



**Building Permit Application**  
**City of Portland, Oregon - Bureau of Development Services**  
 1900 SW 4th Avenue, Portland, Oregon 97201 • 503-823-7310 • TTY 503-823-6868 • www.portlandoregon.gov/bds

13-217893-00

**Type of work**

New construction  Addition/alteration/replacement  
 Demolition  Other: *Tenant Improvement*

**Category of construction**

1 & 2 family dwelling  Commercial/industrial  Accessory building  
 Multifamily  Master builder  Other:

**Job site information and location**

Job no.: Job address: *4849 NE 138th Avenue*  
 City/State/ZIP: *Portland, Oregon 97230*  
 Suite/bldg./apt. no.: *N/A* Project name: *Pharmacy Remodel*  
 Cross street/directions to job site:  
 Subdivision: Lot no. Tax map/parcel no.

**Description of work**

*Demo and Move existing interior wall*  
*Install Coiled Security door*

Provide RS Permit no.

Property owner  Tenant

Name: *Costco (Main)* E-mail: *N/A*  
 Address: *999 Lake Drive*  
 City/State/ZIP: *Toscoquah, WA 98027*  
 Phone: *N/A* FAX: *N/A*

Owner installation: This installation is being made on property that I own, which is not intended for sale, lease, rent, or exchange.

Owner signature: Date:

Contractor

Business name: *PNE Corp* E-mail: *pamb@pnecorp.com*  
 Address: *1121 Columbia Blvd*  
 City/State/ZIP: *Longview, WA 98632*  
 Phone: *360-423-5111* FAX: *360-423-2272*  
 CCB lic. no. *78140*

Authorized signature: *Pam Broderius*  
 Print name: *Pamela Broderius* Date: *10/17/13*

Applicant  Contact Person

Business name: *PNE Corp*  
 Contact name: *Pam Broderius*  
 Address: *1121 Columbia Blvd.*  
 City/State/ZIP: *Longview, WA 98632*  
 Phone: *360-423-5111* FAX: *360-423-2272*  
 E-mail: *pamb@pnecorp.com*  
 Authorized signature: *Pam Broderius*  
 Print name: *Pamela Broderius* Date: *10/17/13*

This permit application expires if a permit is not obtained within 180 days after it has been accepted as complete.

**Office Use Only**

Permit no:  
 Date received:  
 By:

**Required Data: One and Two Family Dwelling**

Permit fees\* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Valuation:	<i>N/A</i>
Number of bedrooms:	<i>N/A</i>
Number of bathrooms:	<i>N/A</i>
Total number of floors:	<i>N/A</i>
New dwelling area:	<i>N/A</i> square feet
Garage/carport area:	<i>N/A</i> square feet
Covered porch area:	<i>N/A</i> square feet
Deck area:	<i>N/A</i> square feet
Other structure area:	<i>N/A</i> square feet

**Required Data: Commercial Use**

Permit fees\* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Valuation:	<i>32,500<sup>00</sup></i>
Existing building area:	<i>N/A</i> square feet
New building area:	<i>N/A</i> square feet
Number of stories:	<i>1</i>
Type of construction:	<i>Tenant Improvement</i>
Occupancy groups	
Existing:	<i>Yes</i>
New:	<i>NO</i>

**Notice**

All contractors and subcontractors are required to be licensed with the Oregon Construction Contractors Board under ORS 701 and may be required to be licensed in the jurisdiction in which work is being performed.

**Statement of Fact:** I certify that the facts and information set forth in this application are true and complete to the best of my knowledge. I understand that any falsification, misrepresentation or omission of fact (whether intentional or not) in this application or any other required document, as well as any misleading statement or omission, may be cause for revocation of permit and/or certificate of occupancy, regardless of how or when discovered.

I acknowledge that work related to this Building Permit Application may be subject to regulations governing the handling, removal and/or disposal of asbestos and/or lead-based paint. \_\_\_\_\_ (initials)

**Building Permit Fees\***

Please refer to fee schedule

Fees due upon application	
Amount received	
Date received	

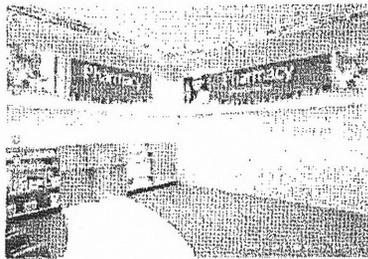
Residential Combo permit subcontractor submittals only can be faxed to 503-823-7693 or e-mailed to BDSsublabels@portlandoregon.gov.



## Rolling Security Shutters

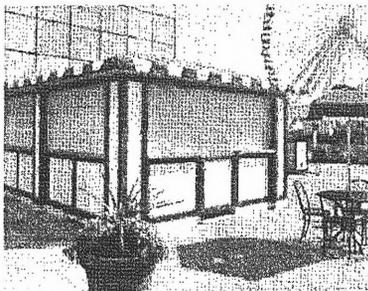
You are here: Home » Products » CounterSafe

### Counter Shutters & Rolling Shutters



- Prevents theft
- Sleek look
- Protects inventory
- Prevents "smash and grabs"
- Easy to operate
- Keylock or slide bolt
- Solid and punched styles
- Smallest box housing available

CounterSafe rolling shutters are perfect for protecting valuable merchandise that is kept behind a counter. Perfect for preventing theft, CounterSafe shutters are used in pharmacies, press boxes, stadiums, concession stands, food counters, and many more! Rolling counter shutters provide a security barrier that is quick to deploy and easy to use. Security counter shutters can be installed on the interior of the application to give it a sleek look.



CounterSafe security roller shutters are perfect for pharmacies, retailers, and businesses located in states with security regulations. Rolling shutters are available up to 18' wide without intermediate vertical members, thus providing a clear and unobstructed access for large openings. The counter shutter base slat can be securely locked with a slide bolt or keylock for maximum protection. Easy push-up/pull-down operation is easy to deploy, enabling employees to secure an area in just a few seconds.

#### ADMIN

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#### PRODUCTS

- [CounterSafe](#)
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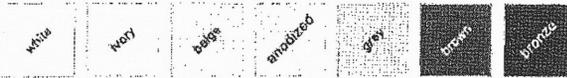
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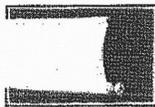


Color Options



Consult actual mfr. product samples for exact color representation.

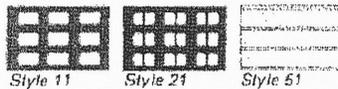
Curtain Profiles



AL7-E Extruded aluminum single wall

Our AL7-E profile is one of our most versatile profiles. The AL7-E can be punched with one of 5 styles for both security and vision. AL7-E rolling shutters have a patented end retention system, so that the slats are restricted from being pushed out of the sidetracks. It also rolls up in a more concentric roll, reducing the head room needed for the coil housing.

AL7 Punch Patterns



*optional*

- Miami-Dade HVHZ Building code approved
- Florida Building Commission (FBC) approved
- Texas Department of Insurance (TDI) approved
- Wind and Impact Test approved

How the CounterSafe shutter emerged

In 1989, Jim Miller moved QMI into a small building in West Chicago with his brother, Steve Miller. Steve focused on sales, which enabled Jim to develop the structure and administration of the business. While visiting his pharmacist, Steve observed a roll down coiling door used to secure the pharmacy. Steve knew a QMI security roller shutter would be a better than the ugly, garage-style door the pharmacy was using for protection. Steve and Jim created a security solution for the pharmacy chain, which eventually became the CounterSafe counter shutters product line, a core business for QMI.

Rolling security shutters by QMI are used by four of the largest pharmacy chains in the United States. QMI's largest counter shutter, coming in at 26' wide and more than 12' high, is used by one Pharmacy chain in every one of their locations. To accommodate the open design of the pharmacy, the counter shutter is mounted to the roof structure and only the curtain is visible dropping through the ceiling. With a flip of a switch or a few turns of a crank, the secured pharmacy is now accessible by customers. The customers cannot see the security roller shutters that protect the valuable narcotics and medicines. Several national pharmacies utilize counter shutters in addition to full-length security rolling shutters.

QMI has cycle-tested these security rolling shutters to replicate over 40 years of use. Due to continuous improvement processes and engineering, the occurrence of warranty work on security rolling shutters is very low. Counter shutters are often used by OEM manufacturers as they incorporate the QMI rolling shutter into the design of their kiosks, cabinets, and even airplane jet-ways. The QMI shutter can be found in almost every large US airport. If you are ever stuck in an airport late at night, take a look at the bookshelves, kiosks, and food counters, you will see security roller shutters with the QMI label. During the day, the shutters disappear into the integrated box housing. Customers don't even notice the security shutters, not even while reaching into the displays to grab a sandwich, candy, or a book.

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pharmacy similar

2.2 ALUMINUM COILING SHUTTERS AT FOOD SERVICE WINDOWS AND SODA ALCOVES

- A. Manufacturer: QMI, 1661 Glenlake Avenue, Itasca, IL 60143, ph: (866) 980-1750 or (630) 529-7111, fax: (630) 980-6364, www.qmishutters.com.
- B. Product: Model AL7-E Rolling Shutters by QMI.
- C. Curtain: Fabricate curtain from extruded 6063-T5 aluminum having a height of 2.4 inches (60 mm). Provide in manufacturer's standard painted color selected by the Architect.
- D. Tracks: Extruded aluminum with factory finish, color matching curtain, lined with insulating woven polypropylene runners. Select track size to match curtain blades.
- E. Housing: Fabricate from 0.040 inch (1.02 mm) thick roll-formed aluminum with cast aluminum end caps. Factory finish, color matching curtain.
- F. Shutters at Food Service Windows: Equip with removable Pole Crank Operator.
- G. Shutters at Soda Alcoves: Furnish with manufacturer's standard spring assist manual operator.
- H. Lock: Furnish with keyed locks at bottom slat slide bolts, configured to provide door security at shutter installation.
- I. Miscellaneous: Furnish complete rolling shutter system, including fasteners, brackets and accessories required for a secure, complete and fully operational system.

12'w x 9'h shutter weighs 200#

color choices:

white      beige      grey      bronze  
ivory      Anodized      brown

## Rolling Security Shutters - 3 Part Specs

### ARCHITECTURAL SPECIFICATIONS: 083300 COILING DOORS AND GRILLES

#### PART 1 - GENERAL

##### 1.01 SUMMARY

1. Section includes interior and exterior overhead Roll-Up security shutters

##### 1.02 SUBMITTALS

1. Product Data: Submit manufacturer's product data for all specified components, including specifications, finish information and installation instructions.
2. Shop Drawings: Submit scaled shop drawings showing layout, sizes and types, product materials, components and accessories, fabrication data, wiring diagrams for motor driven operators, finishes, rough-in dimensions, anchorage with installation requirements and location details.
3. Samples: Manufacturer's standard array of colors for selection by Architect.
4. Quality Assurance Submittals:
  - a. Test Reports: Engineer raised seal test reports showing compliance with specified requirements.
  - b. Certificates: Engineering certification that design criteria meets specified requirements.
  - c. Operating and Maintenance Instructions: Submit detailed maintenance requirements and operating instructions.
  - d. Warranty: Submit specified warranty documents.

##### 1.03 QUALITY ASSURANCE

1. Manufacturer Qualifications: Obtain rolling shutters through one source from a single manufacturer with a minimum of 20 years experience in manufacturing products comparable to those specified in this section.
2. Installer Qualifications:
  - a. Use only manufacturer's factory trained installers or qualified installers approved by shutter manufacturer.
3. Regulatory Requirements:
  - a. Comply with all local and governing code requirements.
  - b. Pre-Installation Conference: Conduct a pre-installation meeting to verify project installation and coordination requirements, and field conditions. Tele-conference is acceptable.
  - c. Electrical Certification: ANSI approved and labeled UL325 as a complete shutter system. Individual testing of components will not be acceptable in lieu of system testing.

#### 1.04 DELIVERY, STORAGE AND HANDLING

1. Deliver components in manufacturer's original, unopened, undamaged containers with identification labels intact. Store components protected from harmful weather conditions and damage from other construction activity.

#### 1.05 PROJECT CONDITIONS

1. Field Measurements: Record actual measurements of openings before fabrication. Show recorded measurements on As-Built drawings.

#### 1.06 WARRANTY

1. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by an authorized company official.
  - a. Warranty period: one year parts and labor, not including scaffolding, lifts, or other means to reach the inaccessible areas.
  - b. Motors and motor control systems: Manufacturer's standard non-depreciating five-year warranty.

*(Specifier Note: Refer to manufacturer's product data and /or consult with manufacturer's representative for warranty information / requirements).*

### PART 2 - PRODUCTS

*(Specifier Note: Typically in the following, where items occur in brackets ( ) select item desired for Project).*

#### 2.01 MANUFACTURER

1. QMI  
1661 Glenlake Avenue  
Itasca, Illinois 60143 USA  
phone: 00 1 630 529 7111

#### 2.02 Other Acceptable manufacturers

1. Substitutions: Not permitted.
2. Requests for substitutions will be considered in accordance with provisions of Section 01600.
3. Alternates: The following products and manufacturers may be bid as an alternate product in accordance with Section 01030. Any pricing for alternate products shall be listed separately from the base bid specified product. Any alternate pricing must include line-by-line compliance or non-compliance with the specifications. If the alternate product is acceptable to the Architect, the specified manufacturer will be given the opportunity to provide an equivalent proposal.
  - a. (list other mfr or product here)
  - b. (list other mfr or product here)

## 2.03 MATERIALS

### 1. Shutter Components:

#### a. Slat Type:

- i. Aluminum Single Wall Slats: Extruded aluminum, 6063-T5 alloy. Solid slats with non-slip hinge. Slip hinges with slotted light slits shall not be permitted due to strength compromise.
  1. End Retention: both ends of each slat to contain #8-18 thread 410 stainless steel, Dacromet 320 coated, screws with a 3/16" shoulder bushing and 1/2" diameter head.
  2. Finger pull slat model AL-FP-A-1 integrated with curtain at 32" AFF (with push up/pull down operation only).
  3. Slat perforations for vision (non-typhoon rated) (P51) (P11)
- b. Bottom Base or Locking Slat: Extruded aluminum, 6063-T6 alloy. Lock bar operation into mortised side rails at bottom of each side rail. Polypropylene felt or rubber gasket at underside of bottom lock slat.
  - i. Slide lock base slat with manual steel slide and thumb turn lockdown at either end of base slat.
  - ii. Key lock (lock CC) base slat with standard key engaging steel slides. ~~Key lock on (non-box or box) side.~~
  - iii. Cylinder lock heavy duty base slat (with or without) thumb turn opposite key (centered or off-center at double doors) engaging steel slides. Key lock on (non-box or box) side.
  - iv. ~~Motorized shutters do not require a lock since the motor maintains the shutter curtain in the down position. A separate locking base slat is not required. Provide non-latching AL7-L-X-X base slat.~~
  - v. Gear operated shutters do not require a separate locking base slat. Provide non-latching AL7-L-X-X base slat.
  - vi. EZ drive operated shutters do not require a separate locking base slat. Provide non-latching AL7-L-X-X base slat.
- c. Operation: (Manual) (110V Motor operated) (14.4V Low Voltage Motor operated).
  - i. Manual operator type: (choose one)
    1. Gear with hand crank: 11:1 drive end gearbox with wall or housing-mounted universal joint with 7mm hex input with (interior-through-the-wall) or (exterior-housing mounted) ~~operation. Removable crank pole with articulating handle.~~
    2. Manual push up/pull down operation with internal drive tube torsion spring lift-assist manufactured to have maximum 35 lbs raise or lower effort.
  - ii. Electric Motor operator type: Single phase 110V-60Hz, UL recognized. Motor model / size to be determined by manufacturer to provide ample lift for shutter size and weight. (Specifier note: motorized operation cannot be used at exit doors due to egress-recommend push up/pull down)

1. Optional crank-operated motor override 32:1 gear ratio. (Specifier Note: manual override capability above is an optional feature, delete if not required).
  2. Maintained single switch operation
  3. Single switch to multiple motors using relays. Requires line of sight operation.
  4. Wireless remote to control (single motor) (groups up to 16 motors)
- iii. EZ drive low voltage system: DC operated tubular shutter motor utilizing a rechargeable, portable 14.4V power pack/"controller" and fixed wall plate receivers. (Specifier Note: limited shutter size to 65 sq. ft. max)
- d. End Caps: Die-cast Aluminum (square) (45 degree) (round) profile. Color to match slats
  - e. Box Cover (hood): Roll formed aluminum; .036 inch thickness, 3105-H14 alloy. Two-piece assembly-profile to match end caps. Color to match slats.
    - i. Shape: shall be (square) (45°)(round).
    - ii. Size: all shutters for project shall be contained in an (6", 6.5", 7", 8", 10" or 12") sized box housing. Sizes larger than (insert largest housing size for project)" shall not be accepted. (Specifier Note: please consult QMI engineering for precise AL7 box housing size as shutter width may affect roll box size -delete this statement from final specification please)
  - f. Track Guides/Side Rails: AL7, Aluminum extrusion, 6063-T5, lined with insulation woven polypropylene runners. Color to match slats. Provide manufacturer's standard (Security 3"x1" retained only rail for motorized) or (Security 3-3/8" x 1" retained and spring stop rail for manual crank or manual push up/pull down).
  - g. Mounting: (Jamb) (Surface/Face) (Build-out).
    - i. Face mount to sides of opening into building structure. No shutter shall be mounted to window frames.
    - ii. Build-out required at door openings (site specific) to clear door hardware.
    - iii. Build-out required and mounted to building structure at trapped openings \_\_\_(site specific)\_\_\_ for jamb mount. No build-out shall be attached to window frames.
  - h. Drive Tube: Manufacturer selected based on shutter specific load calculations from either 60mm octagon steel, 70mm octagon steel, 4" aluminum round, or 5" aluminum round.

#### 2.04 SHOP FINISH

1. Side Frames and Track: (Electrostatically applied - ESP - paint finish AMAA 2603).
2. Color: (To match slats) (As selected by Architect from 7 std QMI colors).
3. Anodized finish: 201-R1 Clear Acid Etch (15 min Velo).

## 2.05 APPLICATION & DESIGN

1. CODES: Installed shutters shall meet the required building compliance and documentation per section 1.02 SUBMITTALS.

- a. International Building Code (IBC) compliant

## PART 3 - EXECUTION

### 3.01 EXAMINATION

1. Verify conditions of substrates to determine if acceptable for shutter installation in accordance with manufacturer's instructions. Correct all unsatisfactory conditions prior to commencing shutter installations.

### 3.02 INSTALLATION

1. Install track and all shutter components to comply with project shop drawings and manufacturer's installation product approvals.
2. After installation, lubricate, test and adjust shutters to operate properly and free from distortion.

### 3.03 CLEANING

1. Clean installed components in accordance with manufacturer's instructions prior to Owner's acceptance. Properly remove from the site all debris remaining from this installation.
2. Inadequate surface cleaning will result in corrosion formation & potential structural damage.

### 3.04 PROTECTION

1. Comply with manufacturer recommendations and protect completed shutter installations from damage during remaining construction so as not to void warranty.

END OF SECTION