

# TORRXUN

FOLDING GATE OVERVIEW & SAMPLES

# TOR • XUN

*/'tôrSHən/*

*noun*

1. powerful, durable, and a twist of flexibility  
produce reliably built and engineered  
products with impressive options.



**10 YEARS OF EXPERIENCE**  
BUILDING EXTRAORDINARY GATE  
PRODUCTS FOR THE MOST  
DISCERNING LOCATIONS ON EARTH

**TORXUN**

WHY  
**TORXUN?**  
VEHICLE ACCESS TECHNOLOGIES

## THIS IS POWER DESIGNED TO BE BEAUTIFUL

### **DESIGNED UP FRONT TO BE FLEXIBLE.**

Our designs are as effective securing an airport or prison as they are securing a multi-family building.

Operator and gate designs prior to Torxun, were often time bulky, ugly, exposed and not design or aesthetic friendly. In some cases, the designs were complex, poorly designed or insecure. Somehow, it felt that the industry has resigned itself to security being industrial and ugly.

With 40+ years of design background in high security gates, we believed differently. We believe that in a world where security has become more important in every facet of access, that creating powerful, flexible and beautifully designed operators and gate systems would meet the ever-expanding needs of facility designers to create access that didn't feel overbearing, ugly or prison-like. We build beautiful operators and gate systems, designed from experience and engineered for years of continuous openings.

Installed At High Security  
Government Installations And  
Some Of The Most Beautiful  
Buildings Designed By Top  
Architects

TORXUN gate systems are designed to prevent obstructions through active contact sensors and passive warning systems to insure protected access.



Anti-obstruction Offered With TORXUN Gate Systems Include:

**Sensors (Active Contact)**

- Best of Class Photo Eye Sensors
- Padded Reversing Edge Sensor
- Ground Loop Sensors

**Visual and Auditory Warning Devices (Passive Warning)**

- Color-Changing Active LED Configuration
- Flashing Light
- Siren | Bell | Buzzer
- Car Coming Signs





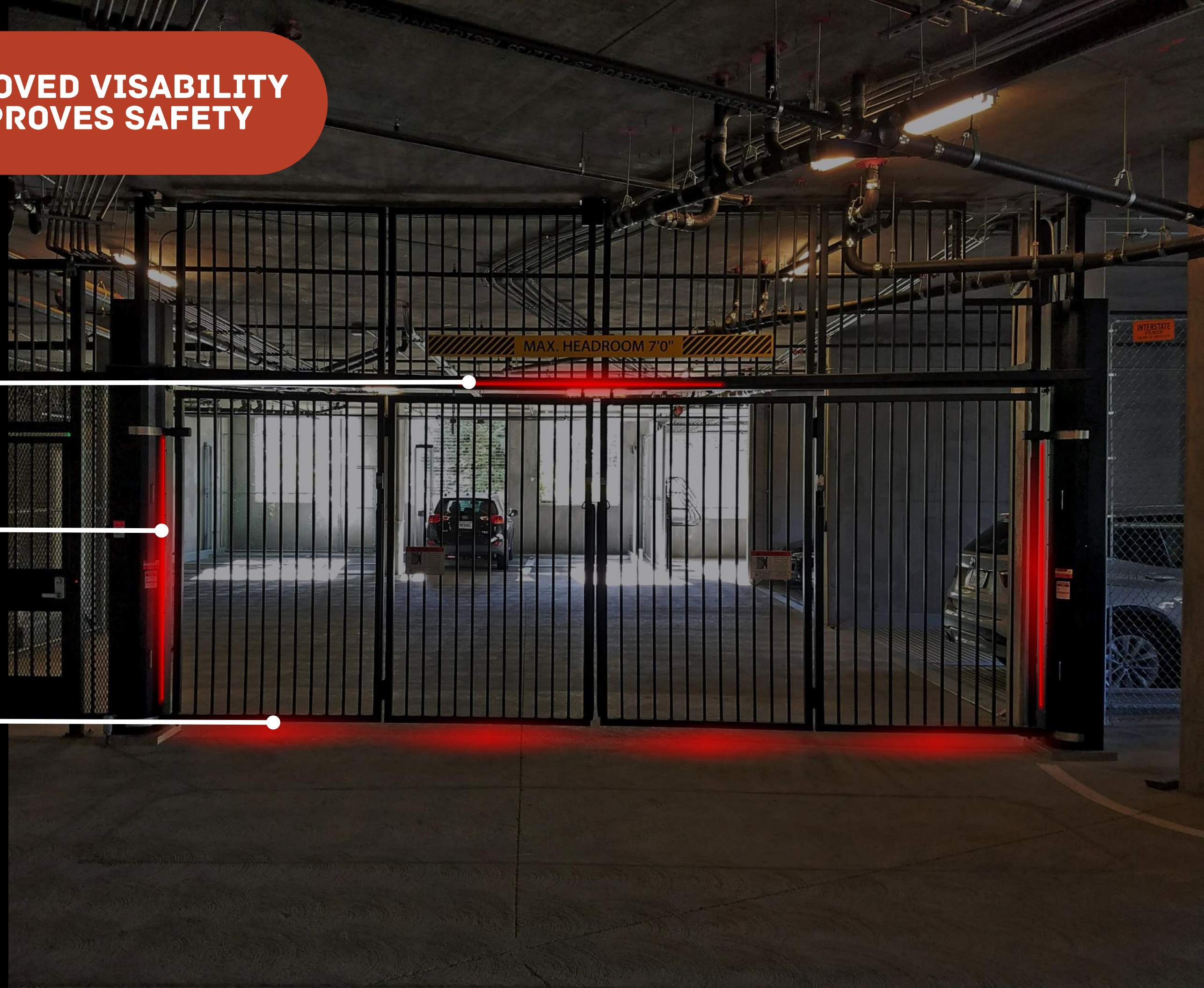
# IMPROVED VISABILITY IMPROVES SAFETY

## Lighting Options Controlled Through The Model 3 Tower

Transom  
(One Each Side)

Tower Edge  
(One Per Tower)

Under Gate  
(One Per Gate Leaf)





# INTEGRATIONS WITH ADDITIONAL FEATURES



Warning Sounds



Self Contained, IP or  
Network Camera

Ground Yoke

Overhead Track

ENGINEERED FROM **40 YEARS OF EXPERIENCE**  
ENGINEERED FOR EFFECIENCY



Torxun's design team realized early that planetary gears would allow high yield movement without using power hungry motors. Competitive products are required to use larger motors to accomplish similar movement due to less efficient designs. The use of more efficient opening requiring less power over the course use produces significantly less cost of ownership, especially in high use environments.



The enemy of mechanical and electrical components is exposure. Torxun engineering designed the tower case out of heavy duty powder coated steel to provide a lifetime of protection from external elements like dust, rain, snow and atmospheric electrical. With the majority of controls and equipment safely sealed inside the case, elemental failures and vandalism are decreased by design.

# WHY TORXUN?

TORXUN GATES AND OPERATOR SOLUTIONS ELIMINATE THE EXCESSIVE DAMAGE, WEAR  
AND ARCHITECTURAL OVERBURDEN THAT OTHER SOLUTIONS CREATE

**TORXUN**  
VEHICLE ACCESS TECHNOLOGIES

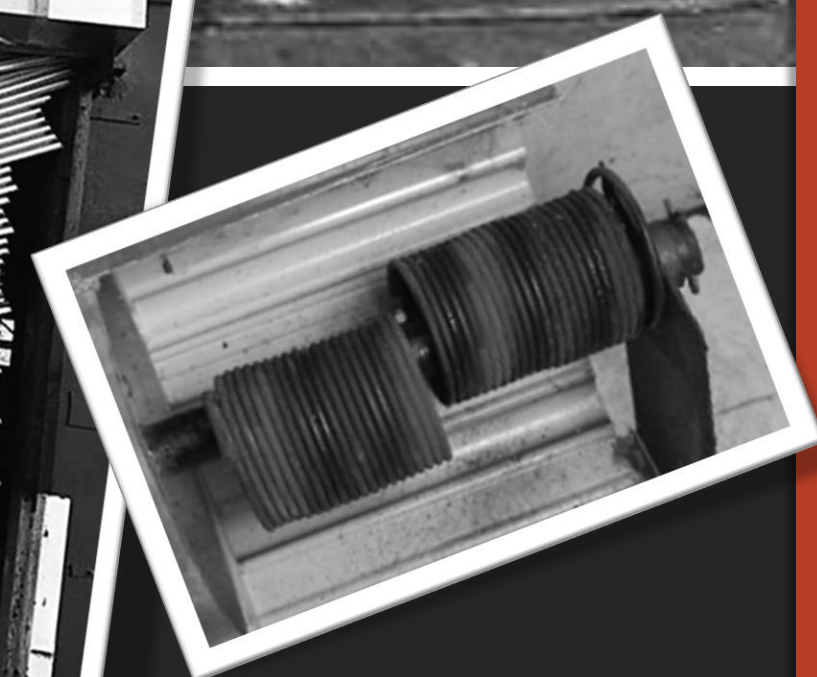




**WHY SUFFER  
LOUD,  
DELICATE  
GATES MADE  
MORE FOR  
RETAIL SPACE  
THAN  
PARKING  
SPACE?**

**Folding Gates Are  
The Ideal  
replacement for  
Roll-Up and Tilt-Up  
Gates**

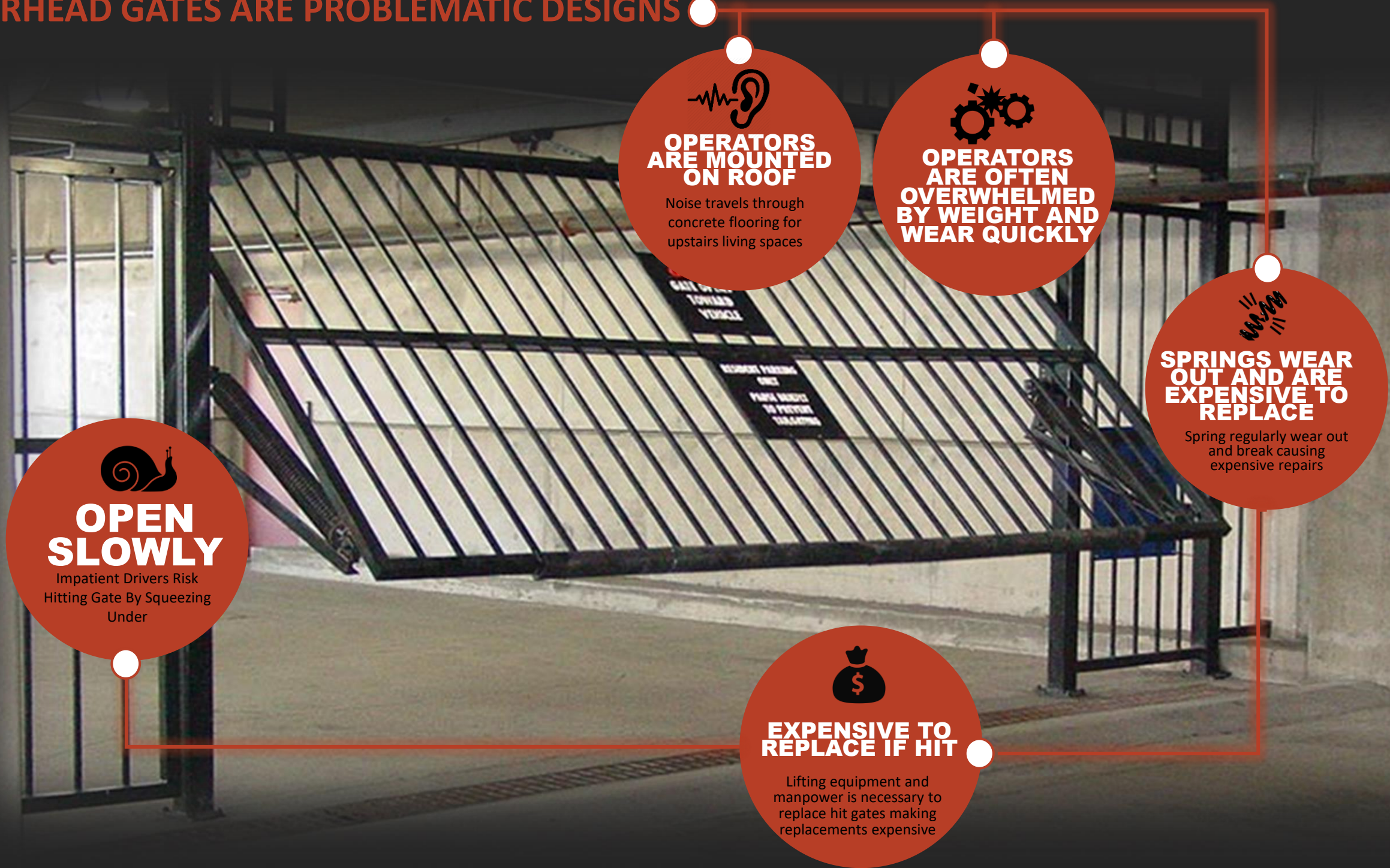
- Folding Gates Are:
- Quiet
  - Strong
  - Repairable If Hit
  - Do Not Have Springs





# WHY FOLDING GATES ARE **PREFERRED** OVER OVERHEAD (TILT-UP) GATES

## OVERHEAD GATES ARE PROBLEMATIC DESIGNS




  
**OPEN SLOWLY**  
Impatient Drivers Risk Hitting Gate By Squeezing Under

  
**OPERATORS ARE MOUNTED ON ROOF**  
Noise travels through concrete flooring for upstairs living spaces

  
**OPERATORS ARE OFTEN OVERWHELMED BY WEIGHT AND WEAR QUICKLY**

  
**SPRINGS WEAR OUT AND ARE EXPENSIVE TO REPLACE**  
Spring regularly wear out and break causing expensive repairs

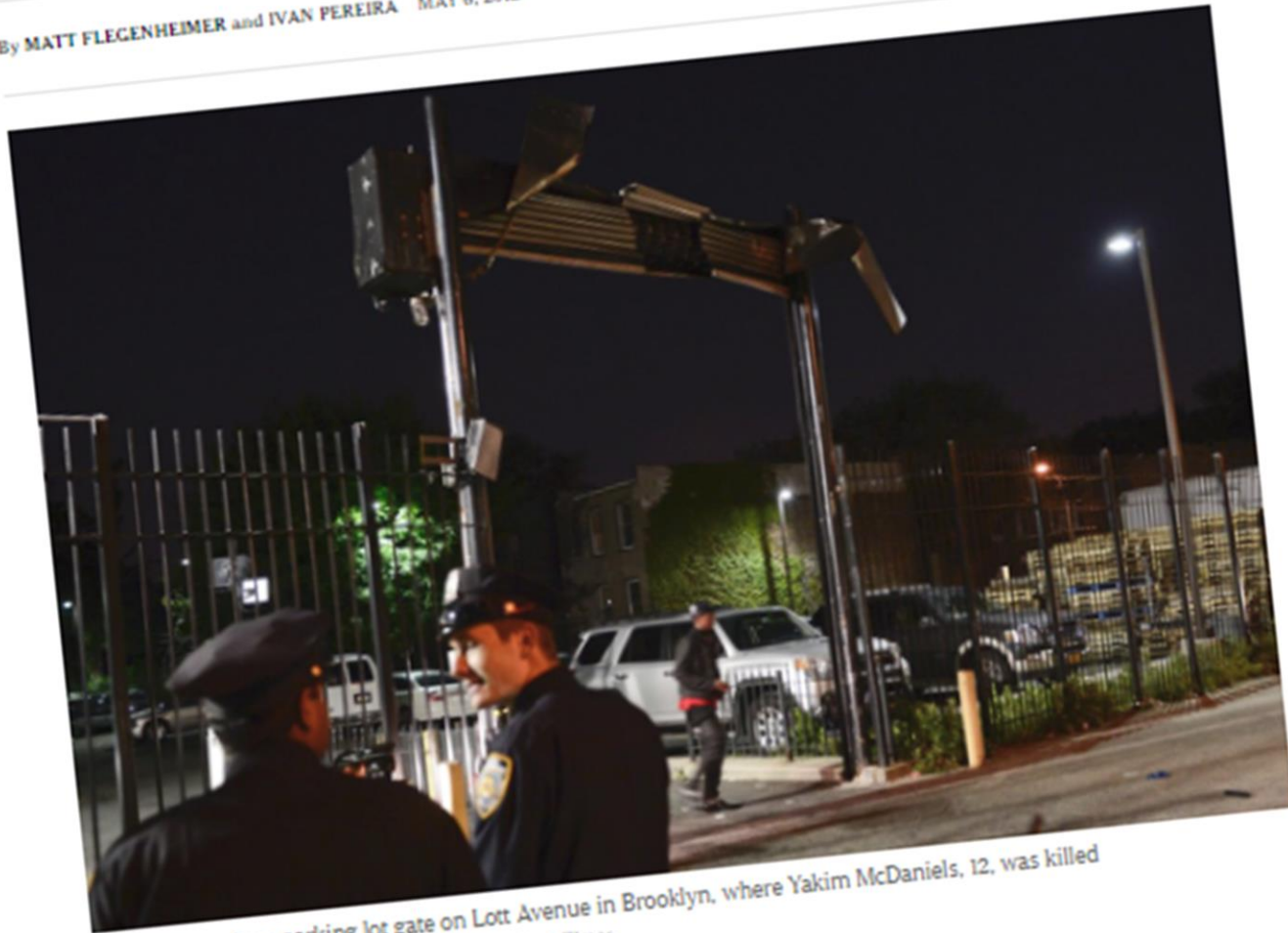
  
**EXPENSIVE TO REPLACE IF HIT**  
Lifting equipment and manpower is necessary to replace hit gates making replacements expensive



N.Y. / REGION

## Boy, 12, Killed by Rising Parking Lot Gate in Brooklyn

By MATT FLEGENHEIMER and IVAN PEREIRA MAY 6, 2012



Police officers by a parking lot gate on Lott Avenue in Brooklyn, where Yakim McDaniels, 12, was killed Sunday afternoon. Robert Stolarik for The New York Times

Her son's interests were like those of many 12-year-olds, Doris Chase said: sports and clothing. He had never played on the roll-up parking lot gate in his Brownsville, Brooklyn, neighborhood. "He'd always be out playing ball," said Ms. Chase, 33. "He liked to dress and look nice."

But at about 4:30 p.m. on Sunday, as her son Yakim McDaniels and a group of friends horsed around at 230 Lott Avenue, his clothing became entangled in a gate apparatus. He was lifted, then crushed at the top of the structure, witnesses said.

Emergency workers were able to extricate him, but he was pronounced dead at Brookdale University Hospital and Medical Center, the authorities said.

On Sunday evening, with candles burning at the base of the gate, Ms. Chase remembered the four words that the witness had told her: "Your son is dead." She did not believe what she had heard.

"I still don't believe it," she said Sunday evening, as friends and relatives gathered to mourn with her.

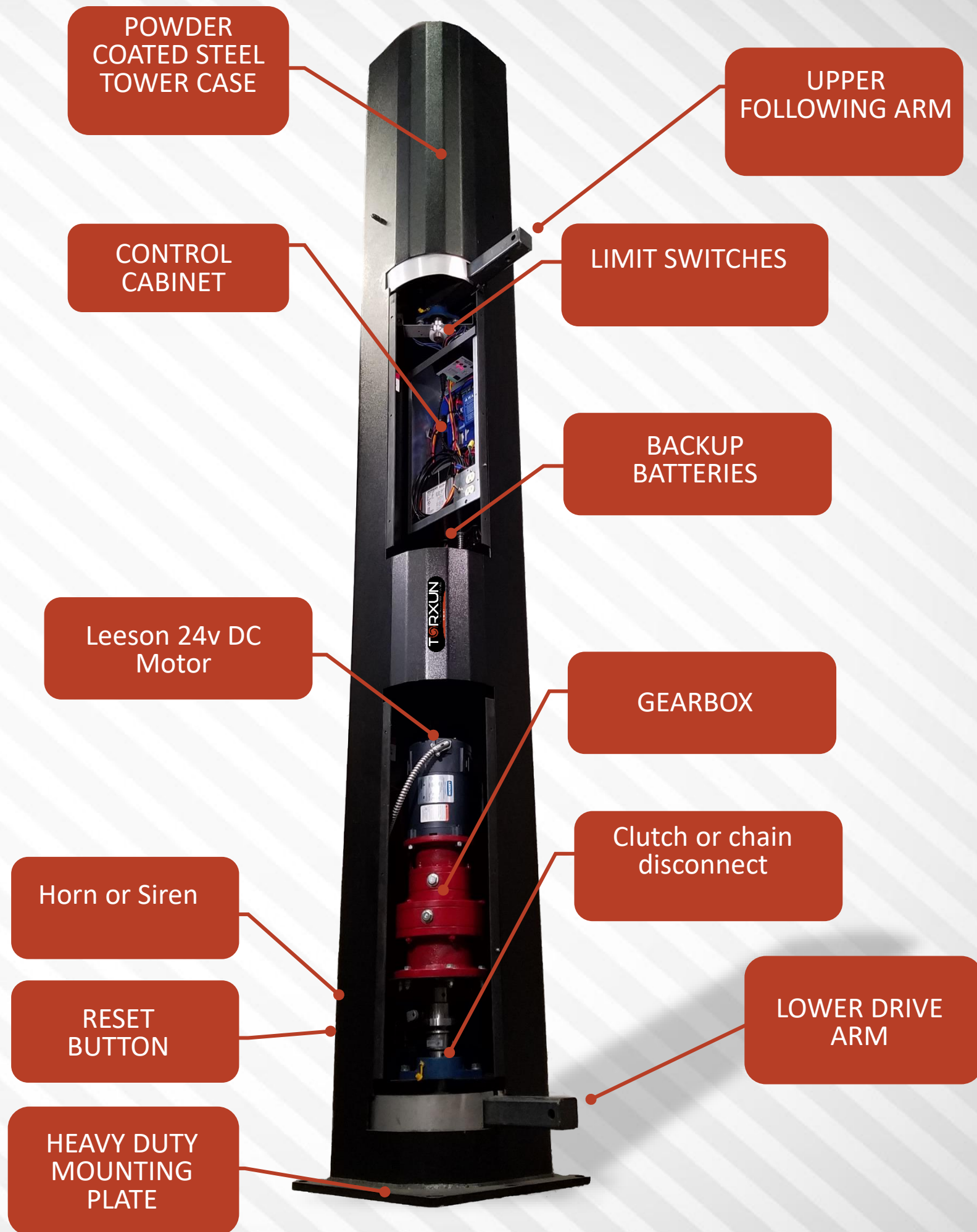
Especially for Multi-Family Housing,  
Safety Is of Top Importance!



# TORXUN

## MODEL **3** TOWER

ENGINEERED TO LAST  
POWER IN SIMPLICITY  
BEAUTIFULLY PROTECTED





# SIMPLE CONFIGURATIONS WITH OR WITHOUT OPERATORS



SIMPLE TO COMPLEX DESIGNS  
**HIGHLY CUSTOMIZABLE** | MAXIMUM SECURITY TO HIGH SECURITY  
HEIGHT AND OPENING WIDTHS



**JUST PLAIN, UGLY!**

Roll-Up Gates Are Bulky,  
Ugly, Industrial, Noisy,  
High Maintenance and  
Easily Damaged.

*Wow - look at  
all that  
exterior  
infrastructure  
showing!!*

**TORXUN**

# PROJECT SAMPLES

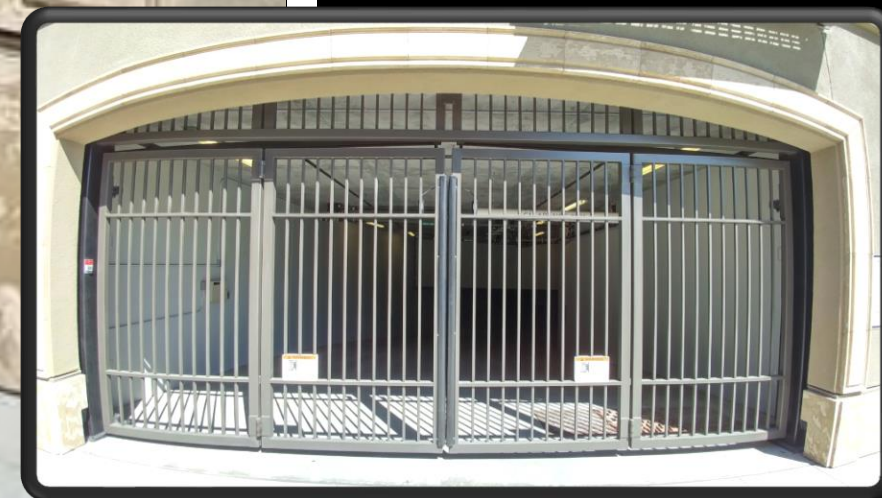
FROM HIGH SECURITY FACILITIES TO PRESIGIOUS MULTI FAMILY BUILDINGS TORXUN GATES AND OPERTORS ARE THE MOST VERSITAL, CUSTOMIZABLE AND ADAPTABLE SOLUTIONS IN THE INDUSTRY.

**TORXUN**

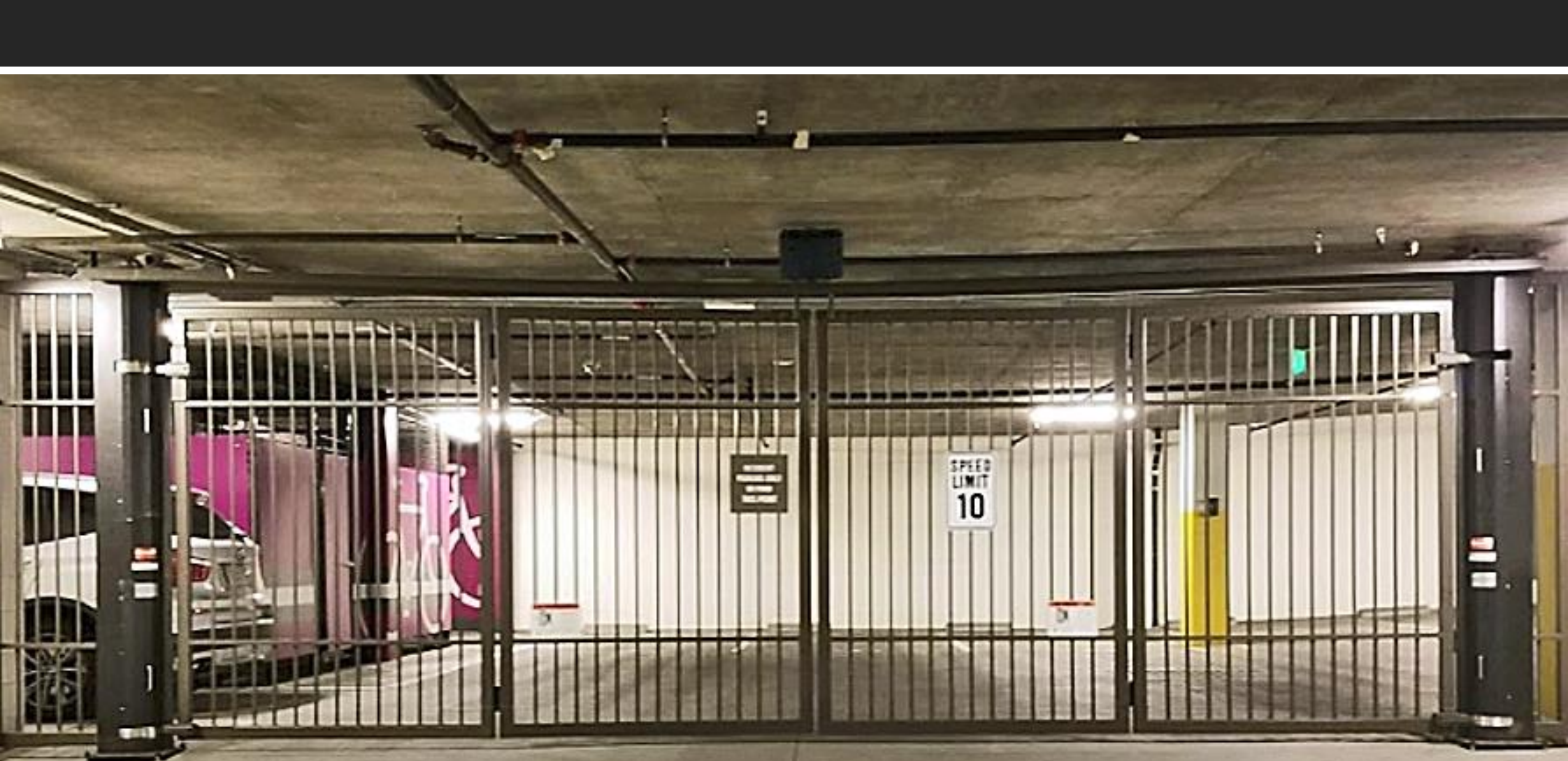




TORXUN  
488 WINSLOW ST  
REDWOOD CITY, CA



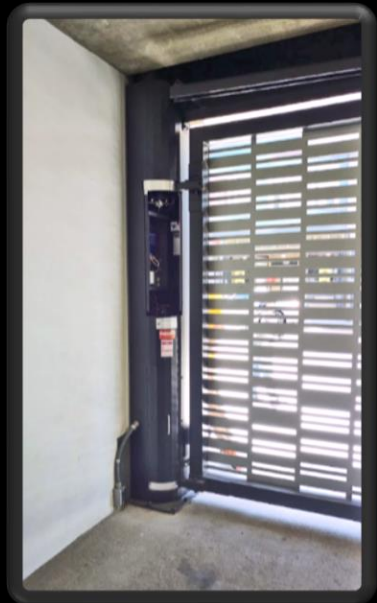




**TORXUN**

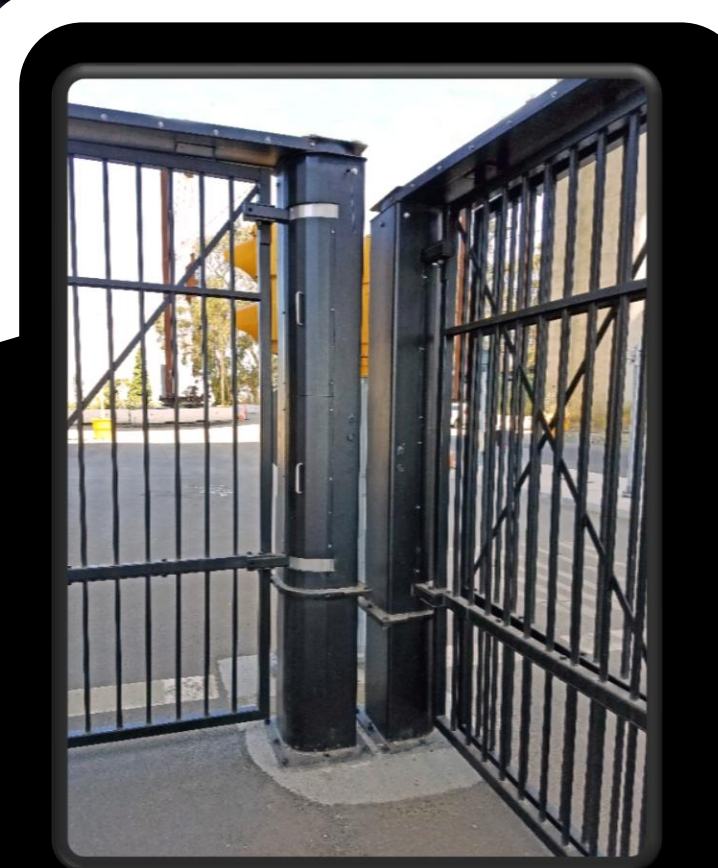
TORXUN  
2580 EL CAMINO REAL  
REDWOOD CITY, CA





TORXUN  
DWIGHT APARTMENTS  
BERKELEY, CA





TORXUN  
US COAST GUARD  
TREASURE ISLAND  
SAN FRANCISCO





UNAUTHORIZED VEHICLES PARKED  
IN DESIGNATED ACCESSIBLE  
SPACES NOT DISPLAYING OR  
DISOBTAINING PLACARDS OR  
SPECIAL LICENSING PLATES ISSUED  
FOR PERSONS WITH DISABILITIES  
WILL BE TOWED AWAY  
AT THE OWNER'S EXPENSE  
TOWED VEHICLES  
MAY BE RECLAIMED AT  
OR BY TELEPHONING

TORXUN  
LAKESIDE SENIOR APT  
OAKLAND, CA



TORXUN  
1180 4TH STREET  
SAN FRANCISCO, CA







GATE  
CLOSED

TORXUN  
SF MEDICAL EXAMINER  
SAN FRANCISCO, CA





TORXUN  
SF MEDICAL EXAMINER  
SAN FRANCISCO, CA

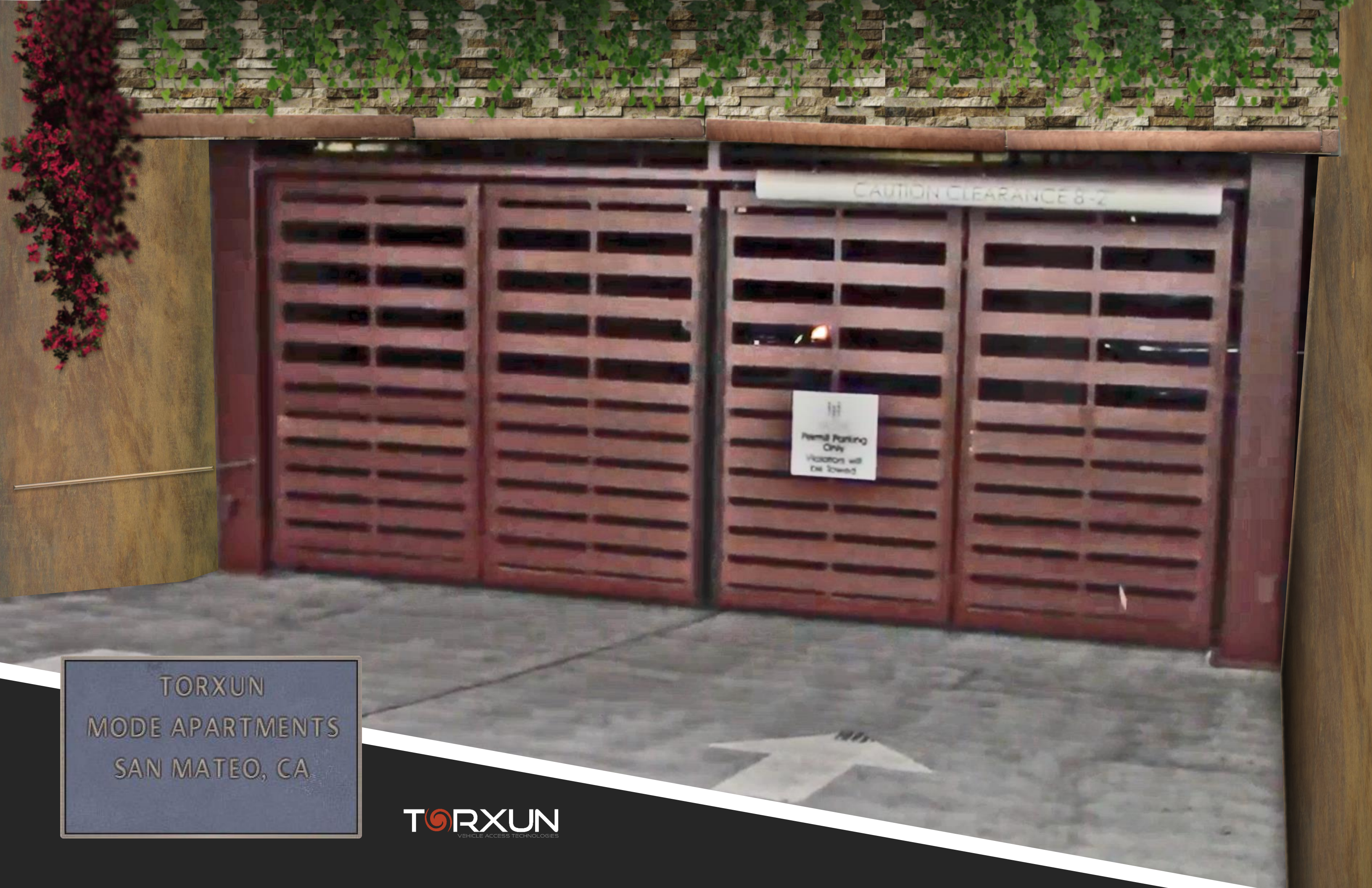




FULLY OPEN

TORXUN  
SF MEDICAL EXAMINER  
SAN FRANCISCO, CA





TORXUN  
MODE APARTMENTS  
SAN MATEO, CA





CAUTION CLEARANCE 8'-2"

Permit Parking  
Only  
Violators will  
be Towed

TORXUN  
MODE APARTMENTS  
SAN MATEO, CA



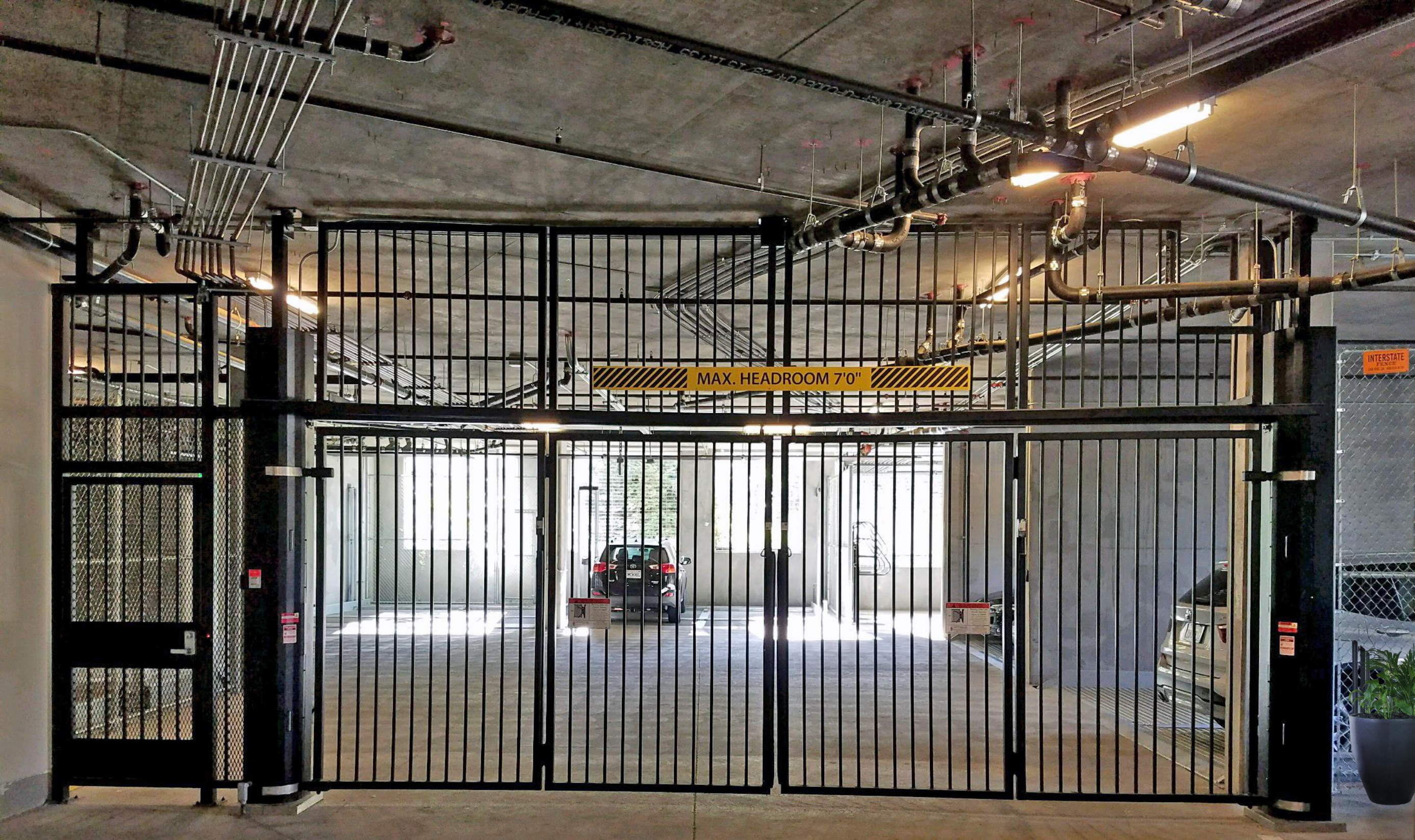
MAXIMUM CLEARANCE 8'-2"

PARKING RESTRICTED  
24 Hrs. A DAY  
TOWED AWAY

TORXUN  
METROPOLITAN  
NORTH  
SAN JOSE, CA

TORXUN





TORXUN  
HOMESTEAD APTS  
LOS ALTOS, CA



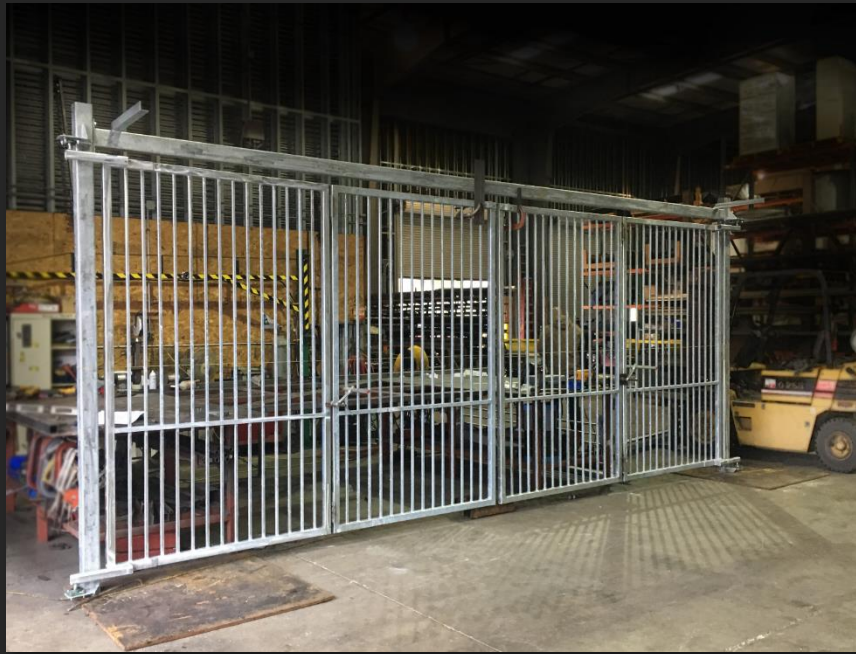


# MODEL 3

MOUNTING DETAIL

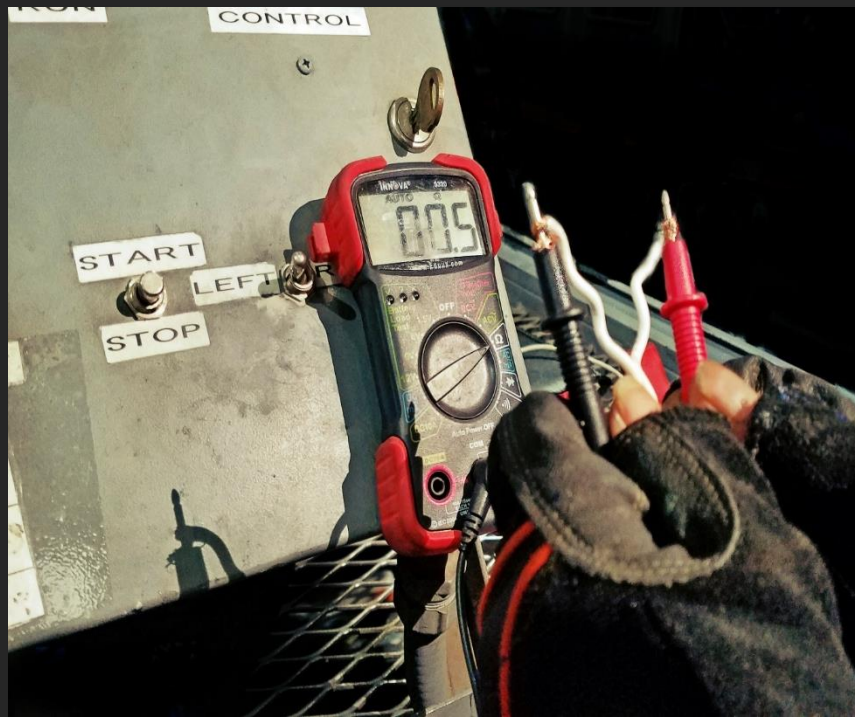
TORXUN





DESIGN

TORXUN  
PRODUCTION  
FACILITY



FINISHING



FABRICATION







Torxun Gate Systems  
are Completely  
Tested, Assembled  
and Coded Prior to  
Shipment for Easy  
Installation

**TORXUN**

PRODUCT CONFIGURATION,  
ASSEMBLY AND TESTING





**TORXUN**

**Torxun**

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[TORXUN.com](http://TORXUN.com)

POWER IS BEAUTIFUL<sup>SM</sup>