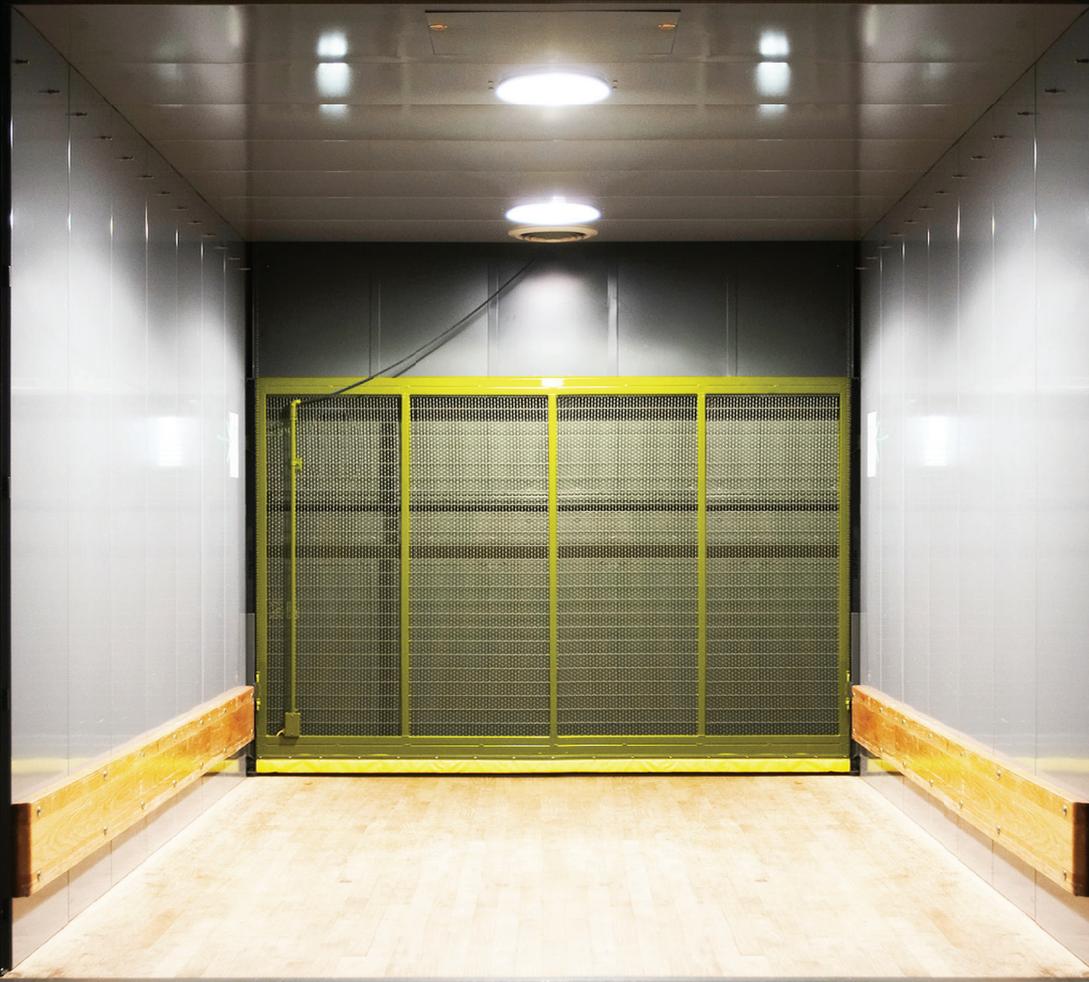




FREIGHT ELEVATORS DOORS



Parts Orders

Genuine Peelle replacement parts are available directly from Peelle or any of our distributors. Parts can be shipped within 24-hours from the time of order.

Our experienced sales staff can help you identify the parts you need.

Job Number

Look on the door controller (in the machine room) or on the door guide rails for the Peelle Job Number.

The first two left hand digits, of the six or seven digit number, is the year of manufacture.

Handing

Hands (Left Hand & Right Hand) of door / gate hardware are determined standing on car facing door.

THIS IS DIFFERENT FROM PASSENGER ELEVATORS AND DUMBWAITERS.

Advantages of Vertically Sliding Freight Elevator Doors



Robust Construction

Horizontal sliding doors are designed primarily for light duty applications. This can result in damage due to incidental impact from loading misuse and abuse.

Vertical sliding Peelle doors are designed specifically to the capacity and loading method of the elevator, and are heavy duty and reinforced to accommodate hand truck, pallet and forklift loading.



Truckable Sills

Horizontal sliding door sills are subject to damage, premature wear and debris which affect door performance.

Vertical sliding Peelle door trucking sills are designed specifically to the capacity and loading method of the elevator, and are flat to allow smooth loading. Door guides are located in the hoistway, running vertically, so they are not damaged during loading, and debris cannot gather in the door guides.



Independent Locks

Horizontal sliding doors, which sustain a high impact, may also suffer interlock misalignment, causing a shutdown.

Vertical sliding Peelle door interlocks are independent of the panels and located away from the opening, thereby protected on the door-guides.



Space Savings

Horizontal doors require a large amount of "return-space" for the panels.

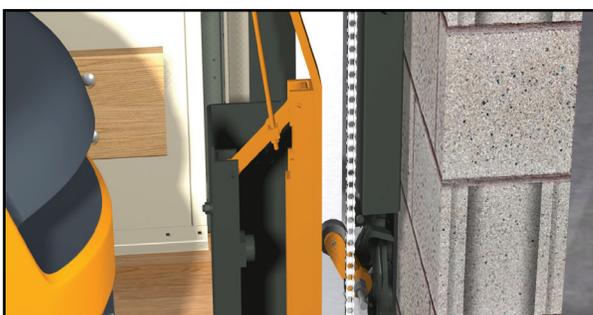
Vertical sliding Peelle doors typically require 13in [330mm], of return space. This mean more usable "building-space" for the owner.



Sequence Operation

Horizontal doors are subject to incidental impact during loading, when the entrance is not fully opened, causing a shutdown.

Vertical sliding Peelle doors permit loading only when the hoistway and car door entrance is fully open.



Independent Operation

Horizontal sliding doors have a mechanical coupling between the Car door and Hoistway door which can separate during heavy duty loading causing an elevator shutdown.

Vertically sliding Peelle doors have Independent Operation with no mechanical coupling between the Car door and Hoistway door allowing for heavy duty loading conditions.

FOR POSITION ONLY

FOR POSITION ONLY

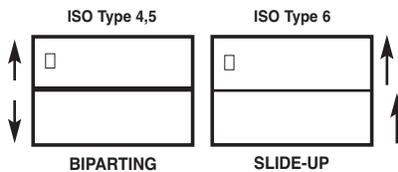
FOR POSITION ONLY

FOR POSITION ONLY

PEELLE® FREIGHT ELEVATOR DOORS

Door Types – ISO Class IV

The two Peelle door types are *biparting* (counterbalanced) and *slide-up* (counterweighted), both of which slide vertically.



Why Choose Peelle Doors?

Experience: Peelle is the most experienced manufacturer of biparting freight elevator doors in the world, incorporating in NY in 1905.

Door Panel Construction: Peelle provides the most robust door panel construction available on the market today. Each door panel is 12ga/ 2.5mm steel sheet construction. The panel includes a non-crushing meeting edge (Resilient Astragal), the lower panel of biparting doors includes a reinforced steel sill to support loading (Trucking Sill). Peelle doors are designed for long-term service taking loading abuse year after year.

Door Design: Due to the nature of large items loaded into good lifts, Peelle has developed extensive design capabilities; doors are designed for specific applications for openings up to 24 ft. /7,300mm wide, and loading capacity of 60,000 pounds/30,000 kg for biparting doors. Peelle manufactures biparting doors, two panel up-sliding doors and three panel up-sliding doors.

Powder Coat Paint: Door panels and components receive a baked-on power coat finish with Peelle standard RAL 7010 gray /green color. Many other standard and custom colors are available. Powder coat paint offers a hard coated finish similar to that found on other manufacturer's products exposed to the environment.

Programmable Logic Controller: Control system that provides all the necessary functions for automatic door operation. This controller interfaces easily with most elevator control system/manufacturers.

Wireless Door Controller: The wireless control system provides constant

Wireless Communication between all landing doors and car door (per line) creating a more reliable operation. The Control system also provides Closed Loop Feedback and true door positioning eliminating the need for limit switches and sensors. The Variable Voltage Variable Frequency Drive, utilizing the latest inverter technology and motor protection, is self learning – self adjusting which creates a smooth open and close sequence. It's also 100% Machine Room Less. An LCD Display provides on-board diagnostics displaying live status of all control system equipment. The controller comes ready for use, just plug in the door hardware and turn on the power, true Plug and Play.

Light Curtain: Each Peelle door system is furnished with a light curtain(s), providing protection of the opening. This light curtain eliminates potential contact with materials and personnel.

Reputation: The Peelle Company has been manufacturing vertically sliding doors for over a century and is still owned and managed by the Peelle family. Our reputation of high quality products and services is a Peelle priority; we are not happy until the customer is happy.

Door Sizes

Peelle manufactures the largest available fire rated doors. Doors are manufactured to the specified size using durable hardware components. Doors are available with *widths* from 4 to 24 ft. (1200 to 7300mm). Doors are available with *heights* from 7 to 16 ft. (2100 to 5000mm) Biparting freight doors are manufactured to match any elevator capacity from 2,000 to 60,000 pounds (1,000 to 30,000 kg). A strong steel trucking sill, built into the lower panel, bridges the gap between the building and the elevator. Peelle doors allow large unrestricted openings and provide fire resistance and rugged durability. Larger sizes are available.

Peelle offers doors for installation in drywall as well as in masonry construction. Entrance Door frames, and frame installation details, are available; see page 16 and 17.

Fire Rated Doors

Peelle offers labeled / certified fire-

rated doors in sizes up to 16 wide by 15 ft. high (5100mm wide by 4500mm high) and larger sizes when submitted to local authorities for inspection.

Doors have LPC (Loss Prevention Council) assessment for compliance to BS 476 part 22; Warrington fire assessment for sizes up to 20 ft. by 16 ft. (6m by 5m).

For drywall, fire-rated sizes may be up to 13 by 13 ft. (4000 by 4000mm). For complete stainless doors, fire-rated sizes may be up to 10 by 10 ft. (3200 by 3200mm).

Approvals

Peelle products meet door performance standards for most countries. Peelle satisfies performance specifications of Underwriters Laboratories (UL/ULC) and Canadian Standards Association (CSA). Contact us for BSI (British Standards Institute), LPC (Loss Prevention Council), Warrington, EN81, and other approvals, such as local authorities in Singapore, etc.

Door Components

A freight elevator landing door assembly includes the door panels, door guide rails, interlock door locking device, and door sheaves operators. A fire-rated, four-sided entrance door frame is available from The Peelle Company. A pre-engineered Wiring Package is also available; see page 7.

Parts Availability

The Peelle Company supplies parts for doors manufactured up to 50 years ago. Parts are shipped in a quick and orderly fashion, usually within 24 hours. Parts are also available from Peelle distributors, visit www.peelldoor.com.

Installation Information

Installation forms available:
(a) Guide sheet / Guide booklet
(b) CD
(c) Manual 215 full text - English, French or Spanish
(d) DVD
(e) website www.peelldoor.com.

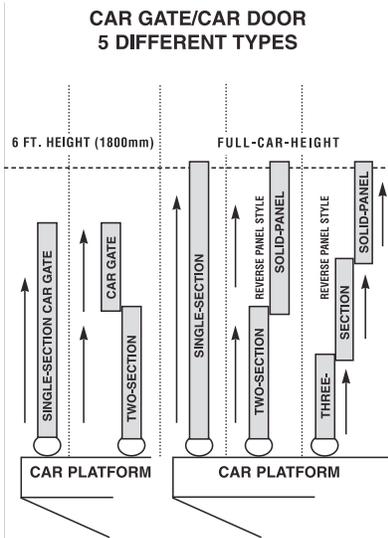
Installation Tools

Installation tools for vertically sliding doors are available from our parts department, see page 7.

CAR GATES/CAR DOORS

OVERHEAD HEIGHT HEADROOM HEIGHT

Vertical slide-up car gates allow full access to the car opening width and height. Five types are shown below. The appropriate type depends on the overhead height/headroom height of the shaft. Vertical slide-up gates can be designed for use with most shafts, including those with limited overhead height.



Single-Section Car Gates/Car Doors

These are used when there is ample overhead height in the shaft. Required overhead height for 6 ft. (1800mm) high car gate, to clear the open gate, is *landing door* opening height, plus 6 ft. 1 in. (1900mm) to the nearest overhead obstruction in the shaft, measured from the top landing door sill. If landing doors have different opening heights, use largest opening height. When the car gate or car door *panel* height is more than 6 ft. (1800mm), overhead height must be increased accordingly, or use another type of car gate.

Two-Section Car Gates/Car Doors

These are used when there is limited overhead height. Required overhead height for 6 ft. (1800mm) high two-section gate, to clear the open gate, is 1.5 times *landing door* opening height, plus 6 in. (150mm) to the nearest overhead obstruction in the shaft, measured from the top landing door sill. If landing doors have different opening heights, use largest opening height. Each of the two panel sections is a different height.

Single-Section Car Gates/Car Doors, Solid-Panel, Full-Car-Height

Required overhead height, to clear the open gate, is 2 times *landing door* opening height, plus 2 in. (50mm) to the nearest overhead obstruction in the shaft, measured from the top landing door sill. If landing doors have different opening heights, use largest opening height.

Two-Section Car Gates/Car Doors, Solid-Panel, Full-Car-Height

Required overhead height, to clear the open gate, is 1.5 times *landing door* opening height, plus 26 in. (650mm) to the nearest overhead obstruction in the shaft, measured from the top landing door sill. If landing doors have different opening heights, use largest opening height.

Three-Section Car Gates/Car Doors, Solid-Panel, Full-Car-Height

Required overhead height, to clear the open gate, is 1.33 times *landing door* opening height, plus 13 in. (406mm) to the nearest overhead obstruction in the shaft, measured from the top landing door sill. If landing doors have different opening heights, use largest opening height.

PANEL CONSTRUCTION

Wire Mesh (3/8" / 10mm rectangular pattern) (finger resistant)

Wire mesh gate with a 0.4 in. by 2.4 in. (10mm x 60mm) rectangular pattern which will reject a 9mm ball. Gate panels are fabricated of 3/8" round wire crimped in both directions and welded into a strong channel frame. Vertical channel stiffeners are included for strength.

Solid-Panel (Car Doors)

Car Door with 18 gauge (1.2mm) sheet steel; vision panels recommended. Usually full-car-opening-height. Required for freight-elevators-permitted-to-carry-passengers.

Reverse Panel Style

Chains and chain hangers are out of reach from inside the car. Required for freight-elevators-permitted-to-carry-passengers.

Height of Panels

Minimum panel height is 6 ft. (1800mm); taller panel heights are recommended. Panel heights are available from 6 ft. (1800mm) to 16 ft. (5000mm).

Finishes/Materials

- Plain steel car gates/car doors
- Baked on Powder Coat finish
 - Plain steel car door, solid-panel, with factory-applied stainless steel fascia cover (car inside for aesthetics).

Stainless steel car gates/car doors
Complete Stainless with stainless rails (refer to page 8):

- Stainless steel— solid-panel type

Panel Protection Options

A horizontal protection bumper (hardwood or channel steel) and/or a 7 gauge plate (replaceable lower two foot section) are available.

Counterweighted

Car gates/car doors are counterweighted. Counterweights are positively guided and are guarded to prevent accidental contact.

LANDING DOORS

PANEL CONSTRUCTION

Steel Plate Door F10S

This door, reinforced and welded for maximum durability, presents a flush appearance on the roomside. The panels are heavy-duty 12 gauge (2.5mm) plain steel plate with strong rigid steel framing and steel reinforcing stiffening ribs every 24" / 610mm on center. The bottom edge of the upper panel has a resilient astragal. The top edge of the lower panel has a trucking sill. The doors are 1.5 hour fire-rated. Two hour fire-rated doors are available.

Steel Plate Door F10S



Door Finishes/Materials

Plain steel doors

- Baked on Powder Coat finish
- Plain steel with factory-applied stainless steel fascia cover (room side, for aesthetics). (refer to page 8)

Stainless steel doors

- Complete Stainless Door assemblies including stainless door rails, door panels, trucking sill, and structural members (refer to page 8) – choice of IP54/NEMA 4 (moisture) or IP56/NEMA 4X (corrosion) hardware.
- Stainless panels only

CLASS OF LOAD

For Biparting and Slide-down doors, door trucking sills are designed to match the load capacity and load classification of the elevator/lift. Following is a condensed explanation of these classifications:

Class A: General Freight Loading. Material is moved on and off the elevator/lift manually or by means of hand trucks only. No concentrated loading is permitted. Minimum capacity is based on 49 pounds per square foot (240 kg per square metre) of inside net platform area. Single piece loads are restricted to 25% of the rated capacity.

Class B: Motor Vehicle Loading. Solely for carrying automobile trucks or passenger automobiles. Minimum capacity is based on 30 pounds per square foot (145 kg per square metre) of the inside net platform area.

Class C1: Industrial Truck Loading. The elevator is permitted to carry a forklift along with the load. However, the total of the load and the forklift may not exceed the rated capacity of the elevator/lift.

Class C2: Industrial Truck Loading. For this classification, a forklift is normally not carried by the elevator but *may be used* for loading and unloading. While this classification does not affect the rated capacity, the fact that the elevator does not carry the forklift does permit exceeding the rated capacity during the loading and unloading. During elevator movement, the rated capacity may not be exceeded.

Class C3: Other Loading With Heavy Concentrations. (not shown) Where forklift is not normally used. Loading is determined on the basis of actual loading conditions, but not less than that required for Class A loading.

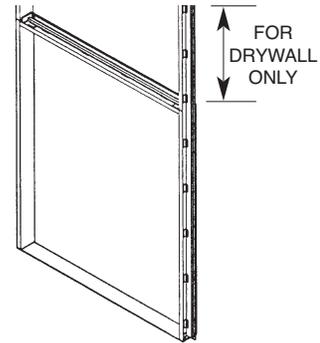
SHAFT WALLS AND DOOR FRAMES

Freight elevator shaft walls are usually of masonry construction. Some shaft walls are drywall. Peelle offers freight elevator doors that are fire-tested and approved for installation in masonry and drywall shafts.

Freight elevator landing doors are to be installed on four-sided entrance door frames, fabricated from structured steel.

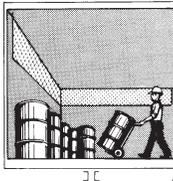
For drywall, Peelle door frames or the Peelle drywall interface kits are required. Those door frames or drywall interface kits include mounting brackets for attachment of frames to drywall. These door frames also have jamb extensions running to the beam above.

Projection sills for trucking are required for slide-up doors and are furnished by the building/general contractor.



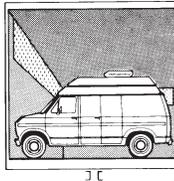
PEELLE FOUR-SIDED ENTRANCE DOOR FRAME (see page 17)

Class A] [



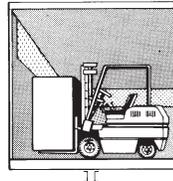
GENERAL FREIGHT LOADING WHERE NO ITEM INCLUDING LOADED HAND TRUCK WEIGHS MORE THAN 25% RATED CAPACITY

Class B] [



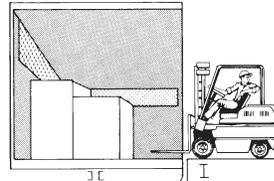
MOTOR VEHICLE AUTOMOBILES, TRUCKS, BUSES

Class C1] [



INDUSTRIAL TRUCK LOADING WHERE FORKLIFT IS CARRIED

Class C2] [



INDUSTRIAL TRUCK LOADING WHERE FORKLIFT IS NOT USUALLY CARRIED, BUT IS USED FOR LOADING AND UNLOADING

LANDING DOORS (See DOOR/GATE TYPE CHART Page 10)

SELECTION FACTORS

Peelle offers freight elevator doors and gates for practically any application. The size of the opening and the method of operation for the doors and gate should be determined by the size and weight of materials to be carried by the elevator/lift, as well as the method of loading and whether freight handlers or other passengers will ride on the elevator.

Door Size

Peelle landing doors are designed to allow full access to the car opening width and height. Peelle recommends door size 8 ft. wide by 8 ft. high (2500mm by 2500mm) or larger.

Power Operation

Power door operation is desirable for doors 8 ft. wide by 8 ft. high (2500mm by 2500mm) and larger. Power door operation is also desirable for doors in heavy traffic applications. Where door size is small and usage is infrequent, manual operation is satisfactory. Peelle manual doors are arranged for future power operation.

Materials and Finishes

For corrosion or wet environments, stainless steel doors are available. Roomside stainless fascias are available for aesthetics. Peelle can supply stock door hardware and control room equipment suitable for most environments, such as NEMA 1 or NEMA 4.

Door Type

Each door type has specific features to accommodate specific vertical measurements in the hoistway shaft. See chart on page 10.

Biparting Type

Biparting doors are selected where the efficient use of hoistway space is important. The panels move in opposite directions and counterbalance each other, with the upper panel moving down and the lower panel moving up during close operation. Biparting doors do not require a sill projection.

Hoistway Vertical Space

The type of biparting doors used depends upon the space available in the hoistway shaft. Biparting doors can be furnished for short floor heights, shallow pits or low overheads and still allow full access to the clear opening width and height of the door and car.

Regular Biparting Doors

A Regular Door consists of an upper and a lower panel of equal height. A regular door is used when the floor-to-floor dimension equals or exceeds 1.5 times the opening height, plus 6 in. (150mm). The overhead height for the top landing door must equal or exceed 1.5 times the landing door height plus 4 in. (100mm), measured from the top landing door sill. The pit depth for the lowest landing door must equal or exceed 0.5 times the landing door height plus 6 in. (150mm), measured from the lowest landing door sill. These height and depth clearances are to be effective for the width of the opening plus the required return space on each side of the opening.

Pass-Type Biparting Doors

Pass-Type Doors are used when the floor-to-floor dimension is less than the 1.5 times the opening height plus 6 in. (150mm) required for regular doors. The upper panel at the short height landing is offset so that when opening it slides behind the lower panel of the door at the floor above. Due to this offset, the lower panel trucking sill is wider than for a regular door.

The minimum floor-to-floor height for pass door is equal to door opening height plus 24 in. (610mm).

The pit depth and overhead height for pass doors is the same as a regular door.

Extended Sill Biparting Doors

Extended Sill Doors are used with Pass Doors for the other floors that do not have short heights. Extended sill door has a regular door upper panel and a pass-type door lower panel.

Telco Upper Half Biparting Doors

Telco upper half door consists of an upper panel made from two separate panels which telescope upward. It is used when the overhead is less than that required for regular or pass type doors. The minimum overhead is equal to 1.25 times landing door opening height plus 8 in. (200mm).

Compound 2:1 Regular and Pass Biparting Doors

Compound 2:1 door consists of a lower panel that is 1/2 the height of the upper panel. It is used when the pit is less than required for regular type door. The minimum pit depth is equal to 1/3 times bottom landing door opening height plus 4 in. (100mm). Compound doors are available in both a regular type and pass type. The pass type requires the same minimum floor-to-floor height as the standard pass type biparting door.

Slide-up/Slide-down Type

Panels on Slide-up doors move in the same direction and require a counterweight. Slide-up doors are selected when it is desirable to have all panels moving in a same direction during closing.

Two-Section/Three-Section Slide-up Doors (Telco®)

Two-Section and Three-Section slide-up doors offer easier handling and installation than single section doors plus they require less overhead and floor-to-floor space.

Single-Section Slide-up Doors

Used if there is enough clear vertical distance to accommodate the door between the projecting building sill and the underside of the projecting landing sill on the floor above.

Single-Section Slide-down Type Doors

Slide-down doors are used at the top landing when there is extremely low overhead space.

STANDARD FEATURES FOR PELLE DOORS

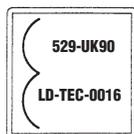
POWER OR MANUAL DOORS

12 gauge (2.5mm) Steel Sheet Panel

F10S doors; 12 gauge; ensures a sturdy, flush face door.

Interlocks/Retiring Cams

Doors are provided with interlocks (door locking devices) and a retiring cam (car mounted). Interlocks have durable locking arms of malleable iron. Pelle interlocks are available with UL ratings, in IP/NEMA or corresponding CSA ratings, and are certified to EN81/BS5655. Interlocks passed one million cycle tests. Door system has certificate of compliance to EC EMC directive (89/336EEC).



PELLE EN81 LABEL

One-Piece Adjustable Guide Shoes

Replaceable, anti-friction shoes for reliable door operation.

Resilient Astragal

A fire resistant protective cushion strip on leading edge of door panel.

Trucking Sill

On biparting and slide-down doors, the trucking sill provides a smooth transition between the building sill and the elevator platform and supports the transferring load.

Self-Tapping Rail Bolts

Eliminates tapping of entrance jamb. Serrated washer head. Patented.

The dimensions are for reference only and specific job requirements may alter what is shown.

POWER DOORS PLC Controller Pelle Wireless Controller

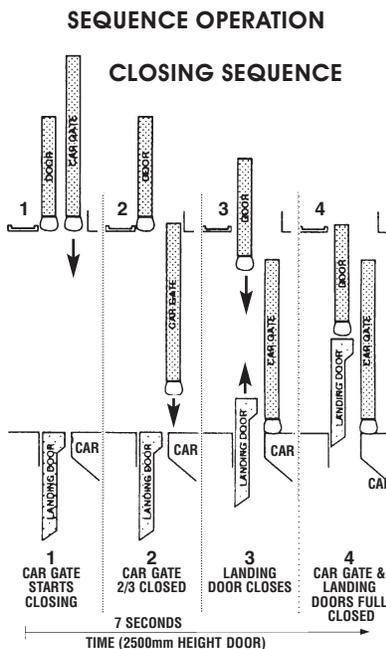
Programmable Logic or Wireless Controllers easily interface with most elevator controllers. Auto-Close-System is user selectable (On/Off). Controller interface is user selectable (Standard/Slave). One controller operates front and rear same-level openings. NEMA 1 cabinet with hinged swing door (PLC only).

Light Curtain

Light curtain is standard. Constantly monitors the opening for obstructions. While car gate is full open and not moving, the Light Curtain(s) protects the load handlers. No physical contact between obstruction and car gate is needed to activate Light Curtain(s). No moving parts to wear.

Sequence Operation

During Close Operation, the car gate will be closed 2/3 or more before the landing door starts to close. Sequence Operation and the Light Curtain protect the load handlers. Once the car gate is substantially closed, then the landing door closes.



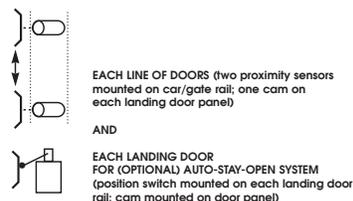
Auto-Close-System

A standard feature. The purpose of Auto-close-system is to keep all doors normally closed, making the freight elevator available for a call from a remote floor. This is a passenger elevator feature. Door will automatically close after a pre-determined period of time or in response to remote initiation. A car-mounted warning buzzer is provided. The buzzer sounds for five seconds prior to the time the car gate starts to close, and continues to sound until the landing door is closed. Sequence Operation and Light Curtains are provided. Auto-close-system is user selectable (on/off). An optional car-mounted (strobe) warning light is available.

Master Limit System

A standard feature. Master Limit System for each line of doors includes two proximity sensors mounted on car, which are activated by a fixed cam mounted on each door panel. Controls high/slow motor speed transitions. Controls full open and full close panel positions. Easy adjustment. No moving parts to wear. Patent #7156210B2.

Master Limit, Landing Doors



Fire Service

Freight elevator door controllers can be provided with Fire Service operation. Fire Service auto-close is included.

Two-Speed Operators

Each door assembly includes (2) two-speed AC operators to drive the door open and close; the door movement begins in high speed and then slow speed before final opening or closing of each door. Two-speed operation reduces wear of components while providing smooth and quiet operation.

OPTIONAL FEATURES FOR PELLE DOORS

POWER OR MANUAL DOORS

Finishes

Baked on powder coat is standard; special colors/colours are available. Also available are complete stainless steel, or stainless roomside fascias.

Stainless Steel Doors

Complete Stainless Steel doors are available for washdown/hosedown environments. Complete Stainless Steel doors include stainless rails, door panels, trucking sills, and structural members. Choice of either:

IP54/NEMA 4 (moisture resistant) or
IP56/NEMA 4X (corrosion resistant) hardware.
Refer to page 8.

Hostile Environment Equipment (UL labeled)

UL labeled hazardous location motors, interlocks, controls and limit switches are available to meet the demanding requirements of corrosive or explosive atmospheres.

NEMA	IEC	Environment
1	IP10	Normal (standard)
4	IP54/IP56	Moisture
4X	IP56	Corrosion
7,9	—	Explosion

Side-Opposite-Locks

To ensure closed position on doors, side-opposite-locks (mechanical locks) are supplied as standard equipment on hoistway landing doors 10 ft. (3000mm) and wider, and for doors with 2 hour fire rating. Side-opposite-locks are optional on doors less than 10 ft. (3000mm) wide.

POWER DOORS

Transformer

Required for 3 phase AC 50/60Hz power when other than 220 volt is available.

Pre-Engineered Wiring Material Package for wiring of doors & gates

Wire and wiring material including EMT conduit. Junction boxes: 3 junction/pull boxes for each landing door, 2 boxes for each car gate and 1 box for top (middle) of the car.

This pre-engineered wiring system allows for fast and proper connections between equipment.

Automatic-Stay-Open (ASO) Auto Stay Set

A feature that keeps the hoistway landing door open if rebounding occurs when loading or unloading the elevator. Damage can otherwise occur if a load strikes a partially open door. A limit switch and cam are mounted on each landing door and on each car gate. Highly recommended for Class 'B' and 'C' loading applications (automobiles, trucks, buses, forklift trucks).

CONVENIENCE AND SAFETY KITS



Intallation Tools Kit # 060040

The kit includes the most common Peelle props needed to simplify installation, a door dolly for moving door panels, (4) straps to properly hoist door panels, a chain break, etc. The kit is available as a parts order or for purchase with any Peelle Door System. The kit is reusable and will pay for itself on the first job.

Peelle Part #0603 Shoe Spreader / Adjuster for outward adjustment of Peelle shoes.

Peelle Part #0604 Rail Drilling Leverage Assembly

Peelle Part #0606 Door Dolly

Peelle Part #0608 Chain Pin Extractor

Peelle Part #060071 8ft Long Strap

Peelle Part #060072 10ft Long Strap

Peelle Part #060073 12ft Long Strap



Spare Parts Kit # 060032

The Spare Parts Kit is ideal for machine rooms and service vans. The kit includes the most common Peelle parts needing service, i.e. an Unlocking Device and Keys, Door and Gate Shoes, Gate Bumpers, Springs, Chain Links, Tie Wraps, etc. The kit is available as a parts orders or for purchase with a Peelle Door system.



Consumables Kit # 060086

The Field Consumable's Kit was developed to minimize field down time; it includes all drill bits, taps, masonry bits, grinding wheels, cut-off wheels and saw blades required to install Peelle equipment (3 hoistway doors and 1 car door per kit). Some of these items are unique to Peelle freight doors, the kit will save unnecessary installer downtime to locate these items or consume their own supplies because Peelle packaged the needed door consumables in 1 convenient kit.



Safety Labels # 060045

The purpose of the labels is to demonstrate proper operation of vertical sliding doors. The four labels include a reminder that passengers don't ride freight elevators, how to open and close vertically sliding doors for both constant pressure close or automatic closing operation, the appropriate way to close manual doors with a web strap and how to open doors with a push plate.

STAINLESS STEEL GUIDE Choose the package for your application.

LANDING DOOR	COMPLETE STAINLESS PACKAGE IP56/NEMA 4X <i>Corrosion Resistant (Wash Down)</i>	PARTIAL STAINLESS PACKAGE IP54/NEMA 4 <i>Moisture Resistant (Coastal Environment)</i>	FASCIA STAINLESS PACKAGE IP10/NEMA 1 <i>Designed for Appearance (Public View)</i>
Door Panels	<input checked="" type="checkbox"/> Complete Stainless Panel	<input type="checkbox"/> Complete Stainless Panel <u>OR</u> <input type="checkbox"/> Plain Steel Door Panel with Stainless Steel Roomside Fascia	<input checked="" type="checkbox"/> Plain Steel Door Panel with Stainless Steel Roomside Fascia
Trucking Sill	<input checked="" type="checkbox"/> Stainless Steel	<input type="checkbox"/> Stainless <u>OR</u> <input type="checkbox"/> Plain Steel	<input checked="" type="checkbox"/> Plain Steel
Door shoes	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Plain Steel	<input checked="" type="checkbox"/> Plain Steel
Tension latches	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Plain Steel
Door rails	<input checked="" type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Plain Steel (recommended) <u>OR</u> <input type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Plain Steel
Door chains and rods	<input checked="" type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Plain Steel
Door interlock	<input checked="" type="checkbox"/> Stainless/Bronze IP56/NEMA 4X	<input type="checkbox"/> Stainless/Bronze IP56/NEMA 4X <u>OR</u> <input type="checkbox"/> Plain Steel IP54/NEMA 4	<input checked="" type="checkbox"/> Plain Steel IP10/NEMA 1
Door operator	<input checked="" type="checkbox"/> IP56/NEMA 4X	<input checked="" type="checkbox"/> IP54/NEMA 4	<input checked="" type="checkbox"/> IP10/NEMA 1
Door gear/sheave	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Plain Steel	<input checked="" type="checkbox"/> Plain Steel
Door Limit (individual)	<input checked="" type="checkbox"/> Stainless IP56/NEMA 4X	<input checked="" type="checkbox"/> Plain Steel IP54/NEMA 4	<input checked="" type="checkbox"/> Plain Steel IP10/NEMA 1
ENTRANCE FRAME (optional)	<input type="checkbox"/> Plain Steel with Stainless Cover <u>OR</u> <input type="checkbox"/> Stainless Steel (not fire rated)	<input type="checkbox"/> Plain Steel with Stainless Cover <u>OR</u> <input type="checkbox"/> Stainless Steel (not fire rated)	<input type="checkbox"/> Plain Steel with Stainless Cover <u>OR</u> <input type="checkbox"/> Stainless Steel (not fire rated)
CAR GATE/CAR DOOR			
Car gate panel (s)	<input type="checkbox"/> Stainless Wire Mesh <u>OR</u> <input type="checkbox"/> Stainless Solid Panel	<input type="checkbox"/> Stainless Wire Mesh <u>OR</u> <input type="checkbox"/> Stainless Solid Panel <u>OR</u> <input type="checkbox"/> Plain Steel with Stainless Car Side Fascia	<input type="checkbox"/> Stainless Wire Mesh <u>OR</u> <input type="checkbox"/> Stainless Solid Panel <u>OR</u> <input type="checkbox"/> Plain Steel with Stainless Car Side Fascia
Gate shoes	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Plain Steel	<input checked="" type="checkbox"/> Plain Steel
Gate rails	<input checked="" type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Stainless Steel	<input type="checkbox"/> Plain Steel <u>OR</u> <input type="checkbox"/> Stainless (recommended if stainless gate or stainless car enclosure)
Gate chains	<input checked="" type="checkbox"/> Stainless Steel	<input checked="" type="checkbox"/> Stainless Steel	<input type="checkbox"/> Plain Steel <u>OR</u> <input type="checkbox"/> Stainless (recommended if stainless gate or stainless car enclosure)
Gate contact	<input checked="" type="checkbox"/> Stainless Steel IP56/NEMA 4X	<input checked="" type="checkbox"/> Plain Steel IP54/NEMA 4	<input checked="" type="checkbox"/> IP10/NEMA 1
Gate operator	<input checked="" type="checkbox"/> IP56/NEMA 4X	<input checked="" type="checkbox"/> IP54/NEMA 4	<input checked="" type="checkbox"/> IP10/NEMA 1
Gate gear/sheave	<input checked="" type="checkbox"/> Bronze	<input checked="" type="checkbox"/> Plain Steel	<input checked="" type="checkbox"/> Plain Steel
Gate Limit	<input checked="" type="checkbox"/> Stainless Steel IP56/NEMA 4X	<input checked="" type="checkbox"/> Plain Steel IP54/NEMA 4	<input checked="" type="checkbox"/> Plain Steel IP10/NEMA 1
RETIRING CAM			
Top Assembly (operator)	<input checked="" type="checkbox"/> IP56/NEMA 4X	<input checked="" type="checkbox"/> IP54/NEMA 4	<input checked="" type="checkbox"/> IP10/NEMA 1

Stainless Steel Applications

Breweries	Institutional Kitchens
Sewage Plants	Portside Facilities
Photo Processing Plants	Food Processing Plants
Tanneries	Chemical Plants
Meat Packing Plants	Pulp & Paper Mills
Water Treatments Plants	Mines

NOTE:

Each application is unique. Discuss your job requirements with a Peelle Salesperson to specify the appropriate package.

FREIGHT ELEVATOR DOOR & GATE SPECIFICATIONS

(GOODS LIFT DOORS) BIPARTING (ISO Type 4,5) OR SLIDE-UP (ISO Type 6)

General (Standard Doors)

Furnish complete PEELLE vertically sliding freight elevator doors at each landing entrance and where shown on the plans and door schedule. Provide one (1) PEELLE vertical slide-up counterweighted car gate at each entrance of the car as required. Equipment shall be furnished by Peelle.

Doors and gates shall comply with the latest Code for Elevators/Lifts (A17.1, B44, EN81). Equipment shall comply with IP10/NEMA 1 specifications unless specified for special environments.

Hoistway Landing Doors

Doors within size limitations shall bear Underwriters Laboratories, Inc. 1-1/2 hour Class "B" labels. Door panels shall be Peelle type "F10S" flush roomside design, with welded 12 gauge (2.5mm) roomside steel plate. The vertical edges of the door panel shall have shoe angles with solid precision grooved shoes, and may have one (1) vision panel per landing door assembly.

For Biparting Landing Doors ONLY

The upper and lower panels of biparting landing doors counterbalance each other. The leading (bottom) edge of the upper panel shall be equipped with a fire resistant Peelle Resilient Astragal. The leading (upper) edge of the lower panel shall be equipped with a Peelle Truckable Sill designed to meet code (A17.1) requirements for the loading class specified. An Automatic Stay Closed (ASC) device (dual-side tension latches) shall be provided to minimize separation of the panel meeting edges when closed. A hinged fire lintel shall be provided at the top of the upper panel of each pass-type door.

For Slide-up Landing Doors ONLY

The panels of slide-up landing doors are counterweighted with guided or boxed weights. The leading (bottom) edge of the lowest panel is equipped with a fire resistant Peelle Resilient Astragal. A projecting building sill is required for trucking.

Rails and Hardware

Rails/guides shall be steel. Door panels shall be connected to each other or to counterweights with suitable roller chain running over grooved ball-bearing sheaves. Chains and chain rods are connected to panels with steel or malleable iron connectors. Cold rolled square chain rods shall be adjustable.

Landing Door Interlocks (Door Locking Devices)

Each hoistway landing door assembly shall be equipped with an approved interlock. Each interlock shall bear a certifying label. A side opposite lock, a second lock per landing door, may be supplied as an option. A motor-operated retiring cam shall be provided for each line of landing

door interlocks. Retiring cams shall be mounted, on car sides, facing the interlocks. The retiring cam and interlock shall work in conjunction with the elevator control, to prevent normal operation of the elevator/lift unless all doors are closed and locked.

Power Operation of Hoistway Landing Doors

Where power operation is specified, each door shall be electrically operated with two power door operators mounted on either side of the door assembly. Each motor shall be two-speed. Door travel shall be determined by proximity sensor actuation, motor speed controlled for consistent smooth door closing and opening, and shall be designed to ensure full opening and full closing. An Automatic Stay Open (ASO) feature, if provided, ensures that the door panels stay fully open. All operating mechanisms shall be entirely within the elevator/lift shaft. Manual operation shall be available in the event of power failure.

Car Gates (Car Doors)

Car gates shall be counterweighted, vertical slide-up of the single-section, two-section or three-section type as specified. Gates shall be constructed of 3/8 in (10 mm) design mesh panels, with channel steel frame and channel stiffeners on vertical centers. Each gate shall have shoe angles, guide shoes, guide rails, suitable roller chains with adjustable connectors, sprockets (for manual operated gates), sheaves (for power operated gates), positively guided counterweight arranged to ensure balanced vertical motion, and an approved electric contact.

Power Operation of Car Gates

Where power operation is specified, each gate shall be electrically operated by a power gate operator. The motor shall be two-speed. Gate travel shall be determined by proximity sensor actuation, motor speed controlled for consistent smooth closing and opening, and shall be designed to ensure full opening and full closing. A light curtain(s) and reopening device shall be provided on each car gate. The light curtain shall be a non-contact device, comprised of a through-beam infrared source and a detector, located at opposite ends of the car gate. The light curtain or reopening device shall provide coverage for most of the opening. An Automatic Stay Open (ASO) feature, if provided, ensures that the panels stay fully open. Manual operation shall be available in the event of power failure.

PLC or Wireless Control (When Provided)

Suitable control panels shall be furnished to electrically energize door and gate

motors. Controllers shall be mounted within the machine room adjacent to the elevator/lift shaft.

Power doors and gates shall be arranged to open automatically as the elevator/lift arrives at a floor; and to close by continuous pressure push button operation or by Auto Close if activated. Door and gate shall reopen automatically if not closed to the full closed position. Where Auto-Close-System is turned on, door/gates shall close after a pre-determined period of time or in response to a remote initiation.

Power operated doors are provided with Sequence Operation between door and gate. The landing doors and car gate are timed so that, in closing, the car gate shall be closed at least two-thirds of its travel before the landing door starts to close.

Controller includes Sequence Operation and door close buzzer for top of car. Auto-Close-System is user selectable (on/off). Standard or Slave controller interface is user selectable. Easily interfaces with most elevator controllers. No proprietary service tool is required. Controller is to be completely front wired. Components are to be commercially available and recognized where possible. Controllers comply with CSA B44/ASME A17.5.

Other Trades

Electrical supply of 220 volt, 3 phase, 50/60 Hz, shall be furnished by others to the Peelle controller for power operated doors. If necessary a transformer shall be furnished by Peelle. Each elevator shall have 10 amp service at 480 and 600 volt, or 20 amp service at 220 volt. It is recommended that a separate fused disconnect switch or circuit breaker dedicated to the door controller be provided in the machine room by others.

Wiring Material necessary for a complete operating installation shall be furnished by Peelle or by others. Wiring Material Package 3, see page 7.

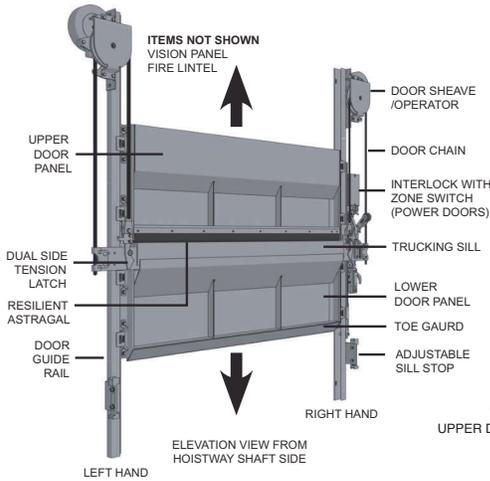
Four-sided structural steel entrance door frames including sills and heads of frame shall be furnished by Peelle or by others and shall be set flush and plumb on the shaft side by others. Jambos for drywall hoistway construction shall extend from the floor to the building beams above. All frames at openings above or below shall be set in vertical alignment. UL labeled frames are required for drywall construction UL labeled doors. UL labeled door frames for masonry or drywall construction are available from The Peelle Company. See page 17.

All illustrations and specifications are based on information in effect at the time of publication. Peelle reserves the right to change specifications or design and to discontinue items without prior notice or design.

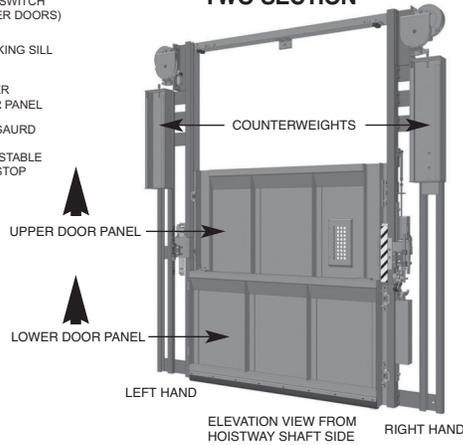


TERMINOLOGY

LANDING DOOR BIPARTING



LANDING DOOR SLIDE-UP TWO-SECTION

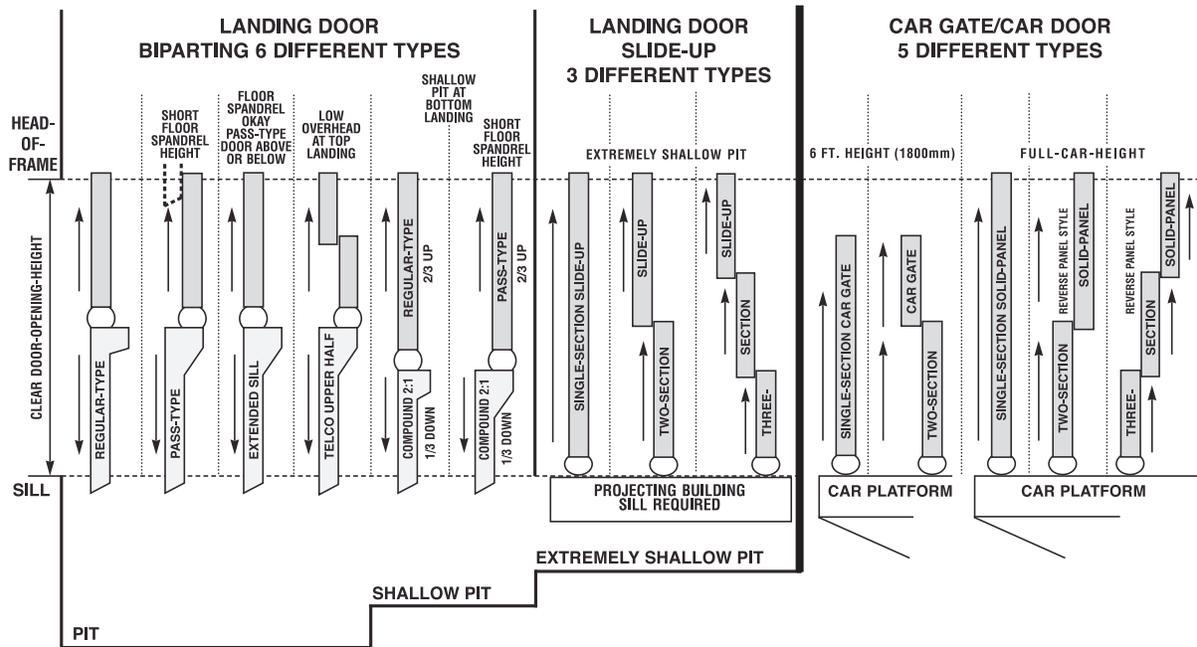


CAR GATE WIRE MESH SINGLE-SECTION



The dimensions are for reference only and specific job requirements may alter what is shown.

DOOR/GATE TYPE CHART



SPACE REQUIREMENTS-LANDING DOORS

MINIMUM SPACE REQUIREMENTS FOR STANDARD EQUIPMENT (POWER OR MANUAL)

Area in Hoistway Shaft	Biparting Regular	Biparting Pass/Extended		Two-Section Slide-Up	Three-Section Slide-Up
Floor to Floor Height	1.5 Times Landing Door Opening Height + 6 in. (150mm)	Landing Door Opening Height + 24 in. (610mm)		1.5 Times Frame Opening Height + 18 in. (450mm) + Building Sill Height	1.33 Times Frame Opening Height + 18 in. (450mm) + Building Sill Height
Overhead Height/ Headroom Height	1.5 Times Landing Door Opening Height + 4 in. (100mm)	Pass Not Used At Top Floor	Extended Sill Same As Regular	1.5 Times Landing Door Opening Height + 18 in. (450mm) (Clear above Sill)	1.33 Times Landing Door Opening Height + 10.5 in. (267mm) (Clear above Sill)
Pit Depth	0.5 Times Landing Door Opening Height + 6 in. (150mm)	0.5 Times Landing Door Opening Height + 6 in. (150mm)		Any	Any
Car Clearance Between Car and Building Sill	5 in. (125mm)	6.75 in. (171mm)		7.5 in. (190mm)	10.0 in. (254mm)
Returns Power Operation	13 in. (330mm) Both Sides	13 in. (330mm) Both Sides		18 in. (460mm) Both Sides	18 in. (460mm) Both Sides
Returns Manual Operation	10 in. (255mm) Both Sides	10 in. (255mm) Both Sides		18 in. (460mm) Both Sides	18 in. (460mm) Both Sides

REVERSE PANEL CAR GATES (Passenger Rated)

CAR GATE PANEL HEIGHT: FULL OPENING HEIGHT

	Single Section	Two Section	Three Section
Overhead Height/ Headroom Height	2 Times Landing Door Opening Height + 2 in. (50mm)	1.5 Times Landing Door Opening Height + 13 in. (406mm)	1.33 Times Landing Door Opening Height + 13 in. (406mm)
Car Enclosure Setback	5.5 in. (140mm)	7.5 in. (190mm)	9 in. (229mm)

NORTH AMERICA CAR GATES

CAR GATE PANEL HEIGHT: 6 ft. (1800mm)

	Single Section	Two Section
Overhead Height/ Headroom Height	Landing Door Opening Height + 6 ft. 1 in. (1900mm)	1.5 Times Landing Door Opening Height + 6 in. (150mm)
Car Enclosure Setback	4.5 in. (115mm)	6.5 in. (165mm)

WEIGHT OF CAR GATE PLUS RETIRING CAM

WIDTH OF CAR GATE

Gate Panels are 6 ft. (1800mm) tall	6 ft. 1830mm	8 ft. 2440mm	10 ft. 3050mm	12 ft. 3660mm	14 ft. 4267mm
Single Section Gate (8 Foot Opening Height)	710 lbs. 323 kg	790 lbs. 359 kg	870 lbs. 395 kg	950 lbs. 432 kg	1070 lbs. 486 kg
Double Section Gate (8 Foot Opening Height)	880 lbs. 400 kg	980 lbs. 445 kg	1075 lbs. 489 kg	1170 lbs. 532 kg	1270 lbs. 577 kg

Each Gate Includes the following:

1. Wire Mesh Panel Construction
2. Rails, Contact, Limits and Counterweight
3. Power Car Gate Operator
4. Retiring Cams and Mounting Bracket

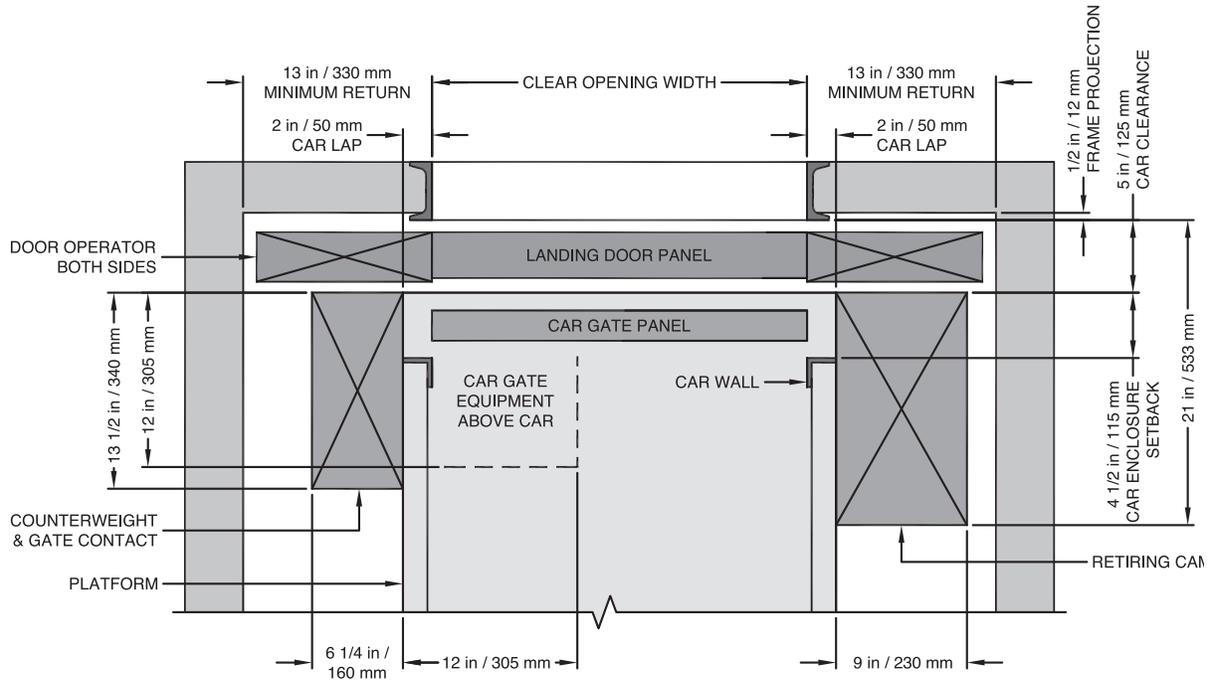
Please contact Peelle sales department for larger gate sizes.

The dimensions are for reference only and specific job requirements may alter what is shown.

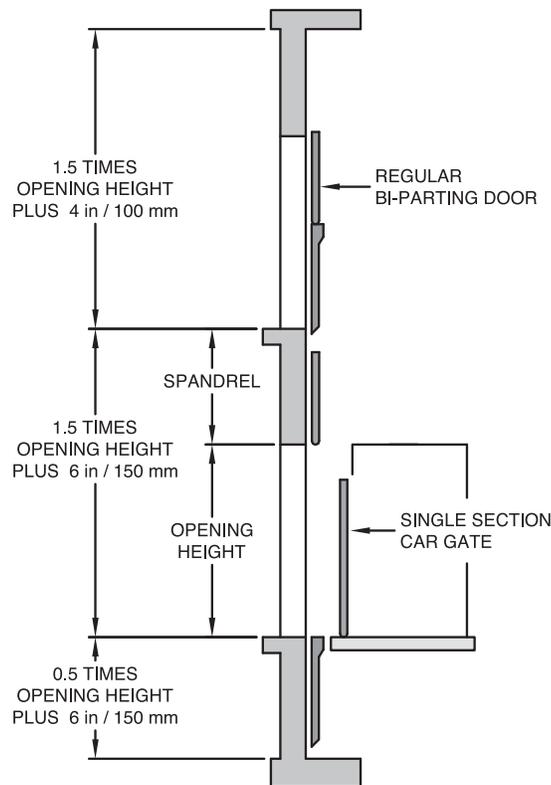


SPACE REQUIREMENTS

REGULAR BIPARTING DOOR WITH SINGLE SECTION GATE



SECTIONAL PLAN VIEW

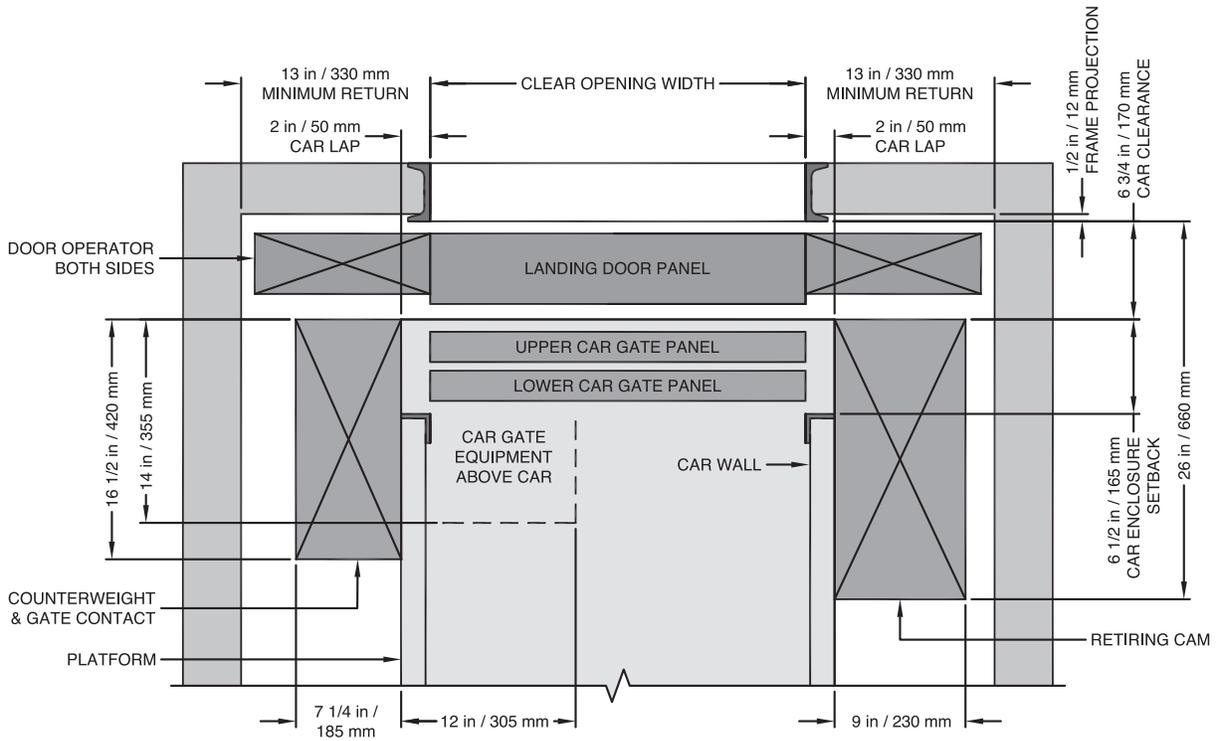


The dimensions are for reference only and specific job requirements may alter what is shown.

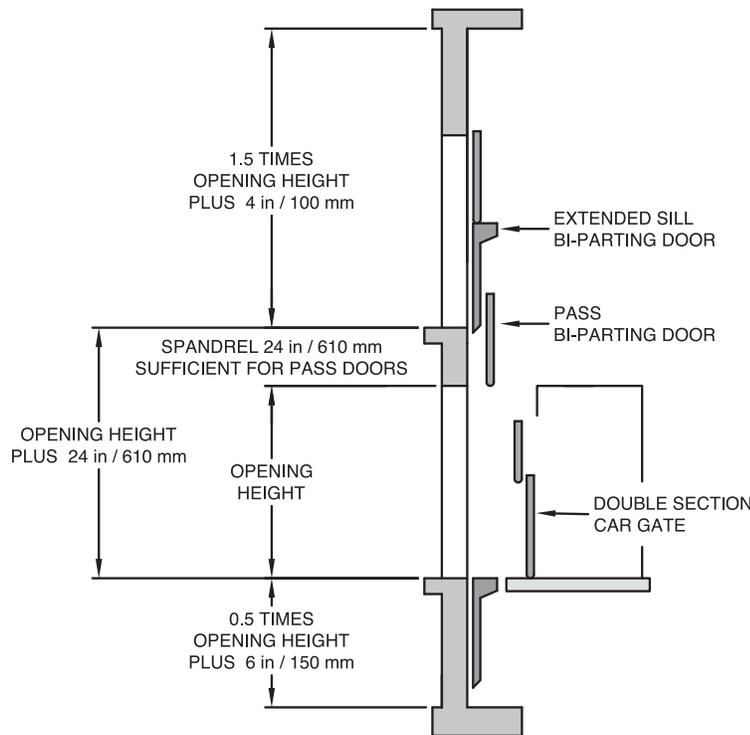
SECTIONAL ELEVATION - VERTICAL DIMENSIONS

SPACE REQUIREMENTS

PASS AND EXTENDED DOORS WITH DOUBLE SECTION GATE



SECTIONAL PLAN VIEW

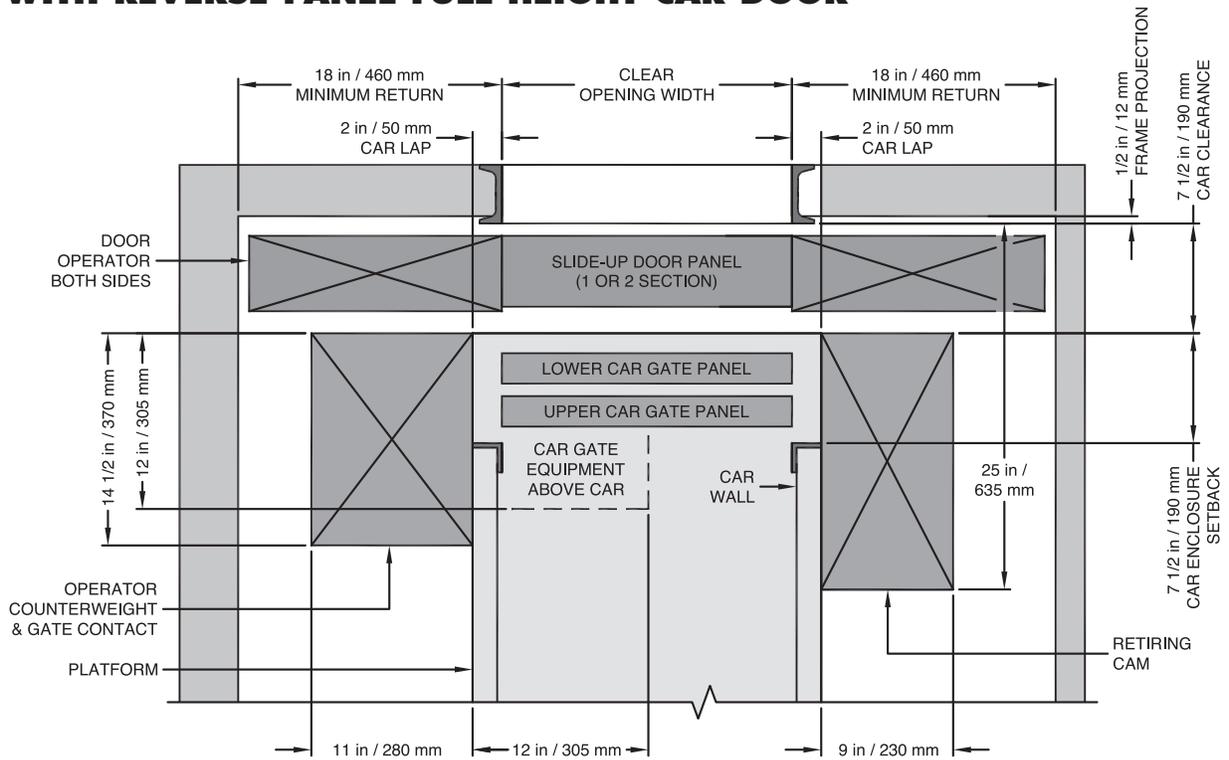


The dimensions are for reference only and specific job requirements may alter what is shown.

SECTIONAL ELEVATION - VERTICAL DIMENSIONS

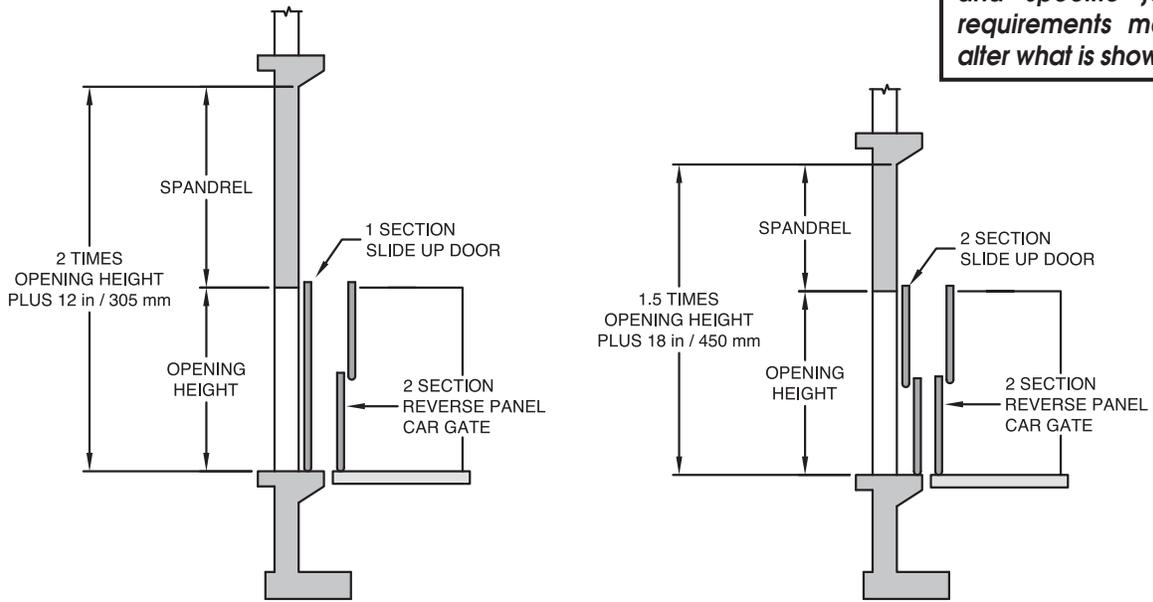
SPACE REQUIREMENTS

1 AND 2 SECTION SLIDE UP DOORS WITH REVERSE PANEL FULL HEIGHT CAR DOOR



SECTIONAL PLAN VIEW

The dimensions are for reference only and specific job requirements may alter what is shown.



SECTIONAL ELEVATION - VERTICAL DIMENSIONS

NEW EQUIPMENT REQUEST FOR QUOTE Page 1 of 2

The Peelle Co. Ltd.
 195 Sandalwood Pkwy. W.
 Brampton, Ontario L7A 1J6 Canada
 1-905-846-4545 • 1-800-787-5020
FAX: 1-905-846-2161
 E-mail: sales@peelledoor.com



CUSTOMER DATA

Company : _____

Address : _____

Contact Person: _____

Phone: _____ FAX: _____

E-mail: _____

Quote Needed By: _____

JOB SITE DATA

Job Name: _____

Job Location: _____

Elevator #: _____ Building: _____

Estimated Ship Date: _____

Old Peelle Job Number: _____

Power equipment includes Light Curtain and Sequence Operation as standard equipment.

GENERAL INFORMATION

Elevator Number _____

Number of Stops _____

Door Quantity - Front _____

Rear _____

Opening Width _____

Opening Height _____

Car Capacity (lbs, kg) _____

Pit Depth _____

Overhead _____

Platform Width _____

Platform Length _____

Power Manual

Power Supply _____ V _____ Hz

(Must be 3-phase)

LANDING DOOR DATA

Landing Door Type

Biparting

Two-Section Slide-up

Three-Section Slide-up

CAR DOOR/GATE DATA

Car Door/Gate Type

Single-Section

Two-Section

Three-Section

FINISH

Standard Powder Coat

Stainless Steel Fascia

Complete Stainless Steel
(for special environment)

APPLICABLE CODE

ASME A17

EN81

Other _____

INSTALLATION

New Installation

Existing (replacement)

SHAFT/HOISTWAY CONDITIONS

NEMA 1/IP10 Normal

NEMA 4/IP54, 56 Moisture

NEMA 4X/IP56 Corrosion

NEMA 7/9 Explosion

CONTROL ROOM CONDITIONS

NEMA 1/IP10 Normal

NEMA 4/IP54, 56 Moisture

NEMA 4X/IP56 Corrosion

NEMA 7/9 Explosion

NEMA 12/IP52 Dust-Industrial

ENTRANCE FRAMES (Complete page 16)

YES

Wall Thickness _____

CAB ENCLOSURE (Complete page 18)

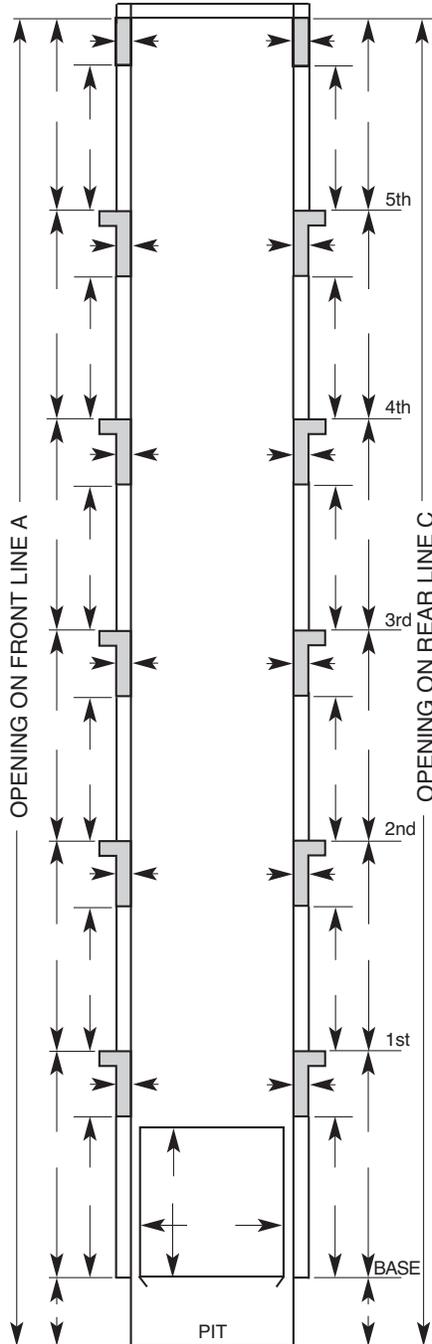
YES

OPTIONS

Wiring Material-Package 3

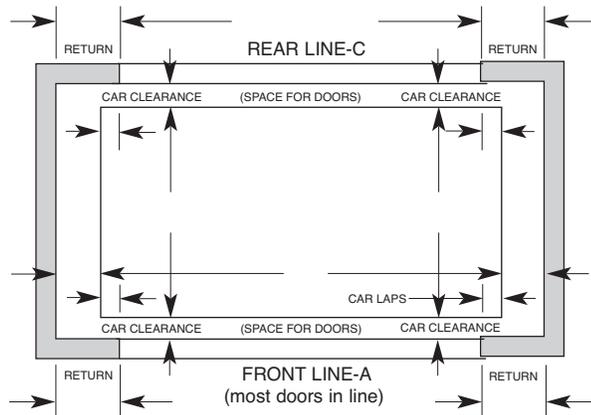


ELEVATOR & SHAFT DATA FILL IN DIMENSIONS

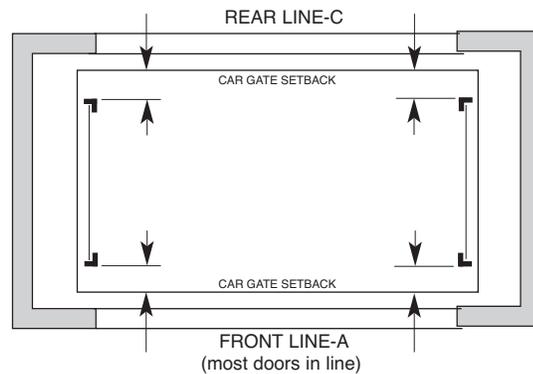


Additional information required for existing elevator/lift and existing door rails:

- Car Clearances from edge of car platform to building sill _____ below
- Returns (distance from back of door rail to side walls of shaft) _____ below
- Car Laps (distance from side of car platform to entrance jambs) _____ below
- Channel Steel Door Frames existing (Yes/No) _____
- Original Peelle job number _____



Fill in dimensions on plan view above



- Fill in dimensions on plan view above.
 Locate landing stations on plan view above.
 Locate car operating stations on plan view above.
 Locate door vision panel preference on plan view above.
 Locate car counterweight if any on plan view above.

The dimensions are for reference only and specific job requirements may alter what is shown.

CHANNEL ENTRANCE FRAME REQUEST FOR QUOTE Page 1 of 1

The Peelle Co. Ltd.
 195 Sandalwood Pkwy. W.
 Brampton, Ontario L7A 1J6 Canada
 1-905-846-4545 • 1-800-787-5020
FAX: 1-905-846-2161
 E-mail: sales@peelledoors.com



CUSTOMER DATA

Company: _____

Address: _____

Contact Person: _____

Phone: _____ FAX: _____

E-mail: _____

Quote Needed By: _____

JOB SITE DATA

Job Name: _____

Location: _____

Elevator #: _____ Building: _____

Estimated Ship Date: _____

Old Peelle Job Number: _____

QUANTITY OF FRAMES _____

Door Openings Size: Width _____ Height _____

Floor to Floor Height _____
B-1 1-2 2-3 3-4 4-5 5-6 6-7

- Masonry Walls (block, brick, or poured concrete) Drywall (jamb-extensions-to-beam-above will be supplied)
 (no jamb extensions)

Wall Thickness _____ (minimum standard is 8 inch jamb for 8 in. (200mm) wall jamb for 7-5/8 in. wall)

- UL "1.5 hr B" Labeled Frame

Frame Finish: Standard Power Coat Special Color/Colour - Powder Coat RAL # _____



PEELLE CHANNEL ENTRANCE FRAMES

APPLICATION:

For Peelle biparting and slide-up freight elevator landing doors. Four-sided frame.

CHANNEL ENTRANCE FRAME

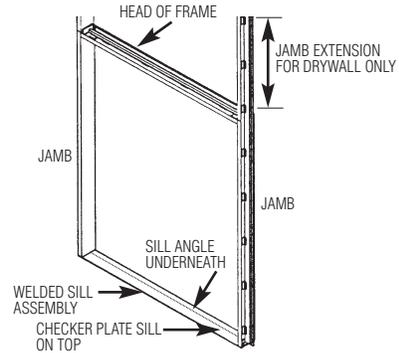
For masonry wall, frame includes:

- Welded Sill Assembly:
 - Structural Sill Angle (4 x 4 x 1/2 in. (100 by 100 by 13mm)) with anchors, welded to checker plate,
 - Checkerplate Sill (4-way medium pattern) welded to sill angle (sill width same as jamb width)
- Channel Steel Jamb (2 sides) (8 in. (200mm) or larger for masonry)
- Channel Steel Head-of-Frame (top member) (head width same as jamb width)
- Fire Rated ULC/UL "B" Label 1.5 hour (label furnished upon request)
- Baked Powder Coat Finish

Notes: Jamb(s) may be larger than 8 in. (200mm) such as: 10 in. (250mm), 12 in. (310mm), etc.
 Frames are shipped either before doors or with doors.
 Frames are shipped as four separate pieces for easy handling and installation.
 Each Entrance frame requires a lintel, above the head-of-frame, by others.

For drywall, frame also includes:

- Jamb-Extensions-To-Beam-Above (for strength)
- Drywall Interface Kit - mounting angles/brackets (clip angles/struts) fastened to jambs for drywall interface connection

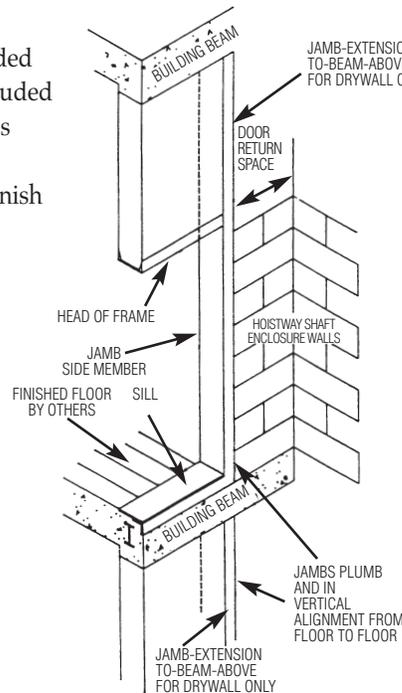


CHANNEL ENTRANCE FRAME

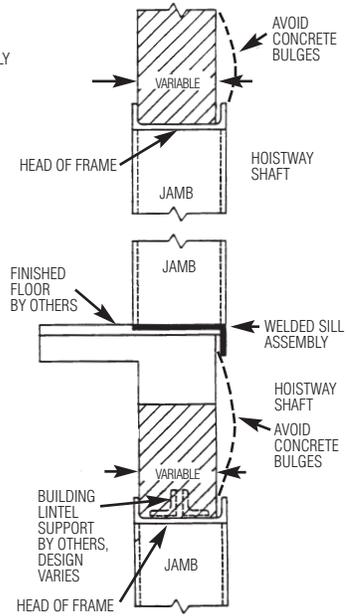
BENEFITS:

- Welded sill assembly for strength
- Sill mounting anchors and brackets included
- Jamb mounting anchors and brackets included
- Factory color/colour to match door panels
- Easy installation
- Coordinated engineering, shipping and finish

The dimensions are for reference only and specific job requirements may alter what is shown.



HOISTWAY SHAFT VIEW



FRAME AND SILL VERTICAL CROSS SECTION THROUGH OPENING

CAB ENCLOSURE REQUEST FOR QUOTE

Page 1 of 2

The Peelle Co. Ltd.
 195 Sandalwood Pkwy. W.
 Brampton, Ontario L7A 1J6 Canada
 1-905-846-4545 • 1-800-787-5020
FAX: 1-905-846-2161
 E-mail: sales@peelledoors.com



CUSTOMER DATA

Company: _____

Address: _____

Contact Person: _____

Phone: _____ FAX: _____

E-mail: _____

Quote Needed By: _____

JOB SITE DATA

Job Name: _____

Location: _____

Elevator #: _____ Building: _____

Estimated Ship Date: _____

Old Peelle Job Number: _____

QUANTITY OF CAB ENCLOSURES _____

Opening Front YES

Opening At Rear _____

Shaft/Hoistway Conditions

- NEMA 1/IP10 Normal
- NEMA 4/IP54,56 Moisture
- NEMA 4X/IP56 Corrosion
- NEMA 7/9 Explosion

Options:

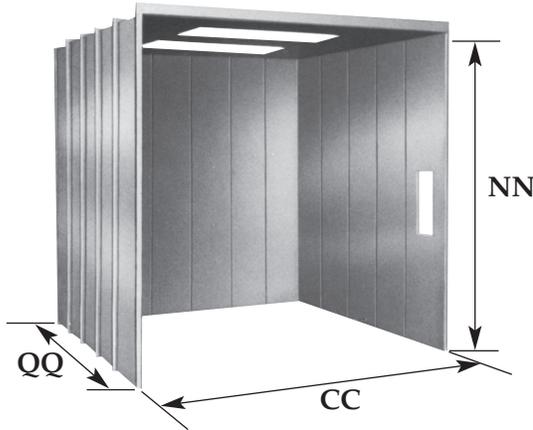
- Standard Power Coat Special Color/Colour – Power Coat RAL # _____
- Stainless Steel Panels
- () Fluorescent Light Fixtures 2-tube 1220mm /4 ft. long LED Lighting
- Enclosure Bumper-Hardwood Enclosure Bumper-Channel Steel Enclosure Bumper-stainless steel
- () Rows, size _____ X _____
- Enclosure Handrails (stainless)
- 2-Speed Exhaust Fan with grill Elevator Pads and Hooks



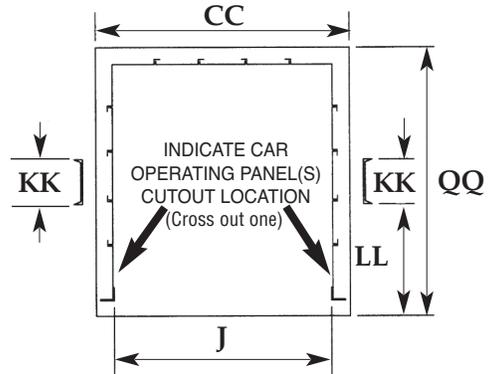
CAB ENCLOSURE REQUEST FOR QUOTE

Page 2 of 2

CAB ENCLOSURE



PLATFORM SECTIONAL PLAN VIEW

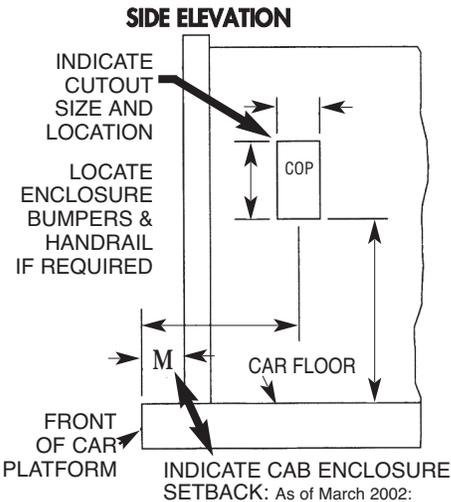


- CC. Car Platform Width _____
- QQ. Car Platform Depth _____
- NN. Car Opening Height _____
- J. Inside Cab Dimension _____
- LL. Front of Car to Stile _____
- KK. Size of Car Stile _____
- M. Cab Enclosure Angle Setback _____ below
- Door Opening Size: Width _____ Height _____
- Car Gate/Door Size: Width _____ Height _____
- Single-Section _____ Two-Section _____
- Two-Section (Solid Panel) Full-Car-Height Car Door _____
- Three-Section (Solid Panel) Full-Car-Height Car Door _____

CAB ENCLOSURE INCLUDES:

- Side Panels of #14/2mm Gauge Construction
- Top Panels – heavy duty design
- Flush mounted Fluorescent Light Fixtures (or other)
- Hinged Emergency Exit Panel with Electric Contact
- Car Operating Station (COP) Cutouts
- Stile Mounting Brackets
- Car-to-Frame Anti-Sway Stabilizers
- Baked on Powder Coat Finish
- Mounting Carriage Bolts (one size diameter, two different lengths)

CAR OPERATING PANEL LOCATION



4.5 in. (115mm) single-section Peelle car gate, or
 6.5 in. (165mm) two-section Peelle car gate, or
 7.5 in. (190mm) two-section full-car-height Peelle car door, or
 9 in. (216mm) three-section full-car height Peelle car door.

Peelle Cab Enclosure Specifications

General: Furnish a complete PEELE cab enclosure as shown on the plans. The enclosure shall have a clear opening width of _____, a clear depth of _____, and a clear height of _____. The cab enclosure shall comply with the latest Code for Elevators/Lifts (A17.1, B44, EN81). Equipment shall comply with IP10/NEMA 1 specifications unless specified for special environments.

Cab Enclosure Construction: The cab side walls shall be of not less than 14 gauge (2mm) sheet steel, properly braced and reinforced. It shall be practically flush on the inside, securely and rigidly fastened. The cab top shall be of not less than 14 gauge (2mm) sheet steel, so designed as to be capable of sustaining a load of 300 lbs. on any 2 ft. square (135kg on any 0.36m square) area. A hinged emergency exit with an emergency exit contact shall be provided in the cab top. The car top shall receive a Powder Coat white finish. If bumpers are supplied, cab enclosures in excess of 10 ft. (3000mm) in width or height shall be constructed with additional support.

Lighting: Light fixtures 2-tube fluorescent 4 ft. (1220mm) long shall be provided, as required. Recessed light fixtures shall be practically flush with the cab top interior. At least two light fixtures are recommended for car platform depths greater than 8 ft. (2500mm); one light fixture for every 4 ft. (1220mm) of depth. Two in-line light fixtures per door line are recommended for car platform widths greater than 8 ft. (2500mm) For example, a 10 ft. (3000mm) wide by 10 ft. (3000mm) deep car platform should have 4 light fixtures. At least two lights, one near front and one near rear, are recommended for cars with front and rear openings. Other lighting options are available.

Fixture Cutouts: All required cab enclosure fixture cutouts shall be provided by Peelle. Cutouts shall have perimeter steel angles for added strength. Fixtures shall be furnished by others.

Finish: Enclosure panels shall be given one coat of baked-on powder coat finish.

Car Gate/Car Door Mounting: Cab enclosure shall be arranged for mounting of Peelle car gates/car doors.



FOR POSITION ONLY

MODERNIZATION

FOR POSITION ONLY

FOR POSITION ONLY

FOR POSITION ONLY



REQUEST FOR QUOTE

Modernization Guide

THE PEELLE COMPANY Ltd.
 195 Sandalwood Pkwy. W. Brampton,
 Ontario L7A 1J6 Canada
 1-905-846-4545 • 1-800-787-5020
FAX: 1-905-846-2161
E-mail:
exportsales@peelledoor.com

Date: _____

CUSTOMER DATA:

JOB SITE DATA:

Company: _____

Job Name: _____

Address: _____

Location: _____

Contact Person: _____

Elevator# _____ Building _____

Phone: _____

FAX: _____

E-mail: _____

Quote Needed By: _____ Estimated Ship Date: _____

Original Manufacturer: PEELLE (Indicate PEELLE Job number) _____

Peelle Job Number is located on Door Controller and on door guide rails.

Courion
1986

EMS
1986

Guilbert
1953-1987

Harris Preble
1956-1992

Otis
1947-1982

Security
1920-1985

Car Capacity: _____ Class of Loading(A, B, C1, C2, C3): _____

Existing Hoistway Doors: Manual _____ Power _____ Quantity of Openings: Front _____ Rear _____

Door Openings Size: Width _____ Height _____ Existing Car Gate Size: Width _____ Height _____

Single-Section _____ Two-Section _____

Shaft/Hoistway Conditions:

- NEMA 1/IP10 Normal
- NEMA 4/IP54/IP56 Moisture
- NEMA 4X/IP56 Corrosion
- NEMA 7/9 Explosion
- NEMA 12/IP52 Dust-Industrial

Control Room Conditions:

- NEMA 1/IP10 Normal
- NEMA 4/IP54/IP56 Moisture
- NEMA 4X/IP56 Corrosion
- NEMA 7/9 Explosion
- NEMA 12/IP52 Dust-Industrial

Power Supply: _____ V, _____ PH, _____ HZ.

Quote Transformer: YES _____ NO _____



SECTION 4: HOISTWAY DOOR ASTRAGAL REPLACEMENT (Page 9)

Survey Sheet #4 Required

Complete Astragal Assembly _____ Replacement Flaps Only _____

Side Tension Latches (Peelle only) _____

SECTION 5: HOISTWAY DOOR INTERLOCK REPLACEMENT (Page 10)

Survey Sheet #5 Required Openings Required _____

Interlocks _____ Retiring Cam _____

Mechanical Lock and Contact _____ Fixed Cam _____

Hoistway Door Unlocking Devices _____ Side Opposite Locks _____

SECTION 6: ADDING COMPLETE HOISTWAY DOOR TO AN EXISTING LINE OF HOISTWAY DOORS (Page 11)

Complete Section 2 (page 3)

Survey Sheet #1 and #2 Required For Other Manufacturers

Retiring Cam(s) _____

Fixed Cam _____

Complete Car Gate _____

Replacement Controller _____

SECTION 7: COMPLETE CAR GATE REPLACEMENT (Page 12)

Survey Sheet #12 Required

Type:

Single-Section (3/8 in./9mm) _____ Two-Section (3/8 in./9mm) _____

Overhead/Headroom From The Top Landing _____

Construction:

1800mm/6 feet High _____ 10 Gauge Wire Mesh (3/8 in./9mm) _____

Full Car Height _____ Solid Panel _____

Hardwood Bumpers _____ Steel Bumpers _____

Finish:

Stainless Steel _____ (Baked on Powder Coat finish is standard)

Additional Equipment:

Enclosure Angles (Required For Replacement of Non-Peelle Gates) _____

SECTION 8: CAR GATE PANEL REPLACEMENT (EXISTING PEELLE OR OTIS ONLY) (Page 13)

Complete Section 7, & 10 (if applicable)

Survey Sheet #10 Required for Otis Gate

SECTION 9: CAR GATE RAILS REPLACEMENT (EXISTING PEELLE ONLY) (Page 13)

Quantity Required _____ Which Line (Front or Rear) _____

Counterweight Side _____ Length _____ Counterweight Guard _____

Limit Side _____ Length _____



SECTION 10: REOPENING DEVICE REPLACEMENT (Page 14)

Reversing Edge _____ Length _____ **Survey Sheet #11 Required For Other Mfg.**
Light Curtain Retrofit Kit (The Protector™) _____ (Must have AC Motors)
Auxiliary Controller (Reopening Control) _____ (For gates without a Reopening Device)

SECTION 11A: CONTROLLER REPLACEMENT (MUST HAVE AC MOTORS) (Page 15)

Single Line _____ Double Line _____
Change from Single (1940s) To Two Speed _____

Options:

Transformer (voltage other than 208/220) _____
Strobe Light for Auto Close System _____

SECTION 11B: CONTROLLER MODIFICATION (Page 15)

Sequence Operation _____

Options:

Reopening Device (Reversing Edge) _____
Reopening Device (Light Curtain Retrofit Kit) _____
Reopening Devices (Edge and Curtain Kit) _____

CONTROLLER MODIFICATION (EXISTING PEELLE ONLY)

Add Auto Close System (Auxiliary Controller)

Options:

Warning Buzzer (to be mounted on car) _____
Strobe Light (to be mounted through car ceiling) _____

CONTROLLER MODIFICATION (EXISTING PEELLE ONLY)

Add Reopening Control (Auxiliary Controller)

Options:

Reopening Device (Reversing Edge) _____
Reopening Device (Light Curtain Retrofit Kit) _____
Reopening Devices (Edge and Curtain Kit) _____

SECTION 12: COMPLETE CAR ENCLOSURE REPLACEMENT (Page 16)

Survey Sheet #13 Required

Options:

Hardwood Bumpers _____ Steel Bumpers _____
Enclosure Handrails _____ Stainless Steel Panels _____



SECTION 1

POWER CONVERSION PACKAGE

Application: To power operate or re-motorize existing freight elevator doors manufactured by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security. **Power Conversion Package reuses the existing door panels and rails.**

Non-Peelle Power doors (single speed) may be re-motorized with Power Conversion Package (two-speed), especially Guilbert, Harris Preble and Otis. Peelle Power doors (single speed 1935-1949) should be re-motorized with Power Conversion Package (two-speed). Most manual doors should be motorized with Power Conversion Package. Power doors are recommended if operated by personnel other than a trained elevator operator, such as delivery personnel, greater than 8' 0" wide, small statured personnel and where there is a high degree of safety.

Power Conversion Package Includes:

- Door Operators (2 per door)(two-speed)
- Door Master Limit (per line)
- Door Chains and Rods
- Hangerbar Extensions (When Required)
- Door Interlocks
- Door Guide Shoes (When Required)
- Door Tension Latches or Side Opposite Locks
- Retiring Cam Assembly
- Door Resilient Astragals (when required to replace steel astragal)
- Peelle Door Controller with Sequence Operation, Fire Service (Standard in USA) and Auto Close System availability
- Complete Power Operated Car Gate, completely new, with reopening device (edge, curtain, both)
- Door Unlocking Devices (Per local code)

NOTE: Peelle doors 1935-1949 were manufactured with single speed, not two-speed operators. Others manufacturers may supply single speed, not two-speed operators.

Optional Equipment:

- Wiring Material (Electrical Package)
- Strobe Light for Auto Close System
- Transformer (voltages other than 208/220)
- Light Curtain Retrofit Kit
- Bumpers for Car Gate, Hardwood or Steel
- Equipment for NEMA:
 - 4/IP54/56 (Moisture); 4X/IP56 (Corrosion);
 - 7 & 9 (Explosion); 12/IP52 (Dust)

Benefits:

- Provides compliance with A17/B44 Codes.
- Lower cost by reusing existing panels and rails.
- Peelle power equipment improves dependability.
- Current Peelle production equipment-will be available for 50 years.
- Power Operation reduces loading time and effort.
- Move freight faster.
- Reduce shutdowns caused by manual doors.
- Improve building investments.
- Smoother, quieter operation.
- Same warranty as new equipment.
- Easier to operate

NOTE: Peelle is approved under U.L. procedure to replace equipment on other manufacturers' freight elevator doors and maintain the existing U.L. fire rating label.

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided). May use Sheet 8A or 8B.
- Factory Performed Field Surveys available at an additional cost.
- Information Required for Other Manufacturers: Sheet #1 and

Existing Courion....	Sheet #6	Existing Otis....	Sheet #9
Existing EMS....	Sheet #6	Existing Security....	Sheet #6
Existing Guilbert....	Sheet #7		
Existing Harris Preble....	Sheet #8A (Regular) or #8B (Pass & Extended Sill)		



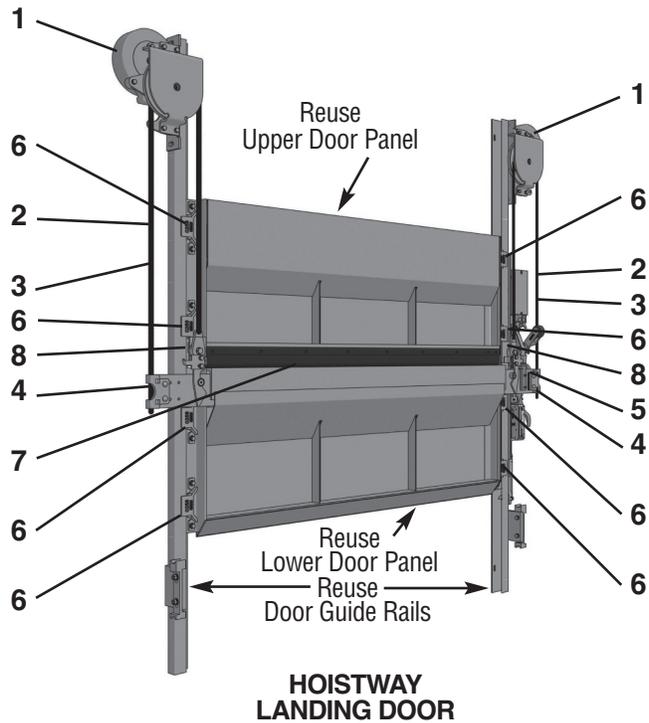
SECTION 1 POWER CONVERSION PACKAGE

FOR EACH DOOR (reuse panel and rails)

1. Peelle door operators (2)
 2. Peelle door chains (2 sets)
 3. Peelle chain rods (2)
 4. Peelle hangerbar extensions (2)
 5. Peelle interlock (door locking device)
 6. Peelle guide shoes (4 per panel)
 7. Peelle resilient astragal (cushion strip)
 8. Peelle tension latches
- Option: Peelle Wiring Package

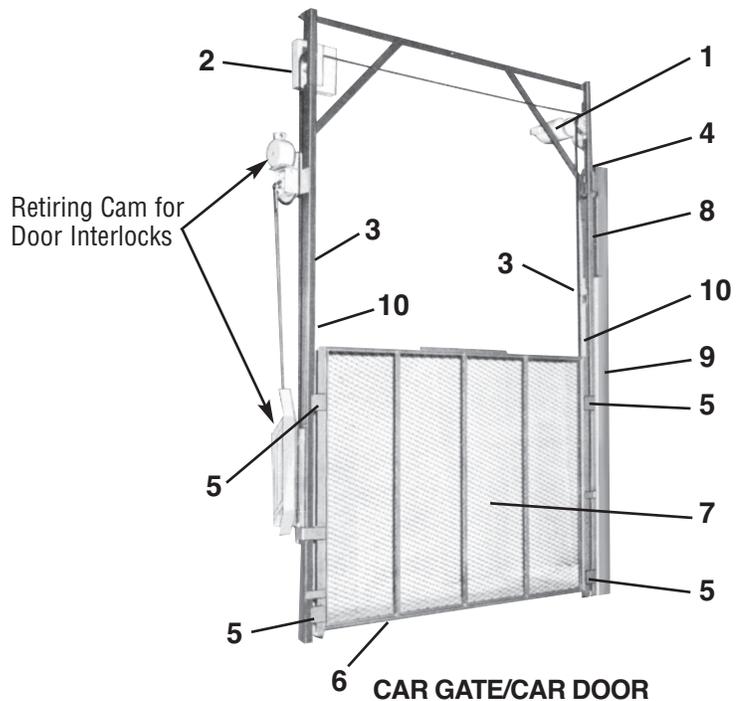
FOR EACH LINE OF DOORS

- Peelle power controller for door/gate
- Peelle power operated car gate, furnished completely new, with reopening device (edge, curtain, or both)
- Peelle retiring cam
- Peelle door unlocking devices (per local code)
- Options: Auto Close System with Buzzer, Strobe Light for Auto Close System, Transformer, Bumpers for Car Gate
- Master Linit Arrangement



EACH GATE (complete new)

1. Gate operator
2. Gate Idler
3. Gate chains (2 sets)
4. Gate contact
5. Guide shoes (4 per panel)
6. Reversing Edge, or Curtain, or both
7. Gate panel
8. Gate counterweight
9. Counterweight guard
10. Gate rails



SECTION 2 HOISTWAY DOOR PANEL REPLACEMENT

Application: To replace existing hoistway door **panels** manufactured by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security.

Door Panel Replacement Includes:

- Door Panel(s), steel plate construction (F10S)
- Guide Shoes
- Vision Panel
- Baked on Powder Coat Finish
- Resilient Astragal (Upper Panel)
- Fire Lintel (Pass Type Upper Panel)
- Trucking Sill (Lower Panel)

Door Panel Available:

- Upper Panel
- Lower Panel
- Both Upper Panel and Lower Panel (One Pair)

Optional Finish:

- Stainless Steel Roomside Add-on Fascia
- Complete Stainless Steel Construction (for special environment)

NOTES:

- (a) Peelle is approved under U.L. procedure to replace panels on other manufacturers' freight elevator doors and maintain the existing U.L. fire rating label. For example Peelle supplies UL labeled door panel replacements compatible with Otis UL doors to comply with A17.1 Code Rule 2.11.15 (was 110.15). Replacing an Otis panel with a panel that is not manufactured by Peelle may void the UL label.
- (b) If loads on car exceed car load rating, the load rating of existing door panels and door rails may be exceeded. Contact Peelle Modernization Sales for additional information.

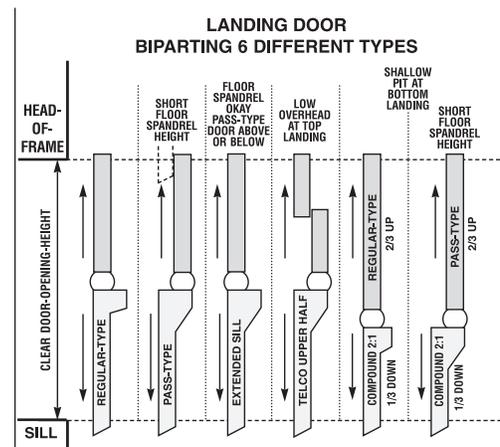
Benefits:

- Provides compliance with A17/B44 Codes.
- Lower cost by reusing existing rails
- Expedited shipments available

Survey Sheets Required:

- No Survey Sheet Required For Existing Peelle Equipment (Job Number must be provided). May use Sheet 8A or 8B.
- Factory Performed Field Surveys at an additional cost.
- Information Required for Other Manufacturers:

Existing Courion....	Sheet #6
Existing EMS....	Sheet #6
Existing Guilbert....	Sheet #7 Expedited
Existing Harris Preble....	Sheet #8A (Regular) or #8B (Pass & Extended Sill)
Existing Otis....	Sheet #9
Existing Security....	Sheet #6



SECTION 3

HOISTWAY DOOR RAILS REPLACEMENT

Application: To replace existing hoistway door rails manufactured by Peelle.

Door Rail Replacement Includes:

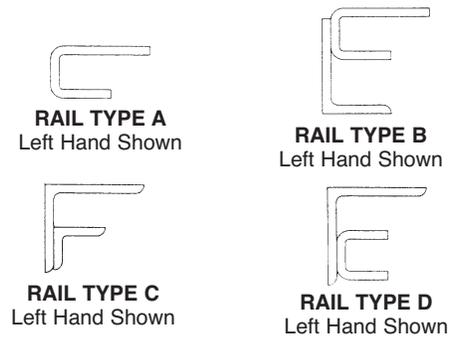
- Pair of Door Rails (A,B,C,D)
- Rail Mounting Angles (to mount rail to wall)
- Rail Stops
- Interlock Plugging Device
- Mounting Bolts

Rail Pairs Available:

- Lower Guide Rails
- Intermediate Guide Rails
- Upper Guide Rails
- Unit Rails

NOTES:

- (a) See Survey Sheet 3 for illustrations of lower, intermediate, upper, and unit rails.
 (b) Single rail (left hand or right hand) available upon request. Hand determined standing on car facing door.



Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided). May use Survey Sheet 3.

SECTION 4

HOISTWAY DOOR ASTRAGAL REPLACEMENT

Application: To replace existing steel astragal with resilient astragal conforming to A17/B44 Codes. For doors manufactured by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security.

Astragal Replacement Includes:

- Resilient Astragal (includes mounting channel)
- Dual Side Tension Latches (Peelle only)
- Double Bar Center Latches (manual doors, where applicable)
- Door Balancing Weights
- Mounting Hardware

Benefits:

- Improves system safety
- Provides compliance with A17.3 Code (requires removal of overlapping steel astragals and removal of center-hook-latches).
- Removes door shearing hazard

NOTES:

- (a) Peelle is approved under U.L. procedure to replace resilient astragals on other manufacturers' freight elevator doors and maintain the existing U.L. fire rating label.
 (b) Peelle doors prior to 1955 were manufactured with steel astragals.
 (c) Type and condition of original interlock should be checked and replaced if needed.
 (d) For doors over 3000mm/10 feet wide, a Side Opposite Lock is recommended to ensure a locked closed position.

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Information Required for Other Manufacturers... Sheet 4



SECTION 5 HOISTWAY DOOR INTERLOCK REPLACEMENT

Application: To replace existing hoistway door locks with interlocks conforming to A17/B44 Codes for:

- **Power** doors by Peelle.
- **Manual** doors by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security.

When replacing Interlocks, all Interlocks on the same line must be of the same type.

Interlock Replacement Includes:

- New UL/CSA Approved Hoistway Door Peelle Interlocks with upper panel locking, lower panel locking, and tamper resistant Interlock plugging
- Retiring Cams
- Retiring Cam mounting angles (when required for non-Peelle gates)
- Unlocking Devices (Per local code)

NOTE: Interlock plugging prevents door-closed contact from being made when door is open. Required by code.

Optional Equipment:

- Interlock Equipment for NEMA 4/IP54/56 (Moisture); 4X/IP56 (Corrosion); 7 & 9 (Explosion); 12/IP52 (Dust)
- Side Opposite Lock for doors over 3000mm/10 feet wide to ensure closed position (doors prior to 1989 did not have Side Opposite Locks)

NOTE: When replacing Interlocks, Door Guide Shoes must be in proper working condition.

Benefits:

- Provides compliance with A17/B44 Codes (requires approved interlocks).
- Upper Panel Locking as required by A17.1 Code.
- Tamper resistant Interlock Plugging as required by A17.1 Code.
- Eliminates center-hook-latch as required by A17.3 Code.

NOTES:

(a) Peelle is approved under U.L. procedure to replace interlocks on other manufacturers' freight elevator doors and maintain the existing U.L. fire rating label.

(b) Peelle Interlocks: (I) Prior to 1955 did not have tamper resistant Interlock Plugging; (II) Prior to 1977 did not have Upper Panel Locking; (III) Prior to 1989 did not have Side Opposite Locks.

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Factory Performed Field Surveys available at an additional cost.
- Information Required for Other Manufacturers... Sheet 5



SECTION 6

ADDING COMPLETE HOISTWAY DOOR TO AN EXISTING LINE OF HOISTWAY DOORS

Application: To provide a complete hoistway door assembly to an existing line of doors.

Adding a Complete Hoistway Door Includes:

- Complete Hoistway Door, which includes panels, rails, shoes, door interlock, astragal, vision panel and sheaves
- Unlocking Devices (Per local code)
- Side Opposite Lock for door over 3000mm/10 feet wide
- Power door also includes hoistway door operators, door limit; and Auxiliary controller (if required)

NOTE:

A separate Auxiliary Controller to operate the Peelle power door is required for: (a) existing Controller other than Peelle, or (b) some existing Peelle Controllers.

Optional Equipment:

- Retiring Cam
- Fixed Cam
- Complete Car Gate Replacement
- Replacement Controller to operate the complete power door and car gate system

NOTE:

Peelle Controllers prior to 1969 should be upgraded by a completely new Peelle Controller Replacement (see Section 11, page 15).

Benefits:

- Provides compliance with A17/B44 Codes Rule 8.7.2.10.3 (was 1201.10c).
- Adding a door doesn't require ripout of the entire line of doors
- Provides value to the building owner
- Improves building investments

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Factory Performed Field Surveys available at an additional cost.
- Information Required for Other Manufacturers... Sheets #1 & 2



SECTION 7

COMPLETE CAR GATE REPLACEMENT

Application: To replace existing manual or power car gates manufactured by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security.

Available Designs:

- Manual Operation with Pull Strap
- Power Operation Two-Speed
- Single-Section-Solid Panel or Wire Mesh
- Two-Section-Solid Panel or Wire Mesh
- 1800mm/6 feet High or Full-Height-of-Car-Enclosure

Complete Car Gate Replacement Includes:

- Gate Panel(s) (3/8 in./9mm)
- Guide Shoes
- Pull Strap (Manual Operation)
- Counterweight(s) and Guard(s)
- Gate Chains
- Gate Rails
- Baked on Powder Coat Finish
- Gate Operator (Power Operation)
- Gate Limit (Power Operation)
- Auxiliary Gate Controller (required when the existing power gate is other than Peelle)
- Peelle Light Curtain, Reversing Edge, or both.

Optional Equipment:

- Bumpers, Hardwood or Steel
- Stainless Steel Construction
- Passenger Lift Package
 - Solid Panel Car Gate
 - Light Curtain (non-contact)
 - Reversing Edge (contact)
 - 600 RPM Gate Motor
 - Safety Operation Labels
 - Auto Open and Auto Close
 - Full Height Gate Panel
- Removeable/Replaceable Lower 2'0" Panel
- Retail Lift Designed with Flush Lower Half (Reduces Shopping Cart Capture)

Benefits:

- Improve Gate System Safety
- Provide Value to the Building Owner
- Improve Building Investment

Additional Equipment:

- Enclosure Angles (required for replacement of non-Peelle gates)

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Factory Performed Field Surveys available at an additional cost.
- Information Required for Other Manufacturers... Sheet 12



SECTION 8

CAR GATE PANEL REPLACEMENT

Application: To replace existing gate **panels** for car gates manufactured by Peelle or Otis.

Gate Panel Replacement Includes:

- Gate Panel: 10-gauge wire mesh construction (standard gate height is 1800mm/6 feet) **(3/8 in./9mm design)**
- Guide Shoes
- Pull Strap (Manual Operation)
- Baked Powder Coat Finish
- Mechanical Reversing Edge (Power Operation)
- Light Curtain Retrofit Kit (Power Operation)
- Auxiliary control (when required to incorporate reopening control for the existing Peelle door/gate controller)
- Auxiliary Gate Controller (required when the existing power gate is other than Peelle)

NOTE: When replacing an existing Gate Panel, altering the construction will change the gate panel weight/counterweight relationship and a new gate counterweight is usually supplied. New gate chains are required.

Optional Equipment:

- Bumpers, Hardwood or Steel
- Stainless Steel Construction
- Removeable/Replaceable Lower 2'0" Panel
- Retail Lift Designed with Flush Lower Half (Reduces Shopping Cart Capture)

Benefits

- Lower Cost by Reusing Existing Rails
- Expedited Shipments Available

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Existing Otis Gates.... Sheet 10

SECTION 9

CAR GATE RAILS REPLACEMENT

Application: To replace existing gate rails for car gates manufactured by Peelle.

Available Gate Rail Types:

- Counterweight Side Gate Rail with counterweight track and mounting hardware; with or without optional counterweight guard upgrade
- Limit Side Gate Rail with mounting hardware (reuse existing limit)

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)



SECTION 10

REOPENING DEVICE REPLACEMENT

Application: To provide or replace the reopening device for existing power car gates manufactured by Peelle, Courion, EMS, Guilbert, Harris Preble, Otis and Security.

Reversing Edge

Design:

- Vinyl covered with electric contact strip for NEMA 1, 4, 4X, 12/IP10, 52, 54
- Vinyl covered with pneumatic activation for NEMA 7 and 9

Reversing Edge Replacement Includes:

- Reversing Edge; with retaining strips and hardware (give length or job number)

Optional Equipment:

- Auxiliary Controller (add Reopening Control)(For Gates without a Reopening Device)

Benefits:

- Car gate and hoistway door will reopen when an obstruction is detected by the edge.

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Information Required for Other Manufacturers.... Sheet 11

NOTE: For car gates prior to 1969, adding a reopening device requires complete car gate replacement (refer to Section 7).

4699 Light Curtain Retrofit Kit (*THE PROTECTOR*[™])

Design:

- Light Curtain Retrofit Kit (The Protector[™]) (cascade) designed for vertically sliding car gates. Nema 1,4

Reopening Device Kit Includes:

- Two arrays, power cords, power supply, retrofit hardware and instructions.

NOTE: The kit needs either 2 or 4 spare wires of the elevator travel cable.

Optional Equipment:

- Auxiliary Controller (add Reopening Control) (For gates without a reopening device)

Benefits:

- Light curtain (cascade) is mounted inside the gate track. *No need to make modifications to the cab.* The Detection beams are directly adjacent to the traveling gate panel to provide ultimate protection during closing. The light curtain will ignore the car gate as it closes (cascades) past the system sensors.
- Car gate and hoistway door, while in the open position, will not move when an obstruction is detected by the light curtain.
- Car gate and hoistway door, while closing, will reopen when an obstruction is detected by the light curtain.

Survey Sheets Required:

- See Guide 222 for Space Requirements
- Peelle Job Number Required



SECTION 11A

CONTROLLER REPLACEMENT WITH NEW PLC

Application: To replace existing Peelle Door Controllers 1950–2001.

Controller Replacement Includes:

- Fire Service, Phase I and II (requires some hoistway wiring changes for jobs 1950–1969)
- Auto Close (requires Warning Buzzer and Reopening Control – both are included)
- Auto Close Warning Buzzer (requires mounting this Warning Buzzer on car)
- Reopening Control of car gate and hoistway door by Reopening Device (requires Reopening Device)
- Reverse Phase protection
- Continuous Close or Momentary Pressure Close
- PLC Controller (current Peelle production)
- Instruction sheets

Optional Equipment:

- Transformers for 3-phase AC 50/60Hz power supplies other than 220 volt
- Door Stop Button (by others)
- Strobe Light

Benefits (will easily replace most existing Peelle Controllers):

- Equal or improved door operation
- Wire terminal numbers on controller are the same as original controller (if original elevator controller remains as is)
- Auto Close is user selectable (on/off)
- Controller interface is user selectable (standard/slave)
- No proprietary service tool required
- Controller Replacement cost is less than a few motor replacements. Better motor protection is provided.
- **Fire Service, Phase I and II** – To meet local code requirements.
- **Auto Close System**– Hoistway Door and Car Gate will automatically close after a pre-determined period of time or in response to remote initiation. Eliminates need for elevator operator to close door.
- **Sequence Operation** – For safety, to prevent attempted entry or egress too early:
Close Direction: Car gate closes 2/3 before hoistway door starts to close.
Open Direction: Hoistway door opens 2/3 before car gate starts to open.
- **Two-Speed Operation** – Eliminates slams and door bounce when closing. Shutdowns can occur if the door bounces open.
- **Automatic Stay Open** – Keeps the hoistway door open if rebounding occurs when loading or unloading the car.

SECTION 11B

EXISTING CONTROLLER MODIFICATION

Controller Modification (Existing Peelle Only)

- Modify Controller from Simultaneous to Sequence Operation (requires Reopening Device)
- Add Auto Close System (Auxiliary Controller)(requires car-mounted Warning Buzzer)
- Add Reopening Control (Auxiliary Controller) (requires Reopening Device such as Light Curtain)

Survey Sheets Required:

- No Survey Sheet Required for Existing Peelle Equipment (Job Number must be provided)
- Factory Performed Field Surveys available at an additional cost



SECTION 12 COMPLETE CAB ENCLOSURE REPLACEMENT

Application: To replace existing freight cab (car) enclosure.

Complete Cab Enclosure Replacement Includes:

- Side Panels of #14/2mm Gauge Construction
- Top Panels – heavy duty design
- Flush mounted Fluorescent Light Fixtures
- Hinged Emergency Exit Panel with Electric Contact
- Car Operating Station (COP) Cutouts
- Stile Mounting Brackets
- Car-to-Frame Anti-Sway Stabilizers
- Baked on Powder Coat Finish RAL 7010
- Mounting Carriage Bolts (one size diameter, two different lengths)

Optional Equipment:

- Enclosure Bumpers, Hardwood or Steel
- Enclosure Handrails
- Stainless Steel Panels, #4 Finish
- Car top handrails
- Handrails
- Protective Pads and Hooks
- Auto Lift Package
 - Bumpers (wood or steel)
 - Floor Curb
 - Exhaust Fan
 - Stop & Go Lights

Benefits:

- Easy installation– entirely from inside the car
- Sturdy design allows mechanics to work on top of the cab
- Steel canopy over light fixtures for added protection when working on top of car
- COP cutout reinforcements for strength

Survey Sheets Required:

- Information Required... Sheet 13
- Factory Performed Field Surveys available at an additional cost.

Also Available:

Spare Parts Kit
Part Number 060032



Installation Tools Kit
Part Number 060040



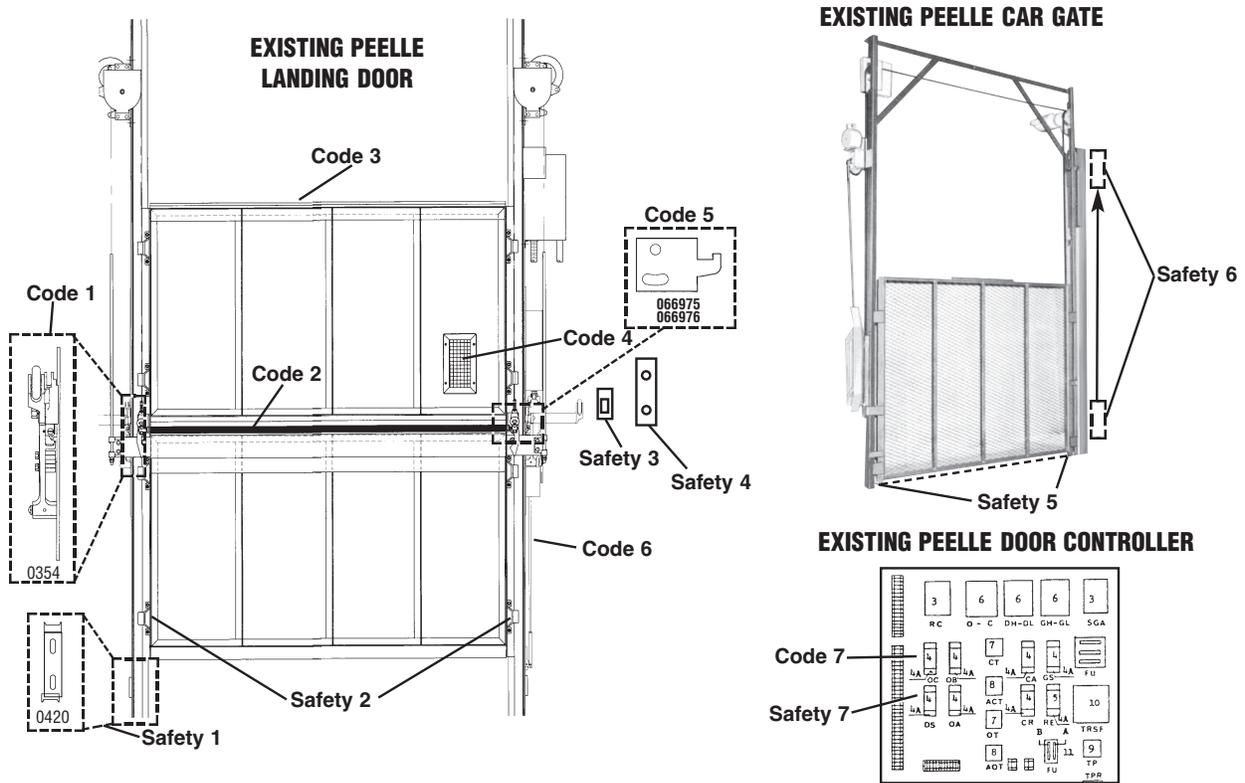
Consumables Kit
Part Number 060086



Safety Labels
Part Number 060045



Code and Safety Upgrades – Peelle Doors



Code Required Upgrades (ASME A17.3 partial list)

- Code 1.** Add Peelle #0354 Side Opposite Lock to lock the side of door opposite the interlock. For doors before 1989 over 3000mm/10 feet wide. Requires cam on car. May require shoe replacements, refer to Safety 2 below.
- Code 2.** Add Peelle Resilient Astragal to replace existing steel astragal. For doors before 1955. Refer to Modernization Guide 312 Section 4.
- Code 3.** Replace missing or worn Peelle #06781 Fire Lintel on Pass type doors.
- Code 4.** Replace oversize vision panels with standard size Peelle Vision Panels, grills and filler plates. For some doors before 1950. If a persons head can fit through vision panel, vision panel size should be reduced. Recommend grills on all vision panels.
- Code 5.** Add Peelle #066975 Lock Keeper to lock the upper panel. For doors before 1977. See illustration Parts Guide 314 page 7. Requires new interlocks.
- Code 6.** Add Peelle #23561 Tamper Resistant Plugging Device to prevent activation of door interlock close contact when door is open. For doors before 1955.
- Code 7.** Add a completely new Peelle Controller Replacement with Fire Service when Fire Service is added to elevator. Refer to Modernization Guide 312 Section 11.
- Code 8.** Replace Double Section Gate Panels. New gate panels have tightly weaved 3/8 rectangular wire mesh.

Safety Upgrades (partial list)

- Safety 1.** Upgrade Door Stops with Peelle #0420. For doors before 1950 . For smoother trucking across door sill.
- Safety 2.** Replace Landing Door Shoes to eliminate excessive play that causes improper door locking.
- Safety 3.** Upgrade Unlocking Devices with Peelle #2380 that has an electric contact which when activated disables power door operation. For power doors. For unlocking devices before 1973.
- Safety 4.** Add #4699 Light Curtain Retrofit Kit (The Protector™). Refer to Modernization Guide 312 Section 10.
- Safety 5.** Reposition Car Gate Contact upward out of reach of persons inside car with Peelle #2342, #234200 and #234201. For car gates before 1960.
- Safety 6.** Modify Door Controller from Simultaneous Operation to Sequence Operation. Requires reopening device; recommend Peelle #4699 Light Curtain Retrofit Kit, refer to Modernization Guide 312 Section 10.

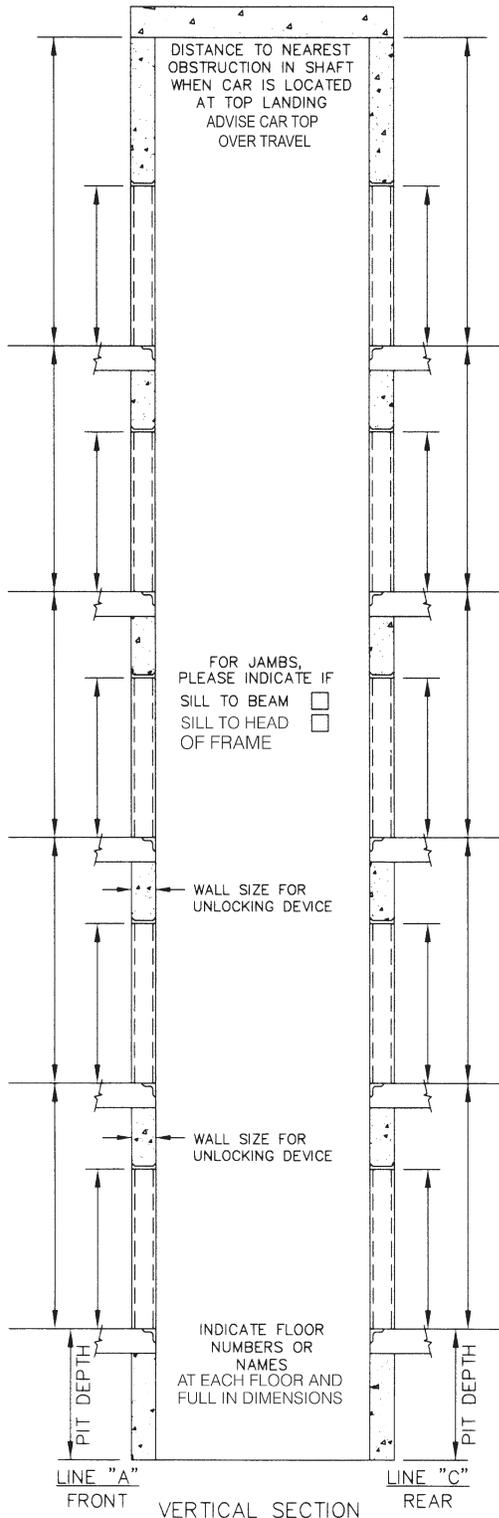


SURVEY SHEET #1

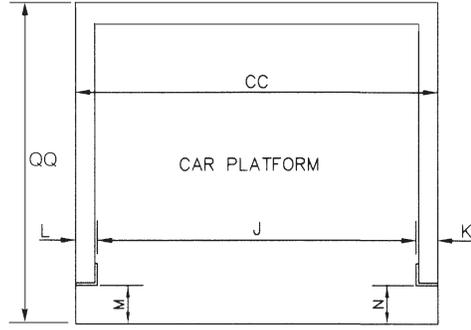
NEW DOOR & GATE SURVEY SHEET - ALL MANUFACTURES

POWER

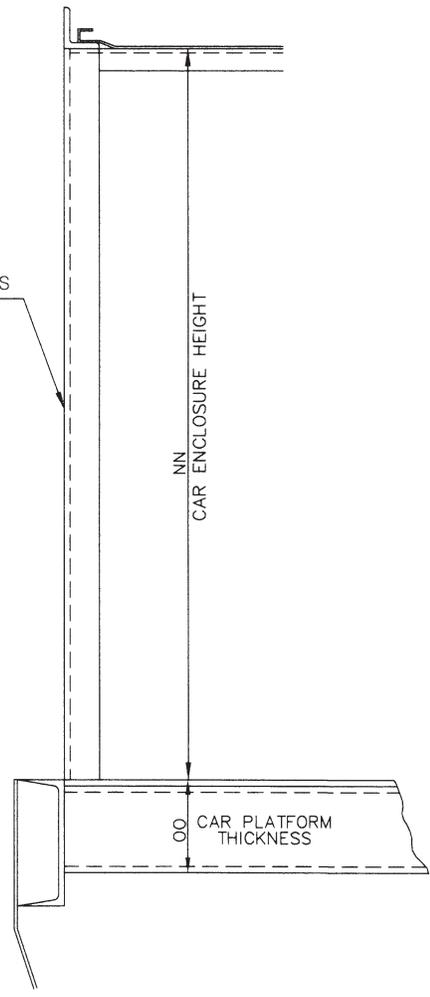
MANUAL



- QQ _____
 - CC _____
 - J _____
 - K _____
 - L _____
 - M _____
 - N _____
 - NN _____
 - OO _____
- DISTANCE TO MACHINE ROOM _____



CAB ENCLOSURE ANGLES
(GIVE SIZE)



SIDE ELEVATION OF CAR

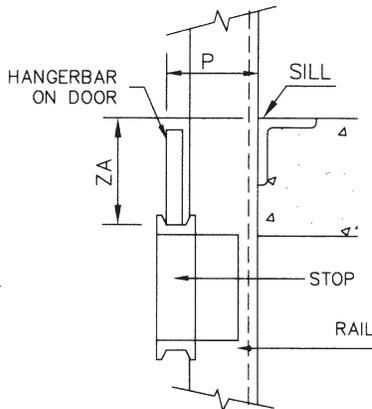
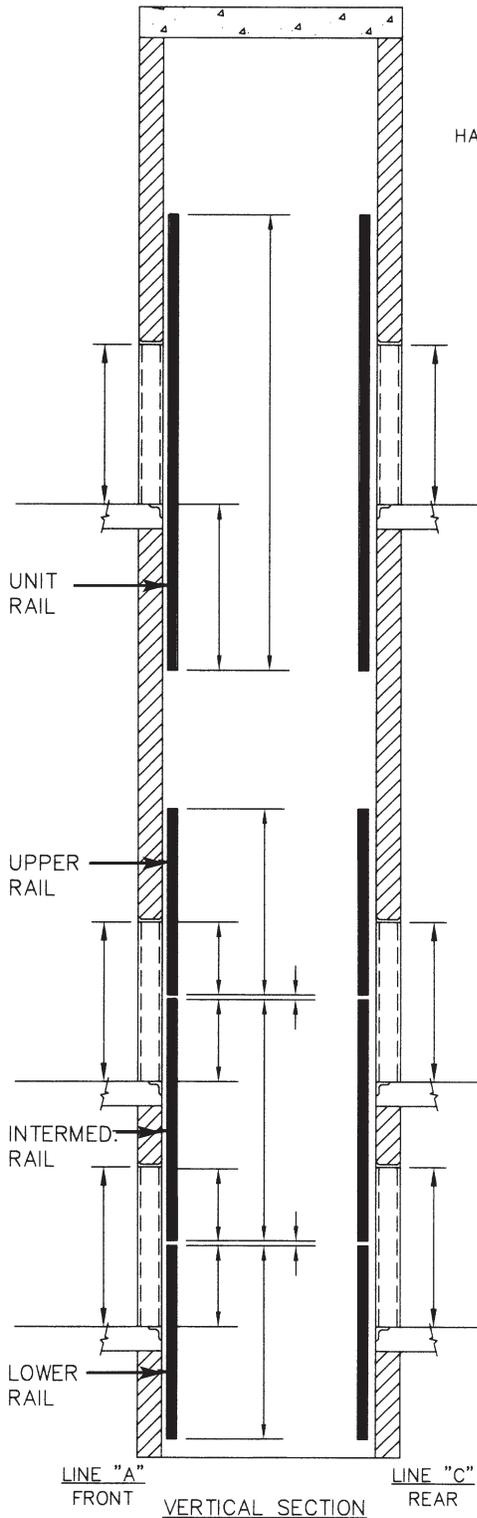




SURVEY SHEET #3

HOISTWAY DOOR RAIL SURVEY SHEET

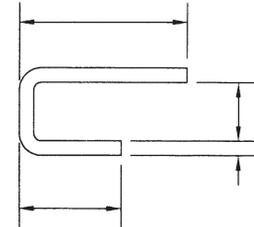
(PEELLE ONLY)



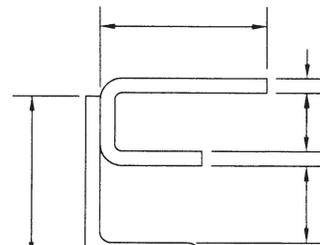
SILL STOP LOCATION AT EACH FLOOR
RH SHOWN
LH OPPOSITE TO SHOWN

FLOOR	P	ZA

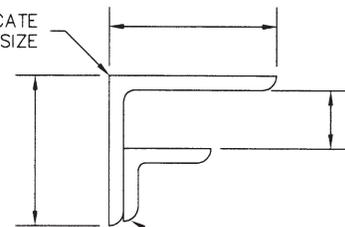
INDICATE RAIL TYPE AND SIZES BELOW
IF RAIL TYPE NOT SHOWN PROVIDE SKETCH



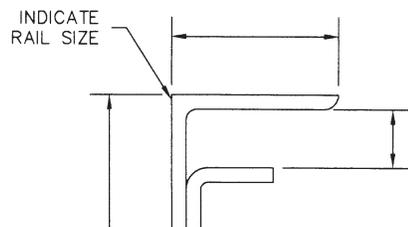
RAIL TYPE A
LEFT HAND SHOWN



RAIL TYPE B
LEFT HAND SHOWN



RAIL TYPE C
LEFT HAND SHOWN



RAIL TYPE D
LEFT HAND SHOWN

HANDS OF ELEVATOR DOOR HARDWARE ARE DETERMINED BY STANDING IN CAR FACING DOOR.





SURVEY SHEET #4

ASTRALGAL SURVEY SHEET

POWER

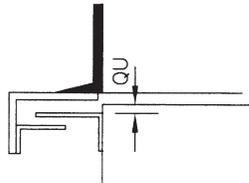
MANUAL

DOOR MANUFACTURER:

(CHECK ONE)

- PEELLE
- COURION/SECURITY
- GUILBERT
- HARRIS PREBLE
- OTIS

DIMENSIONS	
AA	R
P	S
QU	T
FP	U
EE	TYPE & HAND OF INTERLOCK <input type="checkbox"/> LH <input type="checkbox"/> RH
UU	DOOR FRAME ANGLE SIZE
X	MAIN RAIL ANGLE SIZE
Y	GUIDE RAIL ANGLE SIZE
YY	ANGLE LEG SIZE
II	CENTER LATCH ON <input type="checkbox"/> LOWER PANEL <input type="checkbox"/> UPPER PANEL
JJ	ROOM SIDE LEVER <input type="checkbox"/> YES <input type="checkbox"/> NO

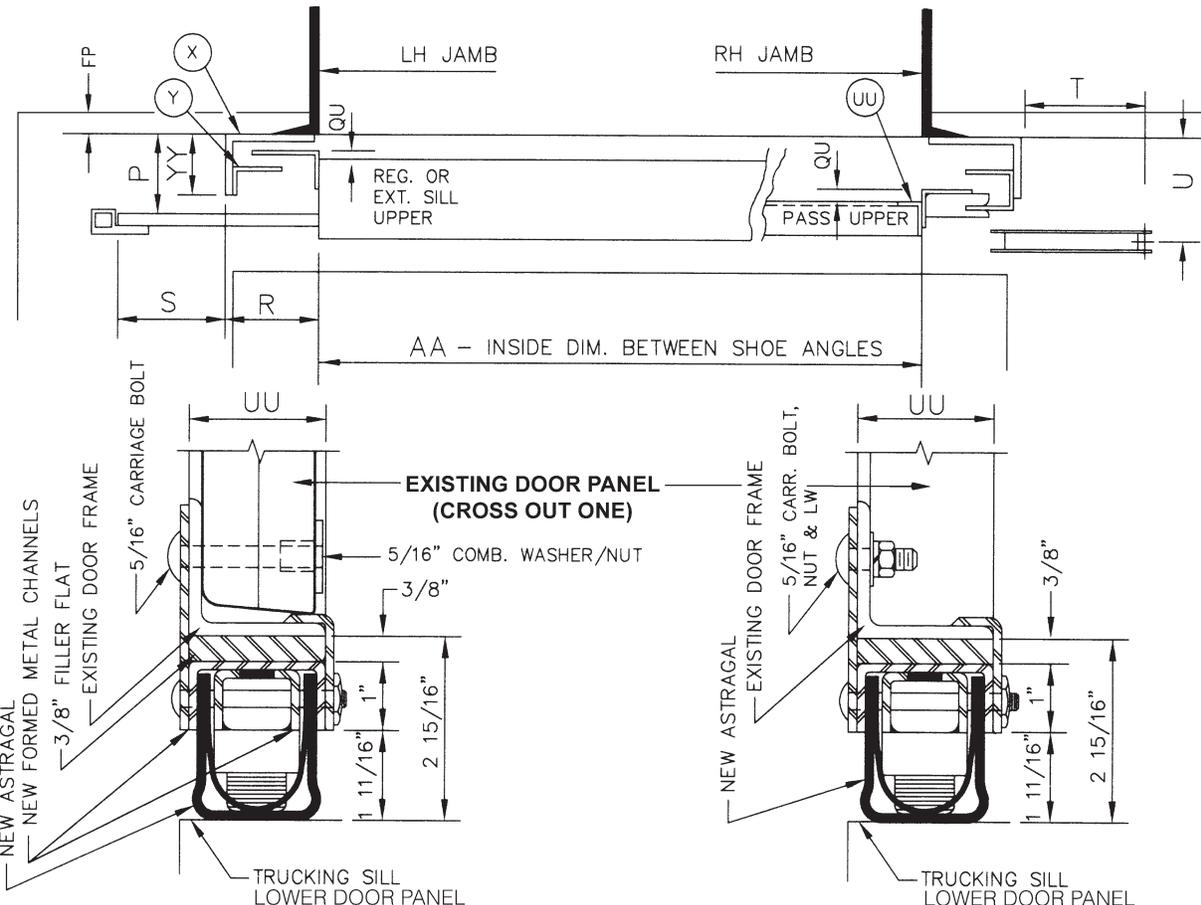


ALTERNATE
(CROSS OUT ONE)

NOTE: DIM. 'S', 'T', 'U', 'P', "EE", "UU", "X", "Y" & "YY" ONLY REQUIRED WHEN PEELLE SIDE TENSION LATCHING IS REQUIRED.

HANDS OF ELEVATOR DOOR HARDWARE ARE DETERMINED BY STANDING IN CAR FACING DOOR.

GIVE DISCRPTION OF EXISTING ASTRALGAL
GIVE DISCRPTION OF TYPE OF CHAIN



2 1/2" ASTRALGAL FOR WOOD CORE DOORS
NOTE: SHADED ITEMS ARE NEW ITEMS BY PEELLE

2 1/2" ASTRALGAL FOR STEEL PLATE DOORS





SURVEY SHEET #5

INTERLOCK / RETIRING CAM SURVEY SHEET

POWER (Peelle Only) **MANUAL**

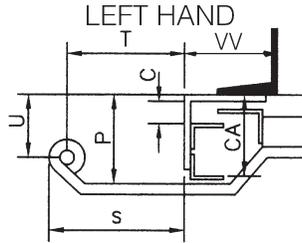
INTERLOCKS FOR DOORS BY:
(CHECK ONE)

- PEELLE
- COURION/SECURITY
- GUILBERT
- HARRIS PREBLE
- OTIS

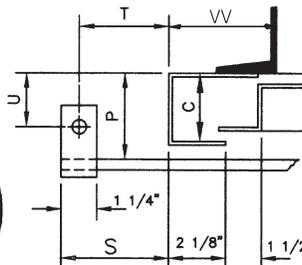
DIMENSIONS

C	_____	S	_____
CA	_____	T	_____
E	_____	U	_____
G	_____	NN	_____
I	_____	OO	_____
P	_____	SS	_____

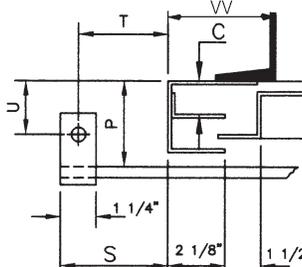
LOWER PANEL SHOE ANGLE ___X___X___



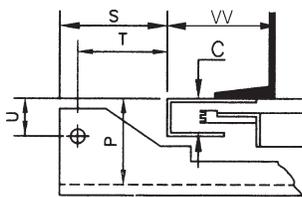
COURION/SECURITY
PASS RAIL



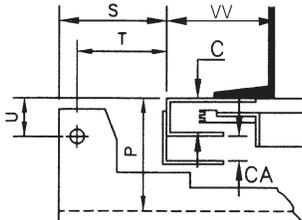
GUILBERT REGULAR RAIL



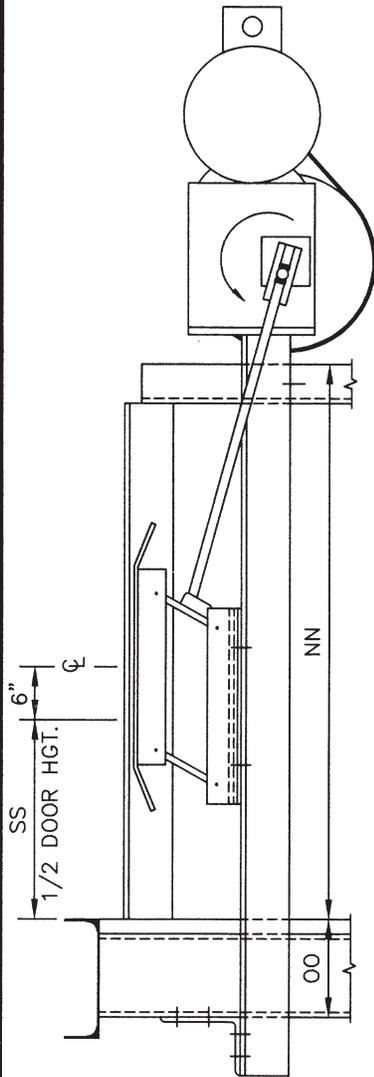
GUILBERT PASS RAIL



OTIS REGULAR RAIL

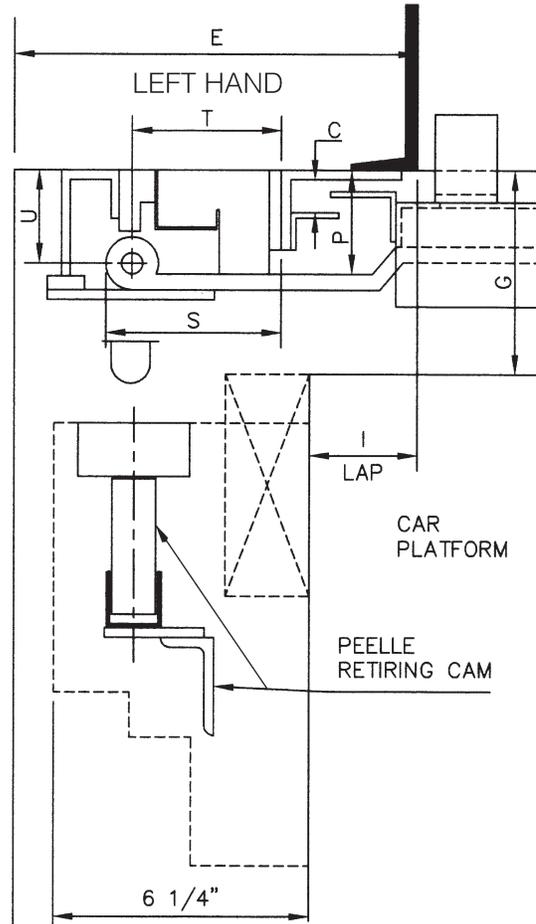


OTIS PASS RAIL



PEELLE RETIRING CAM

NOTE: DIM. 'E', 'G' & 'I' ARE
REQUIRED FOR ALL
MANUFACTURERS



PLAN SHOWING PEELLE UB-1A
INTERLOCK ON COURION/SECURITY
DOOR WITH REGULAR RAIL

_____ LH AS SHOWN

_____ RH OPPOSITE TO SHOW
HANDS OF ELEVATOR DOOR HARDWARE
ARE DETERMINED BY STANDING IN CAR
FACING DOOR.

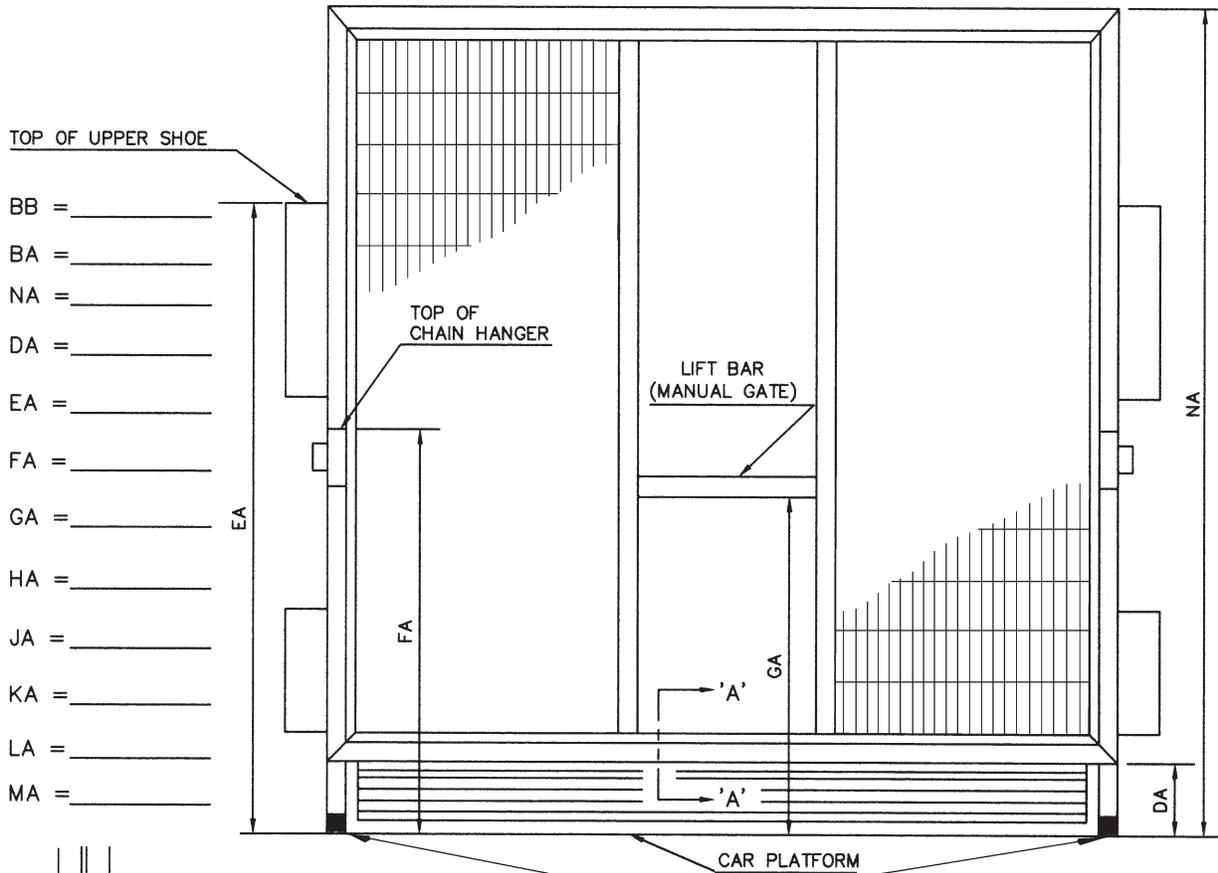
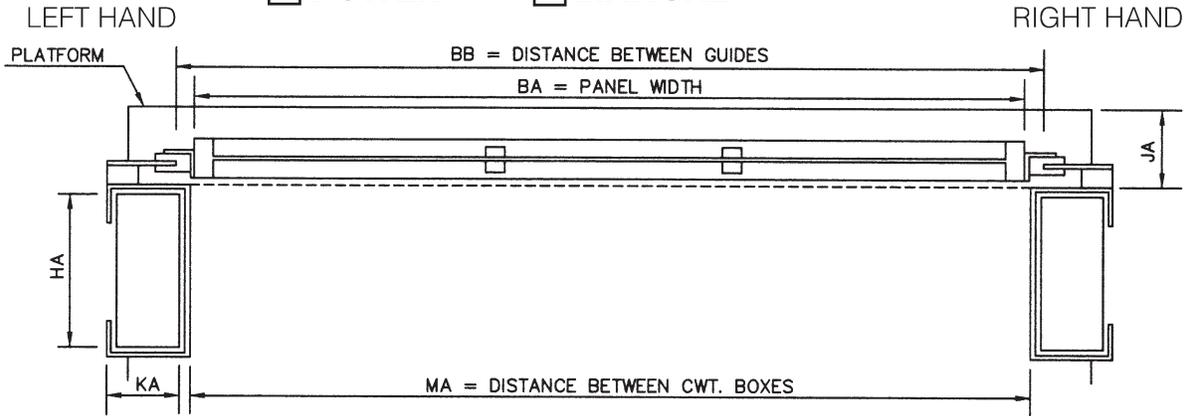




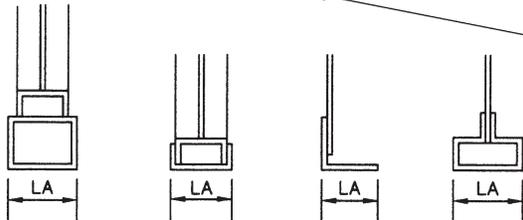
SURVEY SHEET #10

OTIS GATE PANEL REPLACEMENT SURVEY SHEET

POWER MANUAL



- BB = _____
- BA = _____
- NA = _____
- DA = _____
- EA = _____
- FA = _____
- GA = _____
- HA = _____
- JA = _____
- KA = _____
- LA = _____
- MA = _____



DETAIL 'A'-'A' CIRCLE ONE

EXISTING GATE BUMPERS BELOW GATE PANEL?
 YES NO

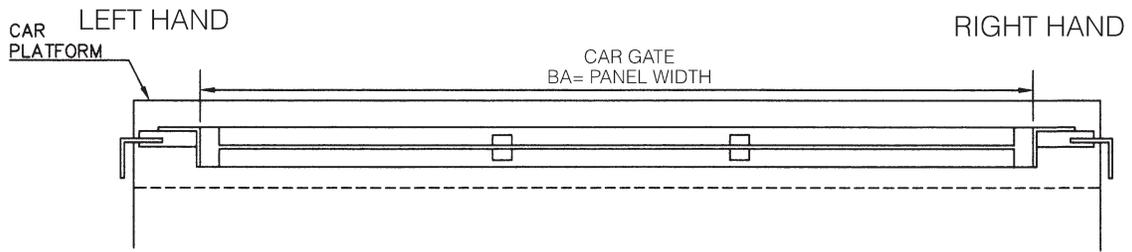
NOTE:
 GIVE SIZE AND LENGTH OF EXISTING GATE COUNTERWEIGHT, INDICATE IF TYPICAL BOTH SIDES.





SURVEY SHEET #11

REVERSING EDGE SURVEY SHEET

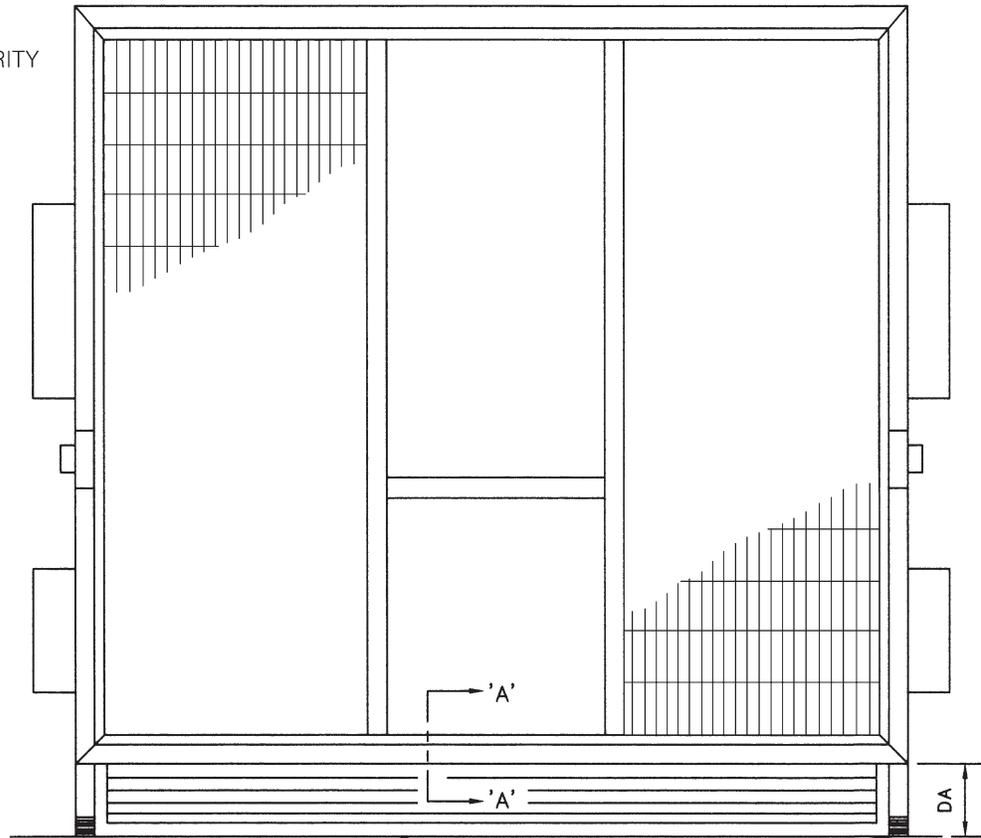


- PEELLE
- COURION/SECURITY
- GUILBERT
- HARRIS PREBLE
- OTIS

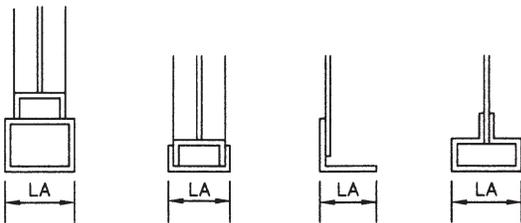
BA = _____

DA = _____

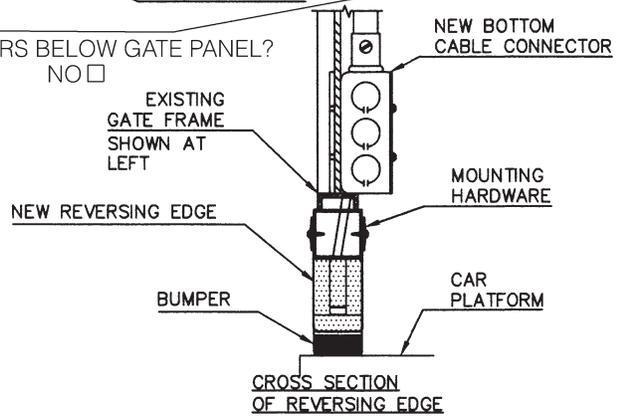
LA = _____



EXISTING GATE BUMPERS BELOW GATE PANEL?
 YES NO



DETAIL 'A'-'A' CIRCLE ONE





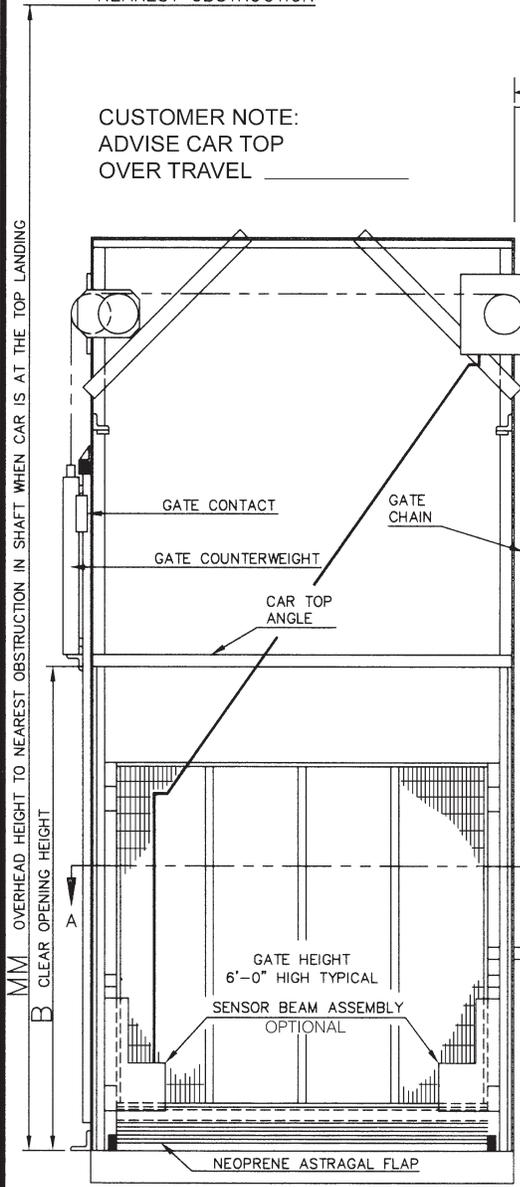
SURVEY SHEET #12

NEW PEELLE CAR GATE SURVEY SHEET

POWER MANUAL

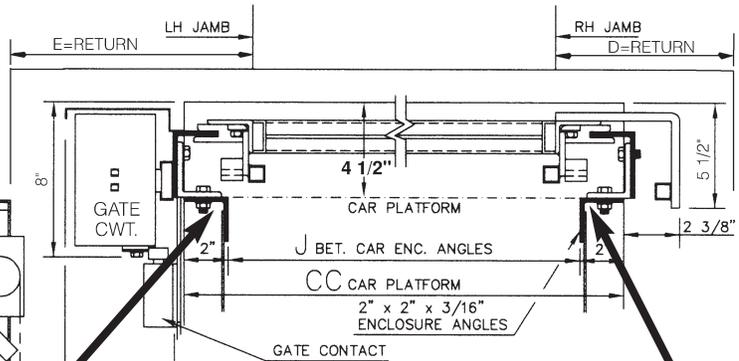
TOP OF SHAFT OR
NEAREST OBSTRUCTION

SINGLE SECTION CAR GATE PLAN VIEW SECTION A-A



ELEVATION OF CAR GATE (SINGLE-SECTION)
VIEWED FROM CAR

HANDS OF ELEVATOR DOOR HARDWARE ARE
DETERMINED BY STANDING IN CAR FACING DOOR.

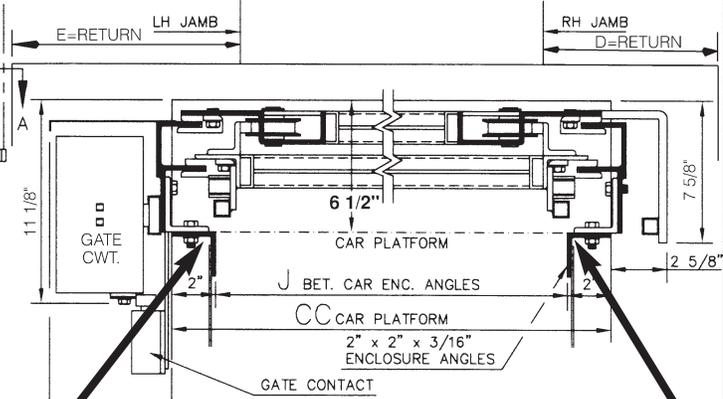


GIVE SIZE OF
ENCLOSURE ANGLES _____ X _____ X 3/16"

B _____ D _____
J _____ E _____
CC _____
MM _____

"MM" MUST EQUAL MINIMUM OF "B" PLUS 6"-1". INDICATE SIDE THAT
GATE COUNTERWEIGHT AND GATE CONTACT ARE LOCATED:
AS SHOWN OPPOSITE TO SHOWN

TWO-SECTION CAR GATE PLAN VIEW SECTION A-A



GIVE SIZE OF
ENCLOSURE ANGLES _____ X _____ X 3/16"

B _____ D _____
J _____ E _____
CC _____
MM _____

"MM" MUST EQUAL MINIMUM OF "B" PLUS 1/2 OF "B" PLUS 6". INDICATE
SIDE THAT GATE COUNTERWEIGHT AND GATE CONTACT ARE LOCATED:
AS SHOWN OPPOSITE TO SHOWN

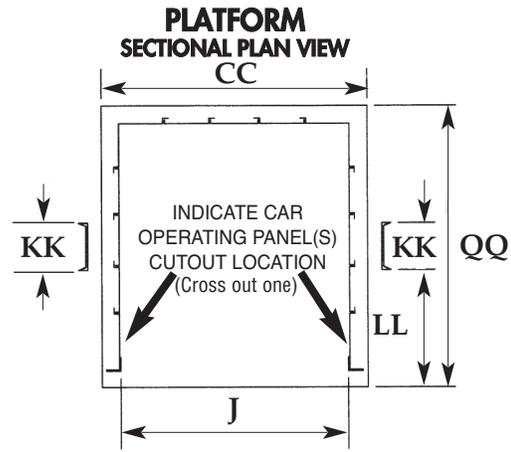
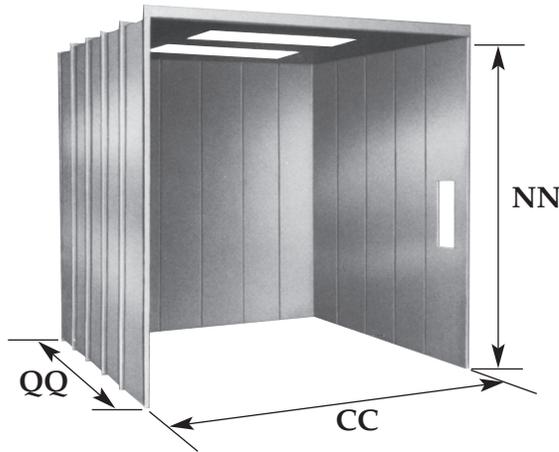




SURVEY SHEET #13

CAB ENCLOSURE SURVEY SHEET

CAB ENCLOSURE



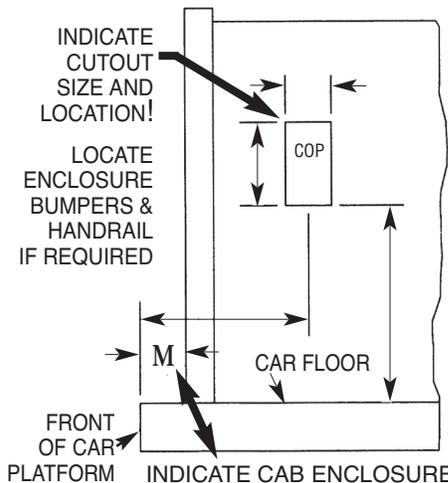
- CC. Car Platform Width _____
- QQ. Car Platform Depth _____
- NN. Car Opening Height _____
- J. Inside Cab Dimension _____
- LL. Front of Car to Stile _____
- KK. Size of Car Stile _____
- M. Cab Enclosure Angle Setback _____ below _____
- Door Opening Size: Width _____ Height _____
- Car Gate/Door Size: Width _____ Height _____
- Single-Section _____ Two-Section _____
- Two-Section (Solid Panel) Full-Car-Height Car Door _____
- Three-Section (Solid Panel) Full-Car-Height Car Door _____

CAB ENCLOSURE INCLUDES:

- Side Panels of # 14/2mm Gauge Construction
- Top Panels – heavy duty design
- Flush mounted Fluorescent Light Fixtures
- Hinged Emergency Exit Panel with Electric Contact
- Car Operating Station (COP) Cutouts
- Stile Mounting Brackets
- Car-to-Frame Anti-Sway Stabilizers
- Baked on Powder Coat Finish
- Mounting Carriage Bolts (one size diameter, two different lengths)

CAR OPERATING PANEL LOCATION

SIDE ELEVATION



INDICATE CAB ENCLOSURE SETBACK: As of March 2002:
 115mm/4.5 in. single-section Peelle car gate, or
 165mm/6.5 in. two-section Peelle car gate, or
 190mm/7.5 in. two-section full-car-height Peelle car door, or
 216mm/8.5 in. three-section full-car height Peelle car door.

Peelle Cab Enclosure Specifications

General: Furnish a complete PEELLE cab enclosure as shown on the plans. The enclosure shall have a clear opening width of _____, a clear depth of _____, and a clear height of _____. The cab enclosure shall comply with the latest Code for Elevators/Lifts (A17.1, B44, EN81). Equipment shall comply with IP10/NEMA 1 specifications unless specified for special environments.

Cab Enclosure Construction: The cab side walls shall be of not less than 2mm/14 gauge sheet steel, properly braced and reinforced. It shall be practically flush on the inside, securely and rigidly fastened. The cab top shall be of not less than 2mm/14 gauge sheet steel, so designed as to be capable of sustaining a load of 135kg on any 0.36m square area (300 lbs. on any 2 ft. square). A hinged emergency exit with an emergency exit contact shall be provided in the cab top. If bumpers are supplied, cab enclosures in excess of 3000mm/10 ft. in width or height shall be constructed with additional support.

Lighting: Light fixtures 2-tube fluorescent 1220mm/4 ft. long shall be provided, as required. Recessed light fixtures shall be practically flush with the cab top interior. At least two light fixtures are recommended for car platform depths greater than 2500mm/8 ft.; one light fixture for every 1220mm/4 ft. of depth. Two in-line light fixtures per door line are recommended for car platform widths greater than 2500mm/8 ft. For example, a 3000mm/10 ft. wide by 3000mm/10 ft. deep car platform should have 4 light fixtures. At least two lights, one near front and one near rear, are recommended for cars with front and rear openings.

Fixture Cutouts: All required cab enclosure fixture cutouts shall be provided by Peelle. Cutouts shall have perimeter steel angles for added strength. Fixtures shall be furnished by others.

Finish: Enclosure panels shall be given one coat of baked powder coat finish.

Car Gate/Car Door Mounting: Cab enclosure shall be arranged for mounting of Peelle car gates/car doors.



FOR POSITION ONLY

FOR POSITION ONLY

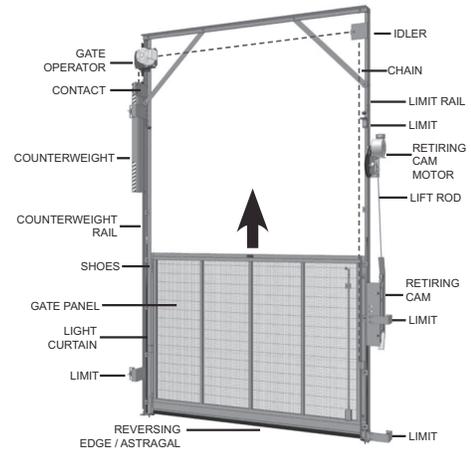
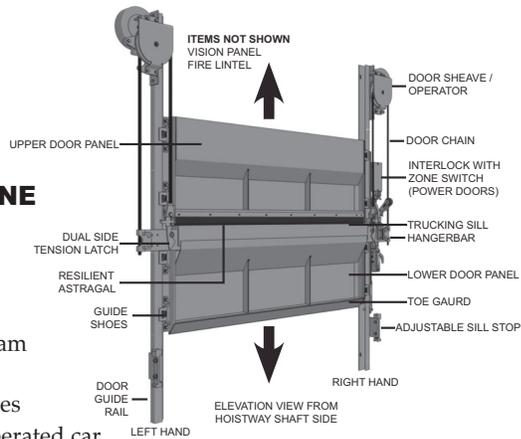
FOR POSITION ONLY

FOR POSITION ONLY

PARTS INDEX (1950 – PRESENT)

FOR EACH LINE OF DOORS

- Peelle power controllers for door/gate
- Peelle retiring cam
- Peelle door unlocking devices
- Peelle power operated car gate, with a reopening device (curtain, beam or edge)
- Options: transformer, automatic time closing of doors, fire service



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PARTS BY CATEGORY (1950 – PRESENT)

COVERS/JUNCTION BOXES

Part No.	Description	Size
031651	Cover for 031621	8-3/4" x 10-5/8" / 220 x 270mm
031652	Cover for 031622	6" x 7-1/8" / 150 x 180mm
031642	Cover for 03163 & 03164 & 031641	15" x 15" / 380 x 380mm
075149	Cover for 075148	12" x 12" / 305 x 305mm

SPRINGS



Compression Springs

Part No.	Description	Active Coils	Used On
033171	1/2" O.D. x 5/8" long / 13 x 16mm	4	Contact Bars
035510S	3/8" O.D. x 1-1/2" long / 10 x 38mm	12	Interlock Ratchet Arm – Sub 235510
035516	3/4" O.D. x 1-13/32" long / 19 x 36mm	7	Interlock Contact Arm
235510	3/8" O.D. x 1-3/4" long / 10 x 44mm	12	Interlock Ratchet Arm

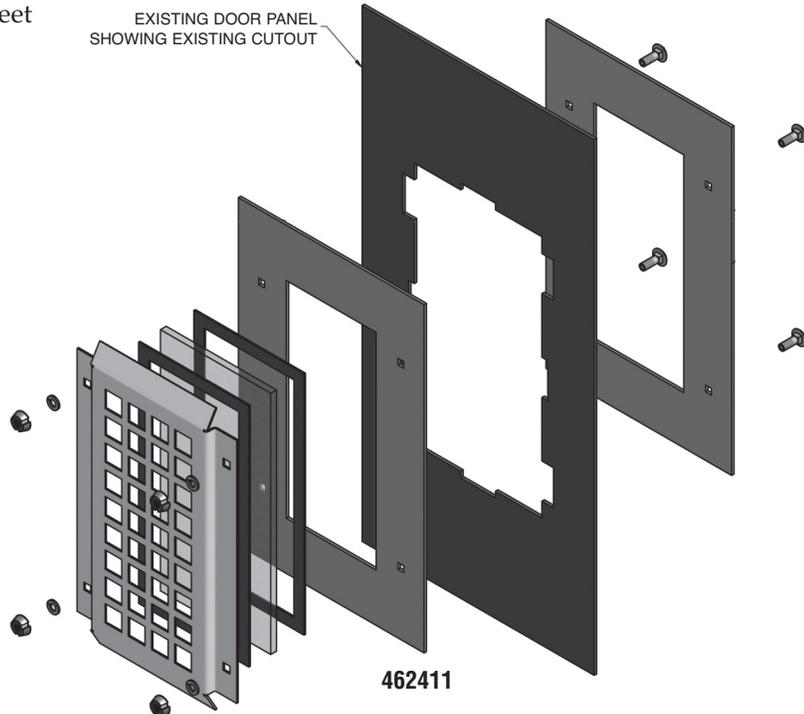
Other Spring

Part No.	Wire Dia.	Used On
03457	0.125" / 3mm	Peelle Center Latch



VISION PANELS

Part No.	Description
462411	Vision Panel Retrofit Kit
462411SS	Vision Panel Retrofit Kit – Stainless Steel
462412	Glass Replacement Kit (4 3/4" x 9 3/4" Glass)
060070	Un-Do-It Tool (OLD - to Disassemble)
462408	Tri Groove Socket (CURRENT - to Disassemble)
462413	Installation Sheet



PARTS BY YEAR

(1950 – PRESENT)

Job Number - Look on the door controller or on the door guide rails for the PEELLE job number. The first two left hand digits of the six or seven digit number is the year of manufacture.

	1950 - 1959	1960 - 1969	1970 - 1979	1980 - 1989	1990 - 1999	2000 - Present	
MANUAL LANDING DOOR	Guide Shoes Regular Door: Pass Upper Panel: Pass Lower Panel:	0238 until 1955 0238 0239	0238 since 1955 0238 0239	0239 0238 0239	0239 0238 0239	0258 0258 0258	
	Door Interlock Manual Door	0355-59 (sub 2356-59)	2356-59	2356-59	2356-59	2356-59	
	Plugging Device	03561 (sub 23561)	23561	23561	23561	23561	
	Side Tension	0659(sub 06696) 0660(sub 06696) 06693(sub 06696)	06696	06696	06696	06696	06696
	Door Astragal Flap	06585(sub 066083 etc)	06585(sub 066083 etc)	06585(sub 066083 etc)	065991(sub 066083 etc)	066053 Since 1995	066053
	Manual Sheave	0527(sub 2593)	0527(sub 2593)	2593	2593	2593	2593
	Door Chain	0166(sub 01807, 0121, (2) 01801	0166(sub 01807, 0121, (2) 01801	01807	01807	01807	01807
	Door Chain Rods	0122(sub 0121, 01807, (2) 01801)	0122(sub 0121, 01807, (2) 01801)	0121	0121	0121	0121
	Chain Rod Clips	0123	0123	0123	0123	0123	0123
	Door Stops	0420	0420	0420	0420	0420	0420
	Manual Door Unlocking Device	0393 (sub 2393 or 2398)	0393 (sub 2393 or 2398)	2393	2393	2393	2393/2378 2380/2374
Retiring Cam	0330(sub 2330)	0330(sub 2330)	2330	2330	2330	2330	
POWER LANDING DOORS	Door Interlock Power Door	0355-67/0356-67 (sub 2356-67)	2356-67	2356-67	2356-67	2356-67	
	Door Operator	0569	0569	0569	0569	0569	
	Door Limit	0934(sub 0947) Components available	0934(sub 0947) Components available	0947 Components available	0947 Components available	0947 Components available	09682
	Power Door Unlocking Device	0393(sub 2395)	0393(sub 2395)	2395	2395	2395	2395/2378N1 2380N1
	Guide Shoes, Gate Panel	0233/0235 (sub 0255)	0239 (since 1958)	0239	0239	0239	0239
MANUAL CAR GATES	Guide Shoes, Counterweight	0232	0232	0232	0232	0232/2374N1	
	Gate Contact	2343 (sub 2342)	2343(sub 2342)	2343(sub 2342)	2343(sub 2342)	2342	
	Gate Astragal Flap	066098	066098	066098	066098	066098	
	Gate Sheave Single	05207(sub 2574, 0179, (2) 01792)	05207(sub 2574, 0179, (2) 01792)	05207(sub 2574)	2570(sub 2574)	2570(sub 2574)	2574/2575
	Gate Sheave Double	0538(sub 2571, 0179, (2) 01792)	2511(sub 2571, 0179, (2) 01792)	2511 (sub 2571)	2571	2571	2571
	Gate Chain	0166 (sub 0179 & (2) 01792)	0166 (sub 0179 & (2) 01792)	0179	0179	0179	0179
	Two-Section Panel Sheave	0503(sub 2582)	0503(sub 2582)	0503(sub 2582)	0503(sub 2582)	2582	2582
	Gate Operator	0549/0599/0573/ 0574 (sub 2517)	0549/0599 (sub 2517)	0599/2508/2507 (sub 2517)	2517	2517	2517/2547
POWER CAR GATES	Gate Limit	0935 Components available	0935 Components available	0935 Components available	0935 Components available	09682	
	Reopening Device/Curtain	0652(sub new gate)	068412 (sub 46889)	068412 (sub 46889)	46899 Sensor Beam 4696 Light Curtain	46899 Sensor Beam 4696 Light Curtain	46899/468528 Sensor Beam 4696/4804/5 Light Curtain
	Controllers	0751/075132 (sub 274200R)	075132 (sub 274200R)	0765/2765 (sub 274200R)	2767/2776 (sub 274200R)	2776 (sub 274200R)	2742
CONTROLS	OT/CT 30 second timer motor protection	240V. 075117 (sub 274200R controller)	240V. 075117 (sub 274200R controller)	120V. 075138 (sub 274172 with 274175)	120V. 276708 (sub 274172 with 274175)	120V. 276708 (sub 274172 with 274175)	24VDC. 274251 CPU
	TP 3 minute timer motor protection	240V. 0750 (sub 274200R controller)	240V. 0750/0760 (sub 274200R controller)	120V. 076223 (sub 274173 with 274175)	120V. 079066 (sub 274173 with 274175)	120V. 079066 (sub 274173 with 274175)	24VDC. 274251 CPU
	Reversing Contactors	0753/0754 (sub 274200R)	0753/07598 (sub 274200R)	07628	07628	07628	2776818

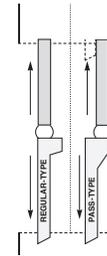
NEMA 1/IP10 Chart is listed above.
NEMA 4 and 12/IP52, 54, 56 Chart
(Moisture/Dust Resistant) is available.
NEMA 4X Chart (Moisture/Corrosion) is available.
NEMA 7 and 9 Chart (Explosion Resistant) is available.



GUIDE SHOES

Door Type	1920–1949	1950–1954	1955–1999	2000–Present
Regular Door	0238	0238	0239	0258
Pass Door-Upper Panel	0238	0238	0238	0258
Pass Door-Lower Panel	029	0239	0239	0258
Large Doors Since 1993			0258	0258

Bronze shoes are available for NEMA 4X/IP54/IP56



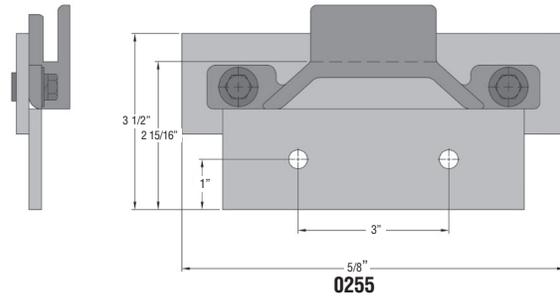
	Part No.	Description	"A" Dimension
	0239	Guide Shoe Regular Door (8 Shoes) 1955-1999 Pass Lower Panel (4 Shoes) 1950-1999 Single Section & Gate (4 Shoes) 1958-Present. Double Section Gates Lower Panel.	1.312" / 33mm
	0238	Guide Shoe Pass Upper Panel (4 Shoes) 1924-1999 Regular Door (8 Shoes) 1924-1954 Double Section Gate Upper Panel (4 Shoes)	0.937" / 24mm
	029	Guide Shoe Pass Lower Panel (4 Shoes) 1924-1949	1.187" / 30mm
	0258	Guide Shoe With Insert All Landing Doors (8 Shoes) 2000-Present	1.437" / 37mm

CAR GATE PANEL (4 SHOES)

1935–1957

0233/0235 Roller Shoe–Sub #0255 2.500" / 64mm

Part No.	Description
025	Guide Shoe 1920s - Sub # 0238 B
026	Guide Shoe 1920s - Sub # 029
027	Guide Shoe 1930s - Sub # 0238 B
028	Guide Shoe 1930s - Sub # 0238 B

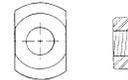


Replace Guides Shoes if door panel side-play is 1/8" / 3mm or more.

To attach Guide Shoes, use 5/16" x 5/8" Hex Head Cap Bolts with Flat Washer & Lockwasher.

065812 Shoe Grommet Nut (shown) must be used for the Shoe Bar Angle.
Add to Shoe Bar Angle when changing from shoe rivets to bolts.

065812



TO PROTECT SHOES

Door Hold-Open Mechanical Device – Manual Doors, Elevators carrying automobiles and trucks
Door hold-open mechanical devices used to eliminate lower panel trucking sill rebound are optional retrofit upgrades. *Note:* Many power operated doors 1950-2003 are equipped with an electrical version of a hold-open device known as the Automatic-Stay-Open feature. Available as a retrofit for power jobs since 2003.

CAR GATE COUNTERWEIGHT (2 SHOES)

1935–Present

Part No.	Description
02321	Counterweight Shoe Kit C/W (2) 02325 Counterweight Shoe and (4) Nylock Bolts

To attach 0232 Shoe, use (2) Peelle #02325 bolts with thread locker, no lock washer, no flat washer.



0232

LANDING DOOR INTERLOCKS

INTERLOCKS, RETIRING CAM REQUIRED

1956 – Present (1930-1955 contact Peelle)

POWER DOORS (2 Contacts Plus Zone Switch Assembly)

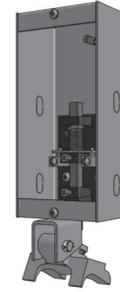
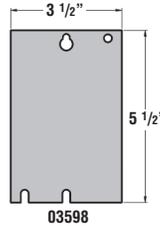
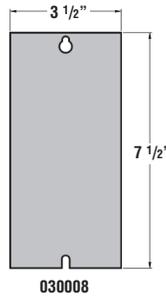
Part No.	Description
2356-67 L/R	Interlock NEMA 1/IP10
2332-29 L/R	Interlock NEMA 4X/IP54/56
2344-29 L/R	Interlock NEMA 4X/IP56 SS
23526 L/R	Interlock NEMA 7/9

Order left or right hand.

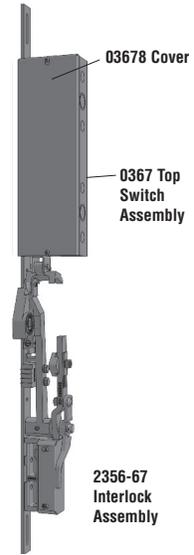
MANUAL DOORS (2 Contacts)

2356-59 L/R	Interlock NEMA 1/IP10
2332-32 L/R	Interlock NEMA 4X/IP54/56
2344-32 L/R	Interlock NEMA 4X/IP56 SS
2352-53 L/R	Interlock NEMA 7/9

Order left or right hand.



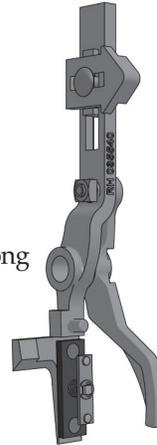
0359 Top Switch Assembly



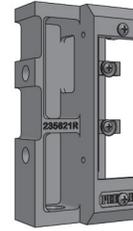
2356-67 Interlock Assembly

INTERLOCK COMPONENTS - NEMA 1/IP10

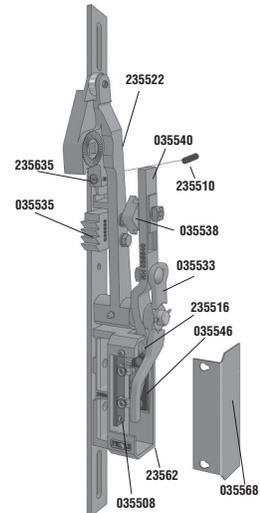
035603 L/R	Arm and Contact Assembly (includes 035533, 035539, 035540, 035546)
2356 L/R	Lock & Contact Assembly
035533 L/R	Mechanical Break Arm
035538	Contact Arm Cam - Sub 035539
035540 L/R	Contact Arm L/R - Sub 035603 L/R
23562 L/R	Box and Contact Assembly (includes box, 035508, 035512)
035568	Switch Box Cover.
235510	Spring, 3/8" / 10mm OD by 1-3/4" / 44mm long
235635	Half Dog Set Screw for Spring
235516	Spring, Contact Arm
03607	Collars - Sub 036071
0354	Mechanical Barlock



035603L/R ASSEMBLY



23562L/R ASSEMBLY



2356 L/R Lock & Contact Assembly

Components with L/R after part number, order left or right hand.

CONTACT ASSEMBLIES

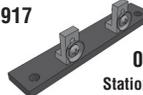
036717K	7M-IB Contact Assembly. Power Doors. Included with 0367.
035546	Movable Contacts
035508	Stationary Contacts
035917	Contact Assembly. Manual Doors. Included with 0359.
23563K	Add On Switch Assembly



035917



035546 Movable Contact



035508 Stationary Contact



23563K

ROLLER ARMS

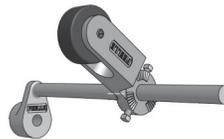
035562	Roller Arm
235571	Adjustable Roller Arm
035570-6L/R	#6 Roller Arm
035527	5/8" Filler



035527



035562



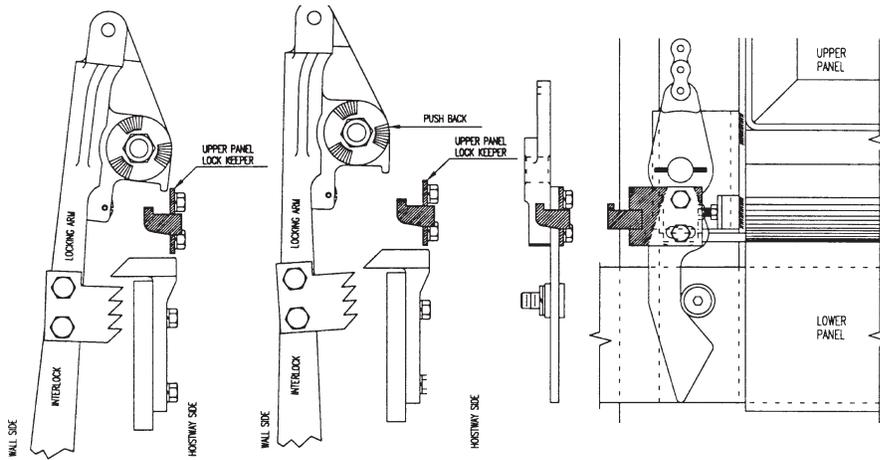
235571



035570

INTERLOCK KEEPERS (UPPER AND LOWER REQUIRED)

UPPER PANEL KEEPERS



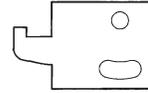
Left hand, shown
Right hand, opposite
Hand determined standing
on car facing door

Upper Panel Keepers need to be added for doors manufactured prior to 1977 or where missing. Required in addition to Lower Panel Keeper. Both panels must be locked. Upper Panel Keepers are mounted to Tension Latches; Tension Latches are listed on page 11. Refer to Peelle Modernization Manual 205, Section 6 and Figure 24 for installation settings. New interlock required. New guide shoes are recommended at the same time. Contact Peelle Modernization Department 1-800-787-5020.

UPPER PANEL KEEPER Regular-Type Door

Part No.
066975 L/R

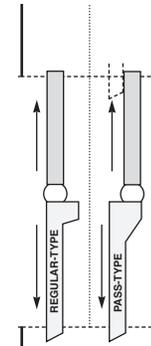
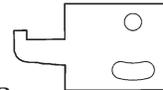
Left hand, shown
Right hand, opposite



UPPER PANEL KEEPER Pass-Type Door

Part No.
066976 L/R

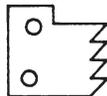
Left hand, shown
Right hand, opposite



LOWER PANEL KEEPERS

INTERLOCK RATCHET

Part No.
035535

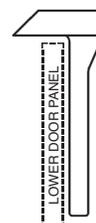


LOWER PANEL KEEPER HOOK, 2000 - PRESENT

Part No.
235534
035534 Sub 235534
035501 Shim



235534



035534
Obsolete

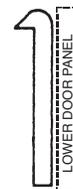
INTERLOCK RATCHET, TIGHT SPACE, RARE

Part No.
03553



LOWER PANEL KEEPER HOOK, TIGHT SPACE, RARE

Part No.
03554
035501 Shim

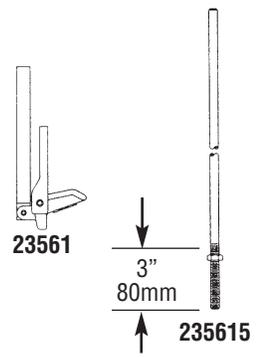


RELATED TO INTERLOCK

CONTACT PLUGGING DEVICE

- 23561 Contact Plugging Device
- 235615 Plug Rod 4'6" / 1370mm parts order length and cut to suit in field; unless length is given. Plug Rod is 3/8" diameter with 3/8"-16 thread at one end, or 3/8" threaded rod.

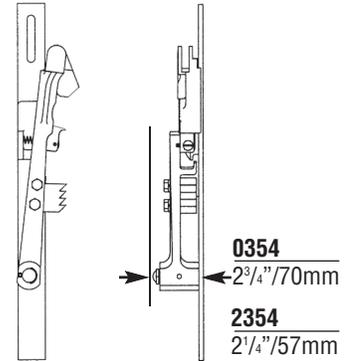
Note: Contact plugging prevents door-closed contact from being made when door is open. To add plugging device onto landing doors prior to 1956, retrofit work is required; contact Peelle Modernization Department 1-800-787-5020.



SIDE-OPPOSITE-LOCKS

- 0354 L/R Side-Opposite-Lock (Mechanical Lock). **To lock the side of the door opposite the interlock.** Retiring cam or fixed cam required. On doors over 10ft./3000mm wide. Optional on other doors. Available in narrow version 2354. *Order left or right hand.*
- 2354 L/R Side-Opposite-Lock (Mechanical Lock). **To lock the side of the door opposite the interlock Sub 0354 L/R.** Retiring or fixed cam required. On doors over 10ft./3000mm wide. Optional on other doors. Narrow version of 0354. Rarely needed.

*Order left or right hand.
Hand determined by facing landing door.
For components and keepers, see pages 6 and 7.
May be added to any door.*



SIDE OPPOSITE LOCK
*Left hand, shown
Right hand, opposite*

UNLOCKING DEVICES

NORTH AMERICA

Part No.	Description	Key
2380	Manual Doors	03932 (AUE5)
2380N1	Motorized Doors	03932 (AUE5)
2380N4	Nema 4 Motorized Doors	03932 (AUE5)
238005	Recessed Box Kit	



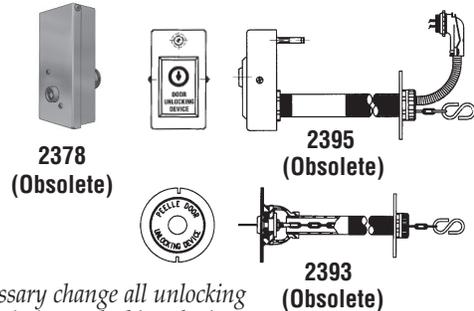
EUROPE

Part No.	Description	Key
2374	Manual Doors	23741
2374N1	Motorized Doors	23741
2374N4	Nema 4 Motorized Doors	23741



OBSOLETE (Replace with 2380 Series)

Part No.	Description	Key
2378N1, N4	Unlocking Devices Surface Mount	23781 (001)
2395	Motorized Doors	03932 (AUE5)
2393	Manual Doors	03932 (AUE5)
2391	Unlocking Device (Canada)	239114 (4T 62424)



Note: Recommend one type key for all unlocking devices per building. If necessary change all unlocking devices to current 2380 series. The 2380 unlocking devices will replace any existing unlocking device.

Bronze/Stainless interlock related assemblies are available for NEMA 4X/IP54/56.

LANDING DOOR RETIRING CAMS

RETIRING CAMS

1975–Present

Part No.	Description
2330	Retiring Cam NEMA 1/IP10
2330M	Retiring Cam NEMA 4/4X/IP54/56
2330E	Retiring Cam NEMA 7/9

1950–1974

0330	Retiring Cam – Sub 2330
------	-------------------------

1935–1949

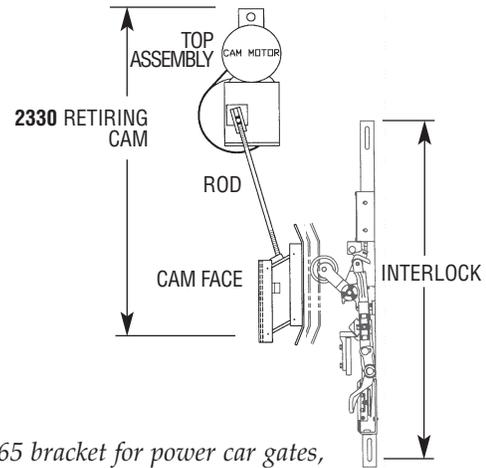
0377	Retiring Cam – Sub 2330
------	-------------------------

Retiring cam is used to operate landing door interlocks.

Retiring cam is mounted on car gate/car door.

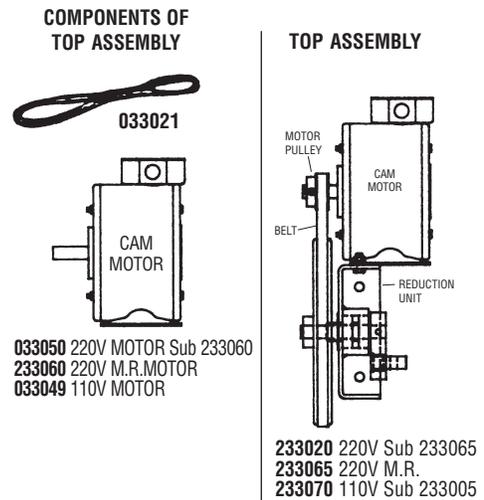
Retiring cam is mounted using (1) 033064 bracket, and (1) 033065 bracket for power car gates, or a long mounting angle for manual car gates.

Retiring cam is made up of three items (Top Assembly, Rod, and Cam Face Assembly) (see below).



TOP ASSEMBLY (Motor)

Part No.	Description
233020 L/R	Top Assembly NEMA 1/IP10, 220V - Sub 233065
233065 L/R	Top Assembly NEMA 4/IP54, 220V, 3PH
233070 L/R	Top Assembly NEMA 1/IP10, 110V, 3PH
233005	110V 1ph
233005 L/R	Retiring Cam Top Assy - 110V, 1PH
23306 L/R	NEMA 7/220V
033021	V-Belt
033027	Motor Pulley
033050	Cam Motor NEMA 1/IP10, 220V - Sub 233060
233060	Cam Motor NEMA 4/IP54, 220V
23309	Cam Motor NEMA 1/IP10, 110V Single Phase
033049M	Cam Motor NEMA 4/IP10, 110V, 3 Phase
23303	Cam Motor NEMA 1 / IP10, 220V Single Phase
233030	Reduction Unit NEMA 1/IP10
233025	Reduction Unit NEMA 4/IP54
233048	Cam Motor NEMA 7/3 Phase



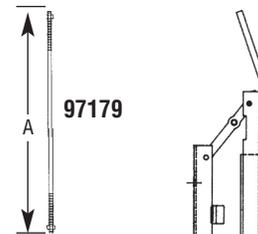
Top assembly is 15.5" high, 9.5" deep, 7" wide (390mm high, 240mm deep, 180mm wide).

Hand determined by facing landing door.

Parts are universal in hand. Hand is determined when assembled. May be changed in field.

ROD

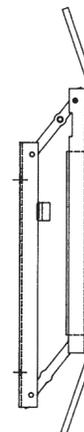
Part No.	Description
97179	Connection Rod, 6 foot, threaded, cut to suit in field <i>Rod is 5/16" diameter with 5/16"-18 threads.</i>
97179SS	Stainless Steel Connection Rod, 6 foot, threaded, cut to suit in field <i>Rod is 5/16" diameter with 5/16"-18 threads.</i>



CAM FACE ASSEMBLY

Part No.	Description
233010	Cam Face Assembly <i>Cam face is 36" high, 4.75" deep, 2" wide (910mm high, 120mm deep, 50mm wide)</i>
233019	Cam Face Pivot Pins – 4 for each 233010 Cam Face Assembly
06113	Cam Face Bumper

233010

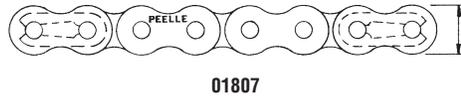
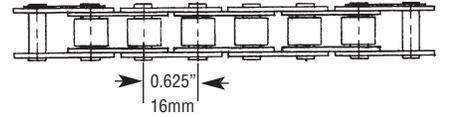


LANDING DOOR CHAINS AND RODS

DOOR CHAINS

1968–Present

Part No.	Description
01807	Door Chain (give length)
01807-100	Door Chain 100" long (complete with two 01801 connecting links)
01807-124	Door Chain 124" long (complete with two 01801 connecting links)
01807-148	Door Chain 148" long (complete with two 01801 connecting links)
01807-200	#520D Door Chain 200" C/W 2 Links (complete with two 01801 connecting links)
01801	Connecting Link



ALL PLATES
ARE THE
SAME IN
HEIGHT

Note: Peelle #01807SS Stainless Steel Chain is available.

1936–1967

0166	Leaf Chain/Door Chain
01662	Clevis Pin uses 1/16" x 3/4" Cotter Pins.

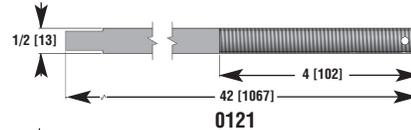


0166

CHAIN RODS

1968–Present

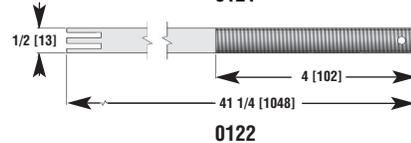
Part No.	Description
0121	Chain Rod, 0.5" / 13mm Square, 42" / 1070mm long; 4" / 100mm thread length



0121

1936–1967

0122	Chain Rod for 0166 leaf chain.
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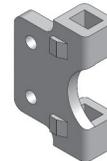


0122

ROD CLIP

1936–Present

Part No.	Description
0123	Rod Clip, lower panel, for 0.5" / 13mm square rod

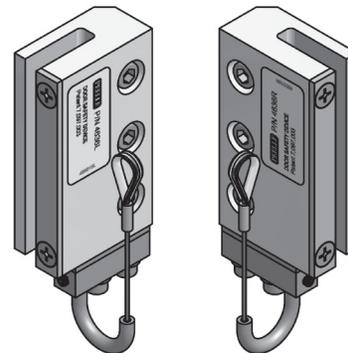


0123

DOOR SAFETY DEVICES (Broken Chain Arrester)

May be retrofitted to existing Peelle power door. For use with Peelle Regular, Pass and Extended Power Biparting Doors. One required for each side of door. Prevents the door panel(s) from a free fall in the event connecting links detach or both door chains break. Patent 7,097,003.

Contact Peelle Modernization Department 1-800-787-5020.



4636L

4636R

LANDING DOOR PANEL PARTS

DOOR ASTRAGAL FLAPS

1982–Present

Part No. Description

066053	Inner and Outer Flaps sewn together (give length)(0.5" / 13mm higher than 066083) 1995 – present
066083	Inner and Outer Flaps sewn together (give length) 1982 – 1994
066093	Inner and Outer Flaps sewn together (give length) For Michigan

1955–1981

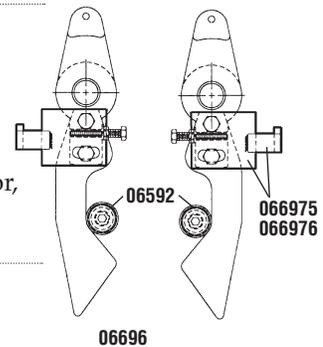
06585/065991	Hose - Sub 066083, (2) 065885, (2) 060000 and 06608 drawing
065885-4	

TENSION LATCHES, WITH UPPER PANEL LOCK KEEPERS

1959–Present

Part No. Description

06696	Tension Latch Assembly NEMA 1/IP10 – Regular Door
06675	Tension Latch Assembly NEMA 1/IP10 – PASS–TYPE Door
06677	Tension Latch Assembly NEMA 4X/IP54/56 – Regular Door, Bronze, Moisture Resistant, rare
06678	Tension Latch Assembly NEMA 4X/IP54/56 – PASS–TYPE Door, Bronze, Moisture Resistant, rare



1955–1958

06693	Tension Latch Assembly – For Leaf Chain.
-------	--

Tension Latch Assembly comes with left and right hands

Components

06592	Roller Keeper
066975 L/R	Upper Panel Lock Keeper – REGULAR Door (also shown on page 7)
066976 L/R	Upper Panel Lock Keeper – PASS-TYPE Door (also shown on page 7)

SILL STOP ASSEMBLIES

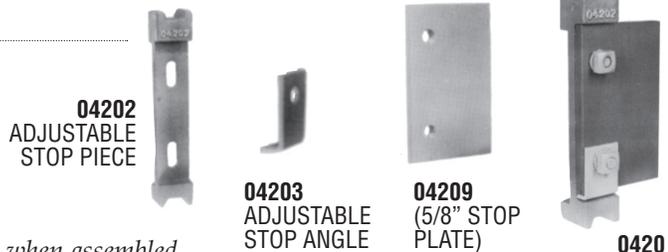
1950–Present

Part No.	Description
0420	Sill Stop Assembly

Components

04202	Adjustable Stop Piece
04203	Adjustable Stop Angle
04209	Sill Stop Plate

Parts are universal in hand. Hand is determined when assembled. May be changed in field.



1927–1949

042 L/R	Sill Stop Assembly – Regular Door – Sub 0420
043 L/R	Sill Stop Assembly – Pass–Type Door – Sub 0420

Components

0422 L/R	Adjustable Section for 042/043 – Sub 0420
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Order left, right or preferably both left and right hand. Hand determined by facing landing door.



*See Peelle Modernization Guide 312 for the following replacements:
Door Panels – Section 2
Door Rails – Section 3
Door Astragals – Section 4*

Detail Part Sheets Available Upon Request

LANDING DOOR OPERATORS/SHEAVES

POWER DOOR OPERATORS

1950–Present

Operator No.	Motor No.	RPM	VOLT	TORQUE	NEMA	Operator Sub	Motor Sub
0569	056910	900/450	220	HIGH	1	0569M	056910M
0569M	056910M	900/450	220	HIGH	4X		
0595	059521	900/450	220	HIGH	7		
2569	256910	900/450	220	EXTRA HIGH	1	2569M	256910M
2569M	256910M	900/450	220	EXTRA HIGH	4X		
0587	058720	900	220	HIGH	1	0587M	058720M
0587	058730	450	220	LOW	1	0587M	058730M
0560	056921	900/450	220	LOW	1	0569M	056910M
0560M	056921M	900/450	220	LOW	4X	0569M	056910M
0594	059421	900/450	220	LOW	7	0595	059521

Order left or right hand. Hand determined by facing landing door.

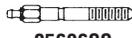
Parts are universal in hand. Hand is determined when assembled. Motors are 220V, 3 Phase, 50/60 Hertz, Two-Speed.

OPERATOR COMPONENTS

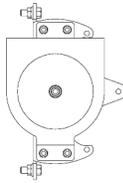
05839	Gear/Sheave/Bearing Assembly (for most operators)	
05468	Bearing for motors and limits	
05696SS	Bearing Shaft Bolt (Stainless Steel) - Sub 05839	
05288	4 Tooth Spiral Pinion (included with motor) (for most motors)	
059416	4 Tooth Spiral Pinion (included with motor) for 059421/059521 motor NEMA 7	
05879	Sheave for 0587M Operator	
97243	Shim, Motor and Sheave	
060263	Hardware Kit	
060047	Installation Sheet	



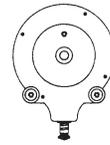
05839



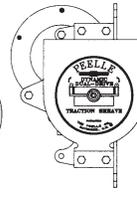
05696SS
Sub 05839



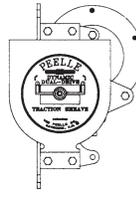
05288



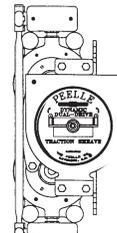
05879



0569LM
OPERATOR



0569RM
OPERATOR



0587LM



0587RM

1935–1949

Operator No.	Motor No.	Description
0546 L/R	–	Single Speed – Sub 2546 pair or Power Conversion job with two-speed operation
2546 L/R	052820	Single Speed

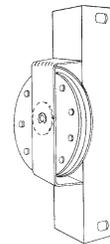
Components for 2546

052820	Single Speed Motor - Sub 058720M
05839	Gear/Sheave/Bearing Assembly
05283	Bearing Shaft Bolt with Grease Fitting for 2546 - Sub 05839

MANUAL DOOR SHEAVES

1950–Present

Part No.	Description
2593	Manual Door Sheave Assembly, NEMA 1/IP10
2593B	Manual Door Sheave Assembly, NEMA 4X/IP54/56, bronze
0527	Manual Door Sheave – Sub 2593
0593	Manual Door Sheave – Sub 2593



2593

PULL STRAPS

Part No.	Description
034315	Pull Straps 36" Long
034319	Pull Straps 60" Long

To power operate or re-motorize existing freight elevator doors manufactured by Peelle or other – See Peelle Modernization Guide 312 Section 1; Peelle power doors manufactured prior to 1950 should be upgraded with Peelle power conversion package. Contact Peelle Modernization Department 1-800-787-5020.

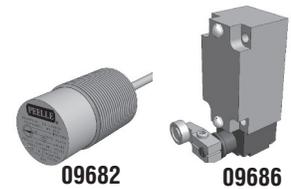


PROXIMITY SENSORS & LIMITS

PROXIMITY SENSORS

2002 - Present

Part No.	Description
09682	Master Limit Proximity Sensors (DOL, DCL), mounted on car gate rails, used with cam mounted on landing doors; beginning of slow speed; only two required per line; NEMA 1, 4; with cable. Patent 7,156,210.
09680	Obsolete Proximity Sensors (square)(2002) – Sub 09682 sensor (barrel) and 096820 bracket
09686	Limit Switch for Auto Stay Open (DOFL), mounted on landing door, one each landing door, with mounting bracket; and cam, pipe and wire by elevator company; optional, strongly recommended for Class B freight elevator doors 2003 – present; also one each car gate; NEMA 1, 4, 4X
096805 L/R	Master Limit Cam Assembly



DOOR LIMIT ASSEMBLIES

1950–2001

Part No.	Description
0947 L/R	Door Limit Assembly, NEMA 1/IP10 REGULAR Door
0947 L/R PASS	Door Limit Assembly, NEMA 1/IP10 PASS-TYPE Door
0955 L/R	Door Limit Assembly, NEMA 4/IP54/56
0956 L/R	Door Limit Assembly, NEMA 4X/IP56
094931	Door Limit Switch, NEMA 7/9

Left or right hand.

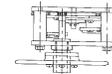
Hand determined by facing landing door.

Note: 1950–1959 Limits require change to Peelle #01807 roller chain when changing complete limit assembly.

Complete Limit assemblies are not available. Components listed are available.

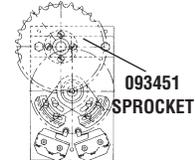


LIMIT, INDIVIDUAL
Right hand, shown
Left hand, opposite



DOOR LIMIT COMPONENTS

093415	Cam Carrier and Switches Assembly–REGULAR Door (shown)
09478	Cam Carrier and Switches Assembly–PASS Door
093451	Sprocket (shown)
093444	Micro-Switch, Typical Marking BZ-2RW822T, 3 Point
093445	Micro-Switch, Typical Marking BZ-3YWT822, 5 Point
09347	Chain Guard for 0947 Limit, NEMA 1/IP10
094753 L/R	Small Cover for 0947 Limit, NEMA 1/IP10–REGULAR Door
094754 L/R	Small Cover for 0947 PASS Limit, NEMA 1/IP10–PASS Door
094755	Large Cover for 0947 Limit, NEMA 1/IP10



093451 SPROCKET
093415 CAM CARRIER ASSEMBLY – FOR REGULAR (09478 SIMILAR – FOR PASS)

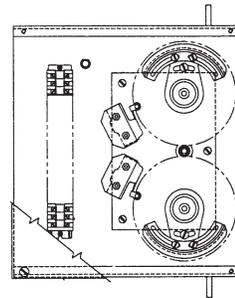
GATE LIMIT ASSEMBLIES

1950–2002

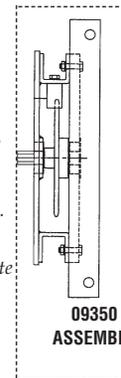
Part No.	Description
0935 L/R	Gate Limit Assembly, NEMA 1/IP10
0960 L/R	Limit Assembly, NEMA 4/IP54/56
0961 L/R	Limit Assembly, NEMA 4X/IP56
0949 L/R	Limit Assembly, NEMA 7/9

GATE LIMIT COMPONENTS

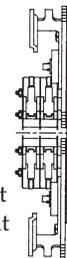
Part No.	Description
093520	Cam Carrier and Switches Assembly
09350	Sprocket and Plates Assembly (includes Peelle 093527, 09353, 09356, 05468, 093511) for 0935, popular replacement assembly
093444	Micro-Switch, Typical Marking BZ-2RW822T, 3 Point
093445	Micro-Switch, Typical Marking BZ-3YWT822, 5 Point
09352	Cover for 0935



LIMIT
Right hand, shown.
Left hand, opposite



09350 ASSEMBLY



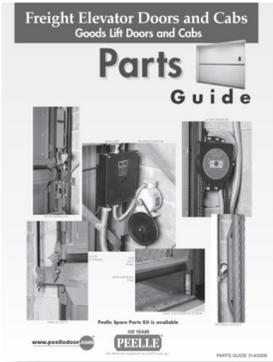
093520 CAM CARRIER ASSEMBLY

1935–1949

Peelle power gates manufactured 1935-1949 should be replaced with new complete Peelle two-speed power gates. See Modernization Guide 312 Section 7. Contact Peelle Modernization Department 1-800-787-5020.



SPARE PARTS KIT - 060032



314 Parts Guide



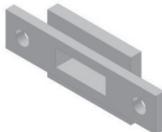
(2) 06592



(4) 06113



(4) 02325



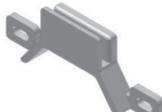
(2) 0232



(4) 235510



(1) 0238B



(1) 0239



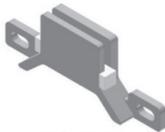
(1 pair) 03932



(4) 01792
Gate Chain Link



(2) 235534



(1) 0258



(1) 2380N1



(4) 01801
Door Chain Link

(8) Tie Wraps
for Chain Connecting Links



(1) 23561

CAR GATE CONTACTS

GATE CONTACTS

1955–Present

Part No. Description

2342 Gate Contact Kit NEMA 1/IP10

Individual parts of Peelle #2342 contact are universal in hand; reversing the covers will determine left or right hand assembly.

2376 Gate Contact NEMA 4X/IP56

2377 Gate Contact NEMA 4/IP 54/56

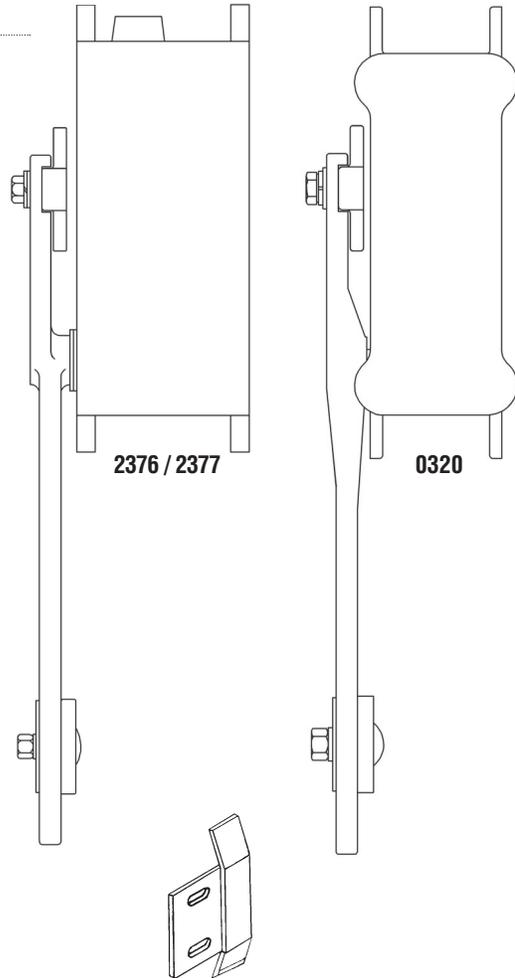
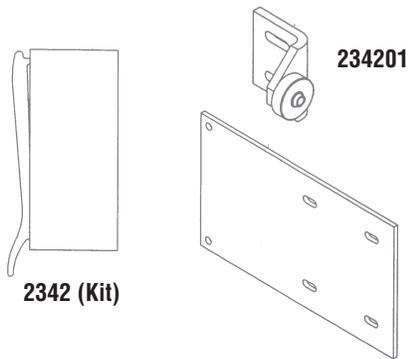
0320 Gate Contact NEMA 7/9

Obsolete

2341 Gate Contact NEMA 1/IP10 – Sub 2342

2343 Gate Contact NEMA 1/IP10 – Sub 2342

0307 Gate Contact NEMA 4/IP54/56 – Sub 2377



GATE CONTACT CAM

Part No. Description

234316 Gate Contact Cam used with 2377, 0307, 2376, 0320.

234316

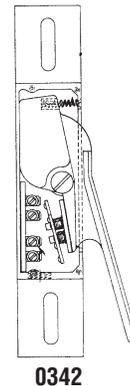
1930–1954

Part No. Description

0342 Gate Contact – Obsolete

0341 Gate Contact – Obsolete

03505 Spring for 0341 or 0342, 13/32" OD by 1-1/2" long



0342

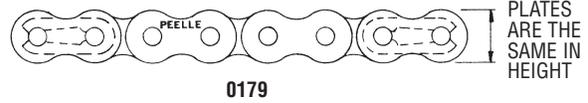
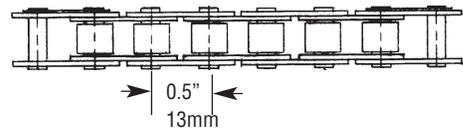
*Note: Gates prior to 1960, move car gate contact out of the reach of persons inside the car with Peelle Kit #23436 (not shown).
Note: Peelle #2368 Restraint Device (not shown) is used as a car gate/car door restraint device when car is away from floor.*

CAR GATE CHAINS AND PANEL PARTS

GATE CHAINS

1968–Present

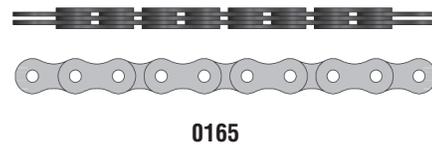
Part No.	Description
0179	Roller Chain (give length) Order 50 feet/15m length per gate for any single-section gate, more for two-section gate
0179-600	41 Gate Chain 600" C/W 5 Links
0179-1200	41 Gate Chain 1200" C/W 10 Links
01792	Connecting Links, 2 per length of chain (order separately)



Note: Peelle 01794 Chain Assembly consists of a length of 0179 chain and (2) 01792 Connecting Links.
Note: Peelle #0179SS Stainless Steel Chain is available.

1930–1967

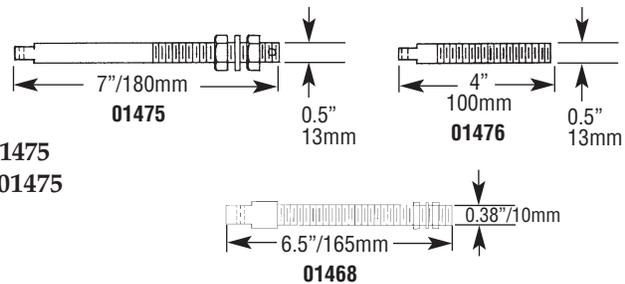
0165	Leaf Chain – Sub #0179 and (2) 01792
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CHAIN STUDS

1968–Present

Part No.	Description
01475	Chain Stud for Panel
01476	Chain Stud for Counterweight - Sub 01475
01468	Two-Section Gate Chain Stud - Sub 01475
01474	Chain Stud For leaf Chain



BUMPERS

1968–Present

Part No.	Description
06113	Bumper; (2) Required on Bottom of Car Gate Panel. Uses 1/4" bolts.
0611	Bumper Assembly for double section gates
063 Obsolete	Bumper; (2) Required near Top of Gate Rail for Panel full open position. Bumper fits into casting which is part of 0645 bumper assembly. Take off casting and Sub 06113.

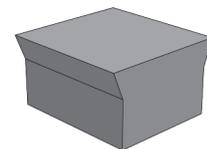


06113



060068

0611



063 – Sub 06113

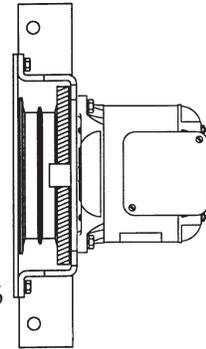
Car Gate Panel replacements – See Peelle Modernization Guide 312 Section 8
Car Gate Rails Replacements – See Peelle Modernization Guide 312 Section 9

CAR GATE OPERATORS/SHEAVES

POWER GATE OPERATORS

1950–Present

Operator	Motor	Description	Operator Sub	Motor Sub
2518	25182	Standard Torque NEMA 1/IP10	2547	25472
2517	25172	High Torque NEMA 1/IP10	2547	25472
2548	25482	Standard Torque NEMA 4/4X/IP54/56	2547	25472
2547	25472	High Torque NEMA 4/4X/IP54/56		
2528	25282	Standard Torque NEMA 7/9	2527	252721
2527	252721	High Torque NEMA 7/9		
2521	25472-6T	6 Tooth Gate Motor c/w 6 Tooth Pinion 900/300 NEMA 4/4X/IP54/56		
2525	25252	Gate Operator (RPM 600/300) NEMA 4/4X/IP54/56		



2547 OPERATOR

Parts are universal in hand. Hand is determined when assembled.

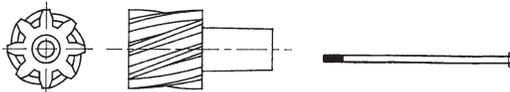
Motors are 220V, 3 Phase, 50/60 Hertz, Two-speed.

Peelle power car gates manufactured prior to 1950 should be replaced with new complete Peelle two-speed power gates. Contact Peelle Modernization Department 1-800-787-5020.

OPERATOR COMPONENTS

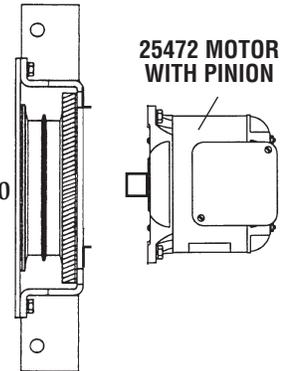
Part No. Description

25181	Sheave Assembly Includes: mounting/05739 gear/sheave/bearing assembly
250723	8 Tooth Spiral Pinion (included with motor) comes with Bolt - Sub 250030
250030	Pinion and Bolt Assembly



250030 PINION / BOLT

25181 SHEAVE ASSEMBLY



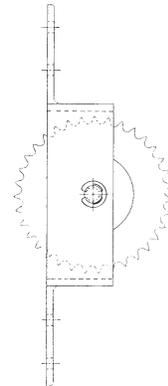
25472 MOTOR WITH PINION

MANUAL GATE SPROCKETS

1984–Present

Part No. Description

2574	Manual Assembly – Single Sprocket, NEMA 1/IP10 - Sub 2575
2575	Manual Sprocket – Single Sprocket, NEMA
2571	Manual Assembly – Double Sprocket, NEMA 1/IP10
2571B	Manual Sprocket – Double Sprocket, NEMA 4X/IP54/56, bronze
25702	Sprocket with Bearing – for 2571
2570	Manual Assembly – Single Sprocket, NEMA 1/IP10
2570B	Manual Sprocket – Single Sprocket, NEMA 4X/IP54/56, bronze



SPROCKET ASSEMBLY

1950–1983

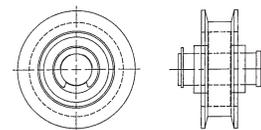
05207	Manual Assembly – Single Sheave – Sub # 2570, 0179, and (2) 01792
0538	Manual Assembly – Double Sheave – Sub # 2571, 0179, and (2) 01792
2511	Manual Assembly – Double Sheave – Sub # 2571, 0179, and (2) 01792

Note: 1950-1984 manual gates require change to Peelle #0179 roller chain when using 2574 and 2571 sprocket assemblies.

TWO-SECTION PANEL SHEAVES

Part No. Description

2582	Sheave 2-1/2" / 65mm
2582SS	Sheave 2-1/2" / 65mm, stainless, rare
0503	Sheave – Sub 2582



2582

SAFETY/OPERATION LABELS - 060045

This kit covers 2 Doors and 1 Gate, both manual and power.

Power Freight Elevator Door Operation Instructions

⚠ CAUTION

- This is a freight elevator, not a passenger elevator, and not for general public use
- Do not attempt to operate this elevator unless you are authorized to do so
- Read and obey any posted usage, notice, caution or warning signs
- Stay back and keep hands and arms away from the leading edge of the doors
- Listen and look for audible door close warning signals
- Power doors can be stopped and reopened by pressing the door open button

Entering or Exiting a Freight Elevator

OPENING - POWER OPERATION

IF THE ELEVATOR CAR IS NOT AT THE LANDING

AUTOMATICALLY OPENING DOORS

- 1) Press the car call pushbutton
- 1) Landing door and car gate will open automatically when car arrives
- 2) Stand clear of the landing door and car gate until they are fully open

TO OPEN / RE-OPEN CLOSED DOORS, WHILE AT A LANDING OR IN THE CAR

- 1) Look through the vision panel or car gate
- 2) Ensure car is stopped and level with the landing
- 3) Push door open button or car call button to initiate opening
- 4) Stand clear of the landing door and car gate until they are fully open

CLOSING - POWER OPERATION

FOR CONSTANT PRESSURE PUSHBUTTON CLOSING

- 1) Stand clear of the car gate and landing door
- 2) Press and hold the door close button
- 3) Release close button to reopen the doors while closing

FOR MOMENTARY PRESSURE PUSHBUTTON CLOSING

- 1) Stand clear of the car gate and landing door
- 2) Press and release the door close button
- 3) Press the door open button to reopen the doors while closing

FOR AUTOMATIC TIMED CLOSING

- 1) An audible signal will sound prior to door close
- 2) Stand clear of the car gate and landing door
- 3) Press the door open button to reopen the doors while closing

⚠ WARNING

- Report any damaged or broken door components to the facility manager
- Do not attempt to open doors manually or with fork truck
- In case of mis-leveling do not use elevator and report to the facility manager
- Do not reach in gap between doors

A17060341-EN

⚠ WARNING



CRUSHING HAZARD!

Do not reach through opening while doors are closing.



USE PULL STRAP TO CLOSE DOORS

CLEAR OPENING BEFORE CLOSING DOORS

THE PELLE CO.060021-EN

⚠ CAUTION



TRIPPING HAZARD!

Open doors fully and ensure door sill is flush with floor.



USE PUSH PLATE TO OPEN DOORS

THE PELLE CO.060026-EN

Manual Freight Elevator Door Operation Instructions

⚠ CAUTION

- This is a freight elevator, not a passenger elevator, and not for general public use
- Do not attempt to operate this elevator unless you are authorized to do so
- Read and obey any posted usage, notice, caution or warning signs
- Stay back and keep hands and arms away from the leading edge of the doors
- Do not reach through the door to pull the outside pull strap
- Open and close doors carefully and do not slam the doors

Entering or Exiting a Freight Elevator

OPENING - MANUAL OPERATION

- Look through vision panel or car gate to ensure car is stopped and level with the landing

LANDING DOOR

- Push door open using the lower panel recess plate or top of lower panel
- Step onto the top of the lower panel to ensure door is fully open

CAR GATE

- Lift gate using lifting bar or recess plate
- Push the bottom of the car gate to ensure it opens fully

CLOSING - MANUAL OPERATION

- Stand clear of the landing door or car gate with both feet on the floor
- Grasp the pull strap with both hands
- Use pull strap closest to you
- Do not reach through to the outside pull strap

LANDING DOOR

- Pull down and towards you to close the landing door until door is fully closed

CAR GATE

- Pull down and towards you to bring the car gate down
- Push the car gate fully closed using the lifting bar or panel recess plate

⚠ WARNING

CRUSHING HAZARD!

DO NOT REACH THROUGH OPENING WHILE DOORS ARE CLOSING.

USE PULL STRAP TO CLOSE DOORS

CLEAR OPENING BEFORE CLOSING DOORS

⚠ CAUTION

TRIPPING HAZARD!

OPEN DOORS FULLY AND ENSURE DOOR SILL IS FLUSH WITH FLOOR.

USE PUSH PLATE TO OPEN DOORS



⚠ WARNING

- Report any missing, damaged or broken pull straps to the facility manager
- Do not tie knots or loops in the pull straps - use original equipment replacements
- Do not attempt to open doors with fork truck - only open doors by hand
- In case of mis-leveling do not use elevator and report to the facility manager
- Do not reach in gap between doors

A17060342-EN

⚠ WARNING



Pinch point.

Keep hands clear during operation.

THE PELLE CO.060340-EN

⚠ CAUTION



CLEAR OPENING BEFORE CLOSING DOORS



AUTOMATIC GATE!

Audible warning will sound when gate is closing.

THE PELLE CO.060085-EN

⚠ CAUTION

STAND CLEAR



DOOR PANEL FROM ABOVE WILL ENTER THIS AREA



THE PELLE CO.060339-EN

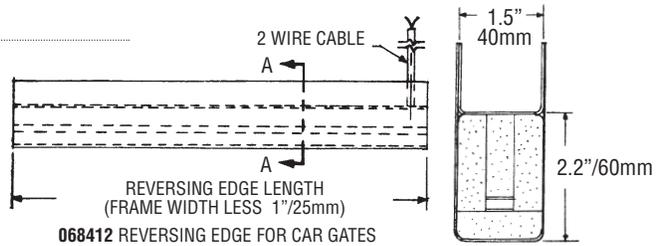


CAR GATE REOPENING DEVICES

REVERSING EDGES

1962 – Present, "Safety Yellow"

Part No.	Description
068412	Reversing Edge, NEMA 1/4 – IP10 (Give Length or Job Number)
469501	Reversing Edge, Pneumatic, NEMA 7 / 9 (Give Length or Job Number)
060164	Reversing Edge, NEMA 1/4 – IP10 (Give Length or Job Number)
068440	Cable, 4-Wire Travel Power Cord
068216	Retaining Strips for 068412
469502	Pneumatic Air Switch
468526	Coil Cable - 4-Wire Travel Power Cord

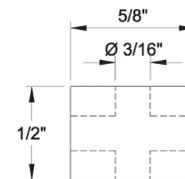


RUBBER ASTRAGALS (Not a reopening device)

Part No.	Description
066098	Astragal Flap, Prior to 2001 (Give Length or Job Number)
068216	Retaining Strips for 066098 (Give Length or Job Number)
066096	Astragal Extruded Profile, 2002 - Present (Give Length or Job Number)
068218	Aluminum Channel, Use to mount 066096 (Give Length or Job Number)
80019	Self Tapping Screw

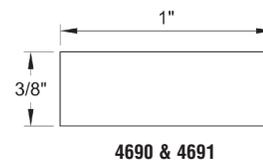
LIGHT CURTAINS — CEDES

Part No.	Description	Range
4697	Standard Range, IP65	16 FT (5000 mm)
4697M	Standard Range, NEMA 4, IP67	16 FT (5000 mm)
4698M	Wide Range, NEMA 4, IP67 – Sub 480101 & 103600	32 FT (10000 mm)
4699U	Light Curtain, Auto Blanking IP65	16 FT (5000 mm)
4699MU	Light Curtain, Auto Blanking IP67	16 FT (5000 mm)
4700U	Light Curtain, Auto Blanking IP65	32 FT (10000 mm)
4700MU	Light Curtain, Auto Blanking IP67	32 FT (10000 mm)
4801	Gridscan Mini Light Curtain IP67	26 FT (8000 mm)
4804	Gridscan Mini Light Curtain IP67	14 FT (4500 mm)
4805	Gridscan Mini Light Curtain IP67	14-32 FT (4500-10000 mm)



LIGHT CURTAINS — FORMULA

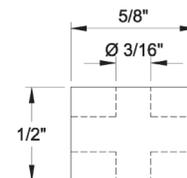
Part No.	Description	Range
4690	Standard Range	13 FT (4000 mm)
4691	Wide Range / M/R, NEMA 4	20 FT (6000 mm)
4694	Auto Blanking (Protector Style)	16 FT (5000 mm)



PROTECTOR (LIGHT CURTAIN)

This kits include one light curtain, power cables and controller, all mounting brackets and hardware, installation instructions. These kits require 2-4 spare wires in the elevator travel.

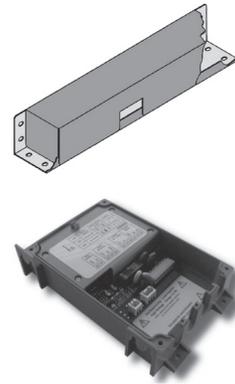
Part No.	Description	Range
4700	Wide Range, Auto Blanking	32 FT (10000 mm)
4699M	Standard Range NEMA 4, IP67, Auto Blanking	16 FT (5000 mm)
4700M	Wide Range NEMA 4, IP67, Auto Blanking	32 FT (10000 mm)
480402	Light Curtain #2 (Protector)	14 FT (4500 mm)
480502	Light Curtain #2 (Protector)	14-32 FT (4500-10000 mm)
4696	Protector Retrofit Kit	16 FT (5000 mm)



CAR GATE REOPENING DEVICES

POWER SUPPLY UNITS/CONTROLLERS

Part No.	Description
469000	115 / 230 VAC Controller For 4690 & 4691
469001	24 VDC Controller For 4690 & 4691
46941	110 / 220 VAC Controller For 4694 & 4696
469702M	Controller For 4697M
469902	Controller For 4699
469902M	Controller For 4699M
103600	20-256 V AC/DC Controller For 4801
480114	PLC Relay, C/W Plugs, Dual LC
480114M	PLC Relay, C/W Plugs, Dual LC - IP67
480108/M	WFCD Dual PSU
480108	WFCD - PSU & Relay, C/W Plugs, Dual LC
480108/M	WFCD - PSU & Relay, C/W Plugs, Dual LC - IP67



CABLES FOR CEDES LIGHT CURTAINS

Part No.	Description	
460021	Transmitter Cable (White)	16 FT
460022	Receiver Cable (Blue)	16 FT
460023	Receiver Ext Cable (Blue)	10 FT
460024	Transmitter Ext Cable (White)	10 FT
113436	4801 RX Cable, C/W Wago Plug	
106169	Synchronizstion Cable Gridscan Mini	
111821	RX Extension Cable 10m Long	

REVERSING BEAMS

RECOMMENDED SUBSTITUE PROTECTOR RETROFIT KIT

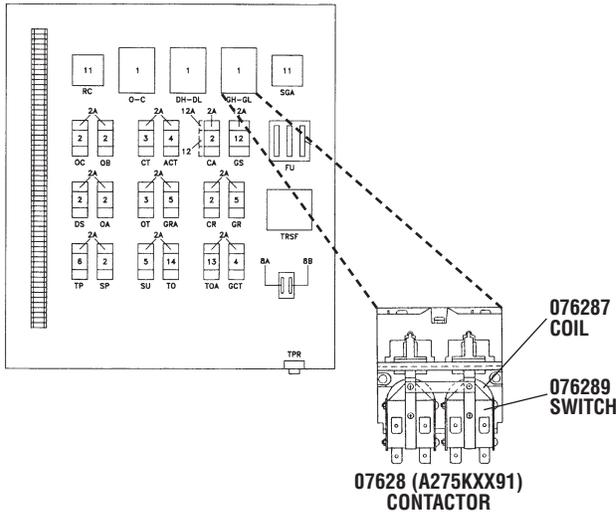
Part No.	Description
4689	Source and Detector inner tube assembly

To add reopening device to Peelle car gates 1962 to present – See Modernization Guide 312 Section 10 and Light Curtain Kit Guide 315.
 To change Simultaneous Operation to Sequence Operation – See Modernization Guide 312 Section 11
 Contact Peelle Modernization Department 1-800-787-5020 for help.

DOOR/GATE CONTROLLERS

CONTROLLER COMPONENTS

(110/220 Volts, 3 Phase, 50/60 Hertz)



Controllers manufactured 1950-2001 may be upgraded with a new, replacement controller to reduce motor burnouts. The new controller cost is less than a few motor replacements. Additional features are included.

Controller Replacement (add Fire Service) or Modification (add Auto Close)- See Peelle Modernization Guide 312 section 11. Controller Maintenance - See Peelle Maintenance Manual 204 section 18.

Need Peelle job number. Job number is located on Door Controller and on door guide rails.

1969 - 1999

Part No.	Description
075155	Fuse, 10 Ampere, 220V, 2" Long
076200	Transformer 220/120 - 15V - Sub 277607
076202	Fuse, 1.5 Ampere, Buss AGC -1 ¹ / ₂
076203	Fuse, 0.25 Ampere, Buss AGC - ¹ / ₄
07623	Relay, Retiring Cam
076245	Relay, 3 Pole
076255	Relay, 12V
076262	Relay, Latch
07628	Contacteur
076287	Coil - Sub 07628
076289	Micro Switch - Sub 235261
079061	Relay, 4 Pole - Sub 079070 & 079071
079064	Timer, 0.1-1 Seconds - Sub 274170 & 274175
079066	Timer, 3 Minute, TP - Sub 274173 & 274175
079402	Timer, 0.4-4 Seconds - Sub 274171 & 274175
275510	Relay, 24V AC
276705	Timer, 25-256 Seconds - Sub 274174 & 274175
276706	Timer, 3-32 Seconds - Sub 274172 & 274175
276708	Timer, 30 Seconds, OT/CT - Sub 274172 & 274175
277607	Transformer 220/120-24V
277608	Fuse, 2 Ampere, Buss AGC - 2

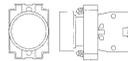
CONTROLLER MANUALS AVAILABLE

Job Date	Controller Series	Peelle Manual 201 Date	Relay Voltage
1930 - 1947	---	1938	220VAC
1948 - 1950	---	1950	220VAC
1951 - 1952	0751 - sub PLC Controller Replacement (274200R, 274201R, 274202R)	1953	220VAC
1953 - 1965	075132 - sub PLC Controller Replacement (274200R, 274201R, 274202R)	1954	220VAC
1966 - 1968	0759 - sub PLC Controller Replacement (274200R, 274201R, 274202R)	use 1954	220VAC
1969 - 1969	0762 - sub PLC Controller Replacement (274200R, 274201R, 274202R)	1969	110VAC
1970 - 1973	0765 (sockets for relays)- sub PLC Controller Replacement (274200R, 274201R, 274202R)	1972	110VAC
1974 - 1978	2765 (sockets for relays and timers)- sub PLC Controller Replacement (274200R, 274201R, 274202R)	1974 revised 1979	110VAC
1979 - 1985	2767 (Fire Service included)- sub PLC Controller Replacement (274200R, 274201R, 274202R)	1974 revised 1979	110VAC
1986 - 1994	2776 (no pushbutton back contacts required)- sub PLC Controller Replacement	1989	110VAC
1995 - 1999	2776 (may have Sensor Beam)- sub PLC Controller Replacement (274200R, 274201R, 274202R)	1989 revised 1998	110VAC
2000 - 2001	2741 (miniature relays)- sub PLC Controller Replacement (274200R, 274201R, 274202R)	1989 revised 2000	110VAC
2002 - Present	2742 (PLC)(no service tool required)	2002	24VDC

STATION PUSH BUTTONS (Not Flush)

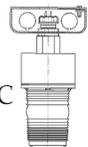
Part No.	Description
08204	Black Pushbutton Assembly - for either Door Open or Door Close
08205	Red Pushbutton Assembly - for Door Stop

Replacement pushbuttons are to be mounted on cover plate instead of the box.



BUZZER/STROBE Auto Close

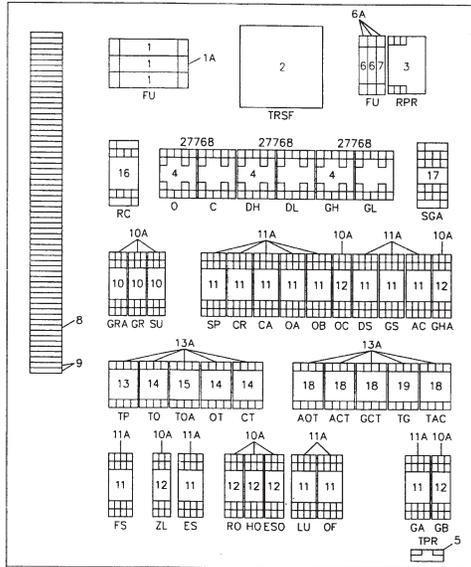
Part No.	Description
274290	Buzzer for car 24VDC - Sub 270023
270013	Buzzer for car 12VDC
270023	Auto-Close Warning Buzzer, 3-24VDC
0779	Strobe for car 110VAC
0780	Strobe for car 24VDC Red
274295	Bell, 24VDC
276510	Bell, 120VDC



0779

DOOR/GATE CONTROLLERS

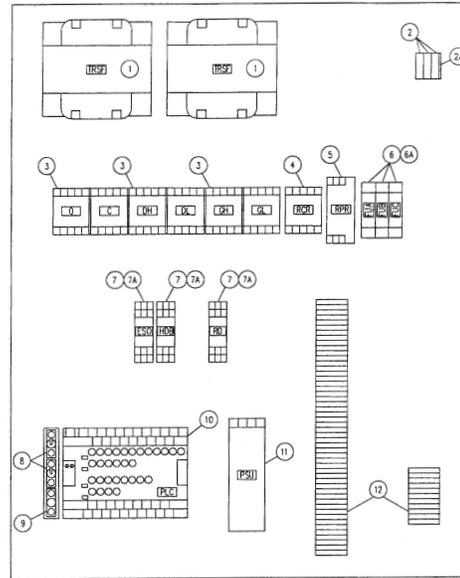
2741 (2000-2001)



1. 075155 10 AMP Fuse
- 1A. 075154 Fuse Holder
2. 277607 Transformer (220/120-24V, 110VA, 50/60Hz)
3. 077632 Reverse Phase Relay (220V, 50/60 Hz)
4. 27768 Reversing Contactor (110V, 50/60Hz)
5. 07629 Reset Button (Normally Closed)
6. 076202 1.5 AMP Fuse
- 6A. 274160 Fuse Holder
7. 277608 2 AMP Fuse
8. 274161 Terminal Block
9. 274162 Terminal Block and Ground
10. 274165 2 Pole Relay (24VAC, 50/60Hz)
- 10A. 274168 2 Pole Socket
11. 274167 4 Pole Relay (120VAC, 50/60Hz)
- 11A. 274169 4 Pole Socket
12. 274166 2 Pole Relay (120VAC, 50/60Hz)
13. 274173 3 Minute Timer (120VAC, 50/60Hz)
- 13A. 274175 2 Pole Timer Socket
14. 274172 30 Second Timer (120VAC, 50/60Hz)
15. 274170 1 Second Timer (120VAC, 50/60Hz), R/C
16. 274163 4 Pole Contractor (120VAC, 50/60Hz)
17. 274164 8 Pole Relay (120VAC, 50/60Hz)
18. 274171 5 Second Timer (120VAC, 50/60Hz)
19. 274174 5 Minute Timer (120VAC, 50/60Hz)

All possible components are listed

2742 (2002 - Present)



1. 274277 - Transformer (400/210V)
1. 274278 - Transformer (480/220V)
1. 274279 - Transformer (600/220V)
2. 076608 - Terminal Block
- 2A. 076607 - Terminal Block End
3. 274265 - Reversing Contactor (3 hp), Retiring Cam
4. 274263 - Contactor (4 Pole, 3hp)
5. 077632 - Reverse Phase Relay
6. 274260 - Fuse Holder
- 6A. 274261 - 8 Amp Fuse
7. 274266 - 2 Pole Relay 24VDC
- 7A. 274168 - 2 Pole Socket
8. 274280 - Toggle Switch
9. 274281 - Push Button
10. 274250 - Programmable Logic Controller (40)
- 10A. 274251 - Programmable Logic Controller (30)
11. 274252 - Power Supply Unit
12. 274161 - Terminal Block

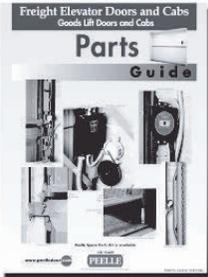
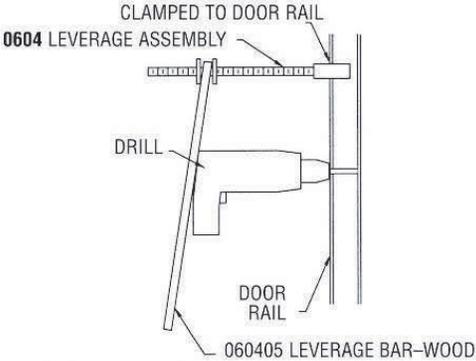
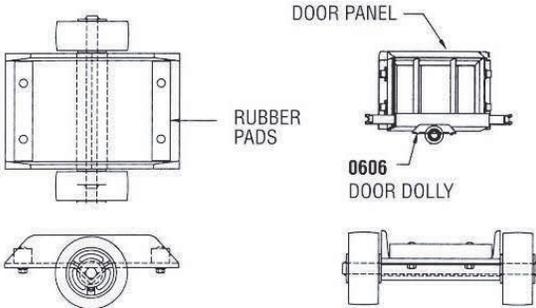
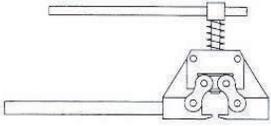
All possible components are listed

Wireless Controllers

- 27451 Wireless Car Door Controller
- 27452 Wireless Landing Door Controller
- 27465 Aux. Panel For Strobe/Buzzer
- 274511 12VDC Coil Relay 3PDT
- 274512 Relay Socket
- 274325 Transformer, 2 KVA 480/220 V - WFDC

INSTALLATION TOOLS KIT-060040



 <p>Part No. 314</p> <p>Description Parts Guide</p>	 <p>Part No. 0603</p> <p>Description Shoe Spreader/Adjuster for outward adjustment of Peelle Shoes 1930-Present</p>
 <p>Part No. 0604</p> <p>Description Rail Drilling Leverage Assembly with 060405 Leverage Bar (Drill not included)</p>	 <p>Part No. 060071 (2) Sling, 8 Ft/2M Long 060072 (2) Sling, 10 Ft/2.5M Long 060073 (2) Sling, 12 Ft/3M Long</p>
 <p>Part No. 0606</p> <p>Description Door Dolly Assembly – for Biparting Doors and car Gates</p>	 <p>Part No. 0608</p> <p>Description Chain Pin Extractor for Number 25 through 60 roller chain. For shorting chains.</p>

HSD SPARE PARTS

Part No	Description		
23741	Triangle Latch Key		
510013	Retainer Angle Door Panel		
510015	Gib Assembly		
510020	Traction Roller		
510021	Uptrust Roller Assembly		
510037	Car Gib Spacer		
550029	Bearing Bushing Stud Vane		
550047	Car Door Latch Contact		
550060	Car Door Contact		
550114	Car Door Lock RH		
550115	Car Door Lock LH		
551000	Interlock Beck Assembly LH		
551001	Interlock Beck Assembly RH		
551005	Actuator Interlock Beck		
551023	Door Contact		
551040	Interlock Box Assembly RH.		
551041	Interlock Box Assembly LH.		
551036	Pick Up Roller Beck Interlock		
551042	Pick Up Roller		
552000	Pulley Idler Assembly		
552014	Drive Belt	Sold by the foot	
552025	Gear Box		
552026	HSD Motor		
552027	HSD Controller		
553005	Retainer Angle Narrow 3.5"		
553007	Lock Release		
553018	Lock Release Key		



**Wireless
Communication**



VVVF Drive

Wireless Door Controller



**Closed Loop
Feedback**



Plug & Play



**Self Learning
Technology**



**Machine
Room Less**



Green



**Smooth
Operation**



LCD Display



***Experience
the Freedom***



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