

NJ DOT PROJECT REFERENCE NUMBER \_\_\_\_\_  
SPECIFICATION

**Freehold Garage - Door Installation**  
**200 Daniels Way**  
**Freehold, NJ 07728**

The Following is the SCOPE of work for this project as well as all pertinent *MATERIAL* details. Please refer to the attached specifications for specific materials requested for this bid. Please provide all specified materials and associated materials that may be required but not listed for a complete and proper installation.

**Scope:**

- Removal of 4 Interior doors and hardware,( office frame remains ) removal of 3 interior door Frames and removal of (2) Borrowed lites from the Foremans office to garage & Stockroom office to garage
- Installation of 3 New 90 min fire rated FRP doors,1 NON-fire rated FRP door, 3 new hollow metal 90 min fire rated frames and (2) 90 min fire rated burrowed lites w/glazing
- All glass to be clear 90min rated pyran platinum F
- Installation of new door hardware, to match new hardware being installed state wide ( Hardware sets and manufacturer listed below)
- Full perimeter caulk, inside and out. ( CRL- M66- Dark Bronze )
- Large Format I/C cores supplied and installed to match current keying system

**Materials List/Opening:**

- All NON FIRE RATED doors to Be FD55 model with core liner.
- All FIRE RATED doors to be FD90
- All doors to have Dark Bronze FRP face sheets
- All doors to have Dark Bronze anodized trim, and vision kits ( where applicable )
- All Flush Pulls by FRP door Manufacturer ( where noted ) will match Door trim
- All Frames to be replaced to be HOLLOW METAL 90 min rated factory welded and labeled
- All Borrowed Lites to be 90 min rated, **factory welded and labeled.** (4 lites per unit- divided equally)
- All doors to have Dark Bronze Hager 780-224HD Full Mortise roton hinges
- All doors to have Yale Large Format Final I/C cores Keyed as per NJDOT specifications
- All doors to have integral bottom sweep weather seal by Door manufacturer
- All Doors to be keyed as per NJ DOT's Request ( key quantity T.B.D )
- All Existing door contacts to be re-used/re-installed

**Door #1** (Foreman's Office) (LH)

3ft wide x 7ft high - FD55 FRP Door with 1/2 glass vision kit (Installed in existing HM Frame)

- 1" insulated Bronze Tinted Glass
- Yale NEX-TOUCH Lock
- Hager 780-224HD Full Mortise Roton Hinge
- Norton 7500 series closer

**Door #2** (Foreman's Office to Garage) (RH)

3ft wide x 7ft high - 90 min fire rated FD90. FRP Door with 1/2 glass vision kit

- 5 3/4" 90 min rated factory welded and labeled Hollow Metal frame
- 90 min rated clear Pyran Platinum F Glass
- Yale NEX-TOUCH Lock
- Hager 780-224HD Full Mortise Roton Hinge
- Norton 7500 series closer

**Door #3** (Stock Office to Garage) (LH)

3ft wide x 7ft high - 90 min fire rated FD90 FRP Door with 1/2 glass vision kit

- 5 3/4" 90 min rated factory welded and labeled Hollow Metal frame
- 90 min rated clear Pyran Platinum F Glass
- Yale NEX-TOUCH Lock
- Hager 780-224HD Full Mortise Roton Hinge
- Norton 7500 series closer

**Door #4** (Stock Office to Garage)

3ft 8"wide x 7ft high - 90 min fire rated FLUSH-FD90 FRP Door (LHR)

- 5 3/4" 90 min rated factory welded and labeled Hollow Metal frame
- Flush pull x N/L cylinder ( keyed to DOT specifications )
- Yale 7100 series Rim Panic device
- HES 9600 electric strike - Re-use existing access control system
- Hager 780-224HD Full Mortise Roton Hinge
- Norton 7500 series closer

**Borrowed Lite #1** (Foreman's office to Garage)

1- 60"w x 60"h 5 3/4" jamb width, 2" face 90 min rated Borrowed Lite. Factory welded with screw applied 1/2" glazing stop. Lites divided into 4 equal sections

-4 pieces Pyran Platinum F clear 90 min fire rated glass



Model 9600



# 9600 Series

## Surface Mounted Electric Strike

Works with rim exit devices with a 3/4" throw latchbolt

Enhanced

### Above and Beyond

Re-engineered design for greater strength and durability  
Independently verified\*  
*Static strength to 2,000 lbs.*  
*Dynamic strength to 120 ft-lbs.*  
*Endurance 1,000,000 cycles*

Convenient

### Easy Installation

Completely surface mounted for quick installation  
Base is separate from the cover making adjustments easy  
Field selectable fail safe/fail secure

Sophistication

### Stylish Looks

Designed with a stainless steel decorative cover  
Available in 7 finishes to match any decor  
Sleek lines complement ASSA ABLOY exit devices

The Stylish,  
Windstorm  
Rated,  
Surface  
Mounted  
Solution

ASSA ABLOY, the global leader in door opening solutions

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



RIM EXIT DEVICES



FIELD SELECTABLE  
(12 OR 24VDC)



FIELD SELECTABLE  
(FAIL SECURE/  
FAIL SAFE)



GRADE 1



OUTDOOR RATED



UL 1034  
BURGLARY LISTED



ANSI A250.18-2003  
WINDSTORM  
RESISTANT

# 9600 Series

## Surface Mounted Electric Strike

### Features

#### Standard Features

- Installs in metal or wood frames
- Separate base and decorative cover for easy adjustments
- Stainless steel construction
- Static strength to 2,000 lbs.
- Dynamic strength to 120 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail secure/fail safe
- Dual voltage 12 or 24VDC
- Non-handed. Horizontal adjustability
- Five year limited warranty

#### Optional Features

- LBM » Latchbolt monitor
- LBSM » Latchbolt strike monitor

#### Accessories

- 9400/9500/9600-108 » Spacer plate (black or 630 finish)
- 9000-MTK » Metal template kit
- SMB » Surface mounting box
- 2001M » Plug-in bridge rectifier
- 2004M » ElectroLynx® adapter
- 2005M3 » SMART Pac® III
- 2006M » Plug-in buzzer

#### Finishes

- 630 » Satin stainless steel
- 605 » Bright brass
- 606 » Satin brass
- 612 » Satin bronze
- 613 » Bronze toned
- 613E » Dark oxidized satin bronze (NEW)
- 629 » Bright stainless steel

### Specifications

#### Listings and Patents

- UL listed to ANSI 250.13 severe windstorm listed
- Florida Building Code Approved (FL#14307)
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 (6th edition) listed
- ANSI/BHMA A156.31 Grade 1
- RoHS compliant
- Patents: 6,390,520; 8,454,036
- Patent Pending

#### Frame Application

- Metal
- Wood

#### Electrical (continuous duty)

- .45 Amps @ 12 VDC
- .26 Amps @ 24VDC
- PoE friendly

