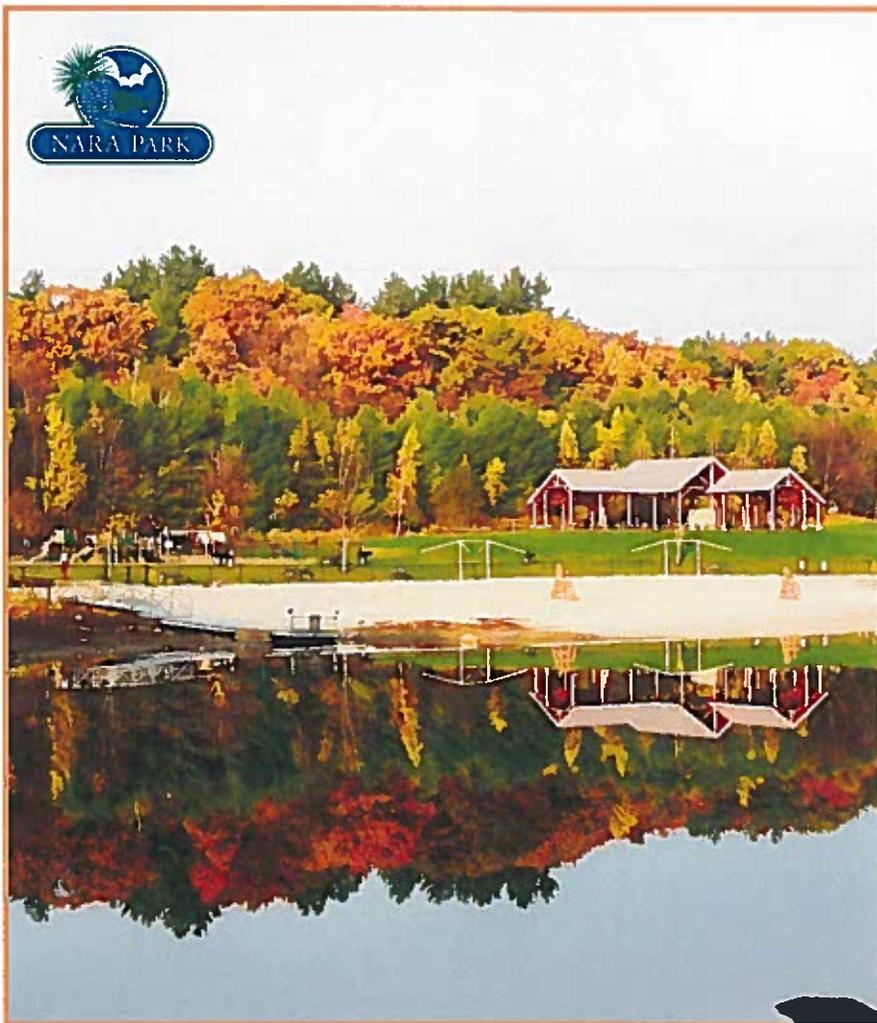


2015



NARA Safety Improvement



CPA Application
Town of Acton
11/17/2014

PROJECT APPLICATION FORM – 2014

Applicant: Town of Acton

Submission Date: 11/17/14

Applicant's Address, Phone Number and Email

Purpose: (Please select all that apply)

Stephen L. Ledoux, Acton Town Manager

472 Main Street

Acton, MA 01720

sledoux@acton-ma.gov

- Open Space
- Community Housing
- Historic Preservation
- Recreation

Town Committee (if applicable): Recreation Commission

Project Name: NARA Safety Improvements

Project Location/Address: 25 Ledge Rock Way, Acton, MA

Amount Requested: \$20,515

Project Summary:

Estimated Date for Commencement of Project: May 2015

Estimated Date for Completion of Project: June 2016

Interior Road Security Gates: Installation of two Automatic Barrier Gates at the top and bottom of the NARA interior road, which connect the lower and upper parking lots.

There is an important need to restrict unauthorized vehicle entrance to the pedestrian walkway that connects the two parking lots, due to speeding vehicles and parking on lawn areas. Posted signs labeled "No Authorized Vehicles" are routinely ignored by a small percentage of NARA visitors. The gates would allow authorized vehicle passage onto the interior road via keypad code entry. The motivation for our concern is public safety. Individuals are regularly seen traveling at unsafe speeds on this paved road that is primarily used by walkers, cyclists and dog walkers. Safety barriers will aid NARA staff and Town Police with controlling use of the park more effectively. When staff is not present after operating hours, it will curtail abuse of park rules.

In the event this project is delayed, we will experience increased difficulty controlling vehicle access to park sites during operating hours and after hours.

Cost Estimate

<i>Automatic Barrier Gates</i>	<i>\$16,190.00</i>
<i>Electrical Installation</i>	<i>\$ 4,000.00</i>
<i>Additional Memory Card</i>	<i>\$ 325.00</i>
<i>Total</i>	<i>\$20,515.00</i>

Attachments:

Quote and Product Flyer from Security Construction Services.

Security Construction Services / Security Fence Company



59 Apsley St. Hudson, MA 01749
Phone: 978-562-0770 Fax: 978-562-0720
DBE WBE Certified
WBENC Certified
DCAM Certified



Proposal Date: 09/26/14

Automatic Barrier Gate

PROJECT: Town of Acton Recreation Department

LOCATION: 25 Ledge Rock Way Acton, MA.

We are pleased to submit this proposal to provide material and labor to install Barrier gates for the above referenced project as described in the scope of work below.

Scope of work included in price:

Doorking 1601-081 Barrier Gates

- (2) Doorking Barrier gate operator
- (2) Doorking 1601-240 wood arm hardware kit
- (2) Doorking wood arm, 14 ft
- (2) Doorking heater kit
- (4) Doorking single channel plug-in syyle loop detector
- Linear AK-11 digital Keypad
- (2) Doorking 1200-45 standard gooseneck, pad mounted
- Price includes footing for operator and gooseneck

Totals

\$ 16,190.00

Notes: Site visit will be required prior to execution of work.
Quote is good for 30 days

Assumptions/ Exclusions:

- Pricing assumes digging and pouring concrete footings in earth.
- Dirt or rocks unearthed from excavated holes to be spread on site. Removal, if required, by others.
- Owner/ GC responsible for staking fence layout prior to install and pulling of any permits.
- Pricing does not include costs associated with digging/ drilling thru ledge or concrete; additional charges will apply depending on degree and quantity of ledge or concrete present
- Electrical work, trenching, conduit work, pulling wire, grounding and electrical permit by others.
- Loam and seed by others.

Respectfully Submitted,

Erik Johnson
Operations Manager
Security Fence Company Commercial Division

Please read, sign and date upon accepting this proposal, it's terms and conditions

Signature

Date



1601 PARKING CONTROL BARRIER GATE OPERATOR

• COMMERCIAL • INDUSTRIAL



- Designed for single lane (14 feet maximum) vehicular control in high traffic applications
- Electronic limit settings
- Operators are designed so that they can be mounted on either the left or right hand side of the roadway
- Available with a 14 foot aluminum or wood arm, or 12 foot plastic arm. A folding arm kit can be added for low headroom applications
- 5-year limited warranty



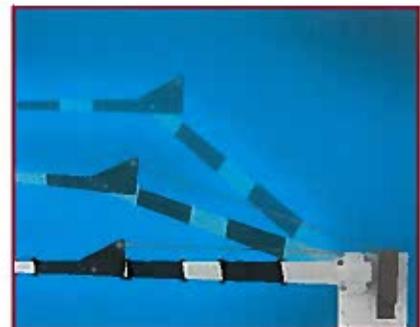
automatic p.a.m.s.
sequencing with slide and swing gates



barrier arms
available in aluminum/wood or plastic
with optional foam padding



fan/heater kits
options available for extreme weather



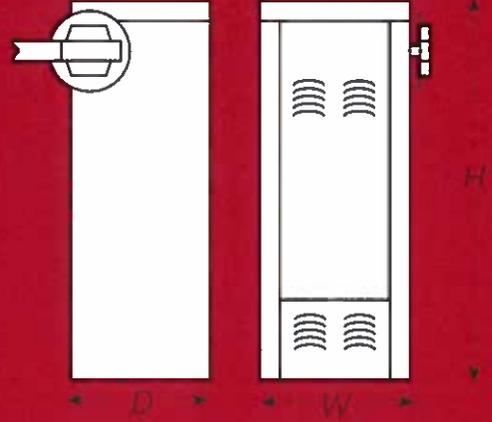
folding arm
kits available for low headroom applications

ACCESS CONTROL **SOLUTIONS**

1601 PARKING CONTROL BARRIER GATE OPERATOR

1601 1/2 HP

15.25" W x 39.5" H x 14.75" D (38.7cm W x 100.3cm H x 37.5cm D)



	CLASS OF OPERATION	MAX ARM LENGTH *	TYPE	MOTOR	INPUT	OPTIONS
1601	II, III, IV	12 Ft (3.6 m) 14 Ft (4.3 m) 14 Ft (4.3 m)	Plastic Wood Aluminum	1/2HP Continuous Duty AC Motor	115 VAC, 60 HZ, 5.4A 230 VAC, 60 HZ, 2.7A* 460 VAC, 60 HZ, 1.4A*	Convenience Open Package † Heater and Fan Kits Folding Arm Kits

* These operators use a step-down transformer to achieve 115 VAC operating voltage

† Optional factory installed DC powered drive system provides an automatic method to open the gate when primary (AC) power fails

Technical Features

Mechanical

Primary Reduction is provided by a 40:1 worm gear reduction system running in a continuous oil bath

Arm rotates 90° in approximately 1.5 seconds

G90 galvanized steel housing, painted white

Fail-secure mechanical release method

Left- or right-hand mount

360° gear box rotation before the motor changes direction. This provides for smooth operation, evens wear across the entire gear-box, and increases the life span of the operator

Electrical

Magnetic electronic limit controls

Auto-close timer 1-23 seconds

P.A.M.S. (Perimeter Access Management System) sequence with a slide or swing gate operator

Up input memory buffer

Down memory option

Multiple up commands

Port for plug-in open (up) detector

Port for plug-in reverse (down) detector

Ports for plug-in loop detectors

Programming switches

Built-in power On/Off switch

Gate Tracker™ reporting output provides operator data to access control system (DKS 1833, 1835, 1837 or 1838 only)

Miscellaneous

Environmental: 10°F to 140°F (-12°C to 62°C)

Thermostatically controlled heater kit recommended for colder environments

Shipping weight approximately 140-160 Lbs (63-72 kg)
Arm kit: 15 Lbs (7 kg)



Access Control Solutions since 1948

Distributed by:

MEMBER:



DOORKING, INC.

120 Glasgow Avenue, Inglewood, California 90301 U.S.A.
Tel: 310-645-0023 FAX: 310-641-1586 www.doorking.com

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Rev 11/12

