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## Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

This section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” after editing this section.

Section numbers are from *MasterFormat 2012 Update*.

### SECTION 32 31 19

#### DECORATIVE ALUMINUM FENCES AND GATES

Specifier Notes: This section covers Digger Specialties, Inc. “CourtYard®” decorative aluminum fence systems. Consult Digger Specialties for assistance in editing this section for the specific application.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

Specifier Notes: Coordinate the following sentence with the type of fence specified in Part 2 of this section.

- A. [Residential] [Commercial] [Industrial] decorative aluminum fences and gates.

##### 1.2 REFERENCE STANDARDS

Specifier Notes: List reference standards mentioned in this section, complete with designations and titles. Delete reference standards not included in this edited section. This article does not require compliance with reference standards, but is merely a listing of those used.

- A. AAMA 2604 – Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels.
- B. AAMA 2605 – Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.

Specifier Notes: Delete the following two reference standards if U-frame aluminum gates are not specified.

- C. ASTM F 2200 – Standard Specification for Automated Vehicular Gate Construction.
- D. UL 325 – Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems.

### 1.3 SUBMITTALS

Specifier Notes: Edit submittal requirements as required. Delete submittals not required.

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including installation instructions.
- C. Shop Drawings: Submit manufacturer's shop drawings, indicating materials, dimensions, tolerances, hardware, fasteners, mounting, accessories, and finish.

Specifier Notes: Delete samples if not required.

- D. Samples: Submit manufacturer's standard color samples:
- E. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- F. Test Reports:

Specifier Notes: Edit the following sentence as required.

- 1. Coatings: Submit verification that manufacturer has successfully tested their powder coating process and powder coating finish in compliance with [AAMA 2604] [AAMA 2605] specifications.
  - a. Testing: Performed by qualified, independent testing laboratory.
- G. Cleaning Instructions: Submit manufacturer's cleaning instructions.

H. Warranty Documentation: Submit manufacturer's standard warranty.

#### 1.4 DELIVERY, STORAGE, AND HANDLING

A. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage and Handling Requirements:

1. Store and handle materials in accordance with manufacturer's instructions.
2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
3. Store materials in clean, dry area.
4. Keep temporary protective coverings in place.
5. Protect materials and finish during storage, handling, and installation to prevent damage.

#### 1.5 WARRANTY

A. Warranty Period: Lifetime.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURER

A. Digger Specialties, Inc., PO Box 241, Bremen, Indiana 46506. Toll Free (800) 446-7659. Phone (574) 546-5999. Fax (574) 546-5099. Web Site [www.diggerspecialties.com](http://www.diggerspecialties.com). E-mail [info@diggerspecialties.com](mailto:info@diggerspecialties.com).

#### 2.2 RESIDENTIAL DECORATIVE ALUMINUM FENCES AND GATES

A. Construction:

1. Material: Aluminum.
  - a. Posts: Alloy 6063-T6.
  - b. Rails: Alloy 6063-T6.
  - c. Pickets: Alloy 6063-T52.
2. Hidden picket fasteners and rail locks, no screws.
3. Gates: Welded rails and pickets.
4. Fabrication: Factory preassembled.

Specifier Notes: Specify the required model of residential aluminum fence and delete the others.

B. Model: CourtYard 0124 2-rail arched-picket aluminum fence system with triad finials.

1. Height:

Specifier Notes: Specify the required fence height.

[a. 36 inches (914 mm).]

- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 6 feet (1,828 mm) on center.
- 3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2 inches by 2 inches with 0.060-inch wall thickness.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- 4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
- 5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
- 6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
- 7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required finials. Triad finials are standard.

- 8. Finials: [Triad] [Spear] [Quad].

C. Model: CourtYard 0131 3-rail aluminum fence system with finials.

- 1. Height:

Specifier Notes: Specify the required fence height.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 60 inches (1,524 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 6 feet (1,828 mm) on center.
- 3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2 inches by 2 inches with 0.060-inch wall thickness.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- 4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
- 5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
- 6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
- 7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required picket top. Straight top is standard.

- c. Top: [Straight] [6-inch concave] [6-inch convex].

Specifier Notes: Specify the required finials. Spear finials are standard.

- 8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Two-ring bar is optional. Delete if not required.

- 9. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

- 10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

- D. Model: CourtYard 0132 3-rail aluminum fence system with alternating finials.

- 1. Height:

Specifier Notes: Specify the required fence height.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 60 inches (1,524 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 6 feet (1,828 mm) on center.
- 3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2 inches by 2 inches with 0.060-inch wall thickness.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- 4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
  - [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
  - [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
  - [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
  - [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
- a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Two-ring bar is optional. Delete if not required.

9. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].
- E. Model: CourtYard 0141 4-rail aluminum fence system with finials.
- 1. Height: 72 inches (1,829 mm).

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,829 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required picket top. Straight top is standard.

- c. Top: [Straight] [6-inch concave] [6-inch convex].

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Two-ring bar is optional. Delete if not required.

9. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

F. Model: CourtYard 0142 4-rail aluminum fence system with alternating finials.

1. Height: 72 inches (1,829 mm).

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,829 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Two-ring bar is optional. Delete if not required.

9. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

- G. Model: CourtYard 0220 2-rail aluminum fence system with flat top.

Specifier Notes: This fence system meets BOCA pool code requirements for height and picket spacing.

1. Height: 48 inches (1,219 mm).

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]

5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
- a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.
- H. Model: CourtYard 0230 3-rail aluminum fence system with flat top.
1. Height:

Specifier Notes: Specify the required fence height. 55-inch fence height meets BOCA pool code requirements for height and picket spacing.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 55 inches (1,397 mm).]
- [e. 60 inches (1,524 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2 inches by 2 inches with 0.060-inch wall thickness.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
  - [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]

- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
  - [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
- a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Two-ring bar is optional. Delete if not required.

8. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.
- I. Model: CourtYard 0233 3-rail aluminum fence system with flat top and alternating finials.
1. Height:

Specifier Notes: Specify the required fence height. 55-inch fence height meets BOCA pool code requirements for height and picket spacing.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 55 inches (1,397 mm).]
- [e. 60 inches (1,524 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2 inches by 2 inches with 0.060-inch wall thickness.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
  - [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.060-inch (1.5-mm) wall thickness.]
  - [b. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
  - [c. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
  - [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
  - [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
- a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required finials.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.
- J. Model: CourtYard 0240 4-rail aluminum fence system with flat top.
- 1. Height: 72 inches (1,829 mm).

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,829 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Two-ring bar is optional. Delete if not required.

8. Two-ring bar.

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

- K. Model: CourtYard 0243 4-rail aluminum fence system with flat top and alternating finials.
  1. Height: 72 inches (1,829 mm).

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,829 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2 inches (51 mm) by 2 inches (51 mm), 0.090-inch (2.3-mm) wall thickness.]
- [b. 2 inches (51 mm) by 2 inches (51 mm), 0.125-inch (3.2-mm) wall thickness.]
- [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.2-mm) wall thickness.]
- [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.7-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-inch (51-mm) by 2-inch (51-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-inch (51-mm) by 2-inch (51-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.080-inch (2-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.055-inch (1.40-mm) wall thickness.
7. Pickets:
  - a. Size: 5/8 inch (16 mm) by 5/8 inch (16 mm), 0.045-inch (1.1-mm) wall thickness.
  - b. Spacing: 3.792 inches (96 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

L. Finish:

Specifier Notes: Specify the powder coating type. AAMA 2604 powder coating is standard. AAMA 2605 powder coating is an optional upgrade.

1. Powder Coating: [Verified AAMA 2604 compliant] [Verified AAMA 2605 compliant].

- a. VOC: 0.

Specifier Notes: Specify the desired color. Consult Digger Specialties, Inc. for availability of custom colors.

- 2. Color:
  - a. AAMA 2604 Powder Coating: [Black Fine Texture] [Chocolate] [Clay] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Sandy Shore] [Satin Black] [Silver] [Speckled Walnut] [\_\_\_\_\_].
  - b. AAMA 2605 Powder Coating: [Black Fine Texture] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Satin Black] [\_\_\_\_\_].

Specifier Notes: Metallic Gold is an optional color for the following items. Delete if not desired.

- 3. Post Caps, Rings, Triad Finials, Quad Finials:
  - a. Powder Coating: Verified AAMA 2604 compliant.
  - b. Color: Metallic Gold.

### 2.3 COMMERCIAL DECORATIVE ALUMINUM FENCES AND GATES

- A. Construction:
  - 1. Material: Aluminum.
    - a. Posts and Rails: Alloy 6063-T6.
    - b. Pickets: Alloy 6063-T52.
  - 2. Mounting Rails to Posts: Hidden picket fasteners and rail locks, no screws.
  - 3. Gates: Welded rails and pickets.
  - 4. Fabrication: Factory preassembled.

Specifier Notes: Specify the required model of commercial aluminum fence and delete the others.

- B. Model: CourtYard 1124 2-rail arched-picket aluminum fence system with triad finials.
  - 1. Height:

Specifier Notes: Specify the required fence height.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 6 feet (1,828 mm) on center.
- 3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
7. Pickets:
- a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

Specifier Notes: Specify the required finials. Triad finials are standard.

8. Finials: [Triad] [Spear] [Quad].

- C. Model: CourtYard 1131 3-rail aluminum fence system with finials.
1. Height:

Specifier Notes: Specify the required fence height.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 60 inches (1,524 mm).]
- [e. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
7. Pickets:
  - a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

Specifier Notes: Specify the required picket top. Straight top is standard.

- c. Top: [Straight] [6-inch concave] [6-inch convex].

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Rings are optional. Delete if not required.

9. Rings.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

D. Model: CourtYard 1132 3-rail aluminum fence system with alternating finials.

1. Height:

Specifier Notes: Specify the required fence height.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 60 inches (1,524 mm).]
- [e. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]

- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
- 5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
- 6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
- 7. Pickets:
  - a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

- 8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Rings are optional. Delete if not required.

- 9. Rings.

Specifier Notes: Short pickets are optional. Delete if not required.

- 10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

- E. Model: CourtYard 1220 2-rail flat-top aluminum fence system.
  - 1. Height:

Specifier Notes: Specify the required fence height. Both the 48-inch and 54-inch fence heights meet BOCA pool code requirements for height and picket spacing.

- [a. 48 inches (1,219 mm).]
- [b. 54 inches (1,371 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
7. Pickets:
  - a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

F. Model: CourtYard 1230 3-rail flat-top aluminum fence system.

1. Height:

Specifier Notes: Specify the required fence height. 55-inch fence height meets BOCA pool code requirements for height and picket spacing.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 55 inches (1,397 mm).]

- [e. 60 inches (1,524 mm).]
- [f. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 6 feet (1,828 mm) on center.
- 3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- 4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
- 5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
- 6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
- 7. Pickets:
  - a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

Specifier Notes: Rings are optional. Delete if not required.

- 8. Rings.

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

G. Model: CourtYard 1233 3-rail flat-top aluminum fence system with alternating finials.

1. Height:

Specifier Notes: Specify the required fence height. 55-inch fence height meets BOCA pool code requirements for height and picket spacing.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,066 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 55 inches (1,397 mm).]
- [e. 60 inches (1,524 mm).]
- [f. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 6 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 6 feet (1,828 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.065-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.065-inch (1.65-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [c. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [e. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]

6. Rails: 1 inch (25 mm) high, 0.085-inch (2.15-mm) wall thickness by 1-1/8 inches (29 mm) wide, 0.065-inch (1.65-mm) wall thickness.
7. Pickets:
  - a. Size: 3/4 inch (19 mm) by 3/4 inch (19 mm), 0.053-inch (1.34-mm) wall thickness.
  - b. Spacing: 3.65 inches (93 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

H. Finish:

Specifier Notes: Specify the powder coating type. AAMA 2604 powder coating is standard. AAMA 2605 powder coating is an optional upgrade.

1. Powder Coating: [Verified AAMA 2604 compliant] [Verified AAMA 2605 compliant].
  - a. VOC: 0.

Specifier Notes: Specify the desired color. Consult Digger Specialties, Inc. for availability of custom colors.

2. Color:
  - a. AAMA 2604 Powder Coating: [Black Fine Texture] [Chocolate] [Clay] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Sandy Shore] [Satin Black] [Silver] [Speckled Walnut] [\_\_\_\_\_].
  - b. AAMA 2605 Powder Coating: [Black Fine Texture] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Satin Black] [\_\_\_\_\_].

Specifier Notes: Metallic Gold is an optional color for the following items. Delete if not desired.

3. Post Caps, Rings, Triad Finials, Quad Finials:
  - a. Powder Coating: Verified AAMA 2604 compliant.
  - b. Color: Metallic Gold.

## 2.4 INDUSTRIAL DECORATIVE ALUMINUM FENCES AND GATES

A. Construction:

1. Material: Aluminum.
  - a. Posts and Rails: Alloy 6063-T6.
  - b. Pickets: Alloy 6063-T52.

2. Hidden picket fasteners and rail locks, no screws.
3. Gates: Welded rails and pickets.
4. Fabrication: Factory preassembled.

Specifier Notes: Specify the required model of industrial aluminum fence and delete the others.

- B. Model: CourtYard 2131 3-rail aluminum fence system with finials.
1. Height:

Specifier Notes: Specify the required fence height.

- [a. 48 inches (1,219 mm).]
- [b. 54 inches (1,371 mm).]
- [c. 60 inches (1,524 mm).]
- [d. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.090-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]

6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
  - a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required picket top. Straight top is standard.

- c. Top: [Straight] [6-inch concave] [6-inch convex].

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Ring kit is optional. Delete if not required.

9. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

- C. Model: CourtYard 2132 3-rail aluminum fence system with alternating finials.
  1. Height:

Specifier Notes: Specify the required fence height.

- [a. 48 inches (1,219 mm).]
- [b. 54 inches (1,371 mm).]
- [c. 60 inches (1,524 mm).]
- [d. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.090-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
- a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Ring kit is optional. Delete if not required.

9. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

D. Model: CourtYard 2141 4-rail aluminum fence system with finials.

1. Height:

Specifier Notes: Specify the required fence height.

- [a. 84 inches (2,133 mm).]
- [b. 96 inches (2,438 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

- 2. Width: 8 feet (2,438 mm) on center.
- 3. Posts: 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.
- 4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [b. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [c. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
- 5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
- 6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
- 7. Pickets:
  - a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required picket top. Straight top is standard.

- c. Top: [Straight] [6-inch concave] [6-inch convex].

Specifier Notes: Specify the required finials. Spear finials are standard.

- 8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Ring kit is optional. Delete if not required.

9. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

E. Model: CourtYard 2142 4-rail aluminum fence system with alternating finials.

1. Height:

Specifier Notes: Specify the required fence height.

- [a. 84 inches (2,133 mm).]
- [b. 96 inches (2,438 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts: 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [b. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [c. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]

6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
  - a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Ring kit is optional. Delete if not required.

9. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

10. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

F. Model: CourtYard 2220 2-rail flat-top aluminum fence system.

Specifier Notes: This fence system meets BOCA pool code requirements for height and picket spacing.

1. Height: 54 inches (1,371 mm).

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.090-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
- [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
- a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.
- G. Model: CourtYard 2230 3-rail flat-top aluminum fence system.
1. Height:

Specifier Notes: Specify the required fence height.

- [a. 48 inches (1,219 mm).]
- [b. 54 inches (1,371 mm).]
- [c. 60 inches (1,524 mm).]
- [d. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.090-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
- a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Ring kit is optional. Delete if not required.

8. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

- H. Model: CourtYard 2233 3-rail flat-top aluminum fence system with alternating finials.
1. Height:

Specifier Notes: Specify the required fence height.

- [a. 48 inches (1,219 mm).]
- [b. 54 inches (1,371 mm).]
- [c. 60 inches (1,524 mm).]
- [d. 72 inches (1,828 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts:

Specifier Notes: Specify the required posts. Standard posts are 2-1/2 inches by 2-1/2 inches with 0.090-inch wall thickness.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.090-inch (2.29-mm) wall thickness.]
  - [b. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [c. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [d. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
- a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].
- I. Model: CourtYard 2240 4-rail aluminum fence system with flat top.
1. Height:

Specifier Notes: Specify the required fence height.

- [a. 84 inches (2,133 mm).]
- [b. 96 inches (2,438 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.

3. Posts: 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [b. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
  - [c. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
  - [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
  - [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
  - [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
  - [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
  7. Pickets:
    - a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
    - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Ring kit is optional. Delete if not required.

8. Ring kit.

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

Specifier Notes: Specify the style of finials on short pickets.

- a. Finials: [Spear] [Triad] [Quad].

- J. Model: CourtYard 2243 4-rail flat top aluminum fence system with alternating finials.
  1. Height:

Specifier Notes: Specify the required fence height.

- [a. 84 inches (2,133 mm).]
- [b. 96 inches (2,438 mm).]

Specifier Notes: Custom section widths less than 8 feet are available. Consult Digger Specialties, Inc. for more information.

2. Width: 8 feet (2,438 mm) on center.
3. Posts: 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.
4. Gate Posts:

Specifier Notes: Specify the required gate posts.

- [a. 2-1/2 inches (64 mm) by 2-1/2 inches (64 mm), 0.125-inch (3.18-mm) wall thickness.]
- [b. 4 inches (102 mm) by 4 inches (102 mm), 0.125-inch (3.18-mm) wall thickness.]
- [c. 6 inches (152 mm) by 6 inches (152 mm), 0.185-inch (4.70-mm) wall thickness.]
5. Post Caps:

Specifier Notes: Specify the required post caps. Flat post caps are standard.

- [a. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) flat.]
- [b. 4-inch (102-mm) by 4-inch (102-mm) flat.]
- [c. 6-inch (152-mm) by 6-inch (152-mm) flat.]
- [d. 2-1/2-inch (64-mm) by 2-1/2-inch (64-mm) ball.]
- [e. 4-inch (102-mm) by 4-inch (102-mm) ball.]
6. Rails: 1-1/2 inches (38 mm) high, 0.100-inch (2.54-mm) wall thickness by 1-1/2 inches (38 mm) wide, 0.070-inch (1.77-mm) wall thickness.
7. Pickets:
  - a. Size: 1 inch (25 mm) by 1 inch (25 mm), 0.065-inch (1.65-mm) wall thickness.
  - b. Spacing: 3.75 inches (95 mm) between pickets.

Specifier Notes: Specify the required finials. Spear finials are standard.

8. Finials: [Spear] [Triad] [Quad].

Specifier Notes: Short pickets are optional. Delete if not required.

9. Short Pickets: 20-inch (508-mm) tall pickets in-between standard pickets at bottom of sections.

K. Finish:

Specifier Notes: Specify the powder coating type. AAMA 2604 powder coating is standard. AAMA 2605 powder coating is an optional upgrade.

1. Powder Coating: [Verified AAMA 2604 compliant] [Verified AAMA 2605 compliant].
  - a. VOC: 0.

Specifier Notes: Specify the desired color. Consult Digger Specialties, Inc. for availability of custom colors.

2. Color:
  - a. AAMA 2604 Powder Coating: [Black Fine Texture] [Chocolate] [Clay] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Sandy Shore] [Satin Black] [Silver] [Speckled Walnut] [\_\_\_\_\_].
  - b. AAMA 2605 Powder Coating: [Black Fine Texture] [Evergreen] [Gloss Beige] [Gloss White] [Metallic Bronze Fine Texture] [Ninety Bronze] [Satin Black] [\_\_\_\_\_].

Specifier Notes: Metallic Gold is an optional color for the following items. Delete if not desired.

3. Post Caps, Rings, Triad Finials, Quad Finials:
  - a. Powder Coating: Verified AAMA 2604 compliant.
  - b. Color: Metallic Gold.

## 2.5 ALUMINUM GATES

Specifier Notes: Specify **one** of the following **three** types of aluminum gates. Delete gate types not required.

- A. Gates: CourtYard aluminum fence system gates.
  1. Construction:
    - a. Rails: Aluminum Alloy 6063-T6.
    - b. Pickets: Aluminum Alloy 6063-T52.
    - c. Rails and pickets welded.
    - d. Fabrication: Factory preassembled.
    - e. Finish: Same AAMA-compliant powder coating as fence.
    - f. Color: Same as fence.
  2. Gate Width:

Specifier Notes: Specify the required gate width.

- [a. 36 inches (914 mm).]
- [b. 42 inches (1,067 mm).]
- [c. 48 inches (1,219 mm).]
- [d. 60 inches (1,524 mm).]
- [e. 72 inches (1,829 mm).]
3. Hinges:

Specifier Notes: Specify the type of gate hinges.

- a. "Tru-Close": Molded polymer hinges with stainless steel components.
- b. "Multi-Fit": Molded polymer hinges with stainless steel components.
- c. Triple-barrel aluminum hinges.

- d. Powder-coated stainless steel hinges.
- 4. Latches:

Specifier Notes: Specify the type of gate latches.

- a. "Magna" Latch Vertical Pull: Keyed, molded, polymer latches with stainless steel components.
- b. "Lokk Latch Deluxe": Keyed, molded, polymer latches with stainless steel components.
- c. "Z-Latch": Keyed, molded, polymer latches with stainless steel components.
- d. Drop-Pin Kit: Powder coated.
- e. Gravity Latches: Powder-coated stainless steel.

Specifier Notes: CourtYard U-frame aluminum gates are from 3 feet to 9'-6" in height. Consult Digger Specialties, Inc. for more information.

- B. Gates: CourtYard U-frame aluminum gates.
  - 1. Compliance:
    - a. ASTM F 2200.
    - b. UL 325.
  - 2. Construction:
    - a. Heavy-duty, U-frame construction.
    - b. Rails: Aluminum Alloy 6063-T6.
    - c. Pickets: Aluminum Alloy 6063-T52.
    - d. Rails and pickets welded.
    - e. Fabrication: Factory preassembled.
    - f. Finish: Same AAMA-compliant powder coating as fence.
    - g. Color: Same as fence.

Specifier Notes: Specify the required gate width. U-frame gates are from 3 to 22 feet in width for single gates and up to 44 feet in width for double driveway gates.

- 3. Gate Width: \_\_\_\_\_.
- 4. Hinges:

Specifier Notes: Specify the type of gate hinges.

- a. "Tru-Close": Molded polymer hinges with stainless steel components.
- b. "Multi-Fit": Molded polymer hinges with stainless steel components.
- c. Triple-barrel aluminum hinges.
- d. Powder-coated stainless steel hinges.
- 5. Latches:

Specifier Notes: Specify the type of gate latches.

- a. "Magna" Latch Vertical Pull: Keyed, molded, polymer latches with stainless steel components.
- b. "Lokk Latch Deluxe": Keyed, molded, polymer latches with stainless steel components.
- c. "Z-Latch": Keyed, molded, polymer latches with stainless steel components.
- d. Drop-Pin Kit: Powder coated.
- e. Gravity Latches: Powder-coated stainless steel.

Specifier Notes: CourtYard cantilever aluminum gates are custom built. They can be from 36 inches to 9'-6" tall for openings from 36 inches and up. Consult Digger Specialties, Inc. for more information.

C. Gates: CourtYard cantilever aluminum gates.

## 2.6 OPTIONS

Specifier Notes: The following paragraphs specify optional products. Specify required options. Consult Digger Specialties, Inc. for more information.

- A. Welded Plates for Posts for Fences and Gates:
  - 1. For installation of posts to top of concrete.
  - 2. Material: Aluminum plate, alloy 6063-T6. 4 inches (102 mm) by 4 inches (102 mm).
  - 3. Finish: Same AAMA-compliant powder coating as fence.
  - 4. Color: Same as fence.
- B. Wall Mounts for Fences:
  - 1. For installation of fence sections to existing structure.
  - 2. Material: Aluminum die cast. Straight or angle.
  - 3. Finish: Same AAMA-compliant powder coating as fence.
  - 4. Color: Same as fence.
- C. Double-Punch Sections for Fences: When more than 12-inch (305-mm) racking per section is needed.
- D. Radius fence sections.
- E. Touch-up Paint:
  - 1. Touch-up paint pens and aerosol spray paint cans.
  - 2. Match color of fence.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine areas to receive fences and gates for property lines and underground utilities.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use of fences and gates.

- C. Do not proceed with installation until unsatisfactory conditions are corrected.

### **3.2 INSTALLATION**

- A. Install fences and gates in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install fences and gates plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.

Specifier Notes: Edit the following paragraph as required for the project. Check with local frost level codes.

- C. Post Holes:
  - 1. Install posts in concrete.
  - 2. Drill post holes 6 inches (152 mm) to 9 inches (229 mm) in diameter and 36 inches (914 mm) minimum depth.
  - 3. Place posts in holes and backfill with concrete from 8 to 10 inches (203 to 254 mm) below grade.
  - 4. Fill remaining hole with dirt or decorative stone.
- D. Install aluminum post stiffeners inside gate posts.
- E. Install gates using manufacturer's supplied hardware and fasteners.
- F. Install caps to top of posts.
- G. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- H. Remove and replace damaged components that cannot be successfully repaired as determined by Architect.

### **3.3 ADJUSTING**

- A. Adjust gates and operating hardware to function properly and for smooth operation without binding.

### **3.4 CLEANING**

- A. Clean fences and gates promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that would damage finish.

### **3.5 PROTECTION**

- A. Protect installed fences and gates to ensure that, except for normal weathering, fences and gates will be without damage or deterioration at time of Substantial Completion.

**END OF SECTION**