



Chain Link Cantilever Slide Gates  
Section 32 31 13  
(For Gates up to 8' high)

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Internal rollers and aluminum cantilever slide gates

1.02 SUBMITTALS

- A. Changes in specification may not be made after the published date of bid. All submittals of substitutions must be approved before bid date.
- B. Shop Drawings of fences and gates with all dimensions, details, and finishes. Drawings must include post foundations.
- C. Product Data: Manufacturer's catalog indicating materials and a letter certifying that all conditions of the specifications have been met.

1.03 Warranty

- A. Manufacture shall provide a limited warranty against failure for the gate, rollers and other parts for a period of 7 years. Failure being any manufacturing defect that prohibits normal operation.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Products from other qualified manufacturers who have five years or more experience manufacturing ornamental picket cantilever slide gates with internal rollers will be considered by the architect as equal if they meet all specifications for design, size gauge of metal parts and fabrication.
- B. Chain link fences and gates must be obtained from a single source.
- C. Approved Manufacturer: Iron World, Howard County, MD  
Phone 301-776-7448  
Fax 301-776-7449  
[www.ironworldfencing.com](http://www.ironworldfencing.com)

2.02 INTERNAL ROLLER ALUMINUM CANTILEVER SLIDE GATE

- A. Gate Frame: Made in accordance with ASTM F 1184 Type II class 2. Gate to be made of Aluminum Alloy 6063-T6. All square members are 2"sq. weighing 0.94 lb/ft. ASTM B221. Complete frame welded to top one piece track and top frame member. Supply 2 truck assemblies that are swivel type having 8 ball bearing wheels that will align in the track during operation of gate. The overhang shall be a minimum of 40% of opening size. Track and frame to withstand a 2500# reaction load.

Iron World Standard Opening	Iron World Standard Support Overhang
6' 0" through 10' 0"	6' 6"
11' 0" through 14' 0"	7' 6"
15' 0" through 22' 0"	10' 0"
23' 0" through 30' 0"	12' 0"
31' 0" through 35' 0"	16' 0"
36' 0" through 40' 0"	16' 0"

For gates 23'0" to 30'0" an additional horizontal rail shall be welded adjacent to the top member of the gate and a 2" x 4" bottom rail shall be used weighing 1.71 lbs/ft. Gates 31'0" to 40'0" shall have dual top tracks welded together to form a single top member; the bottom rail shall be 2" x 4" weighing 1.71 lbs/ft. top tracks require two additional truck assemblies. For gates over 40'0" try our box frame easy glider. For more information call Iron World 301-776-7448.

- B. Gate Finish (Frame)

Choose one: Natural Aluminum  
Or Polyester coated in color to match fence.

- C. Chain Link Filler

Choose one: Galvanized after weaving  
Aluminized  
Extruded PVC  
Extruded & Adhered PVC  
Thermally fused and bonded PVC

Available colors: black, ensor green, woodland green, brown and special colors.

Chain link fabric filler shall be installed using J bolts that are inserted through pre-drilled holes in the frame. To these J bolts the fabric will be attached by means of a tension bar which is laced through the last link of the fabric. The hook bolts are 13" on center and all four sides of the gate. This assures additional support on all 4 sides. The fabric will give additional support to the gate.

- D. Diagonal adjustable 3/16" galvanized cables shall be provided inside each panel of the gate. A single cable shall be the first 8' panel

and in the last overhang panel of the gate. All intermediate 8' sections shall have a double cable (one each direction).

- E. Truck assembly is a swivel type with a galvanized steel base unit and 8 lubricated and sealed ball bearing rollers. Each roller is 2" in diameter and 9/16" in width. The truck shall have 2 galvanized steel side rollers to assure alignment in track. Truck assemblies are held to post brackets using a 1/2" galvanized bolt. Truck assembly to withstand 2,500# reaction load.
- F. Gate post brackets, latch and keepers are galvanized steel.
- G. Gate post are 4" O.D. Single gates with single tracks require 3 gate posts (1 latch and 2 support posts). Single gates with dual tracks require 5 gate post (1 latch post and 2 dual support posts). Double posts require twice the number of support posts, but do not have a latch post.

### PART 3 EXECUTIONS

#### 3.01 POST INSTALLATION

- A. Install posts per manufacturer's recommendation.
- B. Set posts in concrete. Dig holes having a diameter 4 times the diameter of the posts and 6" deeper than the bottom of the posts. Forms are not necessary or recommended. Crown the concrete at top to shed water (except for tennis courts). Posts should be set a minimum depth of 36" for all cantilever gates.

#### 3.02 GATE INSTALLATION

- A. Install gate: Make sure that gate rolls free of binding.
- B. Attach latch and make sure that gate is received by latch in a secure manner.

#### 3.03 CLEANING

- A. Clean up debris and remove from the site.