are available. Ideal's elegant ornamental aluminum fencing, with Idealcoat powder coated finish, provides a maintenance-free fence that will last for years. All of our styles are sleekly designed, with clean lines, and add a unique finishing touch to any outdoor space.

## PICKETS AND CHANNELS

Residential Parkway Commercial Industrial

Pickets



5/8" x 5/8"



1" x 5/8"



3/4" x 3/4"



1" x 1"

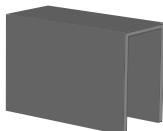
Rails



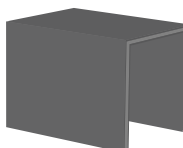
1" x 1-1/16"



1" x 1-1/16"

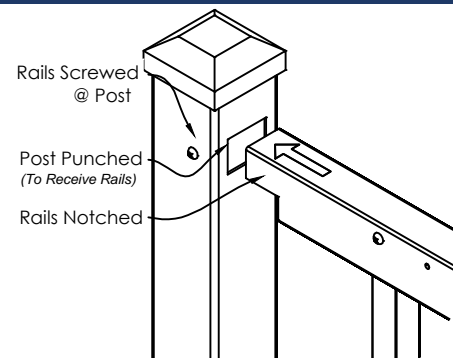


1-1/2" x 1-1/16"



1-5/8" x 1-5/8"

## POST/RAIL CONNECTION

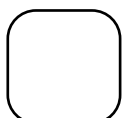


- Walk gates and estate gates are available to match all ideal fence styles
- Four grades of fence to choose from
- Fence styles available to meet pool code
- Four standard colors
- All products are proudly made in the USA
- Idealcoat 2604 standard powder coating

## STANDARD COLORS



Black



White



Bronze



Hunter Green



Custom Colors

\*actual colors may vary

**iDeal**  
aluminum

www.ideal-ap.com  
Toll Free: 877.323.6496  
Fax: 877.226.4469

ALL PRODUCTS  
PROUDLY  
MADE IN  
USA



# iDeal

aluminum

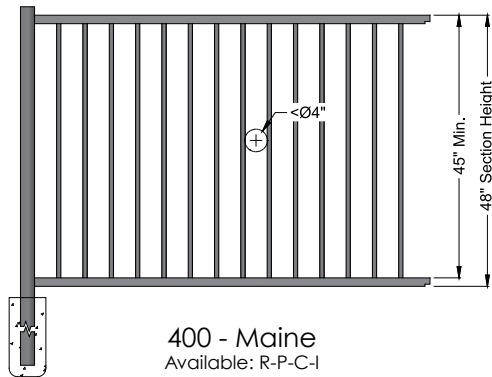
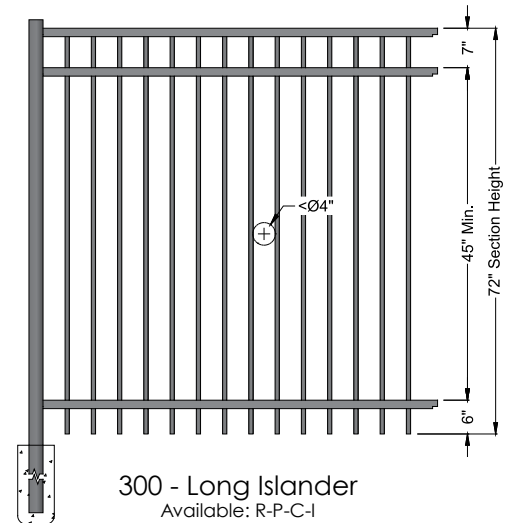
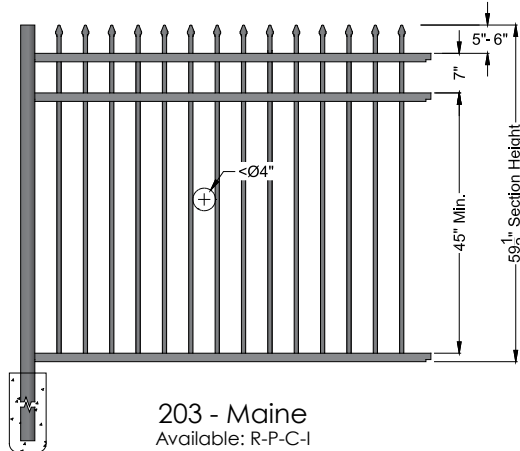
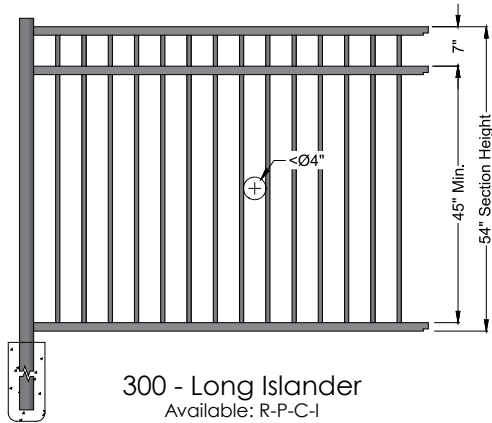
## Pool Fence

DESIGNED FOR POOL SAFETY CODES





## POOL SAFETY CODE HEIGHT



### More fence styles available

Pool Fence is available in all of our styles and grades. Select styles of pool fence **Ship in 5 DAYS or LESS!**

For styles, pricing and orders please contact Ideal Aluminum at 877.323.6496 or email us today at [sales@ideal-ap.com](mailto:sales@ideal-ap.com) to get your pool fence shipped in 5 days or less.

### POOL LATCH

#### The World's #1 Safety Gate Latch



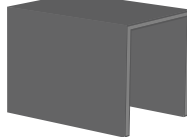
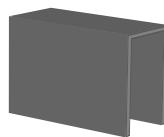
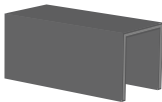
### PICKETS AND CHANNELS

Residential Parkway Commercial Industrial

Pickets



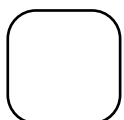
Rails



### Don't forget these important pool safety guidelines:

- Pool barrier should be at least 48" above grade.
- The distance between the top of the horizontal members must be 45" or greater to pass ladder law regulations.
- The spacing between the vertical members should not exceed 4".
- The maximum clearance at the bottom of the barrier should not exceed 2" above the grade.
- Gates should open out from the pool.
- The release mechanism of the gate should be at least 54" from the bottom of the gate.
- If horizontal members are less than 45" apart, spacing between vertical pickets shall not exceed 1-3/4".
- Check local pool code guidelines.

### STANDARD COLORS



\*actual colors may vary

**iDeal**  
aluminum

[www.ideal-ap.com](http://www.ideal-ap.com)  
Toll Free: 877.323.6496  
Fax: 877.226.4469

ALL PRODUCTS  
PROUDLY  
MADE IN  
**USA**

IDEAL ALUMINUM PRODUCTS DECORATIVE FENCE  
ARCHITECTURAL SPECIFICATION

Section 323119

**PART 1 – GENERAL**

**1.1 WORK INCLUDED**

- A. The aluminum fence systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

**1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

**1.3 RELATED SECTIONTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

**1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical for all fence products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' fence panel sample shall be submitted for approval, when required. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components (pickets, rails, and posts) is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.

- B. The entire fence system shall have a limited lifetime warranty against defects in workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T5 alloy in accordance with ASTM B 221/B 221M.
- B. Fasteners: Type 302 stainless steel, self-drilling head screws. Screws shall be painted to match the finish of the fence.
- C. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware.

### **2.2 ORNAMENTAL ALUMINUM FENCING**

- A. (ENTER GRADE) Fence System:
  - 1. Style: (STYLE NUMBER), as manufactured by iDeal Aluminum Products.
  - 2. Section Width: Sections are supplied in 6 foot or 8 foot widths.
  - 3. Height: (x) inches.
  - 4. Pickets: (x) inch by (x) inch by (x) inch.
  - 5. Rails: (x) inch by (x) inch by (x) inch.
  - 6. Posts: (x) inch by (x) inch by (x) inch wall x (x) inch long with standard post caps
  - 7. Picket Spacing: (x) inches on center.
    - a. Spacing between pickets (x) inch
  - 8. Color: iDeal Aluminum Products standard (ENTER COLOR)
    - a. Meets AAMA 2604

## **2.3 FABRICATION**

- A. Horizontal Rails: Rails shall be “U” channels. Pickets shall pass through holes punched in the top rail. The number of rails shall vary with the style, height, and strength of the fence system according to manufacturer’s specifications.
- B. Pickets: Pickets shall be fastened to the rails using stainless steel tek screws painted to match the color of the fence. Screws shall be used on only one side of the rail leaving the other side with a clean appearance.
- C. Posts: Posts shall be pre-punched to allow the Horizontal rails to slide in and be attached with stainless steel tek screws. Cast aluminum post caps shall be affixed to all posts. Post size and wall thickness shall be based on manufacturers’ recommendations.
- D. Finish: The fence system shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.

- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Fence posts shall be set in accordance with the manufacturer recommended spacing.
- D. Insert fence horizontal rail end into pre-punched posts and fasten with Tek screws
- E. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.
- F. Division 2 and Division 3 Sections shall govern post base material requirements.

### **3.4 CLEANING**

- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean fence with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other fencing material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to fence finish.

### **3.5 PROTECTION**

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



# IDEAL ALUMINUM PRODUCTS DECORATIVE WALK GATES

## ARCHITECTURAL SPECIFICATION

Section 323119

### **PART 1 – GENERAL**

#### **1.1 WORK INCLUDED**

- A. The aluminum gate systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

#### **1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

#### **1.3 RELATED SECTIONTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

#### **1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical data for all iDeal products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' sample shall be submitted for approval, when required. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components (pickets, rails, and posts) is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire gate system shall have a limited lifetime warranty against defects in

workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T5 alloy in accordance with ASTM B 221/B 221M.
- B. Fasteners: Type 302 stainless steel, self-drilling head screws. Screws shall be painted to match the finish of the gate.
- C. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware. Hinges and latches shall be fabricated from aluminum extrusions with stainless steel springs.

### **2.2 ORNAMENTAL ALUMINUM GATES**

- A. (Grade) Walk Gate:
  - 1. Style: (STYLE NUMBER), as manufactured by iDeal Aluminum Products
  - 2. Gate Opening Width: (x) inch
  - 3. Gate Height: (x) inch
  - 4. Pickets: (x) inch by (x) inch
  - 5. Rails: (x) inch by (x) inch by (x) inch Channel
  - 6. Uprights: (x) inch by (x) inch
  - 7. Post: (x) inch by (x) inch by (x) inch wall by (x) inch long with standard post caps
  - 8. Color: iDeal Aluminum Products standard (COLOR)
    - a. Meets AAMA 2604
  - 9. Accessories:
    - a. Hinges: (STYLE)
    - b. Latch: (STYLE)

## **2.3 FABRICATION**

- A. Horizontal Rails: Rails shall be “U” channels. Pickets shall pass through holes punched in the top rail. The number of rails shall vary with the style, height, and strength of the gate system according to manufacturer’s specifications.
- B. Pickets: Pickets shall be fastened to the rails using stainless steel tek screws painted to match the color of the gate. Screws shall be used on only one side of the rail leaving the other side with a clean appearance.
- C. Posts: Cast aluminum post caps shall be affixed to all posts. Post size and wall thickness shall be based on manufacturers’ recommendations. A gate requires a gate post on both sides.
- D. Finish: The gate systems shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of gates.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Gate posts shall be set in accordance with the manufacturer recommended spacing.
- D. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.
- E. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- F. Division 2 and Division 3 Sections shall govern post base material requirements.
- G. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- H. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- I. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- J. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

### **3.4 CLEANING**

- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean gates with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other gate material using a 10%

solution of muriatic acid followed immediately by several rinses with clean water.

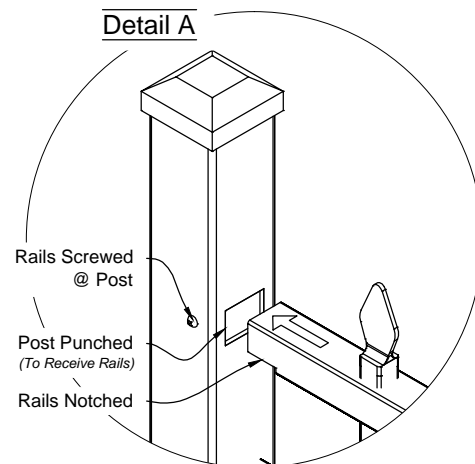
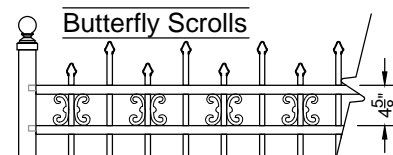
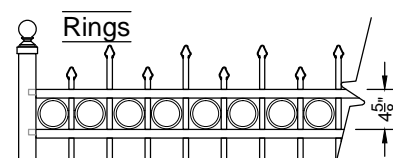
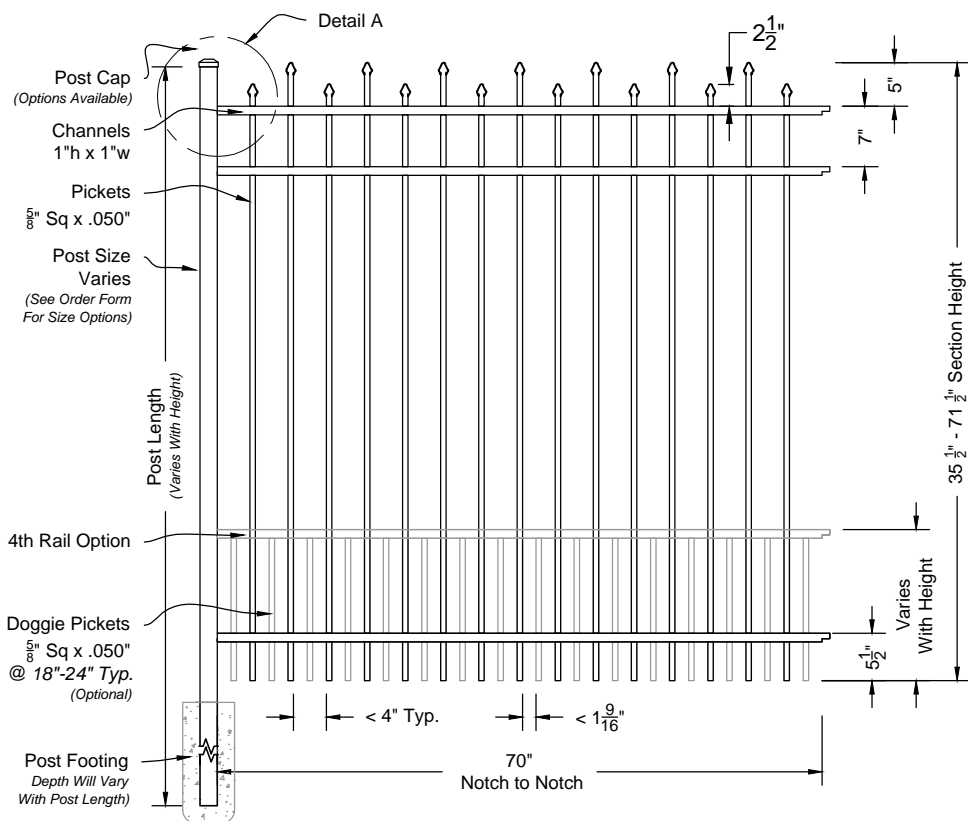
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to gate finish.

### **3.5 PROTECTION**

- F. Protect installed products until completion of project.
- G. Touch-up, repair or replace damaged products before Substantial Completion.

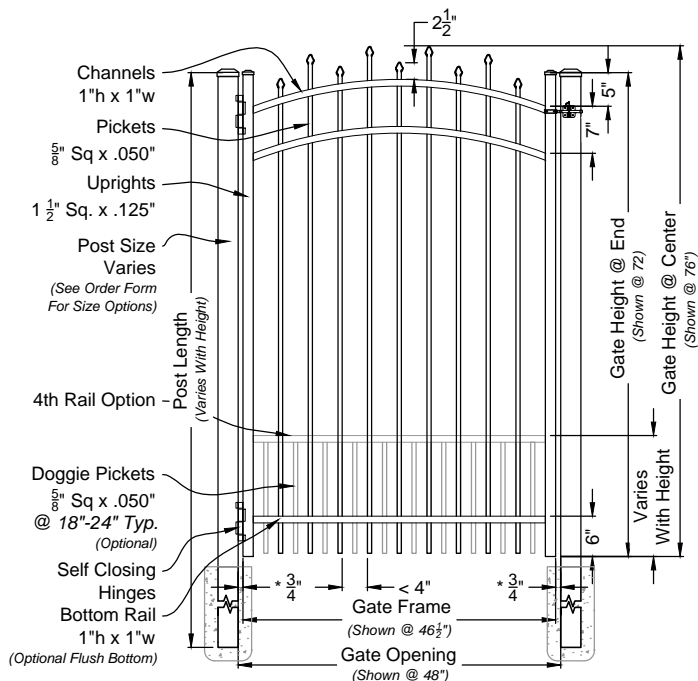
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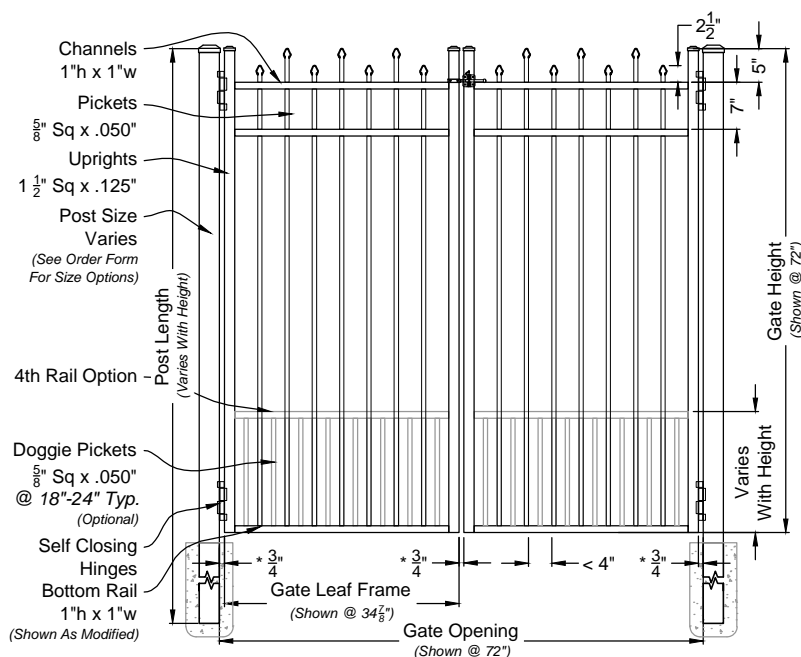


01 **Californian #200 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



02 **Californian Single Walk Gate**  
#2003 Arched Rail Option Scale: NTS



03 **Californian Double Walk Gate**  
#6200M Straight Rail Option Scale: NTS

**Californian Fence & Gate**  
Select Residential Series #200

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aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

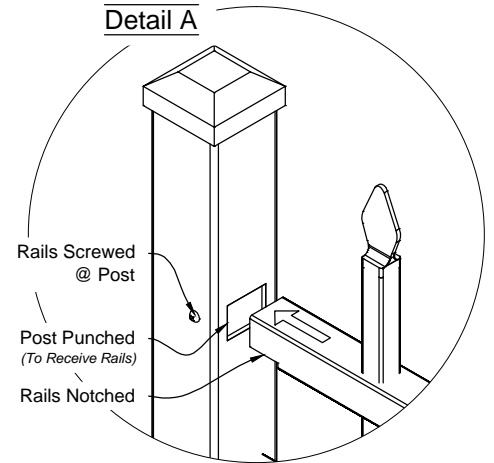
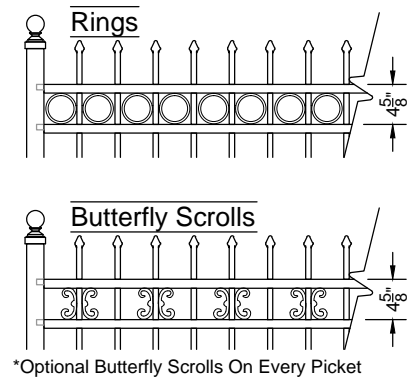
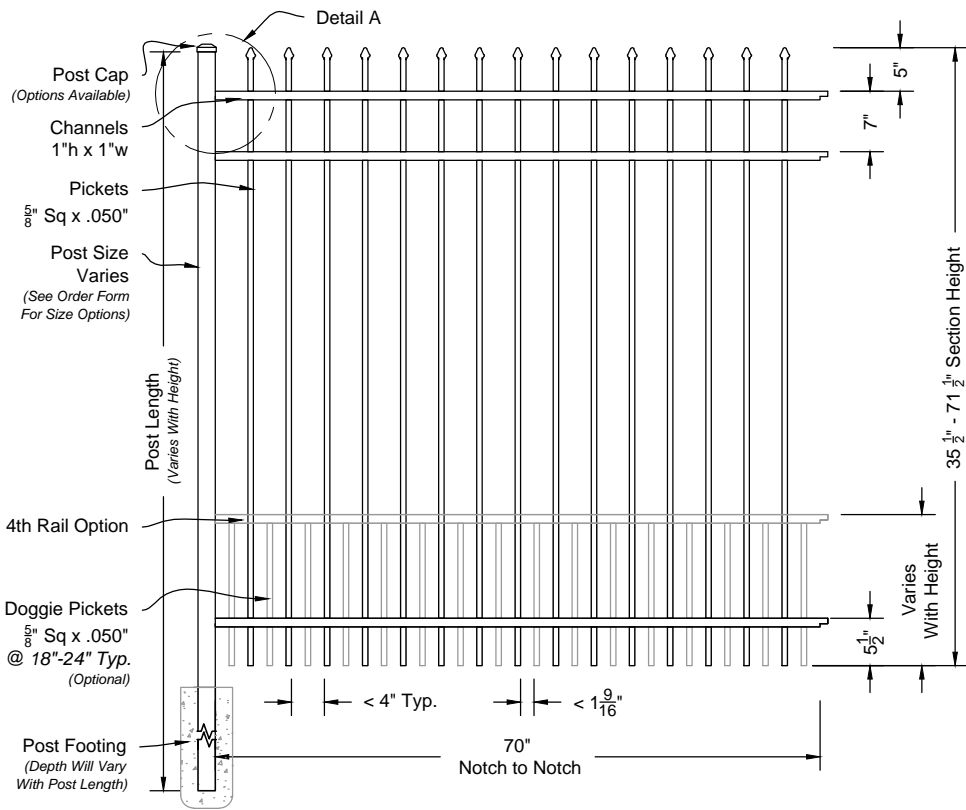
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 200 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

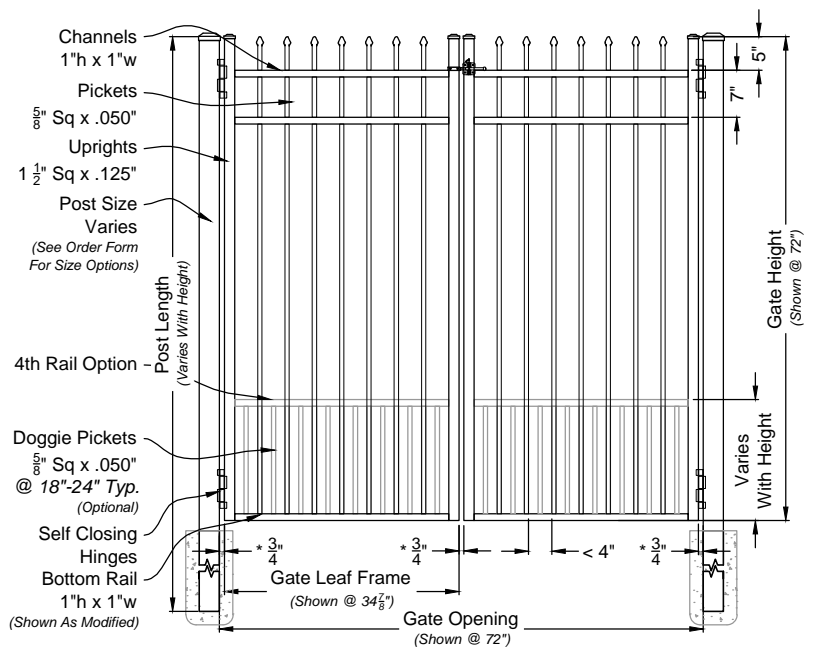
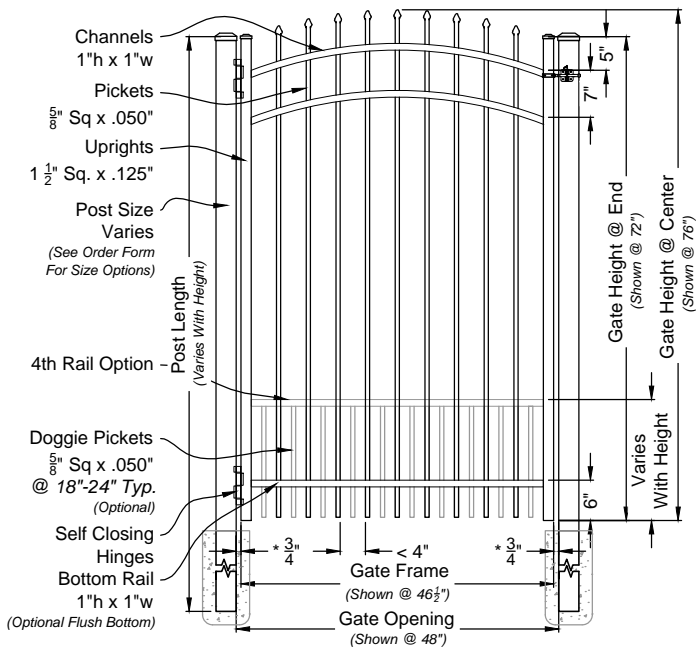
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



**i**  
01 **Maine #203 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



**i**  
02 **Maine Single Walk Gate**  
#2033 Arched Rail Option Scale: NTS

**i**  
03 **Maine Double Walk Gate**  
#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Select Residential Series #203

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aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

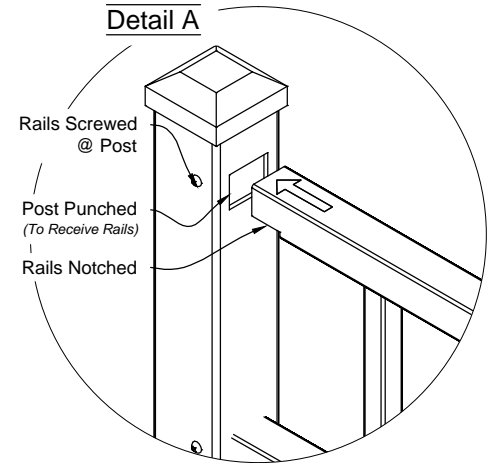
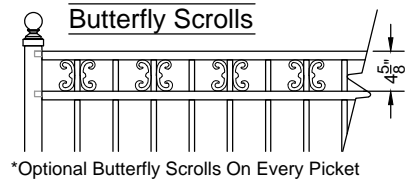
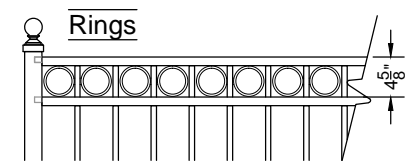
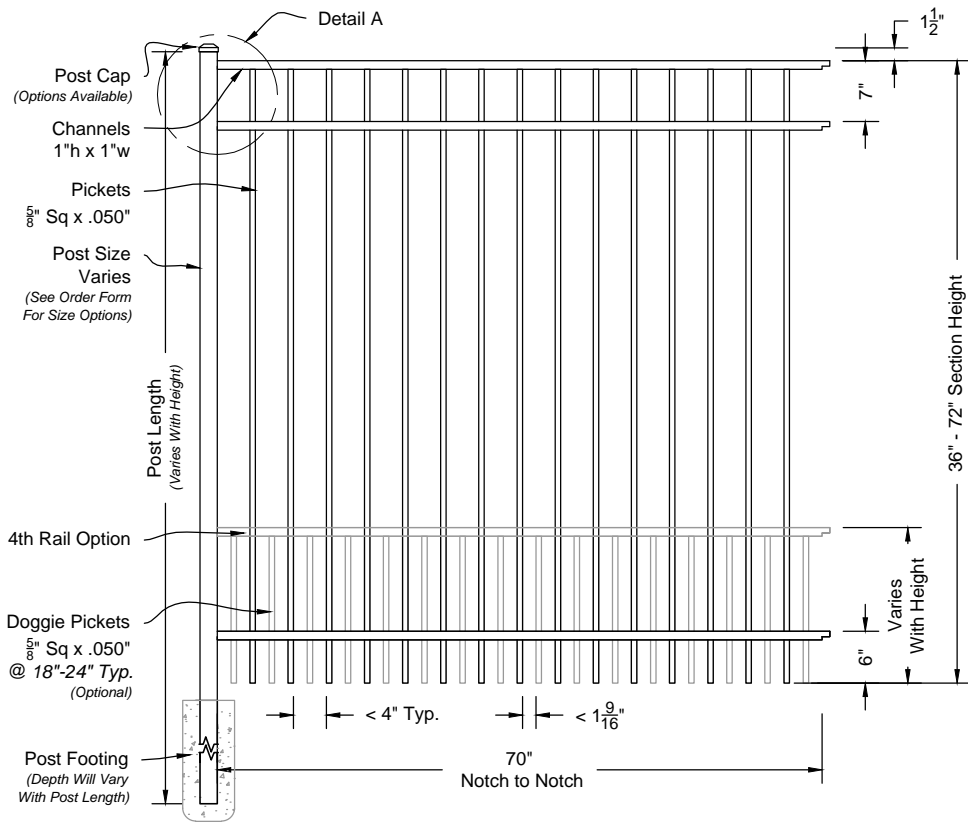
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #: Drawn By: JMixon Drawn Date: 23-Mar-17

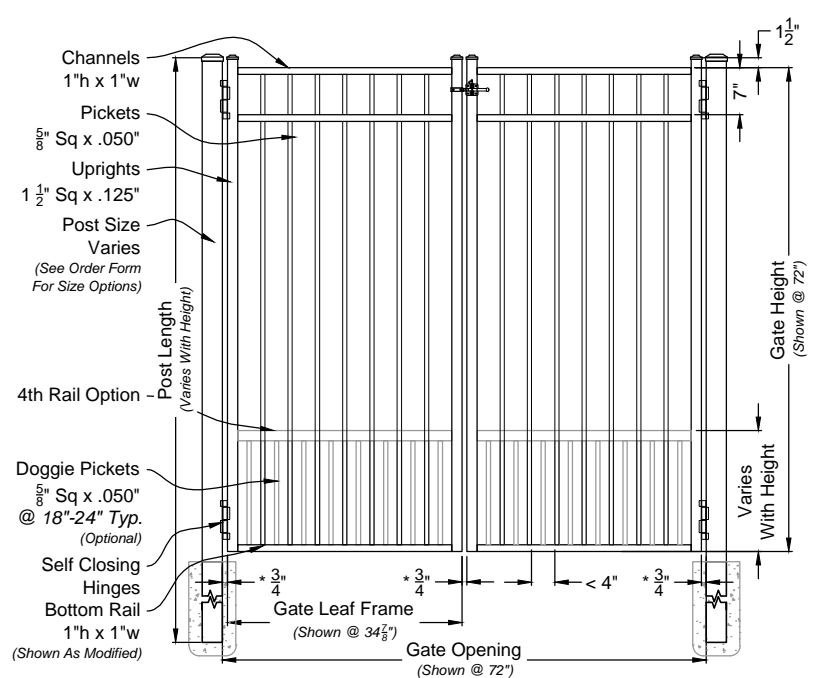
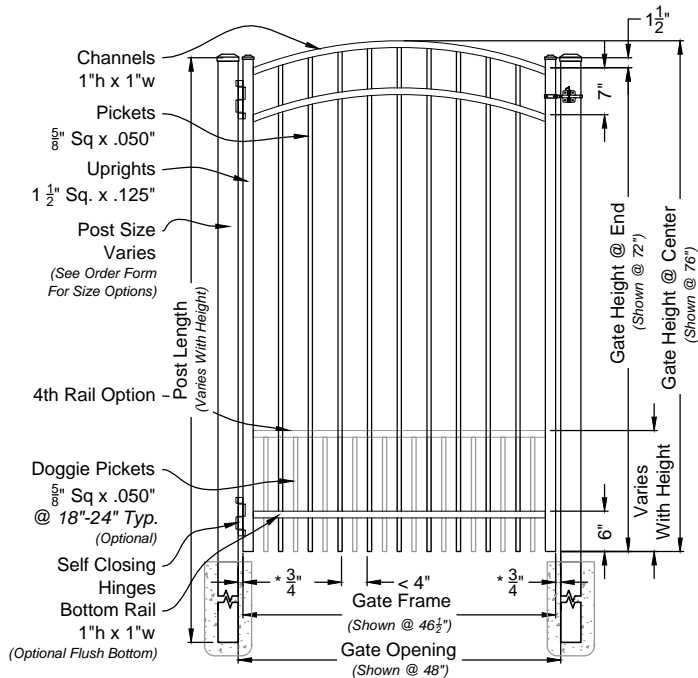
3200 Parker Drive Phone: 386.736.1700  
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1 OF 1



01 Long Islander #300 6ft Fence Panel  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



02 Long Islander Single Walk Gate  
#3003 Arched Rail Option Scale: NTS

03 Long Islander Double Walk Gate  
#6300M Straight Rail Option Scale: NTS

Long Islander Fence & Gate  
Select Residential Series #300

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### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

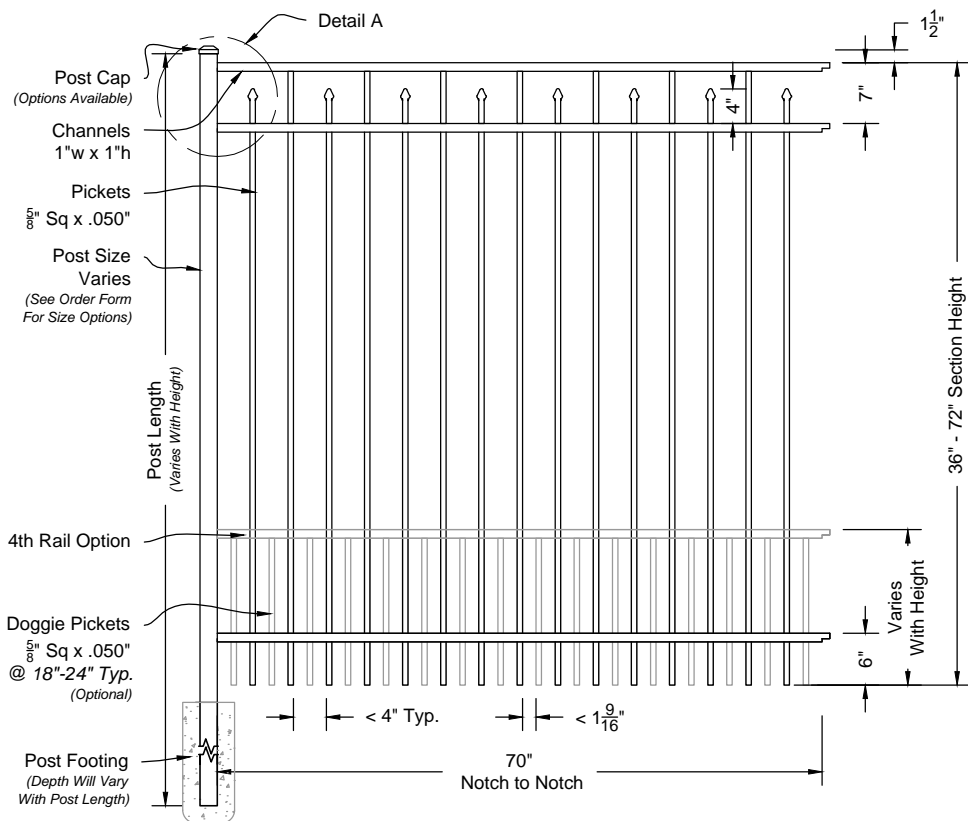
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 300 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

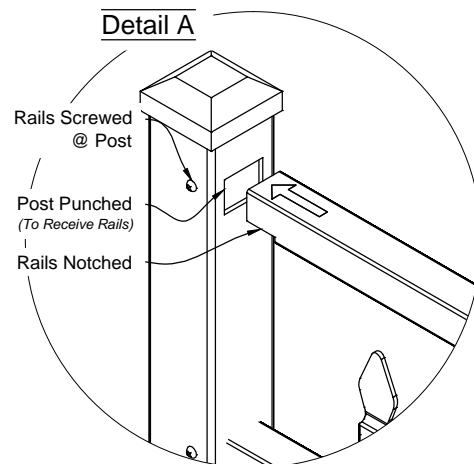


Rings

Not Available

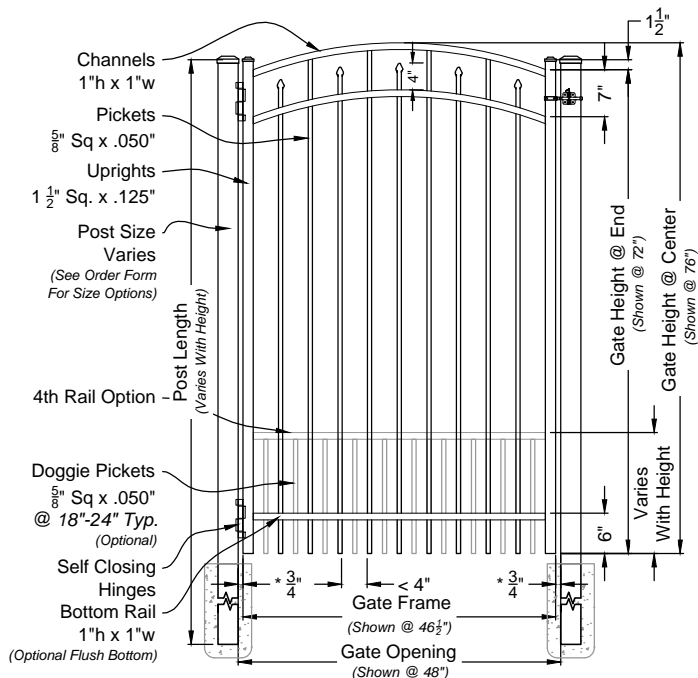
Butterfly Scrolls

Not Available

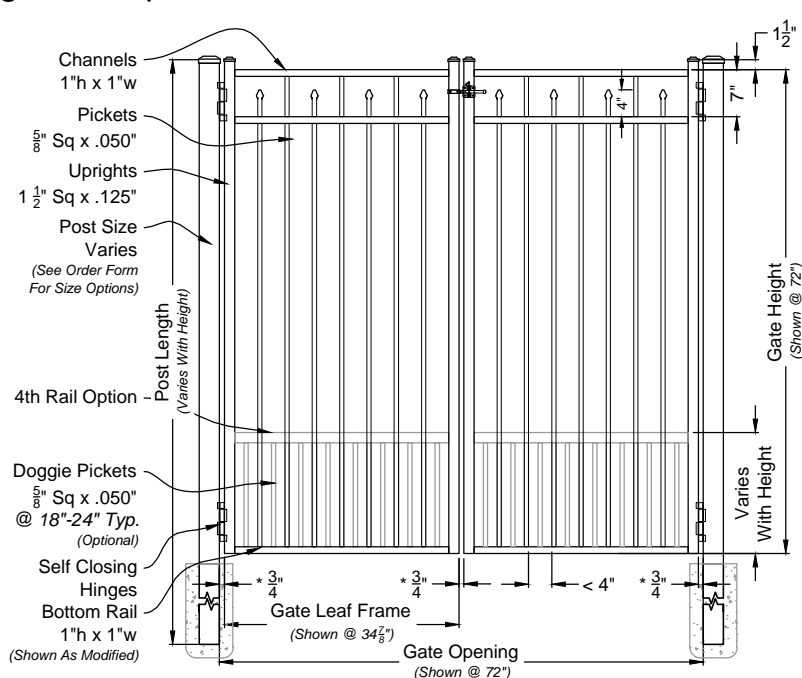


01 **Floridian #303 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



02 **Floridian Single Walk Gate**  
#3033 Arched Rail Option Scale: NTS



03 **Floridian Double Walk Gate**  
#6303M Straight Rail Option Scale: NTS

**Floridian Fence & Gate**  
Select Residential Series #303

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

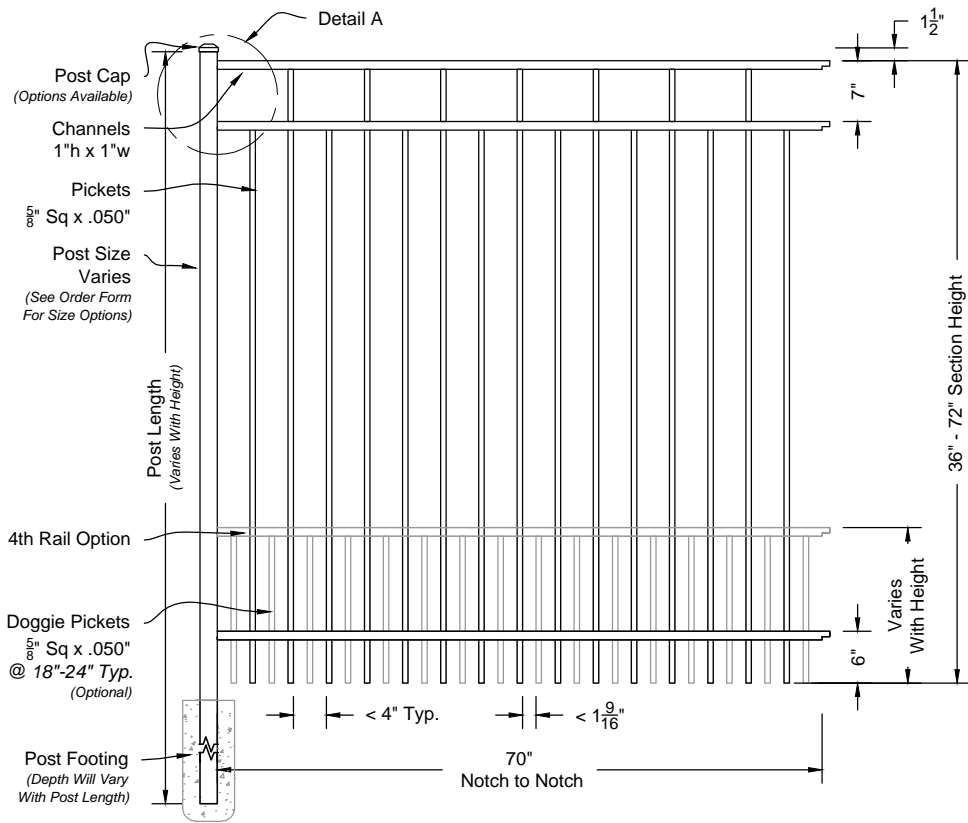
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 303 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

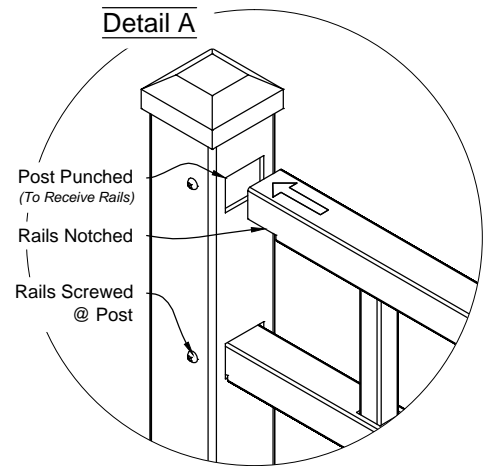
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



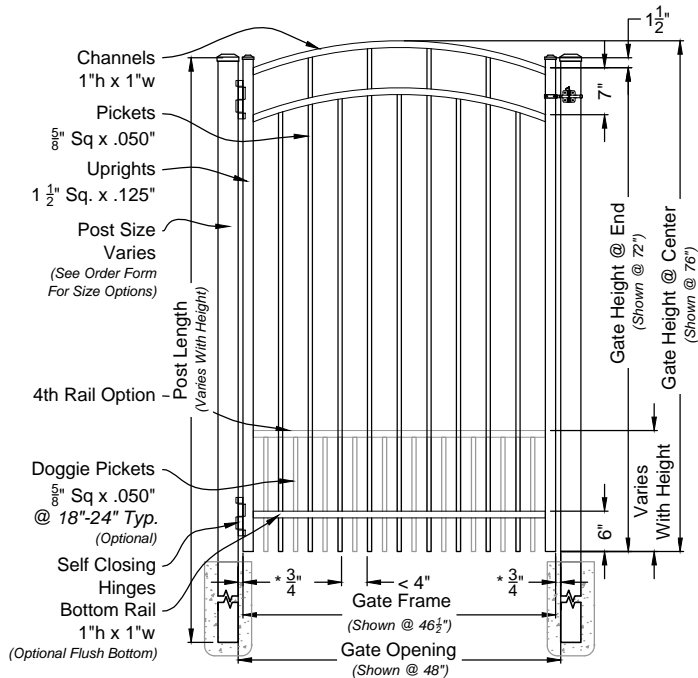
Rings  
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Butterfly Scrolls  
**Not Available**

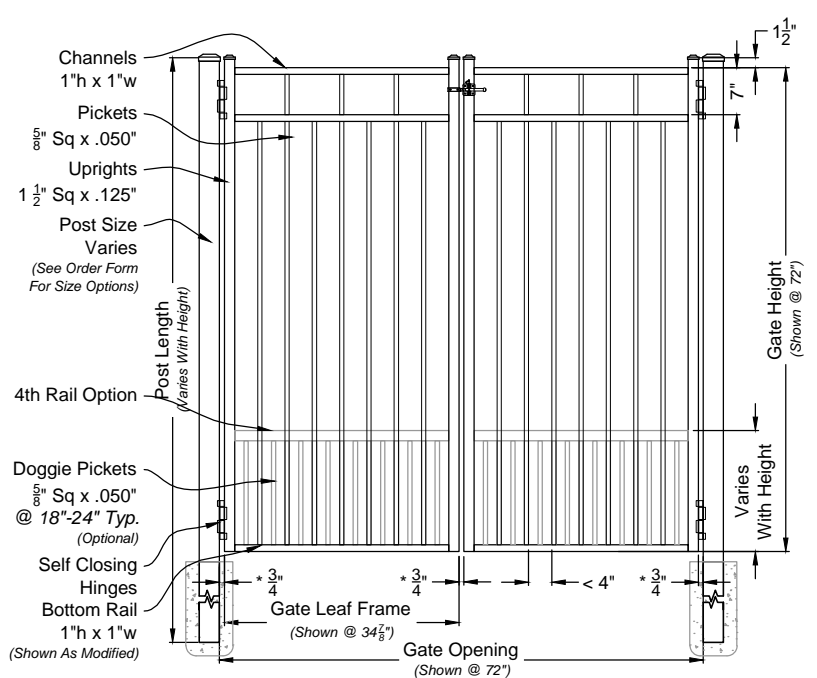


**01 Carolina #403 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



**02 Carolina Single Walk Gate**  
#4033 Arched Rail Option Scale: NTS



**03 Carolina Double Walk Gate**  
#6403M Straight Rail Option Scale: NTS

**Carolina Fence & Gate**  
Select Residential Series #403

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

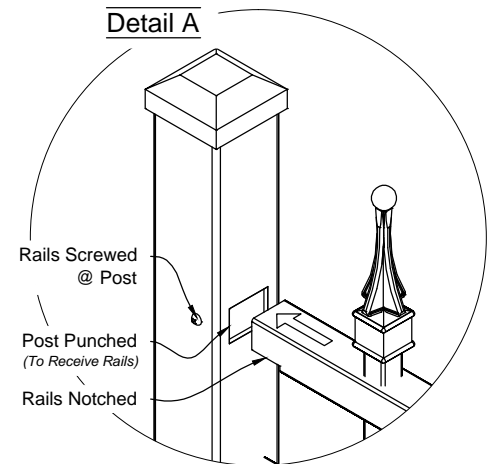
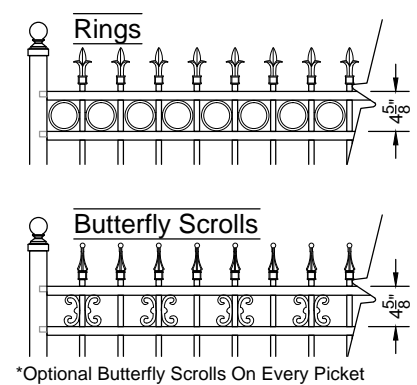
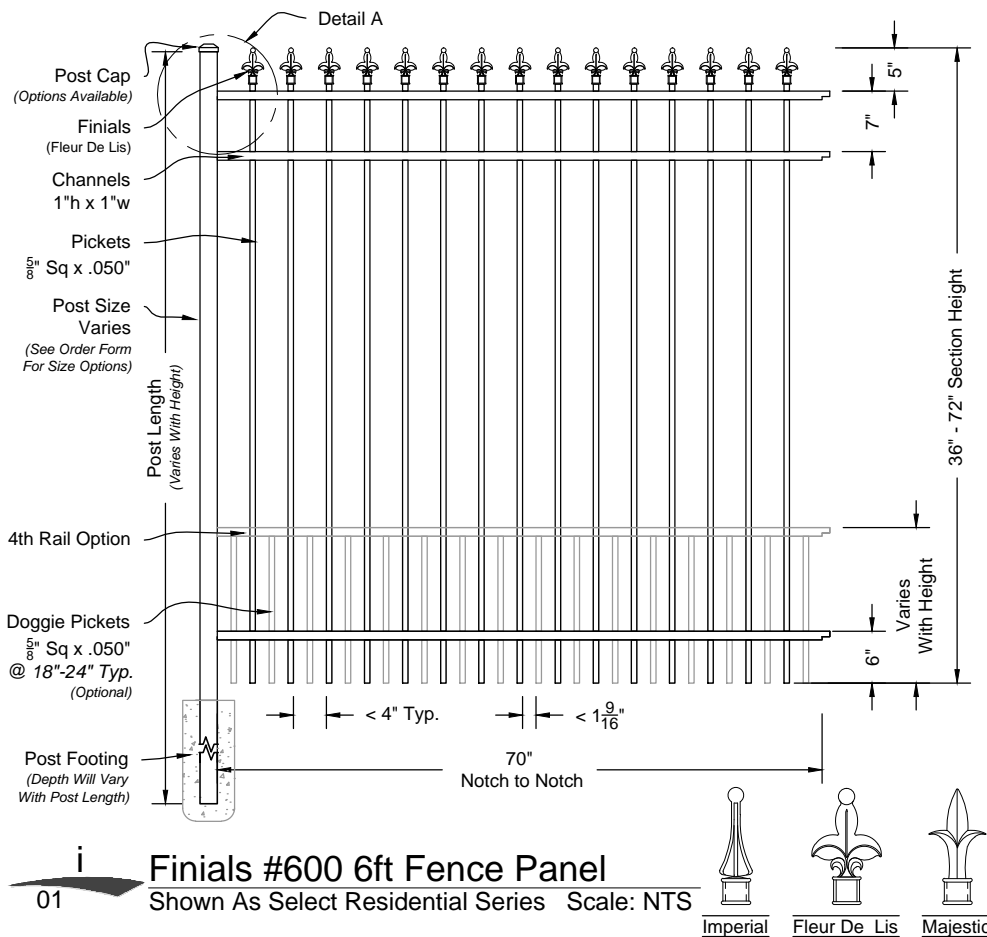
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 403 Series  
Fence & Gate  
Details

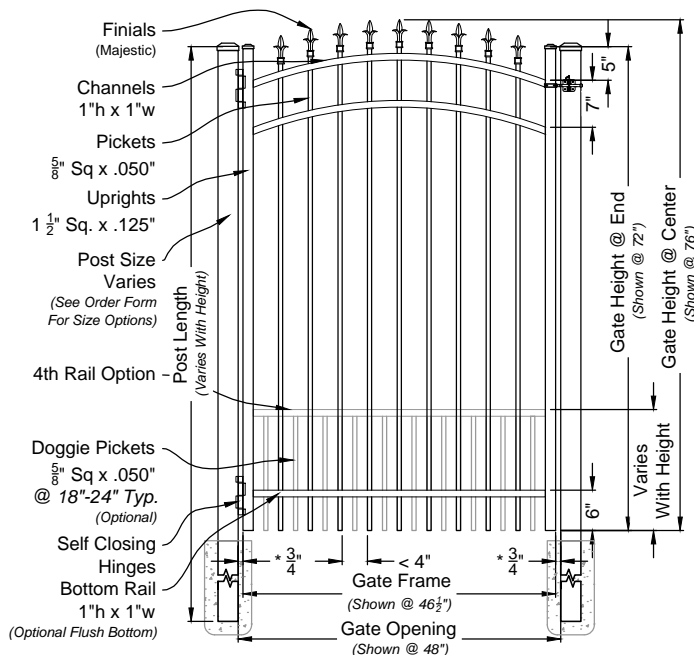
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

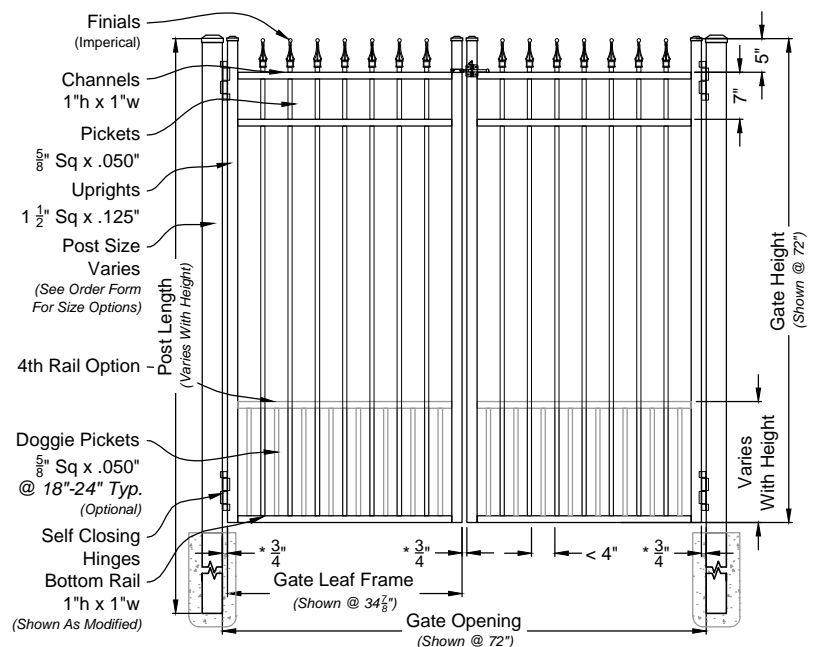


## Matching Gate Options



## Finials Single Walk Gate

#6003 Arched Rail Option Scale: NTS



## Finials Double Walk Gate

#6600M Straight Rail Option Scale: NTS

**Finials Fence & Gate**  
Select Residential Series #600

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aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

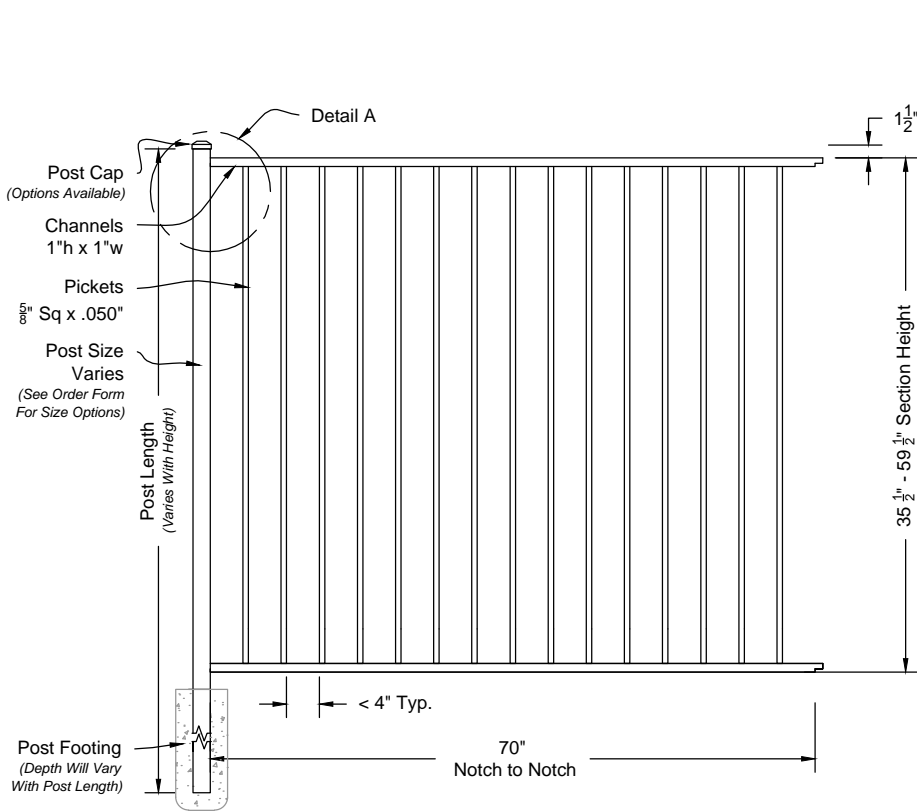
Res 600 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #: Drawn By: JMixon Drawn Date: 12-Apr-17

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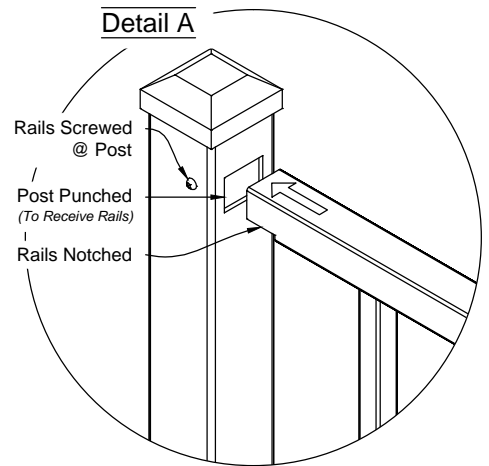
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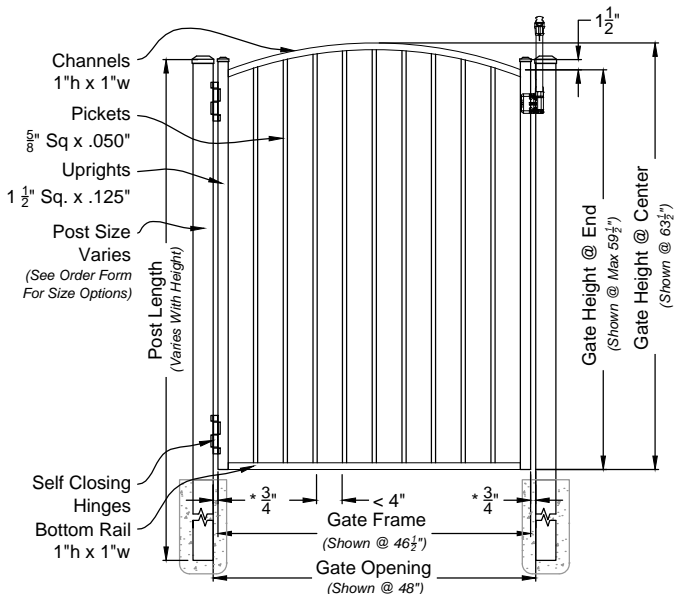
Rings  
Not Available

Butterfly Scrolls  
Not Available

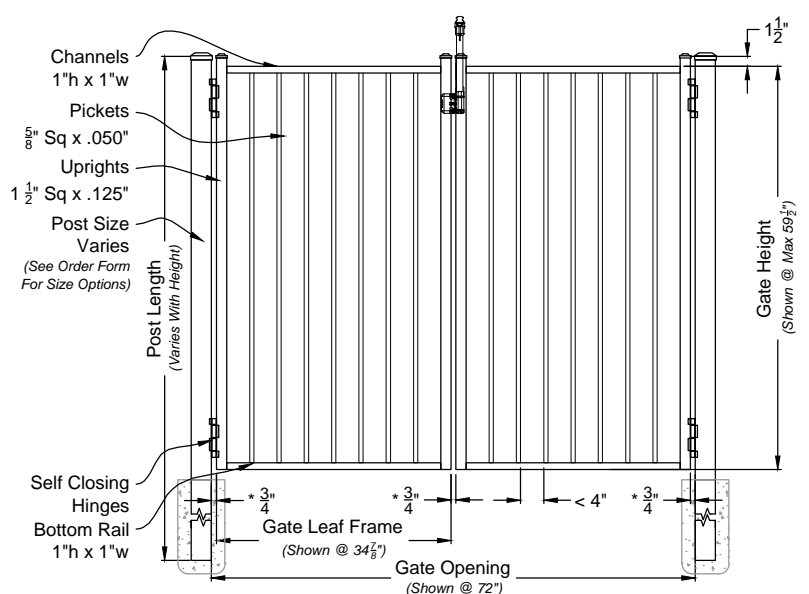


**01** **Alamo #400 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



**02** **Alamo Single Walk Gate**  
#4004 Arched Rail Option Scale: NTS



**03** **Alamo Double Walk Gate**  
#6400M Straight Rail Option Scale: NTS

**Alamo Fence & Gate**  
Select Residential Series #400

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

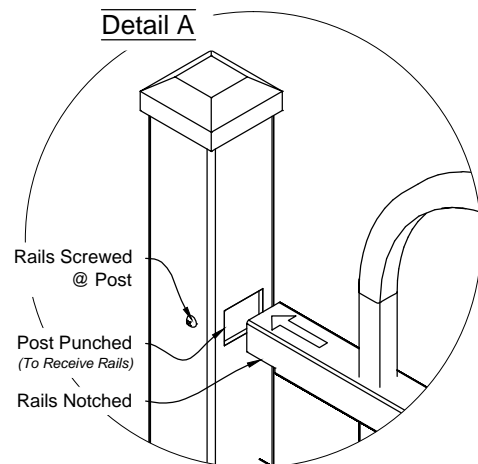
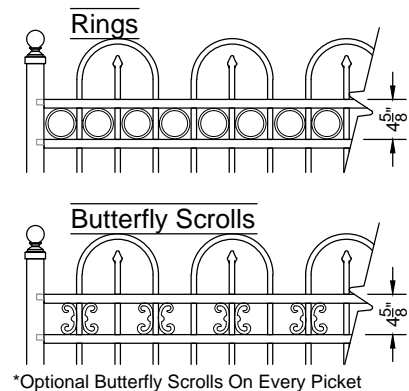
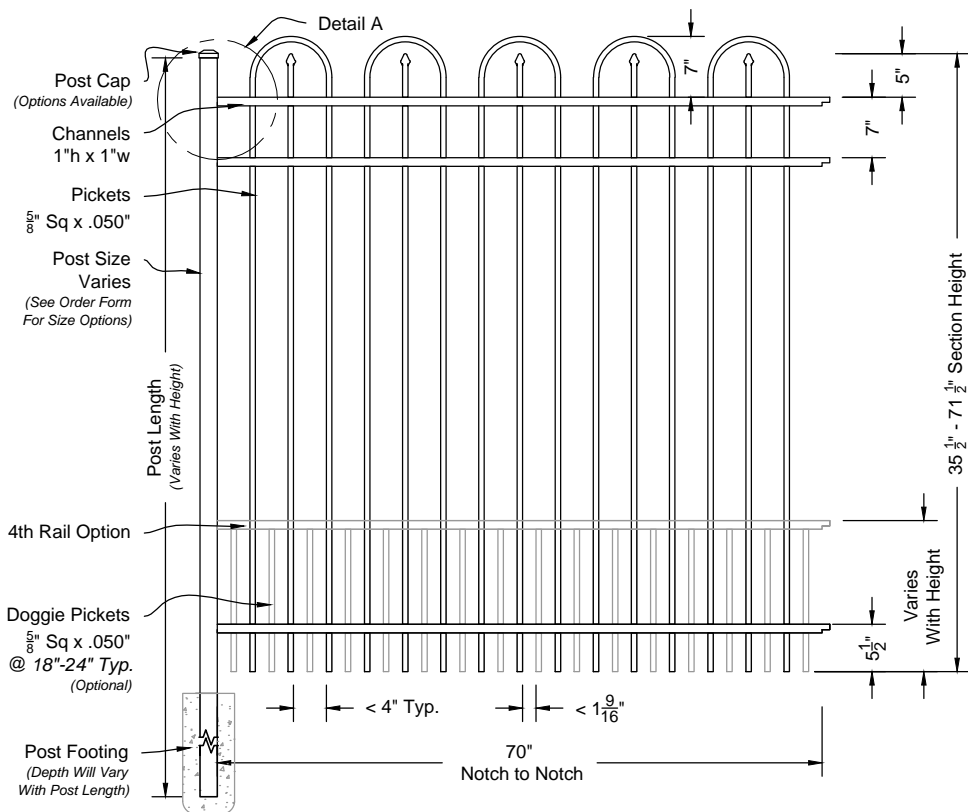
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 400 Series  
Fence & Gate  
Details  
Pool Code

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

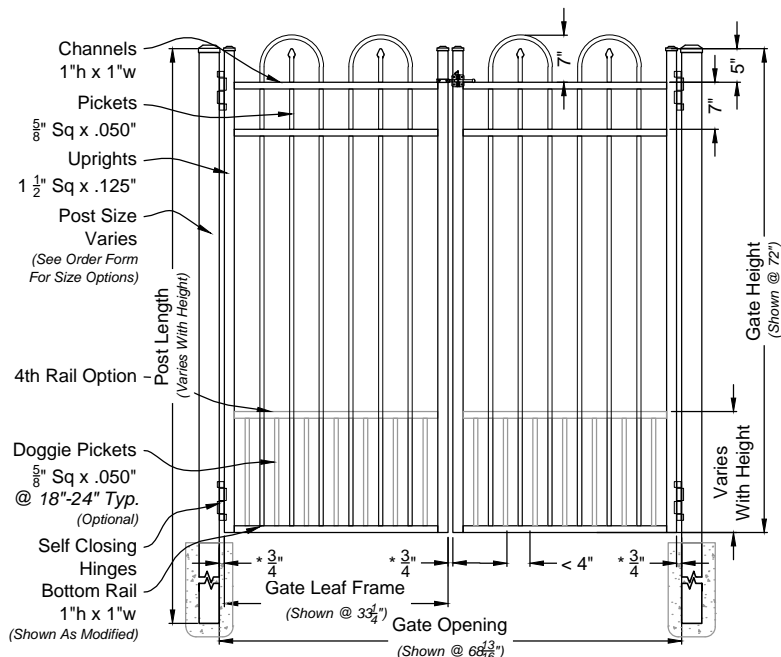
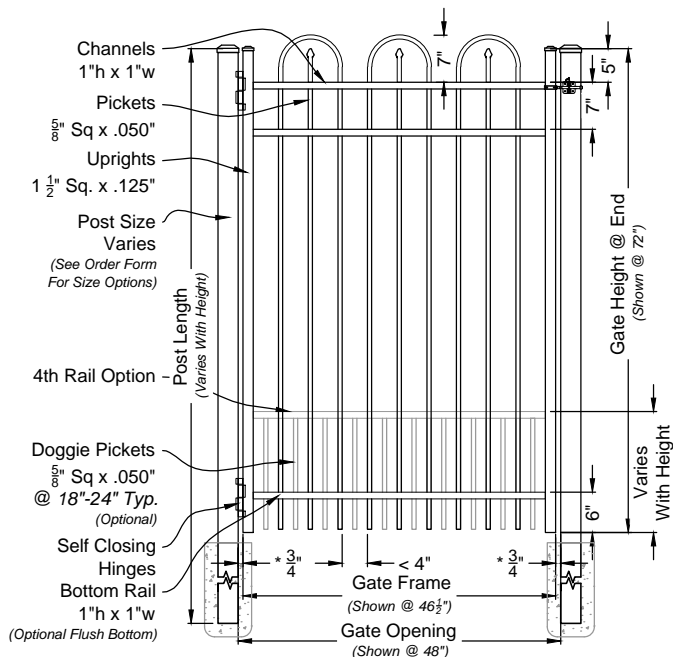
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **Astor #501 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



02 **Astor Single Walk Gate**  
#5010 Arched Rail Option Scale: NTS

03 **Astor Double Walk Gate**  
#6501M Straight Rail Option Scale: NTS

**Astor Fence & Gate**  
Select Residential Series #501

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aluminum  
fence gates railing

### DRAWING NOTES:

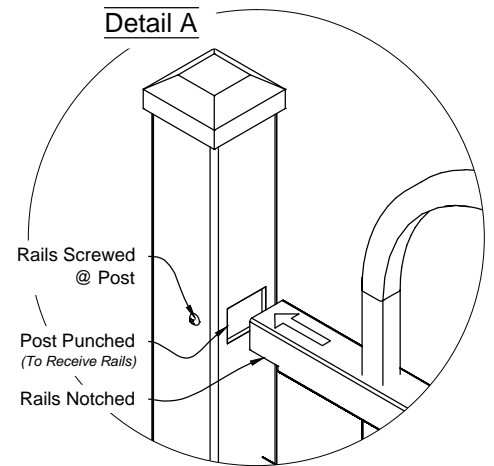
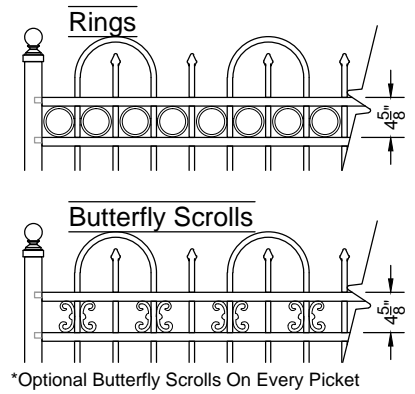
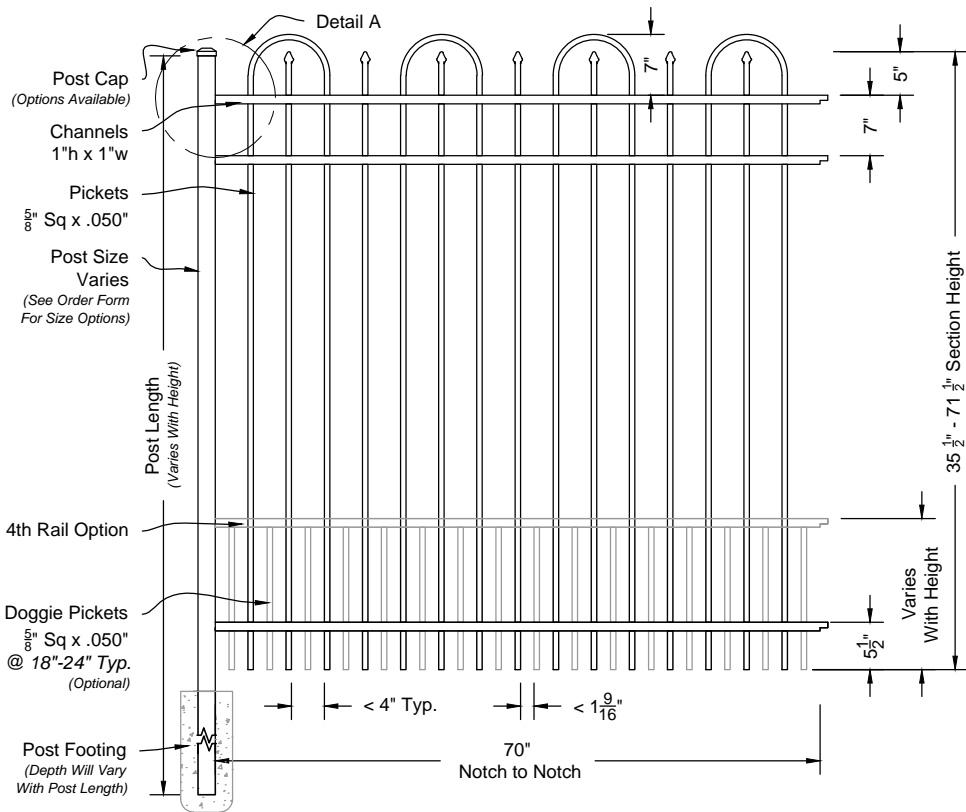
Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 501 Series  
Fence & Gate  
Details

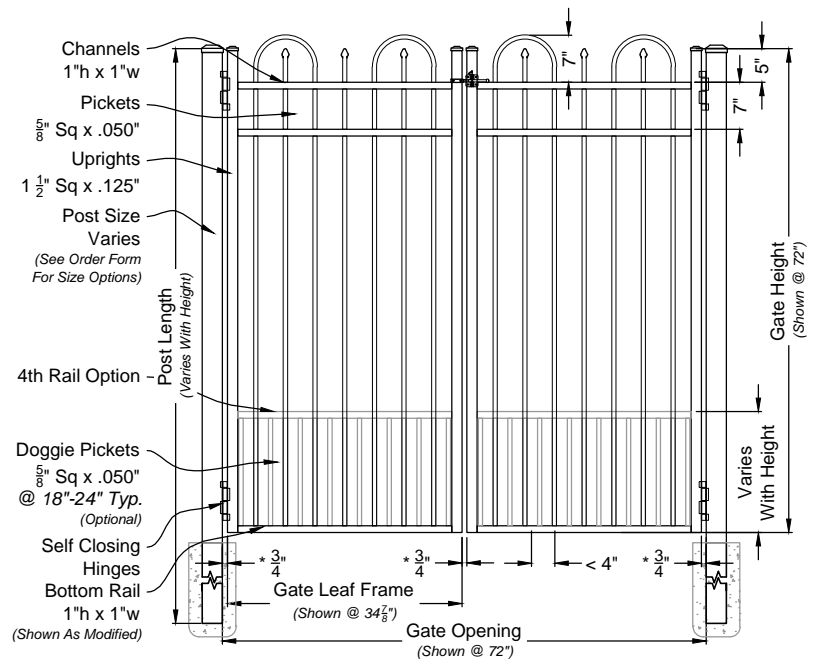
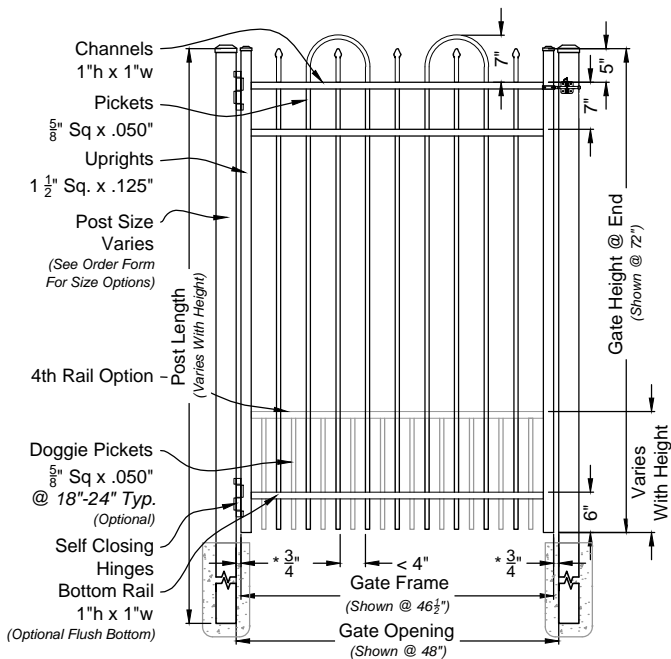
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 23-Mar-17

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St Augustine, FL 32084 Fax: 386.822.4956



**01** **Vanderbilt #502 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



**02** **Vanderbilt Single Walk Gate**  
#5020 Arched Rail Option Scale: NTS

**03** **Vanderbilt Double Walk Gate**  
#6502M Straight Rail Option Scale: NTS

**Vanderbilt Fence & Gate**  
Select Residential Series #502

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

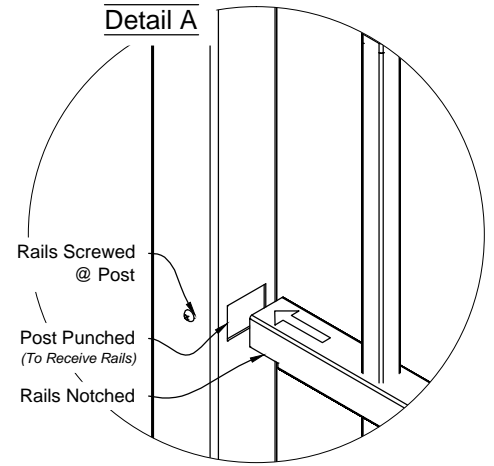
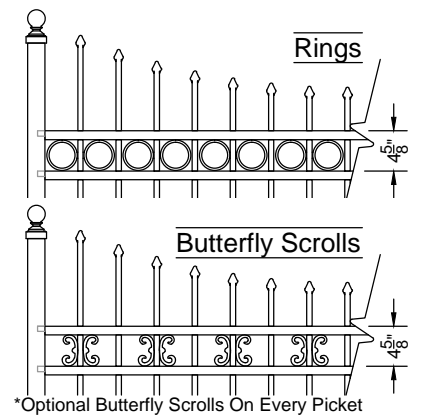
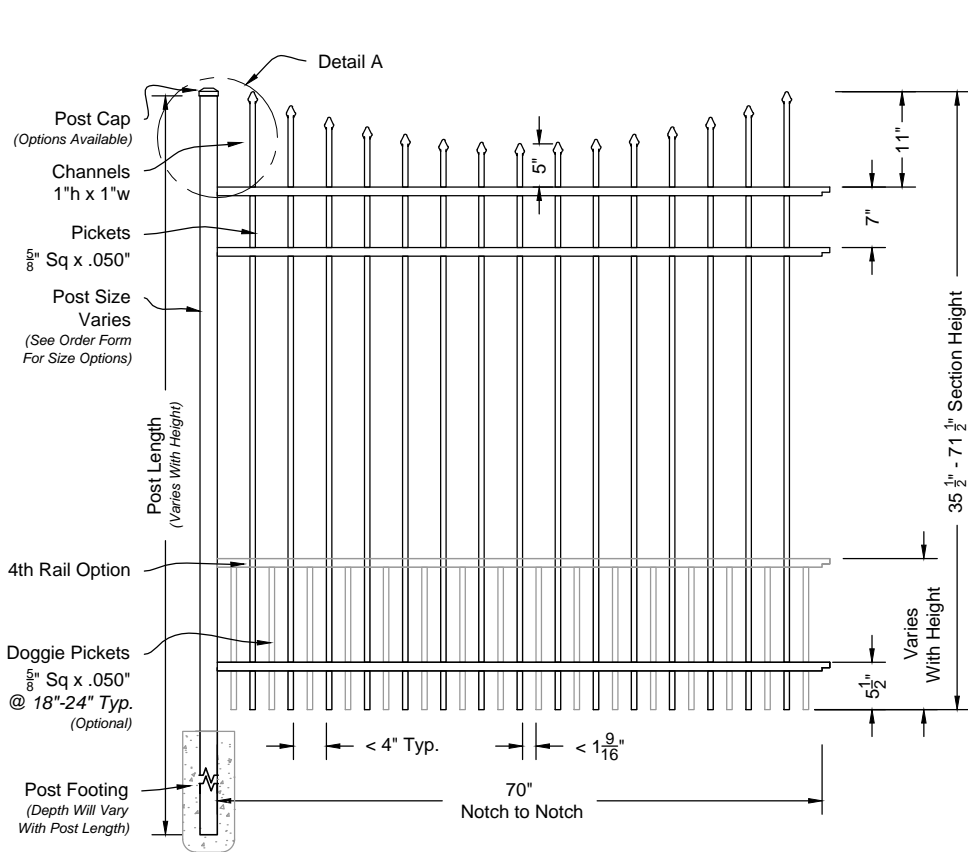
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 502 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 23-Mar-17

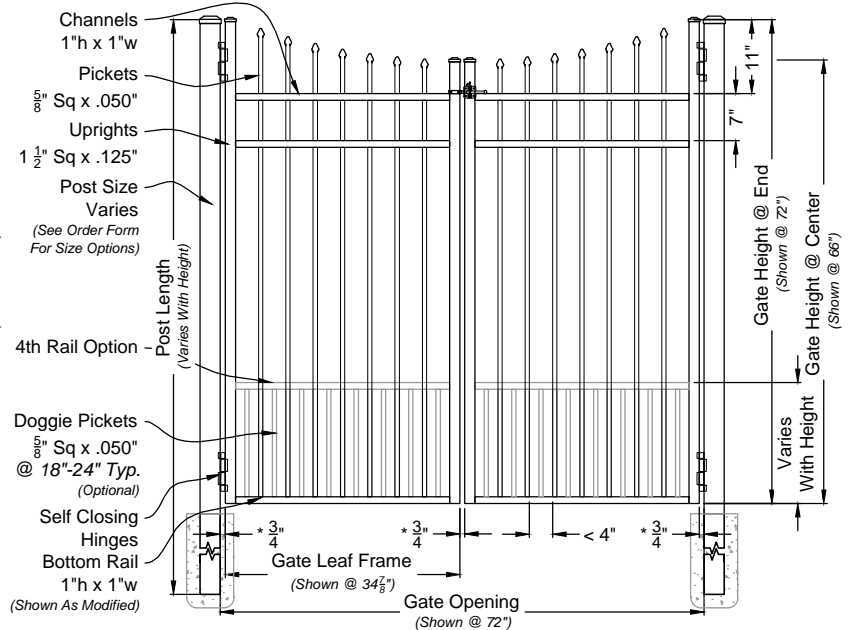
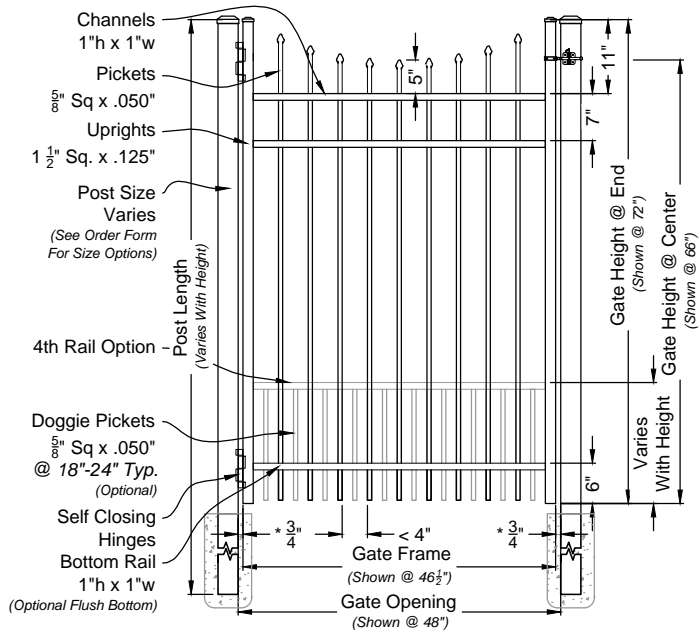
3200 Parker Drive Phone: 386.736.1700  
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1 OF 1



**01 New Englander #800 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



**02 New Englander Single Walk Gate**  
#8000 Arched Rail Option Scale: NTS

**03 New Englander Double Walk Gate**  
#6800M Straight Rail Option Scale: NTS

**New Englander Fence & Gate**  
Select Residential Series #800

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

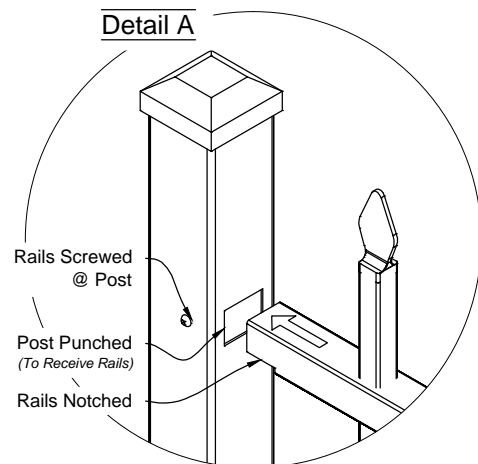
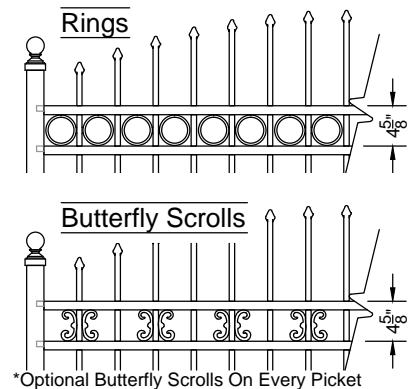
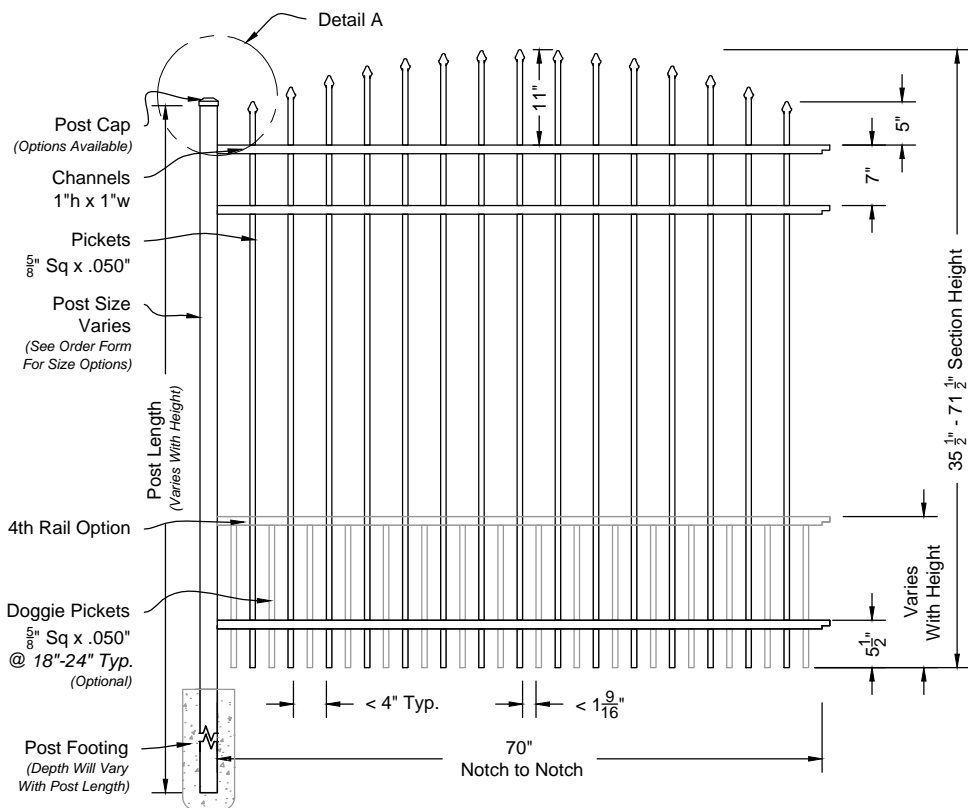
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 800 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

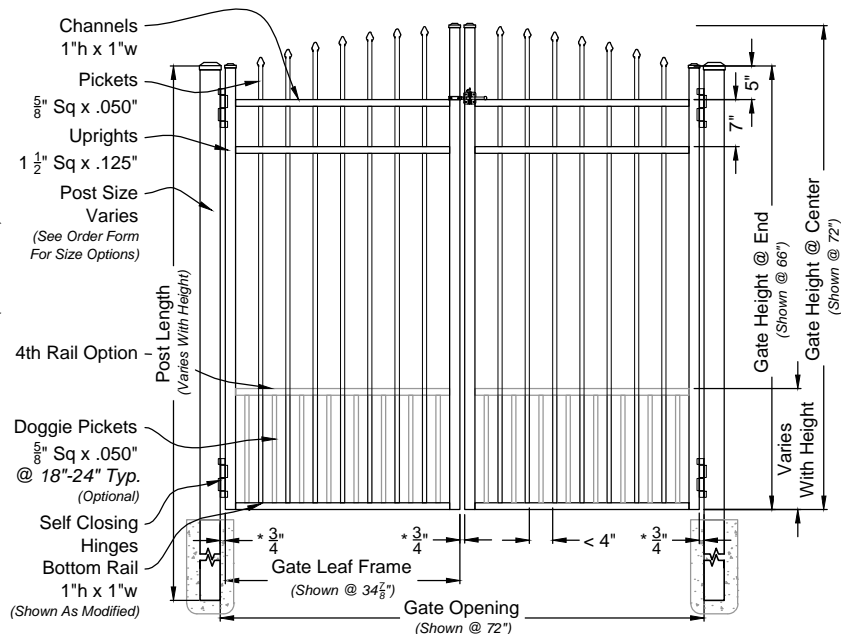
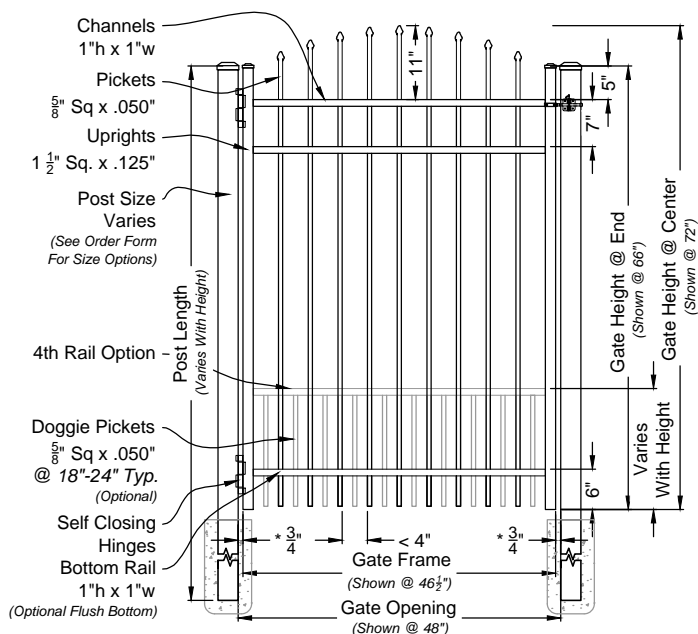
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **New Yorker #900 6ft Fence Panel**  
Shown As Select Residential Series Scale: NTS

## Matching Gate Options



02 **New Yorker Single Walk Gate**  
#9000 Arched Rail Option Scale: NTS

03 **New Yorker Double Walk Gate**  
#6900M Straight Rail Option Scale: NTS

**New Yorker Fence & Gate**  
Select Residential Series #900

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

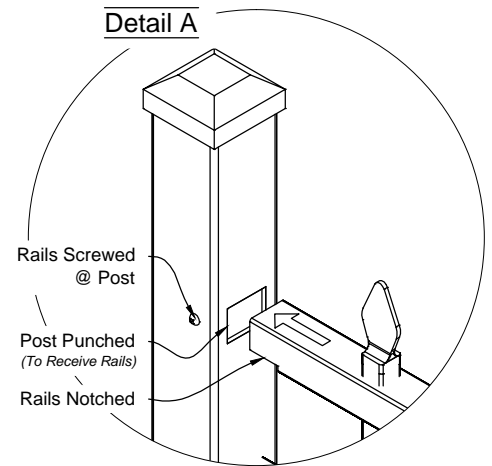
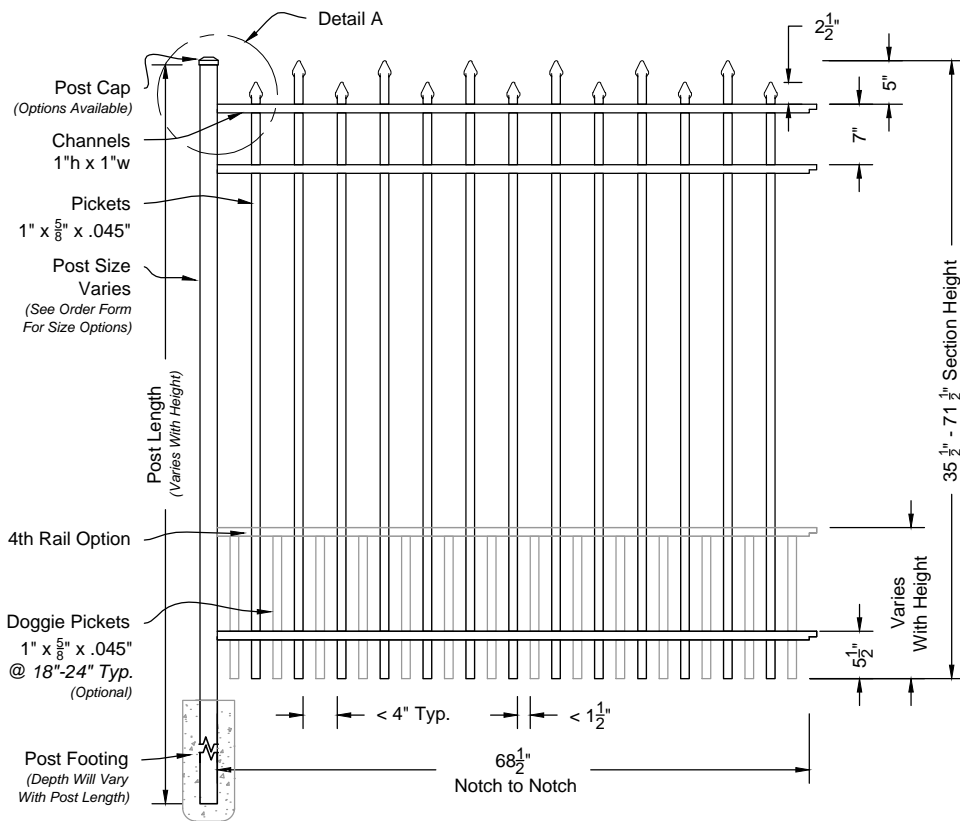
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Res 900 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

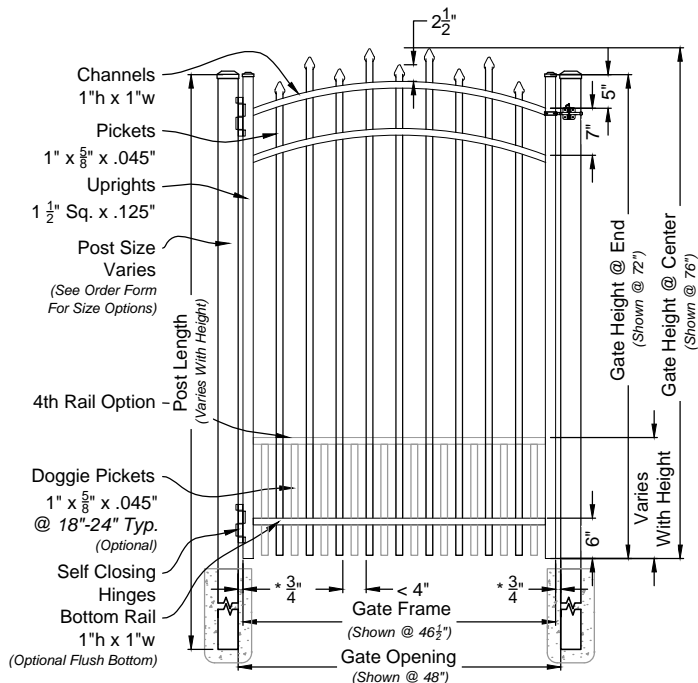
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

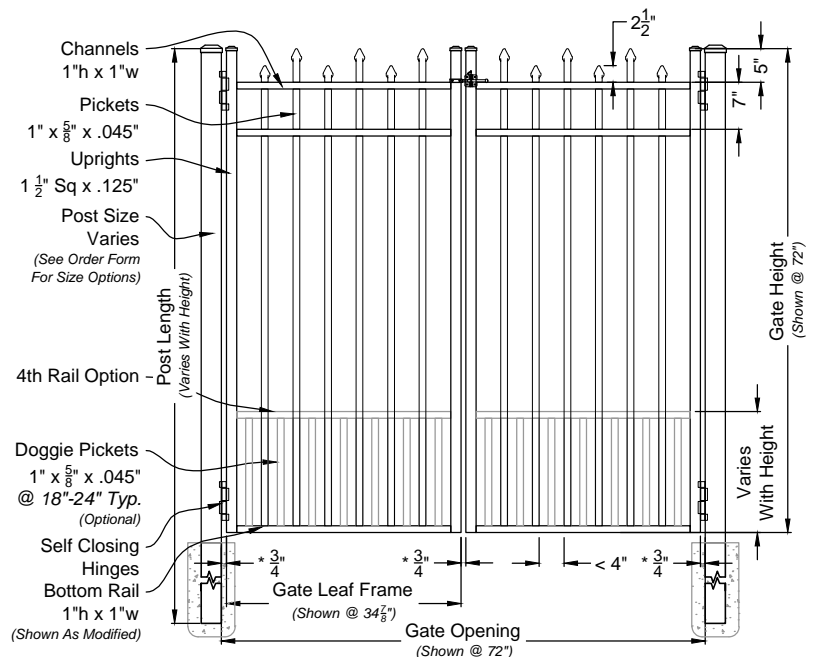


**01 Californian #200 6ft Fence Panel**  
Shown As Parkway Series Scale: NTS

## Matching Gate Options



**02 Californian Single Walk Gate**  
#2003 Arched Rail Option Scale: NTS



**03 Californian Double Walk Gate**  
#6200M Straight Rail Option Scale: NTS

Californian Fence & Gate  
Parkway Series #200

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

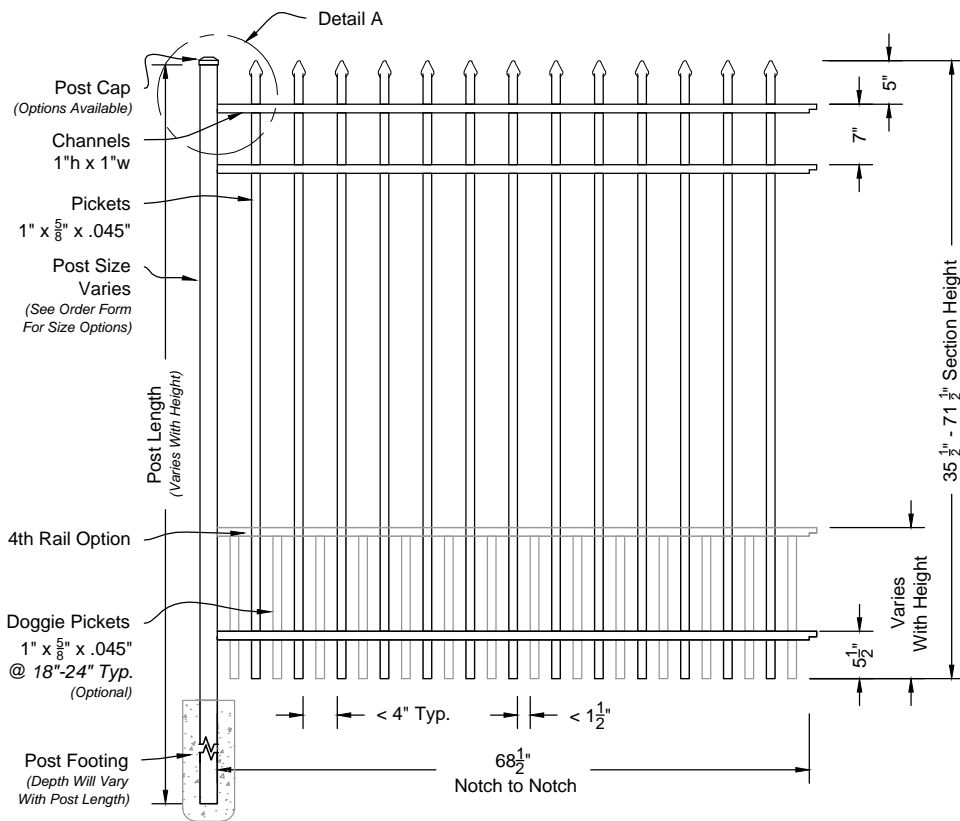
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Pky 200 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

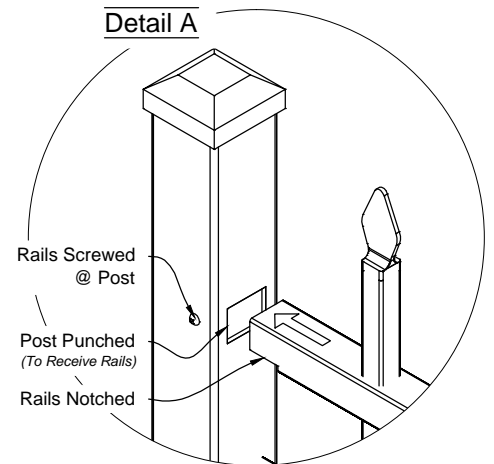


Rings

Not Available

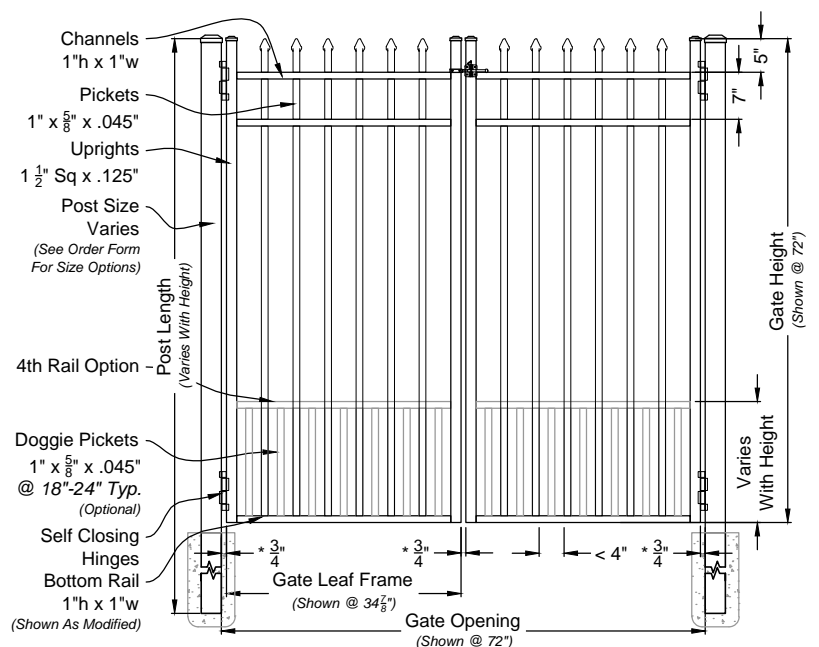
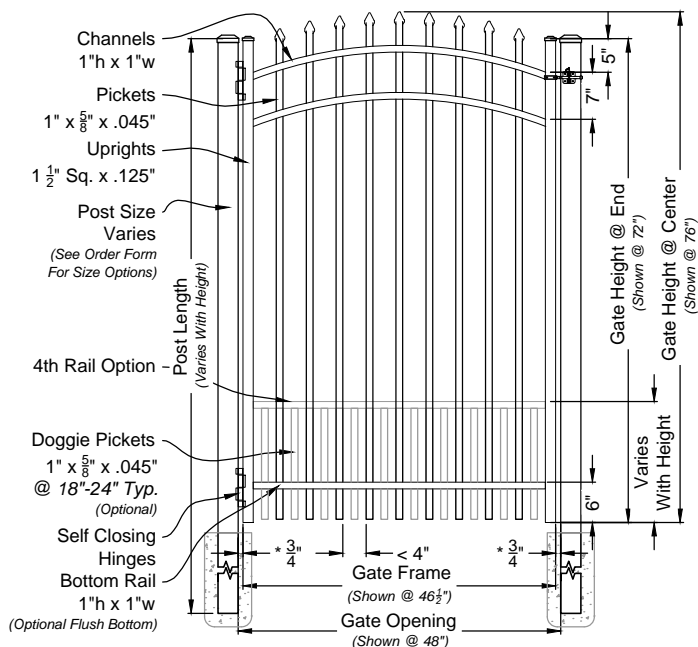
Butterfly Scrolls

Not Available



01 **Maine #203 6ft Fence Panel**  
Shown As Parkway Series Scale: NTS

## Matching Gate Options



02 **Maine Single Walk Gate**  
#2033 Arched Rail Option Scale: NTS

03 **Maine Double Walk Gate**  
#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Parkway Series #203

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

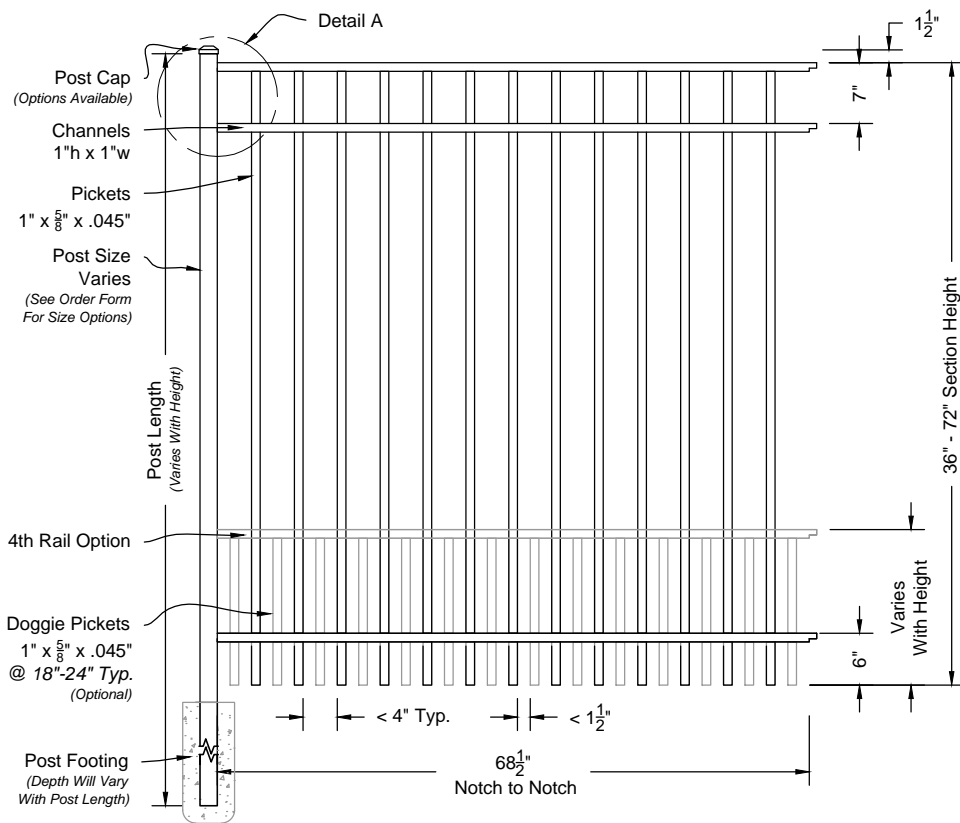
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Pky 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:  
Drawn By: JMixon Drawn Date: 12-Apr-17

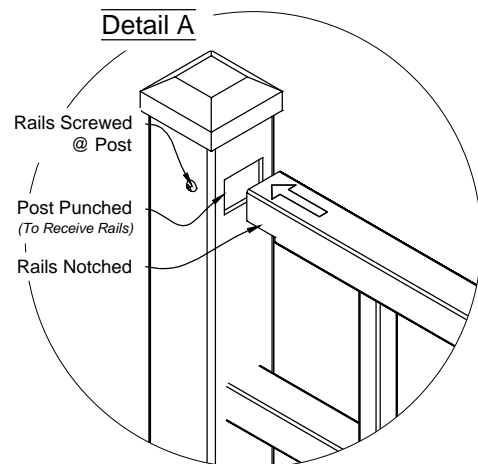
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



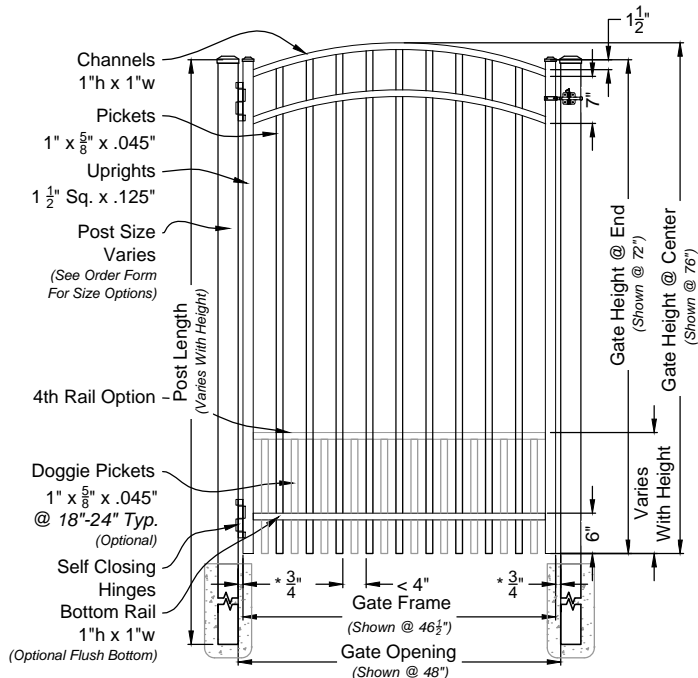
Rings  
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Butterfly Scrolls  
Not Available

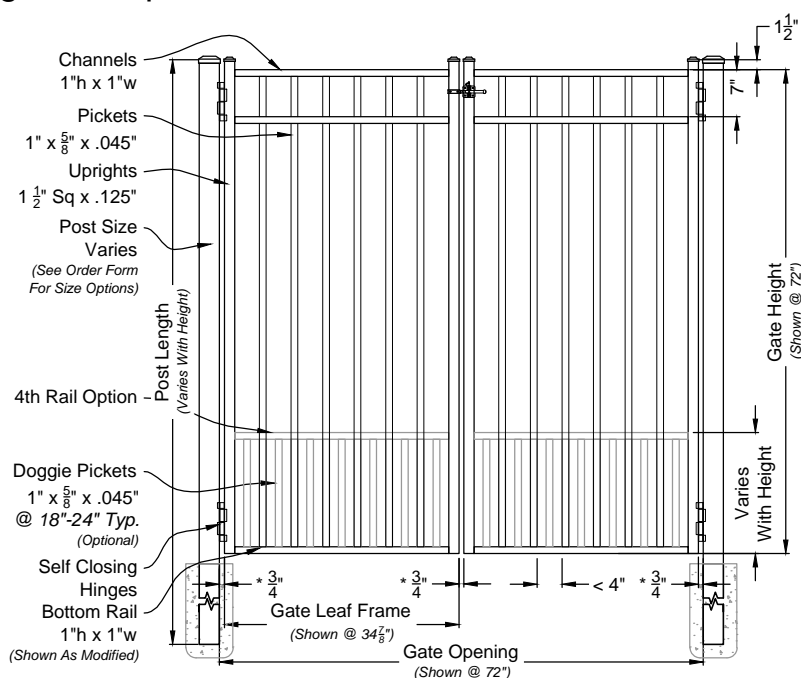


01 Long Islander #300 6ft Fence Panel  
Shown As Parkway Series Scale: NTS

## Matching Gate Options



02 Long Islander Single Walk Gate  
#3003 Arched Rail Option Scale: NTS



03 Long Islander Double Walk Gate  
#6300M Straight Rail Option Scale: NTS

Long Islander Fence & Gate  
Parkway Series #300

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

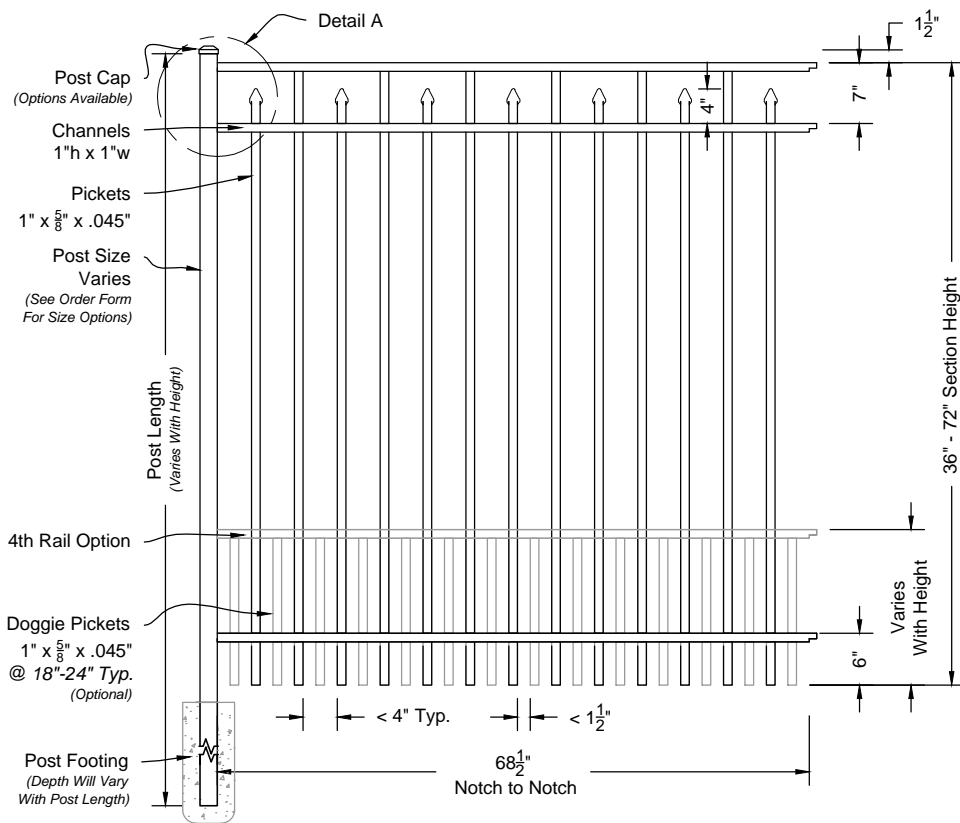
Pky 300 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

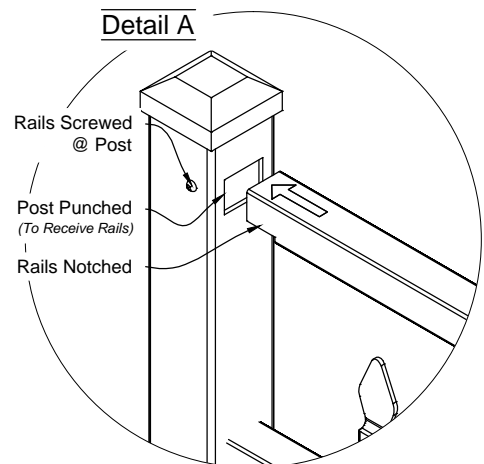
1 OF 1





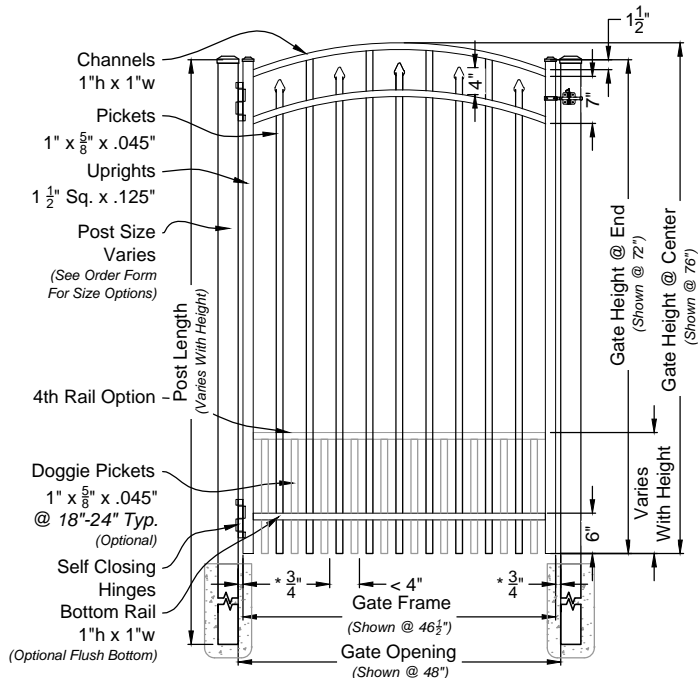
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Not Available

Butterfly Scrolls  
Not Available

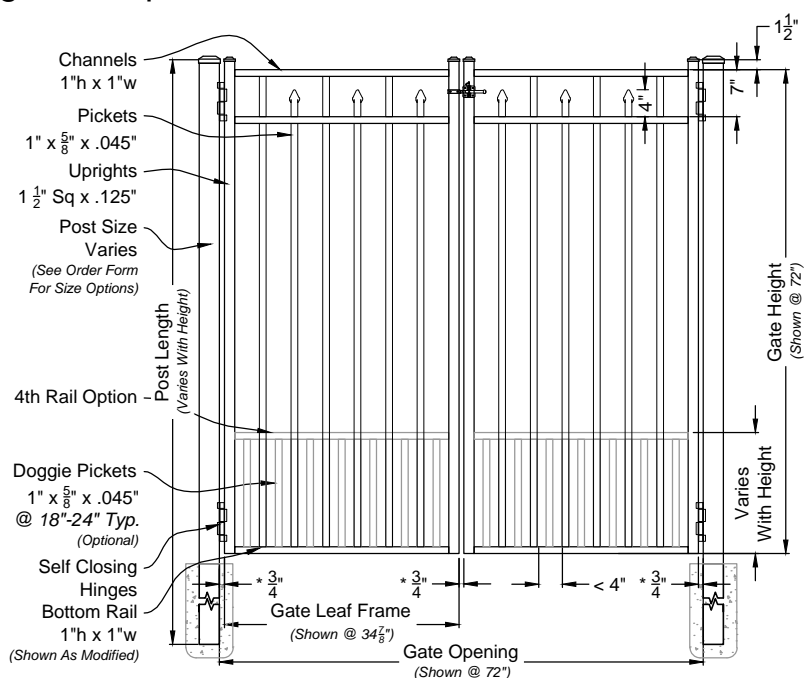


01 **Floridian #303 6ft Fence Panel**  
Shown As Parkway Series Scale: NTS

## Matching Gate Options



02 **Floridian Single Walk Gate**  
#3033 Arched Rail Option Scale: NTS



03 **Floridian Double Walk Gate**  
#6303M Straight Rail Option Scale: NTS

**Floridian Fence & Gate**  
Parkway Series #303

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

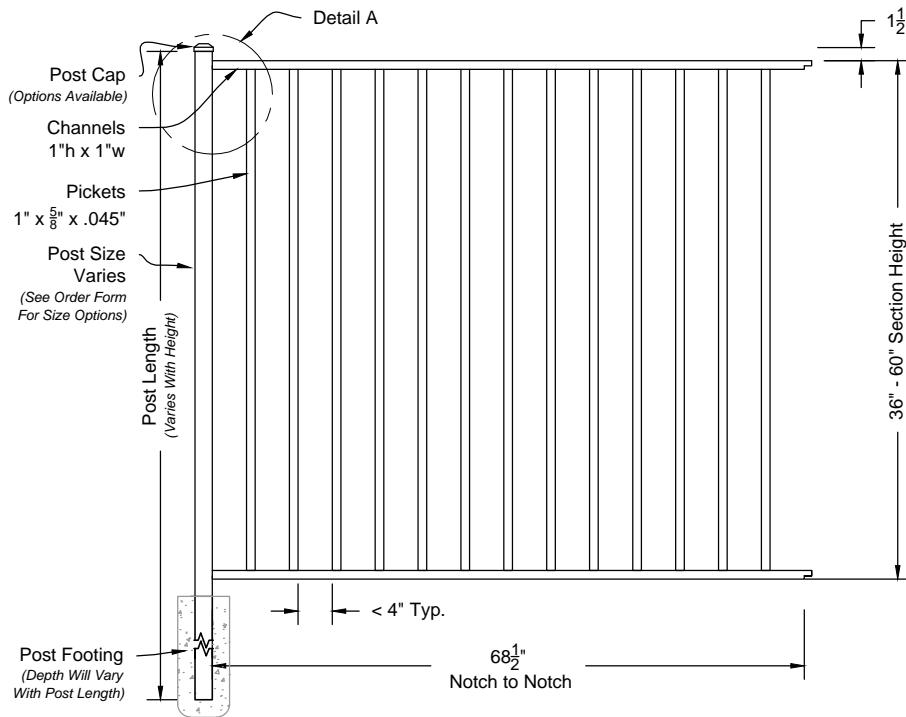
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Pky 303 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



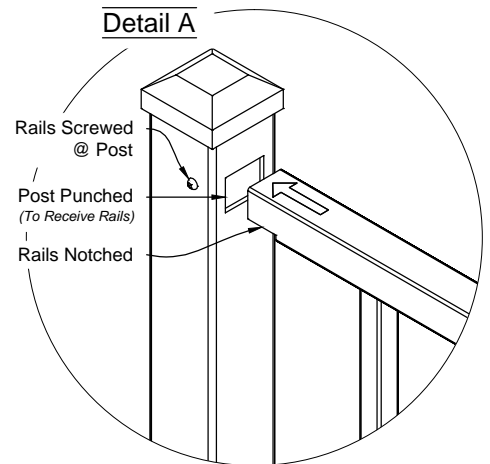
**Alamo #400 6ft Fence Panel**  
Shown As Parkway Series Scale: NTS

Rings

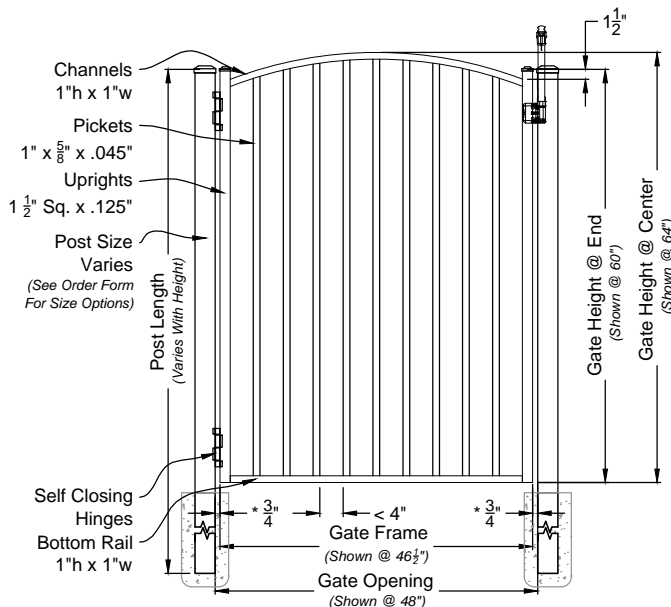
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Butterfly Scrolls

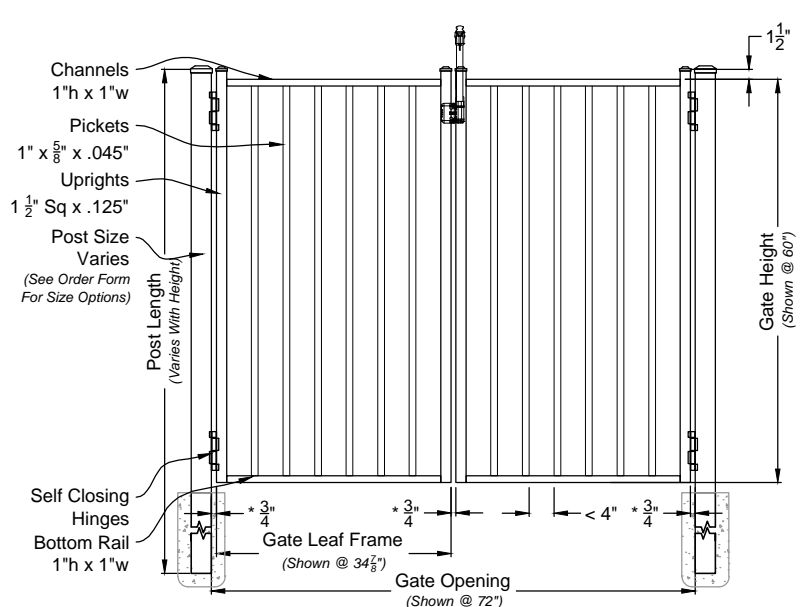
**Not Available**



## Matching Gate Options



**Alamo Single Walk Gate**  
#4004 Arched Rail Option Scale: NTS



**Alamo Double Walk Gate**  
#6400M Straight Rail Option Scale: NTS

**Alamo Fence & Gate**  
Parkway Series #400

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

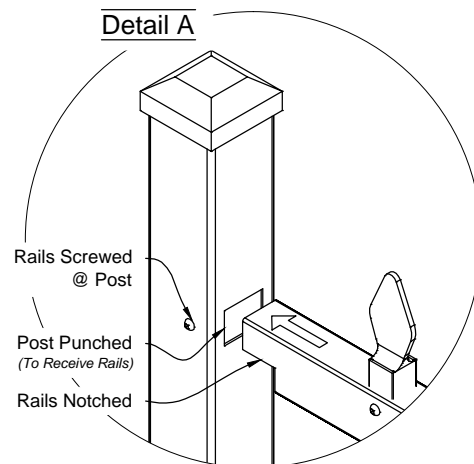
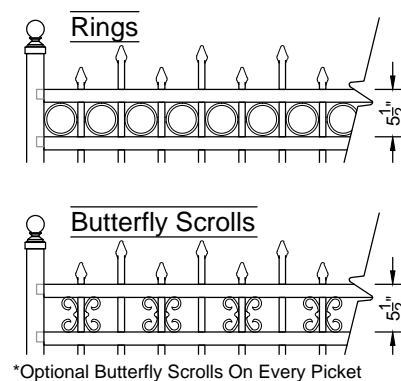
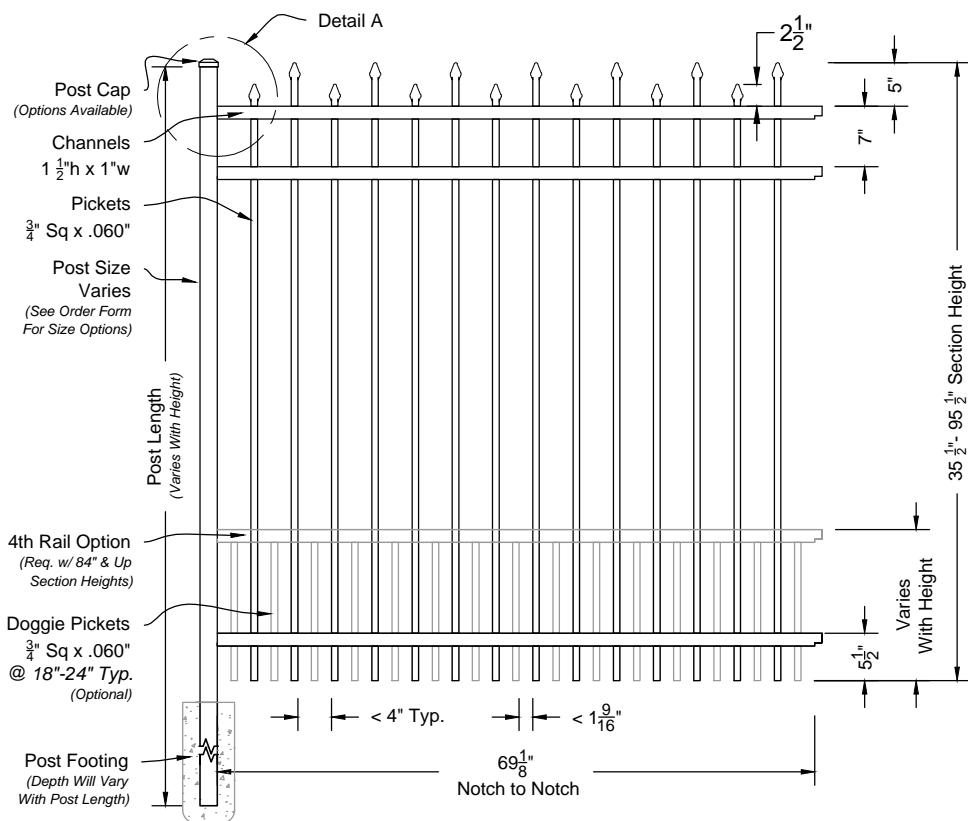
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Pky 400 Series  
Fence & Gate  
Details  
Pool Code

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 12-Apr-17

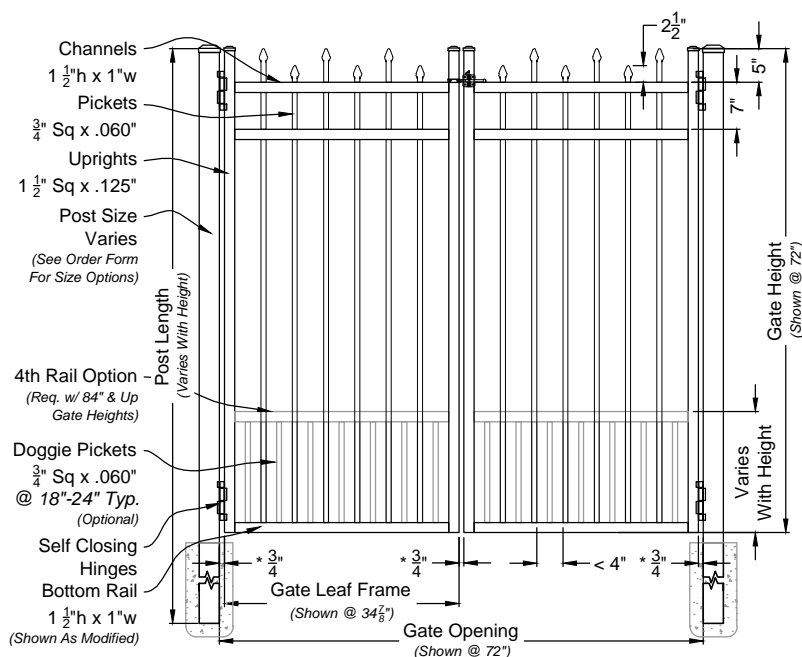
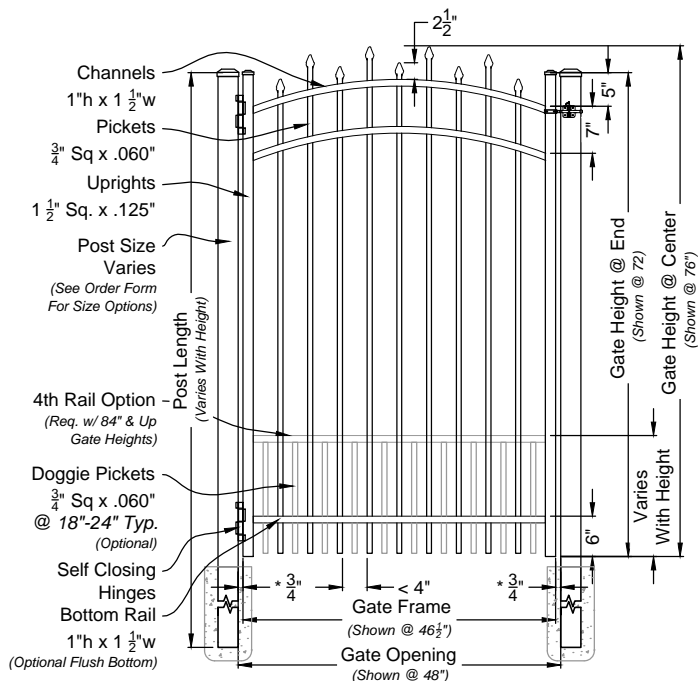
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



**i**  
01 **Californian #200 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**i**  
02 **Californian Single Walk Gate**  
#2003 Arched Rail Option Scale: NTS

**i**  
03 **Californian Double Walk Gate**  
#6200M Straight Rail Option Scale: NTS

**Californian Fence & Gate**  
Commercial Series #200

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

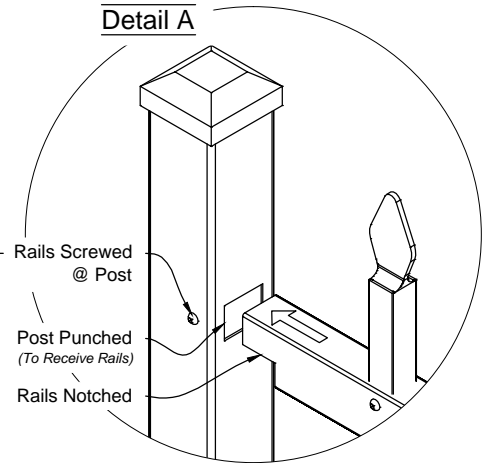
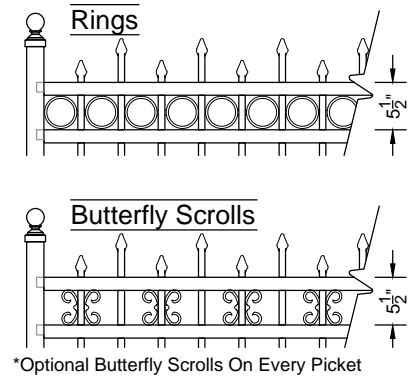
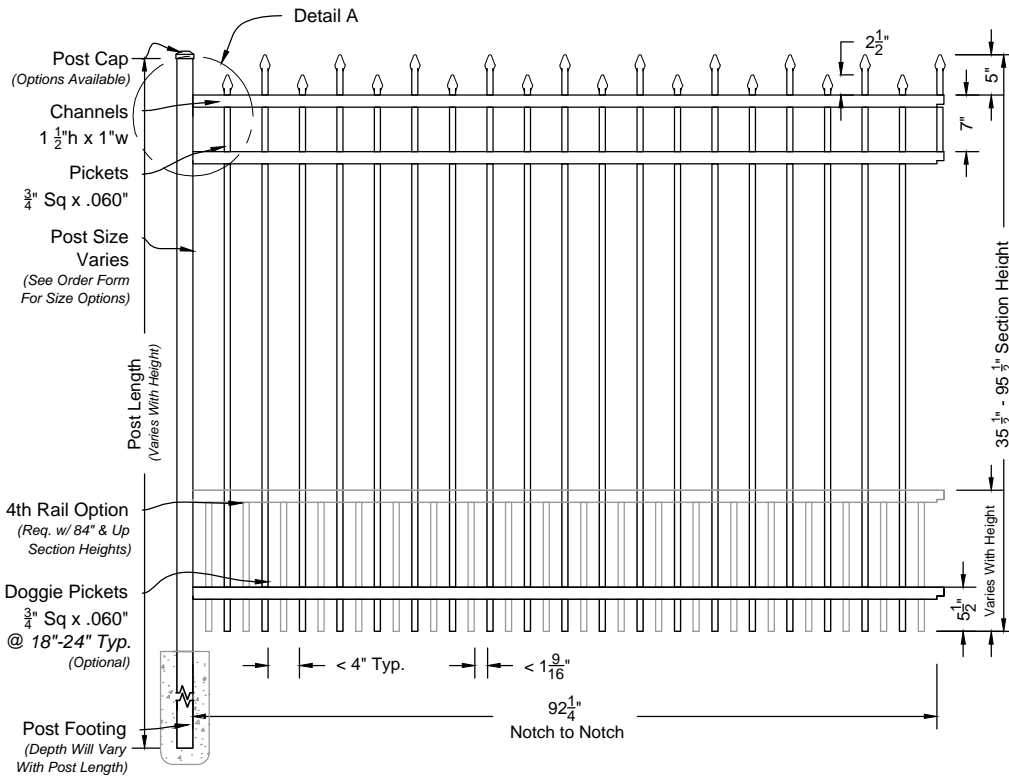
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 200 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

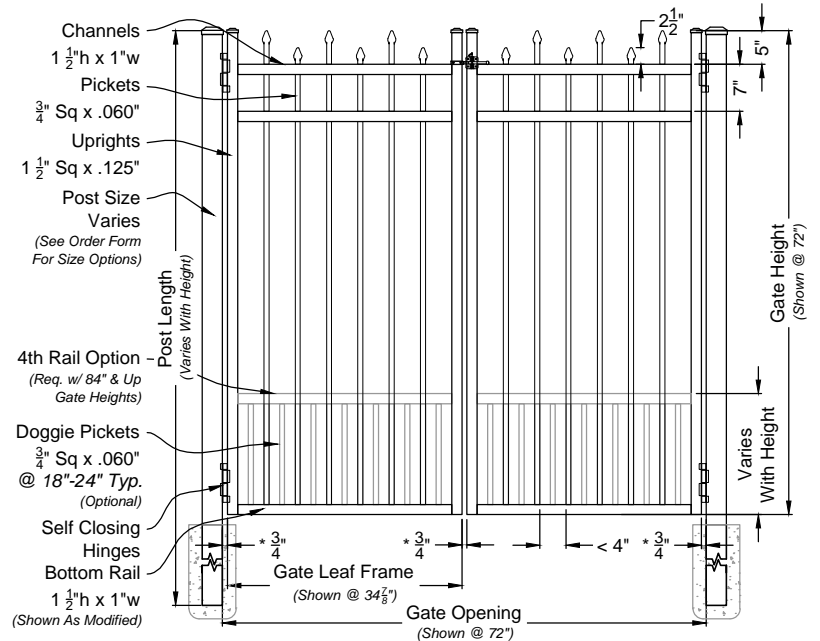
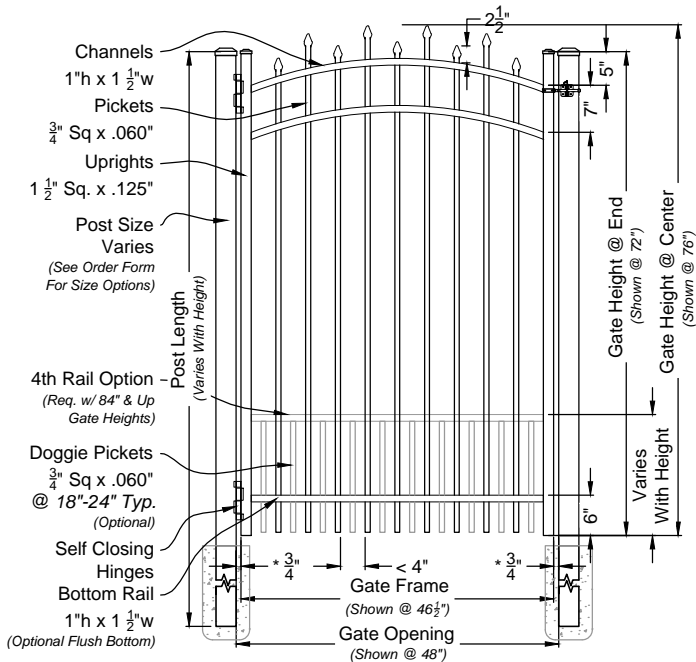
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **Californian #200 8ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **Californian Single Walk Gate**  
#2003 Arched Rail Option Scale: NTS

03 **Californian Double Walk Gate**  
#6200M Straight Rail Option Scale: NTS

**Californian Fence & Gate**  
Commercial Series #200

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

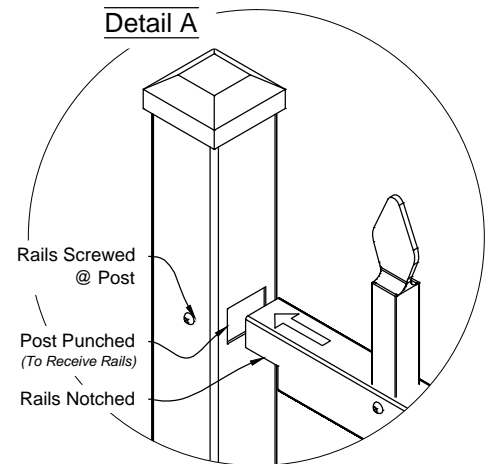
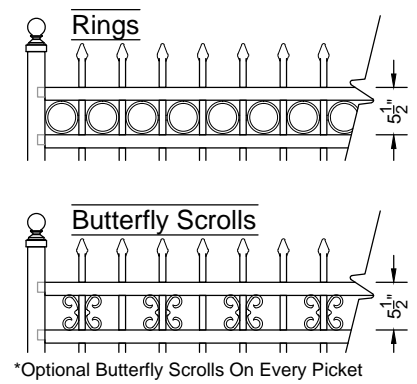
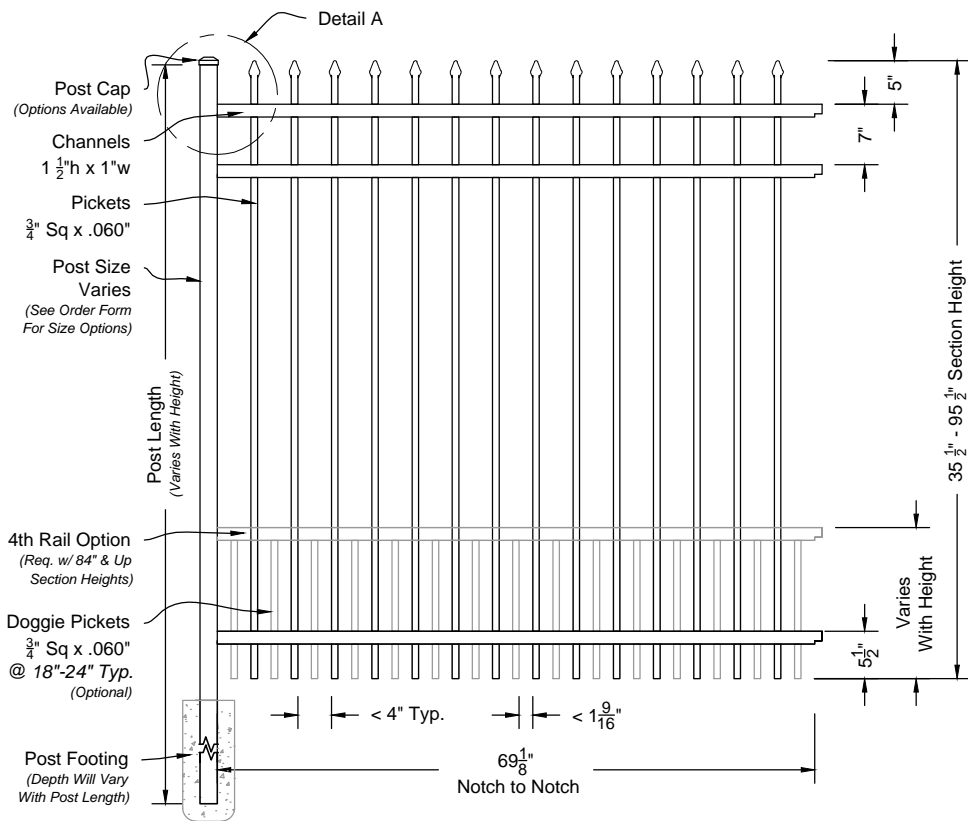
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 200 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 9-Mar-17

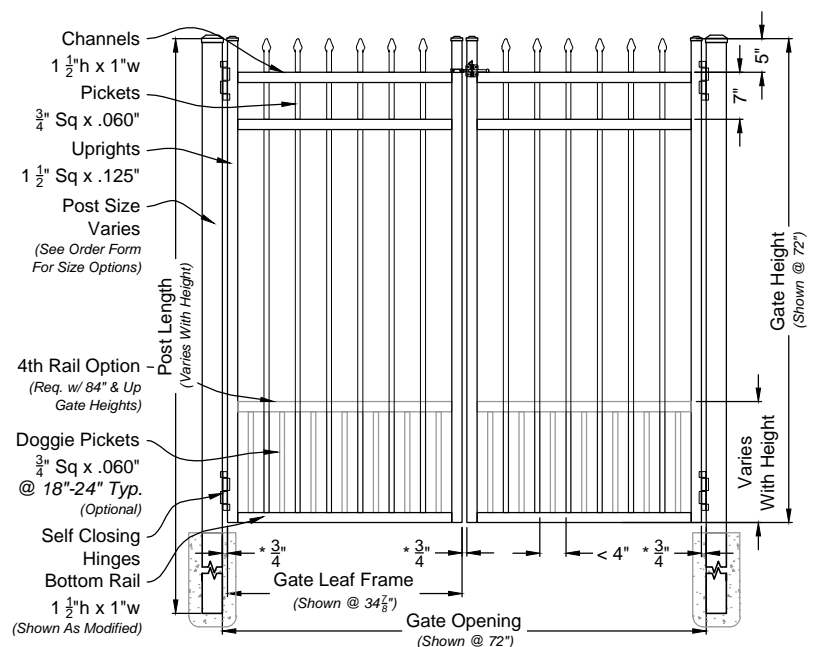
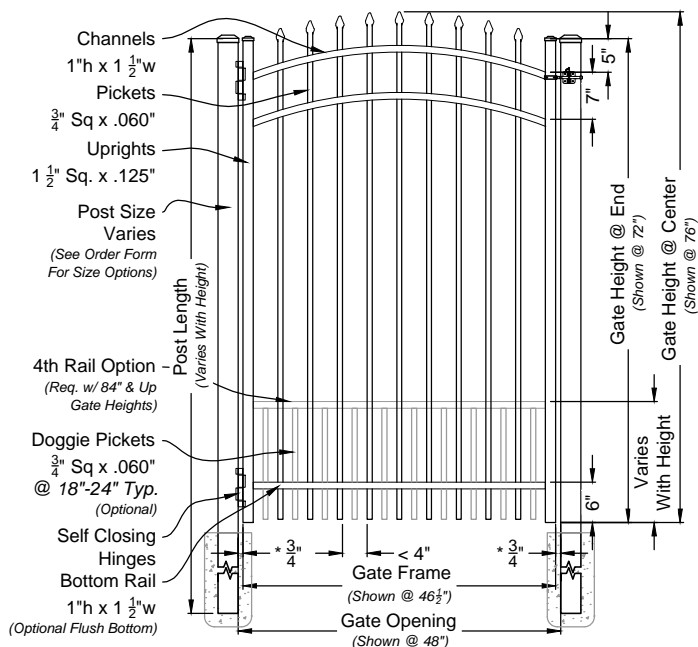
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **Maine #203 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **Maine Single Walk Gate**  
#2033 Arched Rail Option Scale: NTS

03 **Maine Double Walk Gate**  
#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Commercial Series #203

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

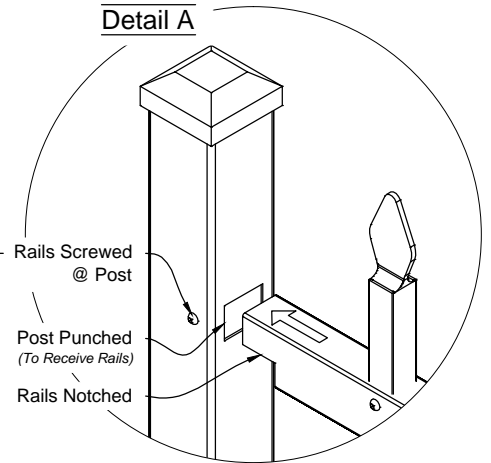
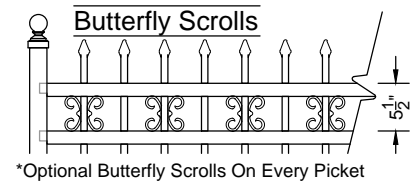
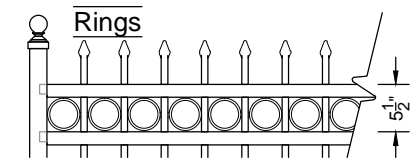
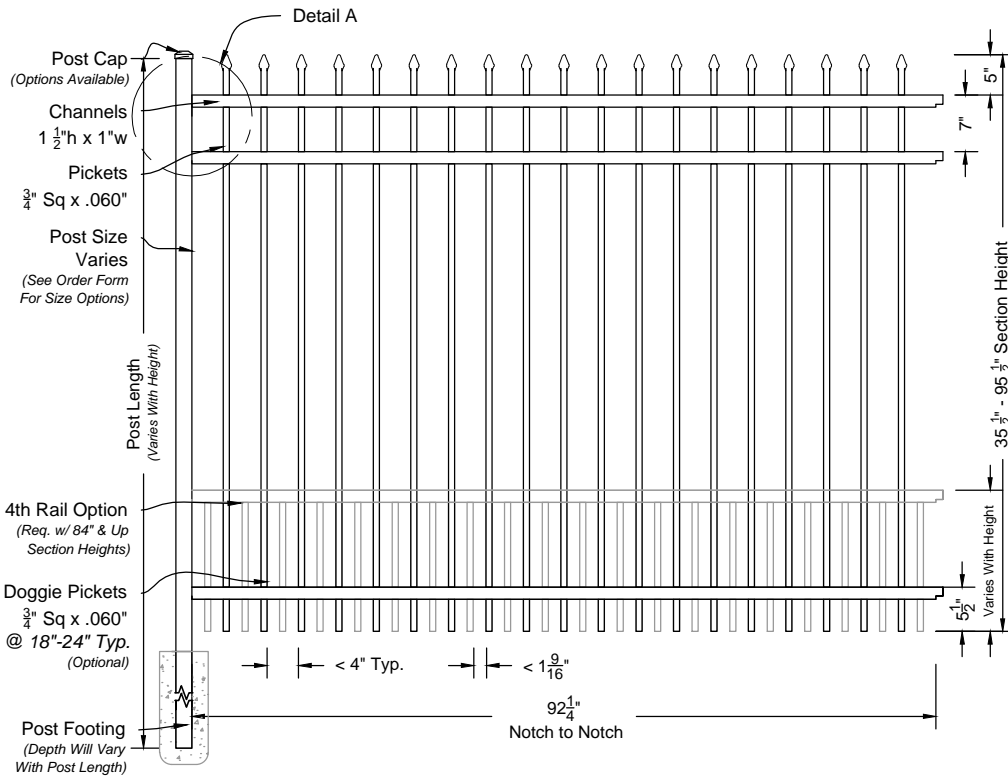
\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

Com 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

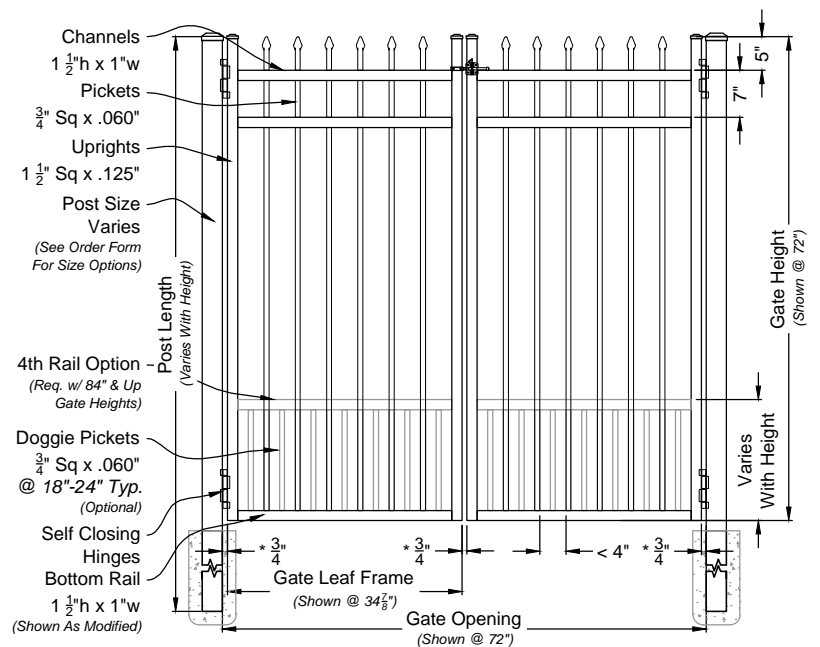
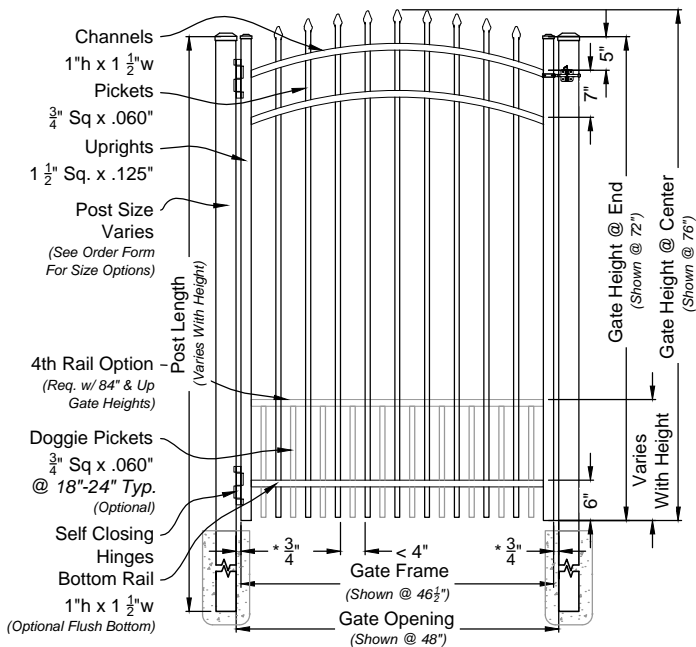
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **Maine #203 8ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **Maine Single Walk Gate**  
#2033 Arched Rail Option Scale: NTS

03 **Maine Double Walk Gate**  
#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Commercial Series #203

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

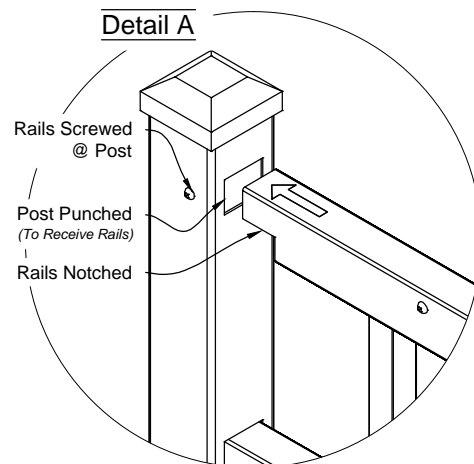
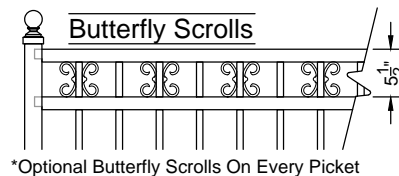
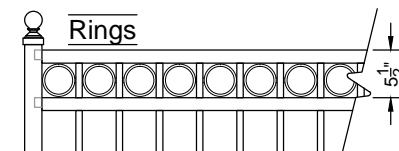
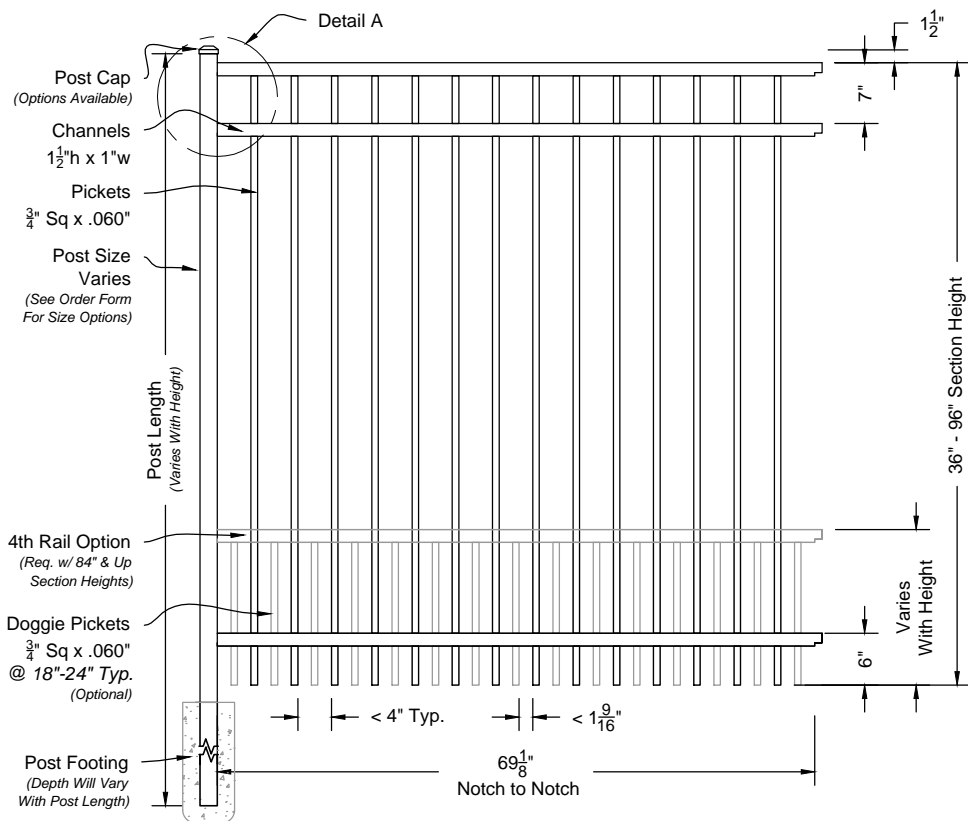
\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

Com 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

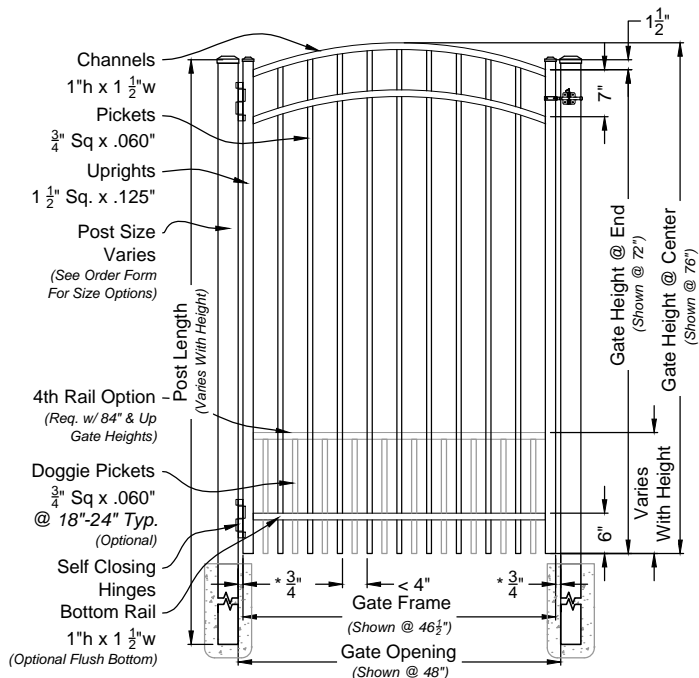
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

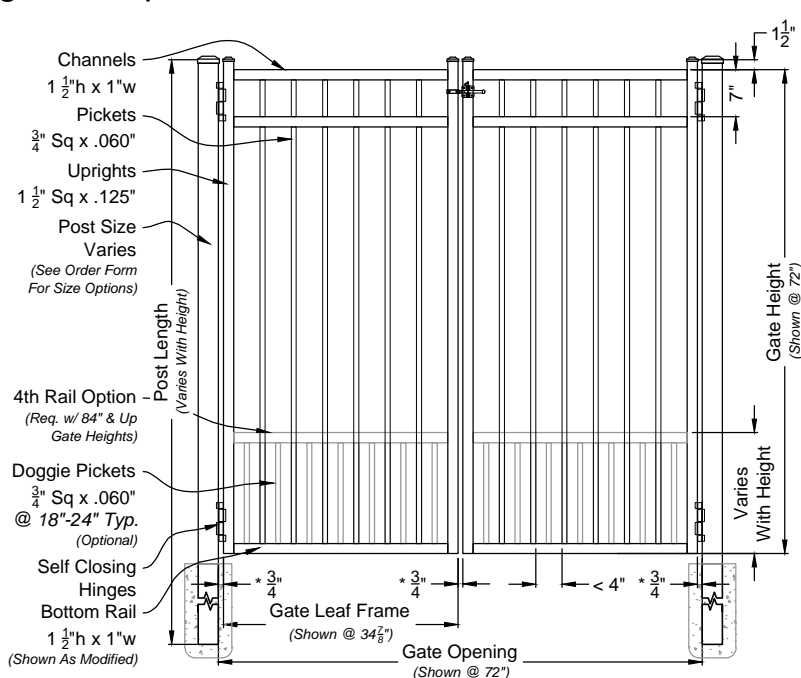


01 Long Islander #300 6ft Fence Panel  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 Long Islander Single Walk Gate  
#3003 Arched Rail Option Scale: NTS



03 Long Islander Double Walk Gate  
#6300M Straight Rail Option Scale: NTS

## Long Islander Fence Section Commercial Series #300



### DRAWING NOTES:

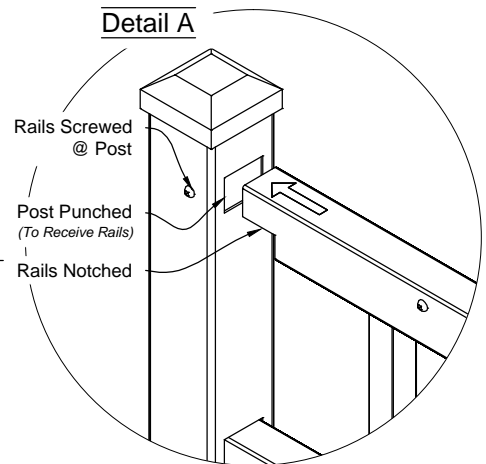
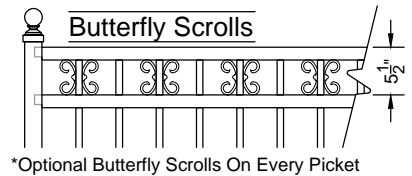
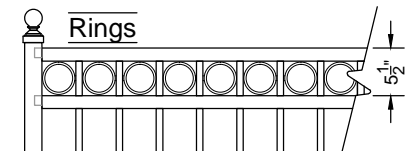
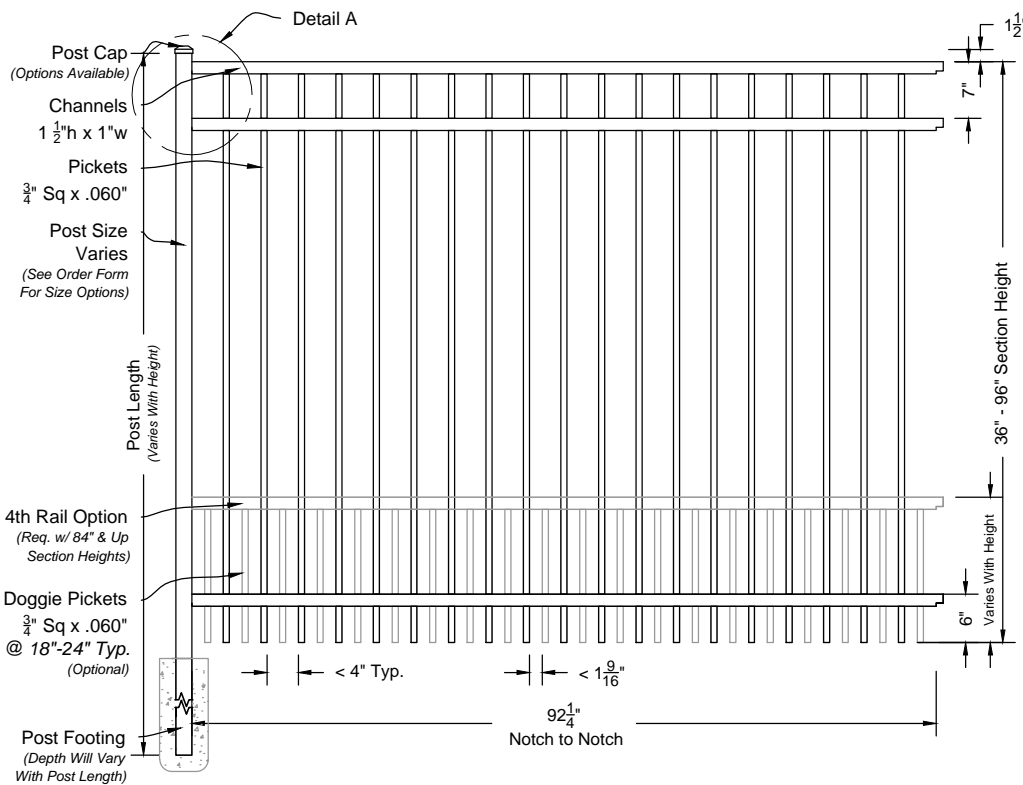
Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 300 Series  
Fence Section  
Details

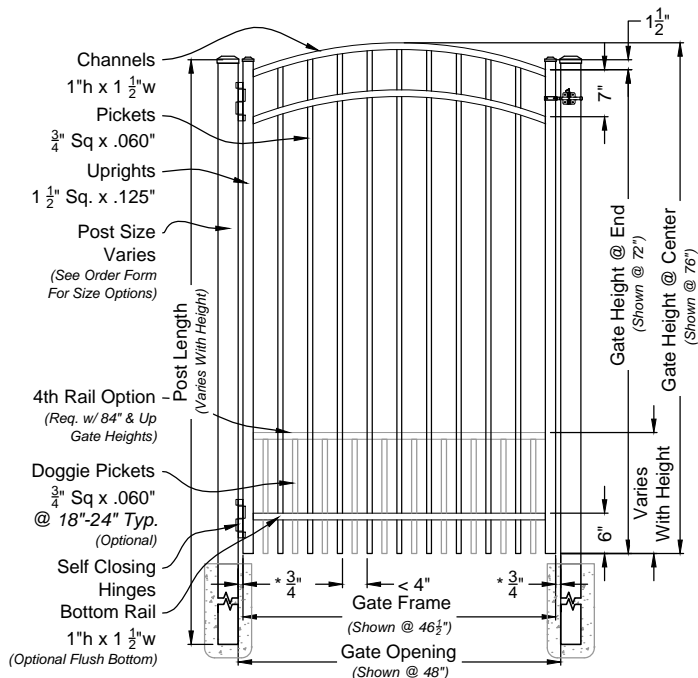
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

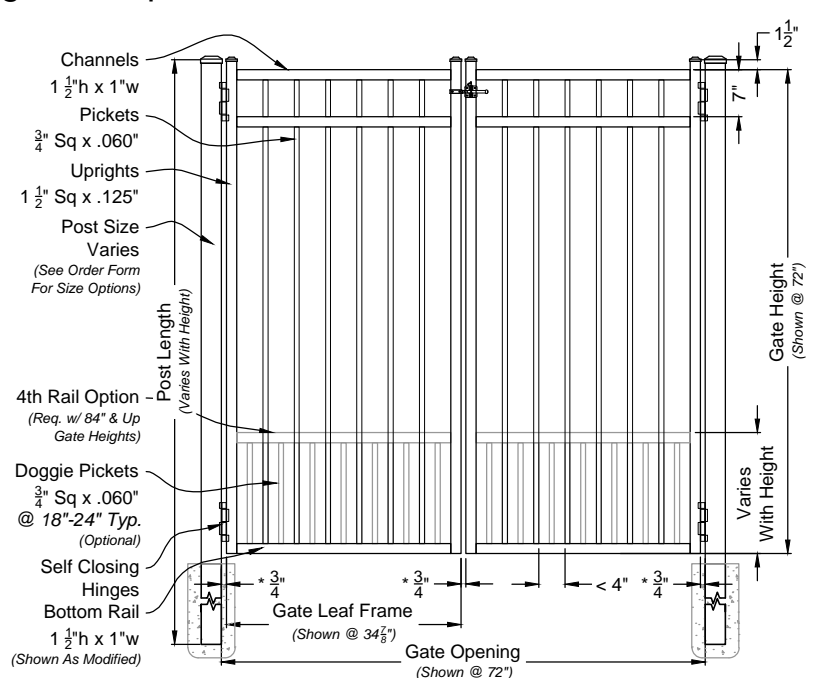


01 Long Islander #300 8ft Fence Panel  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 Long Islander Single Walk Gate  
#3003 Arched Rail Option Scale: NTS



03 Long Islander Double Walk Gate  
#6300M Straight Rail Option Scale: NTS

## Long Islander Fence Section Commercial Series #300



### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

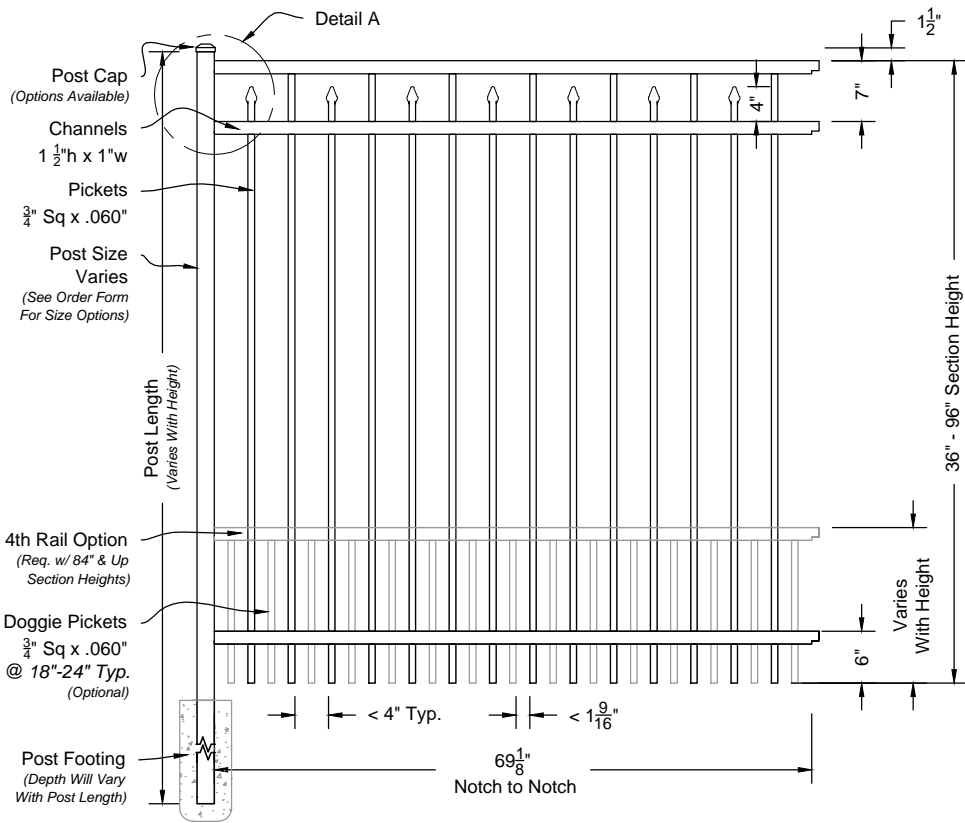
Com 300 Series  
Fence Section  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



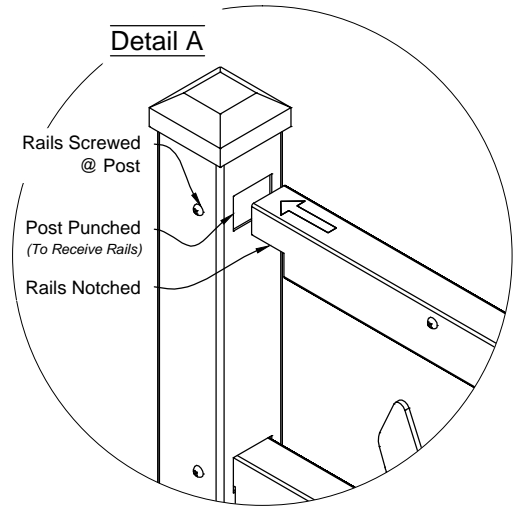


Rings

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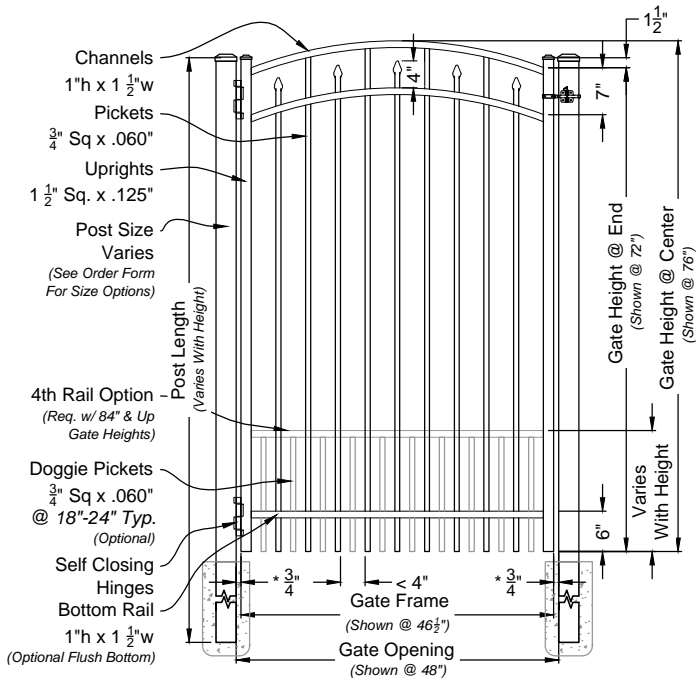
Butterfly Scrolls

Not Available

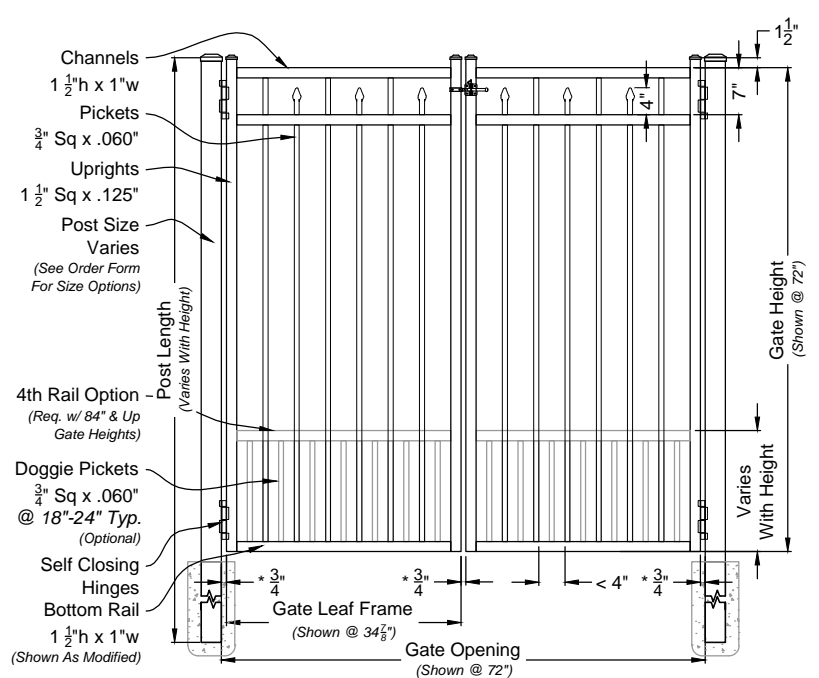


01 **Floridian #303 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **Floridian Single Walk Gate**  
#3033 Arched Rail Option Scale: NTS



03 **Floridian Double Walk Gate**  
#6303M Straight Rail Option Scale: NTS

**Floridian Fence & Gate**  
Commercial Series #303

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

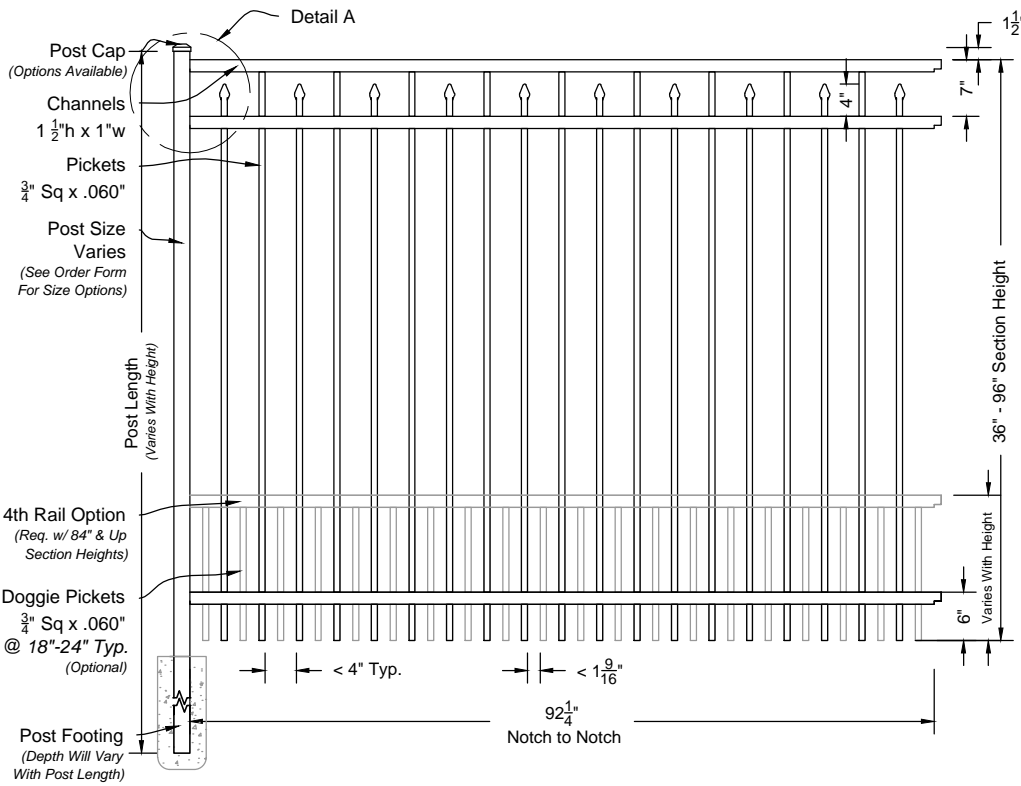
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 303 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

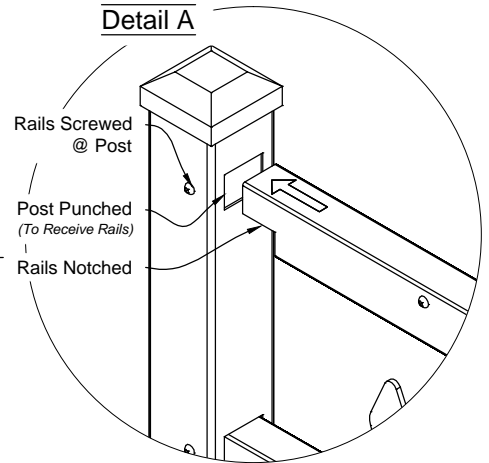
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



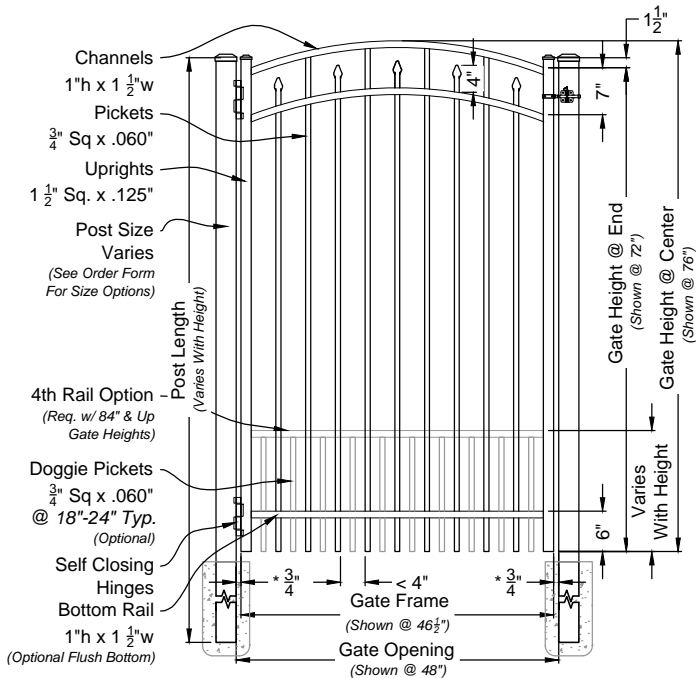
Rings  
**Not Available**

Butterfly Scrolls  
**Not Available**  
\*Optional Butterfly Scrolls On Every Picket

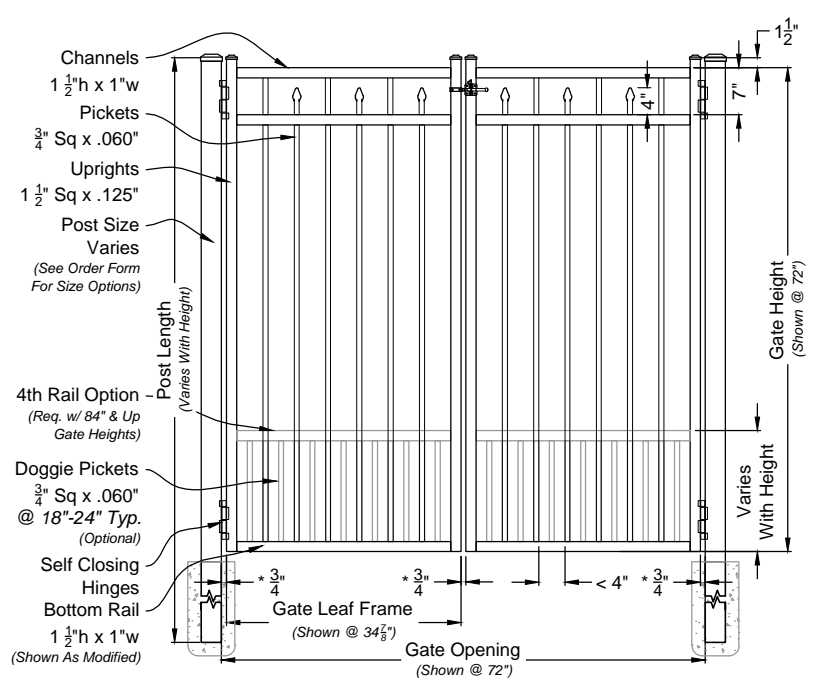


**01** Floridian #303 8ft Fence Panel  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**02** Floridian Single Walk Gate  
#3033 Arched Rail Option Scale: NTS



**03** Floridian Double Walk Gate  
#6303M Straight Rail Option Scale: NTS

## Floridian Fence Section Commercial Series #303

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

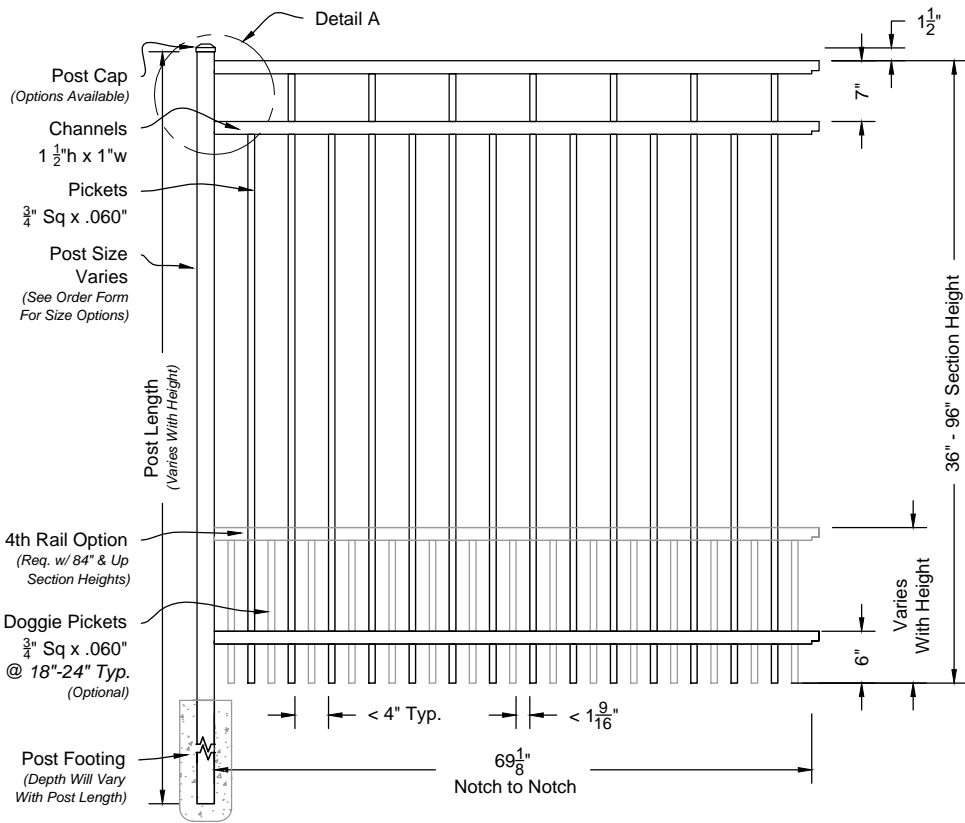
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 303 Series  
Fence Section  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 10-Mar-17

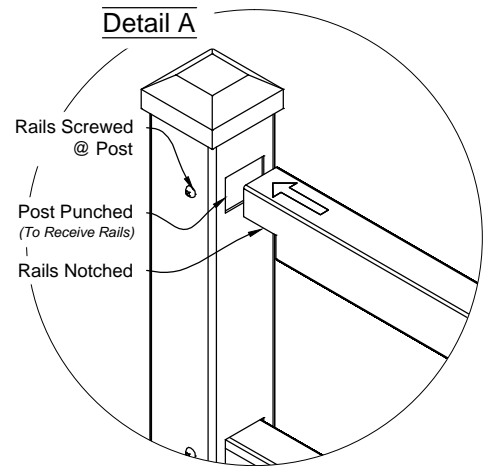
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



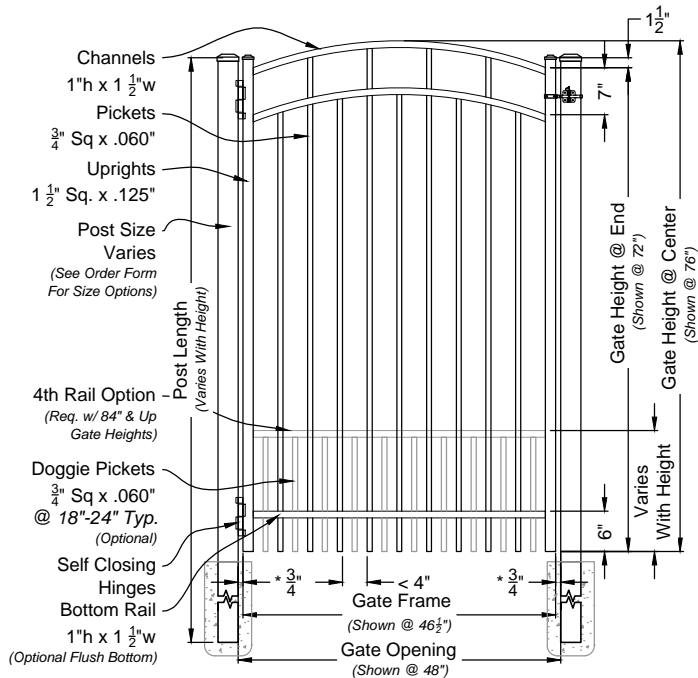
Rings  
**Not Available**

Butterfly Scrolls  
**Not Available**

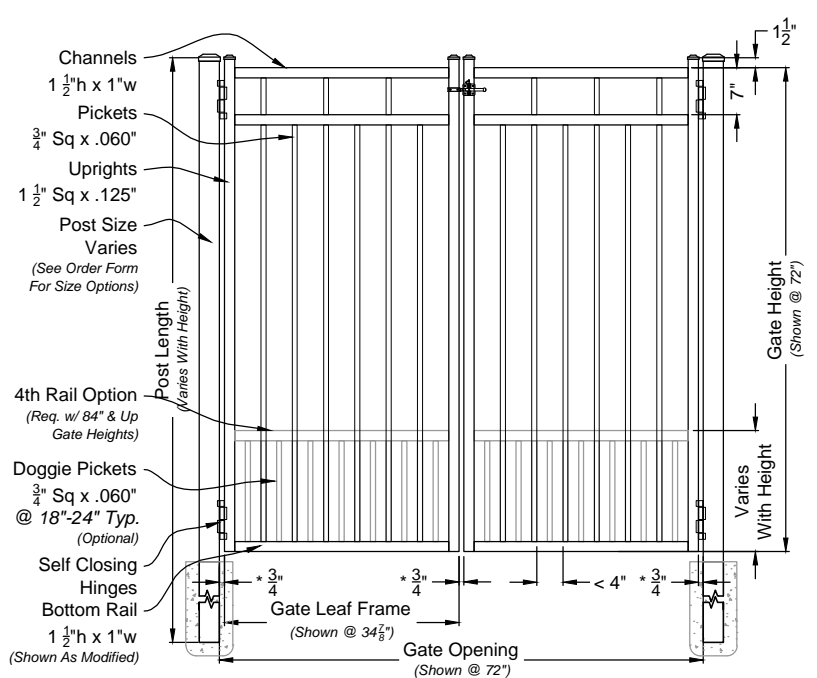


**01 Carolina #403 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**02 Carolina Single Walk Gate**  
#4033 Arched Rail Option Scale: NTS



**03 Carolina Double Walk Gate**  
#6403M Straight Rail Option Scale: NTS

**Carolina Fence & Gate**  
Commercial Series #403

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

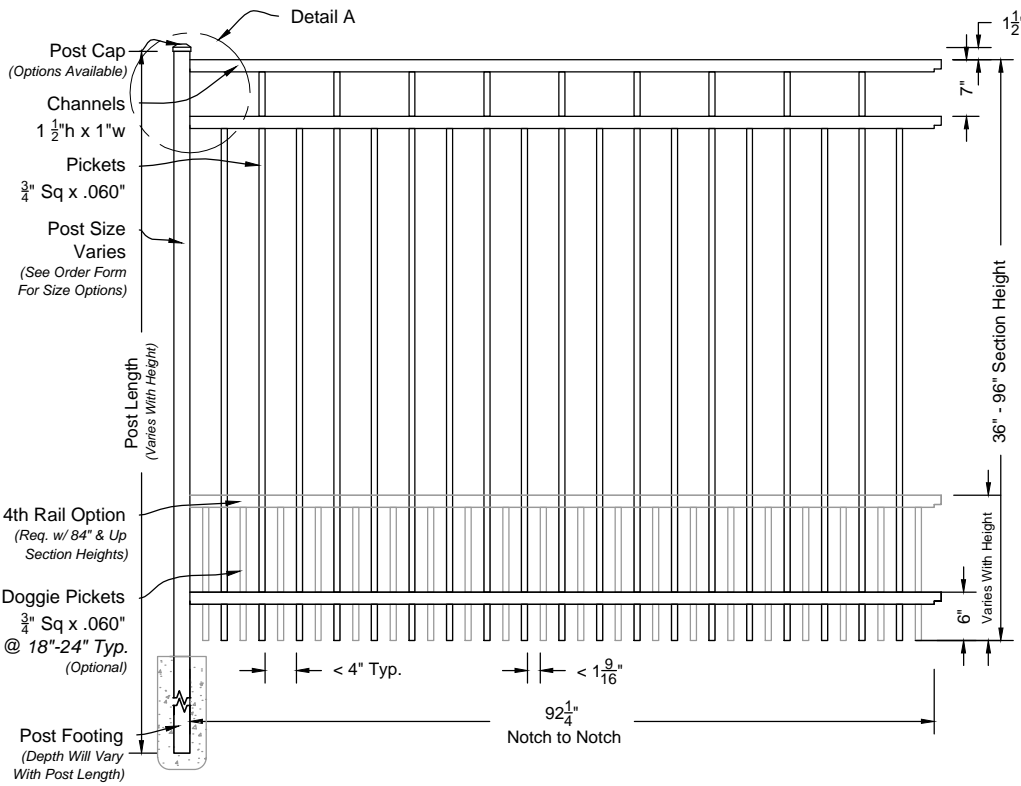
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 403 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

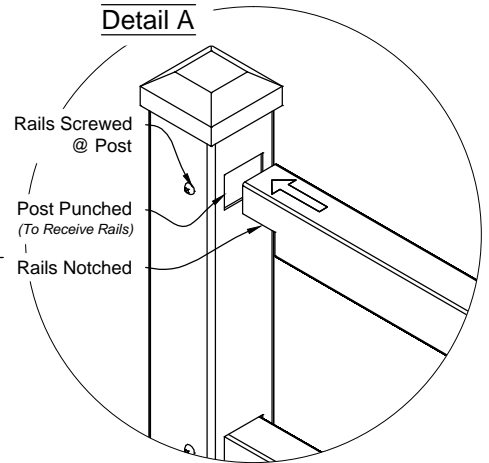
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



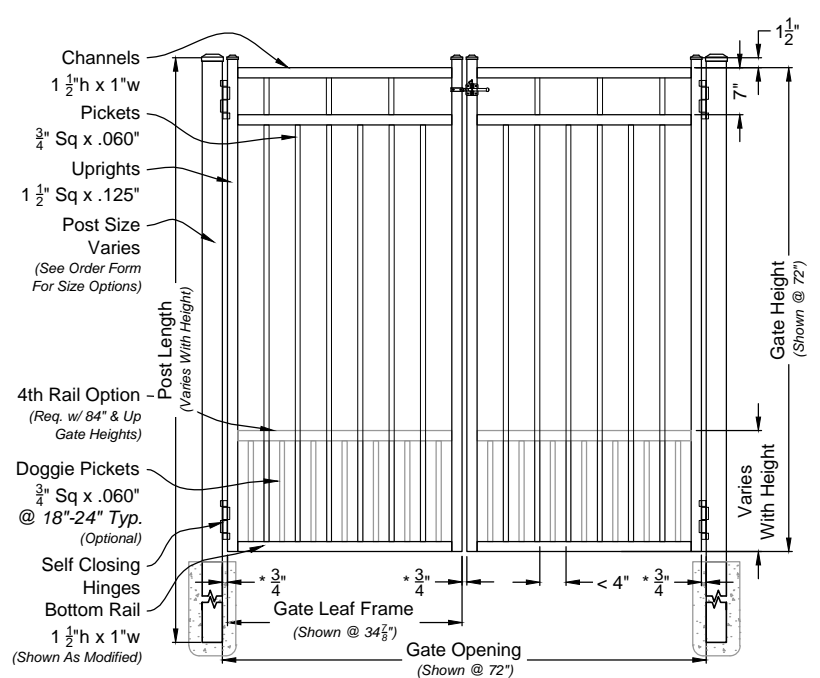
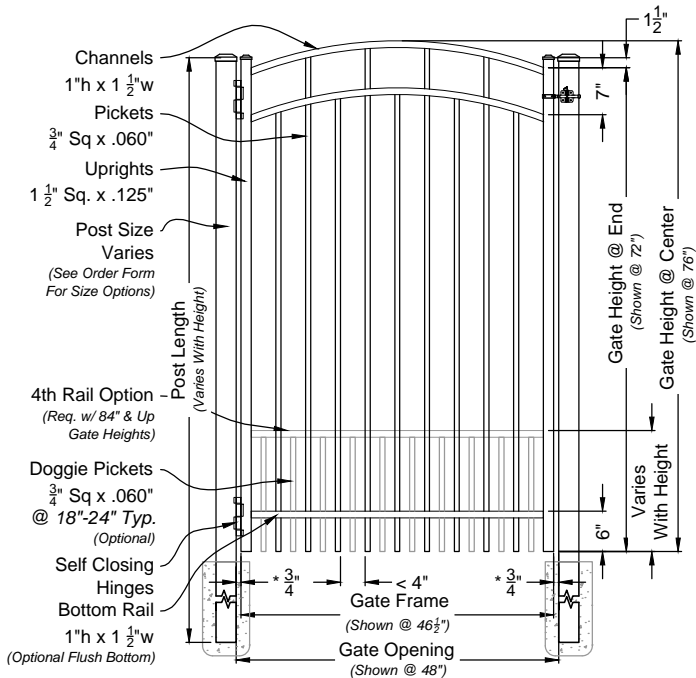
Rings  
**Not Available**

Butterfly Scrolls  
**Not Available**  
\*Optional Butterfly Scrolls On Every Picket



**Carolina #403 8ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**Carolina Single Walk Gate**  
#4033 Arched Rail Option Scale: NTS

**Carolina Double Walk Gate**  
#6403M Straight Rail Option Scale: NTS

**Carolina Fence Section**  
Commercial Series #403

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

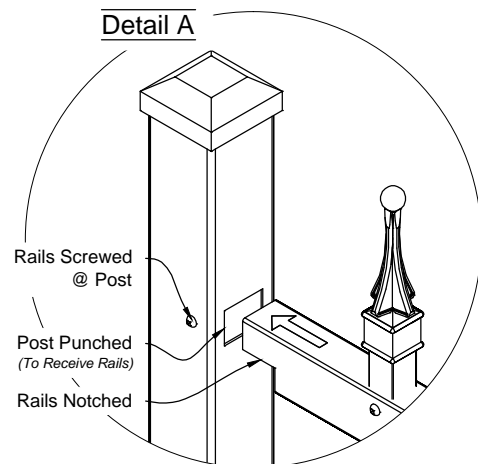
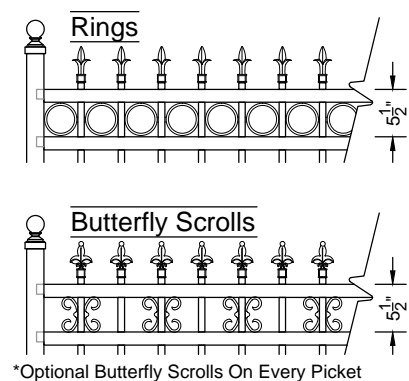
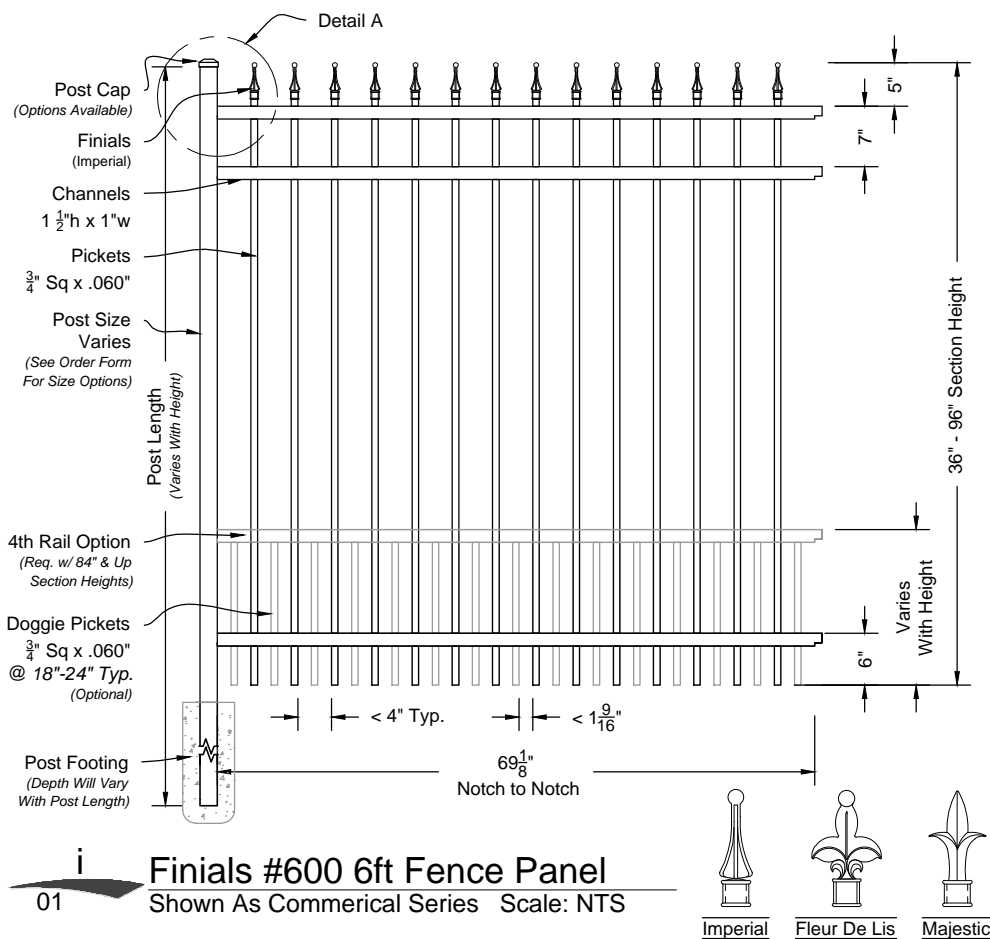
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 403 Series  
Fence Section  
Details

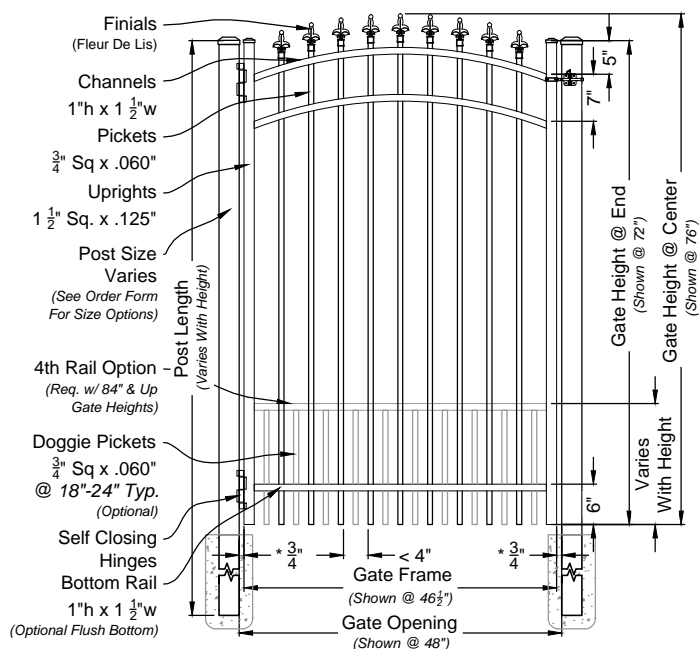
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 10-Mar-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

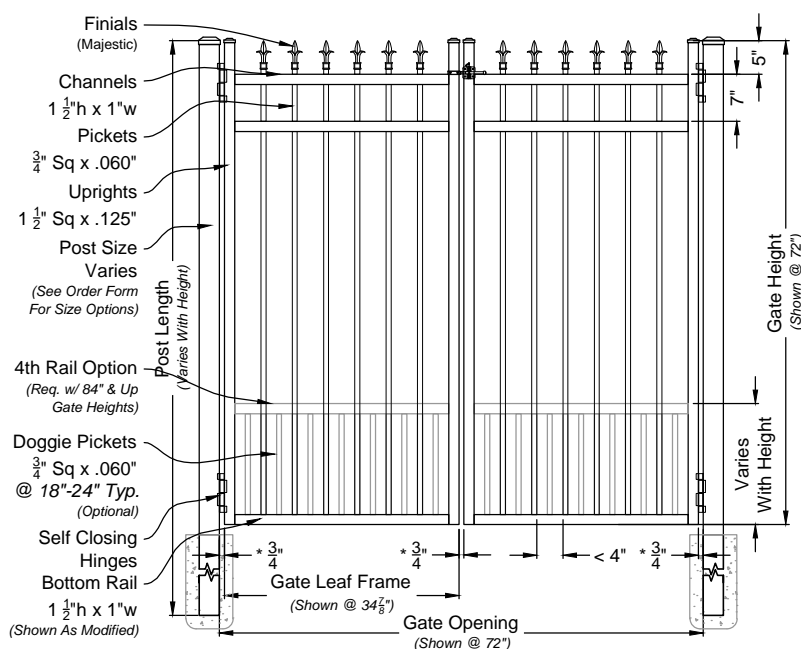


## Matching Gate Options



### Finials Single Walk Gate

#6003 Arched Rail Option Scale: NTS



### Finials Double Walk Gate

#6600M Straight Rail Option Scale: NTS

**Finials Fence & Gate**  
Commercial Series #600

**iDeal**  
aluminum  
fence gates railing

#### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

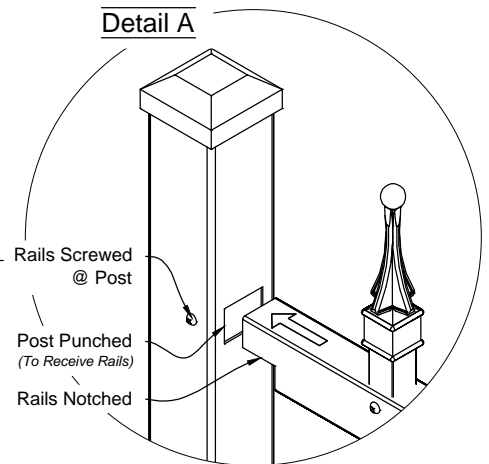
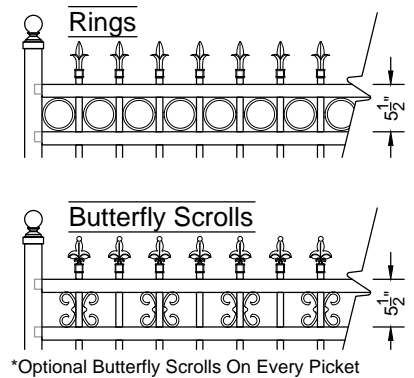
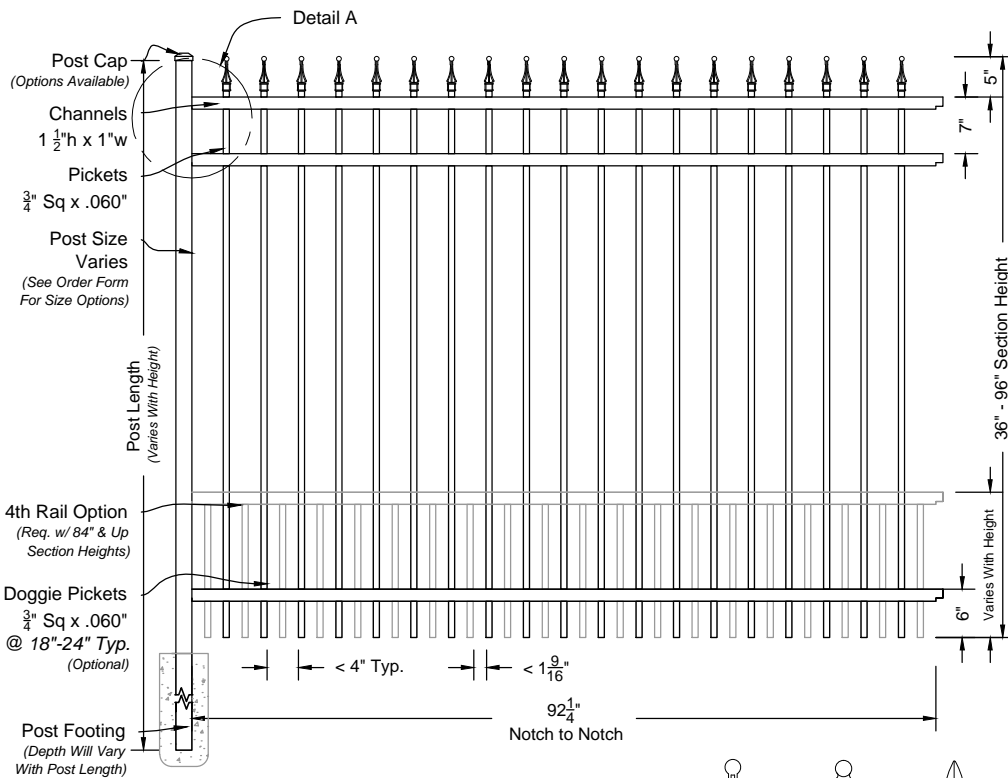
\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

Com 600 Series  
Fence & Gate  
Details

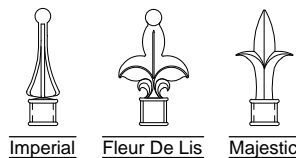
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

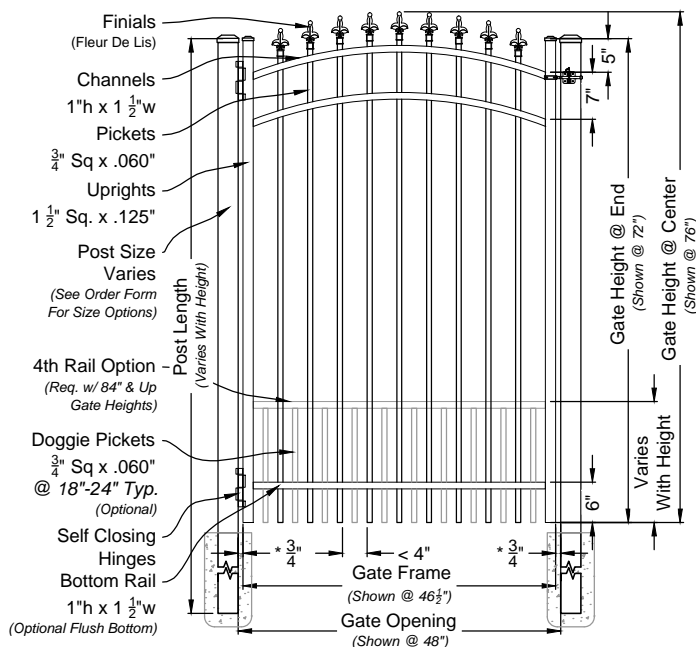
1 OF 1



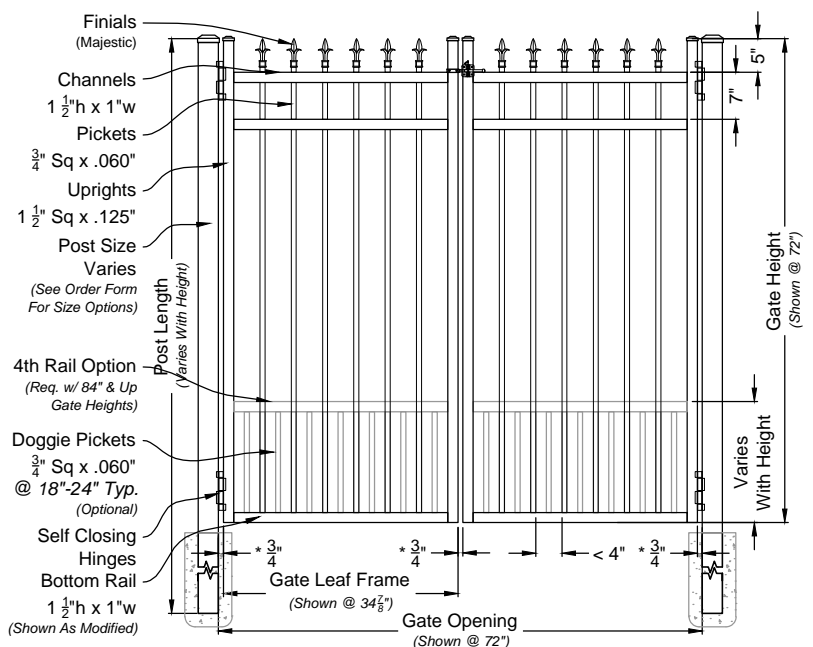
**i**  
01 **Finials #600 8ft Fence Panel**  
Shown As Commerical Series Scale: NTS



## Matching Gate Options



**i**  
02 **Finials Single Walk Gate**  
#6003 Arched Rail Option Scale: NTS



**i**  
03 **Finials Double Walk Gate**  
#6600M Straight Rail Option Scale: NTS

**Finials Fence & Gate**  
Commercial Series #600

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

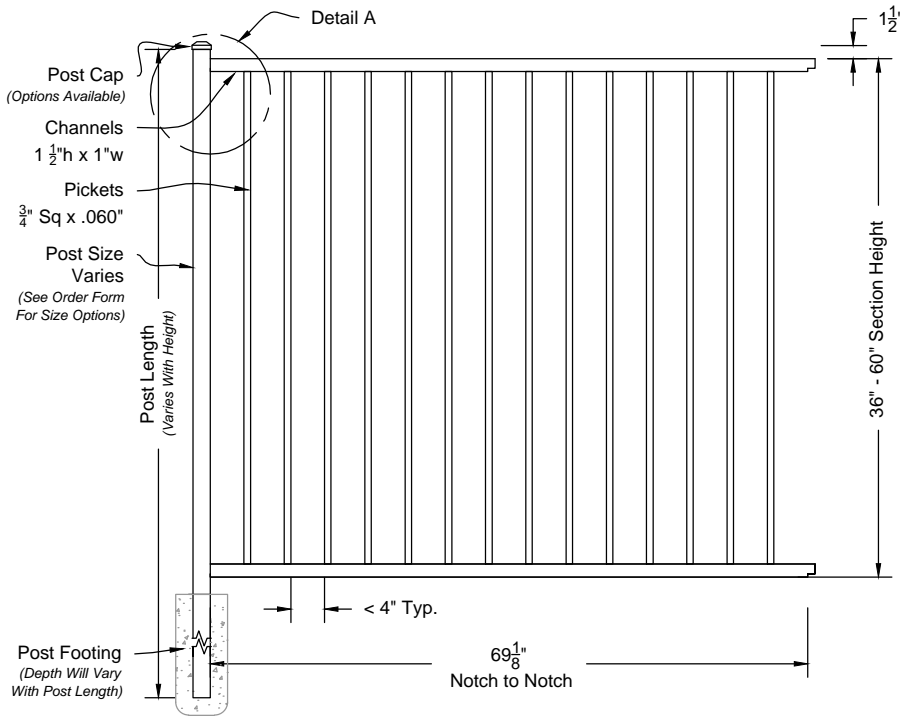
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 600 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

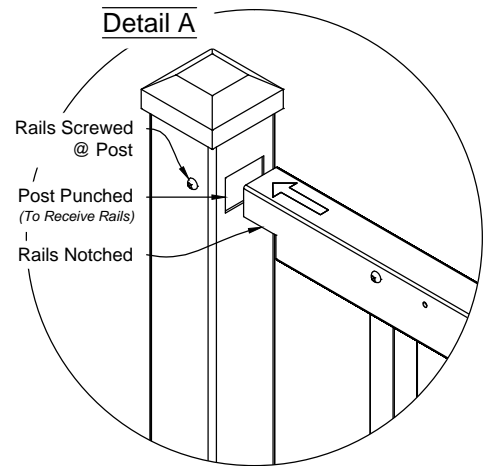
1 OF 1



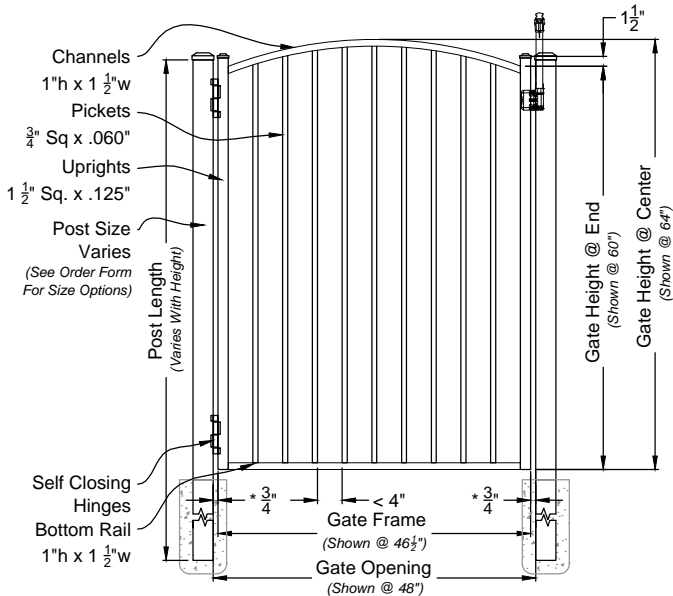
01 **Alamo #400 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

Rings  
**Not Available**

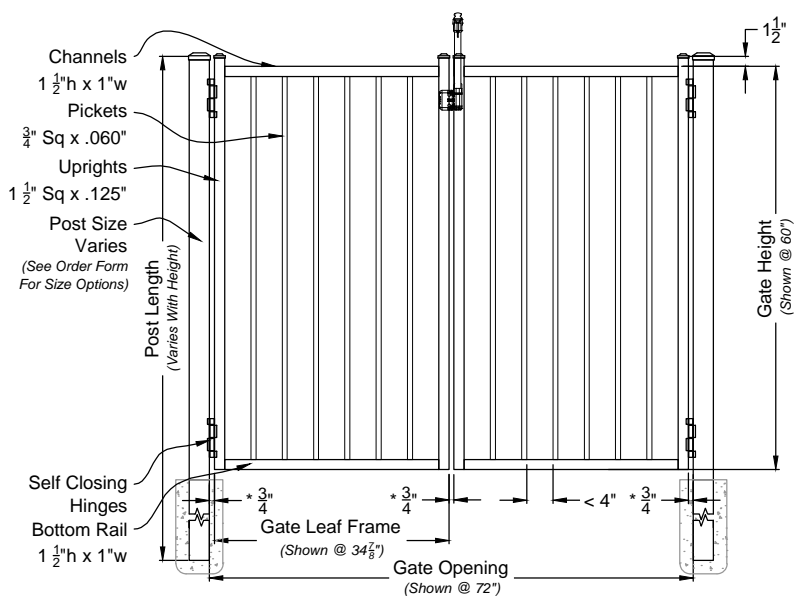
Butterfly Scrolls  
**Not Available**



## Matching Gate Options



02 **Alamo Single Walk Gate**  
#4004 Arched Rail Option Scale: NTS



03 **Alamo Double Walk Gate**  
#6400M Straight Rail Option Scale: NTS

**Alamo Fence & Gate**  
Commercial Series #400

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

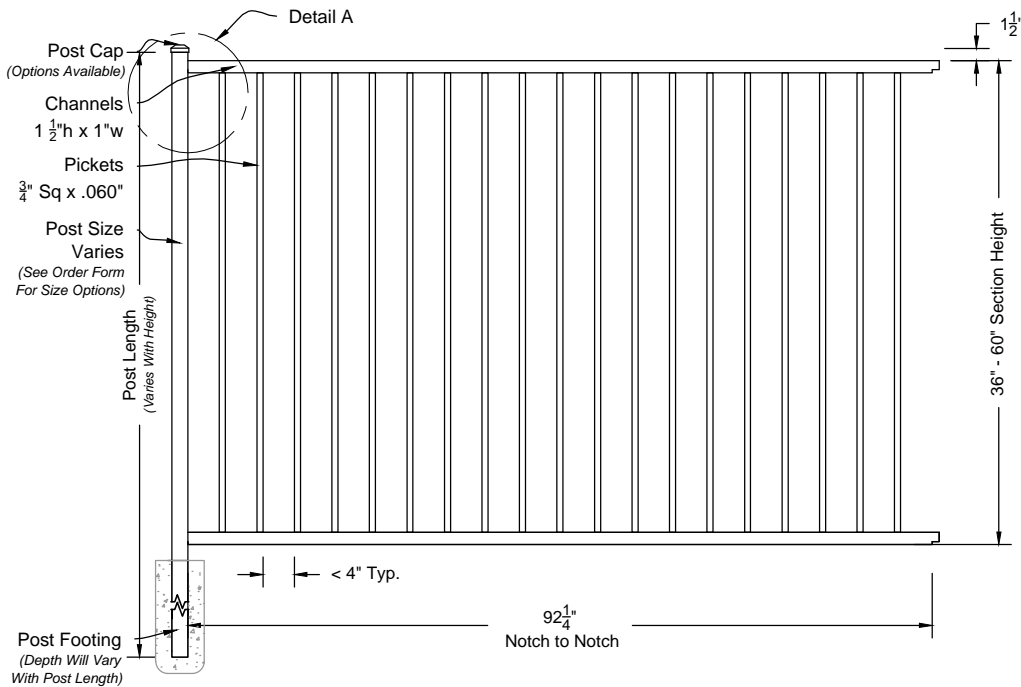
Com 400 Series  
Fence & Gate  
Details  
Pool Code

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



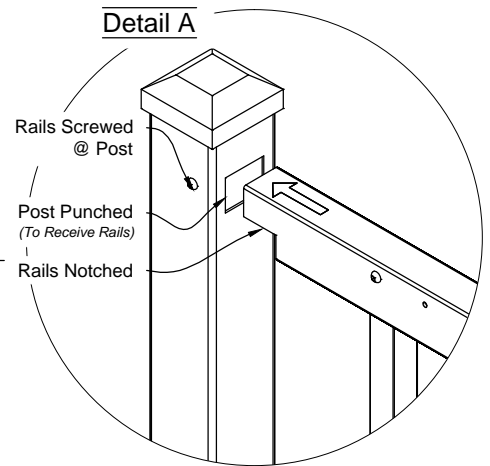


Rings

Not Available

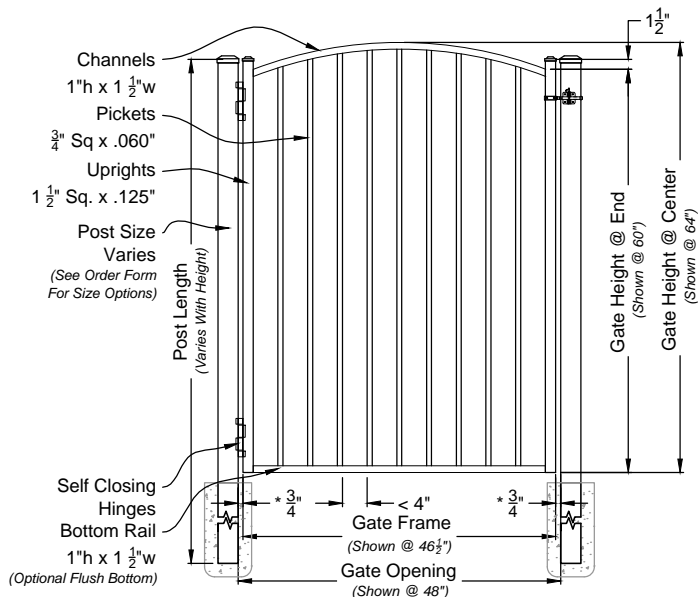
Butterfly Scrolls

Not Available

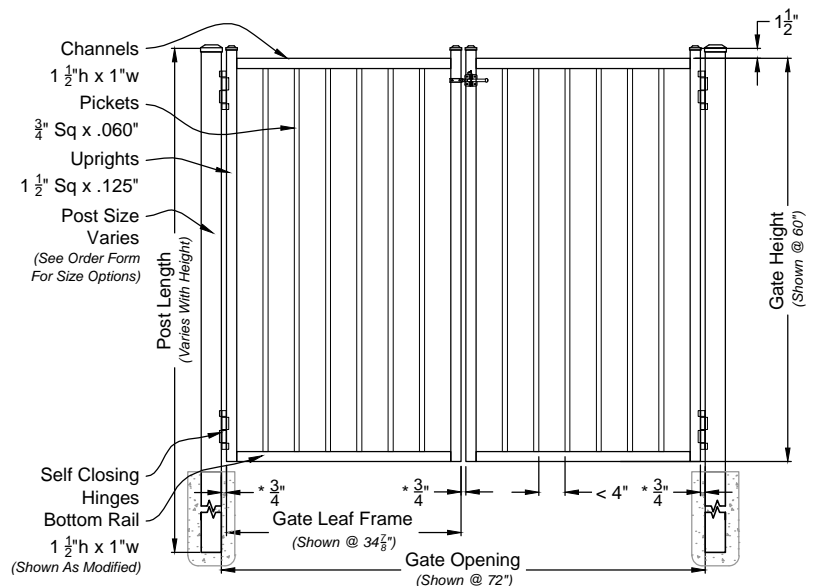


01 **Alamo #400 8ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **Alamo Single Walk Gate**  
#4004 Arched Rail Option Scale: NTS



03 **Alamo Double Walk Gate**  
#6400M Straight Rail Option Scale: NTS

**Alamo Fence Section**  
Commercial Series #400

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

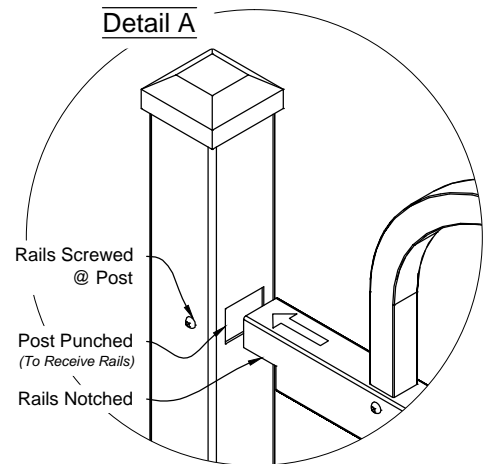
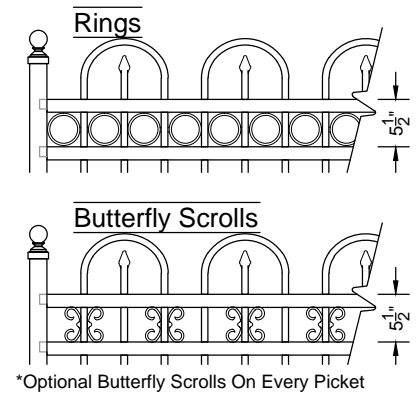
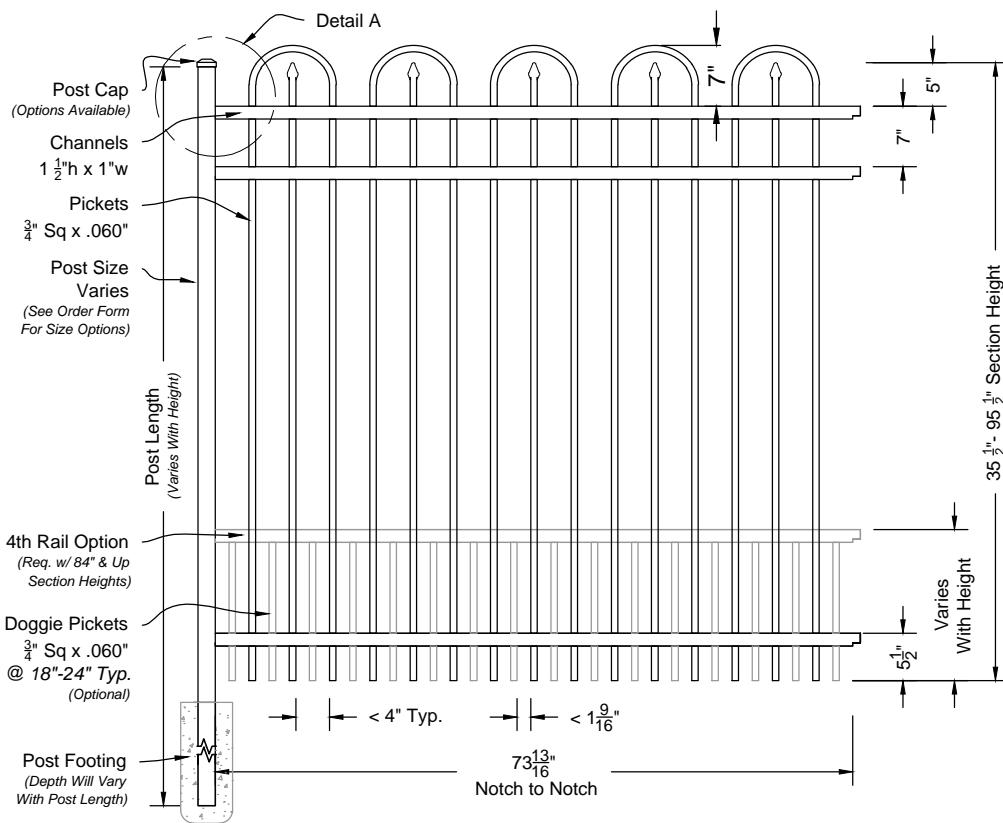
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 400 Series  
Fence Section  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Mar-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

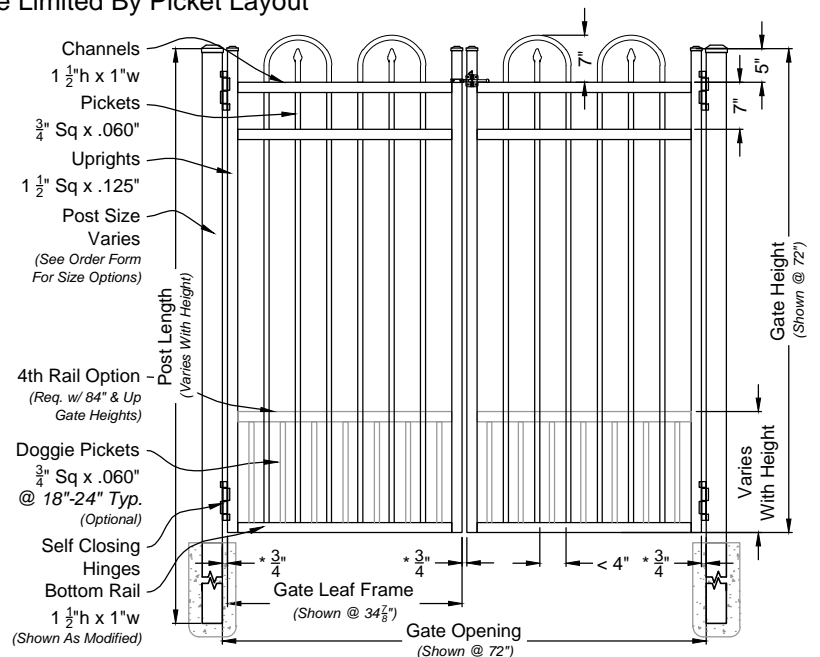
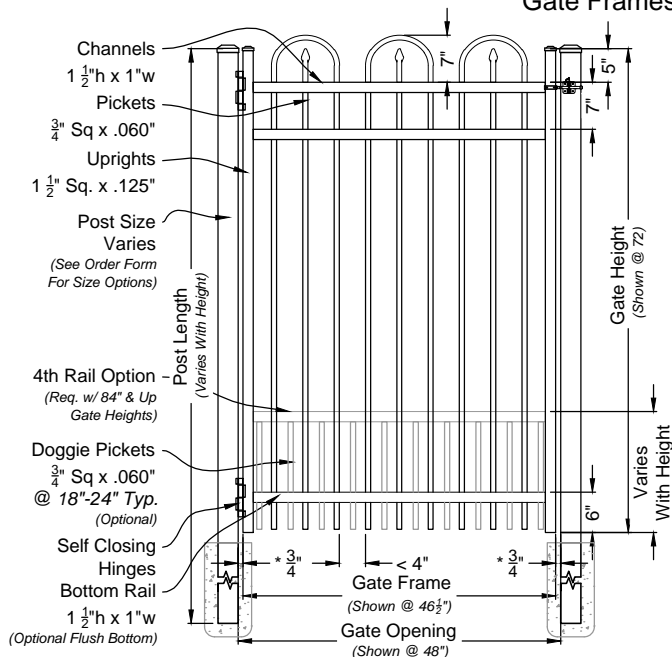
1 OF 1



01 **Astor #501 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options

Gate Frames Are Limited By Picket Layout



02 **Astor Single Walk Gate**  
#5010 Straight Rail Option Scale: NTS

03 **Astor Double Walk Gate**  
#6501M Straight Rail Option Scale: NTS

**Astor Fence & Gate**  
Commercial Series #501

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

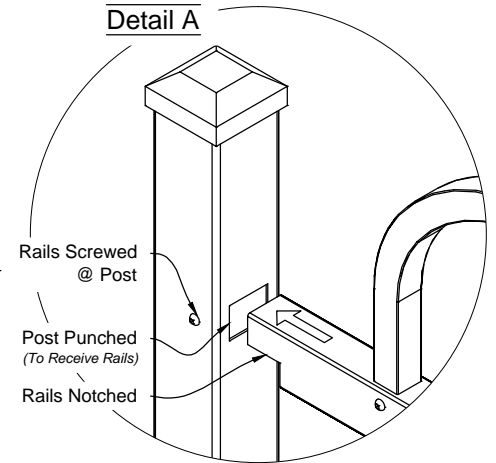
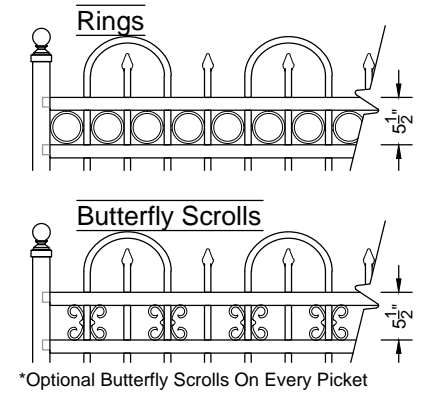
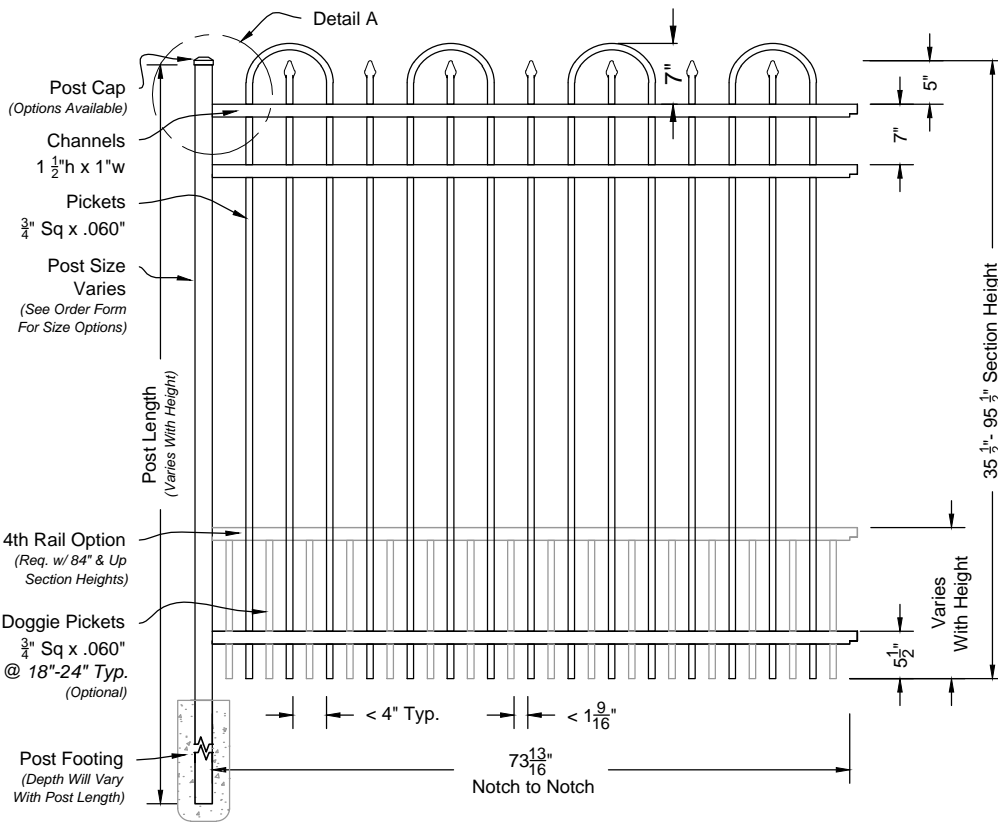
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 501 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

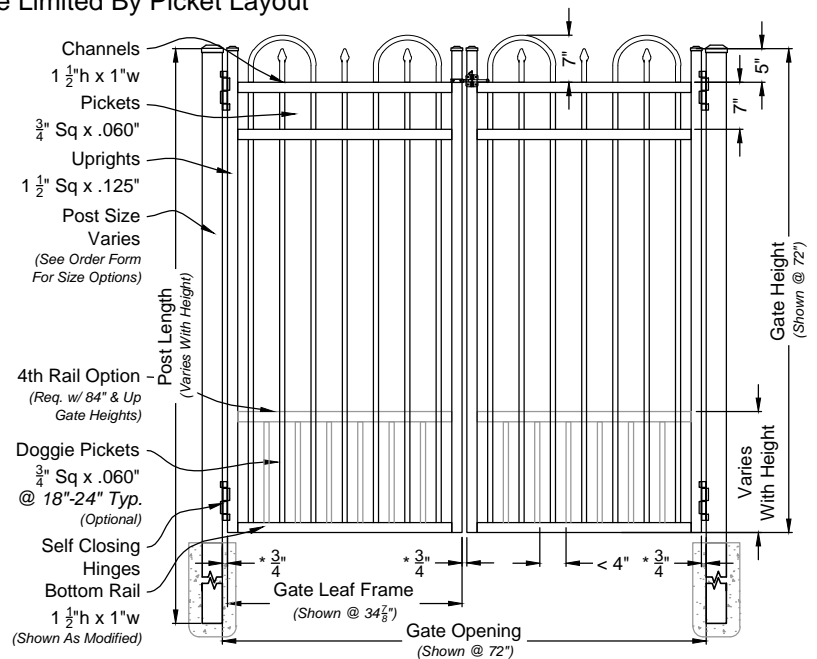
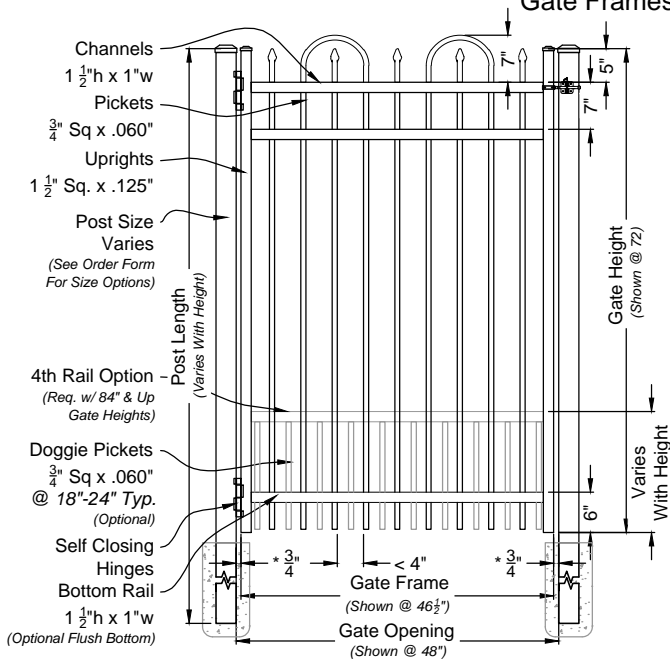
1 OF 1



**i**  
01 **Vanderbilt #502 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options

Gate Frames Are Limited By Picket Layout



**i**  
02 **Vanderbilt Single Walk Gate**  
#5020 Straight Rail Option Scale: NTS

**i**  
03 **Vanderbilt Double Walk Gate**  
#6502M Straight Rail Option Scale: NTS

**Vanderbilt Fence & Gate**  
Commercial Series #502

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

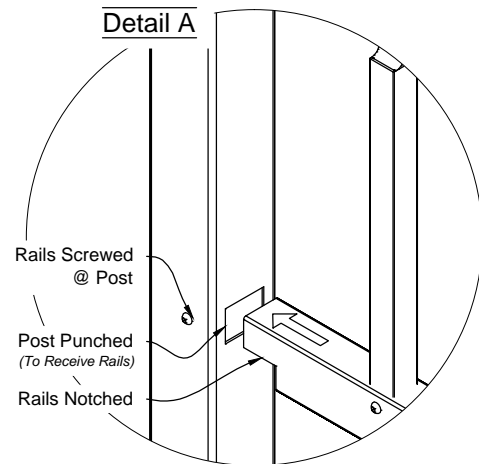
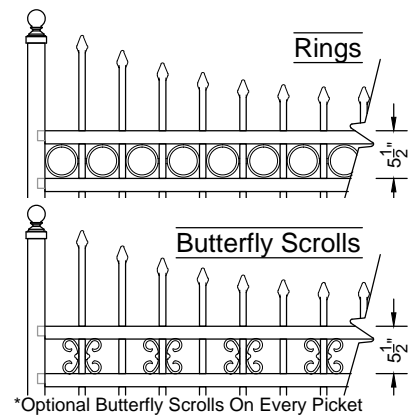
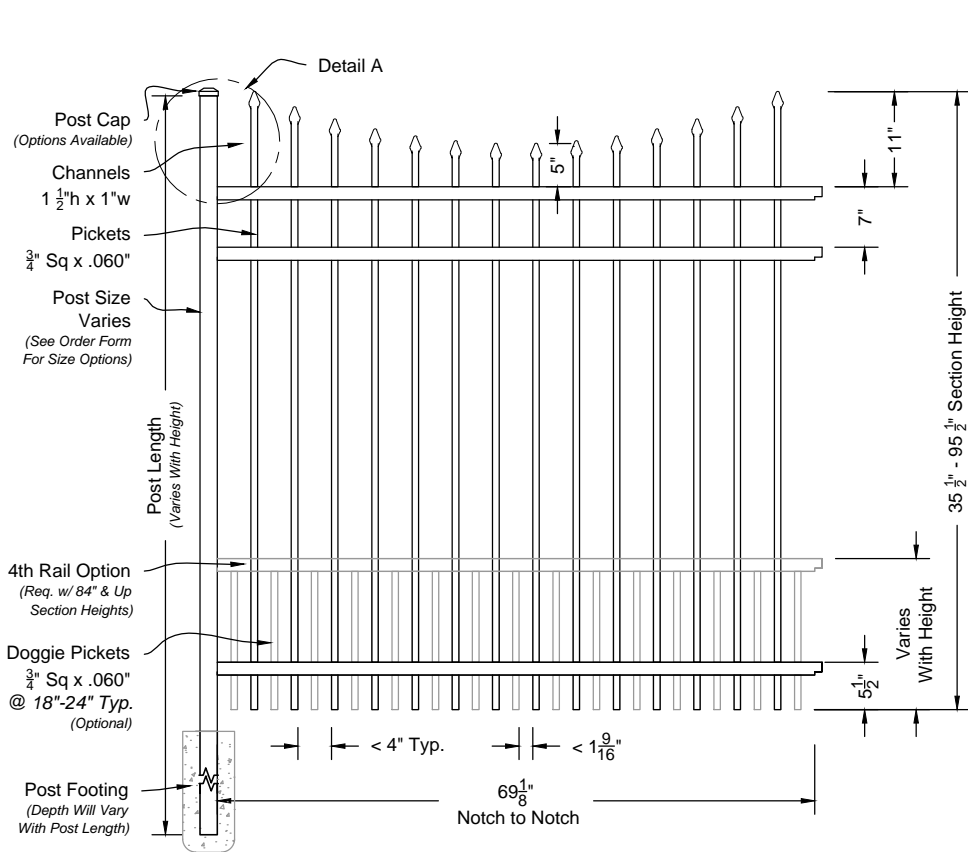
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 502 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

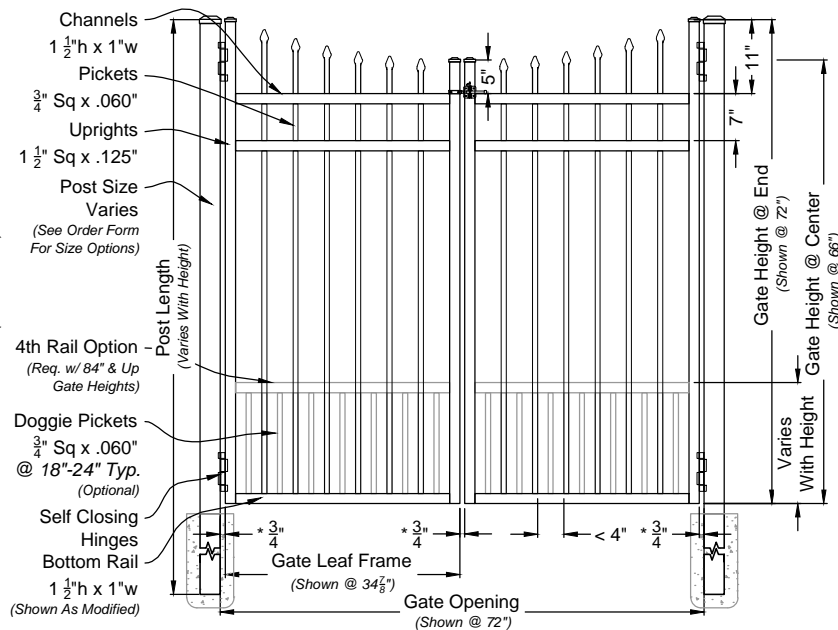
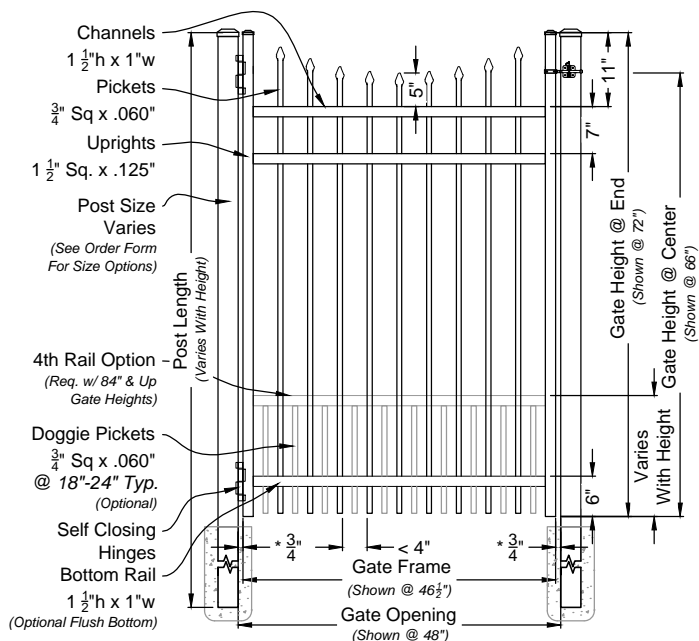
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **New Englander #800 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



02 **New Englander Single Walk Gate**  
#8000 Straight Rail Option Scale: NTS

03 **New Englander Double Walk Gate**  
#6800M Straight Rail Option Scale: NTS

**New Englander Fence & Gate**  
Commercial Series #800

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

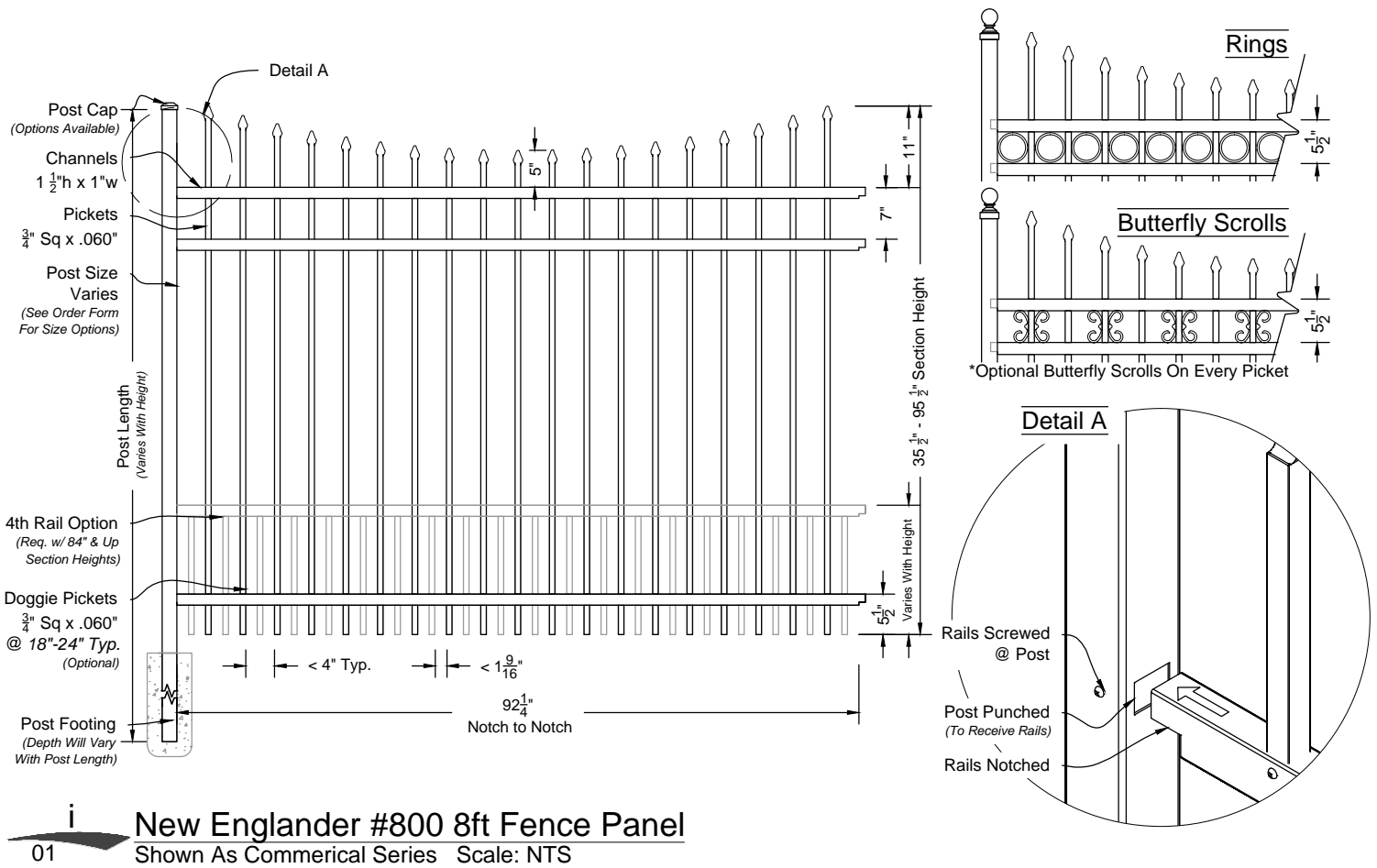
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 800 Series  
Fence & Gate  
Details

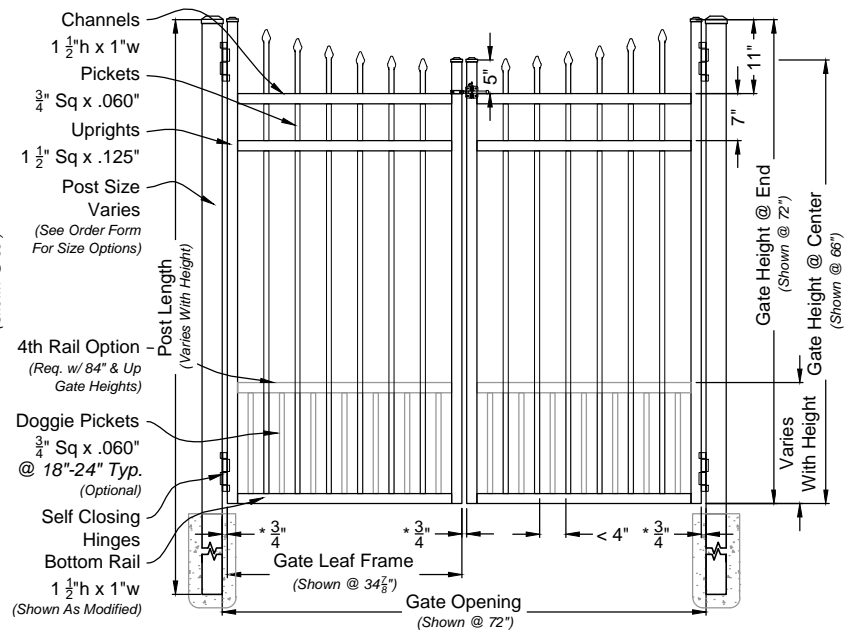
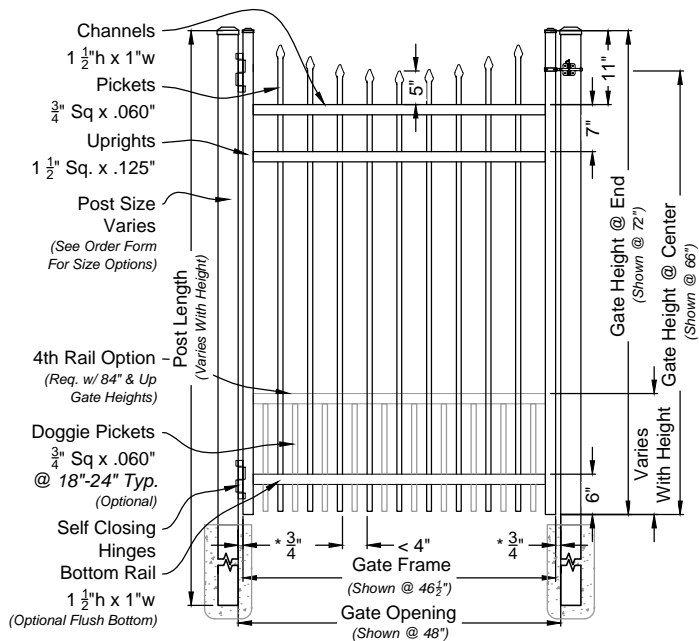
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Feb-17

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St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



## Matching Gate Options



**New Englander Fence & Gate**  
Commercial Series #800

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

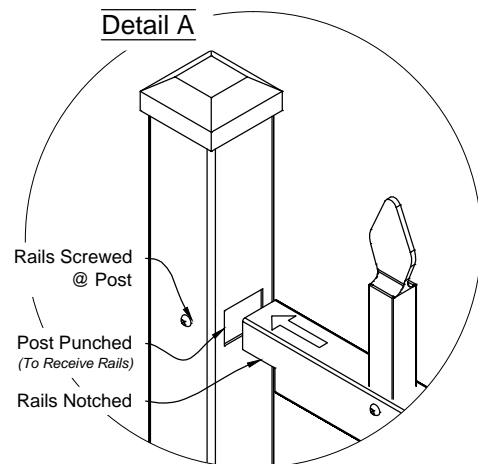
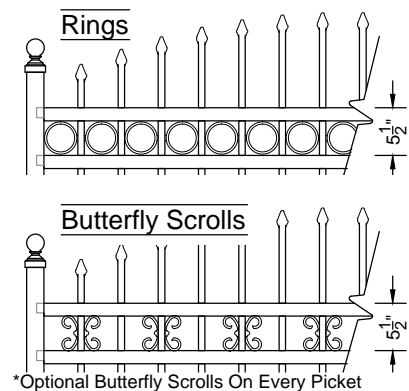
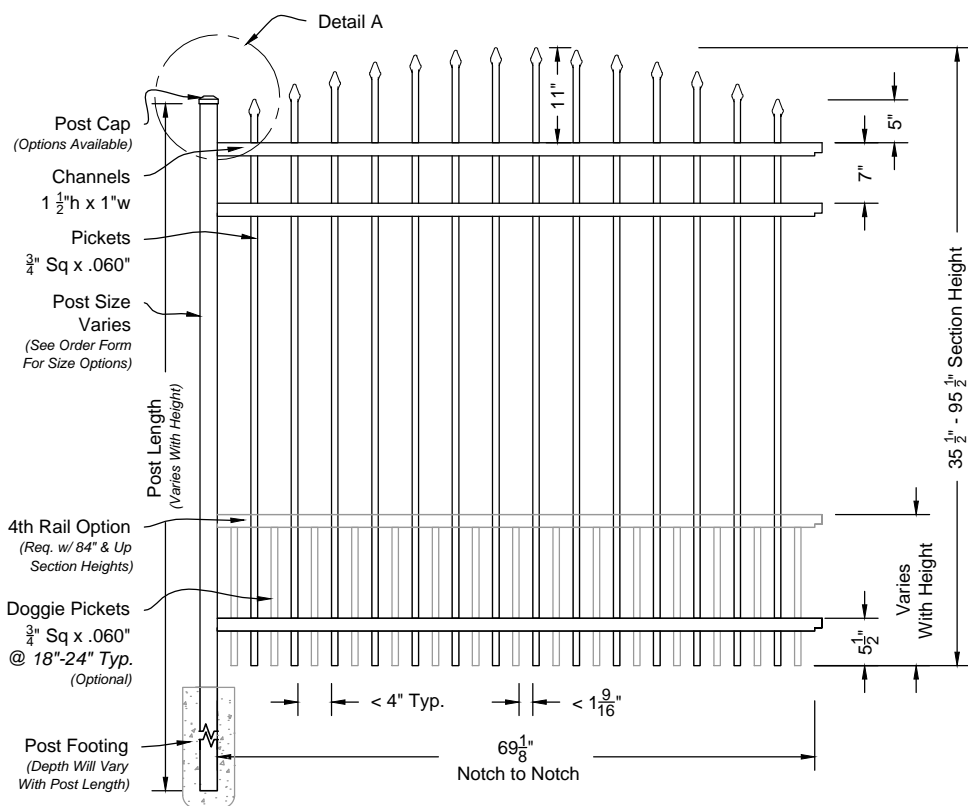
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 800 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Feb-17

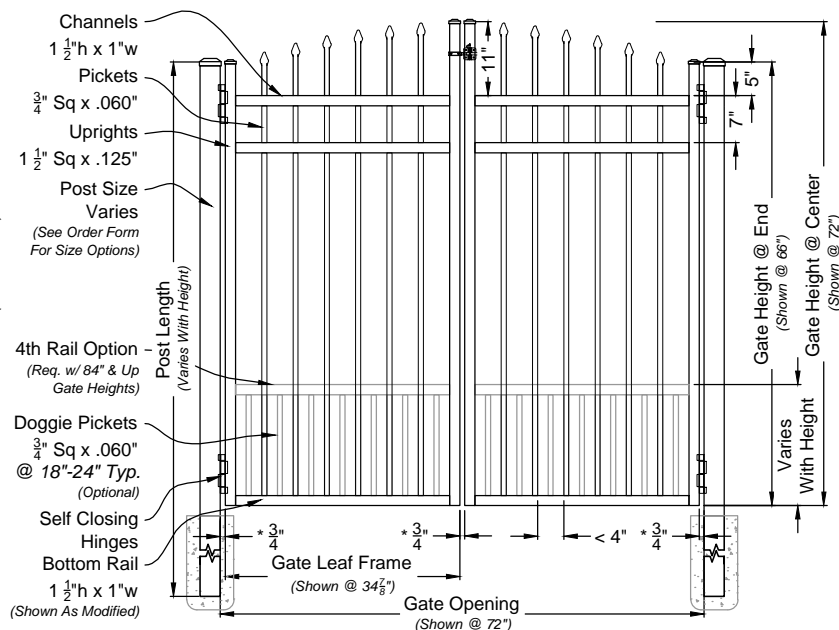
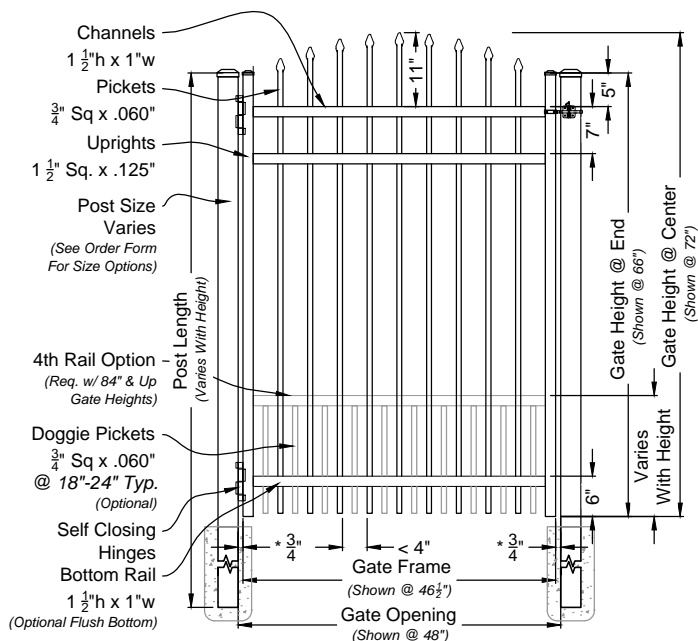
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



**i**  
01 **New Yorker #900 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**i**  
02 **New Yorker Single Walk Gate**  
#9000 Arched Rail Option Scale: NTS

**i**  
03 **New Yorker Double Walk Gate**  
#6900M Straight Rail Option Scale: NTS

**New Yorker Fence & Gate**  
Commercial Series #900

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

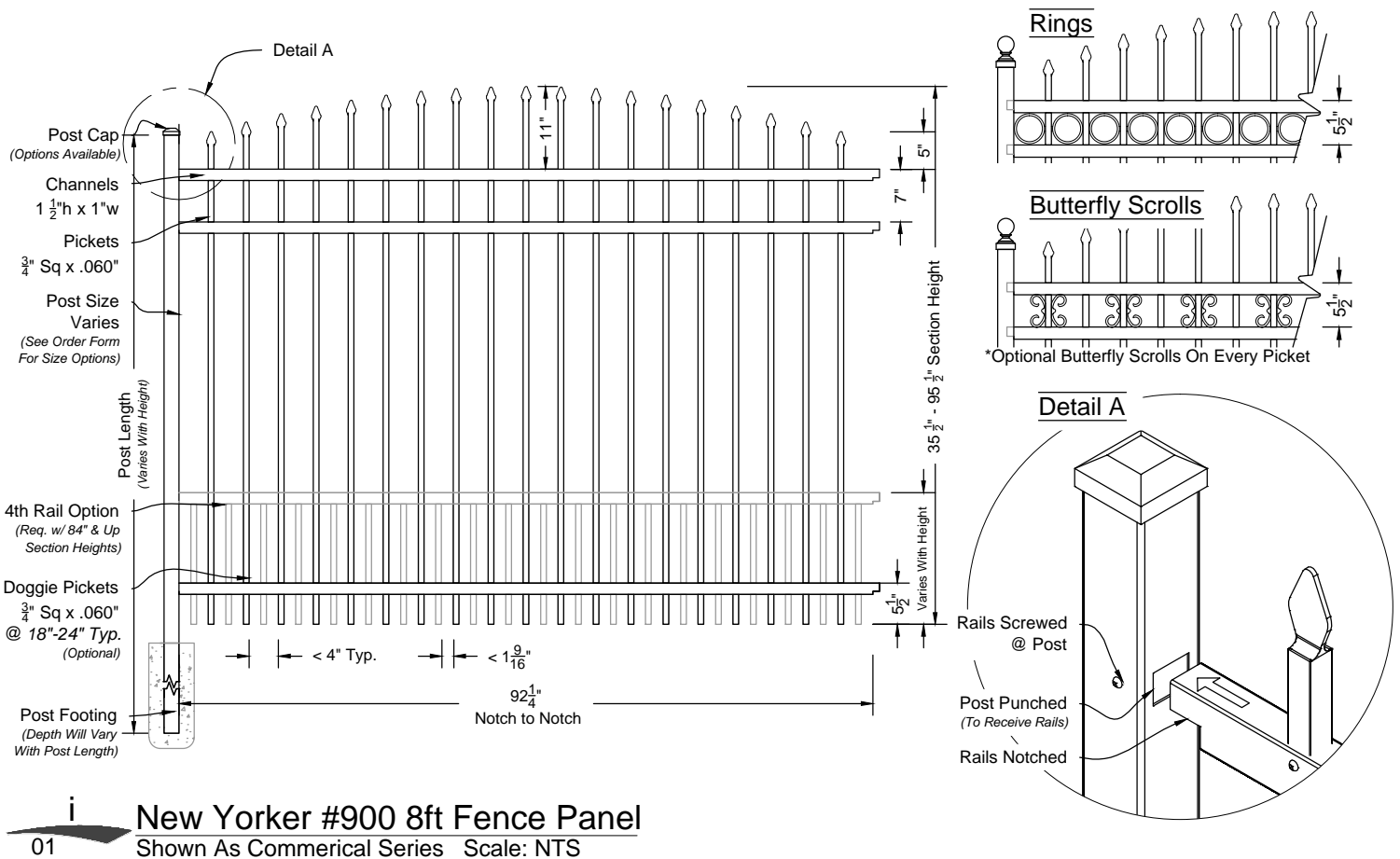
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 900 Series  
Fence & Gate  
Details

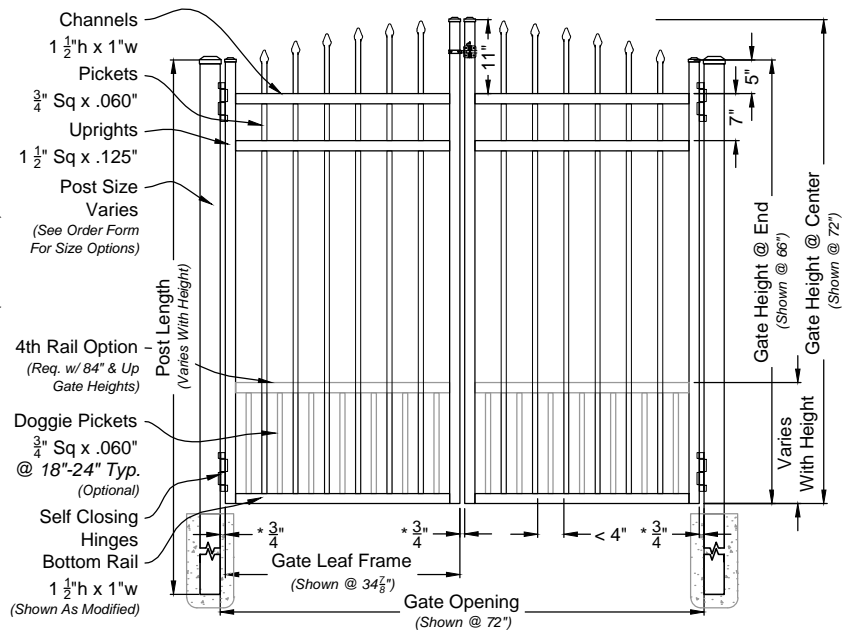
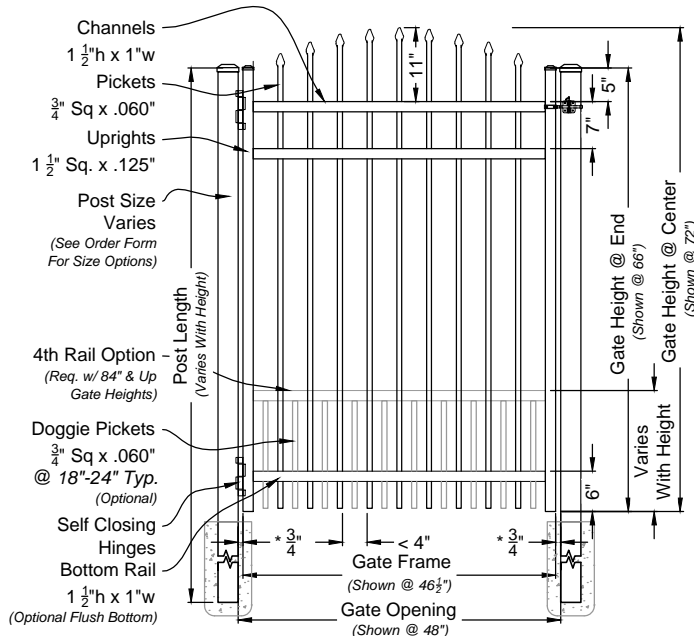
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Feb-17

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St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



## Matching Gate Options



## New Yorker Fence & Gate Commercial Series #900

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

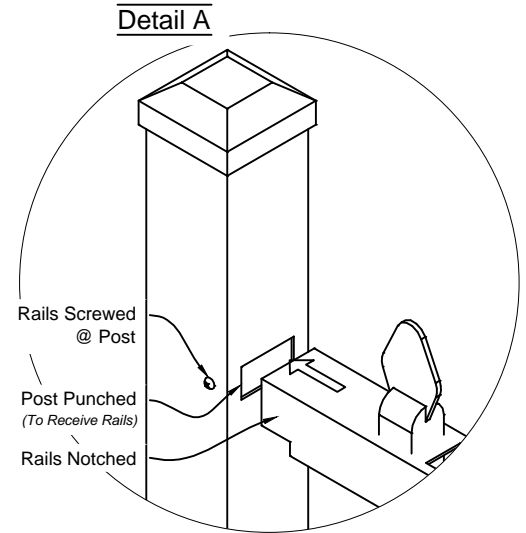
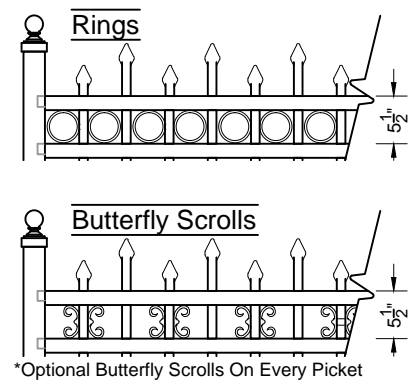
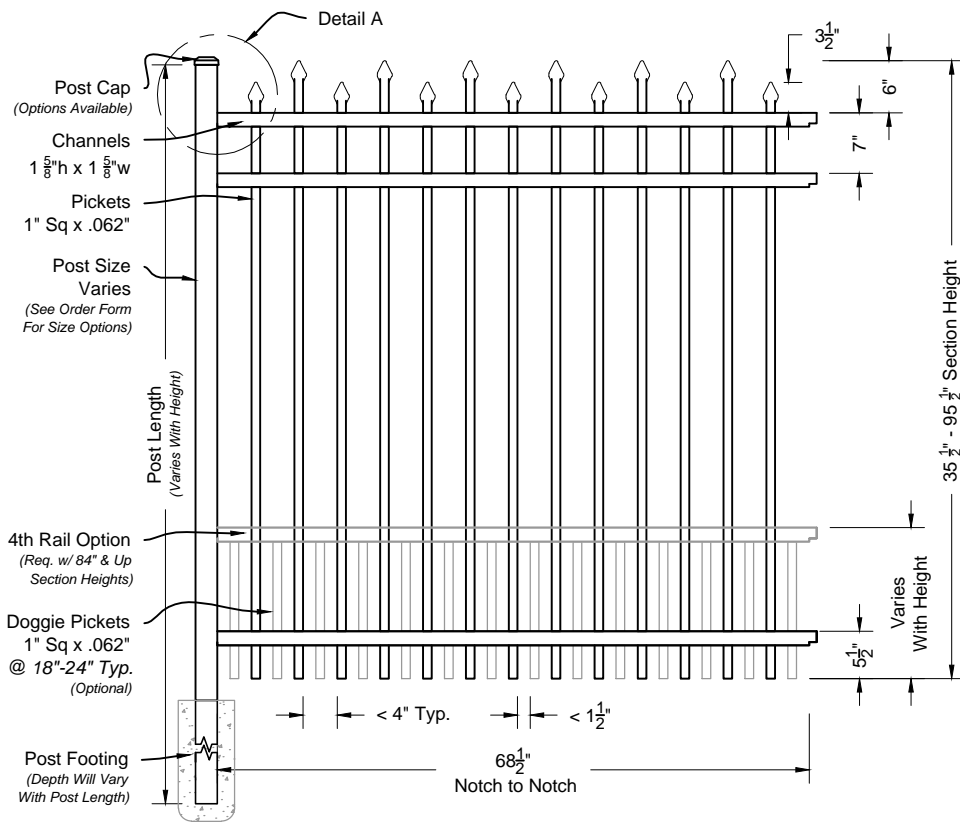
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Com 900 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 22-Feb-17

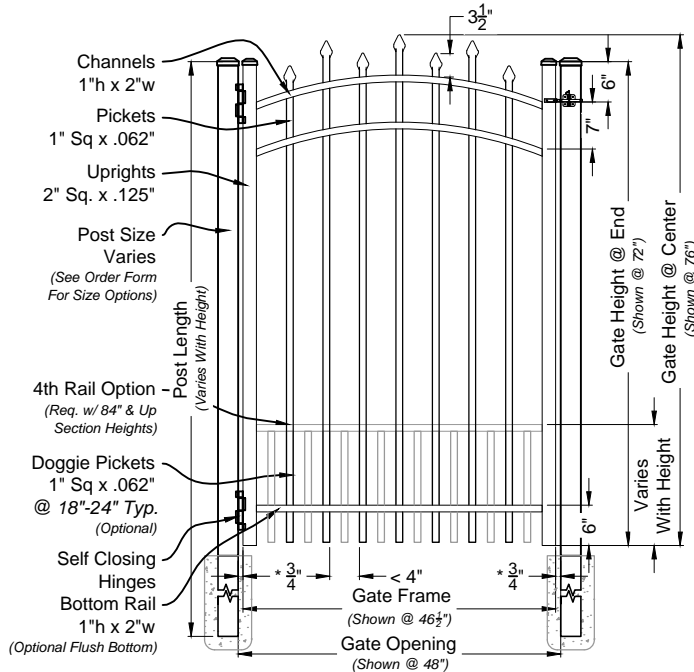
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

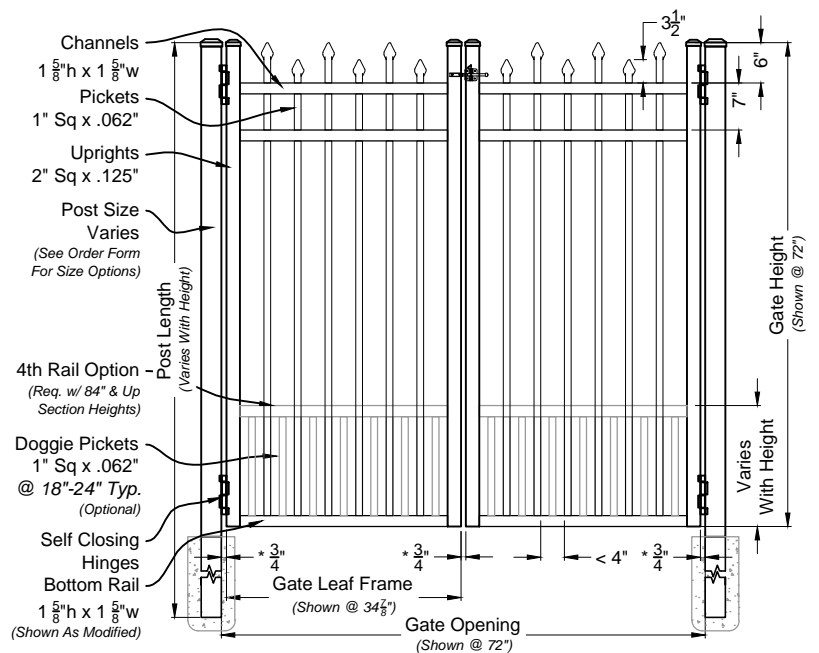


**Californian #200 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



**Californian Single Walk Gate**  
#2003 Arched Rail Option Scale: NTS



**Californian Double Walk Gate**  
#6200M Straight Rail Option Scale: NTS

**Californian Fence & Gate**  
Industrial Series #200

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

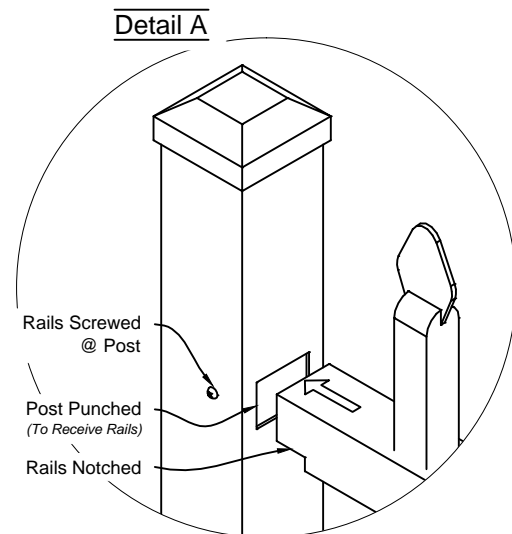
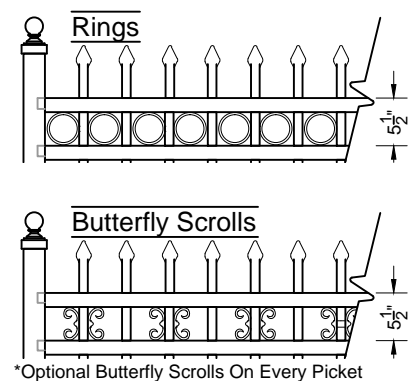
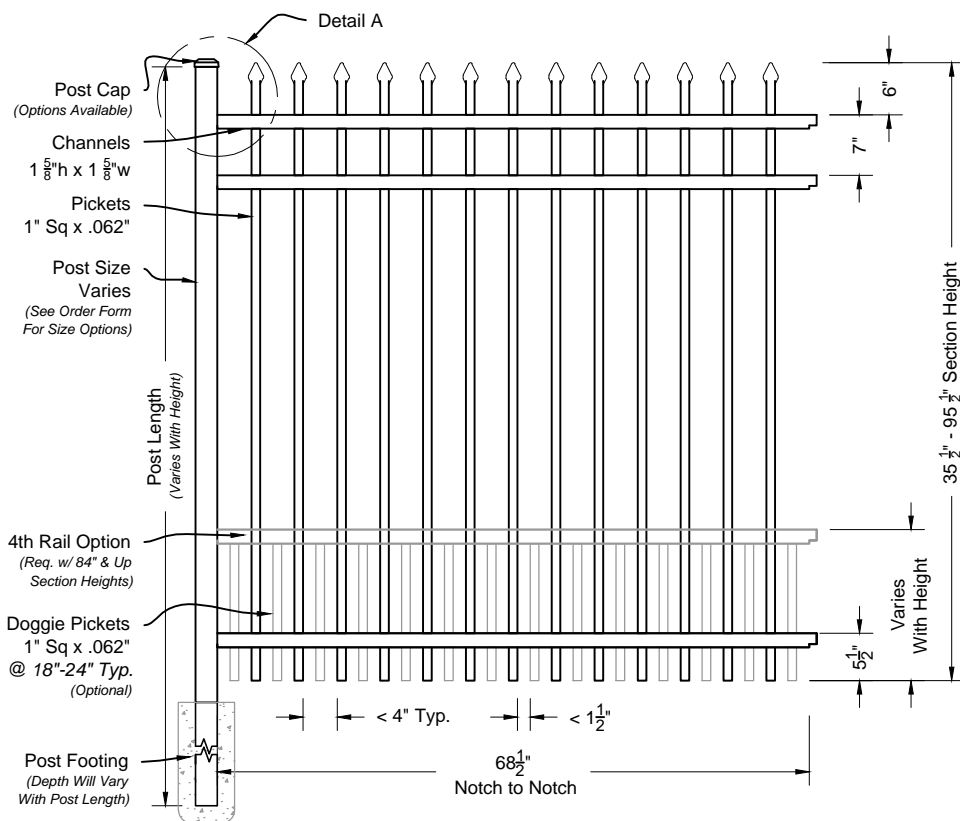
Ind 200 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 21-Nov-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

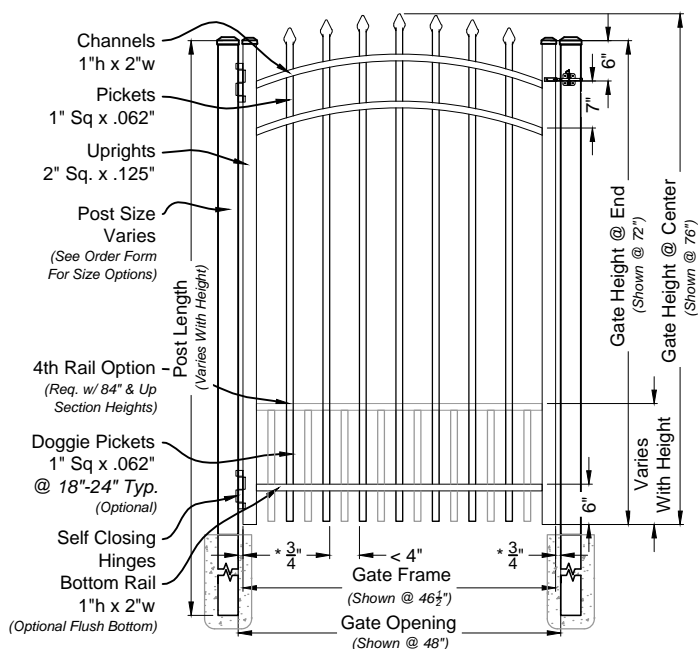
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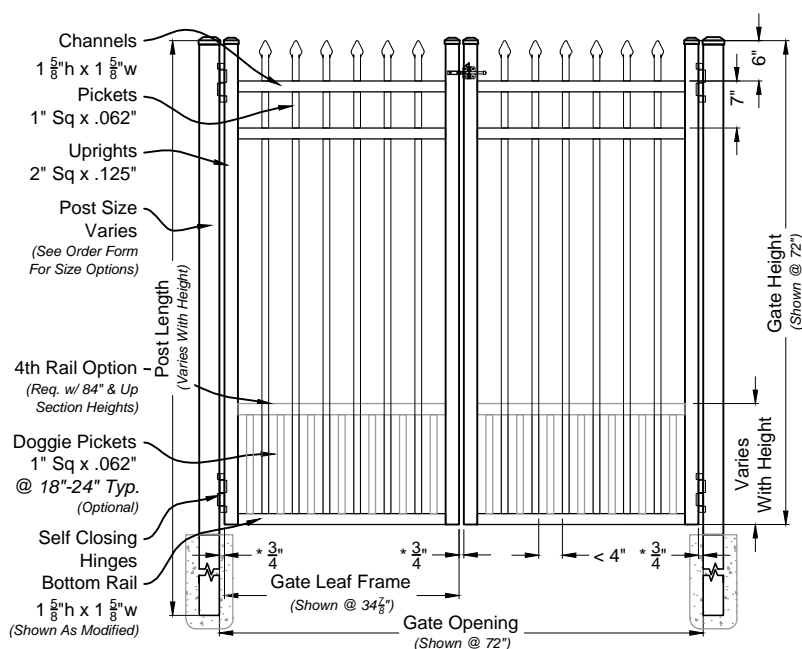
**Maine #203 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



**Maine Single Walk Gate**

#2033 Arched Rail Option Scale: NTS



**Maine Double Walk Gate**

#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Industrial Series #203

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

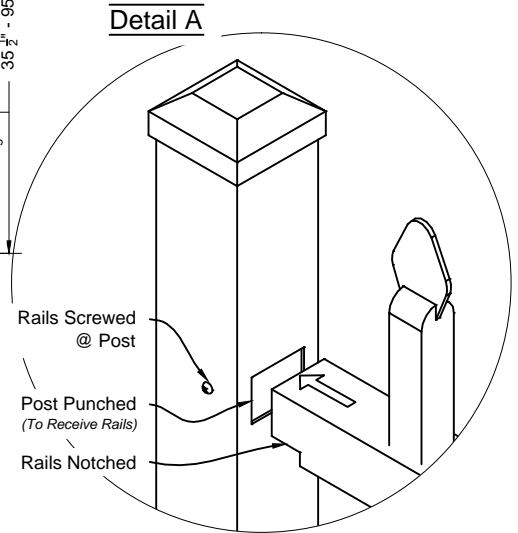
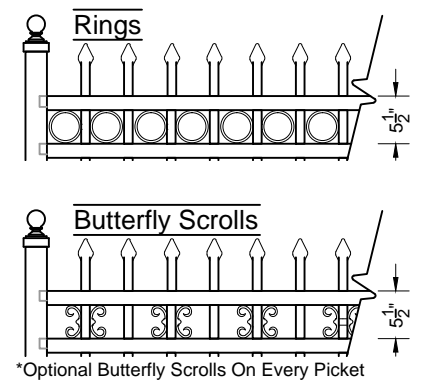
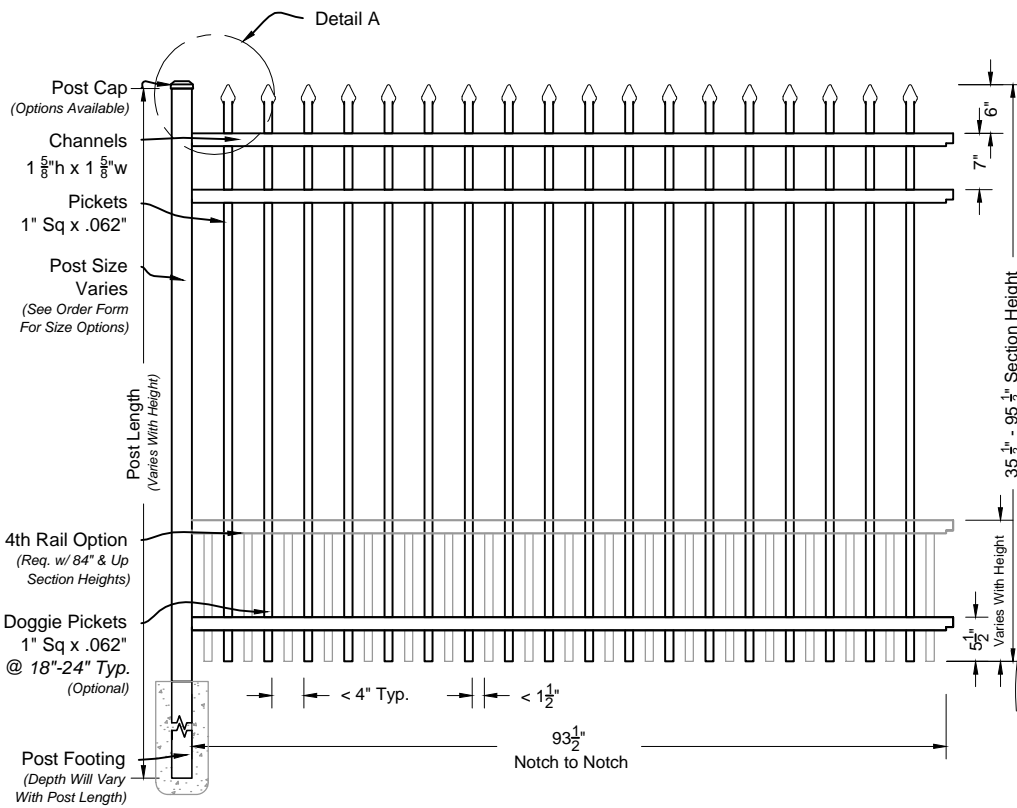
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 24-Jan-17

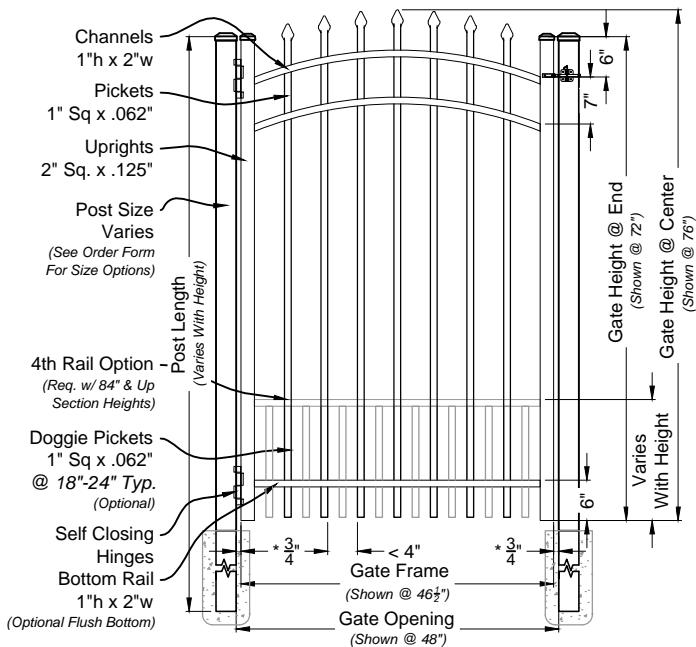
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

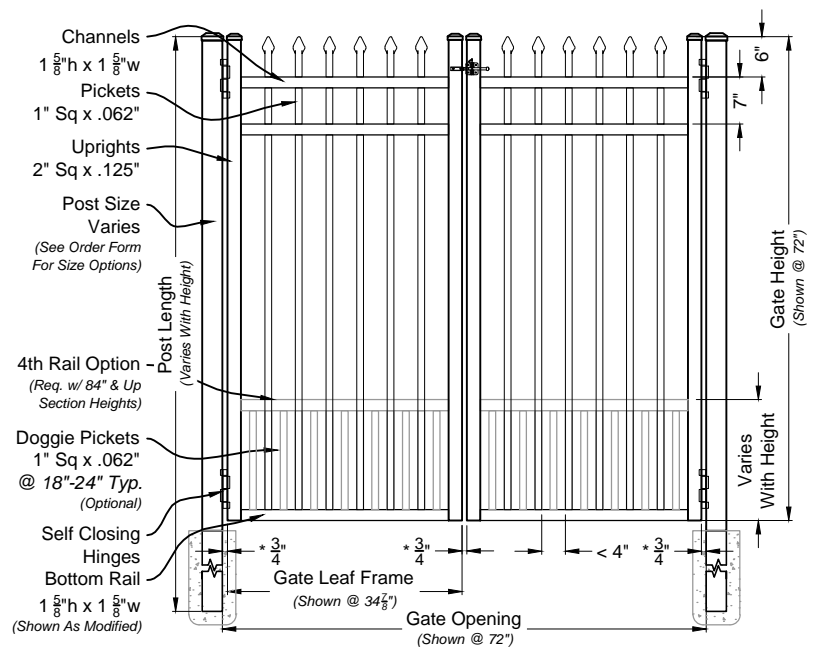


01 **Maine #203 8ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



02 **Maine Single Walk Gate**  
#2033 Arched Rail Option Scale: NTS



03 **Maine Double Walk Gate**  
#6203M Straight Rail Option Scale: NTS

**Maine Fence & Gate**  
Industrial Series #203

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

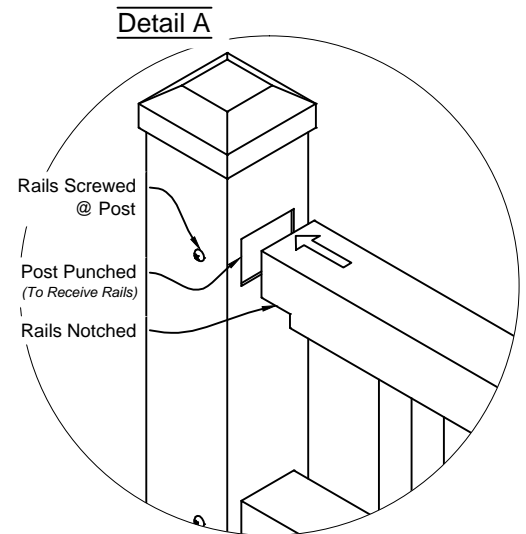
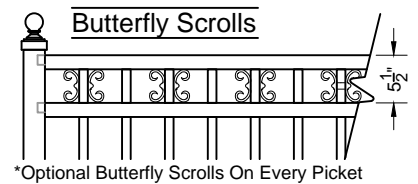
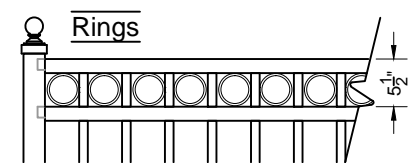
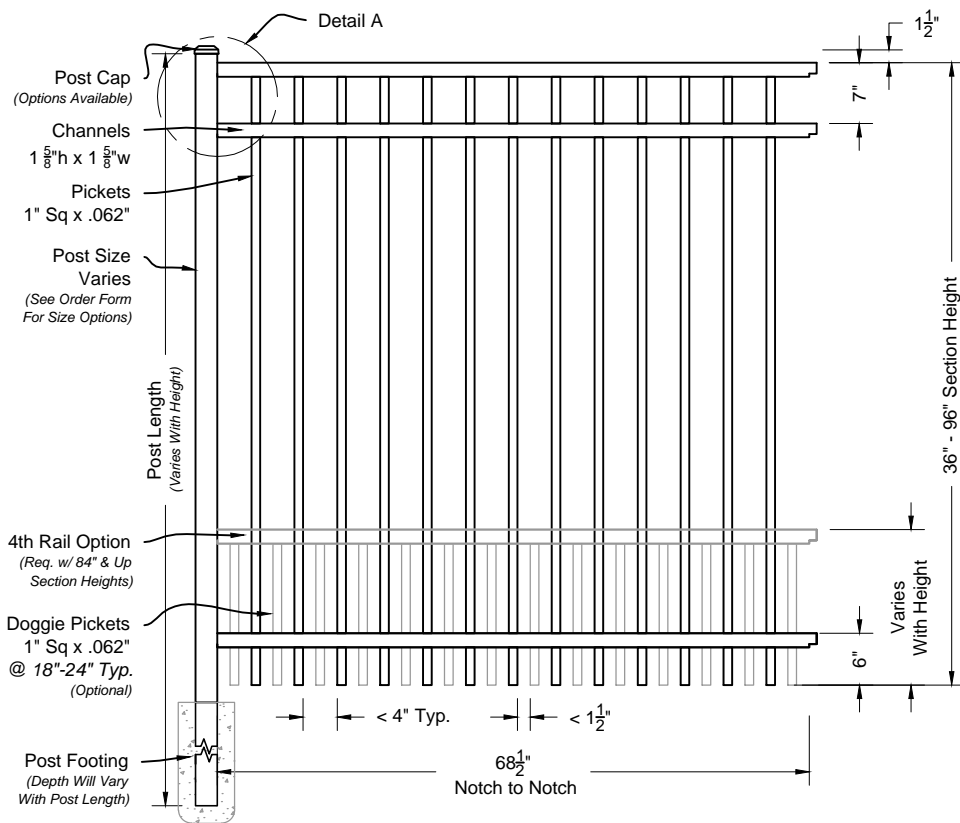
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 203 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 24-Jan-17

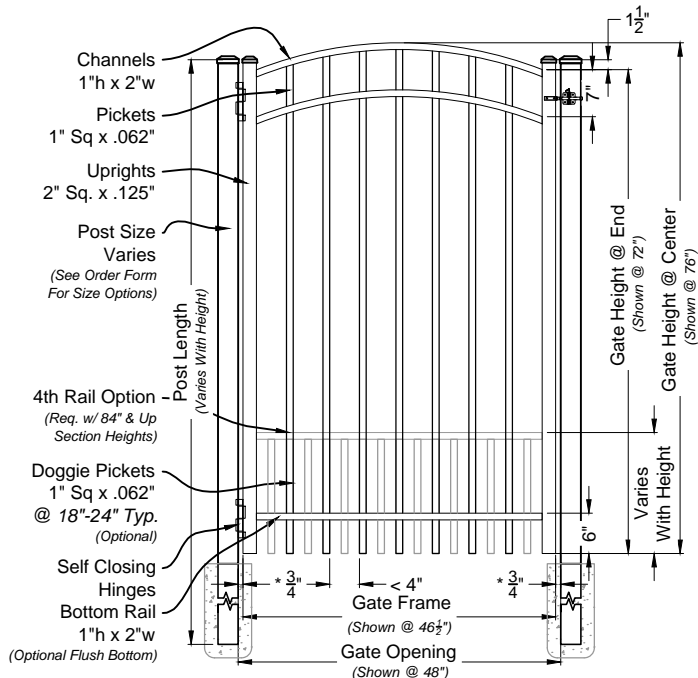
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

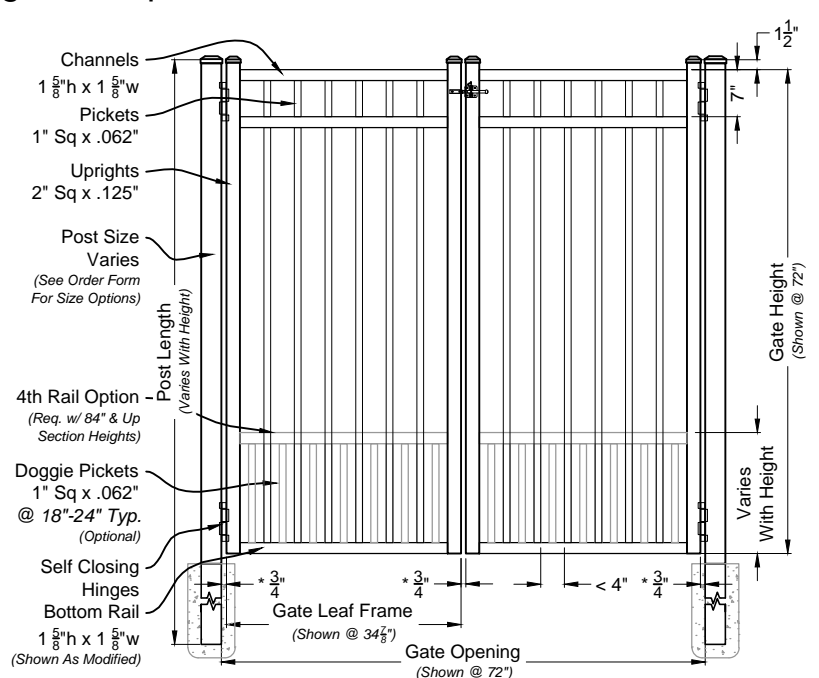


01 Long Islander #300 6ft Fence Panel  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



02 Long Islander Single Walk Gate  
#3003 Arched Rail Option Scale: NTS



03 Long Islander Double Walk Gate  
#6300M Straight Rail Option Scale: NTS

Long Islander Fence & Gate  
Industrial Series #300

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

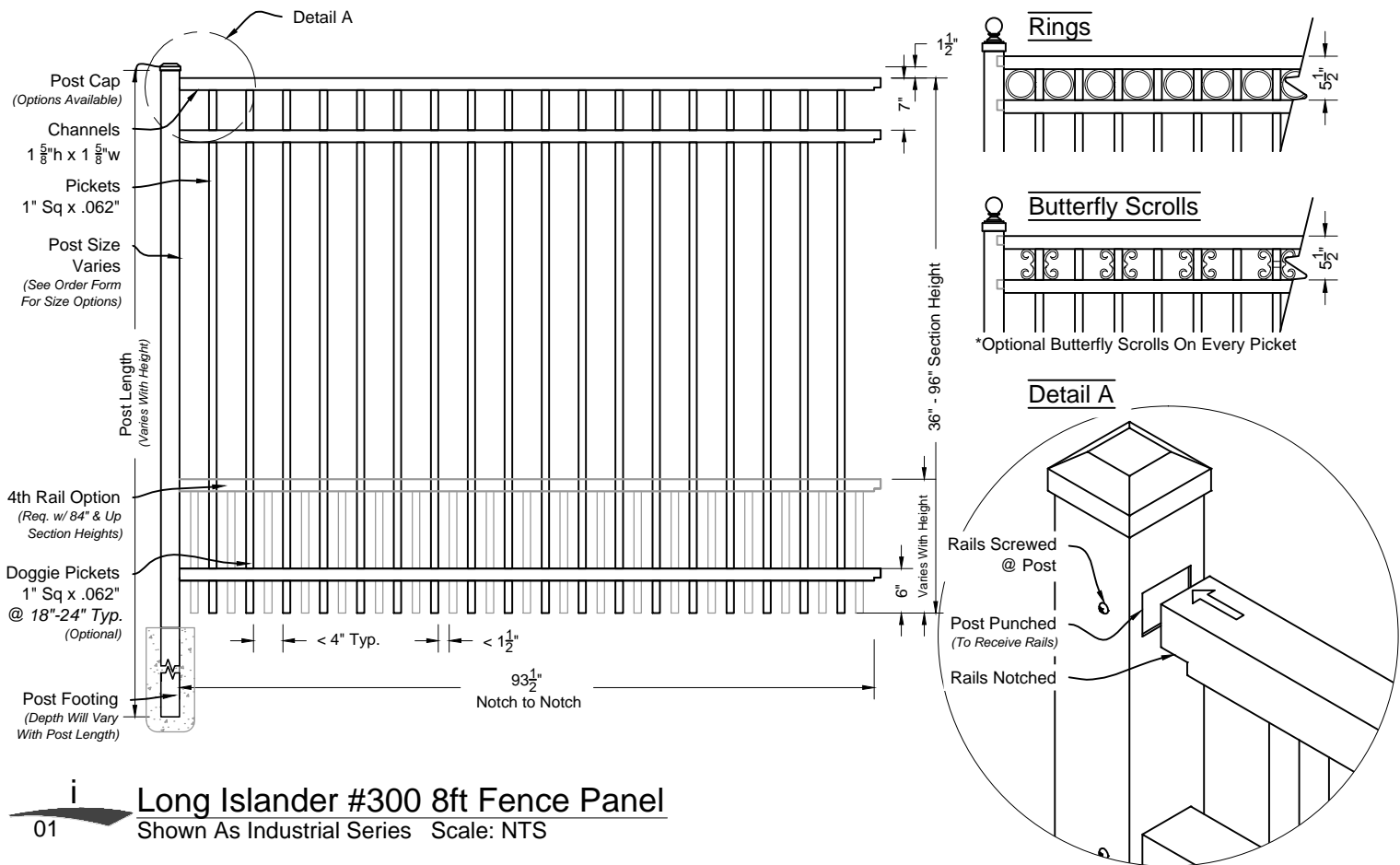
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 300 Series  
Fence & Gate  
Details

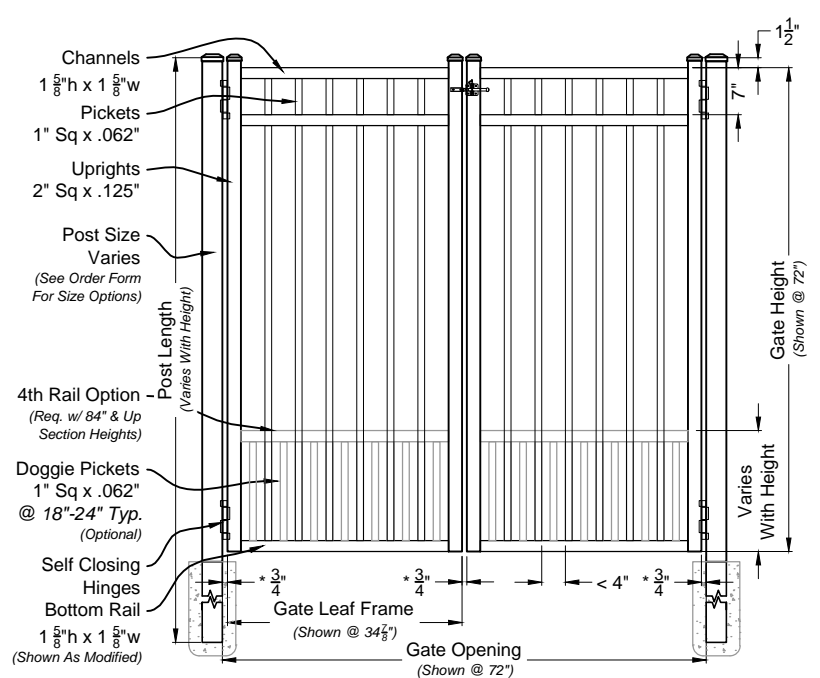
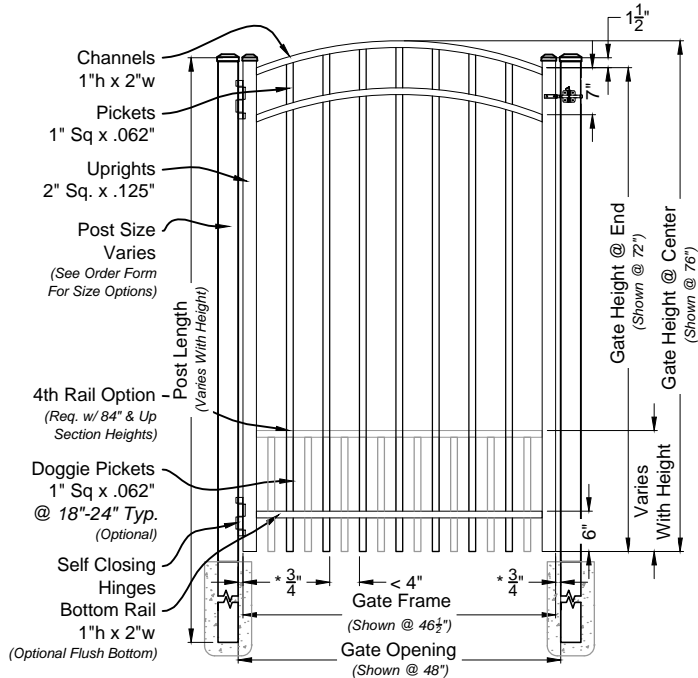
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 19-Dec-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



## Matching Gate Options



## Long Islander Fence & Gate

Industrial Series #300



### DRAWING NOTES:

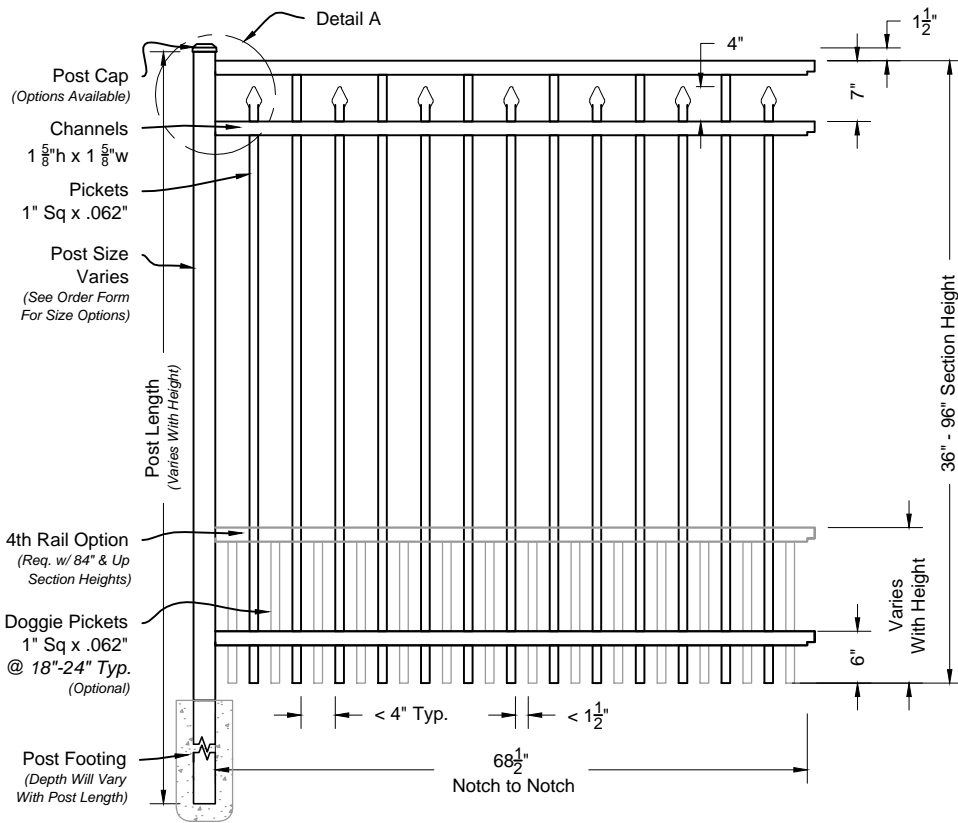
Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

Ind 300 Series  
Fence & Gate  
Details

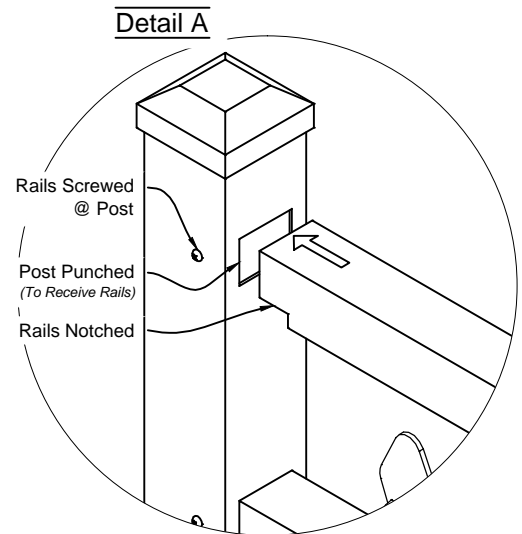
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 19-Dec-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



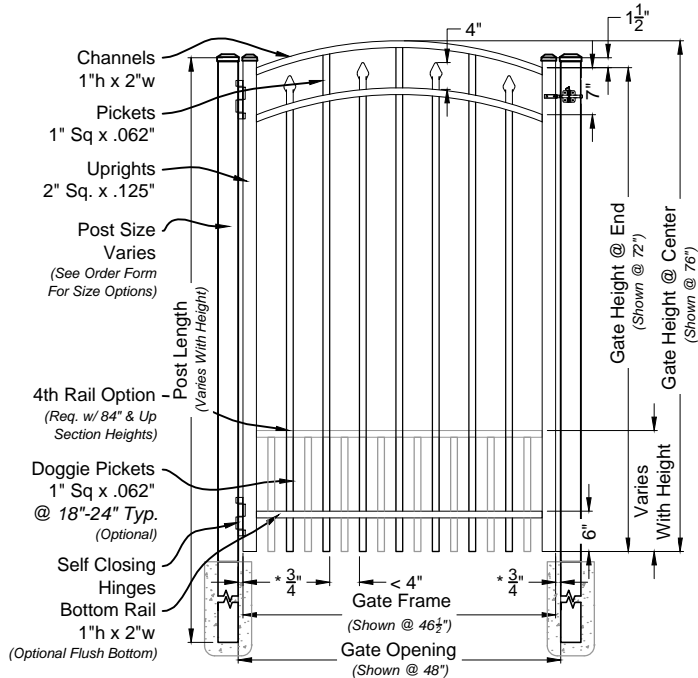
Rings  
**Not Available**

Butterfly Scrolls  
**Not Available**

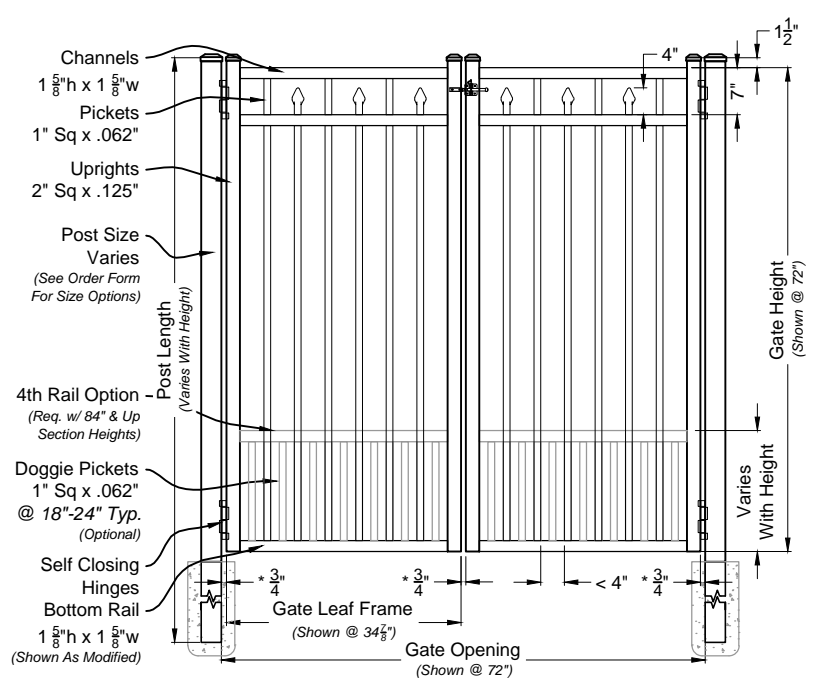


01 **Floridian #303 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



02 **Floridian Single Walk Gate**  
#3033 Arched Rail Option Scale: NTS



03 **Floridian Double Walk Gate**  
#6303M Straight Rail Option Scale: NTS

**Floridian Fence & Gate**  
Industrial Series #303

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

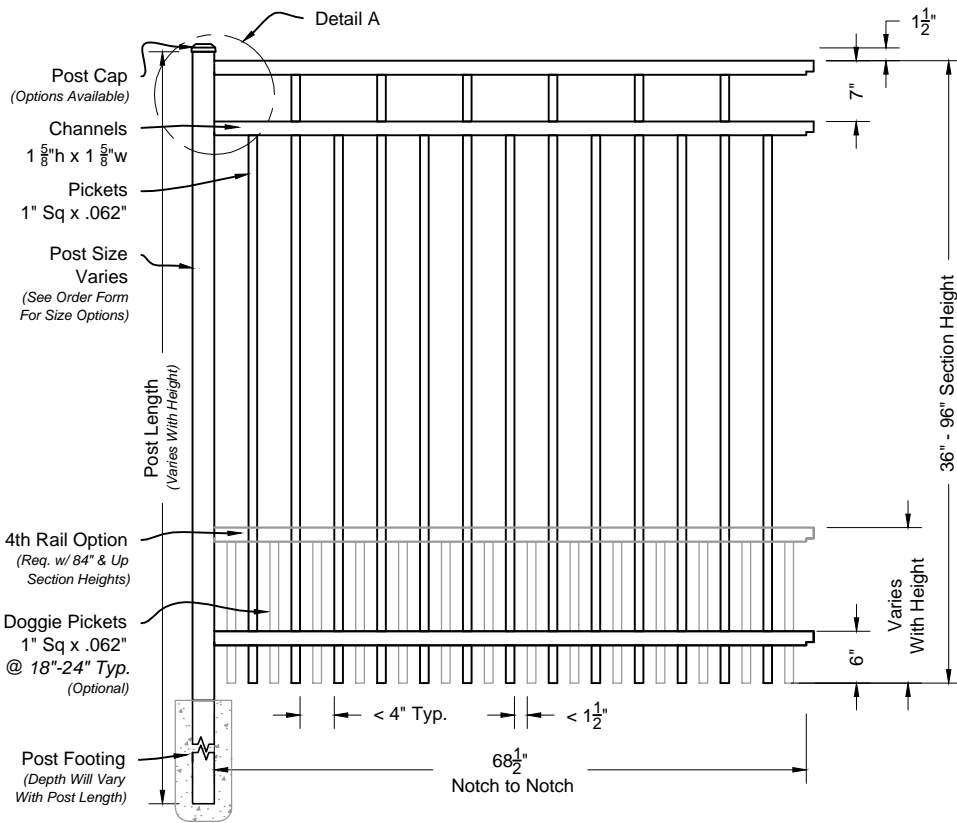
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 303 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 29-Nov-16

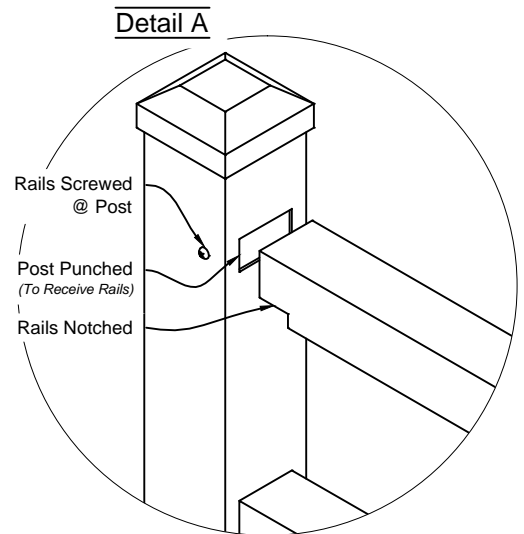
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



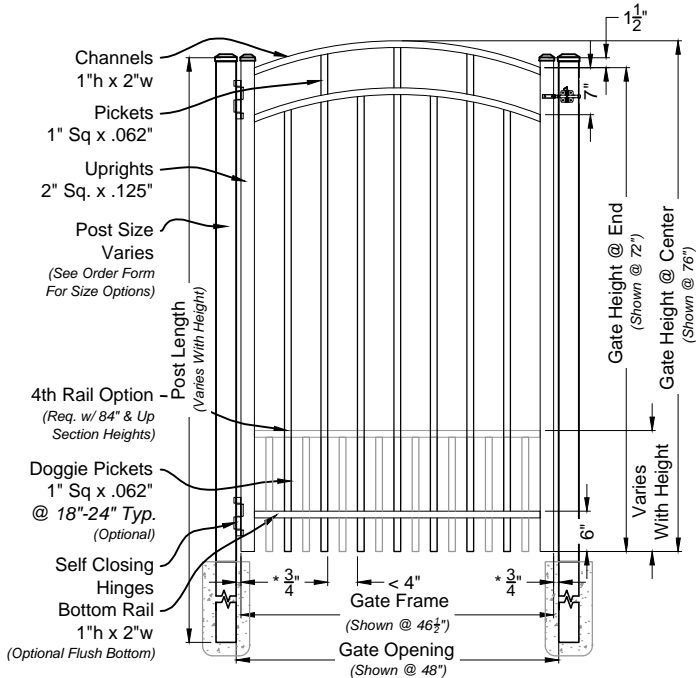
Rings  
**Not Available**

Butterfly Scrolls  
**Not Available**

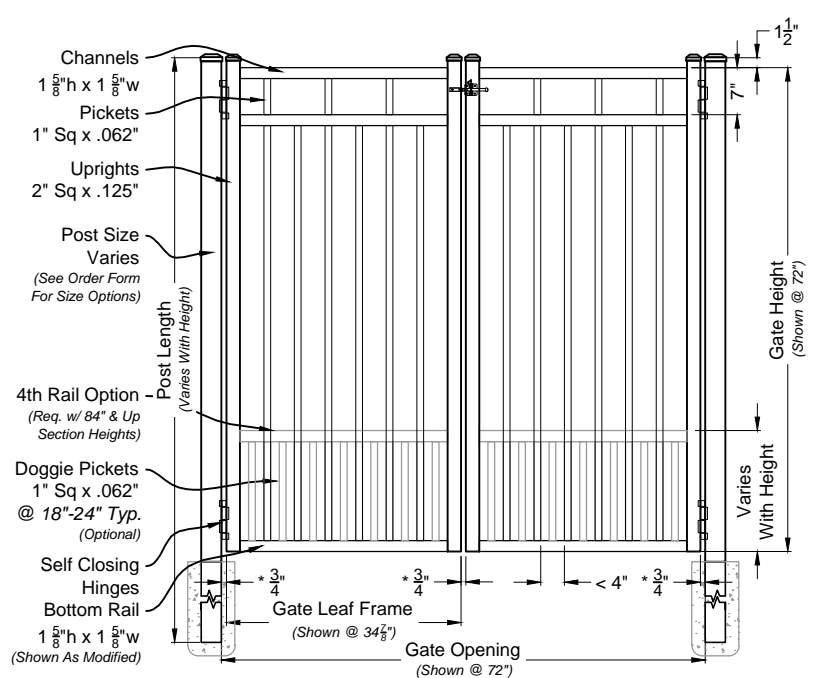


**01 Carolina #403 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



**02 Carolina Single Walk Gate**  
#4033 Arched Rail Option Scale: NTS



**03 Carolina Double Walk Gate**  
#6403M Straight Rail Option Scale: NTS

**Carolina Fence & Gate**  
Industrial Series #403

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

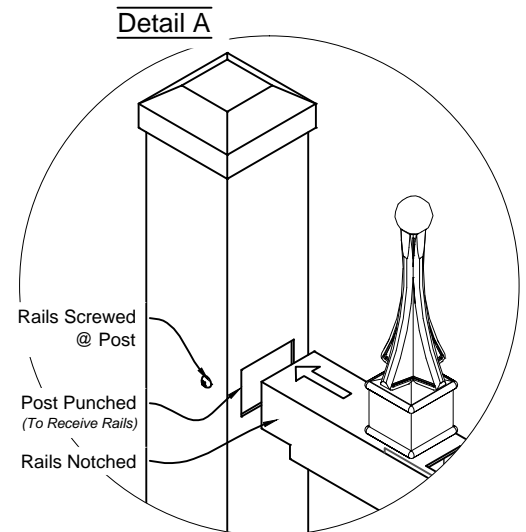
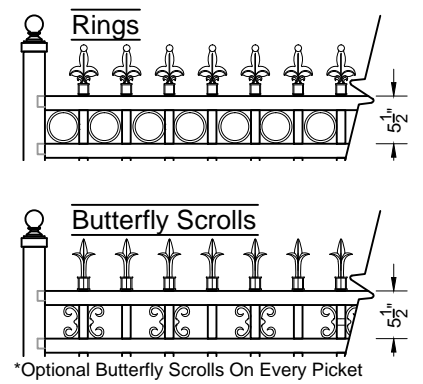
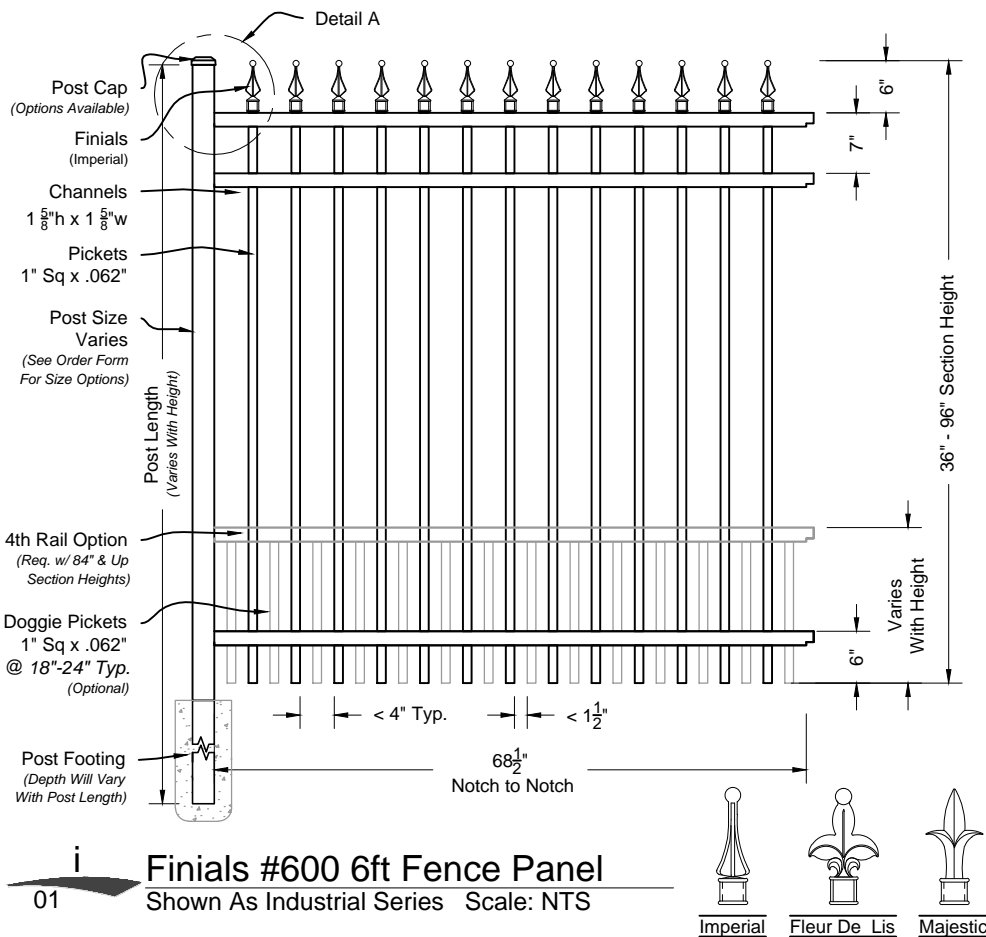
\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

Ind 403 Series  
Fence & Gate  
Details

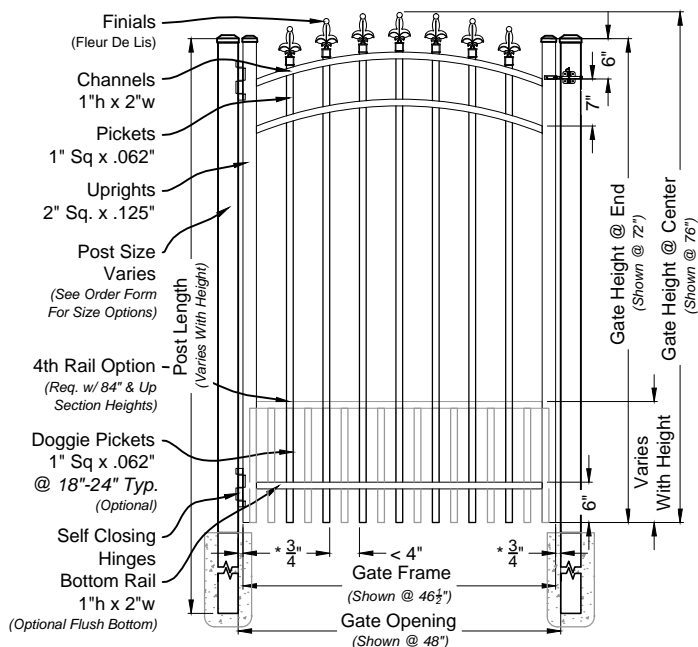
Approved By: iDeal Aluminum Quote #: Drawn By: JMixon Drawn Date: 29-Nov-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

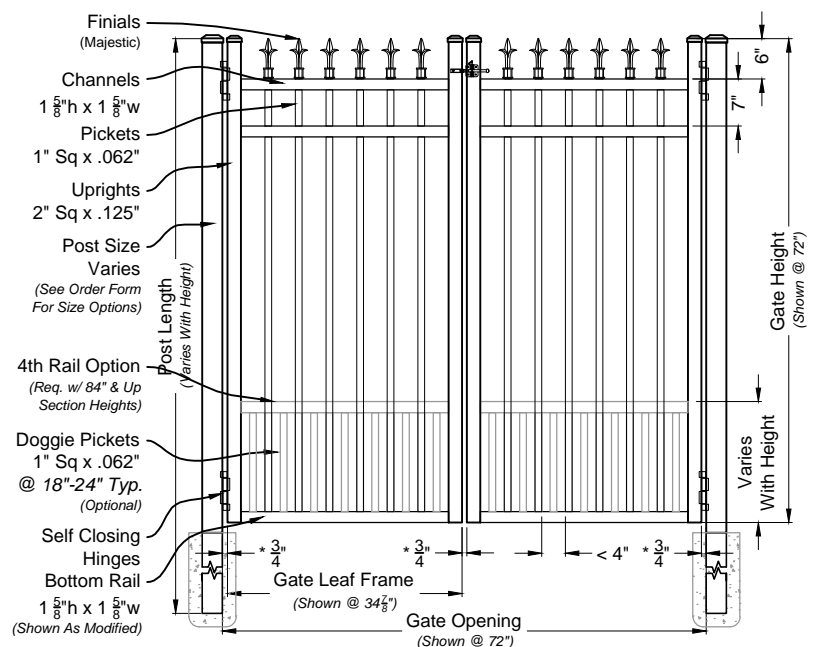
1 OF 1



## Matching Gate Options



**Finials Single Walk Gate**  
#6003 Arched Rail Option Scale: NTS



**Finials Double Walk Gate**  
#6600M Straight Rail Option Scale: NTS

**Finials Fence & Gate**  
Industrial Series #600

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

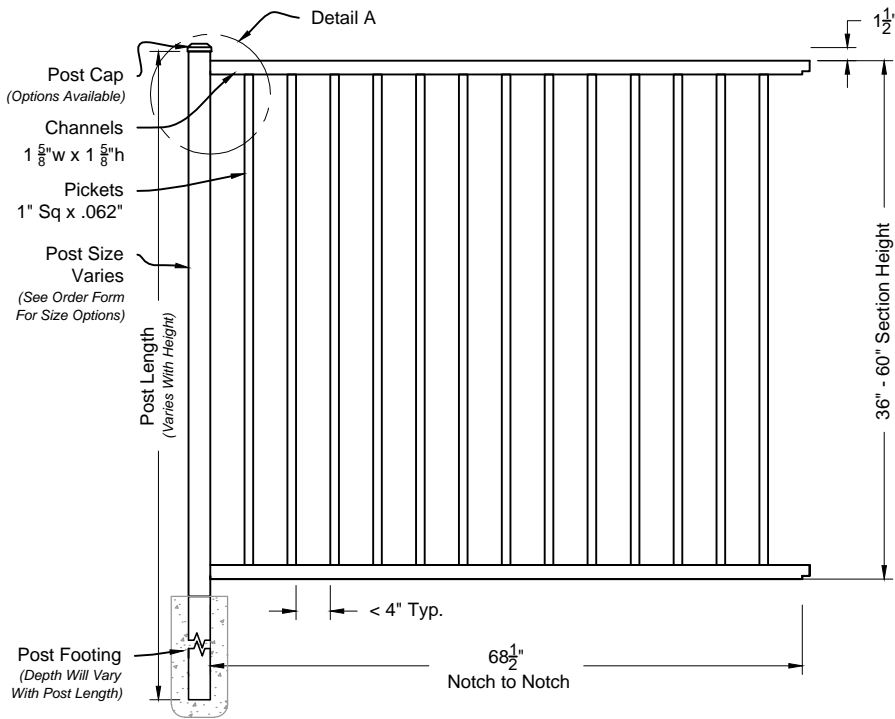
\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 600 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 29-Nov-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

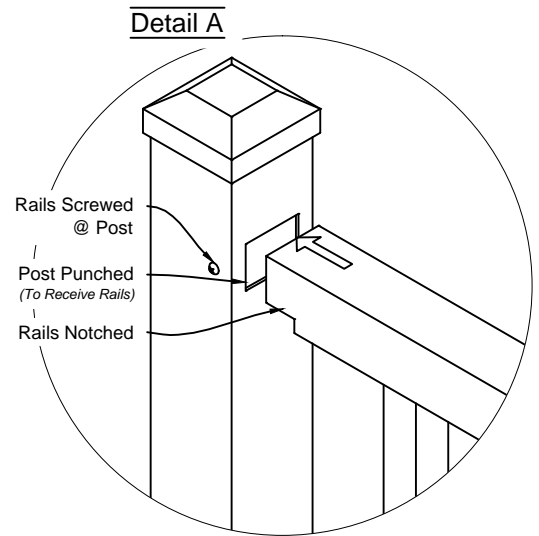
1 OF 1



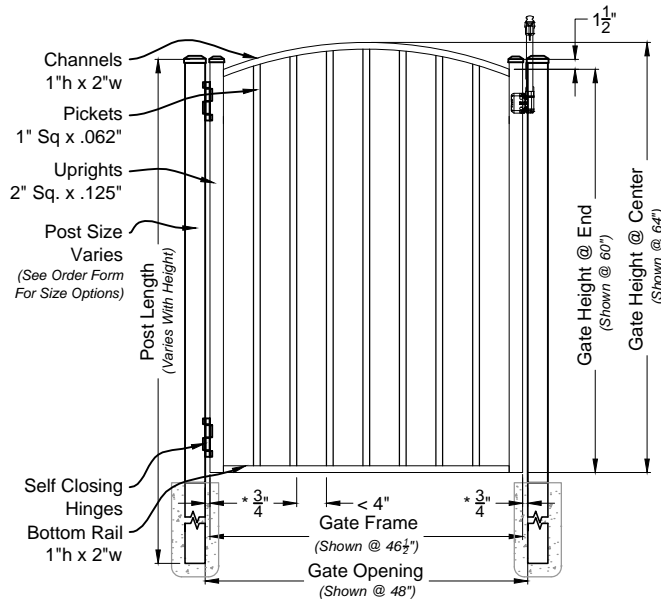
**Alamo #400 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

Rings  
**Not Available**

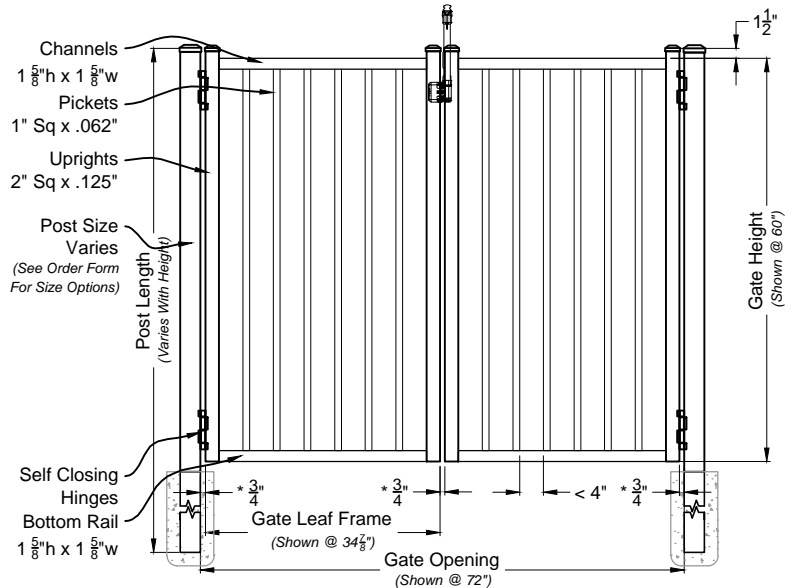
Butterfly Scrolls  
**Not Available**



## Matching Gate Options



**Alamo Single Walk Gate**  
#4004 Arched Rail Option Scale: NTS



**Alamo Double Walk Gate**  
#6400M Straight Rail Option Scale: NTS

**Alamo Fence & Gate**  
Industrial Series #400

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

Ind 400 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 18-Nov-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



# iDeal

aluminum

## Estate Gates

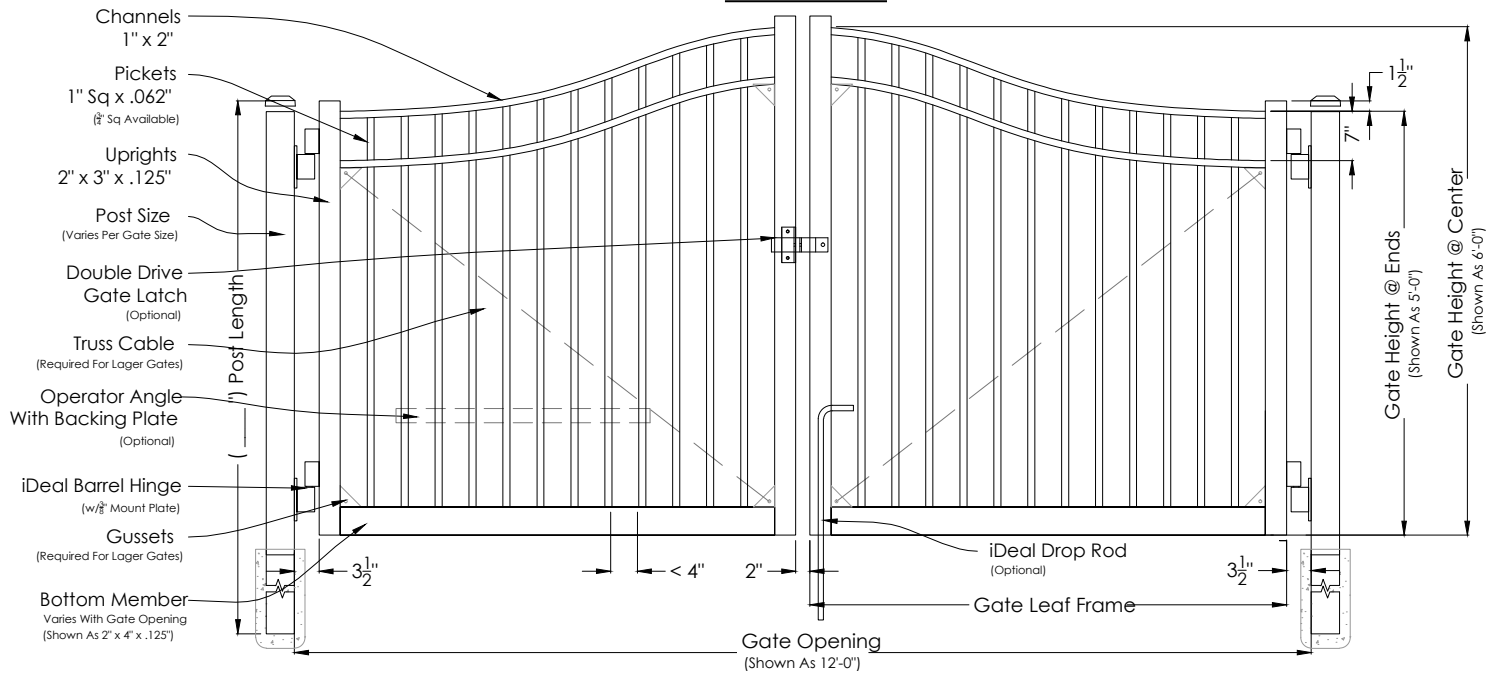
SINGLE SWING - DOUBLE SWING



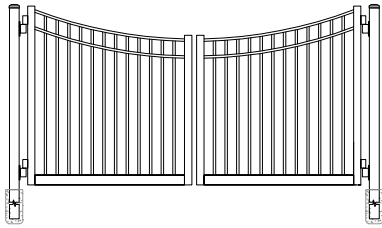


## GATE DETAILS

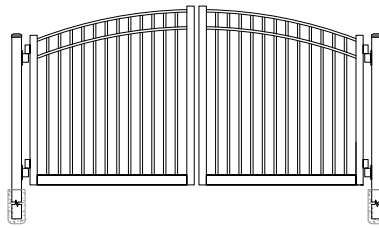
### Bell Arch Shown as \*8330



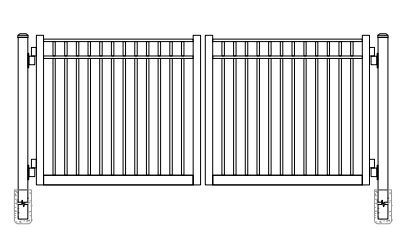
### Scalloped Shown as \*8320



### Dome Arch Shown as \*8330

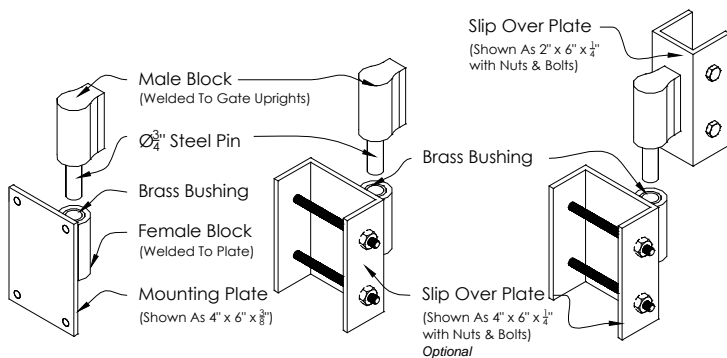


### Straight Shown as \*8300



Ideal is the clearly recognized industry leader in both innovation and craftsmanship for all styles of gates. This matters because almost all interaction a customer has with barriers is at the gate. Aesthetics, workmanship, stability and durability are essential for the lifetime of any gate. Ideal provides estate gates in a variety of heights and widths. Customers may choose from single swing or double swing gates to match their fence style. Each estate gate is custom designed and engineered. Our Ideal gates are fully welded with heavy framework to prevent deflection and sagging.

## IDEAL BARREL HINGE OPTIONS



Option A  
Standard

Option B  
Slip Over

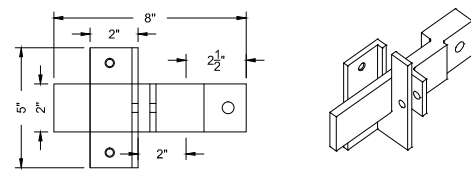
Option C  
Dual Slip Over

## STANDARD COLORS



\*actual colors may vary

## IDEAL DOUBLE DRIVE LATCH



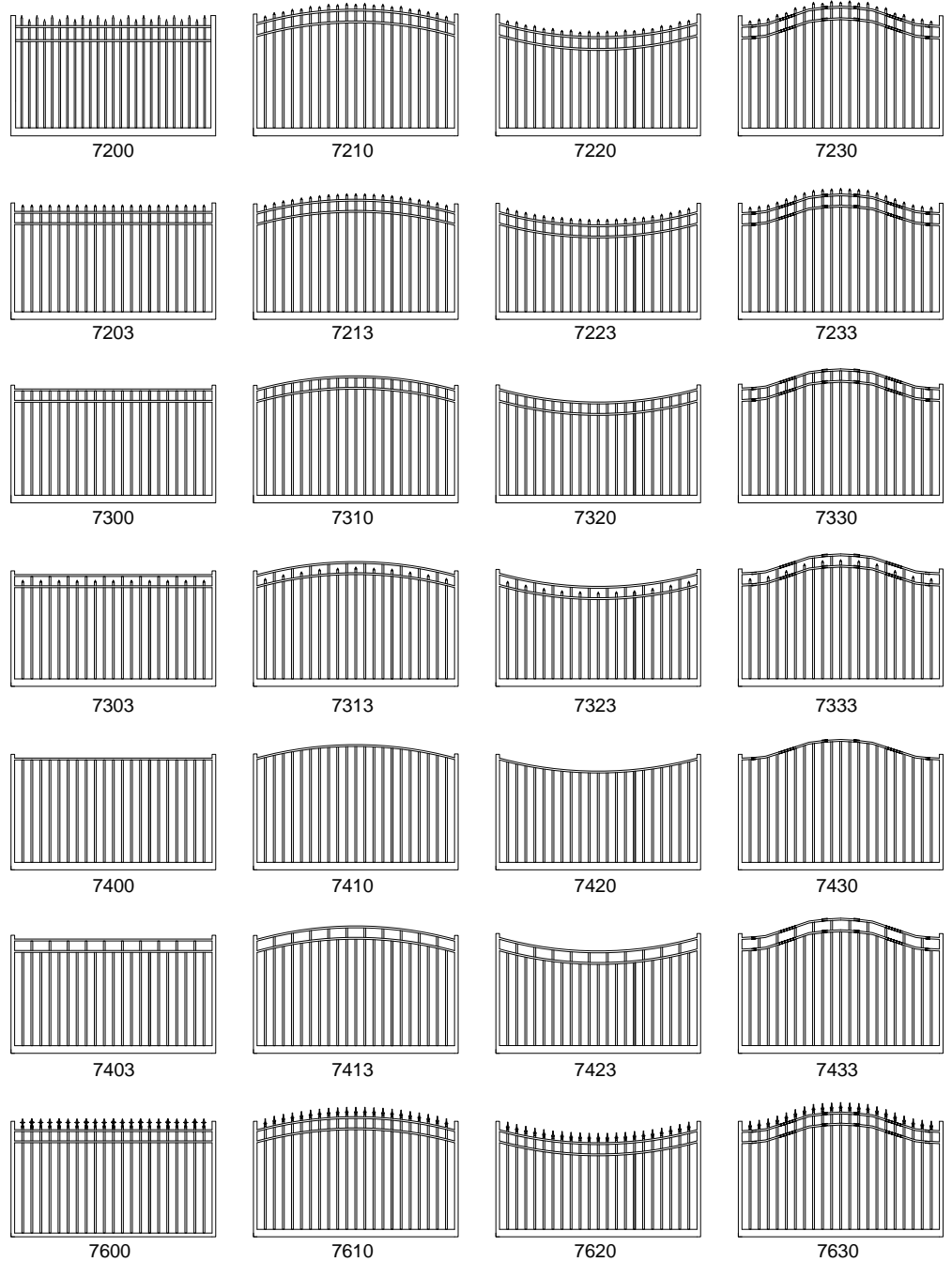
- Gates designed to match your Ideal fence
- All estate gates are available in single swing and double swing
- Double swing gates with up to 40' openings
- Hardware included with gates
- All estate gates are available with 3/4" or 1" Pickets
- Over 60 standard gate styles
- Custom estate gates available
- Idealcoat 2604 standard powder coating

**iDeal**  
aluminum

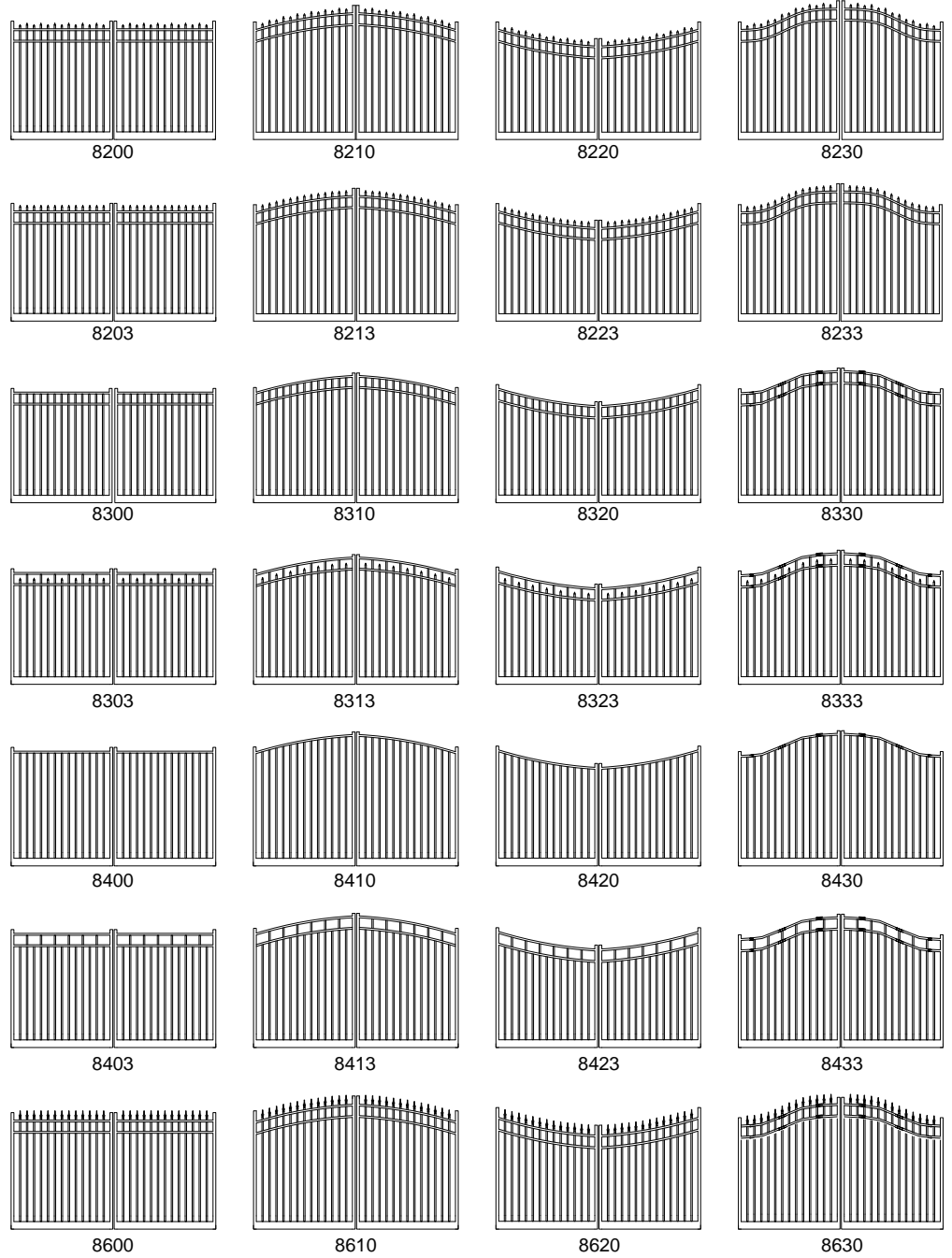
www.ideal-ap.com  
Toll Free: 877.323.6496  
Fax: 877.226.4469

ALL PRODUCTS  
PROUDLY  
MADE IN  
**USA**

# SINGLE SWING ESTATE GATE



# DOUBLE SWING ESTATE GATE



# IDEAL ALUMINUM PRODUCTS DECORATIVE ESTATE GATES

## ARCHITECTURAL SPECIFICATION

Section 323119

### **PART 1 – GENERAL**

#### **1.1 WORK INCLUDED**

- A. The aluminum gate system covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

#### **1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

#### **1.3 RELATED SECTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

#### **1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical for all products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' sample shall be submitted for approval, when required. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components (pickets, rails, and posts) is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire gate system shall have a limited lifetime warranty against defects in

workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T5 alloy in accordance with ASTM B 221/B 221M.
- B. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware. Hinges and latches shall be fabricated from aluminum extrusions with stainless steel springs.

### **2.2 ORNAMENTAL ALUMINUM ESTATE GATES**

- A. (GRADE) Estate Gate:
  - 1. Style: (STYLE), as manufactured by iDeal Aluminum Products
  - 2. Gate Opening Width: (x) inch
  - 3. Gate Height: (x) inch
  - 4. Pickets: (x) inch by (x) inch
  - 5. Rails: (x) inch by (x) inch by (x) inch Channel
  - 6. Uprights: (x) inch by (x) inch
  - 7. Post: (x) inch by (x) inch by .250 inch by (x) inch long
  - 8. Color: iDeal Aluminum Products standard (COLOR)
    - a. Meets AAMA 2604
  - 9. Accessories:
    - a. Hinges: (TYPE)
    - b. Latch: (TYPE)
    - c. Truss Cables

## **2.3 FABRICATION**

- A. Horizontal Rails: Rails shall be “U” channels. Pickets shall pass through holes punched in the top rail. The number of rails shall vary with the style, height, and strength of the gate system according to manufacturer’s specifications.
- B. Pickets: Pickets shall be welded to the rails from the underside.
- C. Posts: Posts shall be blank. Cast aluminum post caps shall be affixed to all posts. Post size and wall thickness shall be based on manufacturers’ recommendations. A gate requires a gate post on both sides.
- D. Finish: The gate system shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.



- C. Posts shall be set in accordance with the manufacturer recommended spacing.
- D. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.
- E. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- F. Division 2 and Division 3 Sections shall govern post base material requirements.
- G. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- H. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- I. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- J. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

### **3.4 CLEANING**

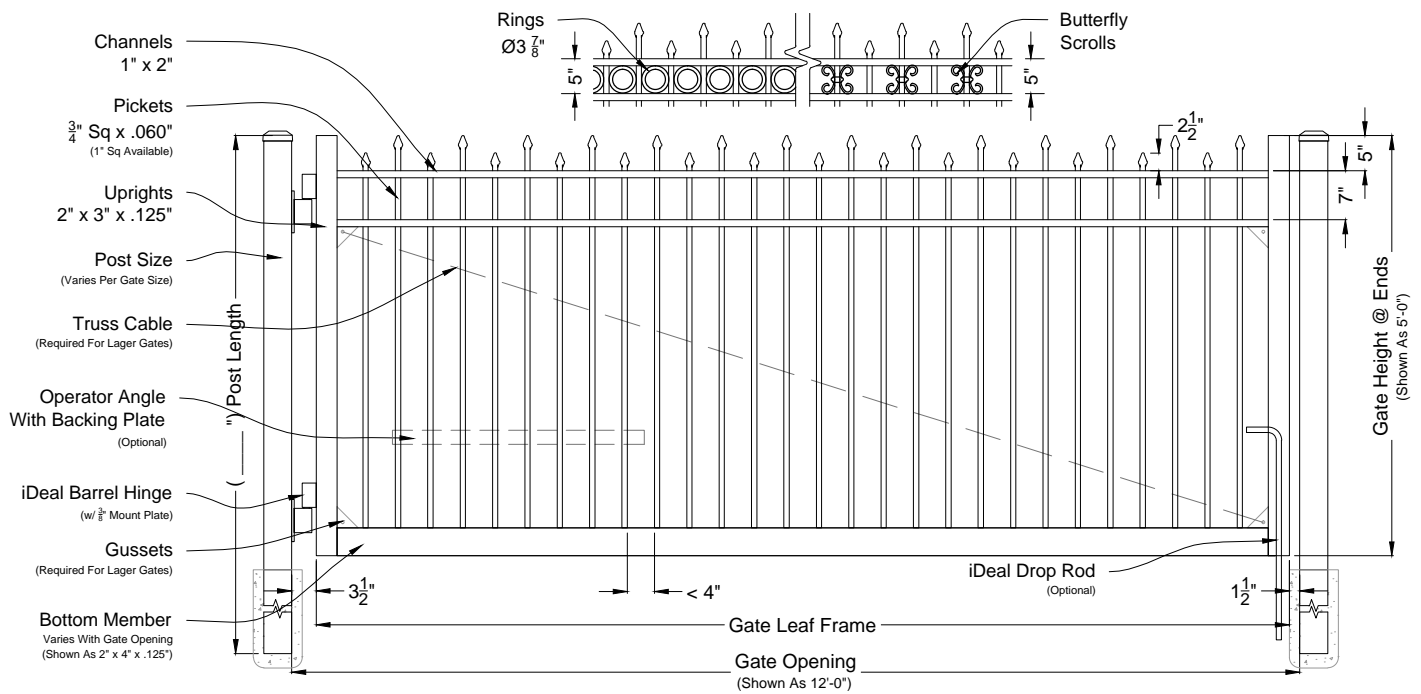
- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean gates with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other gate material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to gate finish.

### **3.5 PROTECTION**

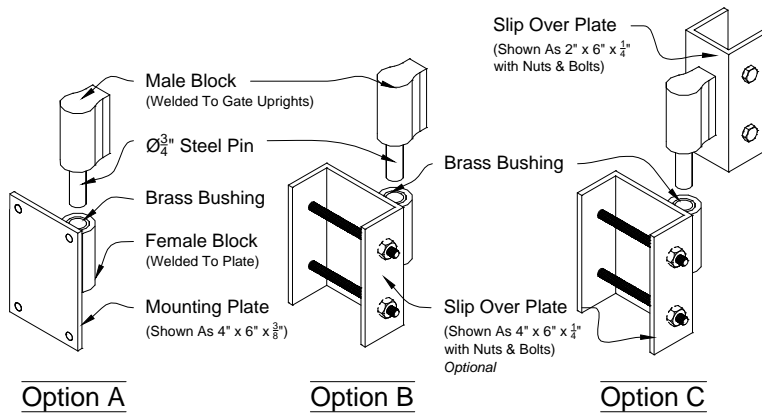
F. Protect installed products until completion of project.

G. Touch-up, repair or replace damaged products before Substantial Completion.

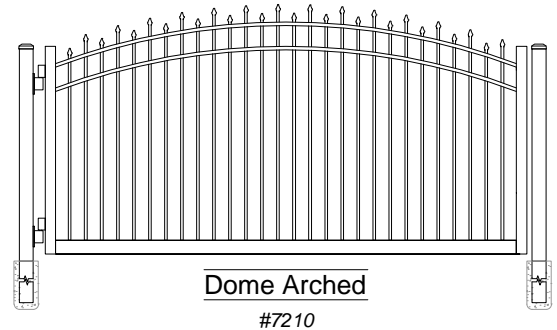
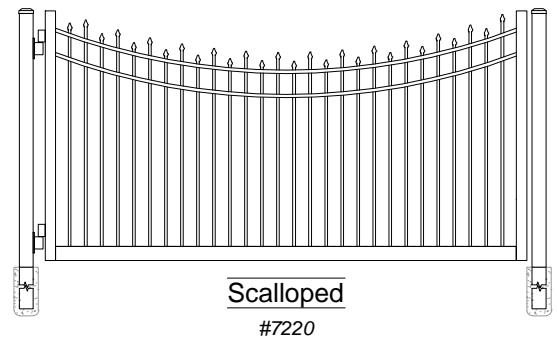
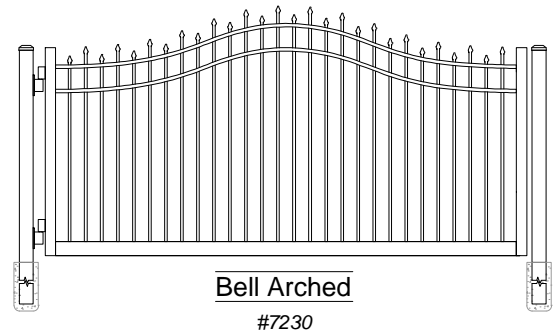
END OF SECTION



**01** **Californian #7200 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**Californian Single Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

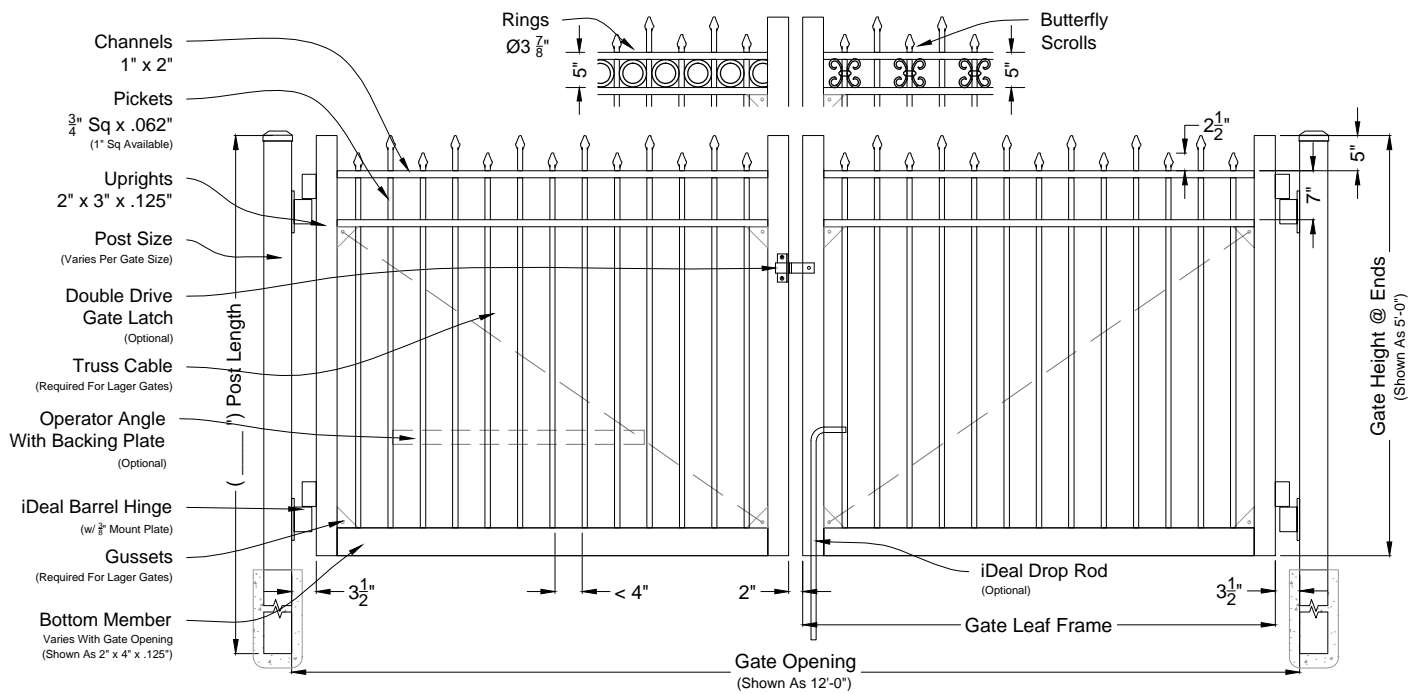
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Californian  
Series Single  
Swing Estate  
Gates

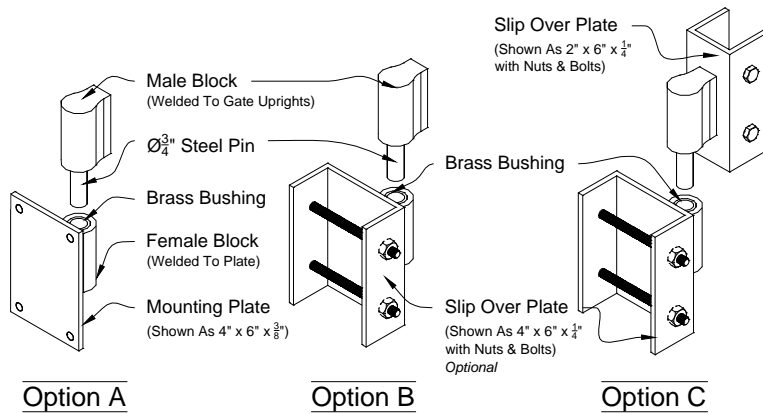
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

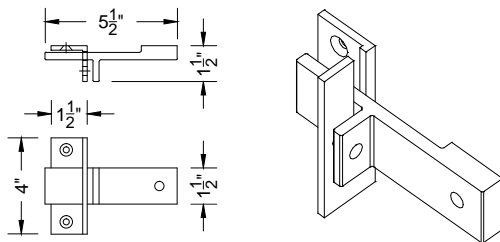
1 OF 1



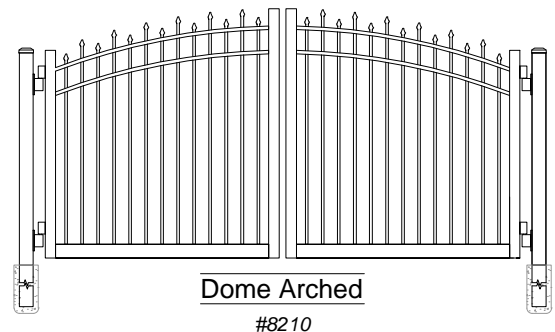
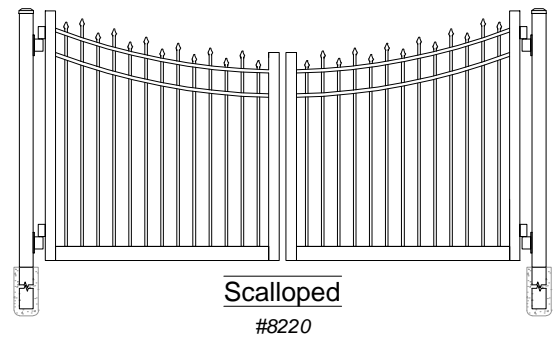
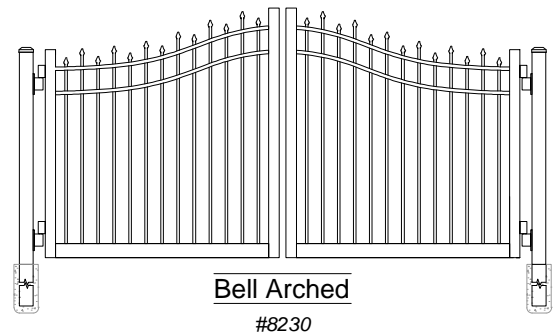
**01** **Californian #8200 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\"/>



**Californian Double Swing Estate Gate**  
Commercial



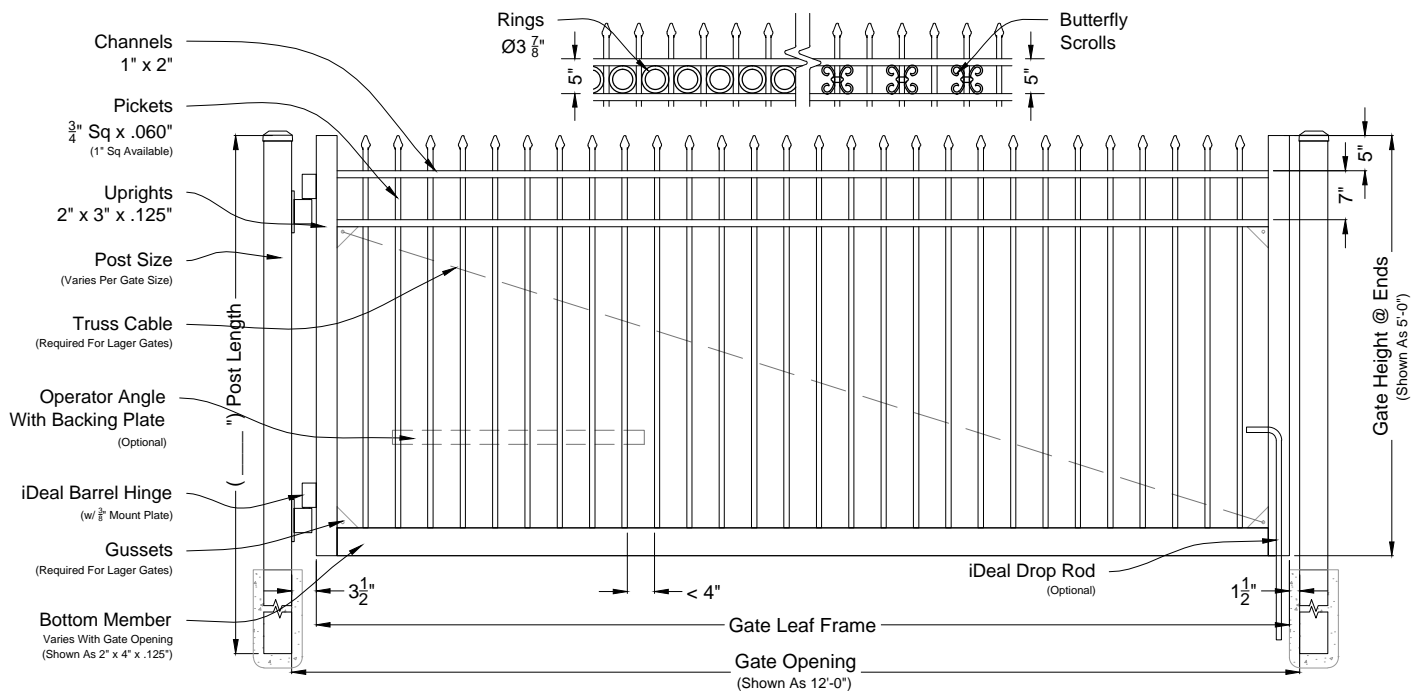
**DRAWING NOTES:**

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

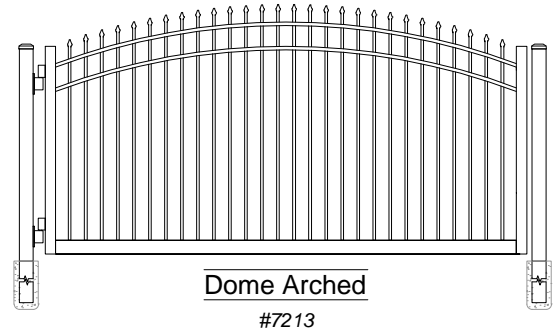
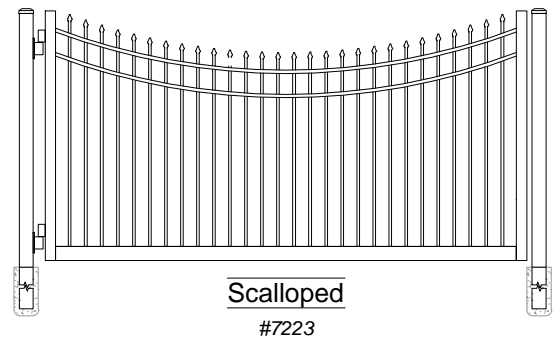
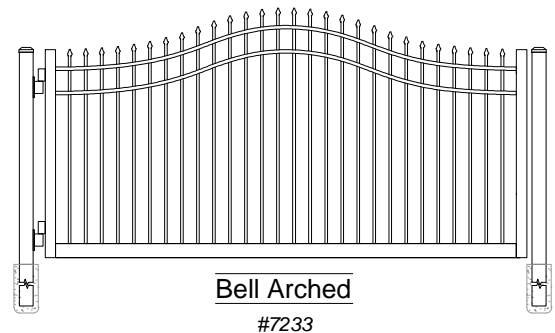
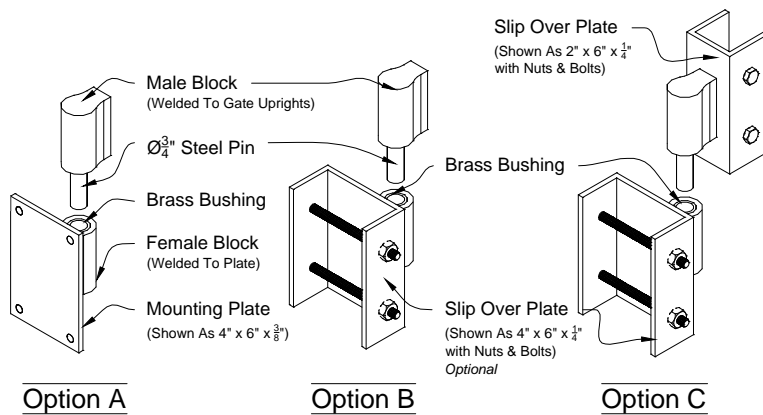
Californian  
Series Double  
Swing Estate  
Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956



**01** **Maine #7203 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Maine Single Swing Estate Gate**  
Commercial



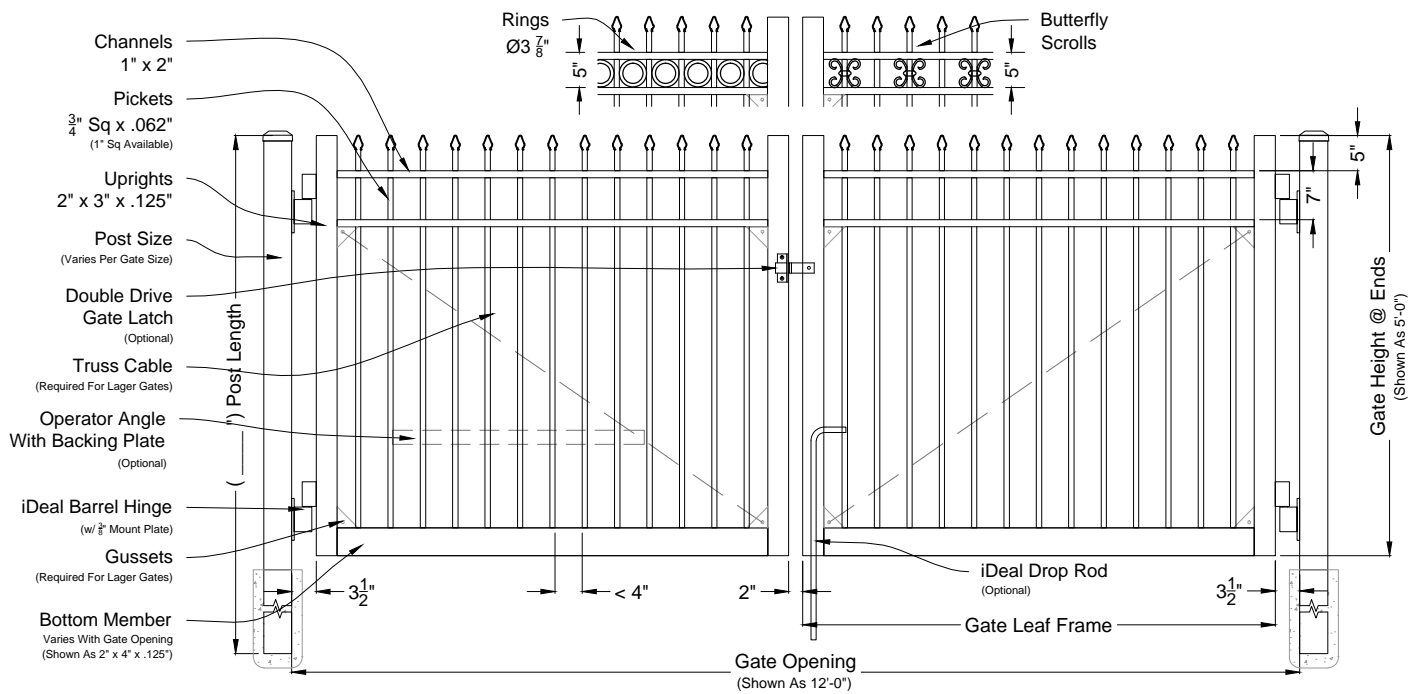
**DRAWING NOTES:**

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Maine Series  
Single Swing  
Estate Gates

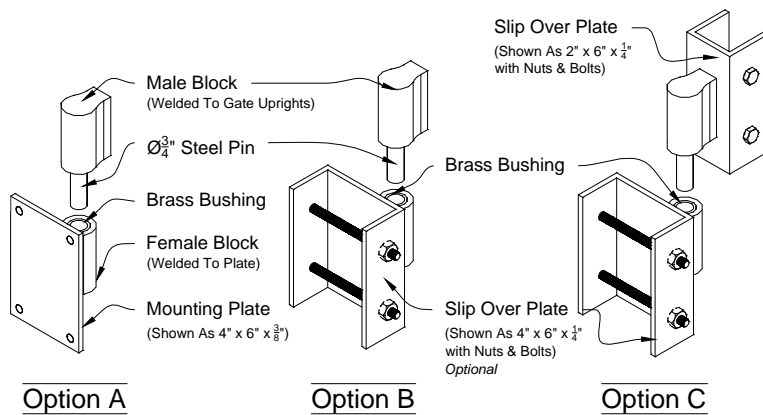
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



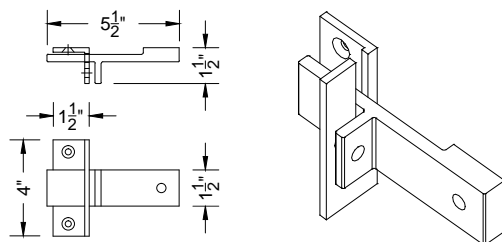
## 01 Maine #8203 Double Swing Gate

Shown As Standard (Commercial Series) Scale: NTS



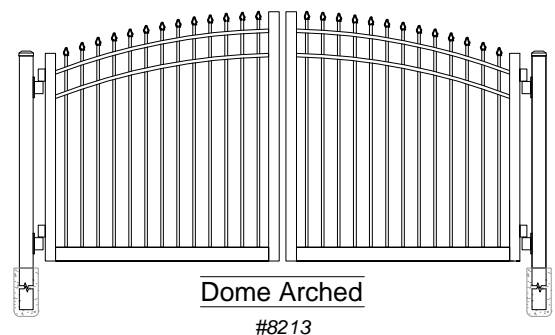
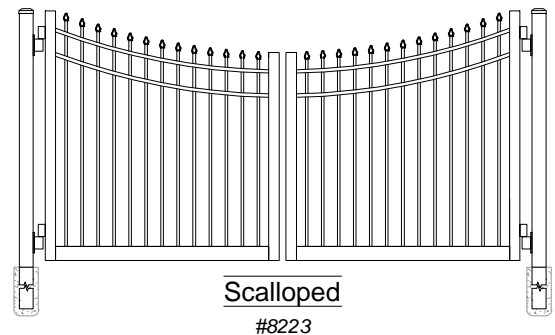
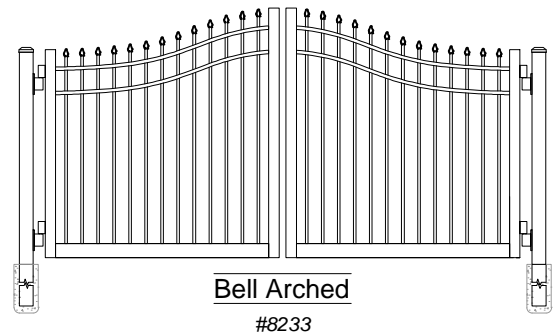
## 02 iDeal Barrel Hinge

Custom To Fit Any Post Size Scale: NTS



## 03 iDeal Double Drive Latch

Fits 3/4" to 2" Gap Scale: NTS



## Maine Double Swing Estate Gate

Commercial



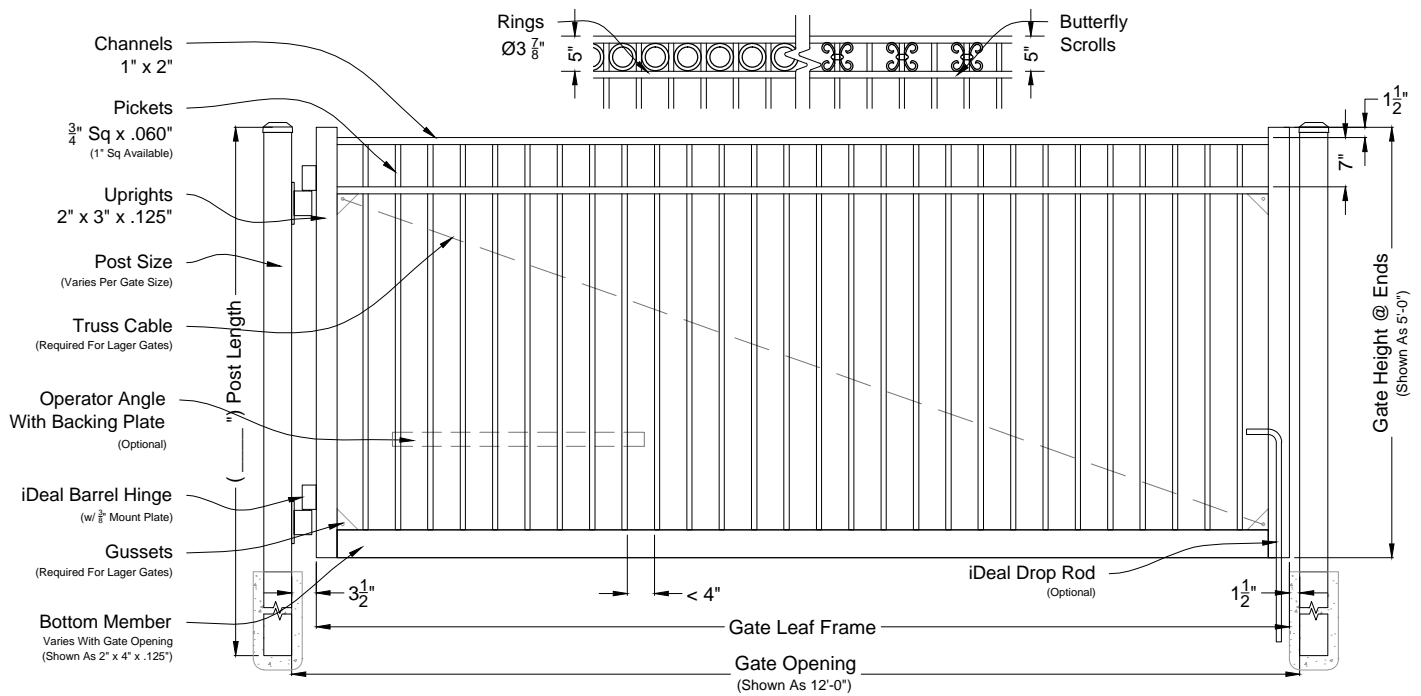
### DRAWING NOTES:

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

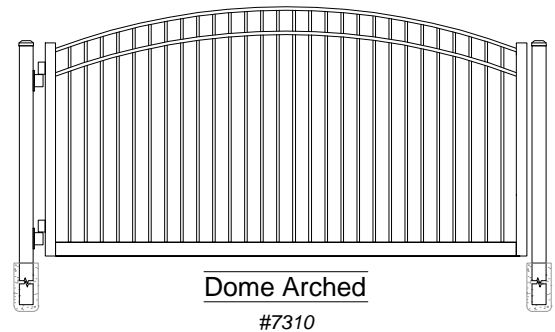
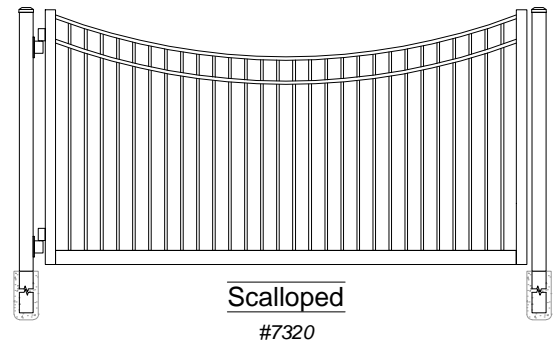
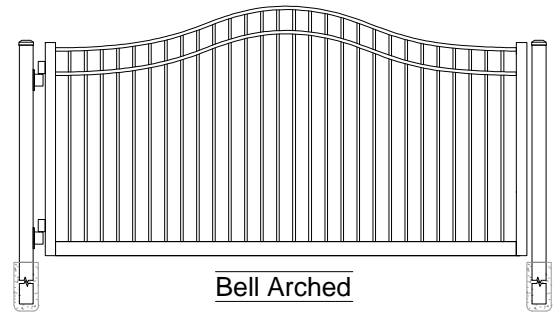
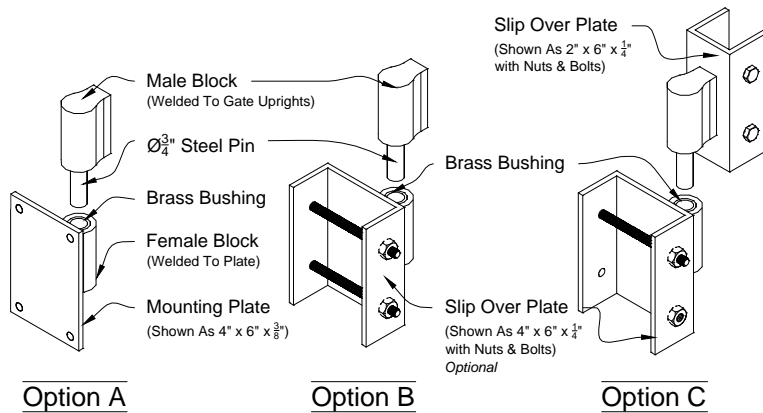
Maine Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #: 16-Feb-17  
Drawn By: JMixon

3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956



01 **Long Islander #7300 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



02 **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

Long Islander Single Swing Estate Gate  
Commercial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Long Islander  
Series Single  
Swing Estate  
Gates

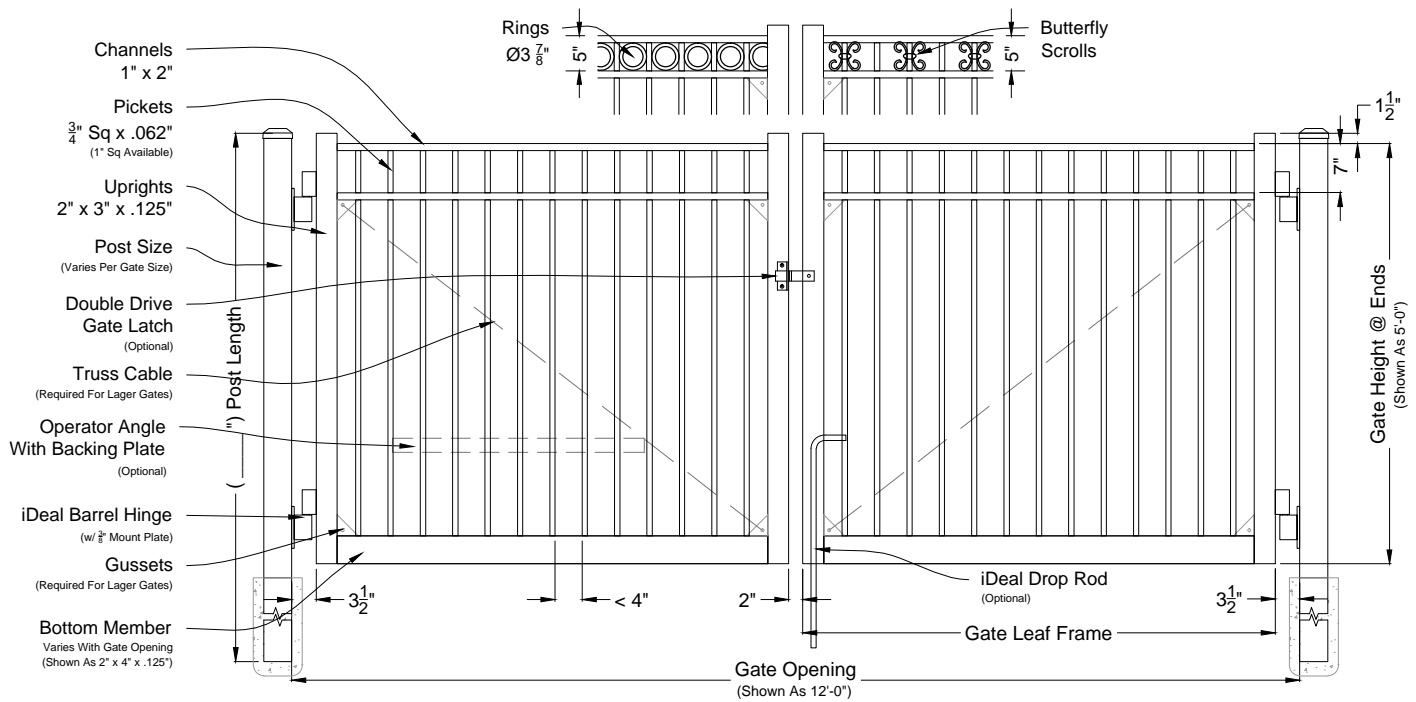
Approved By: iDeal Aluminum Quote #:

Drawn By: JMixon

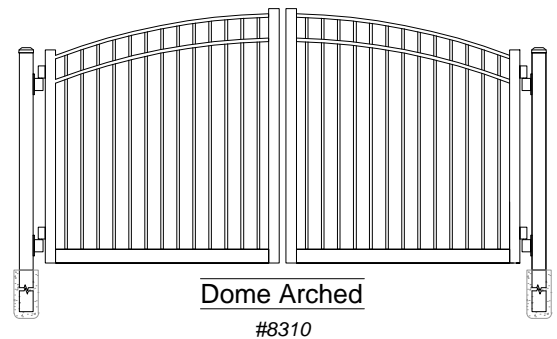
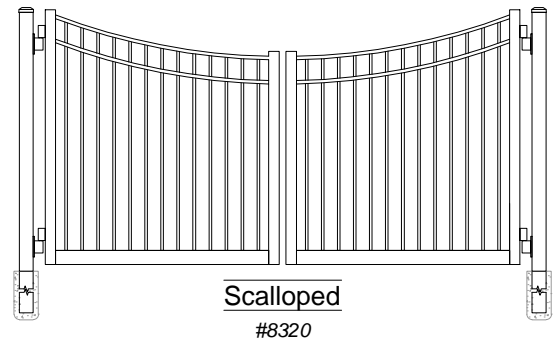
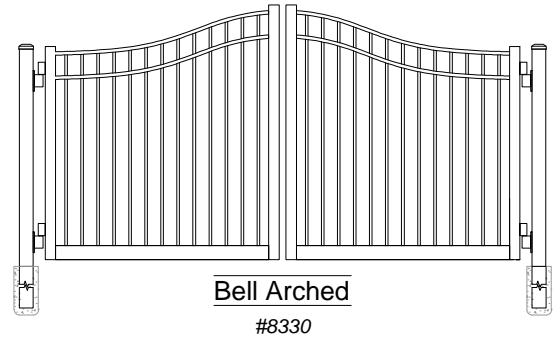
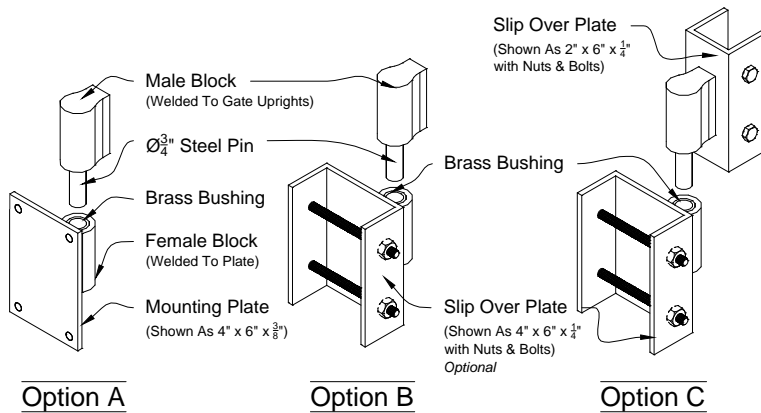
Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

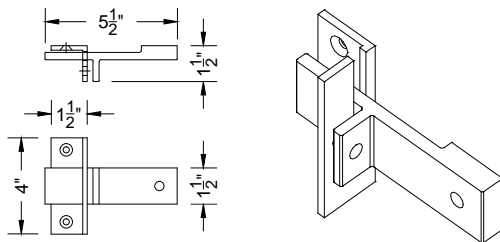
1 OF 1



**01 Long Islander #8300 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03 iDeal Double Drive Latch**  
Fits 3/4" to 2" Gap Scale: NTS

Long Islander Double Swing Estate Gate  
Commercial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

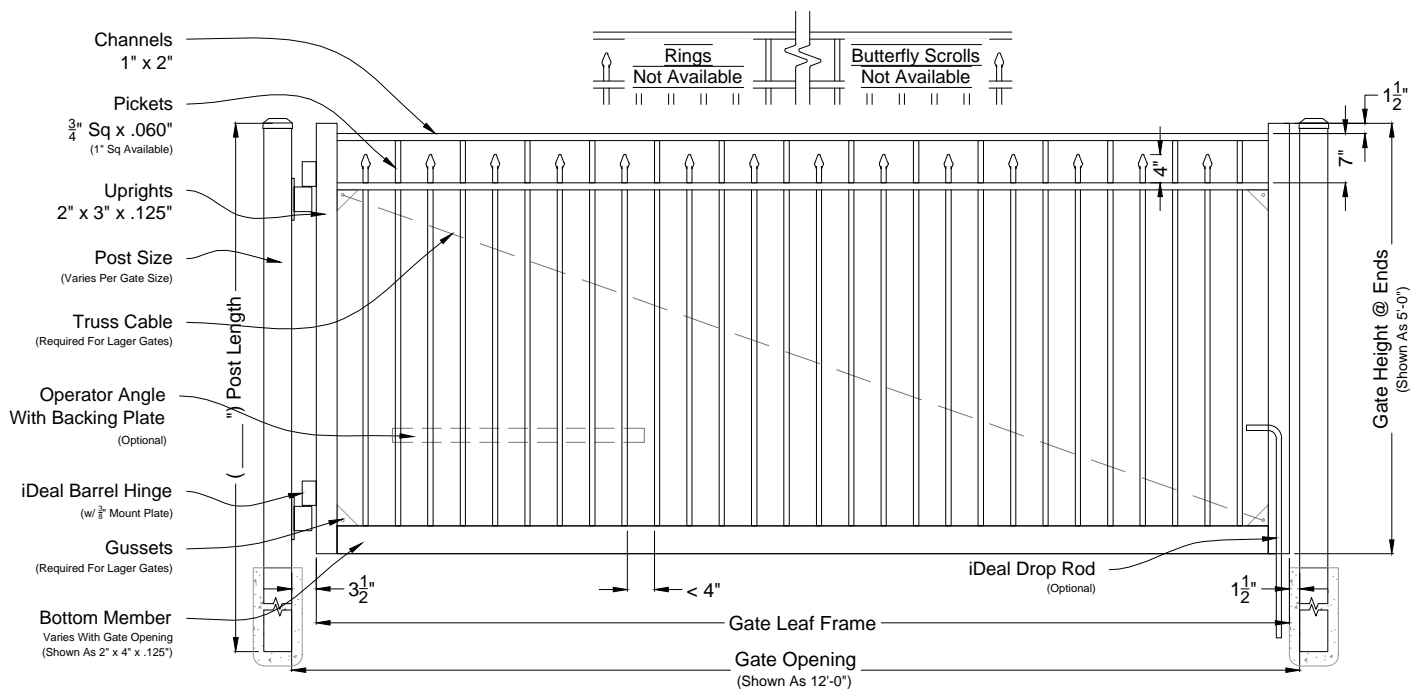
Long Islander  
Series Double  
Swing Estate  
Gates

Approved By: iDeal Aluminum Quote #: Drawn By: JMixon Drawn Date: 16-Feb-17

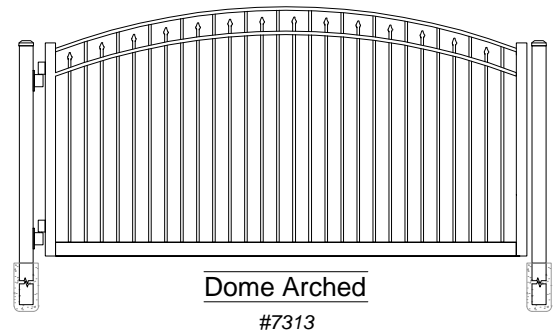
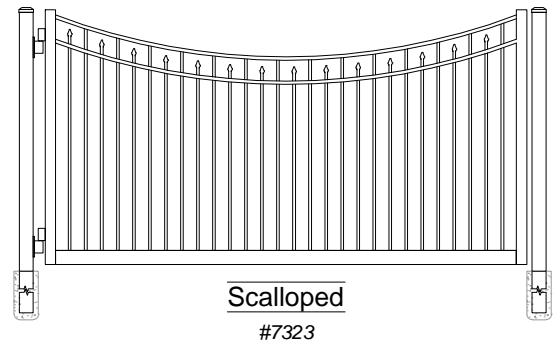
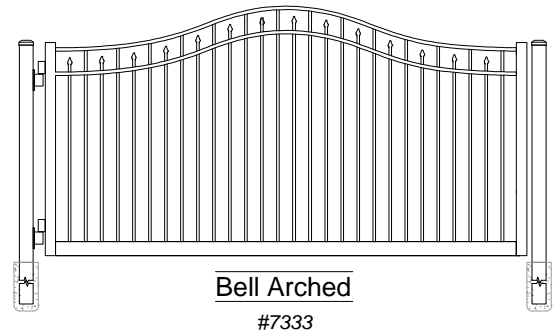
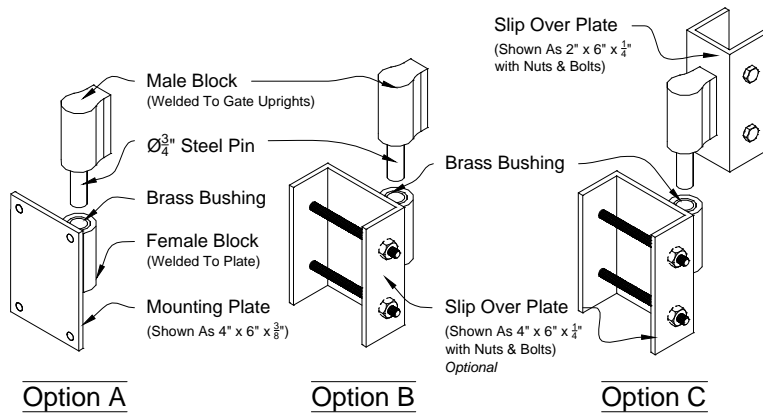
3200 Parker Drive St. Augustine, FL 32084 Phone: 386.736.1700 Fax: 386.822.4956

1 OF 1





01 **Floridian #7303 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



02 **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Floridian Single Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

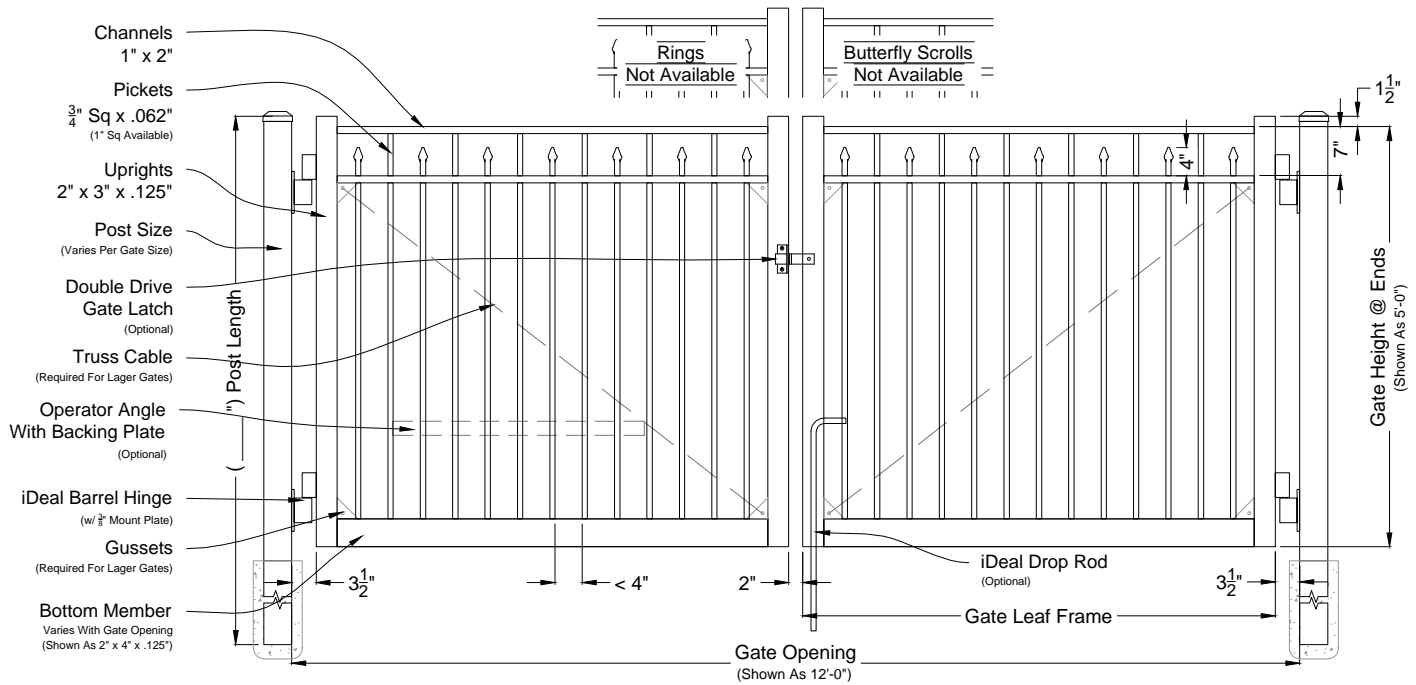
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Floridian Series  
Single Swing  
Estate Gates

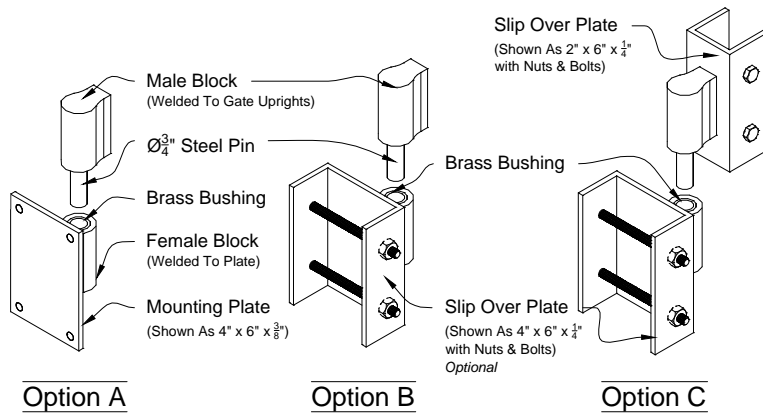
Approved By: iDeal Aluminum Quote #:  
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

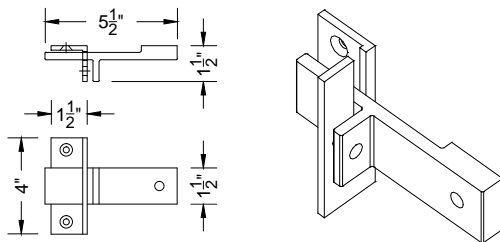
1 OF 1



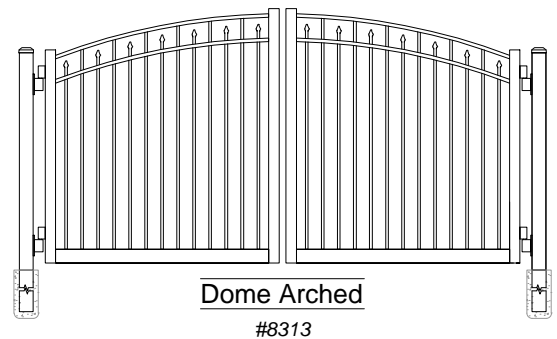
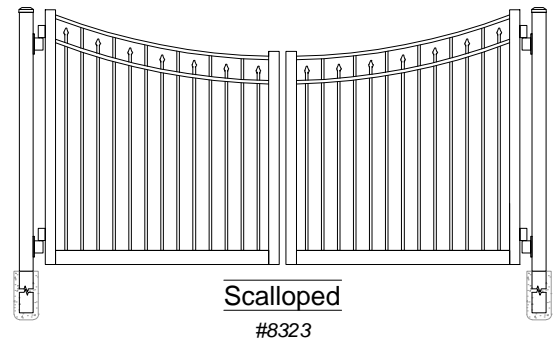
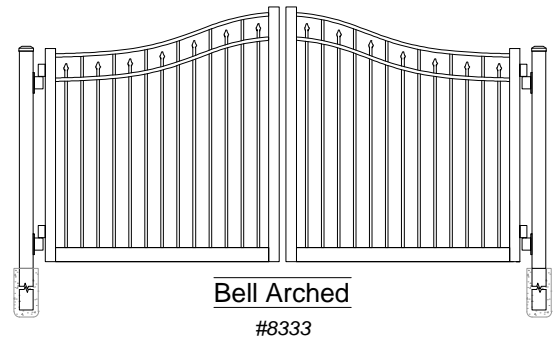
**01** **Floridian #8303 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\" to 2\" Gap Scale: NTS



**Floridian Double Swing Estate Gate**  
Commercial

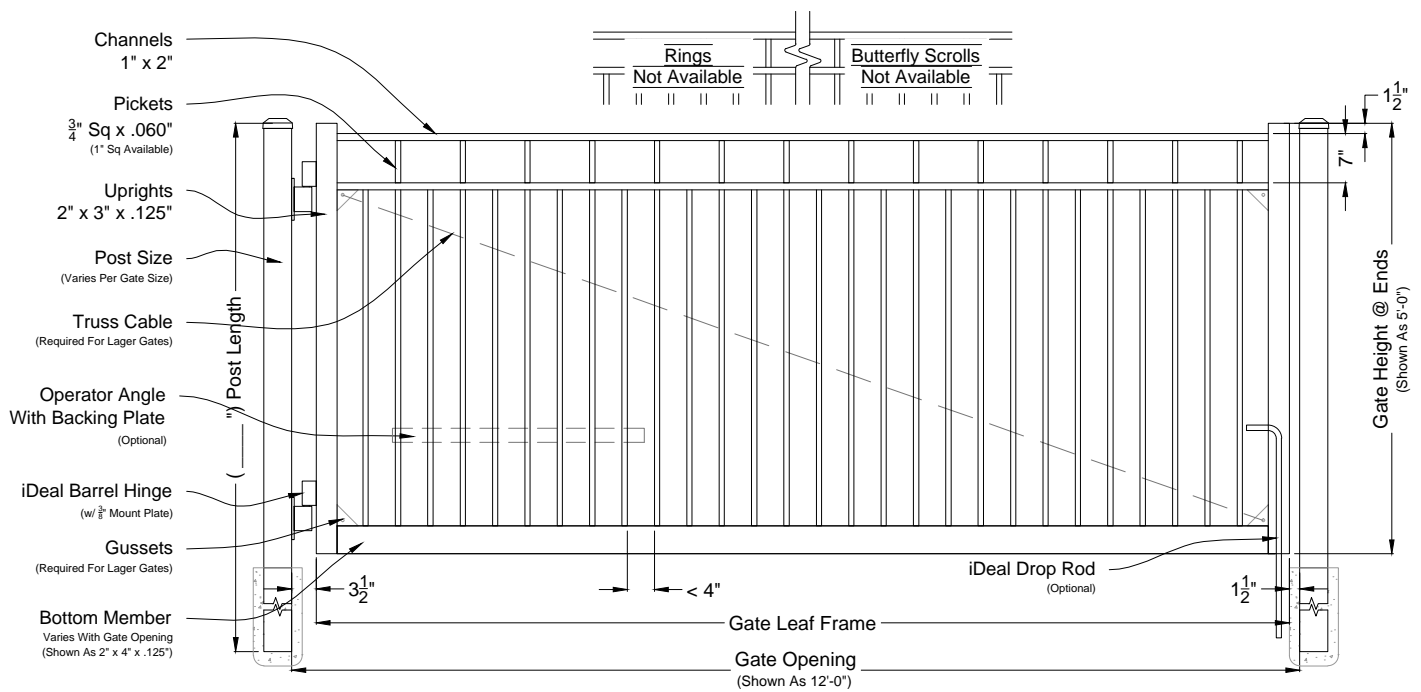
**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

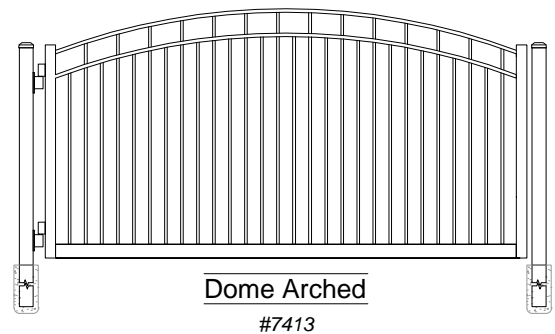
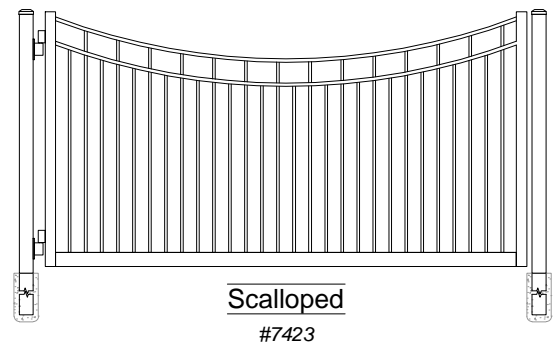
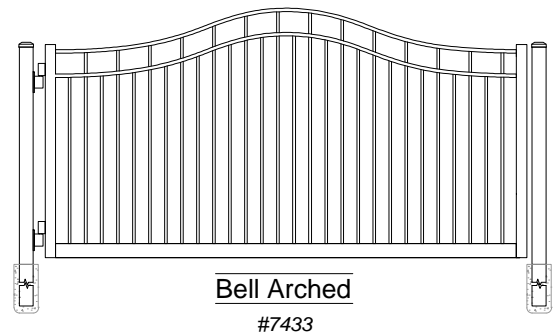
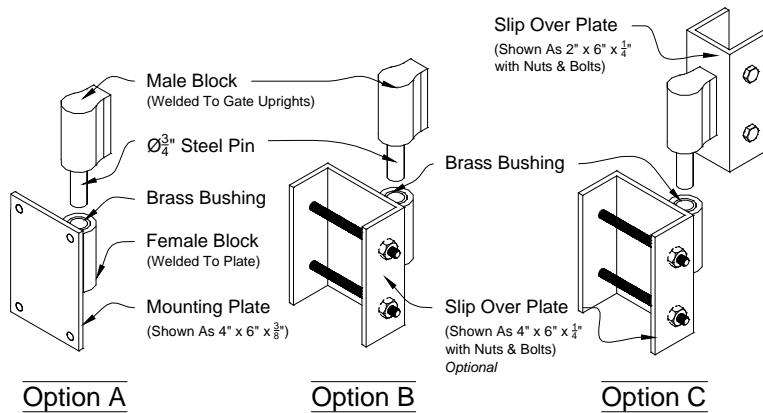
Floridian Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956



01 **Carolina #7403 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



02 **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Carolina Single Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

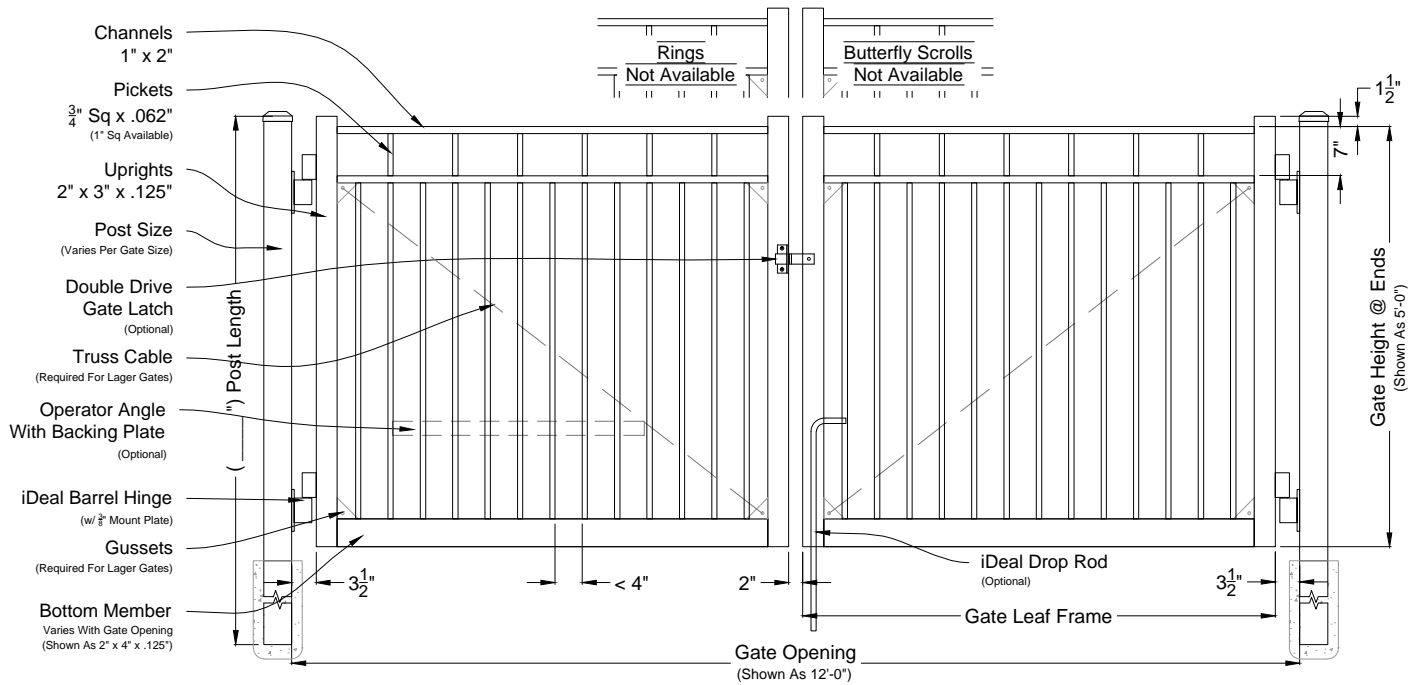
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Carolina Series  
Single Swing  
Estate Gates

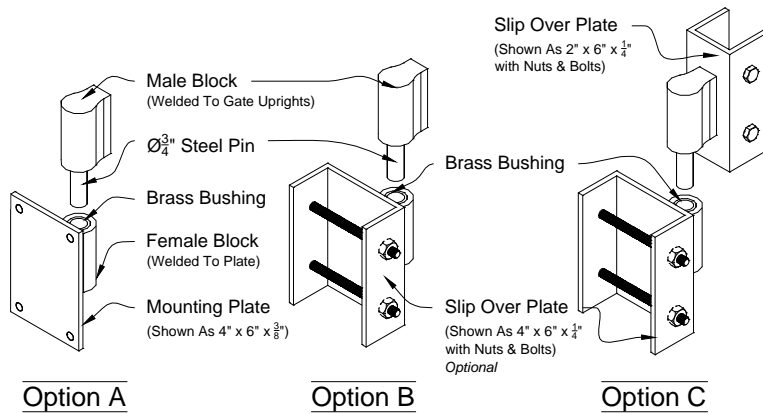
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

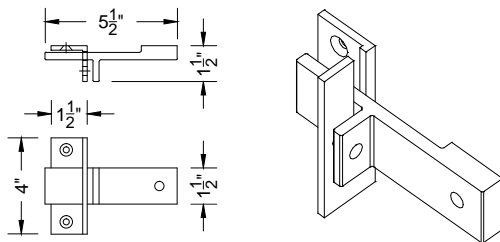
1 OF 1



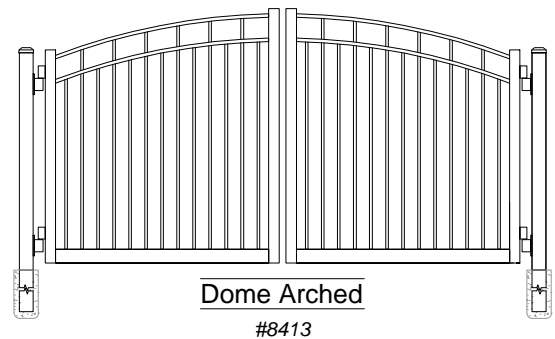
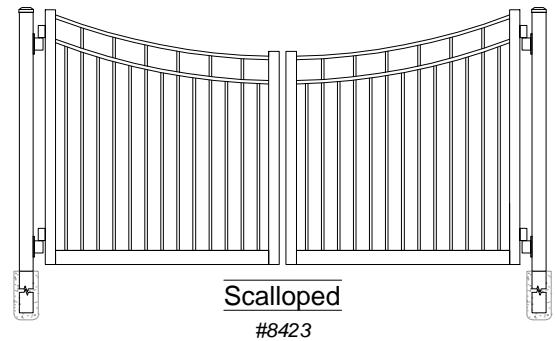
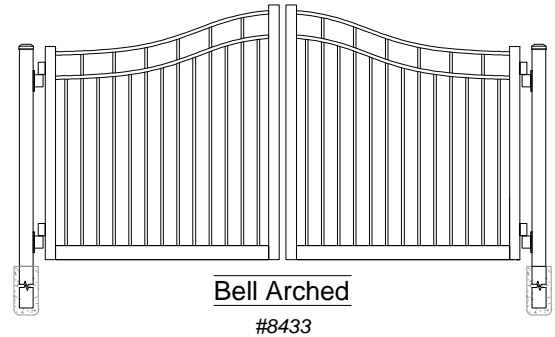
**01 Carolina #8403 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03 iDeal Double Drive Latch**  
Fits 3/4\"/>



**Carolina Double Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

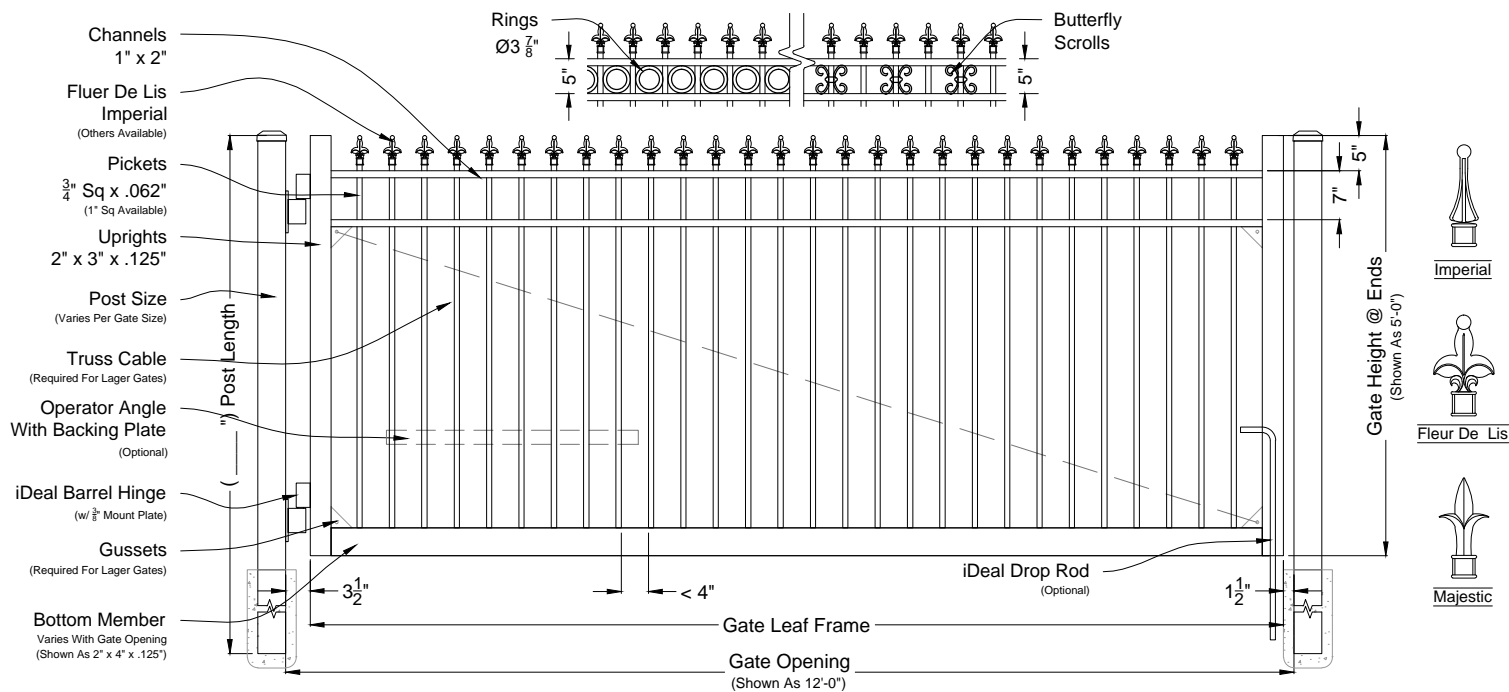
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Carolina Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

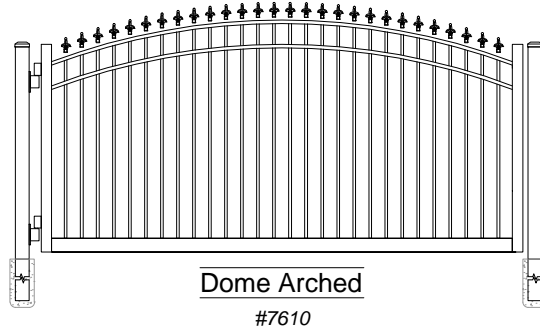
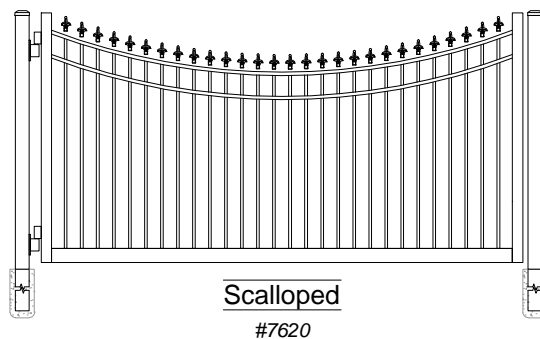
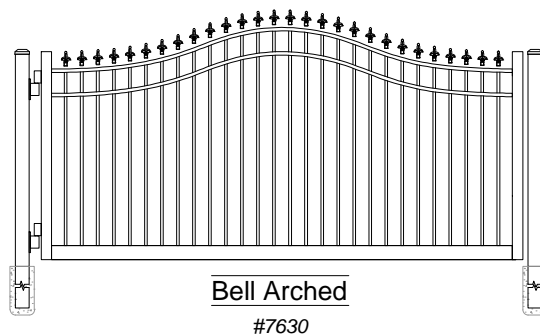
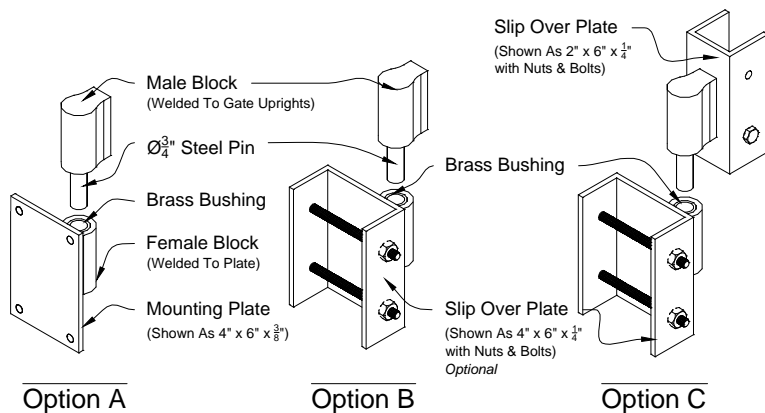
3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



## 01 Finials #7600 Single Swing Gate

Shown As Standard (Commercial Series) Scale: NTS



## 02 iDeal Barrel Hinge

Custom To Fit Any Post Size Scale: NTS

### Finials Single Swing Estate Gate

Commercial



#### DRAWING NOTES:

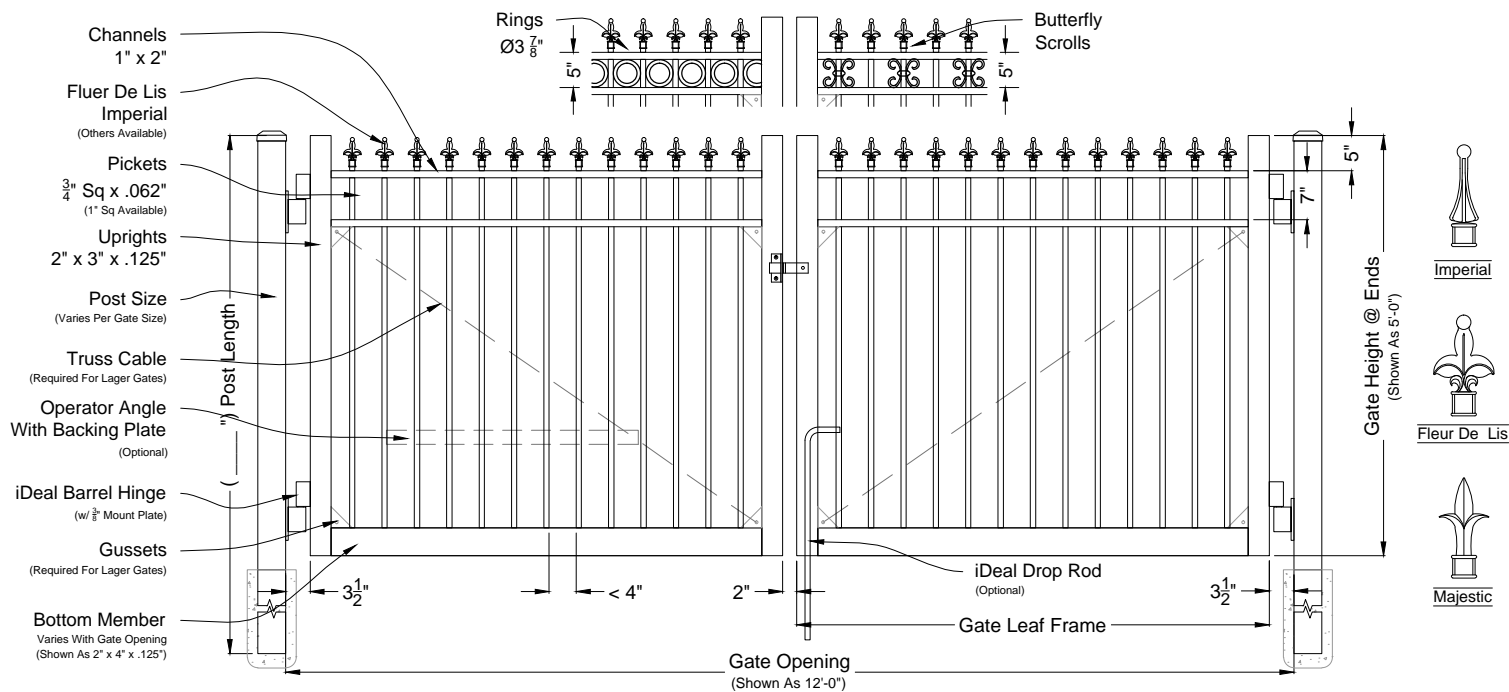
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Finials Series  
Single Swing  
Estate Gates

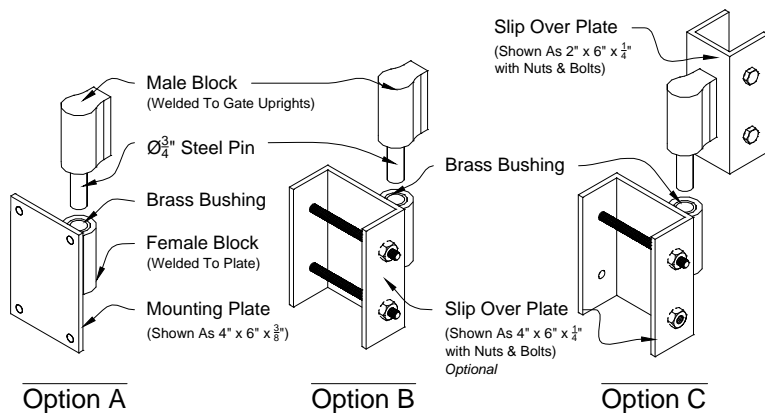
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

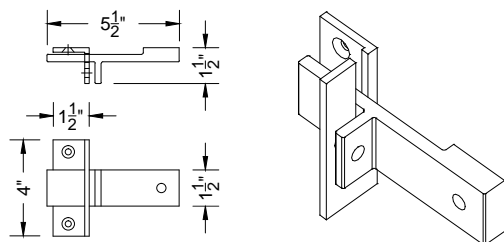
1 OF 1



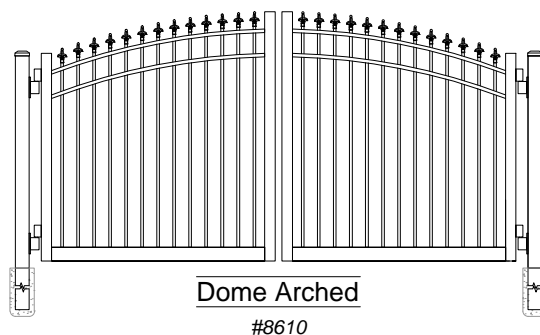
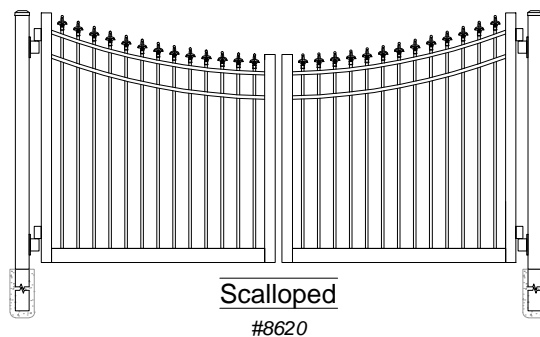
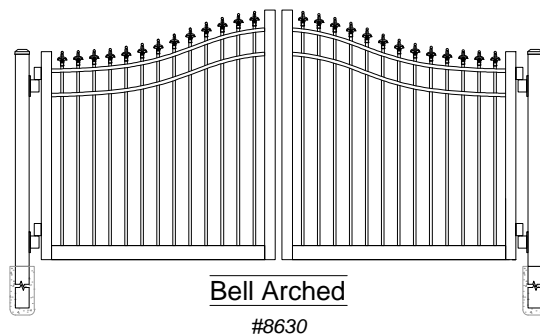
**01** **Finials #8600 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\"/>



**Finials Double Swing Estate Gate**  
Commercial

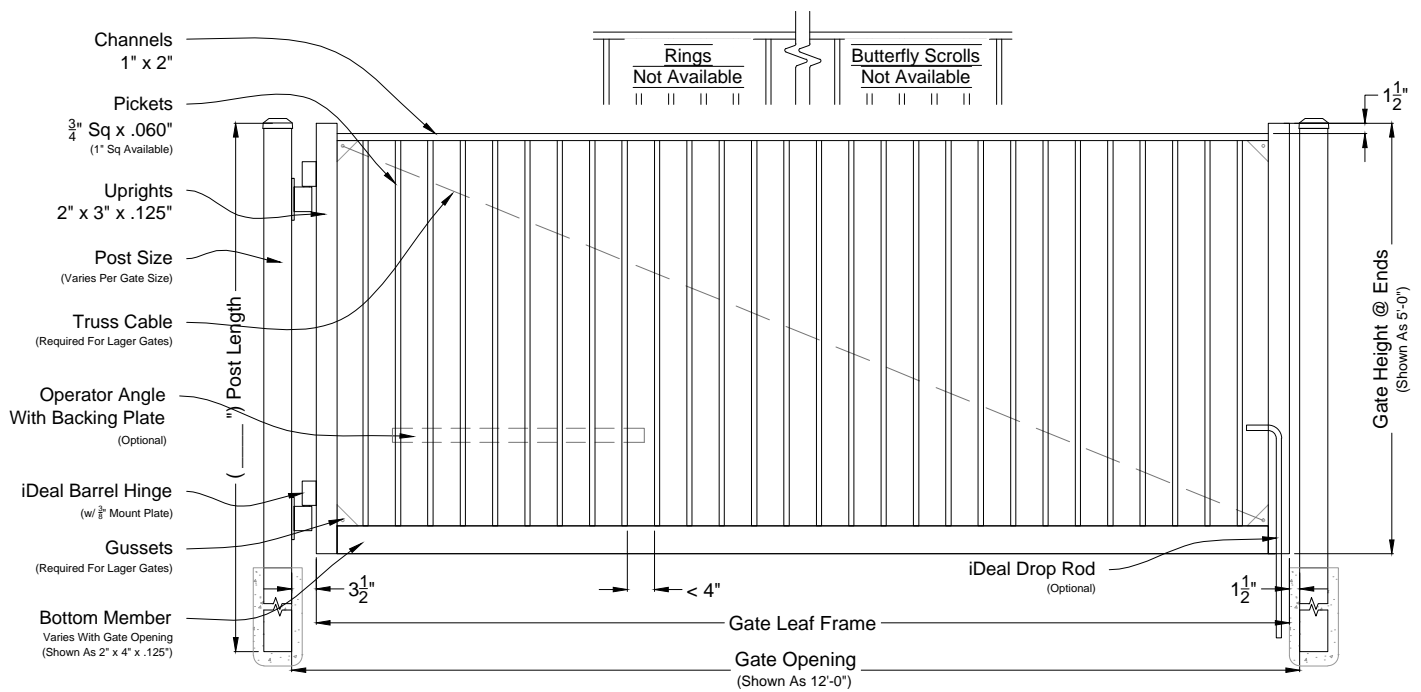


**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

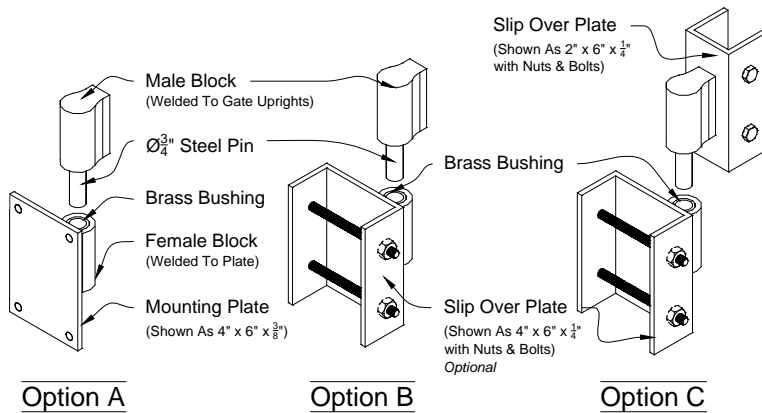
Finials Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

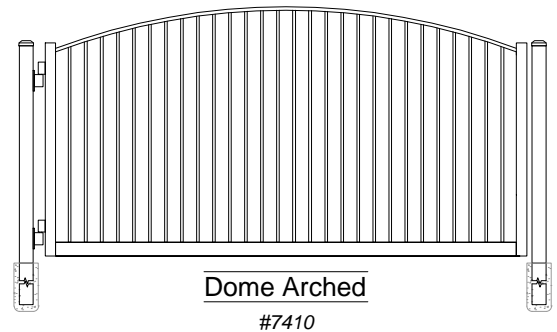
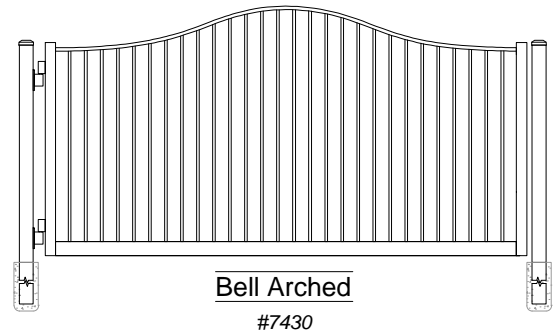
3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956



**01** **Alamo #7400 Single Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**Alamo Single Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

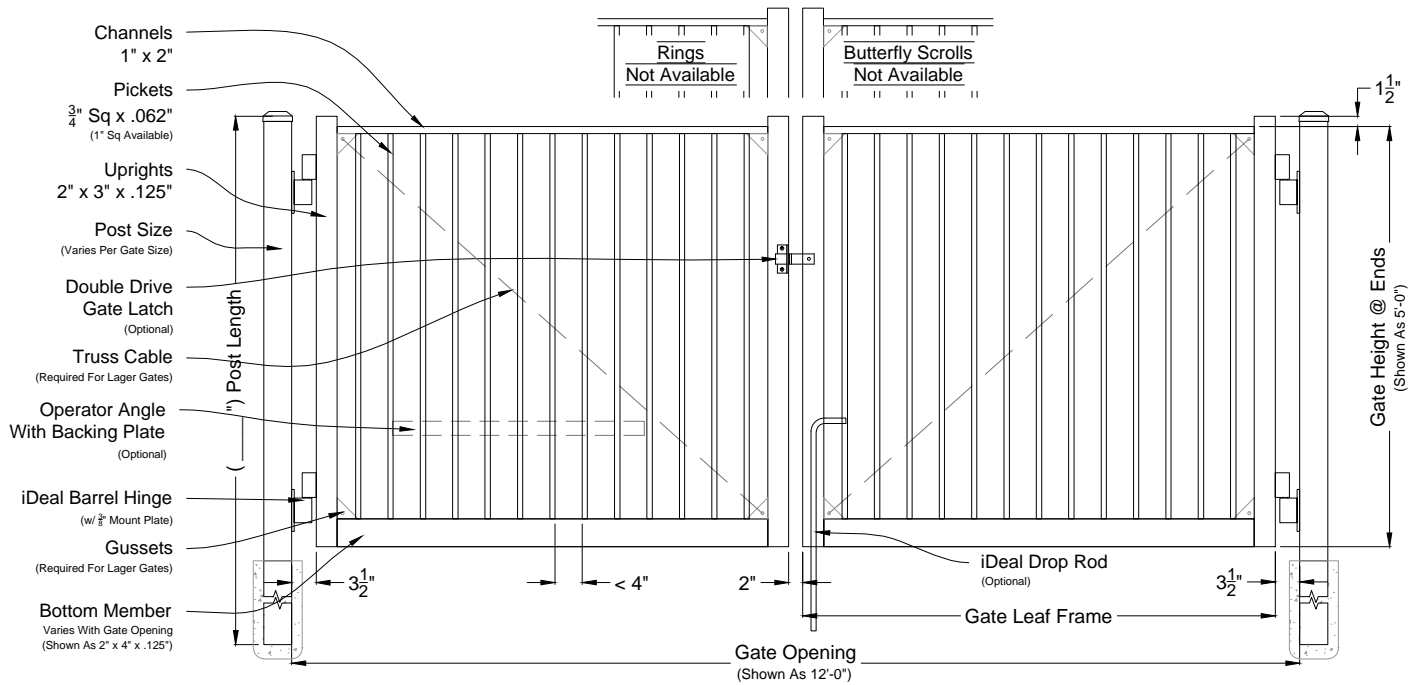
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Alamo Series  
Single Swing  
Estate Gates

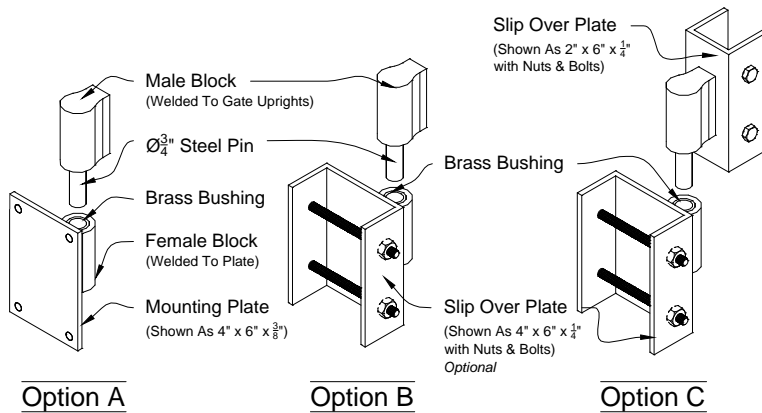
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

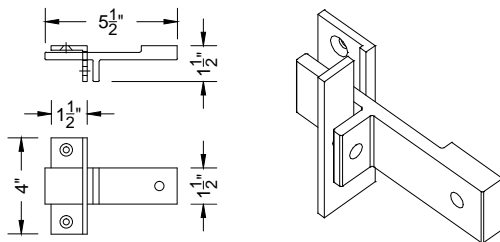
1 OF 1



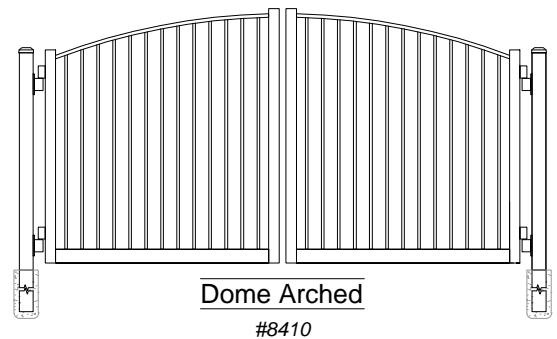
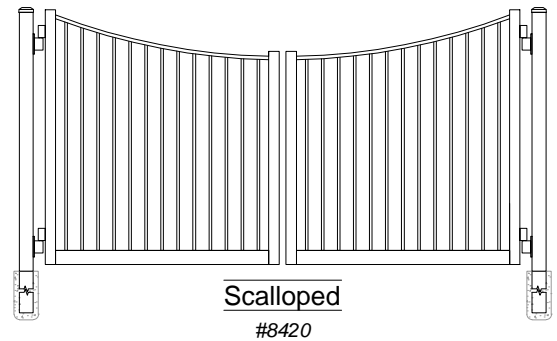
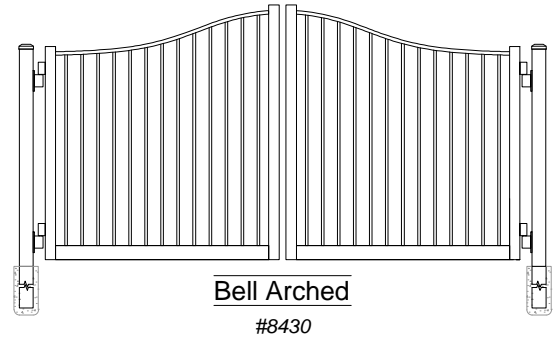
**01** **Alamo #8400 Double Swing Gate**  
Shown As Standard (Commercial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\" to 2\" Gap Scale: NTS



**Alamo Double Swing Estate Gate**  
Commercial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

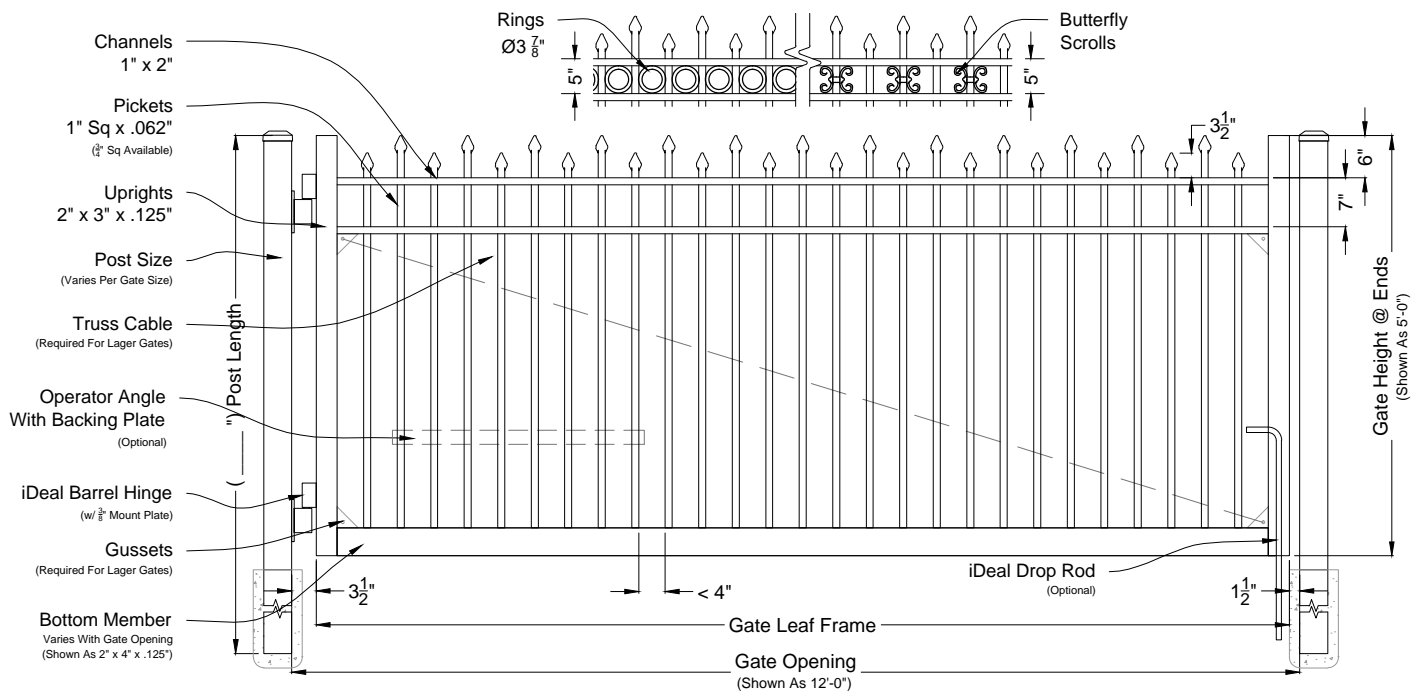
Alamo Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

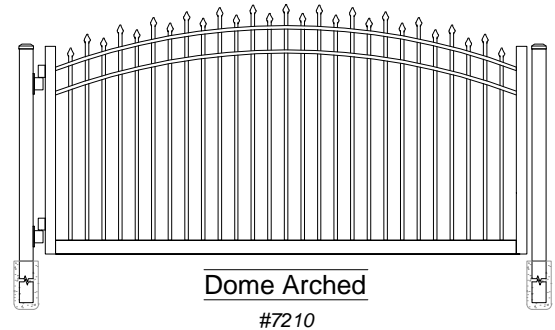
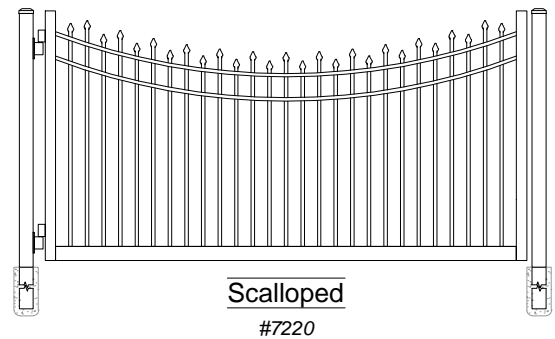
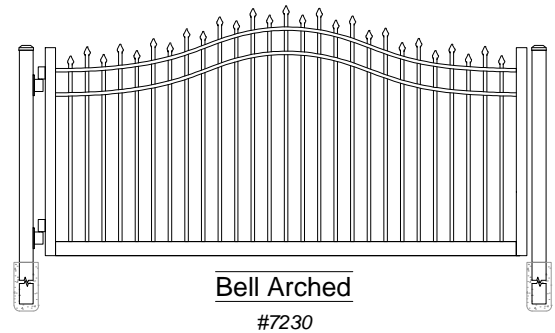
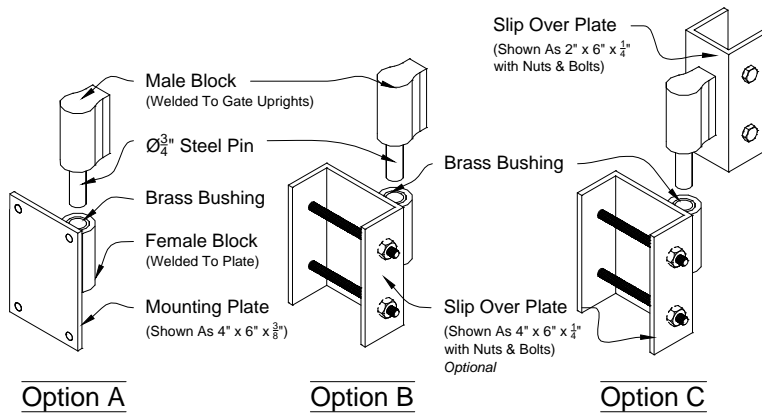
3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956

1 OF 1





**01** **Californian #7200 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Californian Single Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

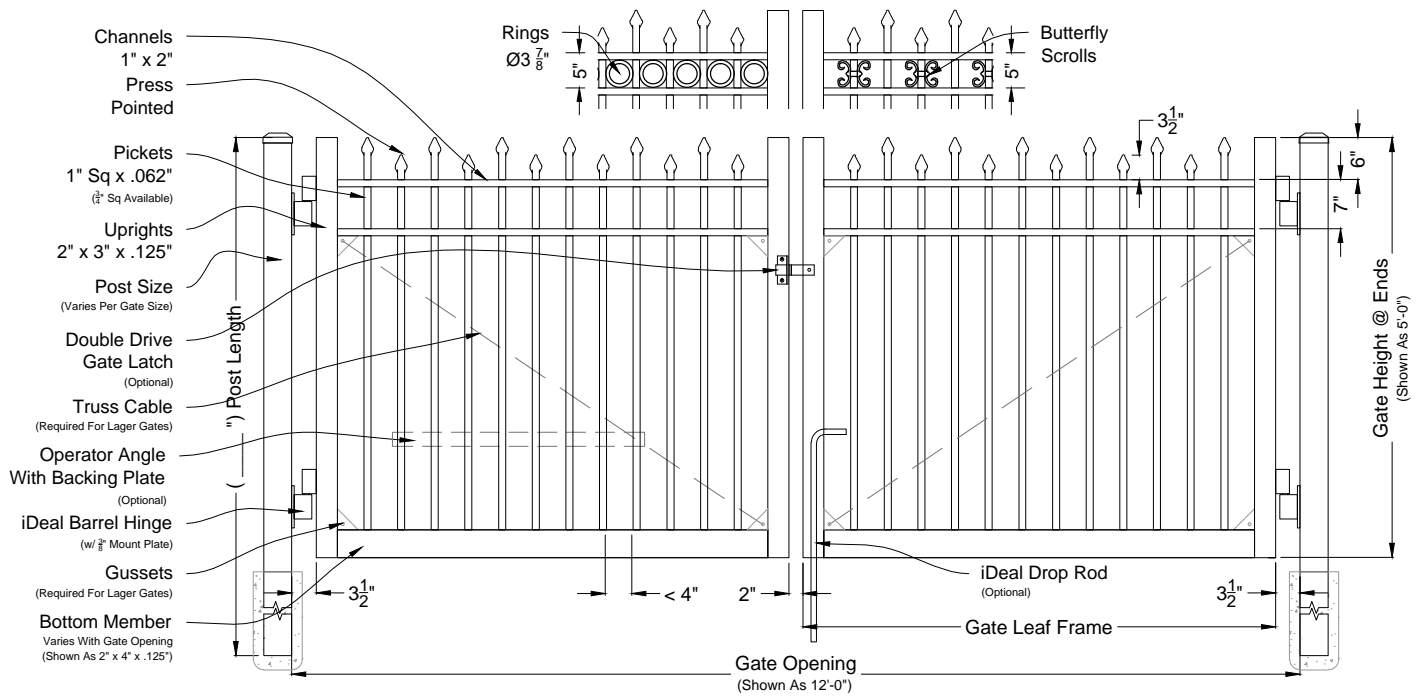
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Californian  
Series Single  
Swing Estate  
Gates

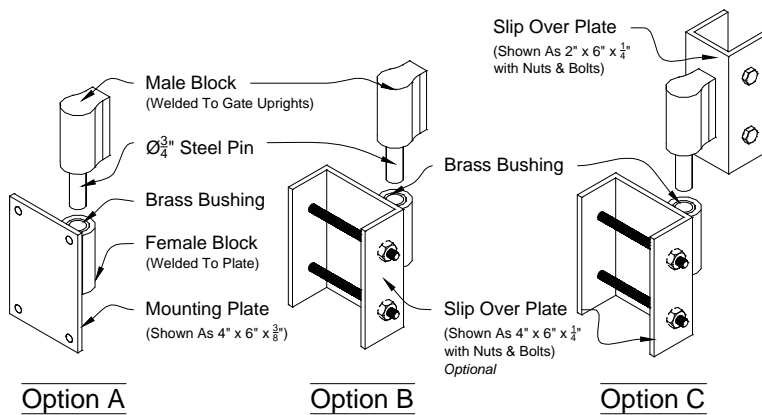
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

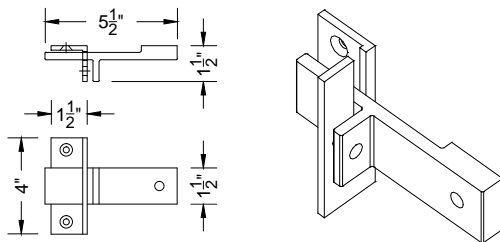
1 OF 1



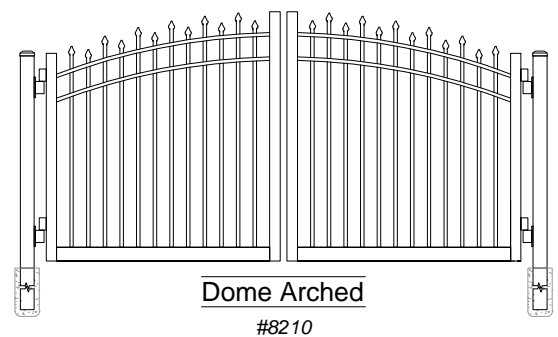
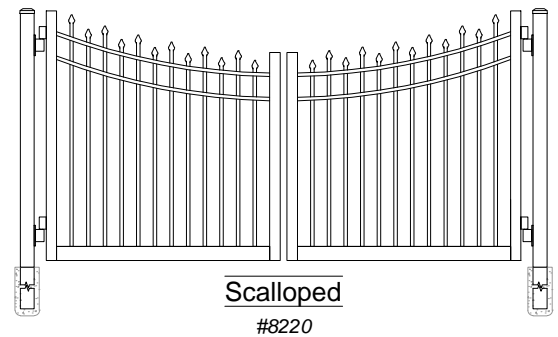
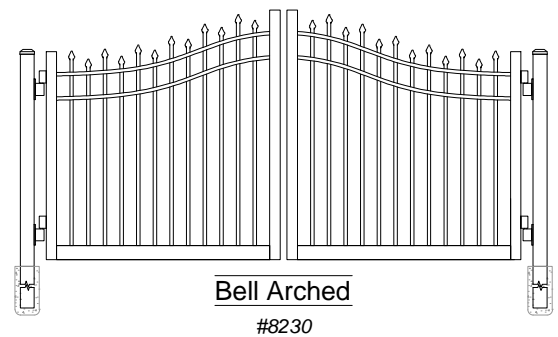
**01** **Californian #8200 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\" to 2\" Gap Scale: NTS



**Californian Double Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

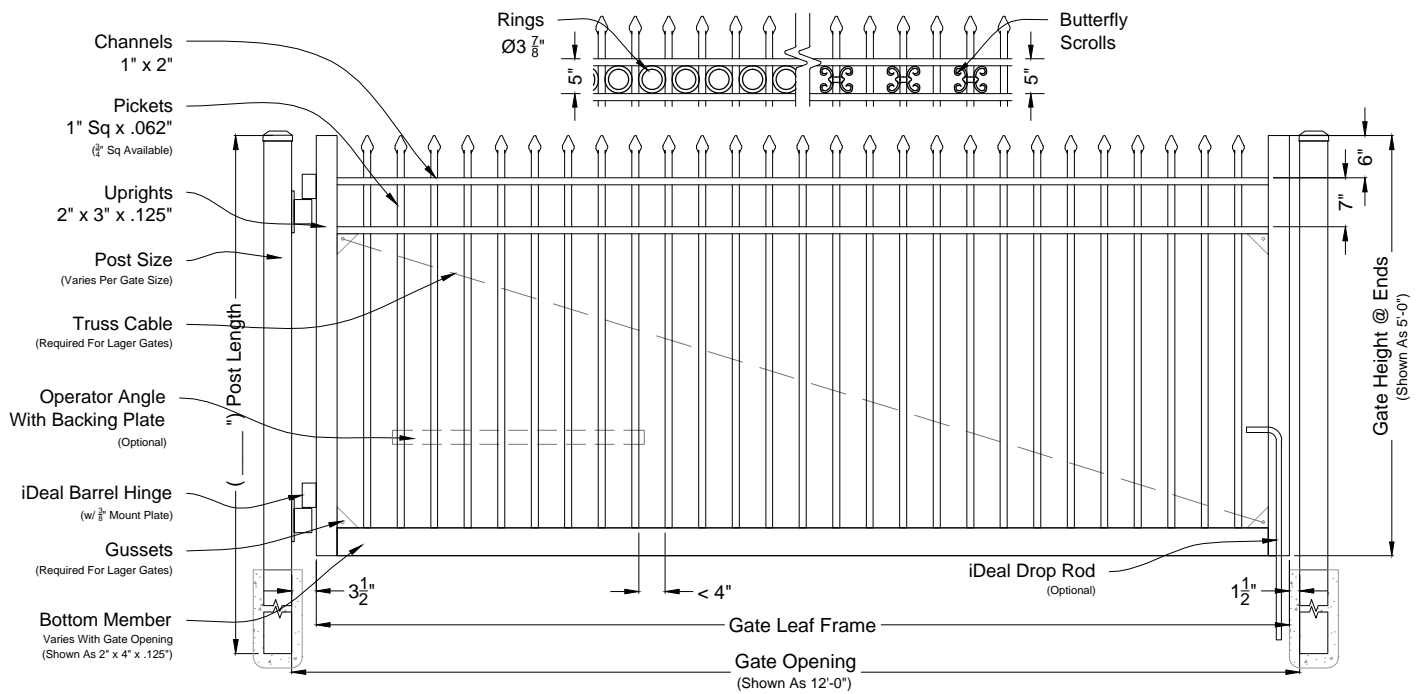
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Californian  
Series Double  
Swing Estate  
Gates

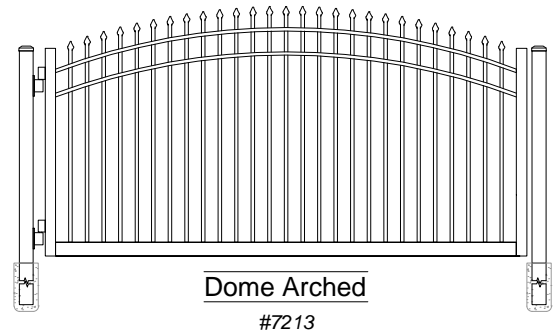
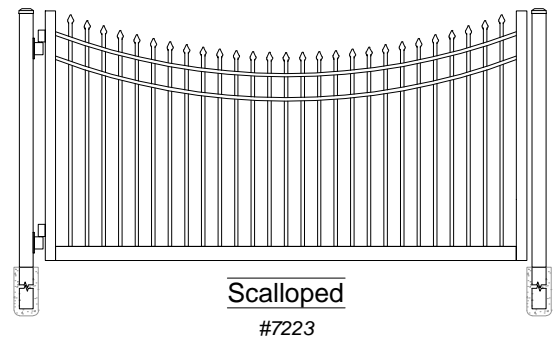
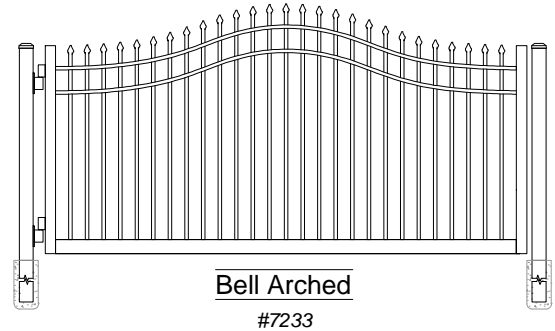
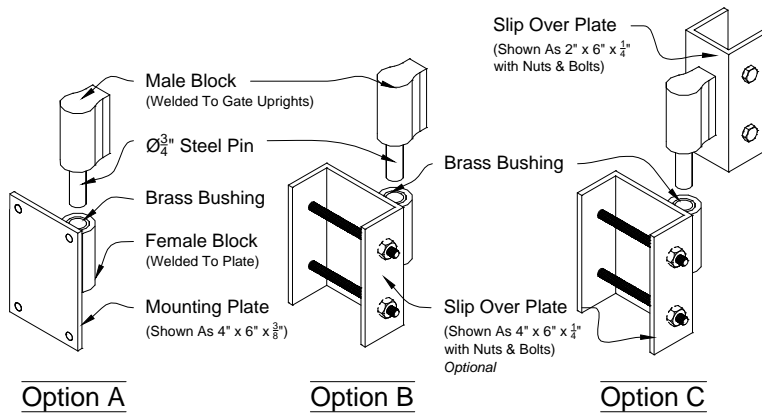
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



**01** **Maine #7203 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Maine Single Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

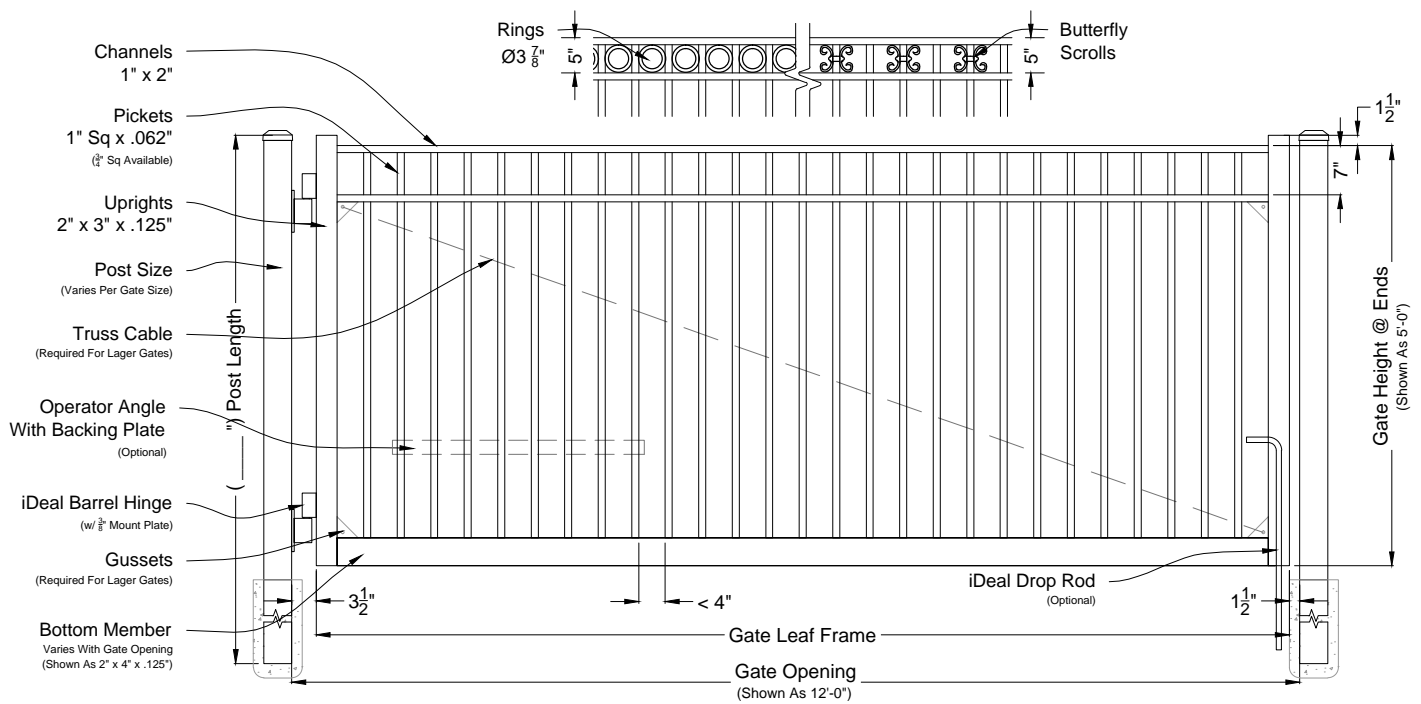
**Maine Series**  
Single Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

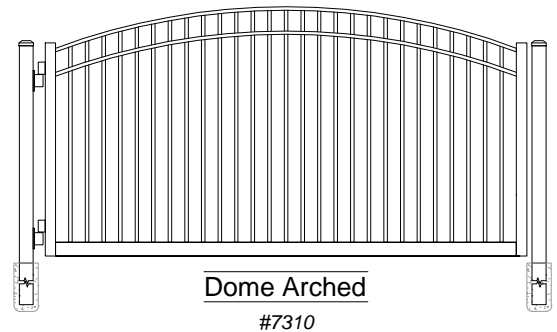
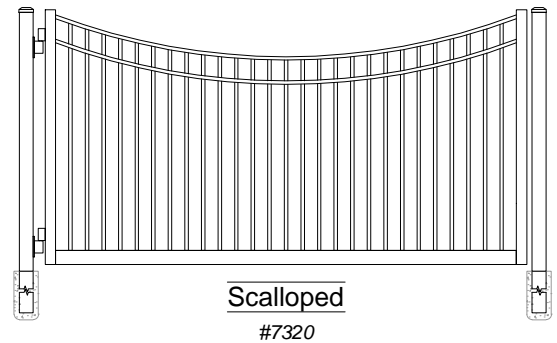
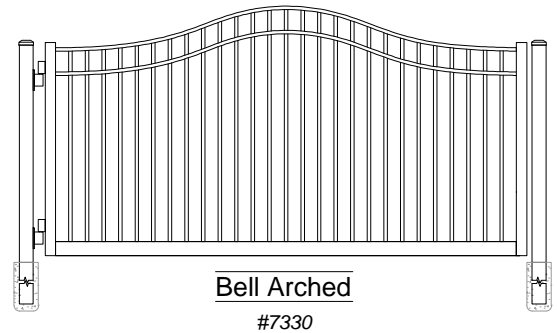
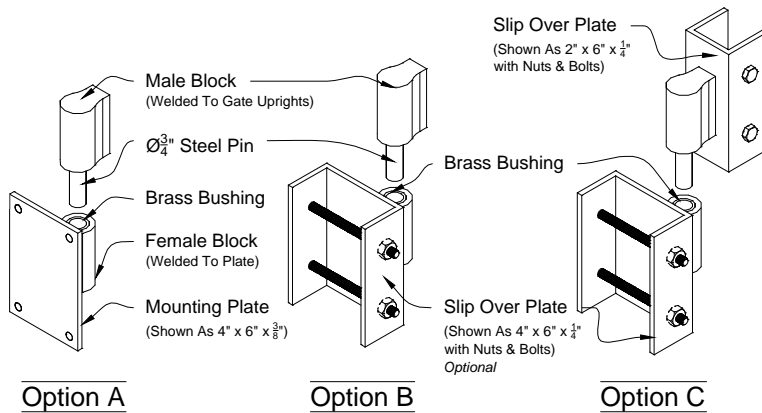
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1





**01** **Long Islander #7300 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

Long Islander Single Swing Estate Gate  
Industrial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**

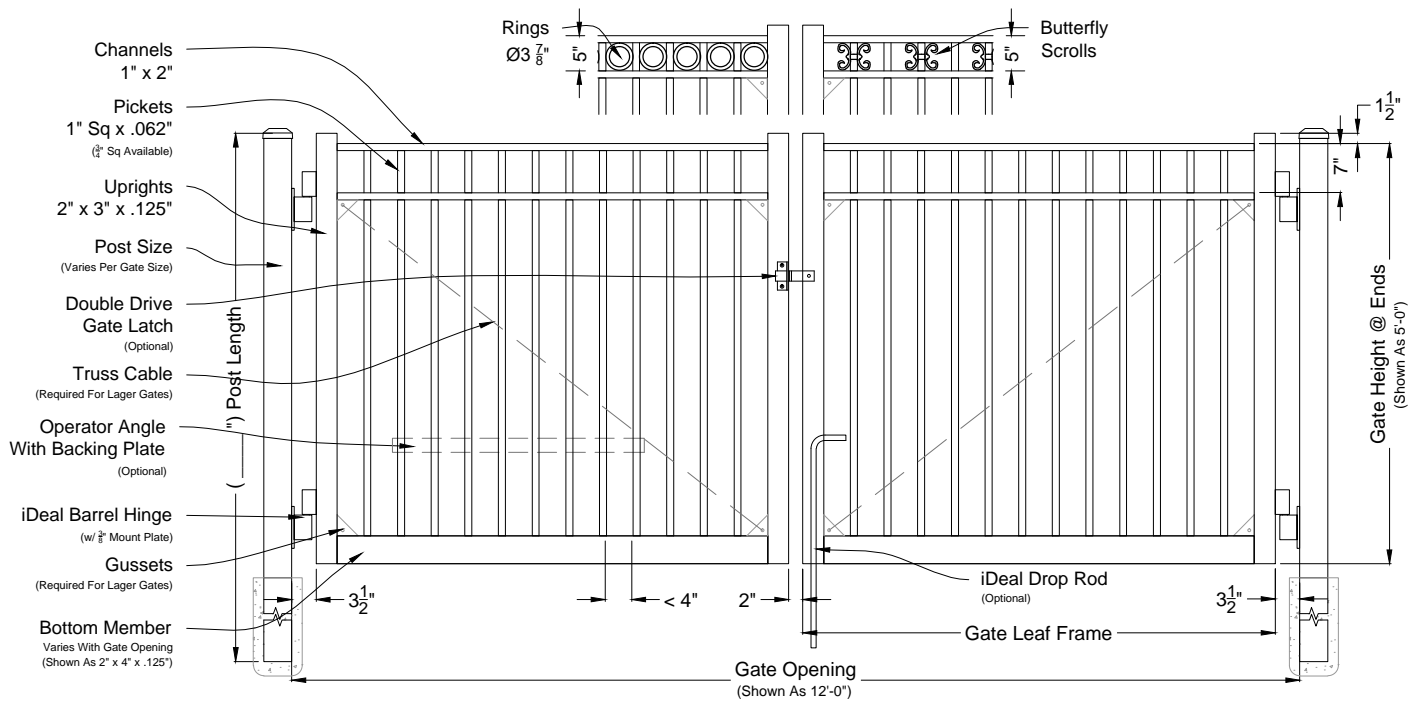
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Long Islander  
Series Single  
Swing Estate  
Gates

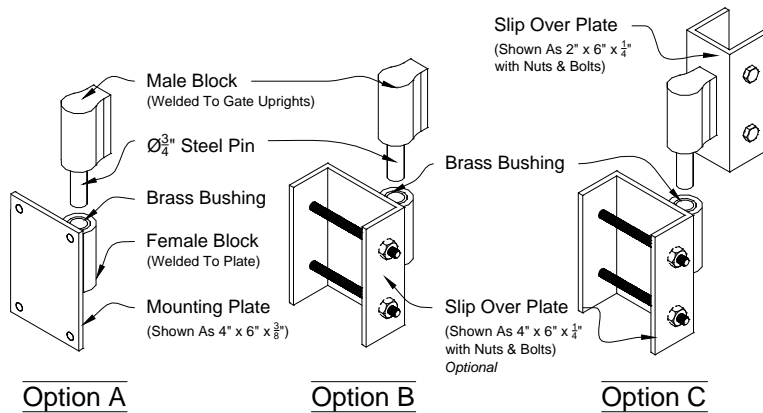
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

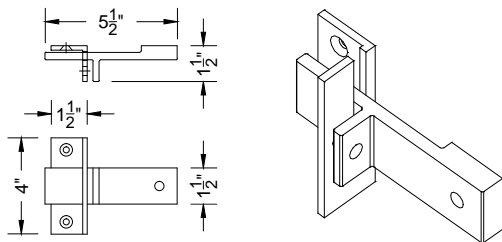
1 OF 1



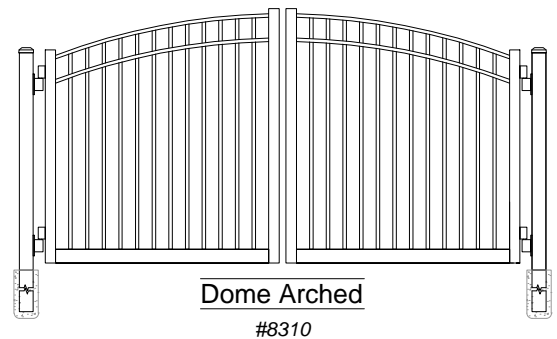
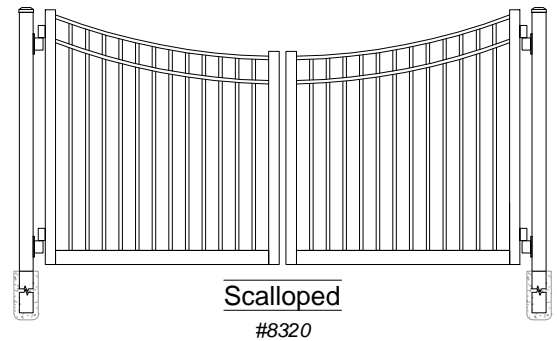
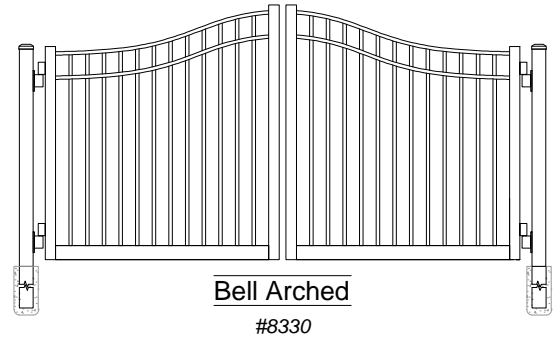
**01 Long Islander #8300 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03 iDeal Double Drive Latch**  
Fits 3/4\"/>



Long Islander Double Swing Estate Gate  
Industrial

**iDeal**  
aluminum  
fence gates railing

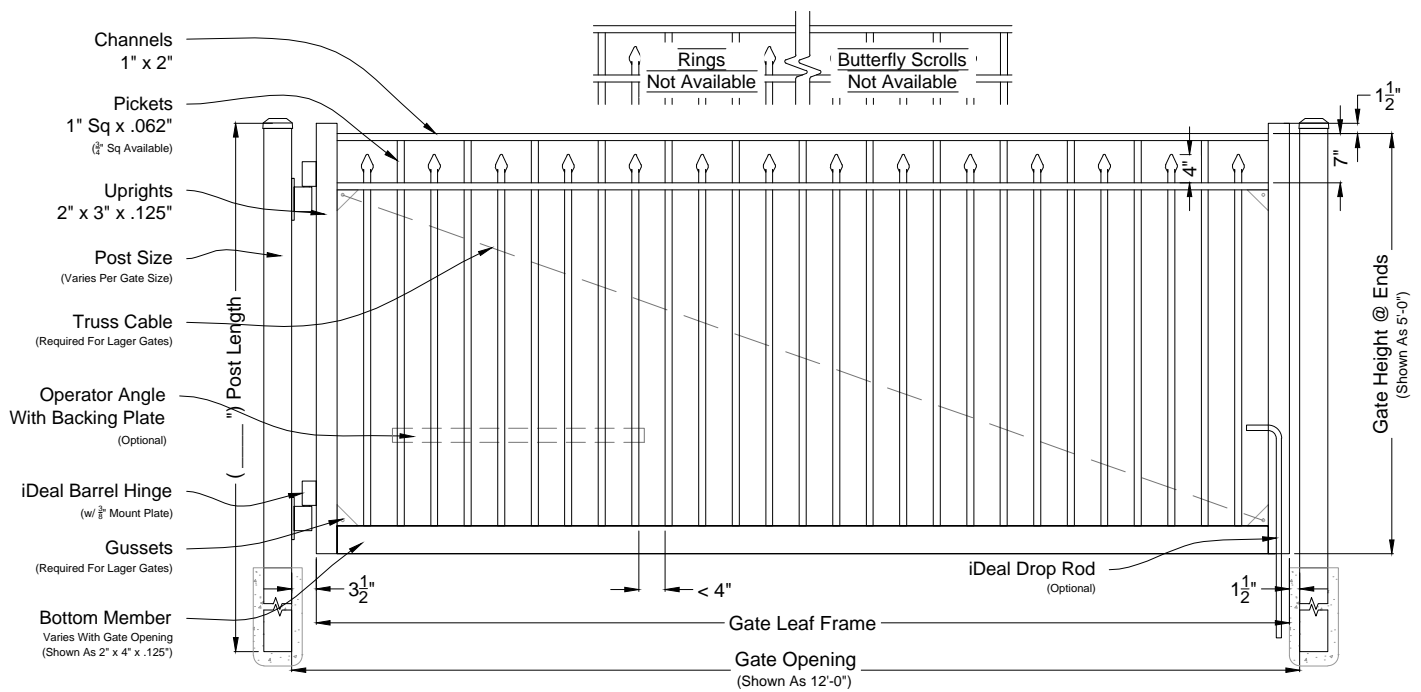
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Long Islander  
Series Double  
Swing Estate  
Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

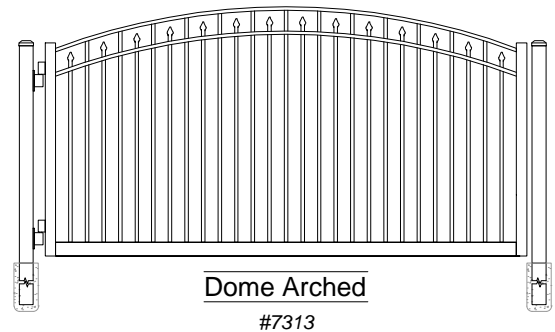
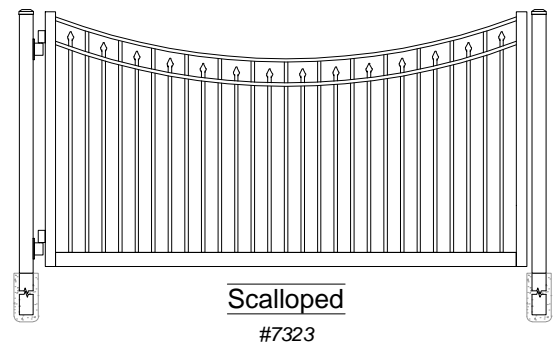
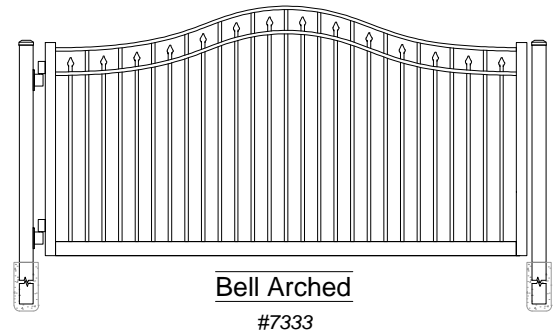
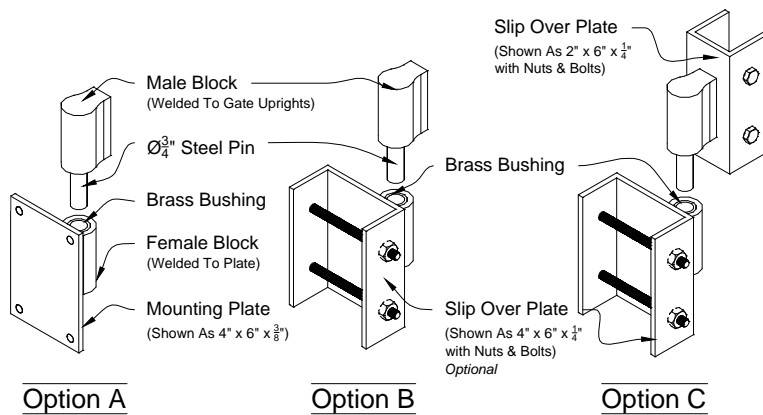
3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956

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## 01 Floridian #7303 Single Swing Gate

Shown As Standard (Industrial Series) Scale: NTS



## 02 iDeal Barrel Hinge

Custom To Fit Any Post Size Scale: NTS

Floridian Single Swing Estate Gate  
Industrial

**iDeal**  
aluminum  
fence gates railing

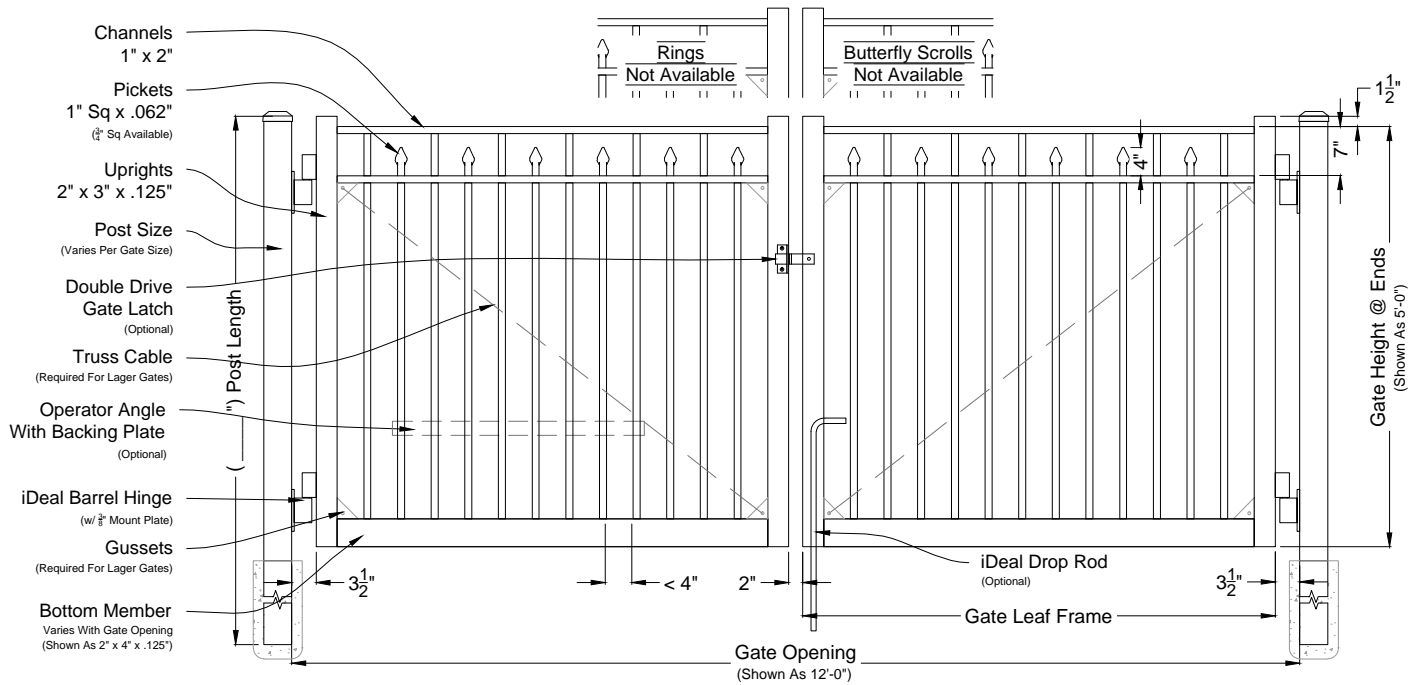
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Floridian Series  
Single Swing  
Estate Gates

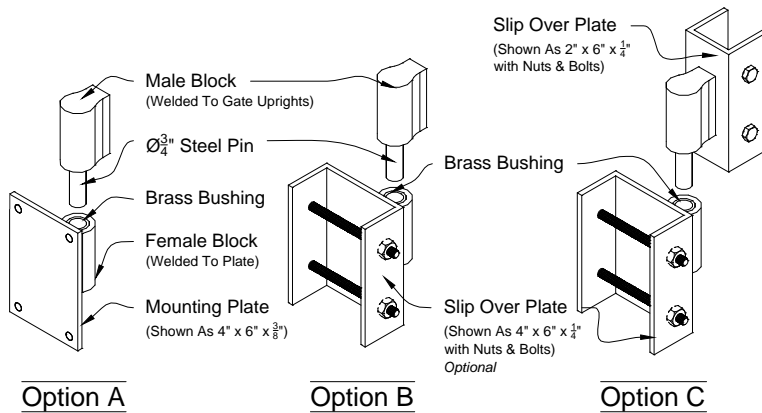
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

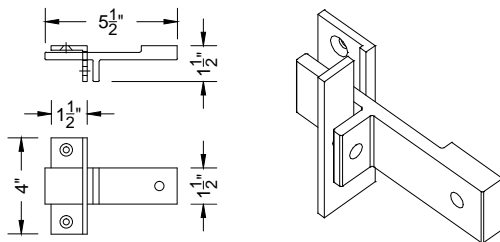
1 OF 1



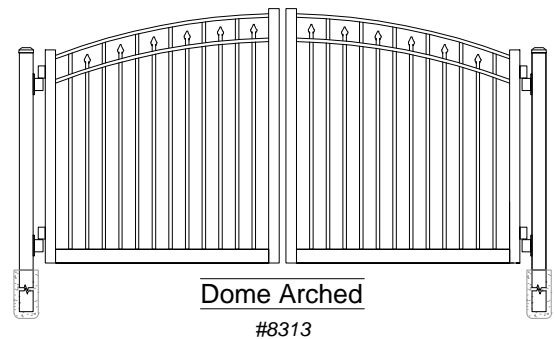
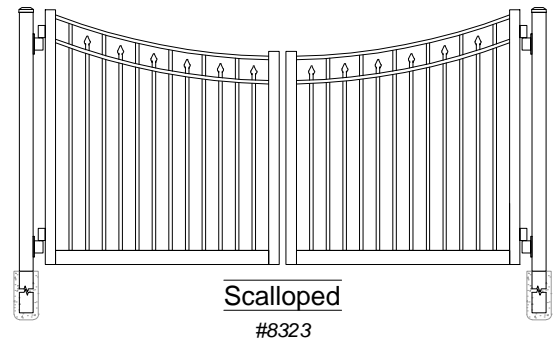
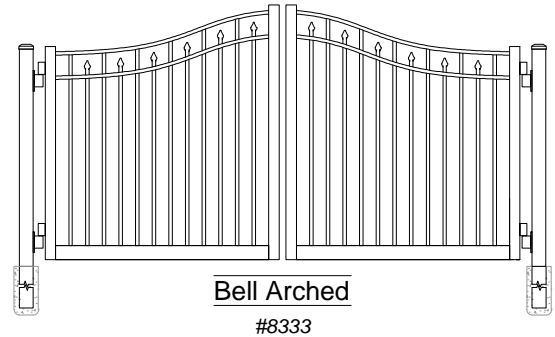
**01** **Floridian #8303 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\"/>



**Floridian Double Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Floridian Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:

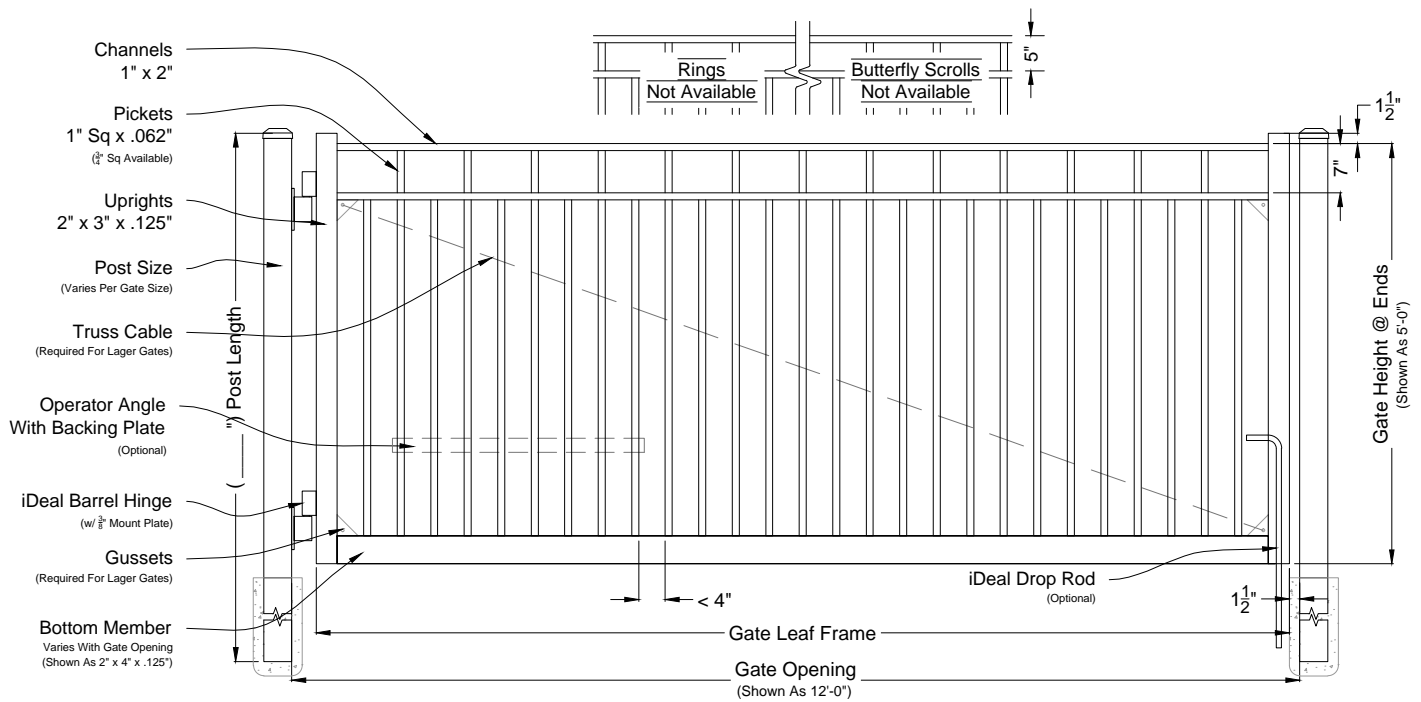
Drawn By: JMixon

Drawn Date: 15-Feb-17

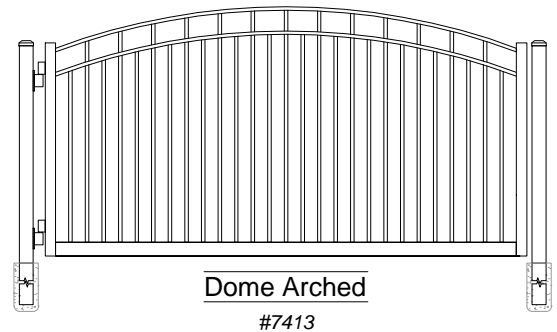
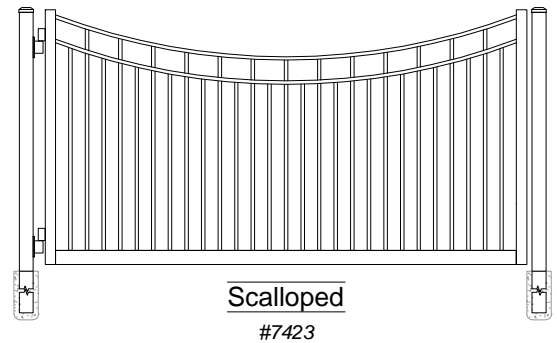
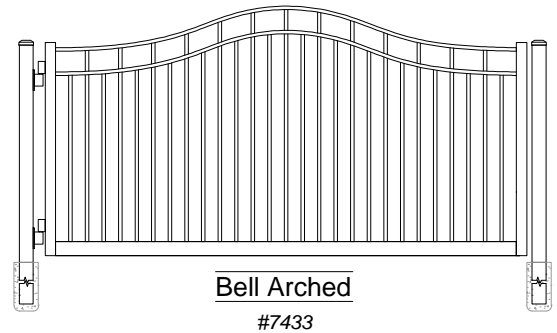
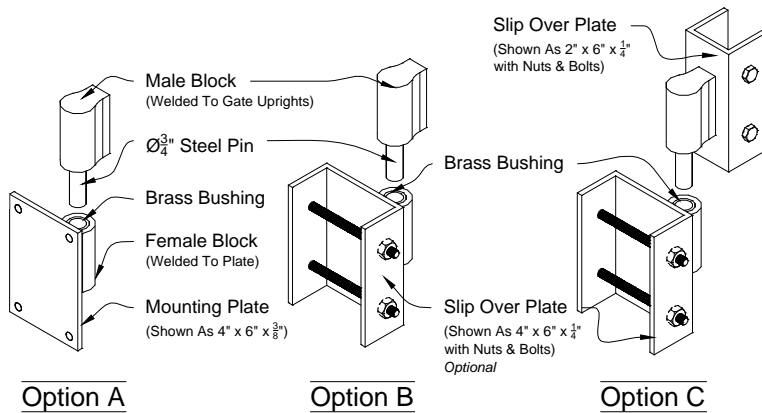
3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956

1 OF 1





**01 Carolina #7403 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Carolina Single Swing Estate Gate**  
Industrial

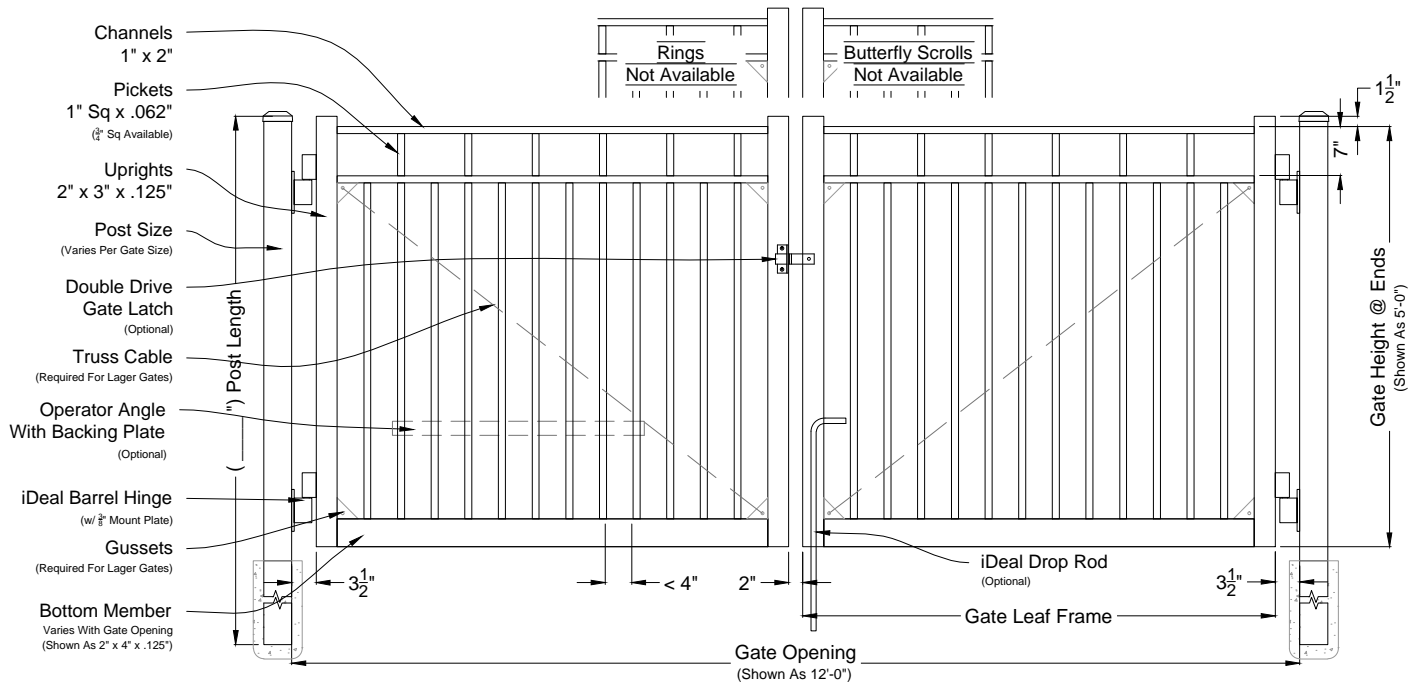


**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

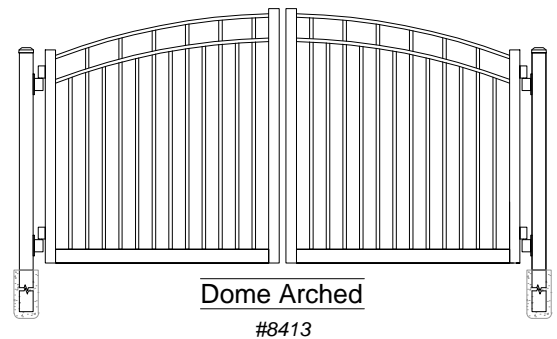
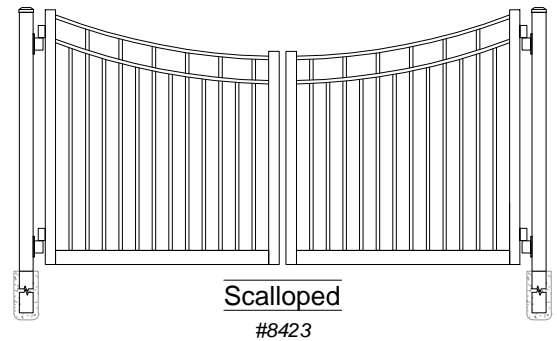
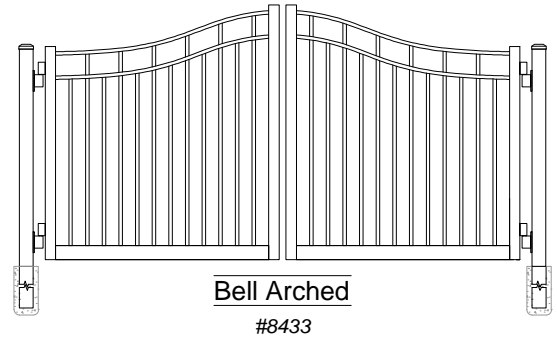
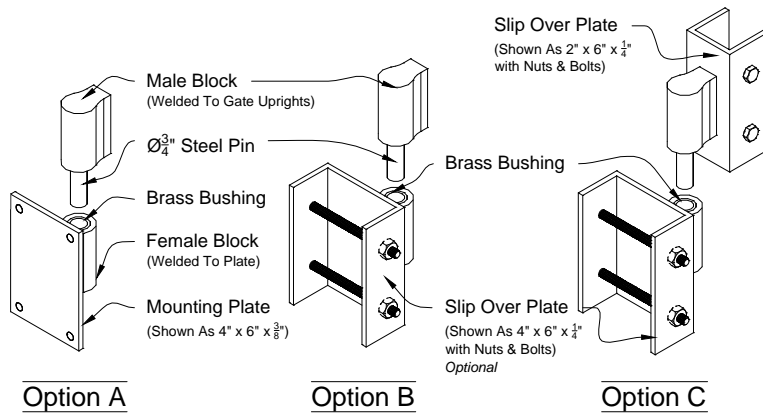
Carolina Series  
Single Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:  
Drawn By: JMixon Drawn Date: 15-Feb-17

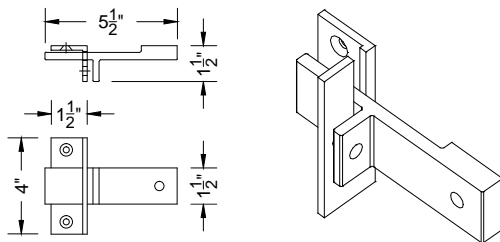
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



**01 Carolina #8403 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03 iDeal Double Drive Latch**  
Fits 3/4\"/>

**DRAWING NOTES:**

Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Carolina Series  
Double Swing  
Estate Gates

**Carolina Double Swing Estate Gate**  
Industrial

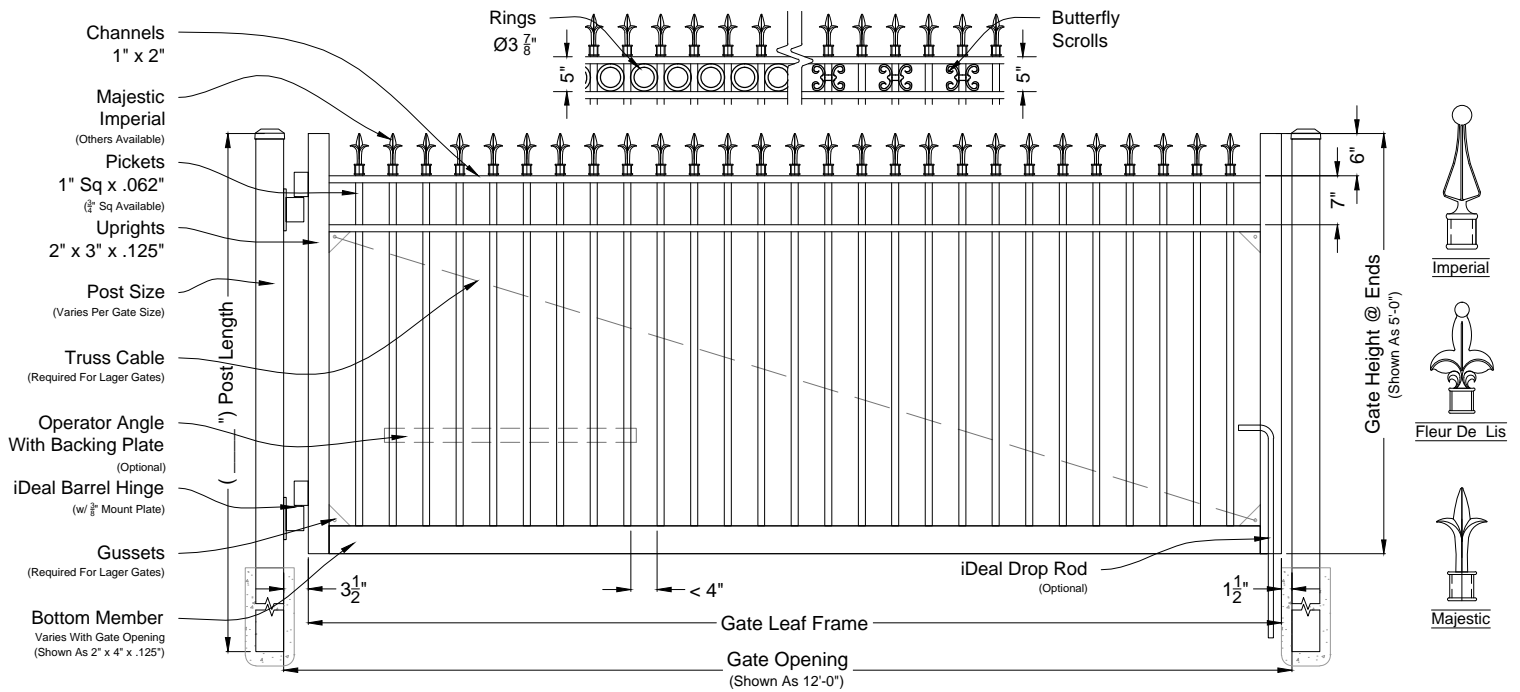
**iDeal**  
aluminum  
fence gates railing

Approved By: iDeal Aluminum Quote #:

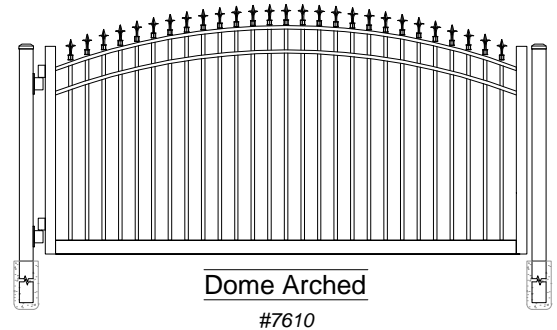
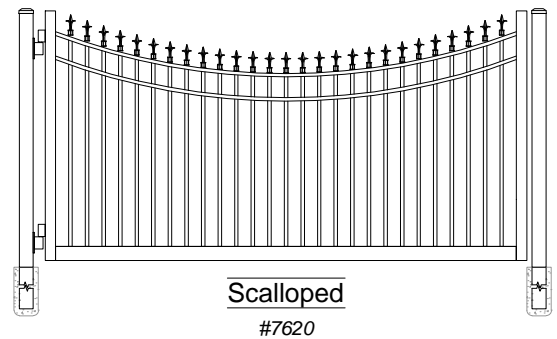
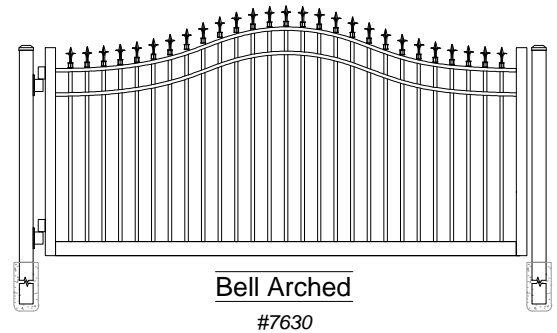
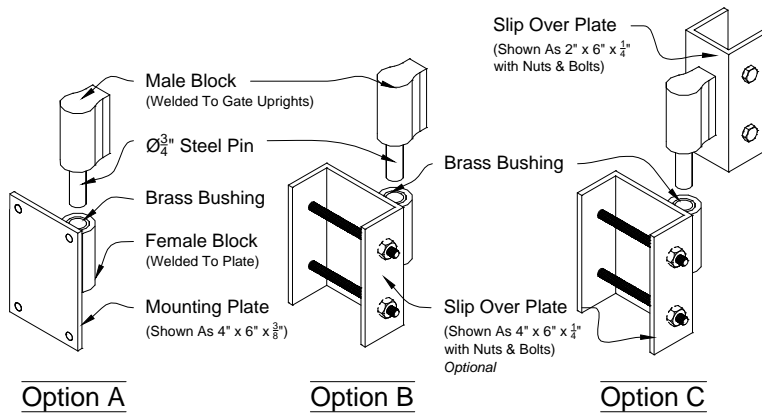
Drawn By: JMixon

Drawn Date: 15-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956



**01** **Maine #7203 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Finials Single Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

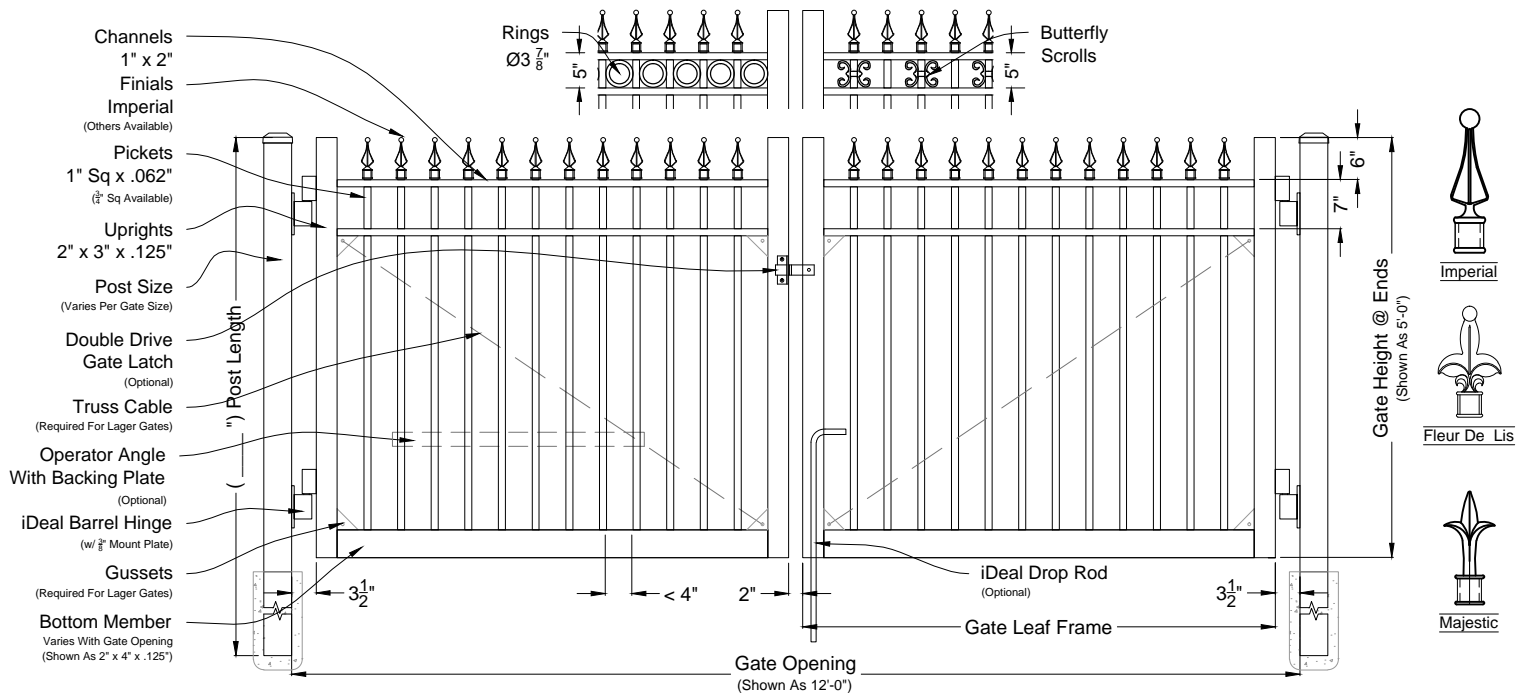
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

**Finials Series**  
Single Swing  
Estate Gates

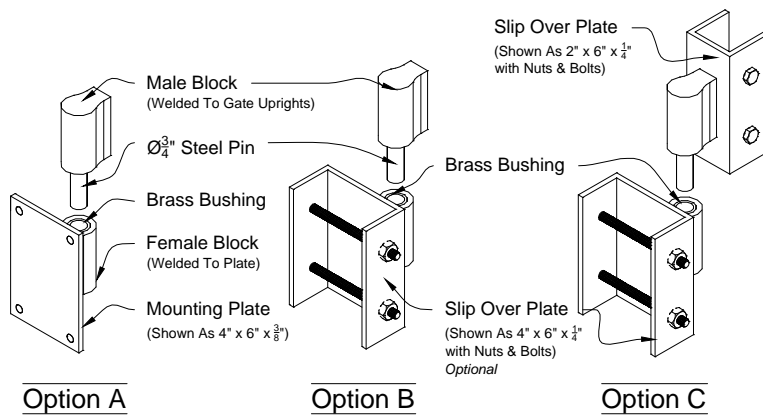
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

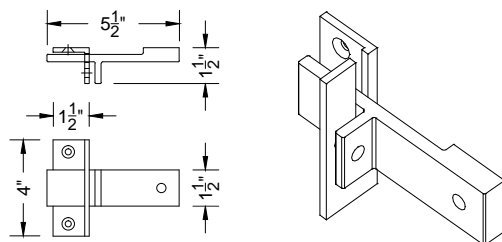
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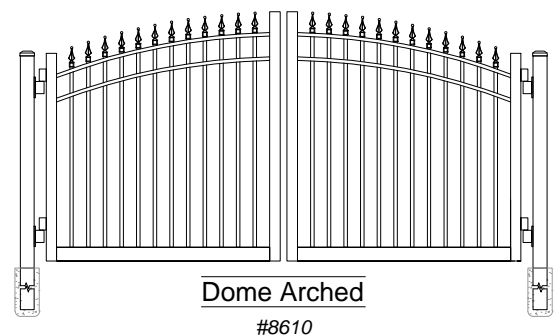
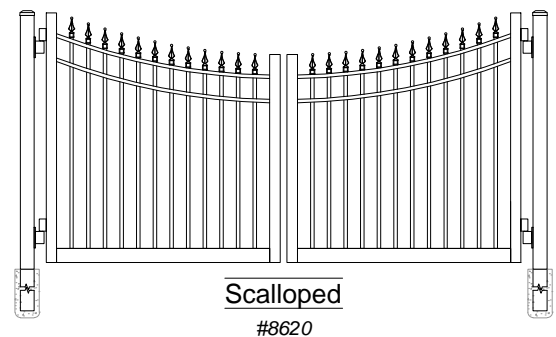
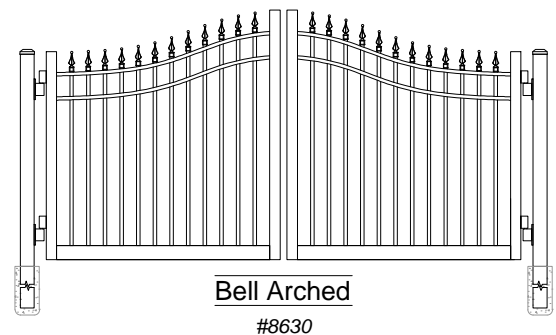
**01** **Finials #8600 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\" to 2\" Gap Scale: NTS



**Finials Double Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

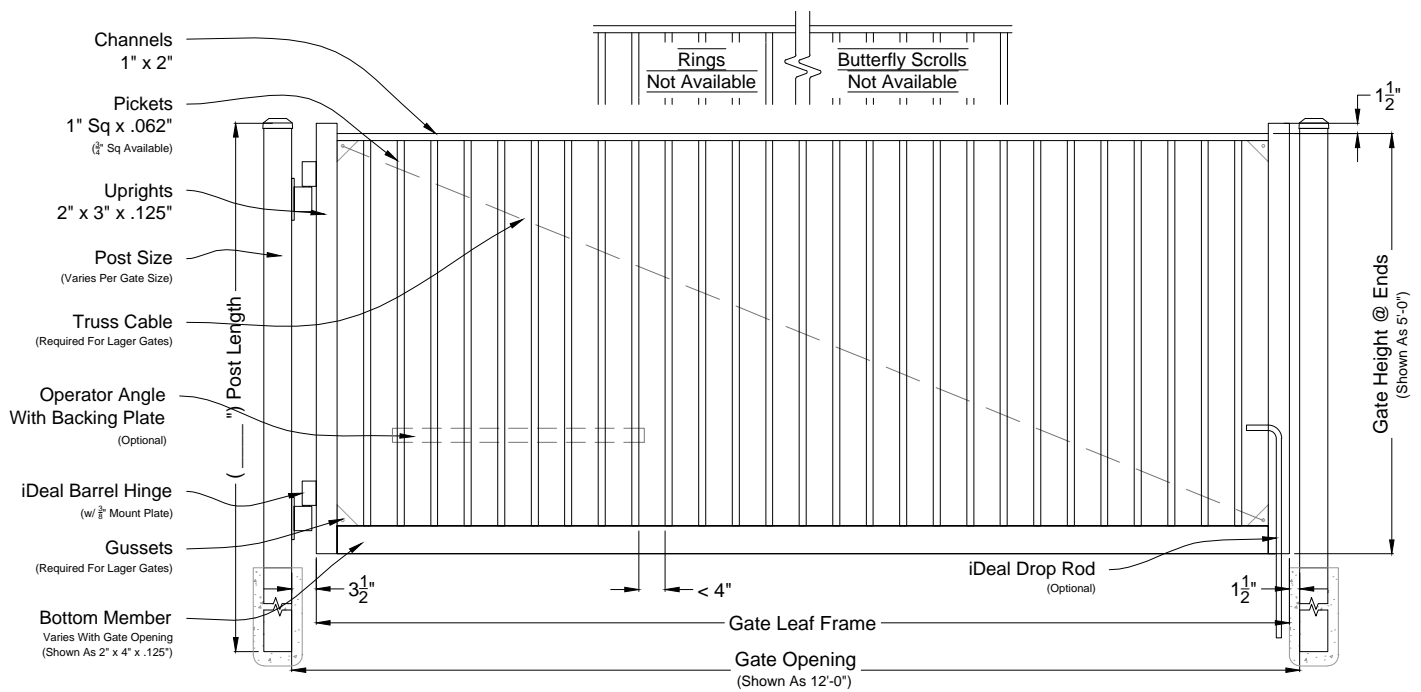
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Finials Series  
Double Swing  
Estate Gates

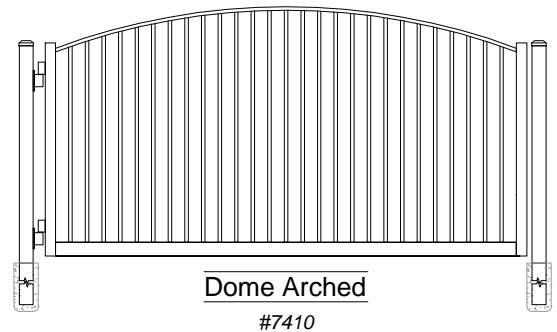
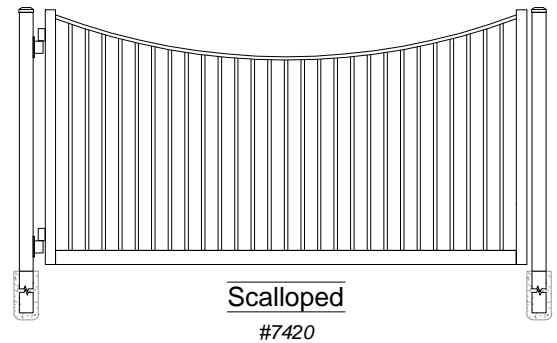
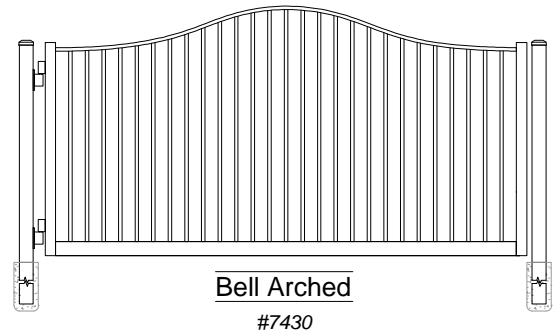
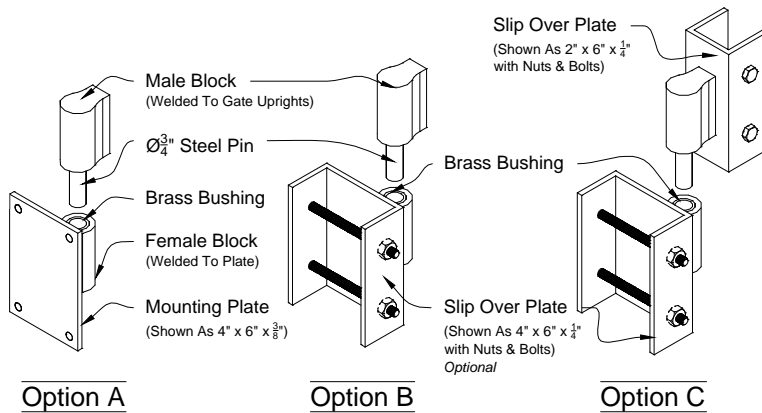
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

1 OF 1



01 **Alamo #7400 Single Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



02 **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Alamo Single Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

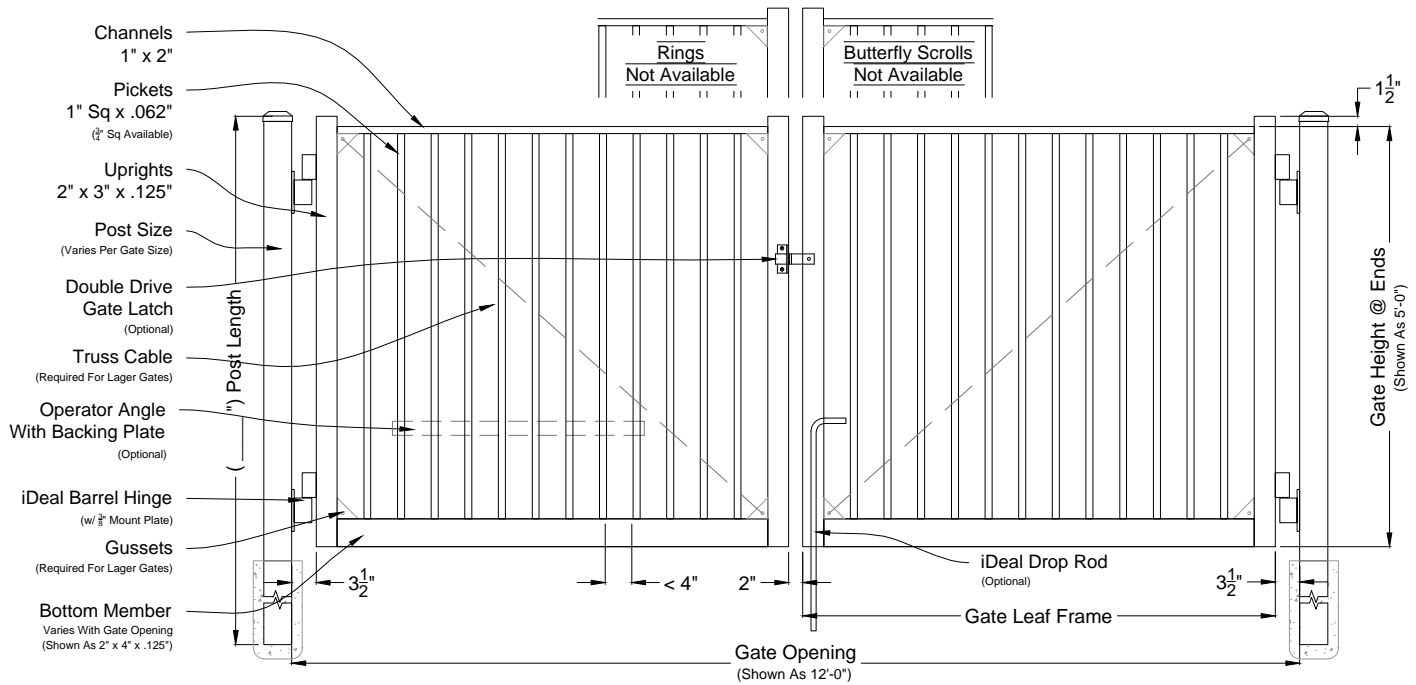
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Alamo Series  
Single Swing  
Estate Gates

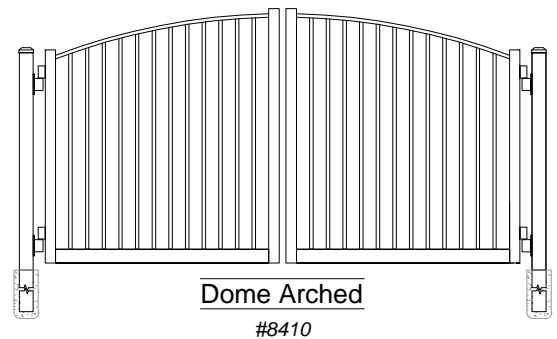
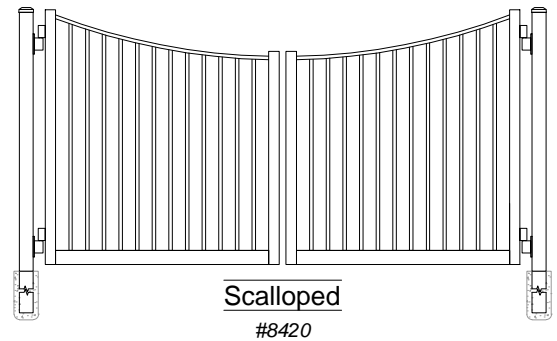
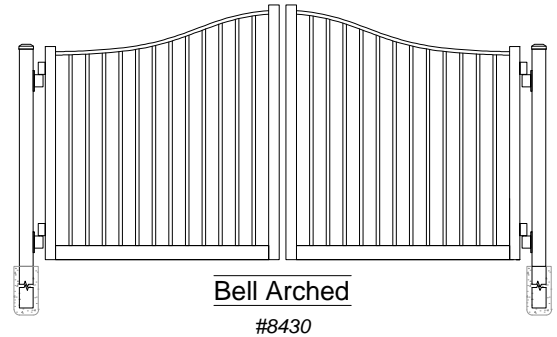
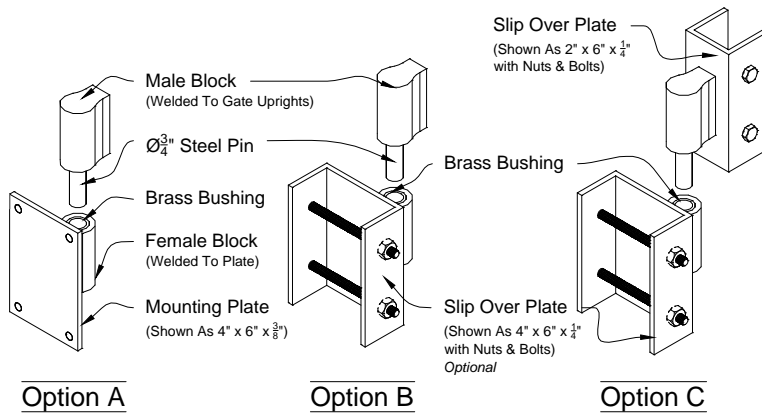
Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

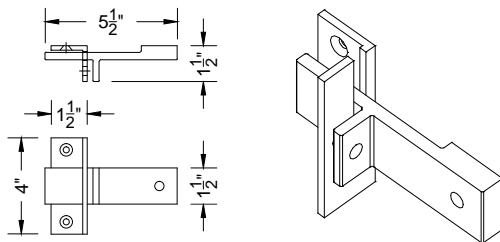
1 OF 1



**01** **Alamo #8400 Double Swing Gate**  
Shown As Standard (Industrial Series) Scale: NTS



**02** **iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS



**03** **iDeal Double Drive Latch**  
Fits 3/4\" to 2\" Gap Scale: NTS

**Alamo Double Swing Estate Gate**  
Industrial

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Alamo Series  
Double Swing  
Estate Gates

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 15-Feb-17

3200 Parker Drive Phone: 386.736.1700  
St. Augustine, FL 32084 Fax: 386.822.4956

1 OF 1

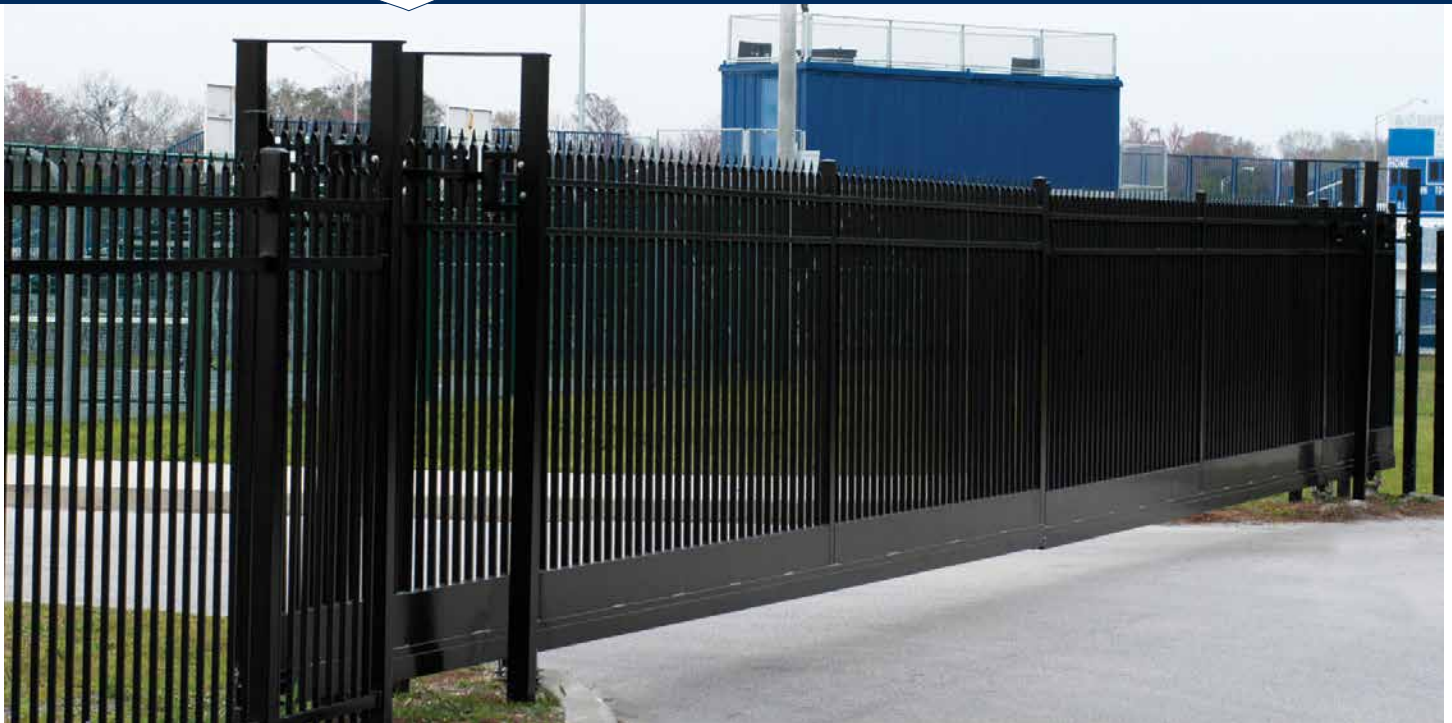


# iDeal

aluminum

## Cantilever Gates

*AVAILABLE IN BOTTOM AND TOP TRACK*





# LEADERS IN DESIGN AND CRAFTSMANSHIP



## Ideal Offers

- Bottom Track Cantilevers
- Top Track Cantilevers
- Dual Track Cantilevers
- Industrial Box Frame Cantilevers
- Chain Link and PVC Frame Cantilevers
- Privacy and Louver Cantilevers

## The Ideal Advantage

- 100% fully welded aluminum construction
- Bottom track gates only require 1/3 of the opening for the counter balance
- Easy glide track prevents deflection and exceeds load requirements
- Gates are available to meet UL 325 compliance
- All Ideal products are manufactured in the United States of America



Ideal Aluminum Products

3200 Parker Drive • St. Augustine, FL 32084 • 877.323.6496 • 877.226.4469 fax  
[www.ideal-ap.com](http://www.ideal-ap.com)





IDEAL ALUMINUM PRODUCTS DECORATIVE CANTILEVER GATES  
ARCHITECTURAL SPECIFICATION

Section 323119

**PART 1 – GENERAL**

**1.1 WORK INCLUDED**

- A. The aluminum fence and gate systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

**1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

**1.3 RELATED SECTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

**1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical for all fence products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: iDeal shall provide finish samples with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components (pickets, rails, and posts) is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire gate system shall have a limited lifetime warranty against defects in workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T5 alloy in accordance with ASTM B 221/B 221M.
- B. Fasteners: Type 302 stainless steel, self-drilling head screws. Screws shall be painted to match the finish of the fence.
- C. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware. Hinges and latches shall be fabricated from aluminum extrusions with stainless steel springs.

### **2.2 ORNAMENTAL ALUMINUM CANTILEVER GATES**

#### **A. (GRADE) (TYPE) Cantilever Gate:**

- 1. Style: (Select Style), as manufactured by iDeal Aluminum Products
- 2. Gate Opening Width: (x)
- 3. Gate Height: (x)
- 4. Pickets: (x) inch by (x) inch
- 5. Support Post or A-Frame: (x) inch by (x) inch by .250 inch by (x) inch long
- 6. Color: iDeal Aluminum Products standard (COLOR )
  - a. Meets AAMA 2604
- 7. Included Accessories:
  - a. Truck Assembly
  - b. Guide Rollers
  - c. Offset V-Catch Receiver
  - d. Stop Bolt

## **2.3 FABRICATION**

- A. Horizontal Rails: Rails shall be “U” channels. Pickets shall pass through holes punched in the top rail. The number of rails shall vary with the style, height, and strength of the fence system according to manufacturer’s specifications.
- B. Pickets: Pickets shall be fastened to the rails using stainless steel tek screws painted to match the color of the fence. Screws shall be used on only one side of the rail leaving the other side with a clean appearance.
- C. Posts: Posts shall be pre-punched to allow the Horizontal rails to slide in and be attached with stainless steel tek screws. Cast aluminum post caps shall be affixed to all posts. Post size and wall thickness shall be based on manufacturers’ recommendations. A gate requires a gate post on both sides.
- D. Finish: The fence and gate systems shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.

- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Fence posts shall be set in accordance with the manufacturer recommended spacing.
- D. Insert fence horizontal rail end into pre-punched posts and fasten with Tek screws
- E. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.
- F. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- G. Division 2 and Division 3 Sections shall govern post base material requirements.
- H. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- I. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- J. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- K. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

### **3.4 CLEANING**

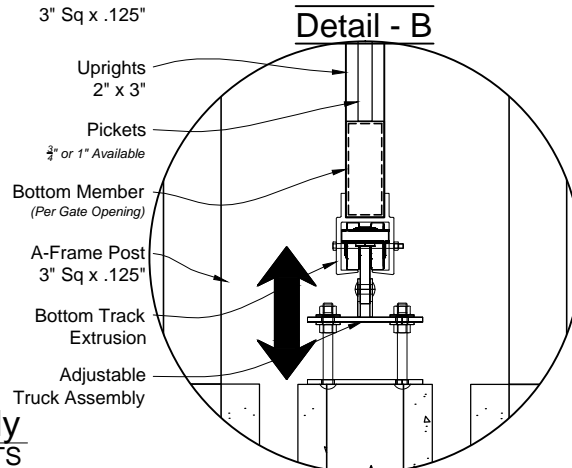
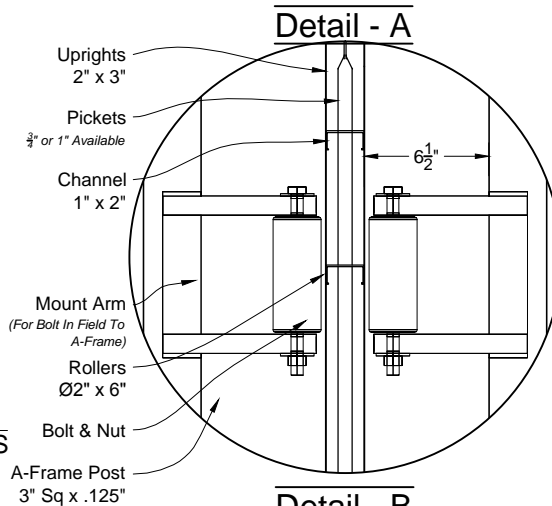
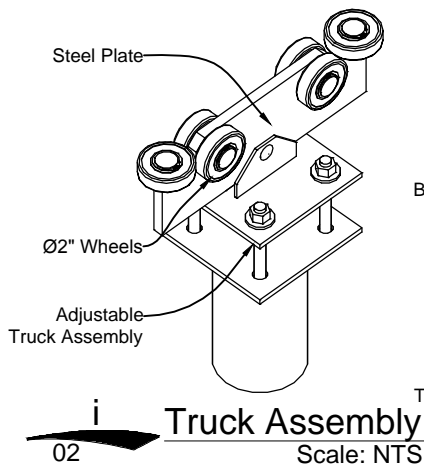
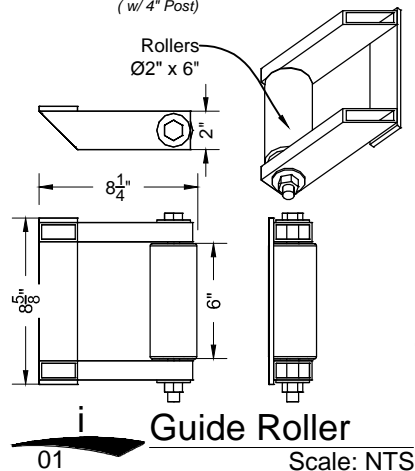
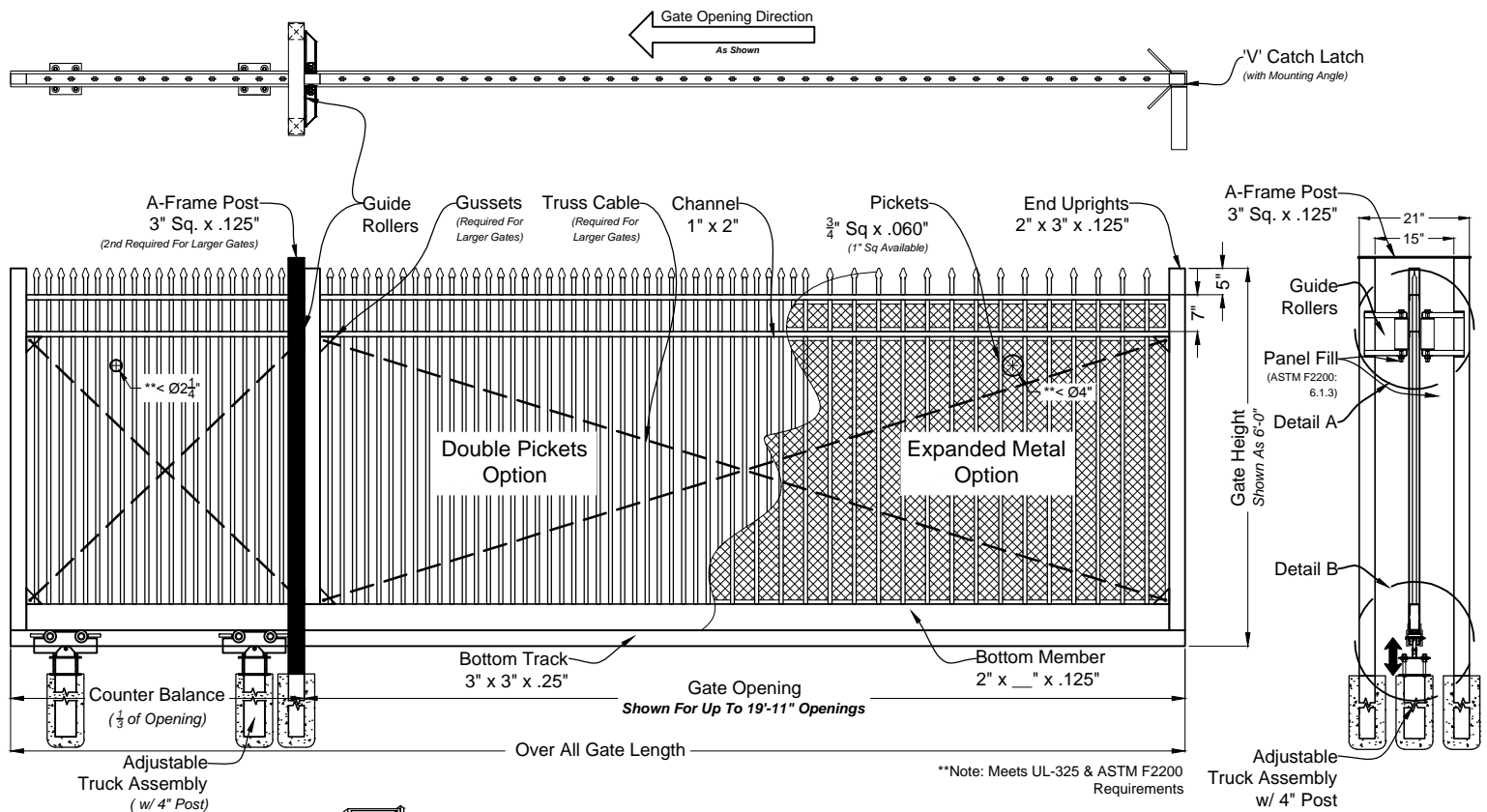
- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean fence with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other fencing material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.

- E. Touch up scratched surfaces using materials recommended by manufacturer.  
Match touchup paint color to fence finish.

### **3.5 PROTECTION**

- F. Protect installed products until completion of project.
- G. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



## iDeals Bottom Track Cantilever Gate:

Ideal is the industry leader in bottom track cantilever gates. The Ideal bottom track cantilever gate offers distinct advantages over typical cantilever gates.

Our bottom track gate only requires 1/3 of the opening for the counter balance as opposed to 1/2 of the opening on a top track.

The weight of the gate falls naturally from the bottom of the gate to the truck assembly as opposed to hanging on the side of the gate like a top track. This results in less pressure on the track.

The truck assemblies allow for easy adjustment in the field.

Easy guide track minimizes sag and deflection

All of Ideals gates are fully welded out of heavy duty 6063-T5 structural aluminum and custom made to fit your exact opening.

## Bottom Track Cantilever Gate Shown As 203 Maine Style

**iDeal**  
aluminum  
fence gates railing

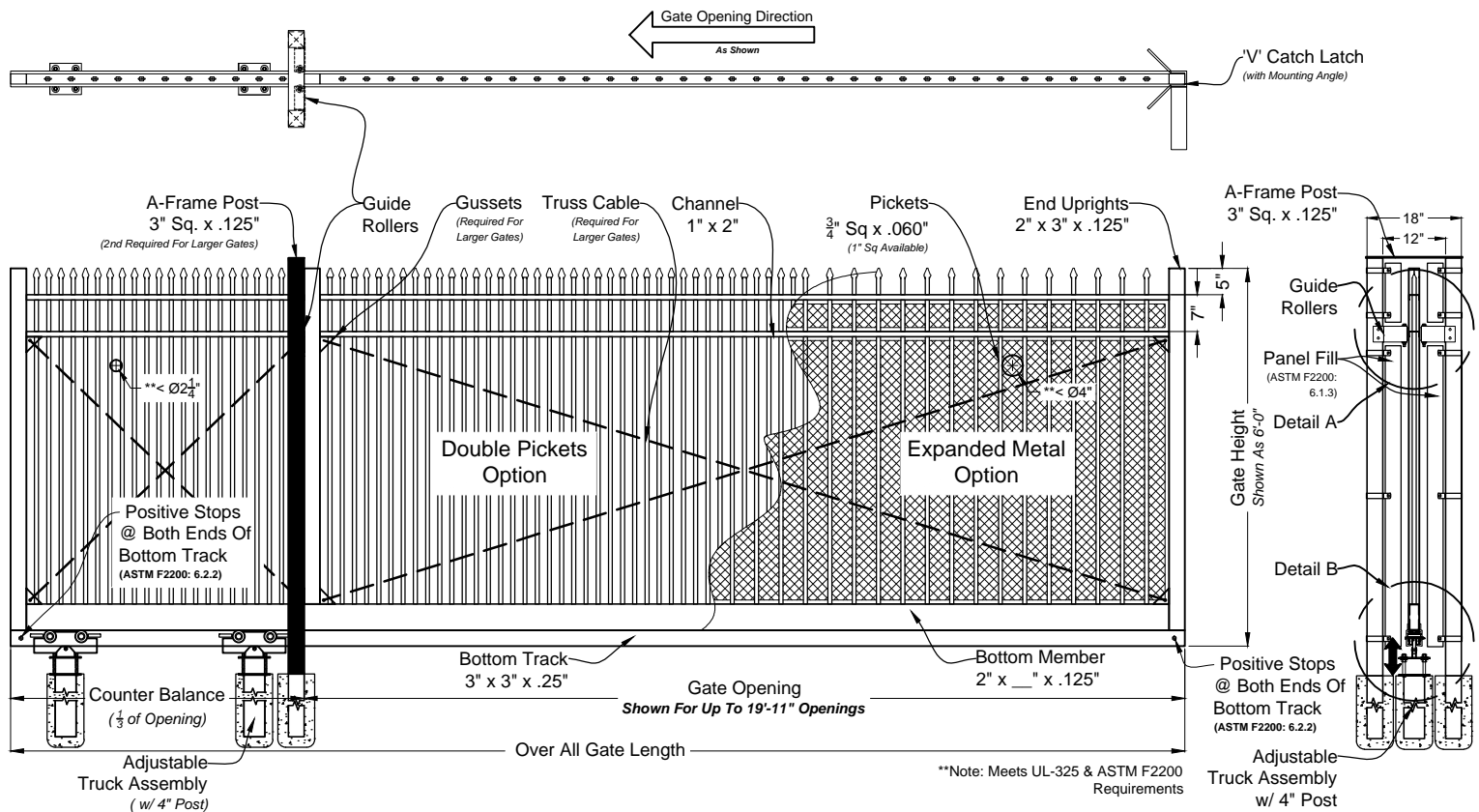
### DRAWING NOTES:

Don't Scale From Drawings. Please See Our Gate Styles For Other Options. Arched And Scalloped Our Also Available.

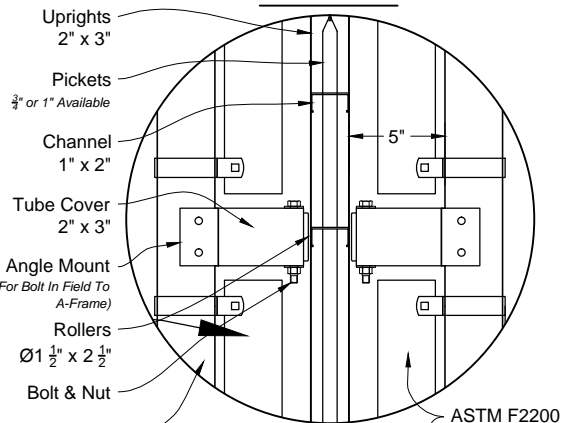
Bottom Track  
Standard Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 29-Nov-13

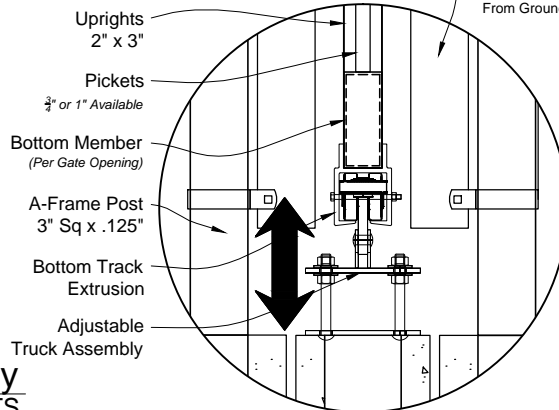
1 OF 1



**Detail - A**



**Detail - B**



## iDeals Bottom Track Cantilever Gate:

Ideal is the industry leader in bottom track cantilever gates. The Ideal bottom track cantilever gate offers distinct advantages over typical cantilever gates.

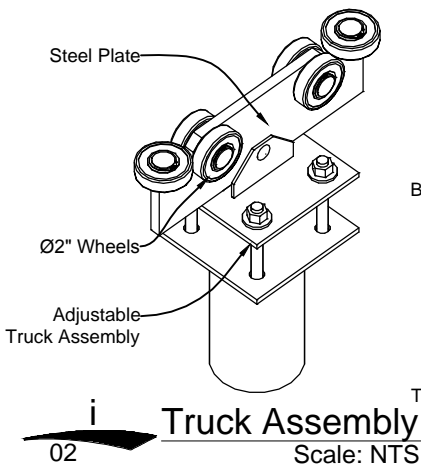
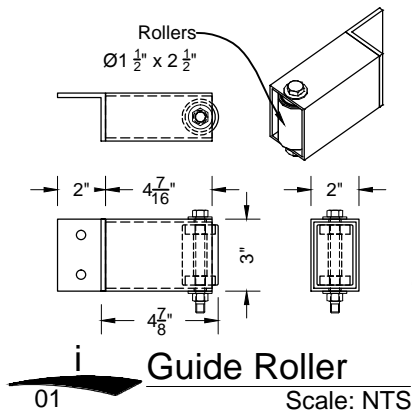
Our bottom track gate only requires  $\frac{1}{3}$  of the opening for the counter balance as opposed to  $\frac{1}{2}$  of the opening on a top track.

The weight of the gate falls naturally from the bottom of the gate to the truck assembly as opposed to hanging on the side of the gate like a top track. This results in less pressure on the track.

The truck assemblies allow for easy adjustment in the field.

Easy guide track minimizes sag and deflection

All of Ideals gates are fully welded out of heavy duty 6063-T5 structural aluminum and custom made to fit your exact opening.



Bottom Track Cantilever Gate  
Shown As 203 Maine Style

**iDeal**  
aluminum  
fence gates railing

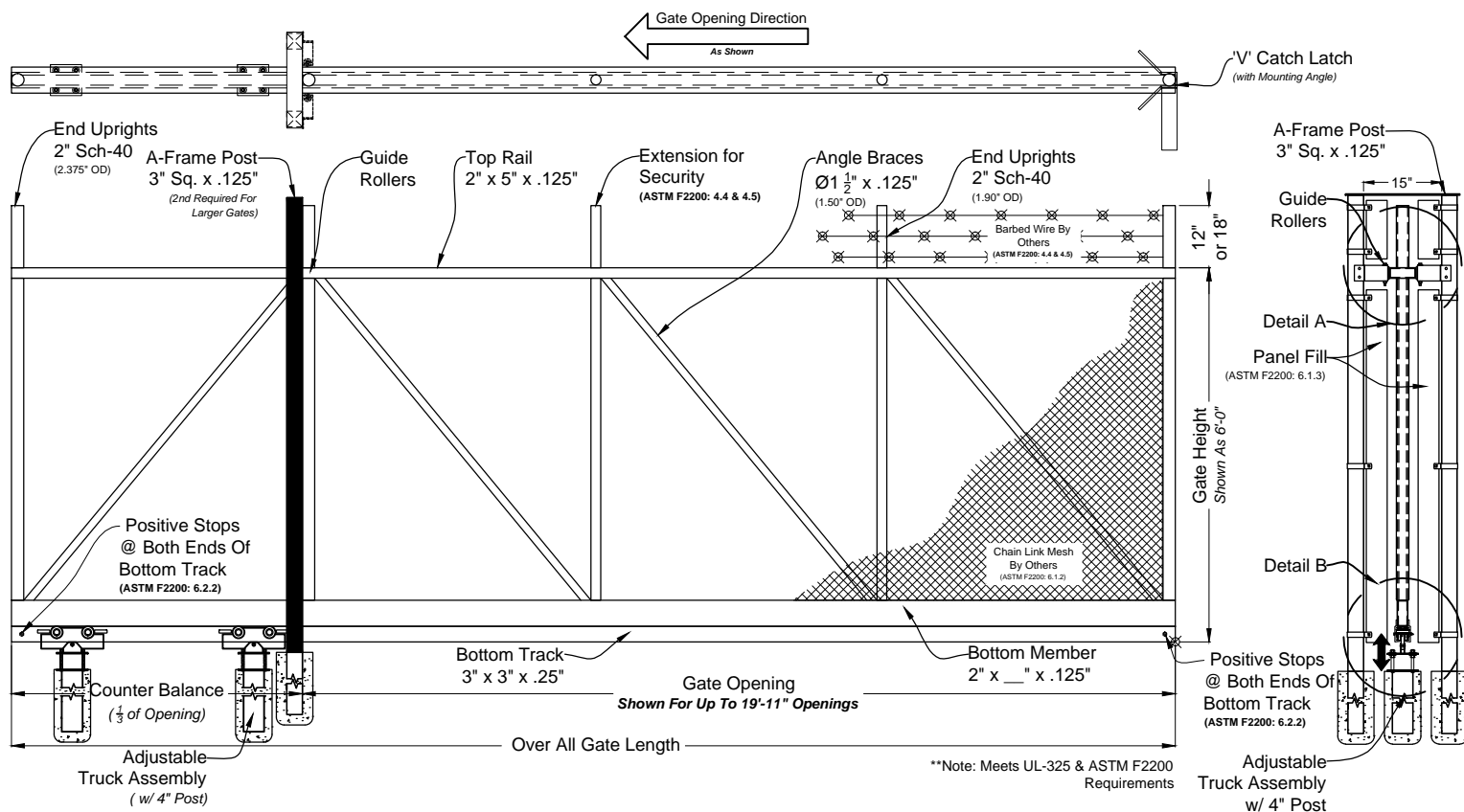
### DRAWING NOTES:

Don't Scale From Drawings. Please See Our Gate Styles For Other Options. Arched And Scalloped Our Also Available.

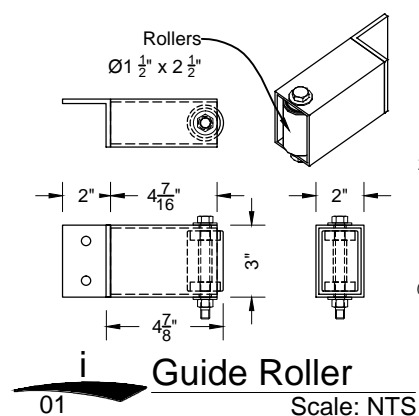
Bottom Track  
Standard Details

Approved By: iDeal Aluminum Quote #:  
Drawn By: JMixon Drawn Date: 29-Nov-13



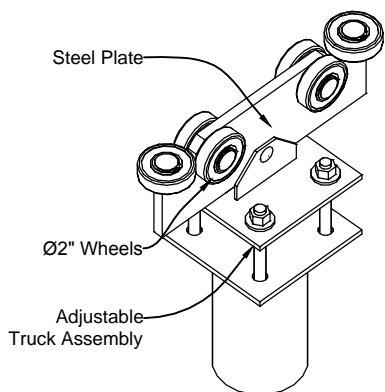


**Detail - A**



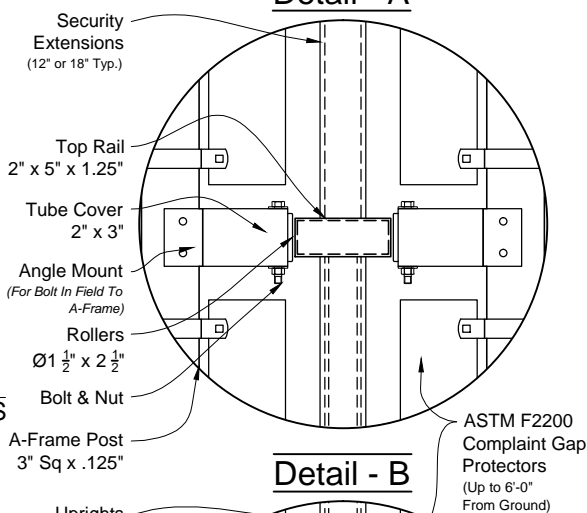
**Guide Roller**

Scale: NTS

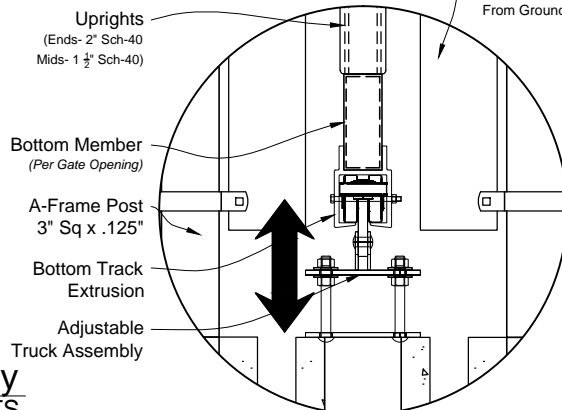


**Truck Assembly**

Scale: NTS



**Detail - B**



## iDeals Bottom Track Cantilever Gate:

Ideal is the industry leader in bottom track cantilever gates. The Ideal bottom track cantilever gate offers distinct advantages over typical cantilever gates.

Our bottom track gate only requires 1/3 of the opening for the counter balance as opposed to 1/2 of the opening on a top track.

The weight of the gate falls naturally from the bottom of the gate to the truck assembly as opposed to hanging on the side of the gate like a top track. This results in less pressure on the track.

The truck assemblies allow for easy adjustment in the field.

Easy guide track minimizes sag and deflection

All of Ideals gates are fully welded out of heavy duty 6063-T5 structural aluminum and custom made to fit your exact opening.

Chain Link Bottom Track Cantilever Gate  
Shown With Round Material

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings. Please See Our Gate Styles For Other Options. Arched And Scaloped Our Also Available.

Chain Link  
Bottom Track  
Standard Details

Approved By: iDeal Aluminum Quote #: \_\_\_\_\_  
Drawn By: JMixon Drawn Date: 29-Nov-13

# iDeal

aluminum

## Security Products

FENCE - GATES - HARDWARE







Ideal Aluminum has security products and expertise to assist you with your entire security project. Our clients have installed Ideal's products at government, military, religious, educational and commercial facilities. Ideal Aluminum's line of high security fencing and gates provide top-of-the-line perimeter defense to keep your facility secure and business in operation.

Ideal Aluminum's talon fence, with its arched features, helps deter and delay intruders. Ideal Aluminum's swing and slide gates are manufactured to the highest standards and can be adapted and connected to all security, call box and operator systems.

## HARDWARE



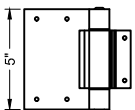
- MAMMOTH 180**
- Closing speed and final snap are individually adjustable
  - For gates Up to 150 kg
  - Maximum gate size 47" wide
  - ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

- SAMSON 250**
- Closing pressure 250 N
  - For gates up to 80 kg
- SAMSON 400**
- Closing pressure 400 N
  - For gates up to 100 kg

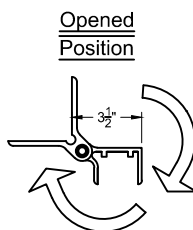
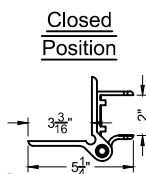


**Samson 250N / 400N**  
Adjustable Horizontal Gate Closer

**Mammoth 180°**  
Gate Closer & Hinge In One



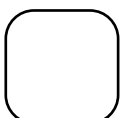
**iDeal 180° Hinge**  
Fits 4" Sq & Up Post Scale: NTS



## STANDARD COLORS



Black



White



Bronze



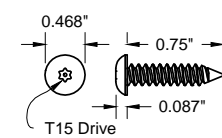
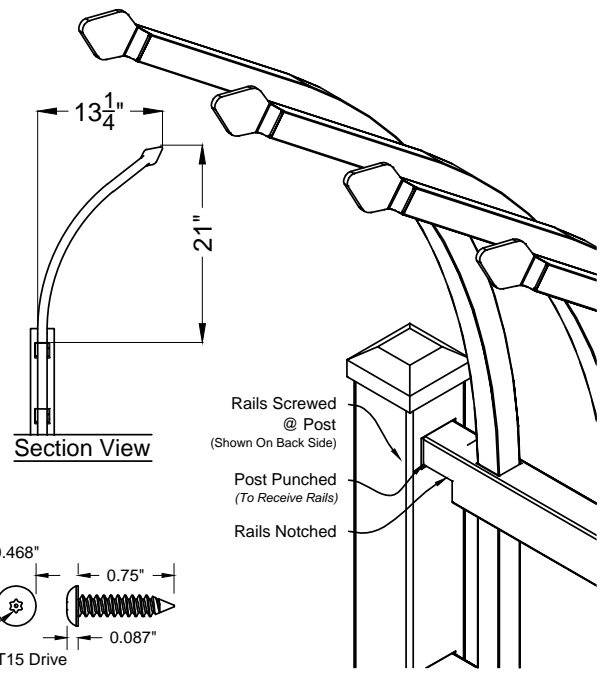
Hunter Green



Custom Colors

\*actual colors may vary

## TALON FENCE DETAILS



**Optional Tamper Proof**  
#8 x 0.75" Screw

**iDeal**  
aluminum

www.ideal-ap.com  
Toll Free: 877.323.6496  
Fax: 877.226.4469



IDEAL ALUMINUM PRODUCTS SECURITY GATES  
ARCHITECTURAL SPECIFICATION

Section 323119

**PART 1 – GENERAL**

**1.1 WORK INCLUDED**

- A. The aluminum gate systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

**1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish gates, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

**1.3 RELATED SECTIONTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

**1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical for all security gate products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' sample shall be submitted for approval. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components (pickets, rails, and posts) is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire gate system shall have a limited lifetime warranty against defects in

workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T5 alloy in accordance with ASTM B 221/B 221M.
- B. Weld Wire: Classification AWS 5.10 ER4043.
- C. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware. Hinges and latches shall be fabricated from aluminum extrusions with stainless steel springs.

### **2.2 SECURITY ALUMINUM GATES**

- A. Industrial Walk Gate:
  - 1. Style: (STYLE NUMBER), as manufactured by iDeal Aluminum Products
  - 2. Gate Opening Width: (x) inch
  - 3. Gate Height: (x) inch
  - 4. Pickets: (x) inch by (x) inch with (TYPE) backer
  - 5. Rails: (x) inch by (x) inch by (x) inch Channel
  - 6. Uprights: (x) inch by (x) inch
  - 7. Post: (x) inch by (x) inch by (x) inch wall by (x) inch long with standard post caps
  - 8. Color: iDeal Aluminum Products standard (COLOR)
    - a. Meets AAMA 2604
  - 9. Accessories:
    - a. Closer: (STYLE)
    - b. Hinge: (STYLE)
    - c. Latch: (STYLE)

## **2.3 FABRICATION**

- A. Horizontal Rails: Rails shall be “U” channels. Pickets shall pass through holes punched in the top rail. The number of rails shall vary with the style, height, and strength of the gate system according to manufacturer’s specifications.
- B. Pickets: Pickets shall be welded to the rails on the underside leaving the other sides with a clean appearance.
- C. Posts: Post size and wall thickness shall be based on manufacturers’ recommendations. A gate requires a gate post on both sides.
- D. Finish: The gate systems shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- D. Division 2 and Division 3 Sections shall govern post base material requirements.
- E. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- F. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- G. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- H. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

### **3.4 CLEANING**

- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean fence with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other fencing material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to gate finish.

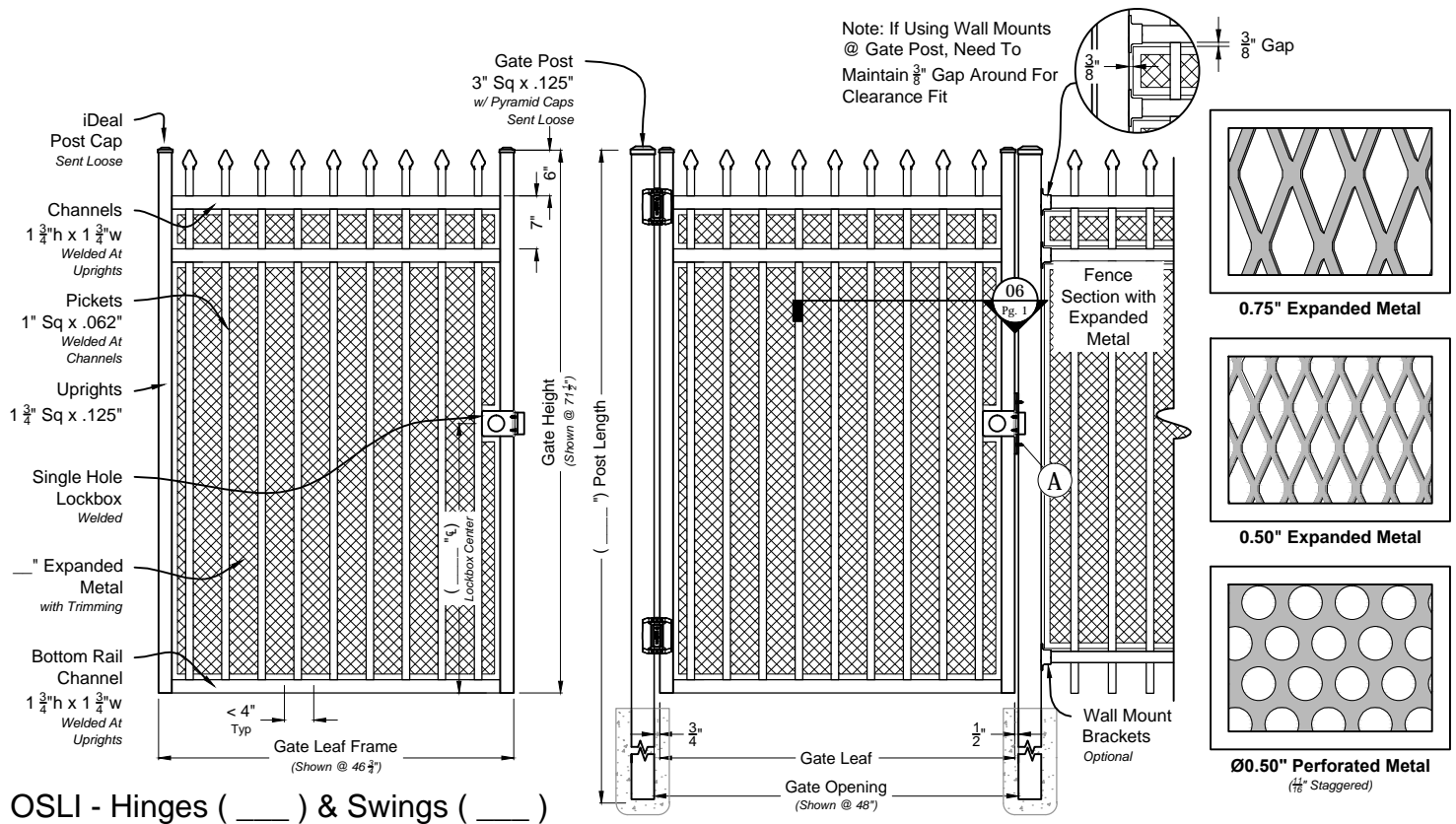


### **3.5 PROTECTION**

F. Protect installed products until completion of project.

G. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



OSLI - Hinges ( \_\_\_\_ ) & Swings ( \_\_\_\_ )

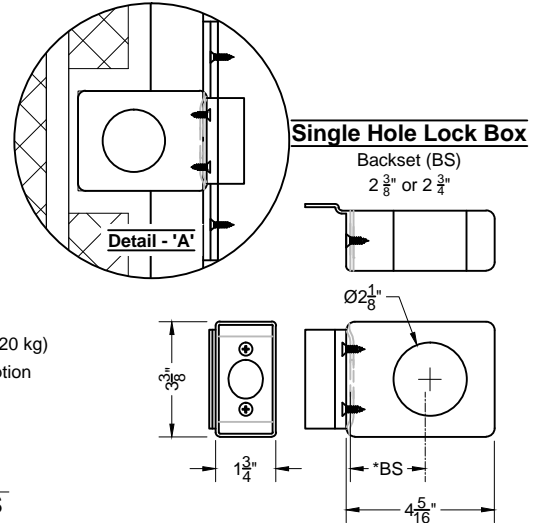
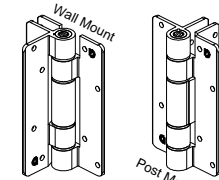
## 01 Maine #2031 Single Lock Box Prep Walk Gate

Shown As All Welded Industrial Series Scale: NTS



**HEAVY DUTY - TruClose**

- Quick, Self-Closing Adjustments
- For gates Up to 154 lbs. (70 kg)
- Maximum gate size 72" wide
- No Visible Fasteners



## 02 Mammoth 180° Gate Closer & Hinge In One

**SAMSON 250**

- Closing pressure 250 N
- For gates up to 80 kg

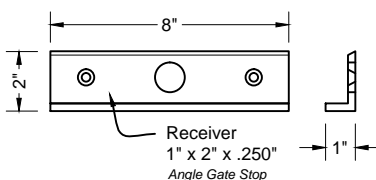
**SAMSON 400**

- Closing pressure 400 N
- For gates up to 100 kg

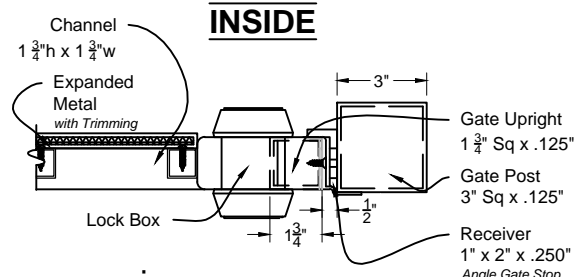


## 03 Samson 250 / 400 Adj. Horizontal Gate Closer

## 04 Self Closing Hinges w/ Alignment Legs Scale: NTS



## 05 Receiver Angle & Gate Stop Scale: NTS



## 06 Section View @ Lockbox Scale: NTS

Lock Box Prep Walk Gate  
#2031 Industrial - Modified

**iDeal**  
aluminum  
fence gates railing

DRAWING NOTES:

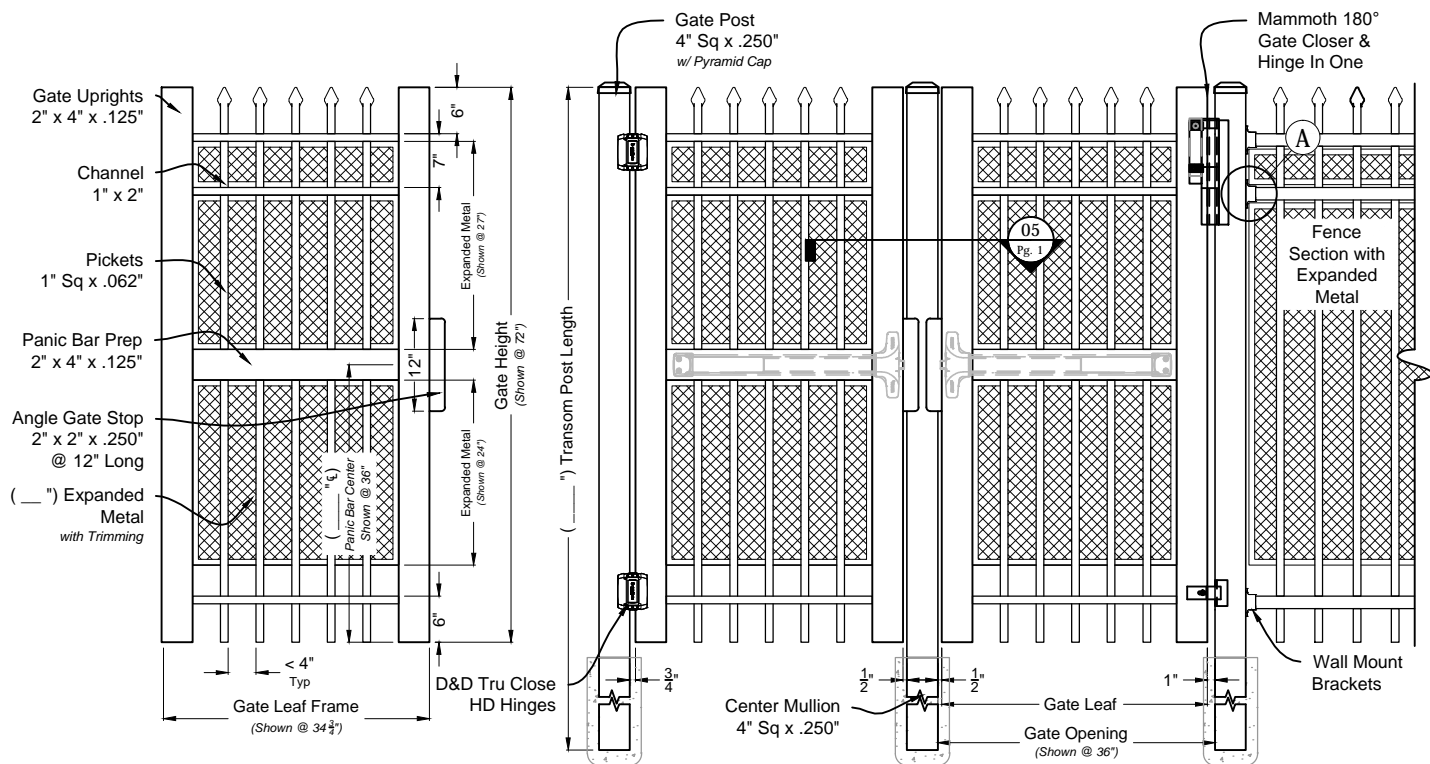
MECHANICAL ASSEMBLY  
CAD Details For Gate Design  
Only.  
**NOT FOR FABRICATION**

Submittal  
Layout

Approved By: IDEAL DEALS Quote #:   
Drawn By: J. Mixon Drawn Date: 6-Dec-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956





## 01 Maine #2030 Panic Bar Prep Walk Gate

Shown As H Frame (Industrial Series) Scale: NTS

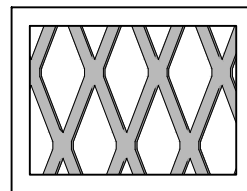


### MAMMOTH 180

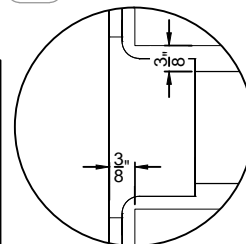
- Closing speed and final snap are individually adjustable
- For gates Up to 330 lbs. (150 kg)
- Maximum gate size 47" wide
- ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

### HEAVY DUTY

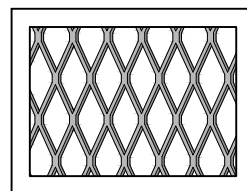
- Quick, Self-Closing Adjustments
- For gates Up to 154 lbs. (70 kg)
- Maximum gate size 72" wide
- No Visible Fasteners



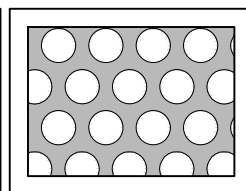
0.75" Expanded Metal



Detail - 'A'



0.50" Expanded Metal



0.050" Perforated Metal  
(1/16" Staggered)

## 02 Mammoth 180° Gate Closer & Hinge In One

## 04 TruClose Heavy Duty w/ Alignment Legs Scale: NTS

### SAMSON 250

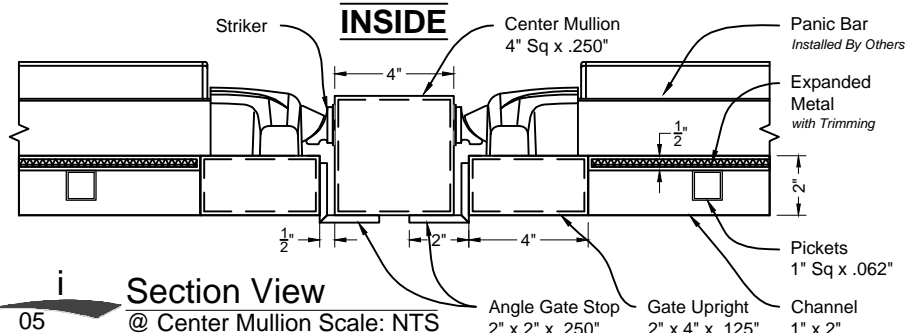
- Closing pressure 250 N
- For gates up to 80 kg

### SAMSON 400

- Closing pressure 400 N
- For gates up to 100 kg



## 03 Samson 250N / 400N Adjustable Horizontal Gate Closer



## 05 Section View @ Center Mullion Scale: NTS

## Panic Bar Walk Gate #2030 Industrial - H Frame

**iDeal**

aluminum  
fence gates railing

DRAWING NOTES:  
CAD Details For Gate Design  
Only.

NOT FOR FABRICATION

Submittal  
Layout

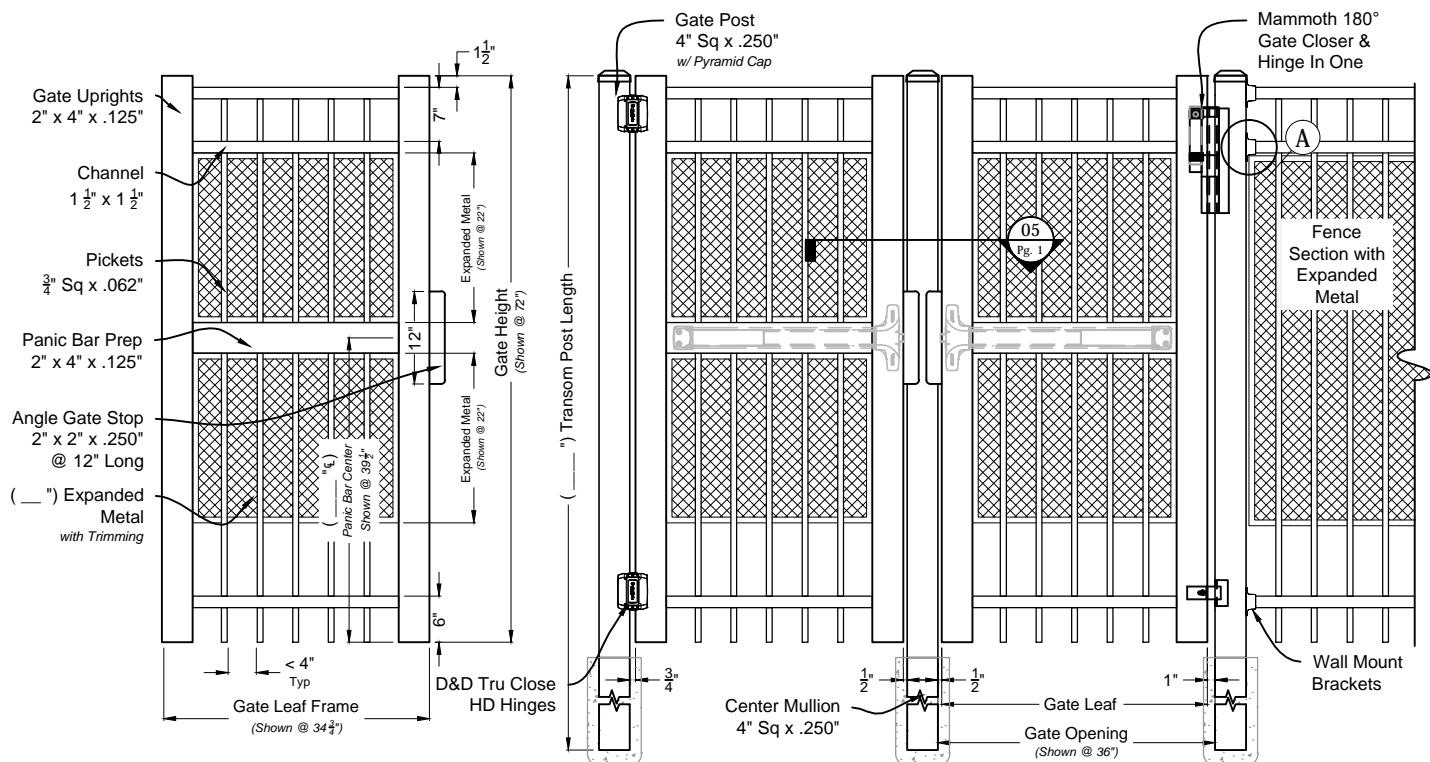
Approved By: IDEAL DEALS

Quote #:

Drawn By: J. Mixon

Drawn Date: 29-Mar-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



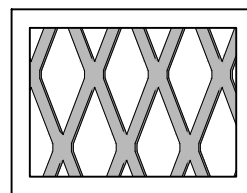
## 01 Maine #3000 Panic Bar Prep Walk Gate

Shown As H Frame (Commercial Series) Scale: NTS

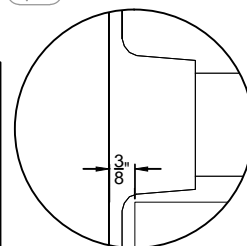


- MAMMOTH 180**
- Closing speed and final snap are individually adjustable
  - For gates Up to 330 lbs. (150 kg)
  - Maximum gate size 47" wide
  - ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

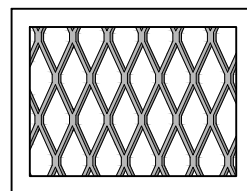
- HEAVY DUTY**
- Quick, Self-Closing Adjustments
  - For gates Up to 154 lbs. (70 kg)
  - Maximum gate size 72" wide
  - No Visible Fasteners



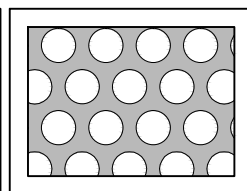
0.75" Expanded Metal



Detail - 'A'



0.50" Expanded Metal



Ø0.50" Perforated Metal  
(1/16" Staggered)

## 02 Mammoth 180° Gate Closer & Hinge In One

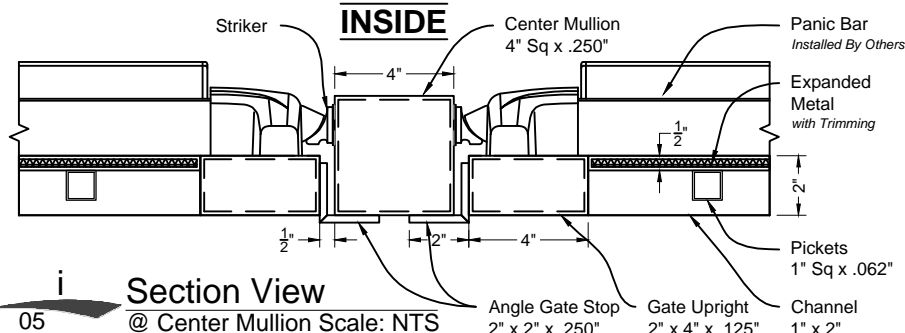
## 04 TruClose Heavy Duty w/ Alignment Legs Scale: NTS

- SAMSON 250**
- Closing pressure 250 N
  - For gates up to 80 kg

- SAMSON 400**
- Closing pressure 400 N
  - For gates up to 100 kg



## 03 Samson 250N / 400N Adjustable Horizontal Gate Closer



## 05 Section View @ Center Mullion Scale: NTS

Panic Bar Walk Gate  
#3000 Commercial - H Frame

**iDeal**  
aluminum  
fence gates railing

DRAWING NOTES:  
CAD Details For Gate Design  
Only.

NOT FOR FABRICATION

Submittal  
Layout

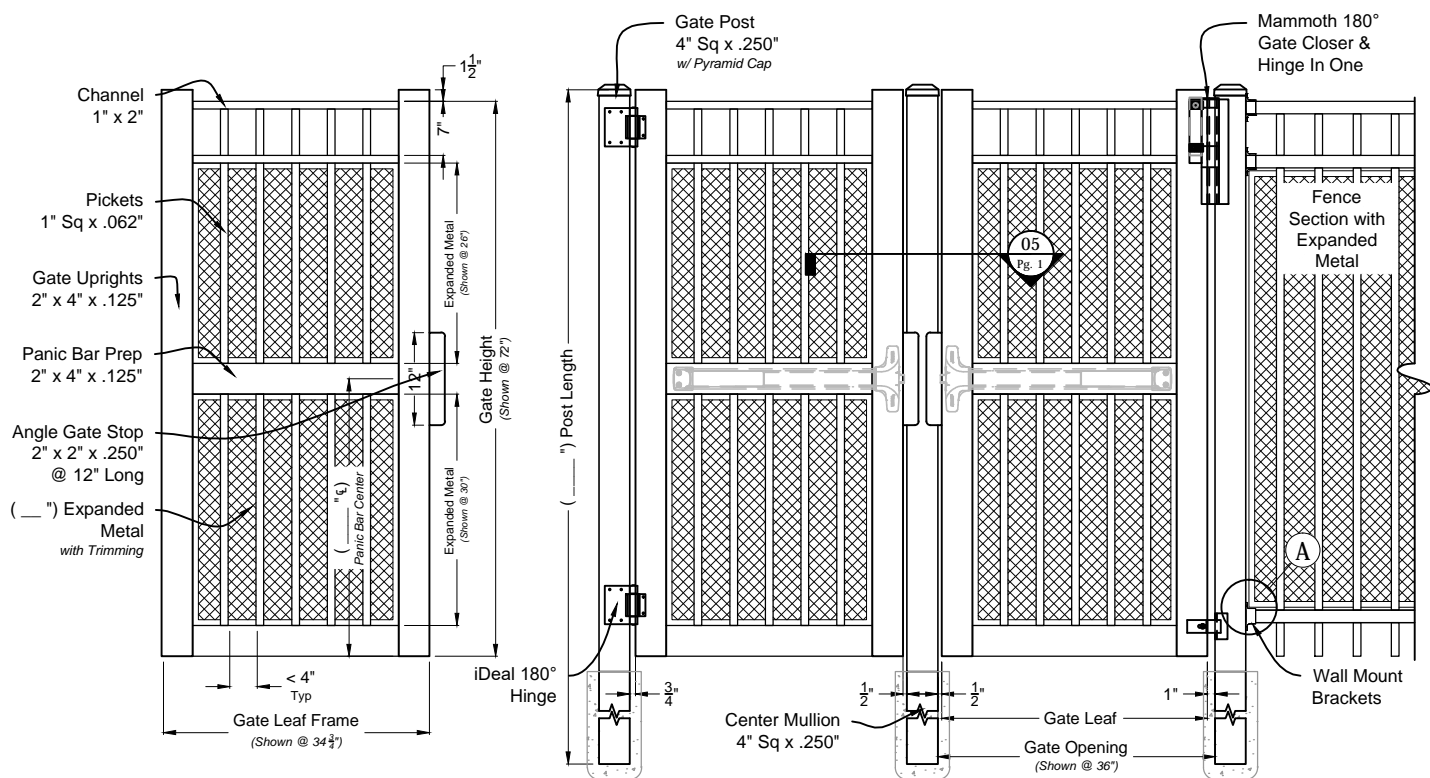
Approved By: IDEAL DEALS

Quote #:

Drawn By: J. Mixon

Drawn Date: 31-Mar-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

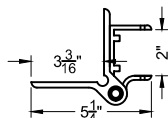


**01 Long Islander #3001 Panic Bar Prep Walk Gate**  
Shown As U Frame (Industrial Series) Scale: NTS

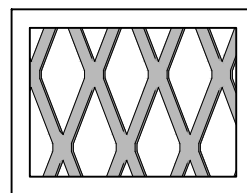
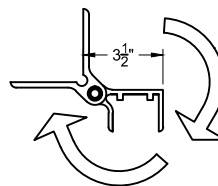


- MAMMOTH 180**
- Closing speed and final snap are individually adjustable
  - For gates Up to 150 kg
  - Maximum gate size 47" wide
  - ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

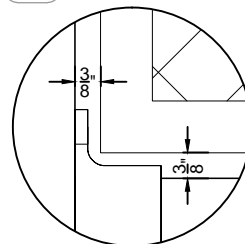
**Closed Position**



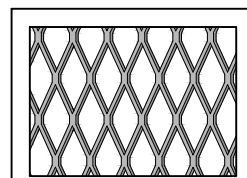
**Opened Position**



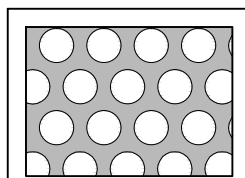
**0.75" Expanded Metal**



**Detail - 'A'**



**0.50" Expanded Metal**



**Ø0.50" Perforated Metal**  
(1/16" Staggered)

**02 Mammoth 180° Gate Closer & Hinge In One**

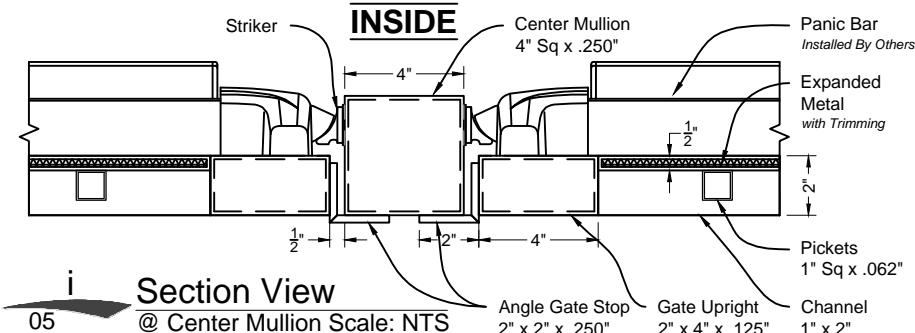
**04 iDeal 180° Hinge**  
Fits 4" Sq & Up Post Scale: NTS

- SAMSON 250**
- Closing pressure 250 N
  - For gates up to 80 kg

- SAMSON 400**
- Closing pressure 400 N
  - For gates up to 100 kg



**03 Samson 250N / 400N**  
Adjustable Horizontal Gate Closer



**05 Section View**  
@ Center Mullion Scale: NTS

**Panic Bar Walk Gate**  
#3001 Industrial - U Frame

**iDeal**  
aluminum  
fence gates rolling

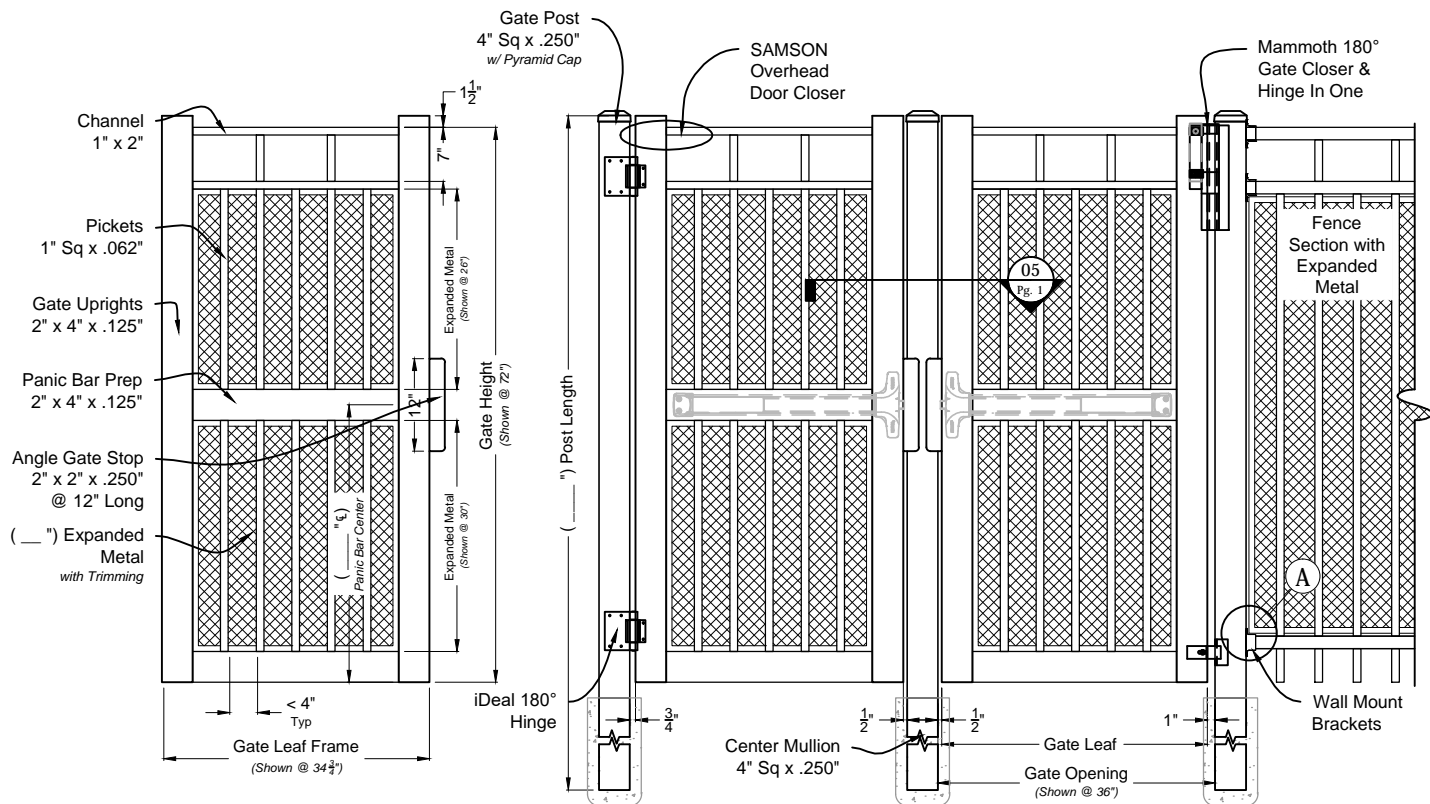
**DRAWING NOTES:**  
CAD Details For Gate Design Only.

**NOT FOR FABRICATION**

Submittal  
Layout

Approved By: IDEAL DEALS Quote #:   
Drawn By: J. Mixon Drawn Date: 29-Mar-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



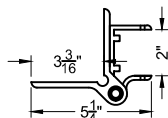
**01 Long Islander #4031 Panic Bar Prep Walk Gate**  
Shown As U Frame (Industrial Series) Scale: NTS



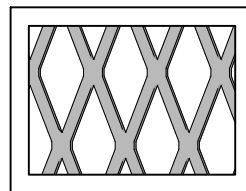
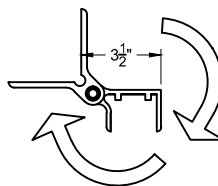
**MAMMOTH 180**

- Closing speed and final snap are individually adjustable
- For gates Up to 150 kg
- Maximum gate size 47\"/>

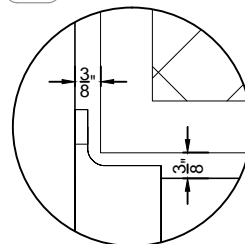
**Closed Position**



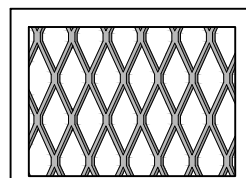
**Opened Position**



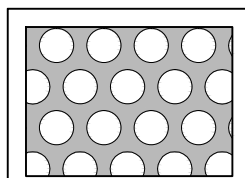
**0.75\"/>**



**Detail - 'A'**



**0.50\"/>**



**Ø0.50\"/>**

**02 Mammoth 180° Gate Closer & Hinge In One**

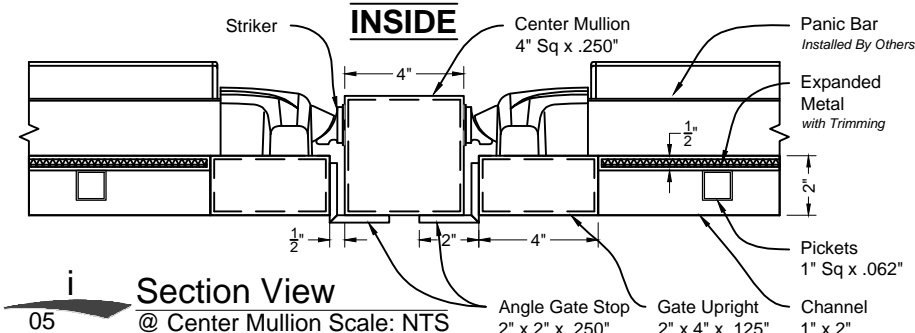
**04 iDeal 180° Hinge**  
Fits 4\"/>

**SAMSON 250**  
- Closing pressure 250 N  
- For gates up to 80 kg

**SAMSON 400**  
- Closing pressure 400 N  
- For gates up to 100 kg



**03 Samson 250N / 400N**  
Adjustable Horizontal Gate Closer



**05 Section View**  
@ Center Mullion Scale: NTS

**Panic Bar Walk Gate**  
#4031 Industrial - U Frame



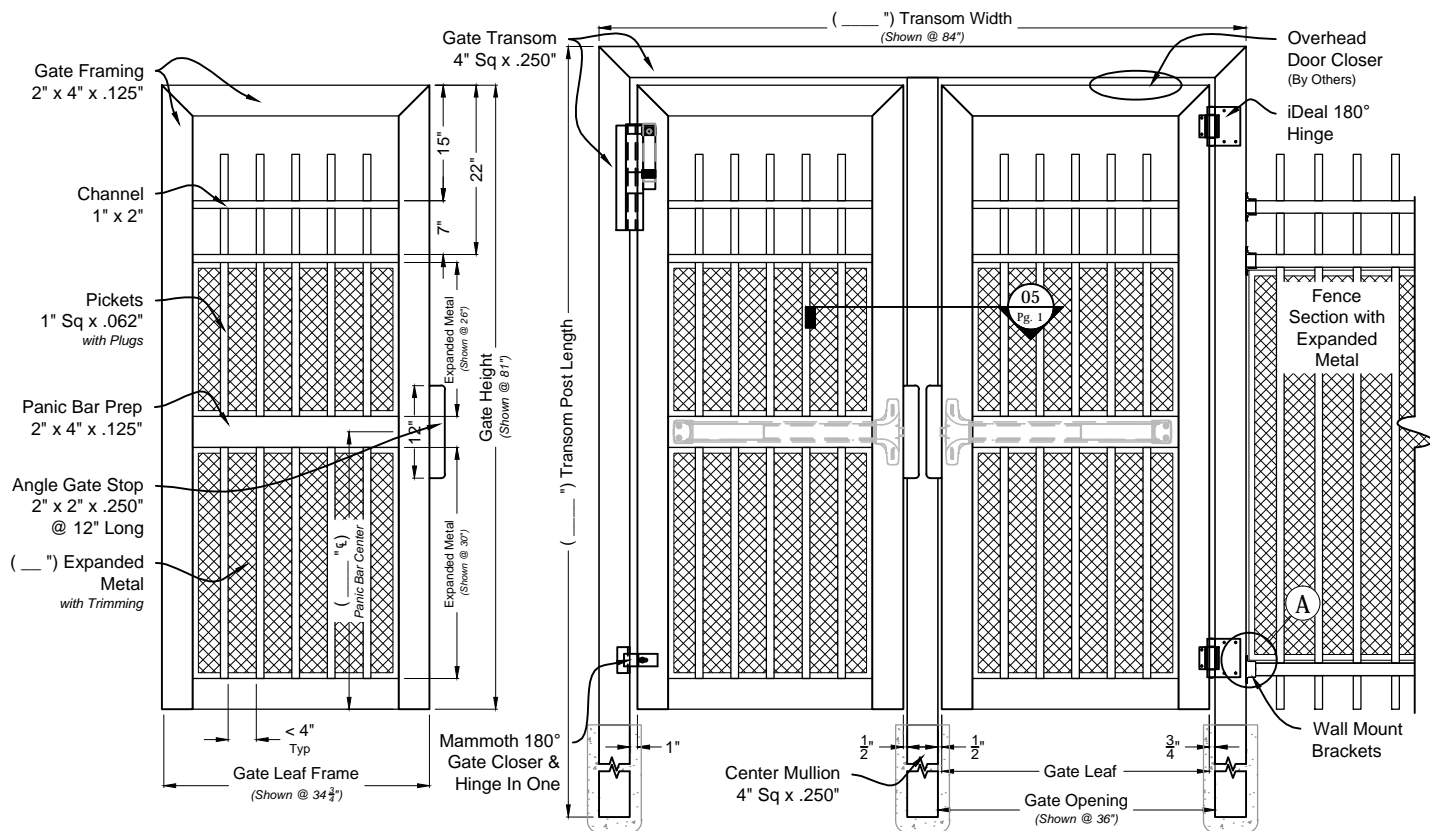
**DRAWING NOTES:**  
CAD Details For Gate Design Only.

**NOT FOR FABRICATION**

Submittal  
Layout

Approved By: IDEAL DEALS Quote #:   
Drawn By: J. Mixon Drawn Date: 29-Mar-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

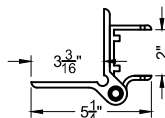


**01 Long Islander #2031 Panic Bar Prep Walk Gate**  
Shown As Box Frame (Industrial Series) Scale: NTS

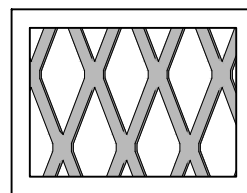
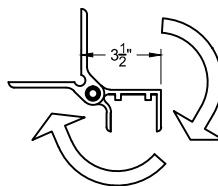


- MAMMOTH 180**
- Closing speed and final snap are individually adjustable
  - For gates Up to 150 kg
  - Maximum gate size 47" wide
  - ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

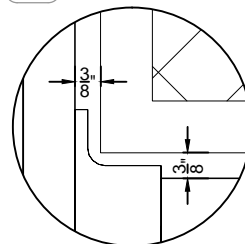
**Closed Position**



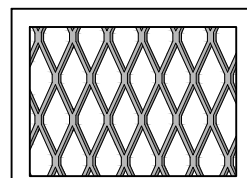
**Opened Position**



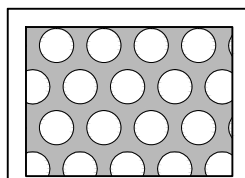
**0.75" Expanded Metal**



**Detail - 'A'**



**0.50" Expanded Metal**



**Ø0.50" Perforated Metal**  
(1/16" Staggered)

**02 Mammoth 180°**  
Gate Closer & Hinge In One

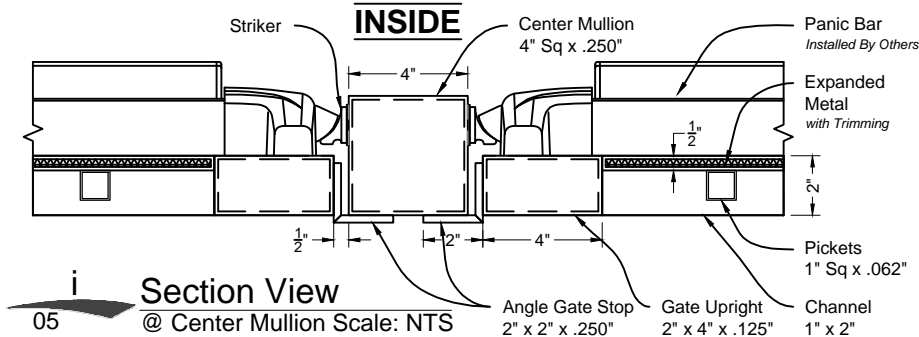
**04 iDeal 180° Hinge**  
Fits 4" Sq & Up Post Scale: NTS

- SAMSON 250**
- Closing pressure 250 N
  - For gates up to 80 kg

- SAMSON 400**
- Closing pressure 400 N
  - For gates up to 100 kg



**03 Samson 250N / 400N**  
Adjustable Horizontal Gate Closer



**05 Section View**  
@ Center Mullion Scale: NTS

**Panic Bar Walk Gate**  
#2031 Industrial w/ Plugs - Box Frame

**iDeal**  
aluminum  
fence gates rolling

**DRAWING NOTES:**  
CAD Details For Gate Design Only.

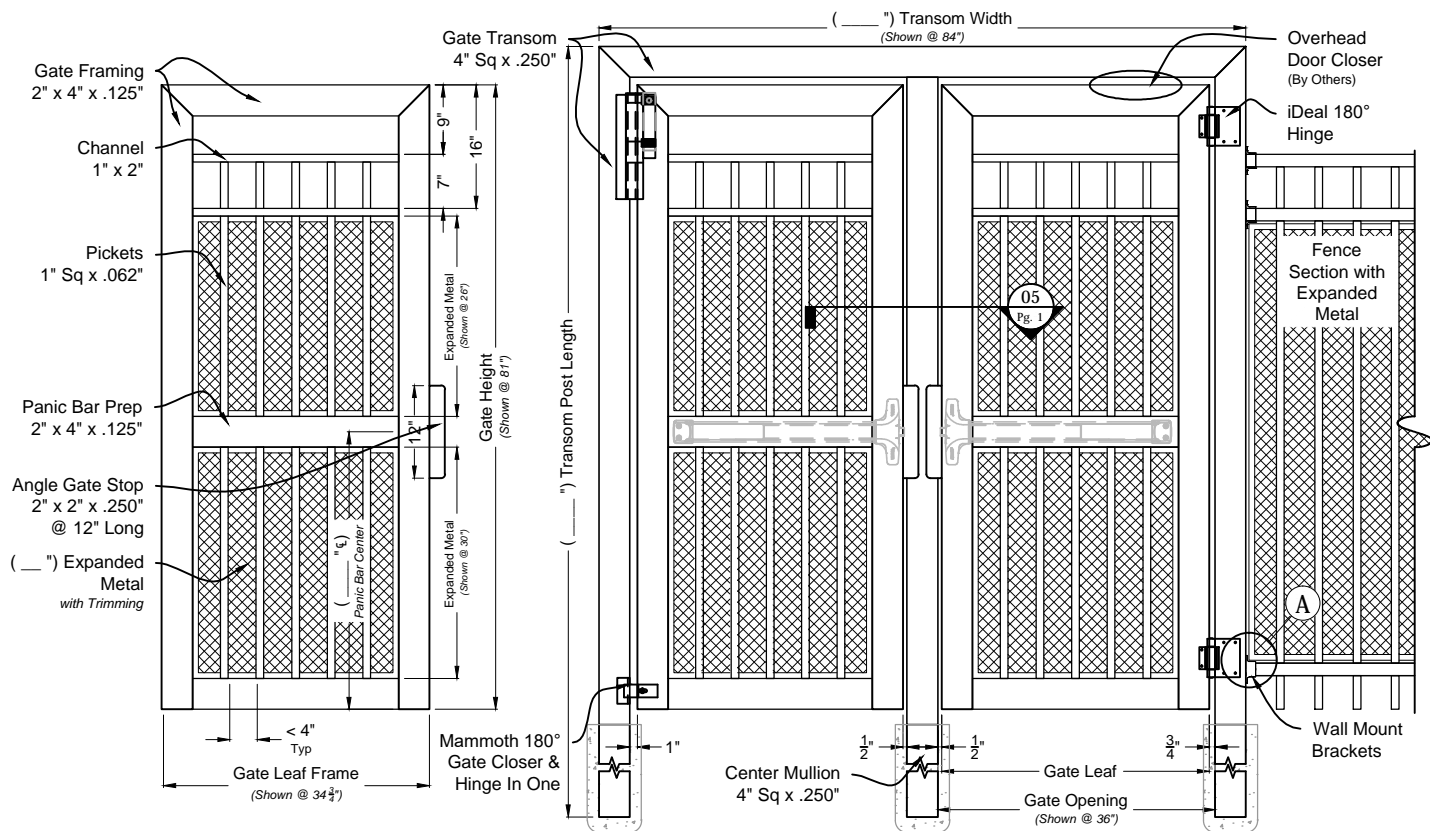
**NOT FOR FABRICATION**

Submittal  
Layout

Approved By: IDEAL DEALS Quote #:   
Drawn By: J. Mixon Drawn Date: 7-Apr-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



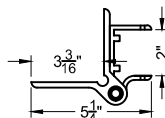


**01 Long Islander #3001 Panic Bar Prep Walk Gate**  
Shown As Box Frame (Industrial Series) Scale: NTS

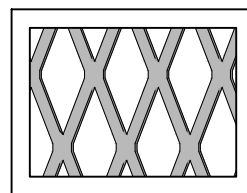
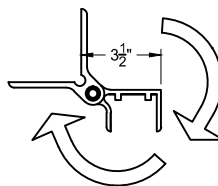


- MAMMOTH 180**
- Closing speed and final snap are individually adjustable
  - For gates Up to 150 kg
  - Maximum gate size 47" wide
  - ADA compliant; opening force of less than 3.5 lbs on 40" W gate with spring set to max closing force

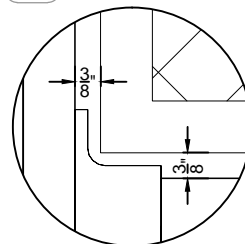
**Closed Position**



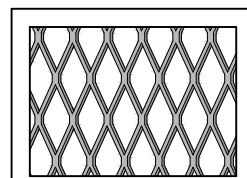
**Opened Position**



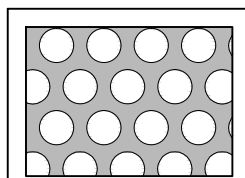
**0.75" Expanded Metal**



**Detail - 'A'**



**0.50" Expanded Metal**



**Ø0.50" Perforated Metal**  
(1/16" Staggered)

**02 Mammoth 180°**  
Gate Closer & Hinge In One

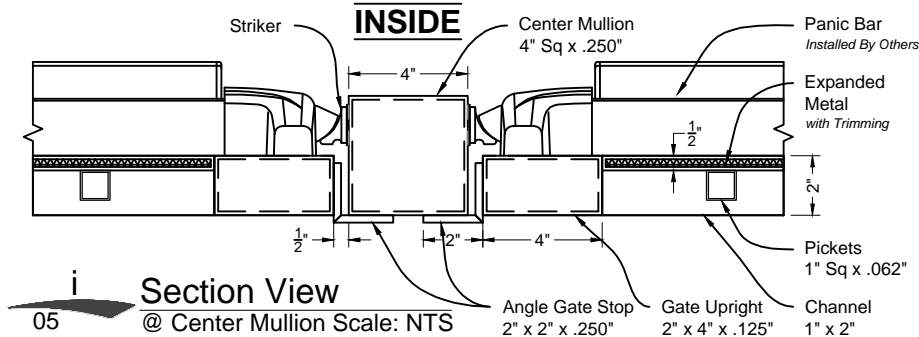
**04 iDeal 180° Hinge**  
Fits 4" Sq & Up Post Scale: NTS

- SAMSON 250**
- Closing pressure 250 N
  - For gates up to 80 kg

- SAMSON 400**
- Closing pressure 400 N
  - For gates up to 100 kg



**03 Samson 250N / 400N**  
Adjustable Horizontal Gate Closer



**05 Section View**  
@ Center Mullion Scale: NTS

**Panic Bar Walk Gate**  
#3001 Industrial - Box Frame

**iDeal**  
aluminum  
fence gates rolling

**DRAWING NOTES:**  
CAD Details For Gate Design Only.

**NOT FOR FABRICATION**

Submittal  
Layout

Approved By: IDEAL DEALS

Quote #:

Drawn By: J. Mixon

Drawn Date: 29-Mar-16

3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956

# iDeal

aluminum

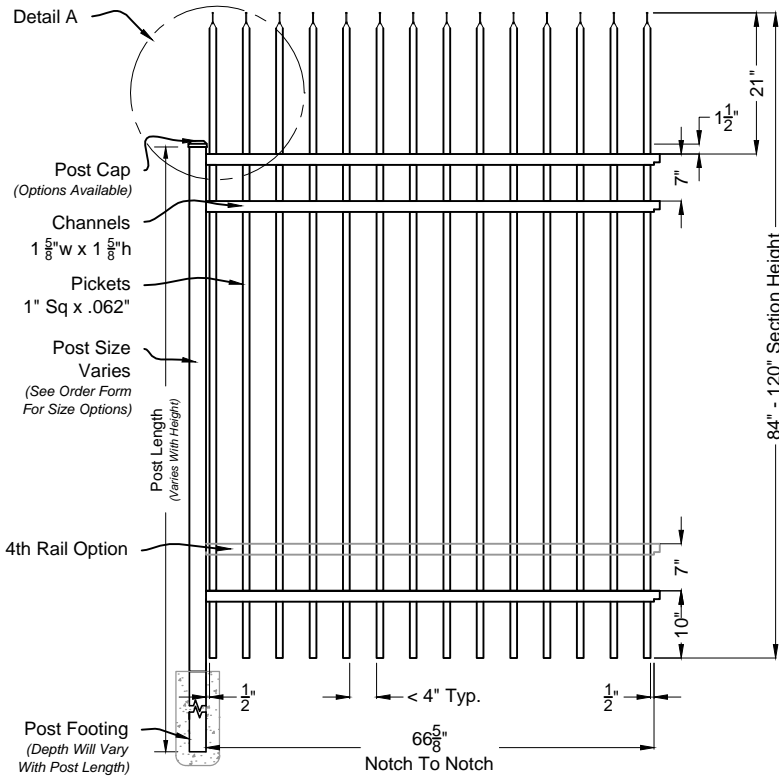
## Talon

FENCE AND GATE PRODUCTS

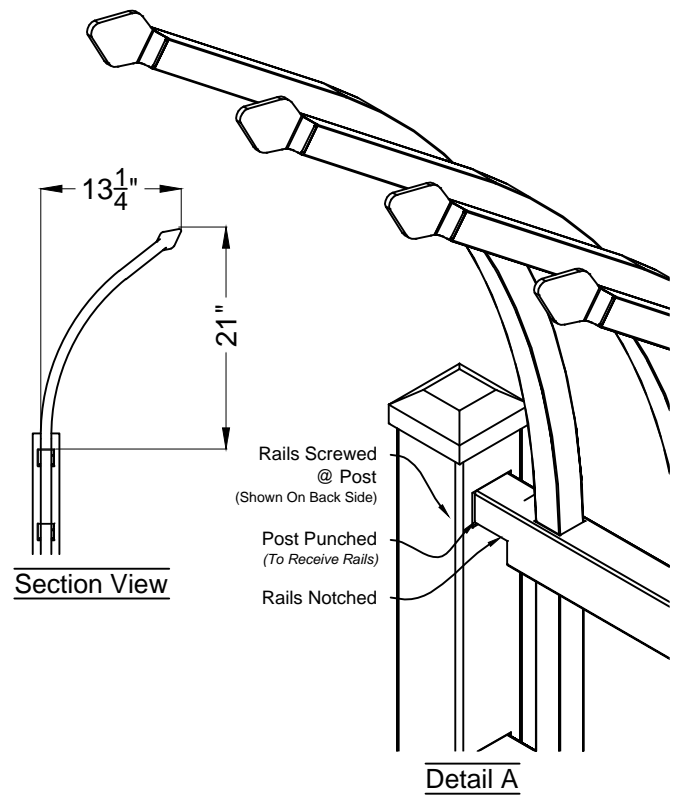




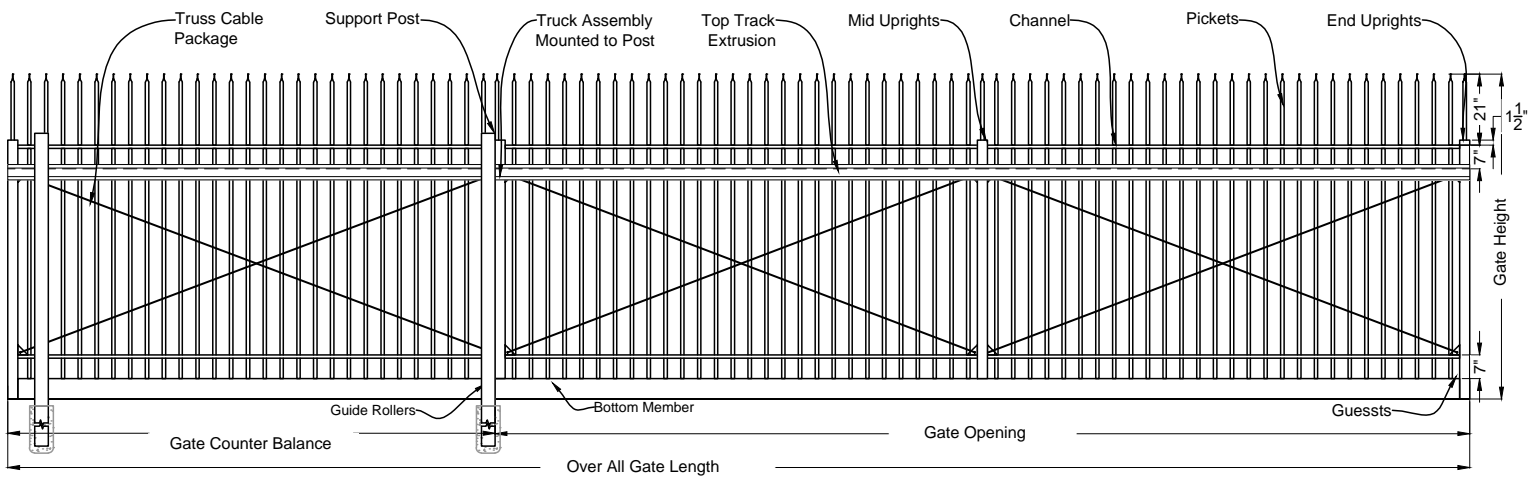
## SECURITY FENCE DETAILS



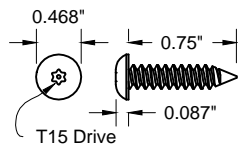
**Talon #700 (Security) 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS



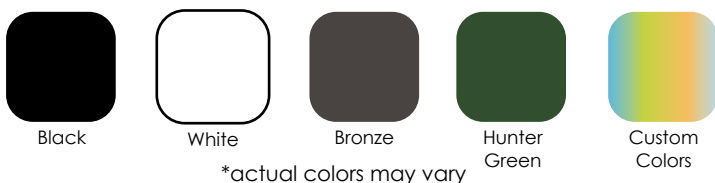
## SECURITY TOP TRACK CANTILEVER DETAILS



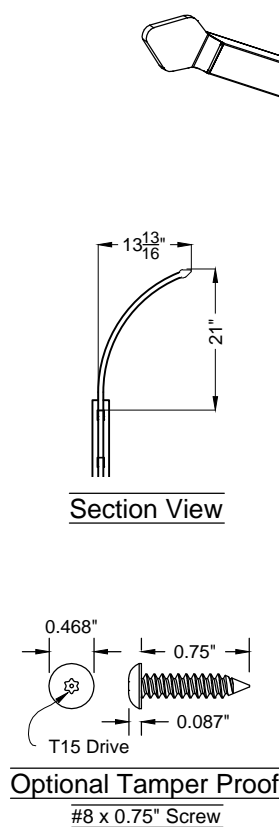
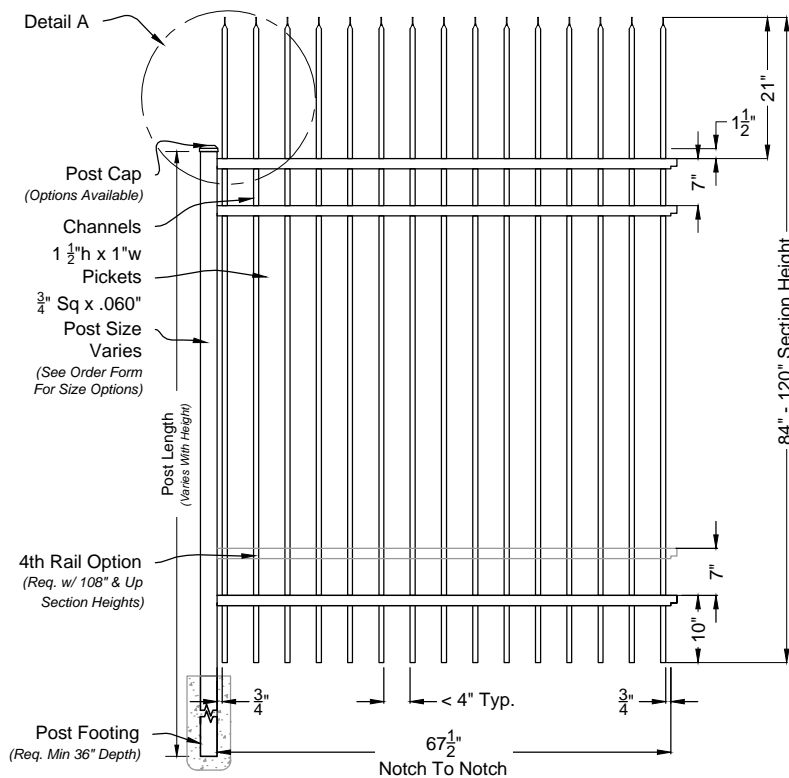
## OPTIONAL TAMPER PROOF SCREWS



## STANDARD COLORS



- Talon security pickets are also available in swing, top & bottom cantilevers and v-track gates.
- Available in industrial and commercial grades
- 3 and 4 rail options available
- Four standard colors
- All products are proudly made in the USA
- Idealcoat 2604 standard powder coating



Rails Screwed  
@ Post  
(Shown On Back Side)

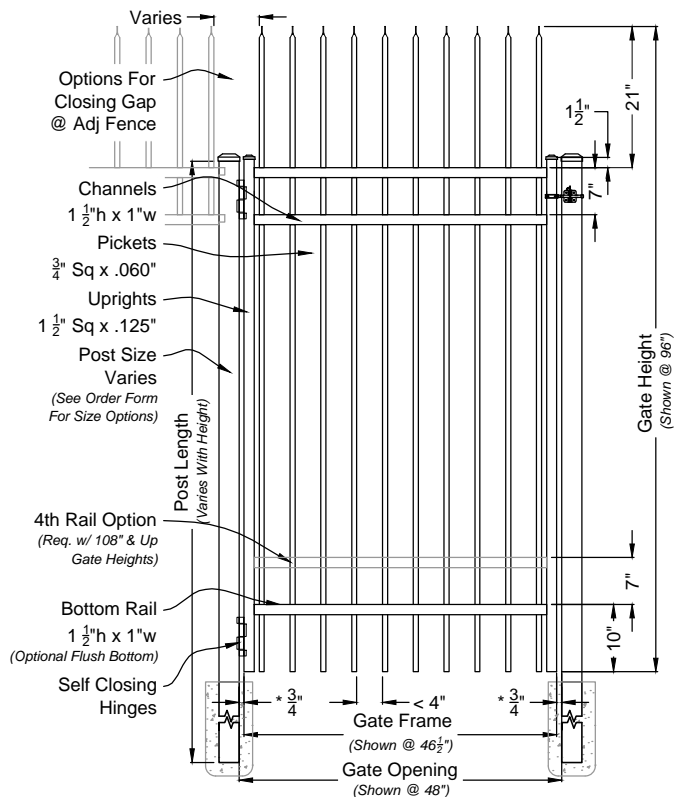
Post Punched  
(To Receive Rails)

Rails Notched

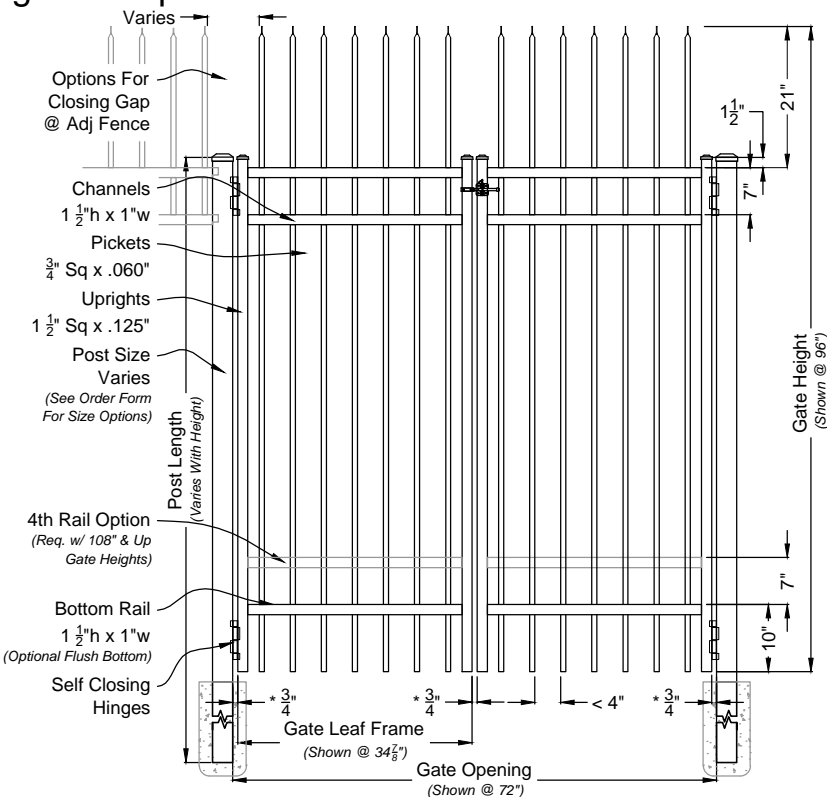
Detail A

**Talon #700 (Security) 6ft Fence Panel**  
Shown As Commerical Series Scale: NTS

## Matching Gate Options



**Talon Single Walk Gate**  
#7000 Straight Rail Option Scale: NTS



**Talon Double Walk Gate**  
#6700 Straight Rail Option Scale: NTS

**Talon Fence & Gate**  
Commercial Series #700

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

\*Other Optional Gate Hardware Available, But  
May Change The Hinge And Latch Clearances.

\*\* Picket Layout Will Vary Based On Gate  
Openings And Security Needs.

Com 700 Series  
Fence & Gate  
Details

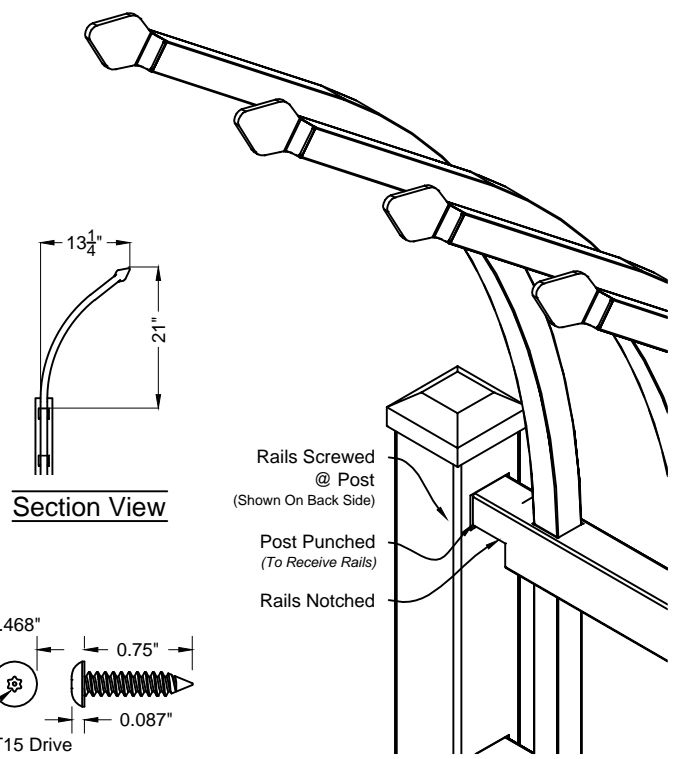
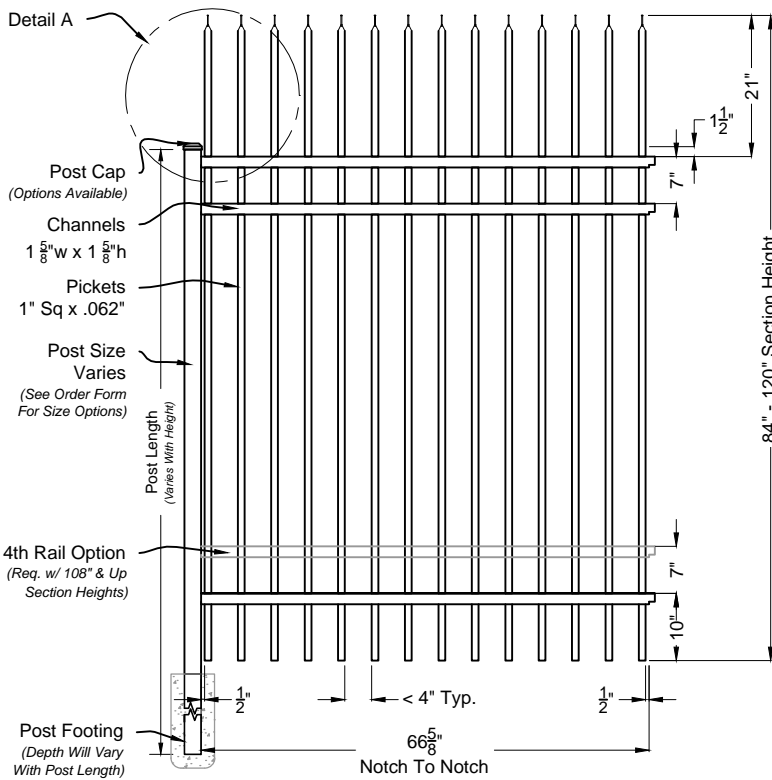
Approved By: IDEAL DEALS

Quote #:

Drawn By: JMixon

Drawn Date: 21-Feb-17

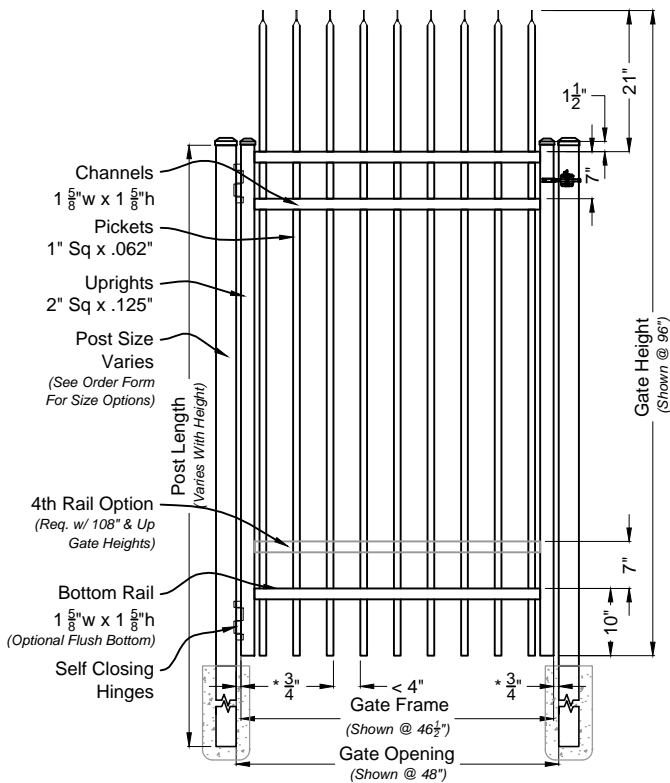
3200 Parker Drive Phone: 386.736.1700  
St Augustine, FL 32084 Fax: 386.822.4956



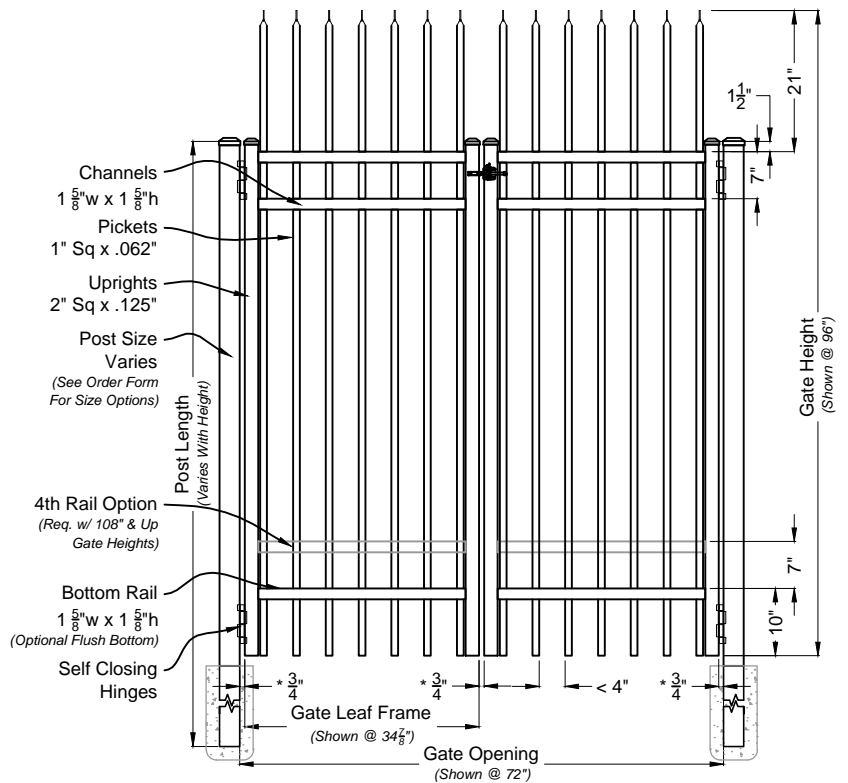
**Optional Tamper Proof**  
#8 x 0.75" Screw

**Talon #700 (Security) 6ft Fence Panel**  
Shown As Industrial Series Scale: NTS

## Matching Gate Options



**Talon Single Walk Gate**  
#7000 Straight Rail Option Scale: NTS



**Talon Double Walk Gate**  
#6700 Straight Rail Option Scale: NTS

**Talon Fence & Gate**  
Industrial Series #700

**iDeal**  
aluminum  
fence gates railing

### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For Other Options.

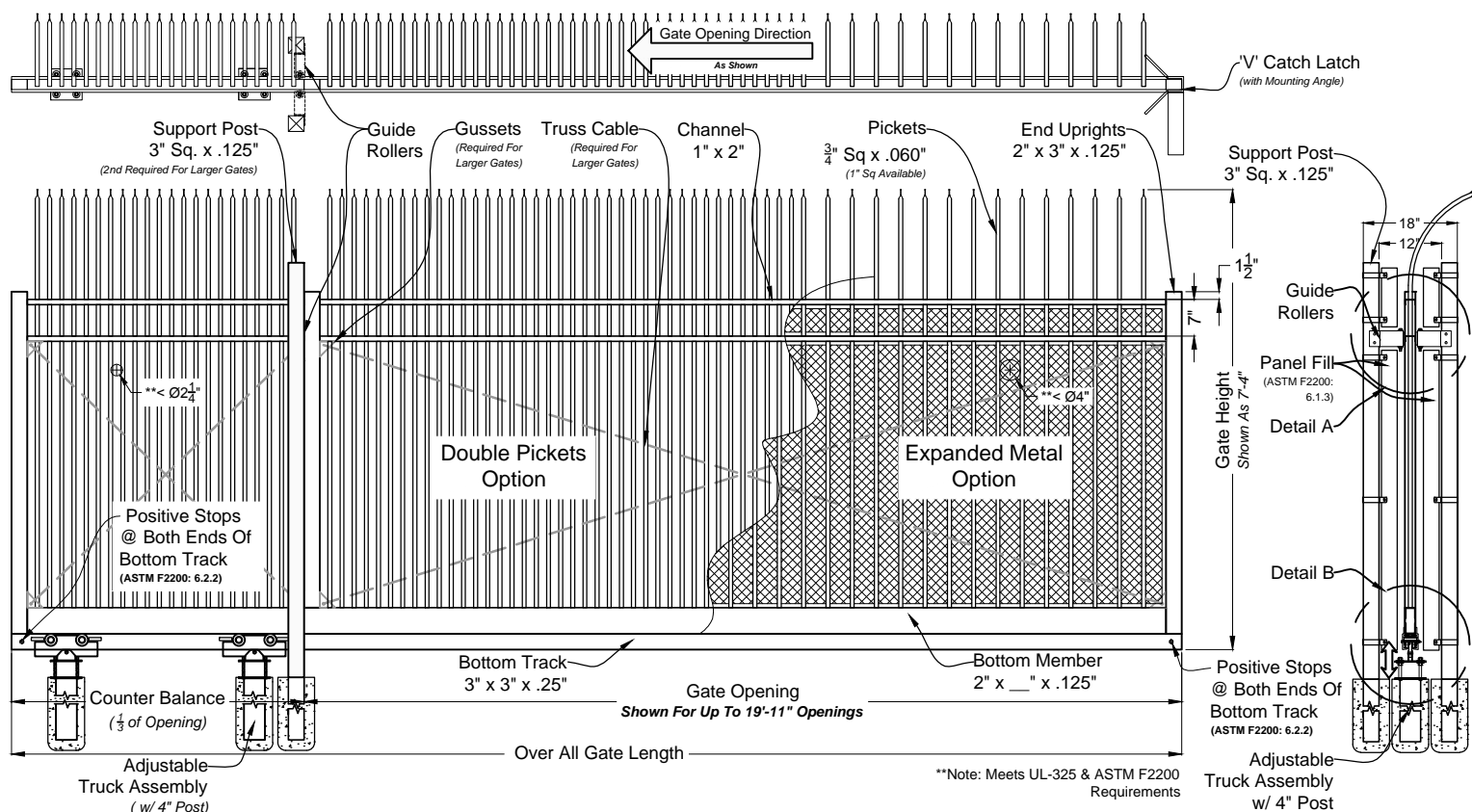
\*Other Optional Gate Hardware Available, But May Change The Hinge And Latch Clearances.

\*\* Picket Layout Will Vary Based On Gate Openings And Security Needs.

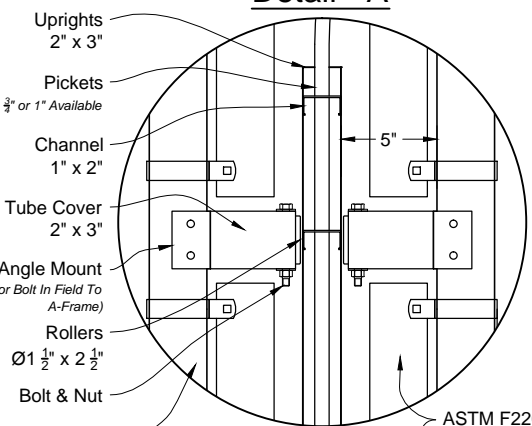
Ind 700 Series  
Fence & Gate  
Details

Approved By: iDeal Aluminum Quote #: Drawn By: JMixon Drawn Date: 30-Jan-17

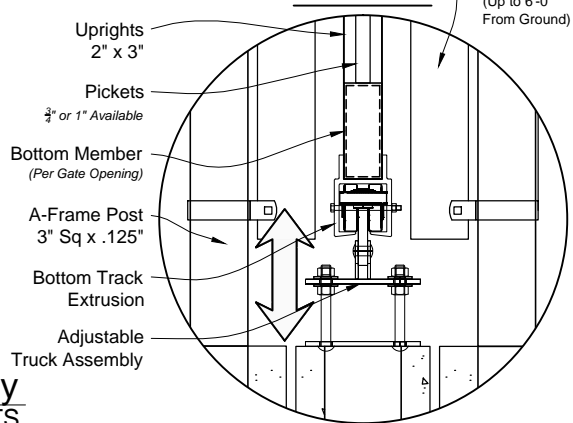
3200 Parker Drive St Augustine, FL 32084 Phone: 386.736.1700 Fax: 386.822.4956



**Detail - A**



**Detail - B**



## iDeals Bottom Track Cantilever Gate:

Ideal is the industry leader in bottom track cantilever gates. The Ideal bottom track cantilever gate offers distinct advantages over typical cantilever gates.

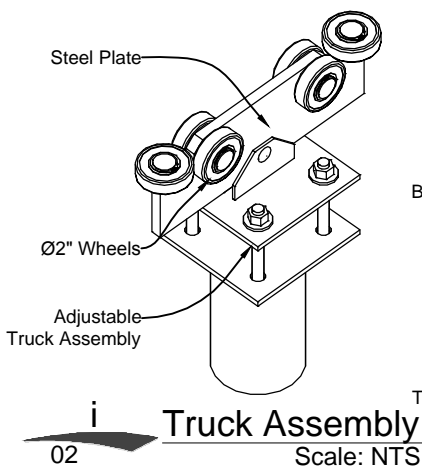
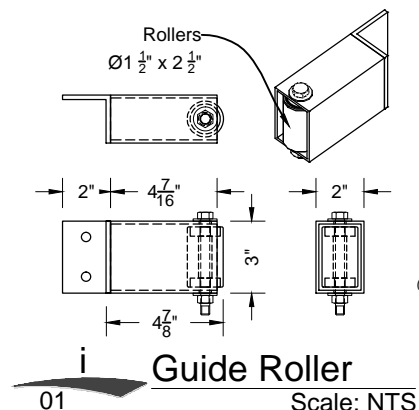
Our bottom track gate only requires 1/3 of the opening for the counter balance as opposed to 1/2 of the opening on a top track.

The weight of the gate falls naturally from the bottom of the gate to the truck assembly as opposed to hanging on the side of the gate like a top track. This results in less pressure on the track.

The truck assemblies allow for easy adjustment in the field.

Easy guide track minimizes sag and deflection

All of Ideals gates are fully welded out of heavy duty 6063-T5 structural aluminum and custom made to fit your exact opening.



### Bottom Track Cantilever Gate Shown As 700 Talon Style

**iDeal**  
aluminum  
fence gates railing

#### DRAWING NOTES:

Don't Scale From Drawings. Please See Our Gate Styles For Other Options. Arched And Scalloped Our Also Available.

Bottom Track  
Standard Details

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 29-Nov-13

2000 Brunswick Lane Phone: 386.736.1700  
Deland, FL 32724 Fax: 386.822.4956

# iDeal

aluminum

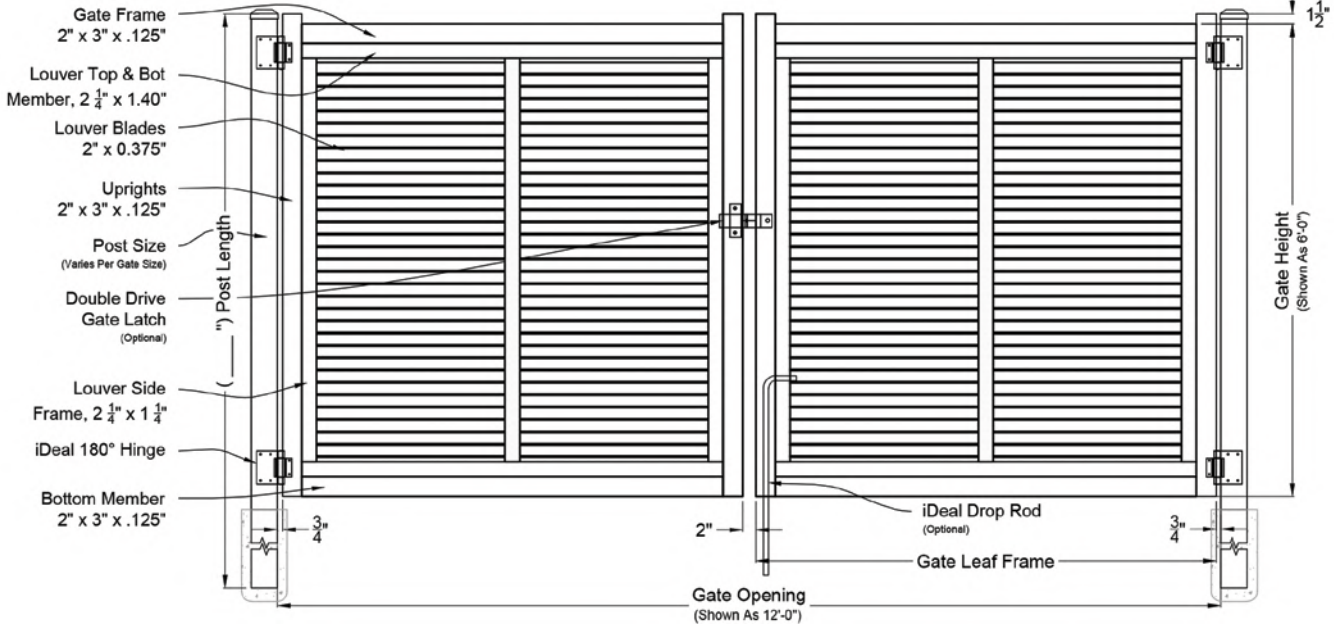
## Louver & Privacy

PANELS - GATES

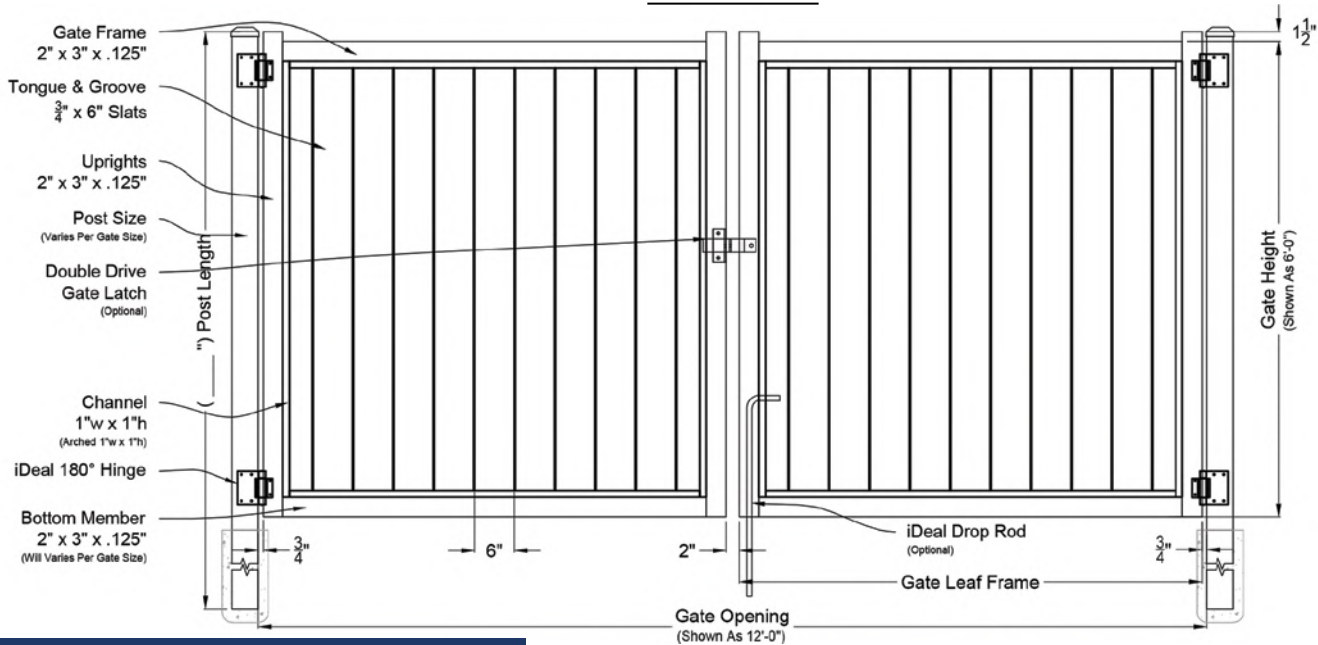




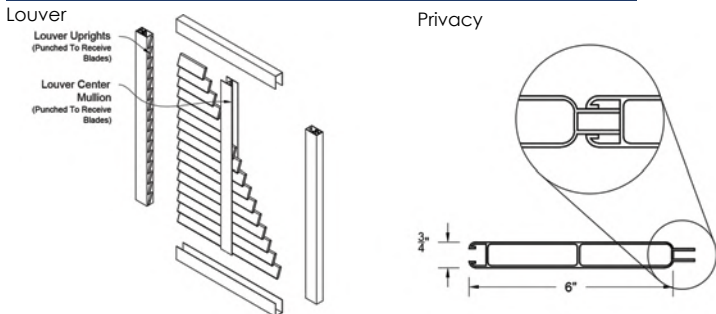
## LOUVER GATE DETAILS



## GATE DETAILS



## LOUVER & PRIVACY DETAIL



- Available in Panels, Cantilever, V-Track and Estate Gates
- Ideal solution for dumpster and A/C enclosures
- Add privacy with aluminum privacy fence
- Louvers provide airflow with zero visibility
- Perfect for residential and commercial projects
- Idealcoat 2604 standard powder coating

## STANDARD COLORS



**iDeal**  
aluminum

www.ideal-ap.com  
Toll Free: 877.323.6496  
Fax: 877.226.4469

ALL PRODUCTS  
PROUDLY  
MADE IN  
USA



# IDEAL ALUMINUM PRODUCTS DECORATIVE LOUVERS

## ARCHITECTURAL SPECIFICATION

Section 323119

### **PART 1 – GENERAL**

#### **1.1 WORK INCLUDED**

- A. The aluminum Louver systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

#### **1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

#### **1.3 RELATED SECTIONTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

#### **1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical data for all products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' panel sample shall be submitted for approval, when required. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire louver system shall have a limited lifetime warranty against defects

in workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T6 alloy in accordance with ASTM B 221/B 221M. (Unless otherwise specified below)
- B. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware.

### **2.2 ORNAMENTAL ALUMINUM LOUVERS**

- A. Louver Fence System:
  - 1. Style: Oval Louver Profile, as manufactured by iDeal Aluminum Products.
  - 2. Section Width: Available in 6 Foot and 8 Foot
  - 3. Height: Available up to 8 Foot
  - 4. Blades: 2 inch by .375 inch by .040 inch with rounded edges.
    - a. Horizontal Orientation
  - 5. Rails:
    - a. Sides: 2.250 inch by 1.250 inch by .070 inch.
    - b. Top/Bottom: 2.248 inch by 1.400 inch by .070 inch.
  - 6. Center Mullion: 2.250 inch by 1.250 inch by .065 inch.
    - a. Aluminum Alloy 6005A T61
  - 7. Posts: x inch by x inch by x inch wall by x inch long with standard post caps
  - 8. Color: iDeal Aluminum Products standard (ENTER COLOR)
    - a. Meets AAMA 2604

## **2.3 FABRICATION**

- A. Side Rails: Rails shall be punched to accept louver blades.
- B. Louver Blades: Shall pass through mid-mullions into side rails.
- C. Posts: Posts shall be pre-punched to allow the Horizontal rails to slide in and be attached with stainless steel tek screws. Cast aluminum post caps shall be affixed to all posts. Post size and wall thickness shall be based on manufacturers' recommendations. A gate requires a gate post on both sides.
- D. Finish: The louver systems shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Posts shall be set in accordance with the manufacturer recommended spacing.

- D. Insert louver horizontal rail end into pre-punched posts and fasten with Tek screws
- E. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.
- F. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- G. Division 2 and Division 3 Sections shall govern post base material requirements.
- H. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- I. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- J. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- K. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

### **3.4 CLEANING**

- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean fence with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other fencing material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to fence finish.

### **3.5 PROTECTION**

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

IDEAL ALUMINUM PRODUCTS DECORATIVE PRIVACY PANELS  
ARCHITECTURAL SPECIFICATION

Section 323119

**PART 1 – GENERAL**

**1.1 WORK INCLUDED**

- A. The aluminum privacy panel systems covered by this specification shall be the products of iDeal Aluminum Products, 3200 Parker Drive, Saint Augustine, FL 32084. Phone: 877-323-6496, Fax: 877-226-4469, [www.ideal-ap.com](http://www.ideal-ap.com)
- B. The General Conditions and the requirements of Division 1 of the specifications shall apply to all work hereunder.
- C. All work shall be completed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

**1.2 SCOPE**

- A. iDeal Aluminum Products shall furnish panels, posts, mounts, hinges and latches. Designated accessories necessary to complete the installation furnished by the contractor – in compliance with plans and specifications.

**1.3 RELATED SECTIONTION INCLUDES**

- A. Section 02300 - Earthwork.
- B. Section 03300 - Cast-In-Place Concrete.

**1.4 REFERENCES**

- A. ASTM - American Society for Testing and Materials:
- B. ASTM B 221/B 221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.
- C. American Architectural Manufacturers Association (AAMA): AAMA 2604 - Voluntary Specification, Performance Requirements, and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- D. American Welding Society (AWS):
- E. AWS D1.1 - Structural Welding Code - Steel (copyrighted by AWS, ANSI

approved).

- F. AWS D1.2 - Structural Welding Code - Aluminum (copyrighted by AWS, ANSI approved).

## **1.5 SUBMITTALS**

- A. Product Data: iDeal Aluminum Products shall provide standard product specifications and technical data for all products.
- B. Shop Drawings: iDeal Aluminum Products standard shop drawing showing product components and installation details. Include information not fully detailed in manufacturer's standard product data.
- C. Samples: A 1' x 1' panel sample shall be submitted for approval, when required. The sample shall be the correct style selected, with the selected finish applied.

## **1.6 QUALITY ASSURANCE**

- A. Installer Qualifications: Installer shall be a firm that shall have a minimum of two years of successful installation experience with projects utilizing ornamental metal fences and gates similar in type and scope to that required for this Project.
- B. Single Source Responsibility: Obtain ornamental metal fences and gates from a single source with resources to produce products of consistent quality in appearance and physical properties without delaying the work.

## **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, if any.
- B. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and be protected against damage, weather, vandalism, and theft.

## **1.8 WARRANTY**

- A. The powder coated surface on all components is warranted for 5 years. Refer to manufacturer for complete details regarding warranty.
- B. The entire privacy panel system shall have a limited lifetime warranty against



defects in workmanship and material. Refer to manufacturer for complete details regarding warranty.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Aluminum Extrusions: 6063-T6 alloy in accordance with ASTM B 221/B 221M. (Unless otherwise specified below)
- B. Accessories: Aluminum castings shall be used for post caps, wall brackets, scrolls, finials, and other miscellaneous hardware.

### **2.2 ORNAMENTAL ALUMINUM PRIVACY PANEL**

- A. Privacy Fence System:
  - 1. Style: Privacy, as manufactured by iDeal Aluminum Products.
  - 2. Section Width: Available in 6 Foot and 8 Foot
  - 3. Height: Available up to 8 Foot
  - 4. Picket: iDeal Tongue & Groove Privacy Picket.
  - 5. Rails:
    - a. Sides: 1 inch by 1 inch Channel.
  - 6. Posts: x inch by x inch by x inch wall by x inch long with standard post caps
  - 7. Color: iDeal Aluminum Products standard (ENTER COLOR)
    - a. Meets AAMA 2604

### **2.3 FABRICATION**

- A. Side Rails: Rails shall be mechanically attached to privacy slats.
- B. Posts: Posts shall be pre-punched to allow the Horizontal rails to slide in and be attached with stainless steel tek screws. Cast aluminum post caps shall be

affixed to all posts. Post size and wall thickness shall be based on manufacturers' recommendations. A gate requires a gate post on both sides.

- C. Finish: The privacy panel systems shall have an electrostatically applied TGIC polyester powder coated finish that meets or exceeds industry standard AAMA 2604 tests.

## **PART 3 - EXECUTION**

### **3.1 EXAMINATION**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding

### **3.2 PREPARATION**

- A. Clean surfaces thoroughly prior to installation
- B. Prepare the grade and remove surface irregularities, if any, which may cause interference with the installation of fencing.
- C. If preparation and condition is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### **3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Use of non-Ideal Aluminum Products parts/components will negate manufacturer's warranty.
- C. Posts shall be set in accordance with the manufacturer recommended spacing.
- D. Insert louver horizontal rail end into pre-punched posts and fasten with Tek screws
- E. Center and align posts, place concrete around posts and vibrate or tamp for consolidation. Recheck vertical and top alignment of posts, and make necessary corrections.

- F. Install gates plumb, level, and secure for full opening without interference. For double gates, install drop rod. Adjust hardware for smooth operation.
- G. Division 2 and Division 3 Sections shall govern post base material requirements.
- H. Gate posts shall be spaced according to the manufacturers' gate drawings, dependent on standard out-to-out gate leaf dimensions and gate hardware selected.
- I. Type and quantity of gate hinges shall be based on the application; weight, height, and number of gate cycles.
- J. The manufacturer's gate drawings shall identify the necessary gate hardware required for the application.
- K. Gate hardware shall be provided by the manufacture of the gate and shall be installed per manufacturer's recommendation

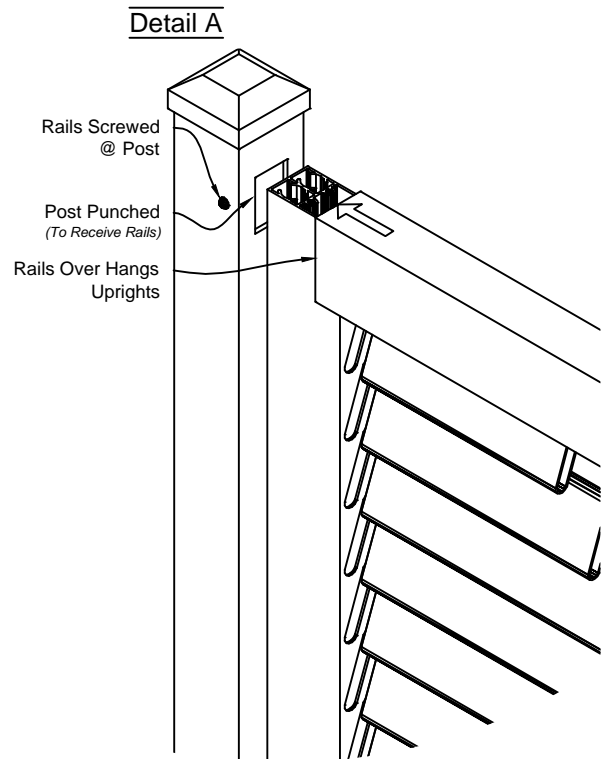
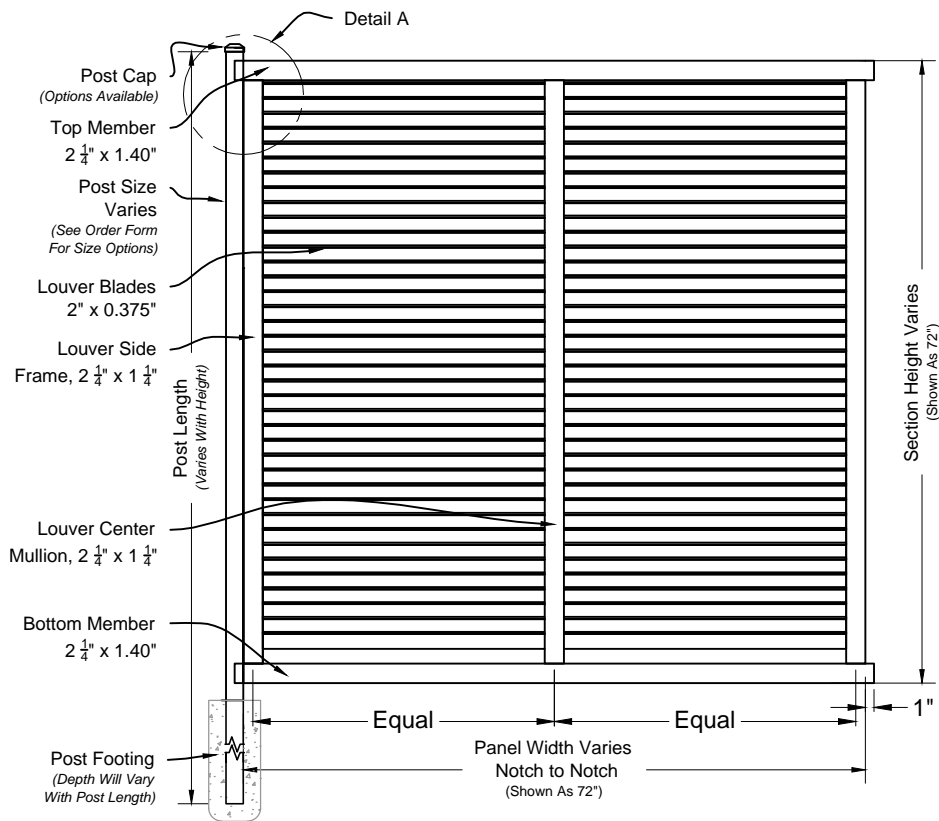
### **3.4 CLEANING**

- A. Clean surfaces thoroughly prior to installation
- B. Leave immediate work area neat at end of each work day.
- C. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- D. Clean fence with mild household detergent and clean water rinse well. Mortar should be removed from exposed posts and other fencing material using a 10% solution of muriatic acid followed immediately by several rinses with clean water.
- E. Touch up scratched surfaces using materials recommended by manufacturer. Match touchup paint color to fence finish.

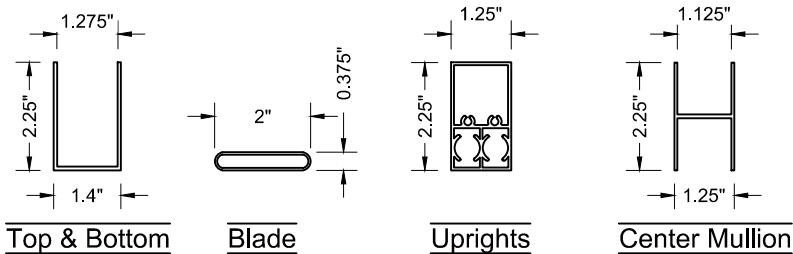
### **3.5 PROTECTION**

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



**i**  
01 Louver Fence Panel  
0% Visibility Scale: NTS



**i**  
01 Louver Material Specs  
Scale: NTS

## Louver Fence Panel



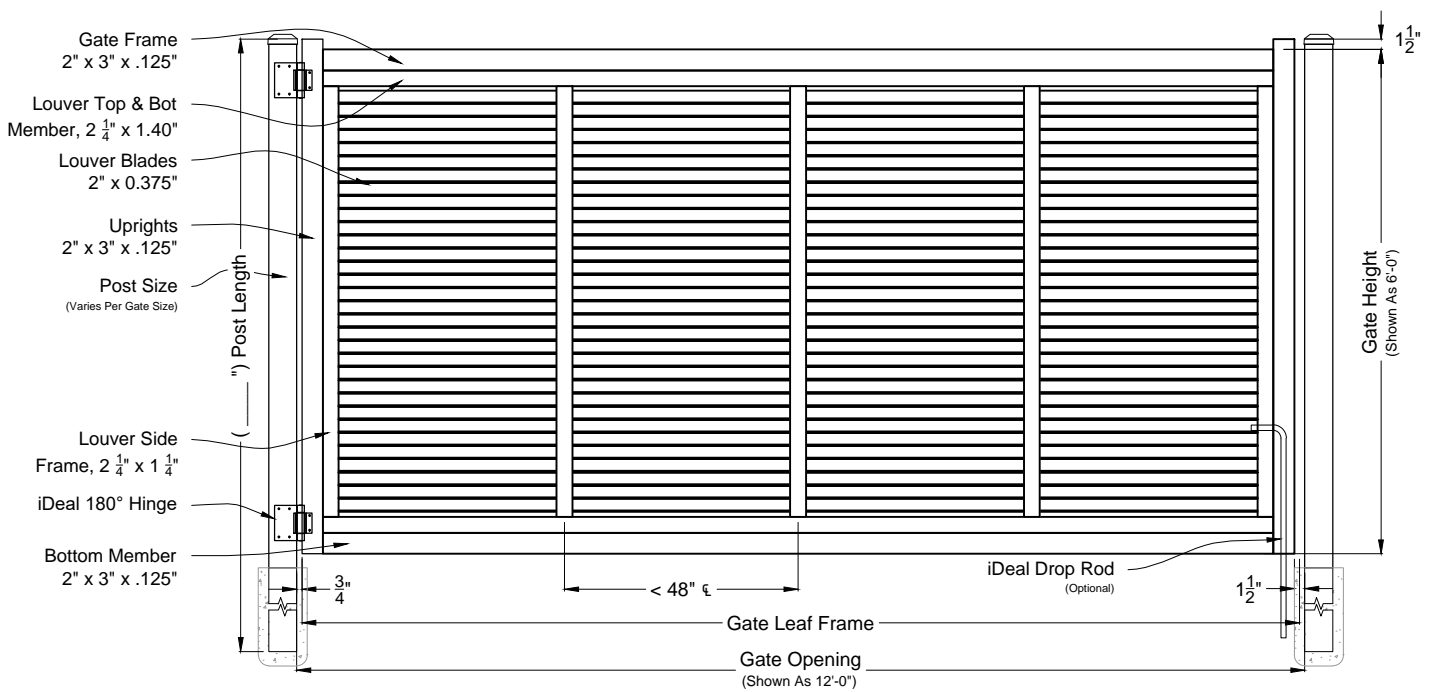
Approved By: iDeal Aluminum      Quote #: \_\_\_\_\_  
Drawn By: JMixon      Drawn Date: 14-Apr-17

3200 Parker Drive      Phone: 386.736.1700  
St Augustine, FL 32084      Fax: 386.822.4956

### DRAWING NOTES:

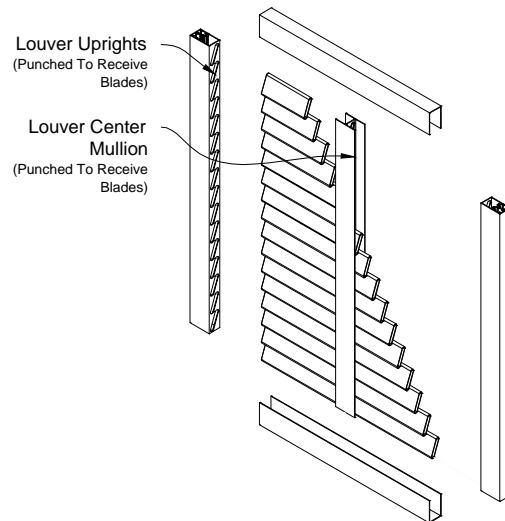
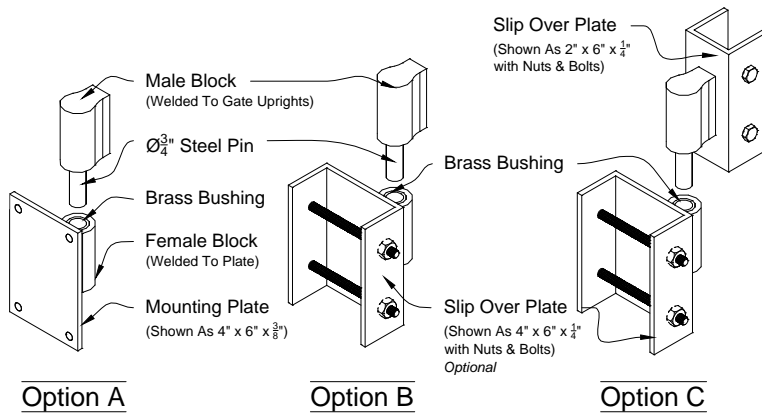
Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

Louver Series  
Fence Details



## 01 Louver Double Swing Gate

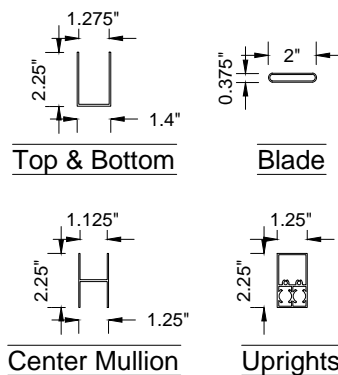
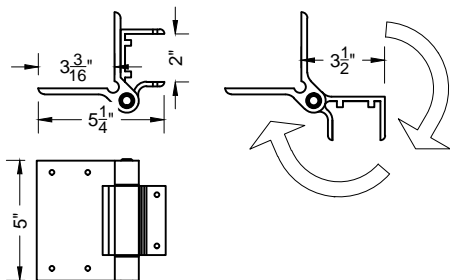
Shown As Decorative Scale: NTS



## 02 iDeal Barrel Hinge

Custom To Fit Any Post Size Scale: NTS

Closed Position      Opened Position



## 04 iDeal 180° Hinge

Fits 4\"/>

## 05 Louver Material Specs

Scale: NTS

## 03 Typ Assembly

3D View Scale: NTS

### Louver Single Swing Estate Gate

Louver Series



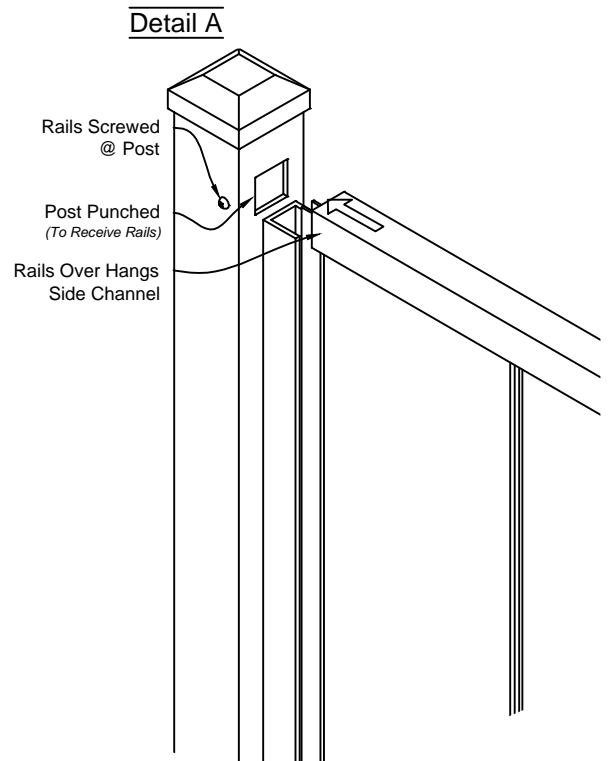
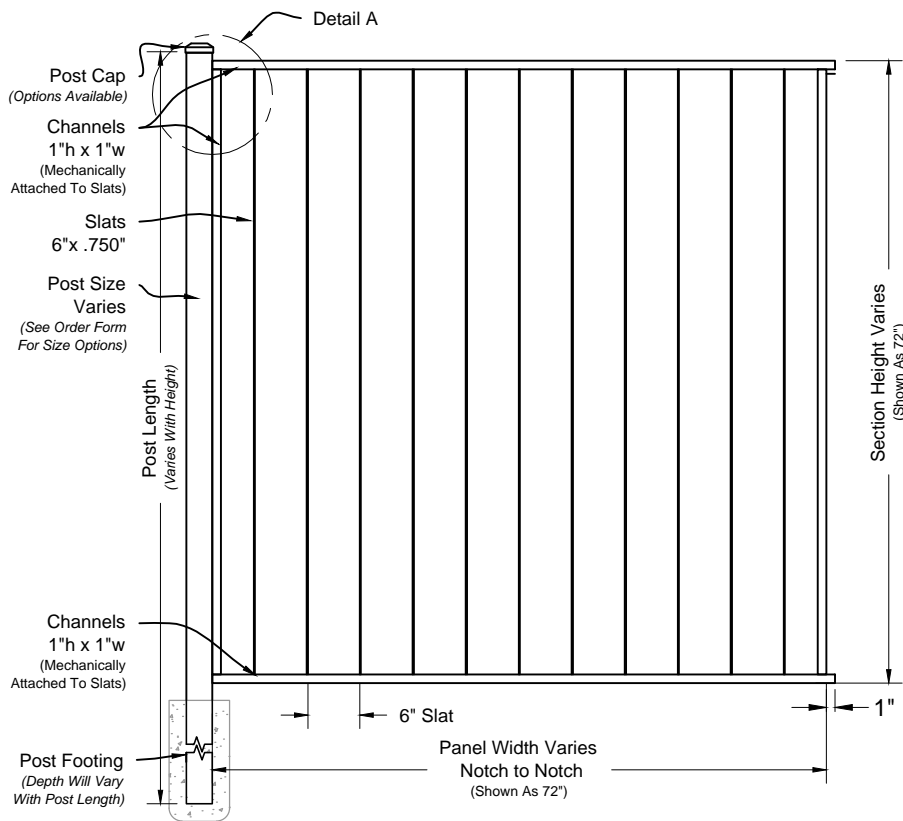
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Louver Single  
Swing Estate  
Gates

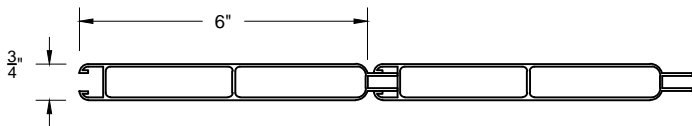
Approved By: iDeal Aluminum      Quote #: \_\_\_\_\_  
Drawn By: JMixon      Drawn Date: 16-Feb-17

3200 Parker Drive      Phone: 386.736.1700  
St Augustine, FL 32084      Fax: 386.822.4956





**i**  
01 Privacy Fence Panel Scale: NTS



**i**  
01 Privacy Material Specs Scale: NTS  
100% Privacy

## Privacy Fence Panel Tongue & Groove Slat



### DRAWING NOTES:

Don't Scale From Drawings.  
Please See Our Fence & Gate Style Sheet For  
Other Options.

Privacy Series  
Fence Details

Approved By: IDEAL DEALS

Quote #:

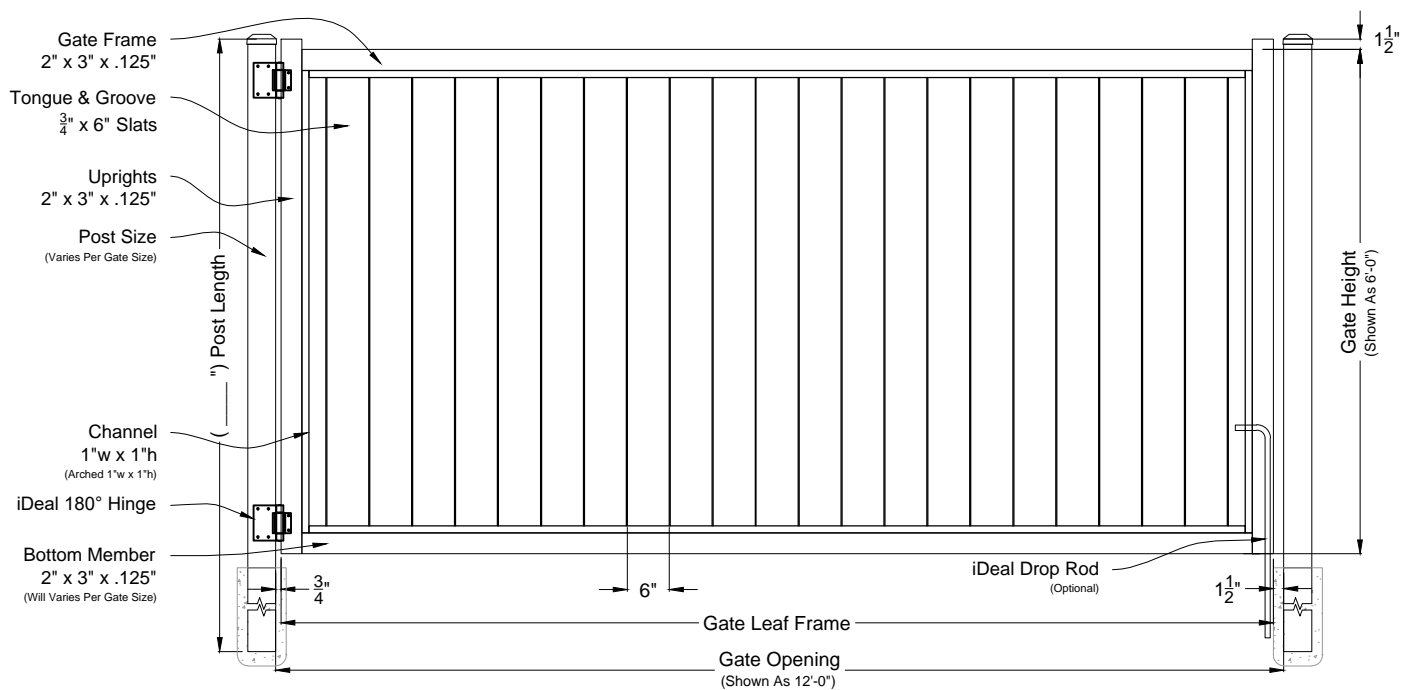
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Drawn Date: 14-Apr-17

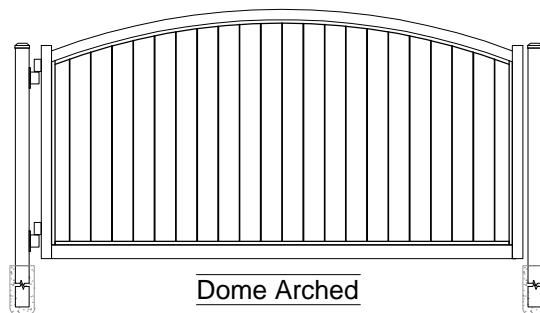
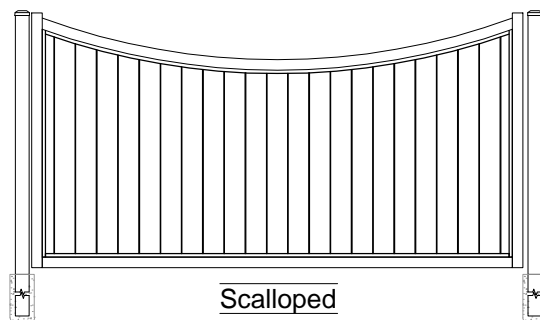
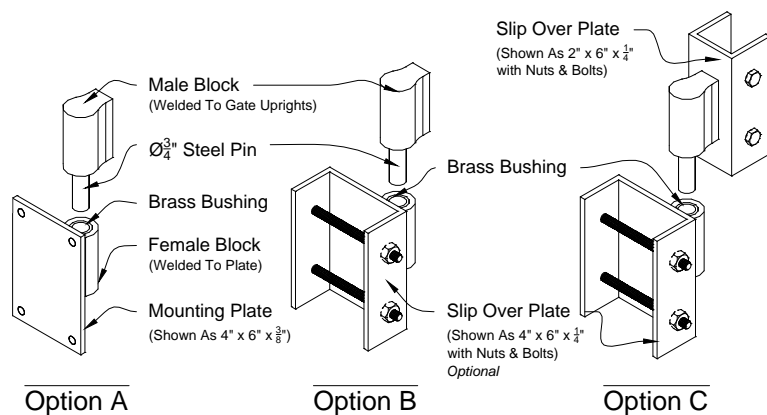
3200 Parker Drive  
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1 OF 1





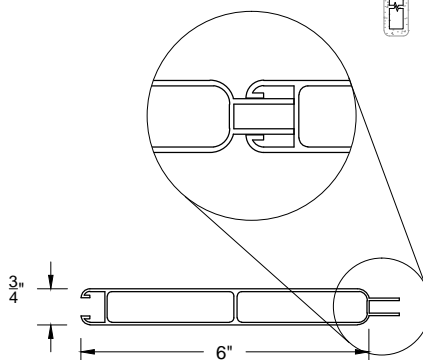
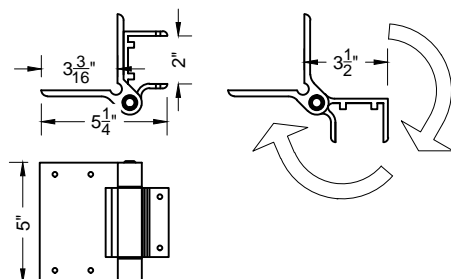
**01 Privacy Single Swing Gate**  
Shown As Tongue & Groove Slats Scale: NTS



**02 iDeal Barrel Hinge**  
Custom To Fit Any Post Size Scale: NTS

**Closed Position**

**Opened Position**



**03 iDeal 180° Hinge**  
Fits 4" Sq & Up Post Scale: NTS

**04 Privacy Material**  
6" Slat Scale: NTS

**Privacy Single Swing Estate Gate**  
Tongue & Groove Privacy Series

**iDeal**  
aluminum  
fence gates railing

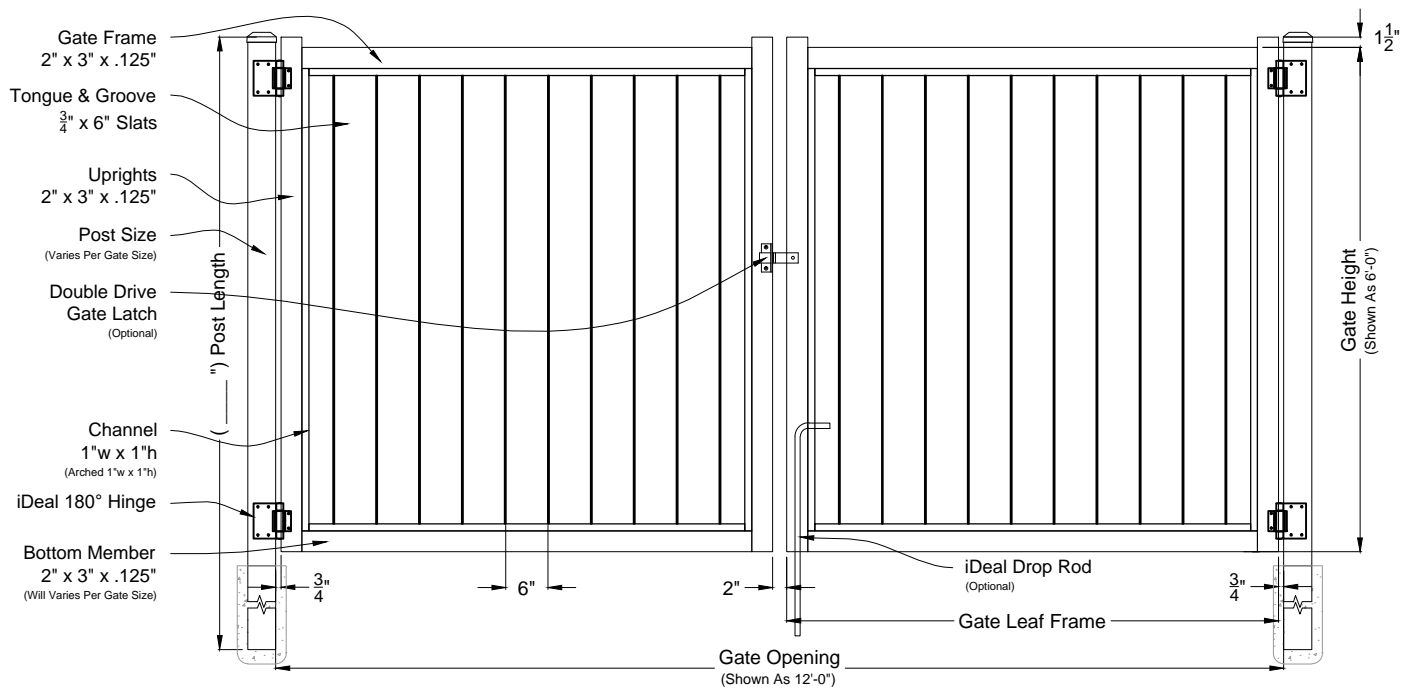
**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

**Privacy Single  
Swing Estate  
Gates**

Approved By: iDeal Aluminum Quote #:   
Drawn By: JMixon Drawn Date: 16-Feb-17

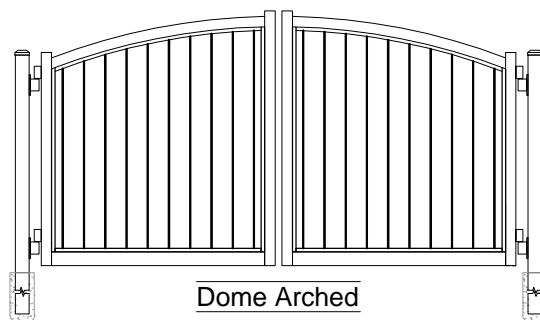
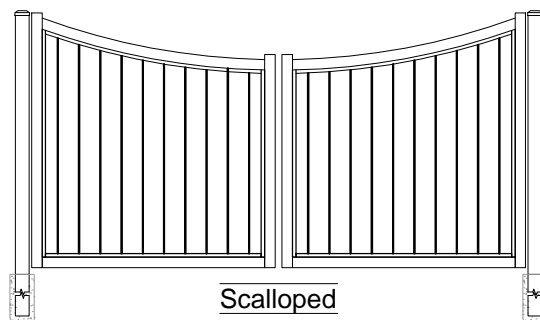
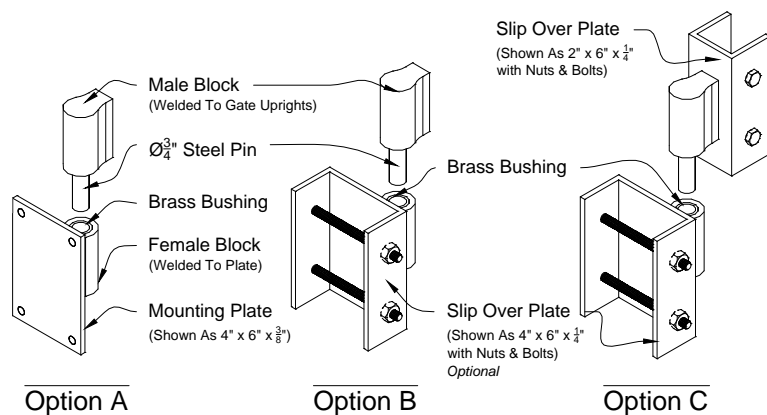
3200 Parker Drive Phone: 386.736.1700  
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1 OF 1



## 01 Privacy Double Swing Gate

Shown As Tongue & Groove Slats Scale: NTS

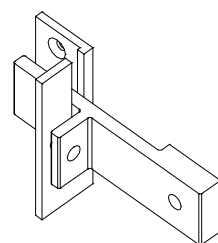
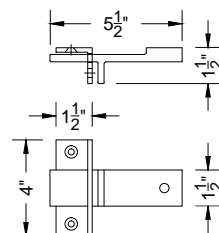
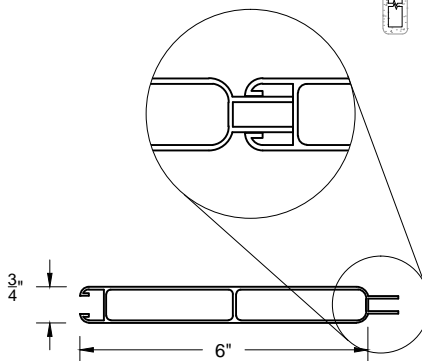
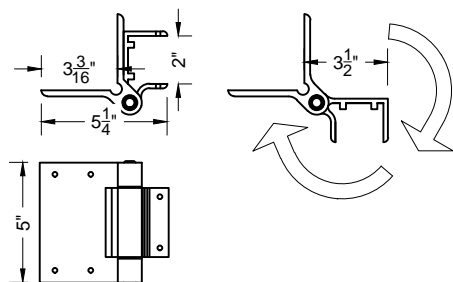


## 02 iDeal Barrel Hinge

Custom To Fit Any Post Size Scale: NTS

Closed Position

Opened Position



## 03 iDeal 180° Hinge

Fits 4" Sq & Up Post Scale: NTS

## 04 Privacy Material

6" Slat Scale: NTS

## 05 iDeal Double Drive Latch

Fits 3/4" to 2" Gap Scale: NTS

Privacy Double Swing Estate Gate  
Tongue & Groove Privacy Series

**iDeal**  
aluminum  
fence gates railing

**DRAWING NOTES:**  
Don't Scale Drawings  
Please See Our Estate Gate Style Sheet For  
Other Options

Privacy Double  
Swing Estate  
Gates

Approved By: iDeal Aluminum Quote #: JMixon  
Drawn By: JMixon Drawn Date: 16-Feb-17

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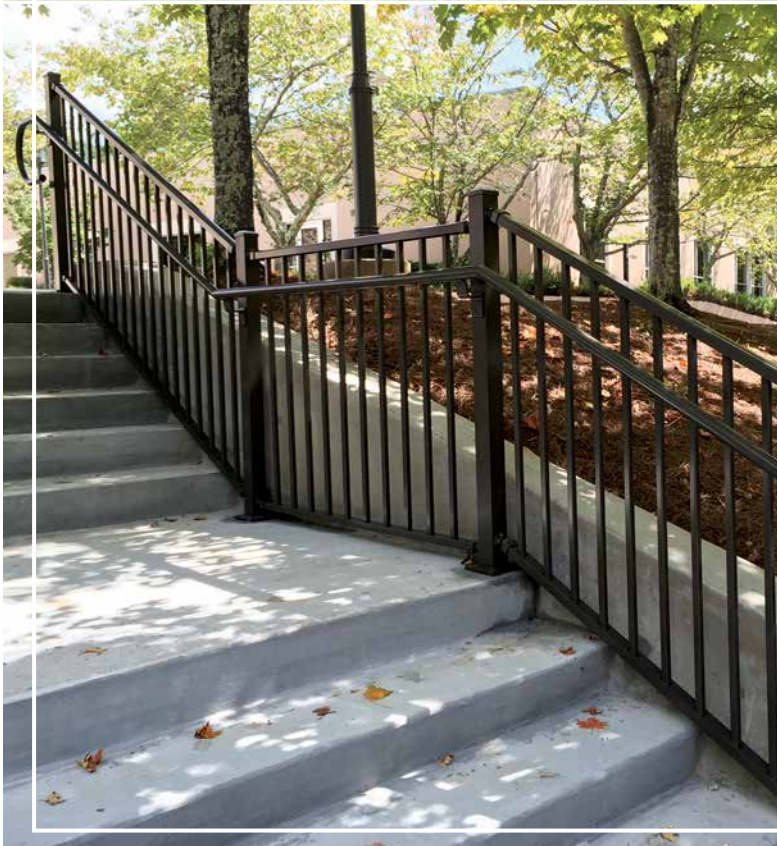


# iDeal

aluminum

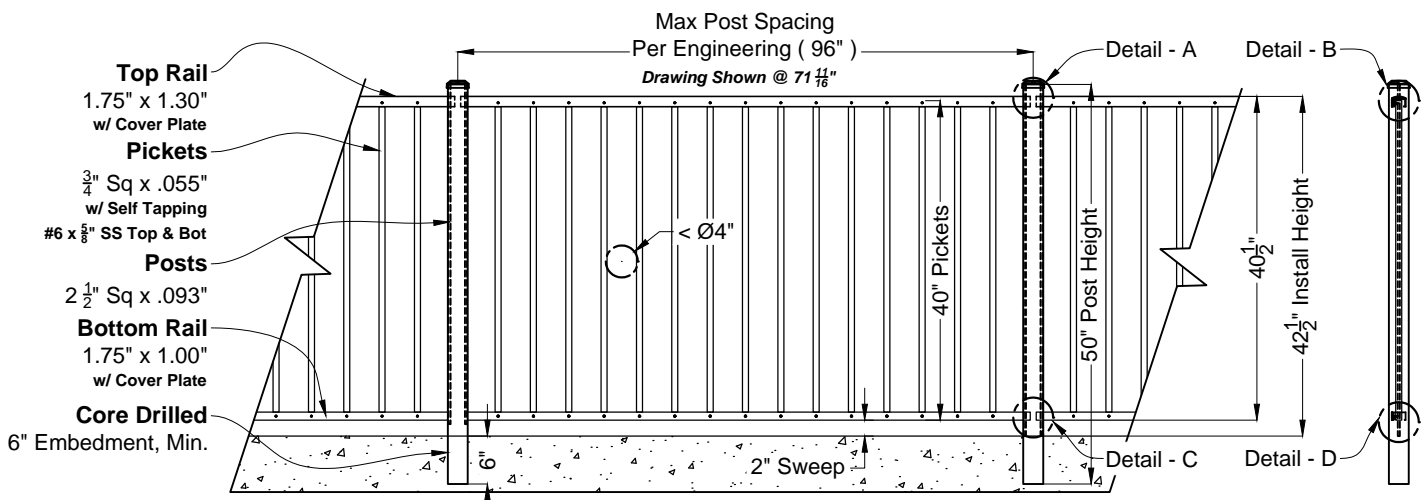
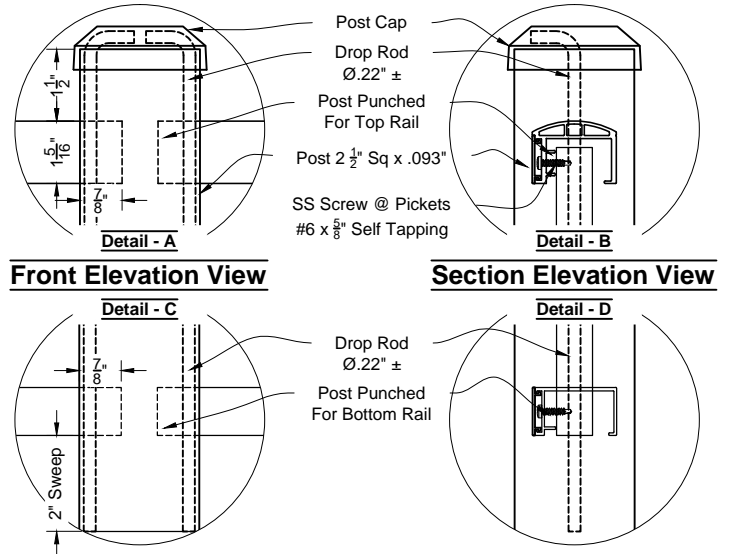
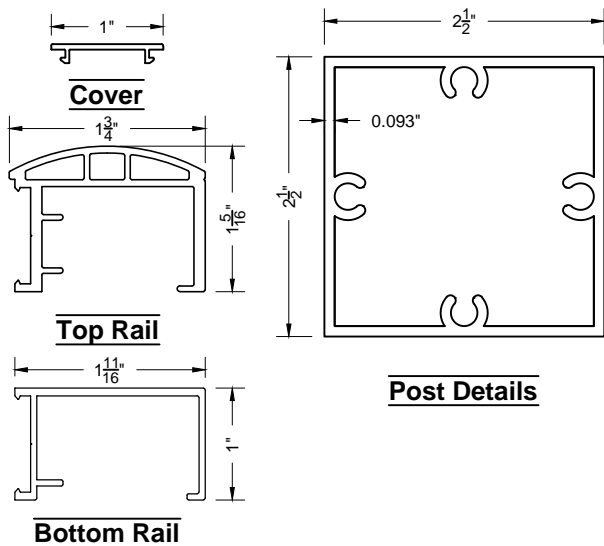
## iDEALRAIL

SIMPLIFYING THE RAILING INDUSTRY





## IDEALRAIL DETAILS



- **Strength is in the engineering:** IDEALRAIL was designed to span an industry leading 8' between posts due to a dual wing top rail and 2-1/2" posts with mechanical flanges.
- **Eliminate complicated stair measurements:** IDEALRAIL will rack up to 40 degrees to accommodate most stair and ramp applications.
- **Eliminate lead times:** IDEALRAIL can be customized in the field to fit all of your projects and stocked in 6' wide and 8' wide preassembled sections.
- **Concealed fasteners:** IDEALRAIL uses our patented snap plate technology to conceal the entire picket to rail connections. Post connections are made internally through a routed post and locking rod.

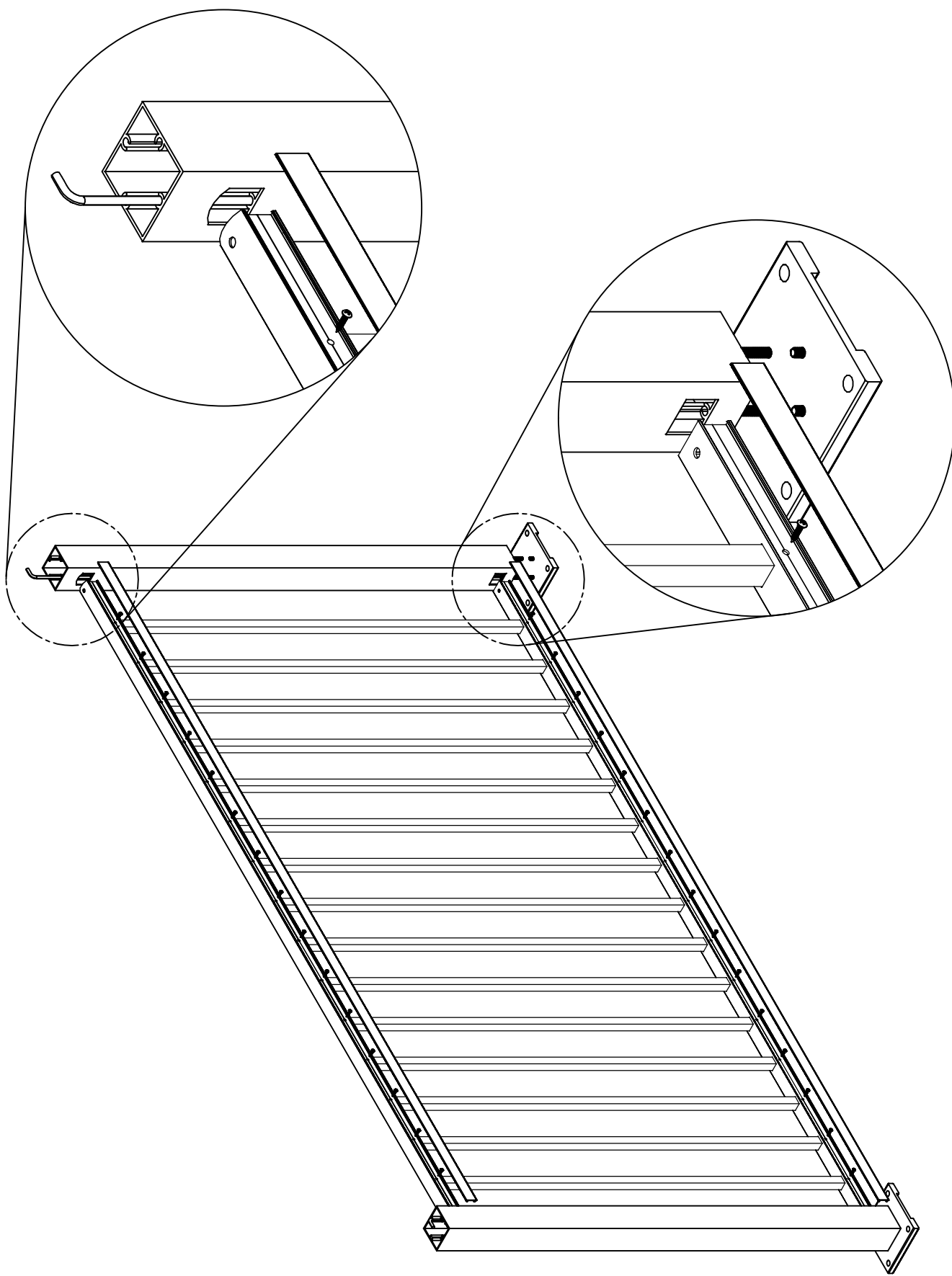
## STANDARD COLORS



**iDeal**  
aluminum

www.ideal-ap.com  
Toll Free: 877.323.6496  
Fax: 877.226.4469

ALL PRODUCTS  
PROUDLY  
MADE IN  
USA



## iDealRail 3D View

Phone: 386-736-1700 / Fax: 386-822-4950

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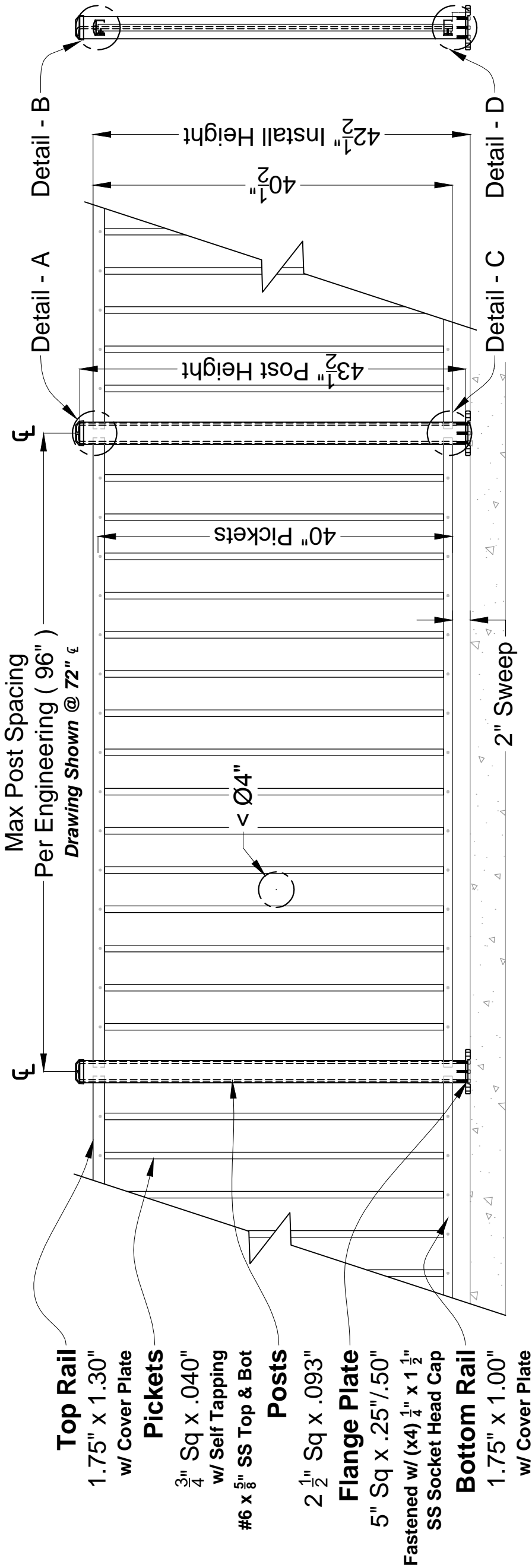
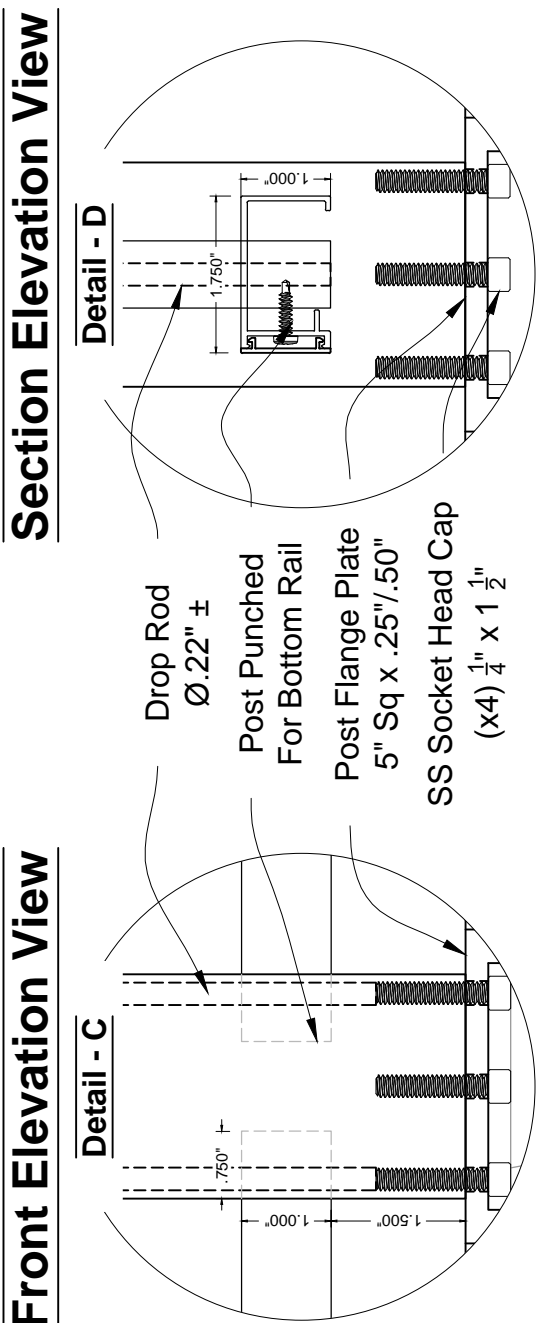
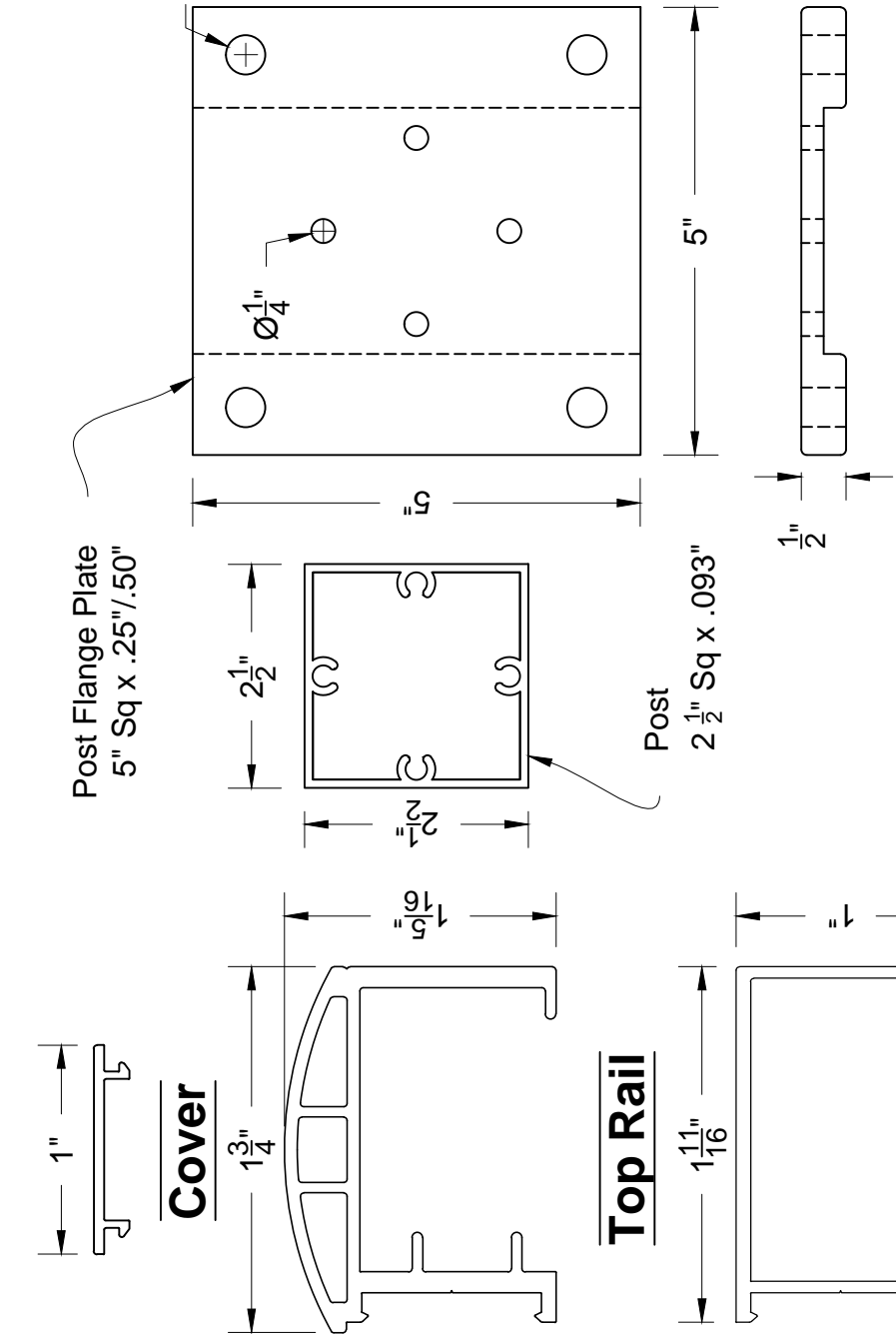
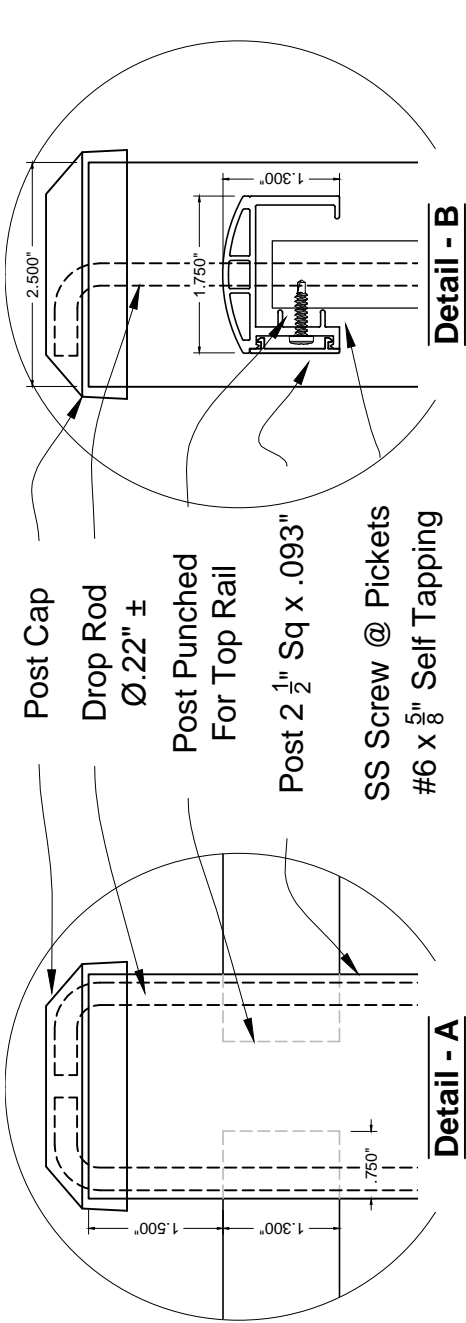
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aluminum

fence

gates

railing



# iDeal

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Division 5 & 32  
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