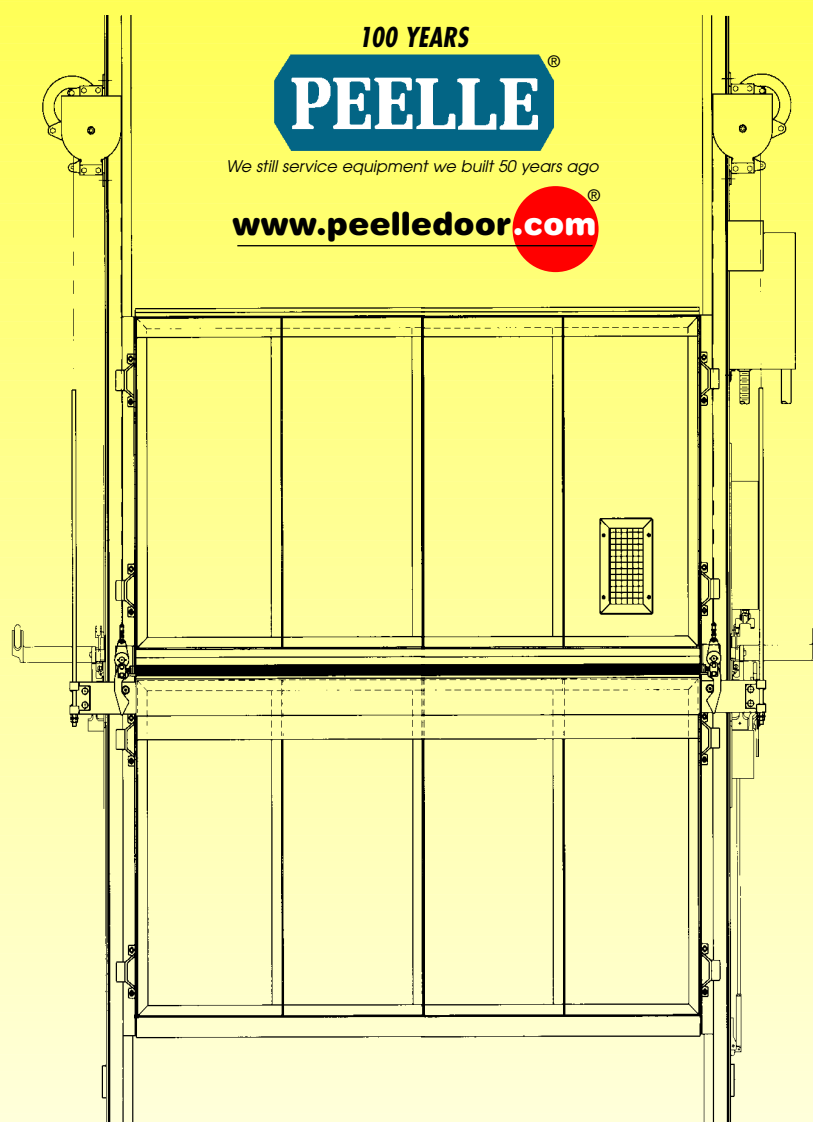


Freight Elevator Doors and Cabs

Goods Lift Doors and Cabs

Modernization

Guide



*For: Peelle, Courion, EMS, Guilbert, Harris Preble,
Otis and Security*



www.peelldoor.com

Modernization Guide 312/2005
REQUEST FOR QUOTE Page 1 of 4

For projects in USA:

THE PEELLE COMPANY
34 Central Avenue
Hauppauge, New York 11788-4734
1-631-231-6000 Ext. 34 or 37 • 1-800-645-1056
FAX: 1-631-231-6059
E-mail:sales@peelldoor.com

For projects in Canada and Worldwide:

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@peelldoor.com

Date: _____

CUSTOMER DATA:

Company: _____

Address: _____

Contact Person: _____

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 _____

Date _____

Job Name _____

SECTION 4: HOISTWAY DOOR ASTRAGAL REPLACEMENT**Survey Sheet #4 Required**

Complete Astragal Assembly _____ Replacement Flaps Only _____

Side Tension Latches (Peelle only) _____

SECTION 5: HOISTWAY DOOR INTERLOCK REPLACEMENT**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

Complete Section 2

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**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)

Complete Section 7, & 10 (if applicable)

Survey Sheet #10 Required for Otis Gate**SECTION 9: CAR GATE RAILS REPLACEMENT (EXISTING PEELLE ONLY)**

Quantity Required _____ Which Line (Front or Rear) _____

Counterweight Side _____ Length _____ Counterweight Guard _____

Limit Side _____ Length _____

SECTION 10: REOPENING DEVICE REPLACEMENT

Reversing Edge _____ Length _____ **Survey Sheet #11 Required For Other Mfg.**

Light Curtain Retrofit Kit (The Protector™) _____

Auxiliary Controller (Reopening Control) _____ (For gates without a Reopening Device)

SECTION 11A: CONTROLLER REPLACEMENT (EXISTING PEELLE ONLY)

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 (EXISTING PEELLE ONLY)

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

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.

Power Conversion Package Includes:

- Door Operators (2 per door)(two-speed)
- Door Limits
- 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 currently 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.

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

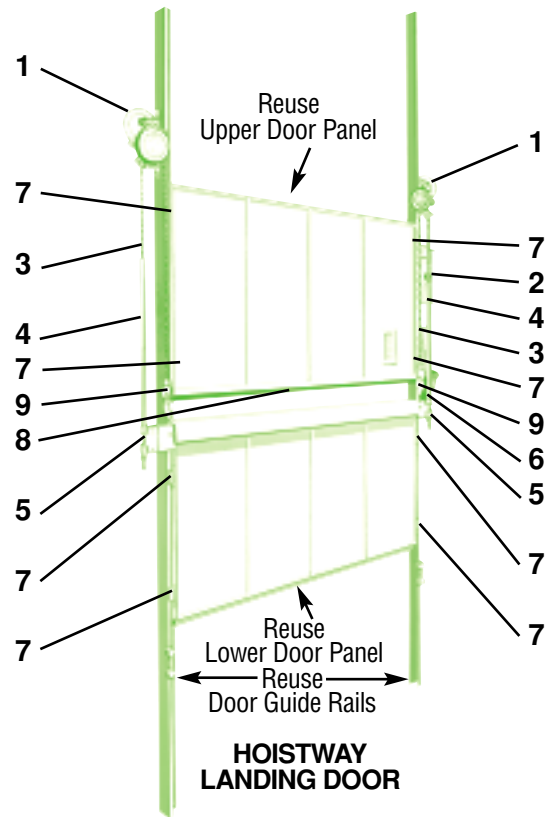
POWER CONVERSION PACKAGE

FOR EACH DOOR (reuse panel and rails)

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

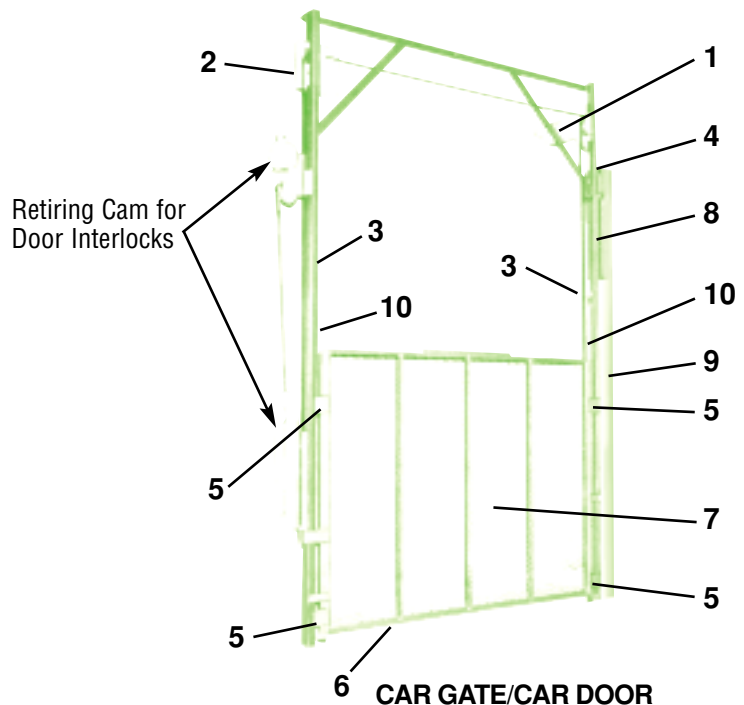
FOR EACH LINE OF DOORS

- 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



EACH GATE (complete new)

1. Gate operator
2. Gate limit
3. Gate chains
4. Gate contact
5. Guide shoes
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.

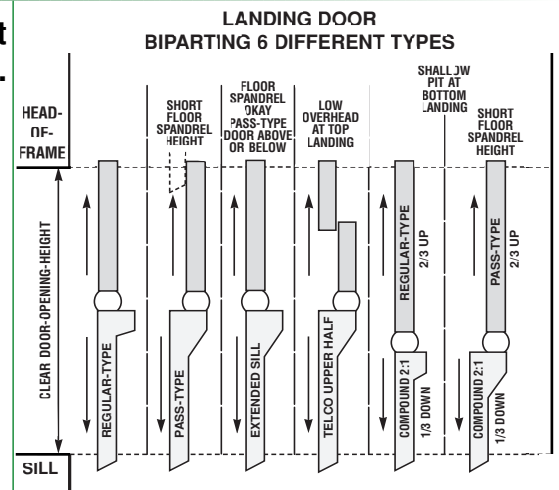
Benefits:

- Provides compliance with A17/B44 Codes.

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
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:

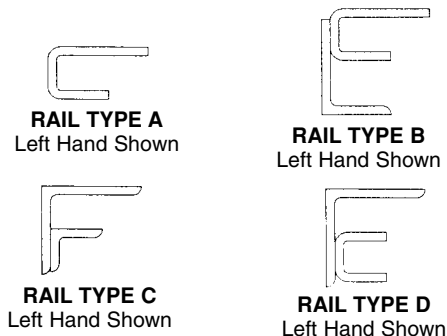
- Pair of Door Rails (A,B,C,D)
- Rail Mounting Angles (to mount rail to wall)
- Rail Stops
- Interlock Plugging Device
- Mounting Bolts

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:

Provides compliance with A17.3 Code (requires removal of overlapping steel astragals and removal of center-hook-latches).

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).

Benefits:

- Provides compliance with A17/B44 Codes Rule 8.7.2.10.3 (was 1201.10c).

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
- Piedmont™ Heavy Duty Car Gate

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
- Piedmont™ Heavy Duty Car Gate

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).

4696 Light Curtain Retrofit Kit (*THE PROTECTOR™*)

Design:

- Light Curtain Retrofit Kit (The Protector™) (cascade) designed for vertically sliding car gates

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 under 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:

- **No Survey Sheet Required**
- **No 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 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

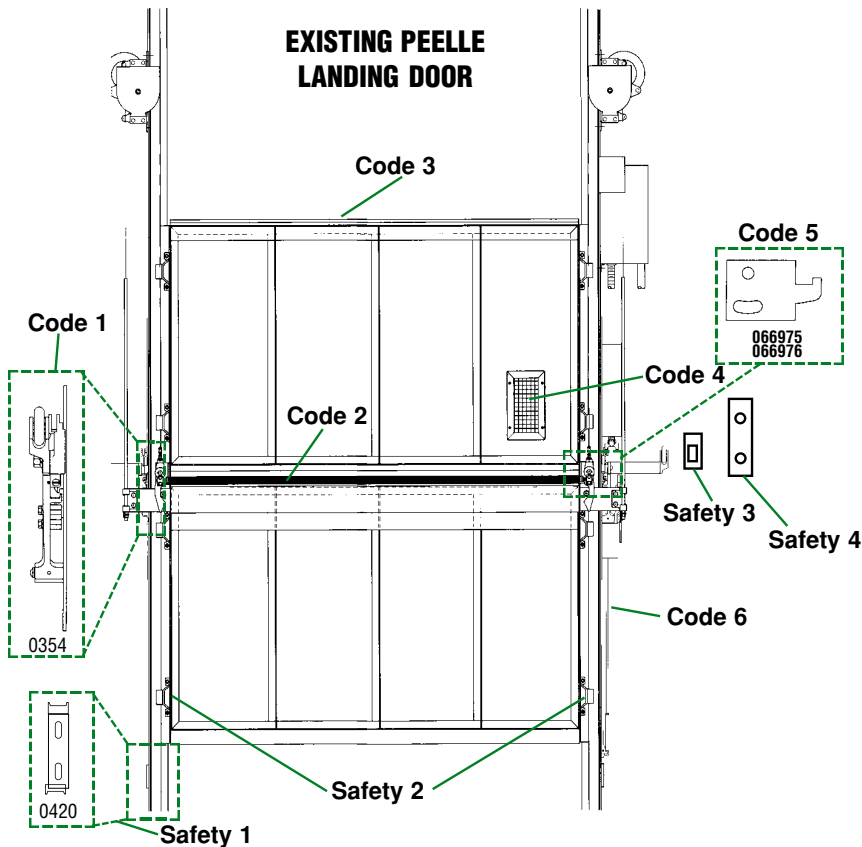
Benefits:

- 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

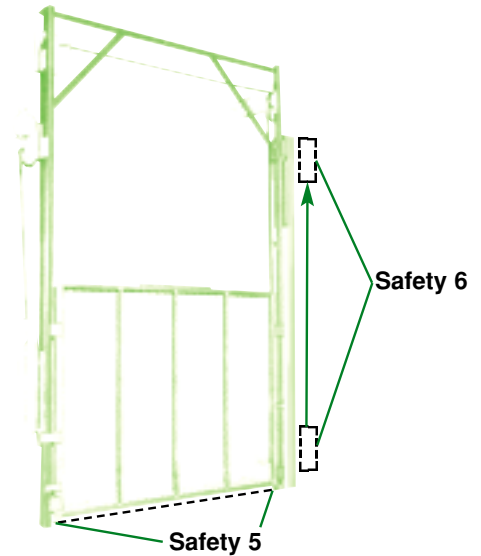
Survey Sheets Required:

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

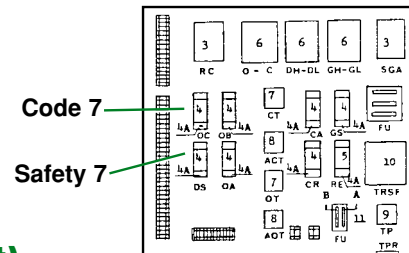
Code and Safety Upgrades – Peelle Doors



EXISTING PELLE CAR GATE



EXISTING PELLE DOOR CONTROLLER



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.

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 #2378 that has an electric contact which when activated disables power door operation. For power doors. For unlocking devices before 1973.
- Safety 4.** Upgrade landing Door Open/Door Close Buttons (to eliminate conditions that can cause unintended opening of doors at other landings) with Peelle #08204, or #0825, and wiring instructions. For buttons before 1986 supplied by other-than-Peelle.
- Safety 5.** Add #4696 Light Curtain Retrofit Kit (The Protector™). Refer to Modernization Guide 312 Section 10.
- Safety 6.** Reposition Car Gate Contact upward out of reach of persons inside car with Peelle #2342, #234200 and #234201. For car gates before 1960
- Safety 7.** Modify Door Controller from Simultaneous Operation to Sequence Operation. Requires reopening device; recommend Peelle #4696 Light Curtain Retrofit Kit, refer to Modernization Guide 312 Section 10.



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SURVEY SHEETS

- SURVEY SHEET #1:** New Door & Gate Survey Sheet–All Manufacturers
- #2:** New Door & Gate Survey Sheet–All Manufacturers
- #3:** Hoistway Door Rail Survey Sheet
- #4:** Astragal Survey Sheet
- #5:** Interlock/Retiring Cam Survey Sheet
- #6:** COURION/SECURITY or EMS Door Survey Sheet
- #7:** GUILBERT Door Survey Sheet
- #8A:** HARRIS PREBLE (REG) Door Survey Sheet
- #8B:** HARRIS PREBLE (PASS/EXT) Door Survey Sheet
- #9:** OTIS Door Survey Sheet
- #10:** OTIS Gate Panel Replacement Survey Sheet
- #11:** Reversing Edge Survey Sheet
- #12:** New PEELLE Car Gate Survey Sheet
- #13:** Car Enclosure Survey Sheet

NOTE:: Hands of Elevator Door Hardware are Determined by Standing in Car Facing Door.

SURVEY LEGEND

- | | |
|---|--|
| A: Door Opening Width | CC: Platform Width |
| B: Door Opening Height | DD: Shoe Type (Sketch) |
| C: Rail Setting | EE: Hand of Interlock
<i>(Hand determined standing in car facing door)</i> |
| CA: Pass Rail Setting | FF: Chain Rod Length |
| D: Right Hand Return Distance | GG: Chain Type and Size |
| E: Left Hand Return Distance | HH: Chain Hanger Type (Sketch) |
| F: Right Hand Car Clearance | II: Center Latch |
| G: Left Hand Car Clearance | JJ: Room Side Lever |
| H: Right Hand Car Lap | MM: Overhead |
| I: Left Hand Car Lap | NN: Car Enclosure (Cab) Height |
| J: Distance Between Enclosure Angles | OO: Platform Thickness |
| K: RH Enclosure Angle Offset | PP: Enclosure Angle Size |
| L: LH Enclosure Angle Offset | QQ: Depth of Platform |
| M: RH Enclosure Angle Setback | RR: Car Top Angle Size |
| N: LH Enclosure Angle Setback | SS: 1/2 Door Height |
| O: Wall Thickness | TT: Trucking Sill Size |
| P: Hangerbar Setting | UU: Frame Angle Size |
| QU: Upper Panel Offset | VV: Jamb to Back of Rail Distance |
| QL: Lower Panel Offset | BA: Gate Panel Width |
| R: Shoe Angle to Back of Rail Distance | DA: Bottom of Gate to Platform Distance |
| S: Rail to End of Hangerbar Distance | EA: Top of Upper Shoe |
| T: Chain Centerline From Back of Rail | FA: Top of Chain Hanger |
| U: Chain Centerline From Wall | GA: Height of Lift Bar |
| V: Sheave Diameter | HA: Width of Counterweight |
| W: Sheave Centerline Height From Head of Frame | JA: Setback of Counterweight |
| X: Main Rail Size | KA: Thickness of Counterweight |
| Y: Guide Rail Size | LA: Width of Bottom Gate Frame |
| Z: Stop Dimension | MA: Distance Between Counterweight Boxes |
| AA: Distance Between Shoe Angles | NA: Gate Panel Height |
| BB: Distance Between Guides | ZA: Sill to Bottom of Hangerbar Distance |



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**Section 12
Complete Car Enclosure Replacement**

Modernization

Guide

Freight Elevator Doors Since 1905



We still service equipment we built 50 years ago.

The Peelle Company

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1-631-231-6000 • 1-800-645-1056 Ext. 34 or 37 • FAX: 1-631-231-6059
sales@peelledoors.com

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
exportsales@peelledoors.com

Peelle Asia Pacific, Pte. Ltd.

Blk 326 Ubi Avenue 1, Unit 08-689, Singapore 400326
65-9830-2212 • FAX: 65-6749-8496
e3pcom@singnet.com.sg

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GENUINE
PEELLE
PARTS



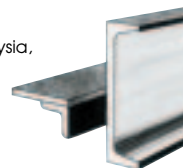
CAR ENCLOSURES



FREIGHT DOORS



SLIDE-UP
DOORS



CHANNEL
FRAME &
SILLS



CAR GATES



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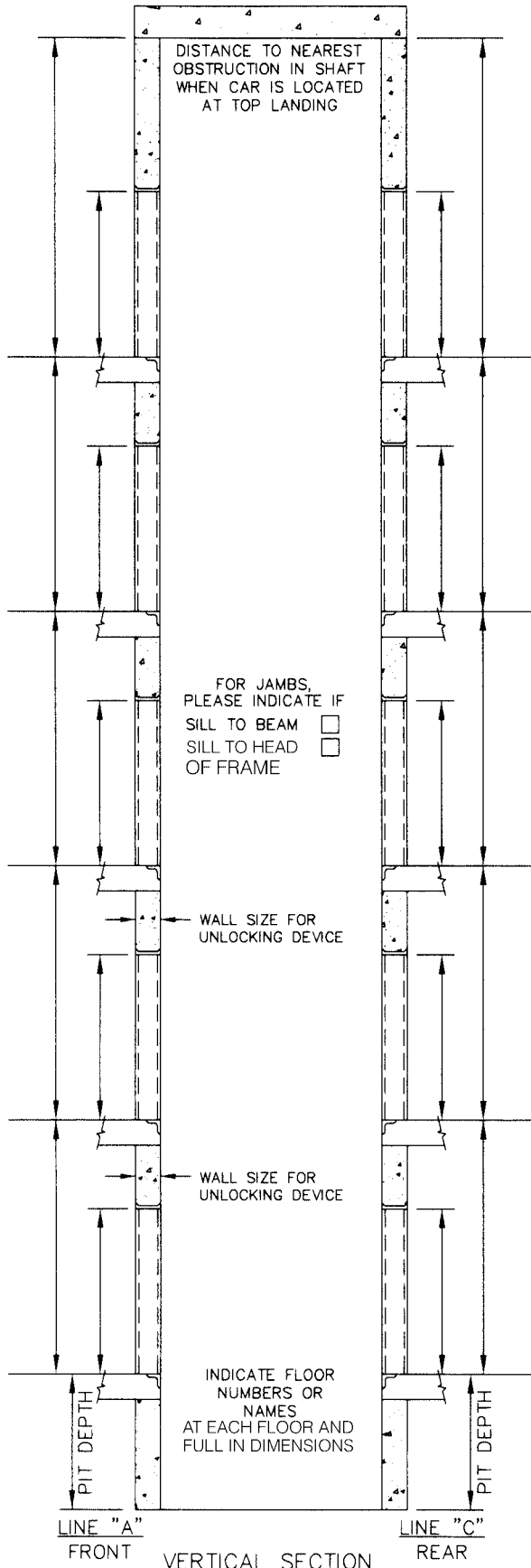
SURVEY SHEET #1

NEW DOOR & GATE SURVEY SHEET - ALL MANUFACTURES

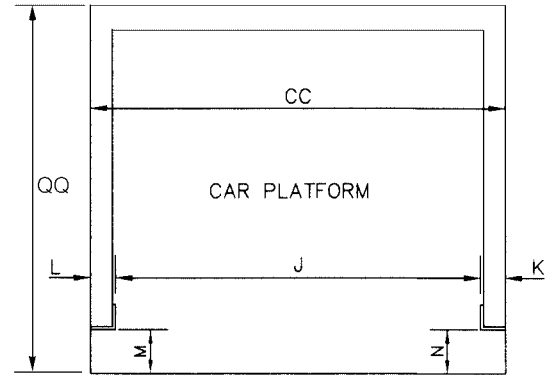
POWER

MANUAL

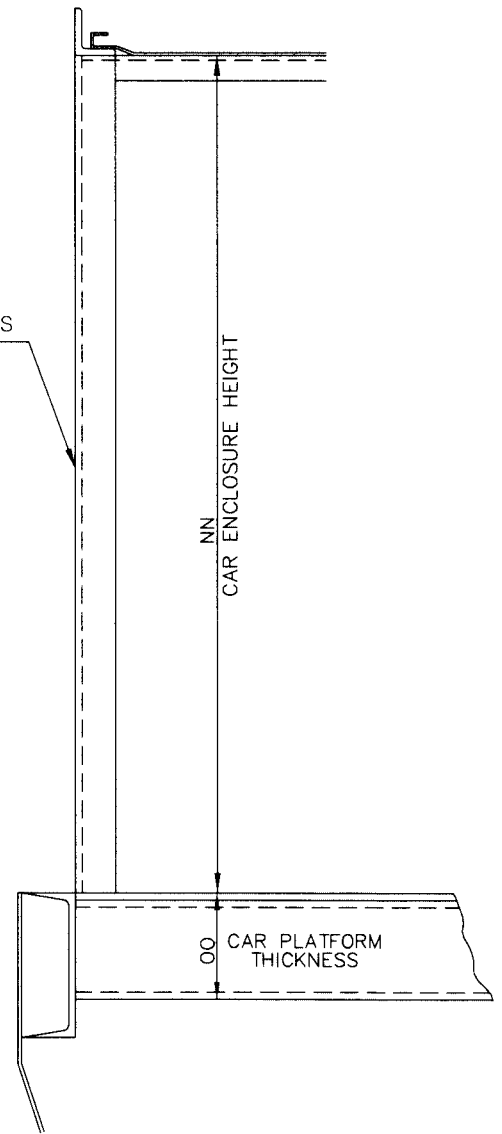
SEE SURVEY LEGEND



- QQ _____
- CC _____
- J _____
- K _____
- L _____
- M _____
- N _____
- NN _____
- OO _____



CAB ENCLOSURE ANGLES (GIVE SIZE)



SIDE ELEVATION OF CAR

SURVEY SHEET #4

ASTRAGAL SURVEY SHEET

POWER

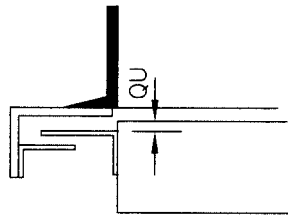
MANUAL

DOOR MANUFACTURER:

(CHECK ONE)

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

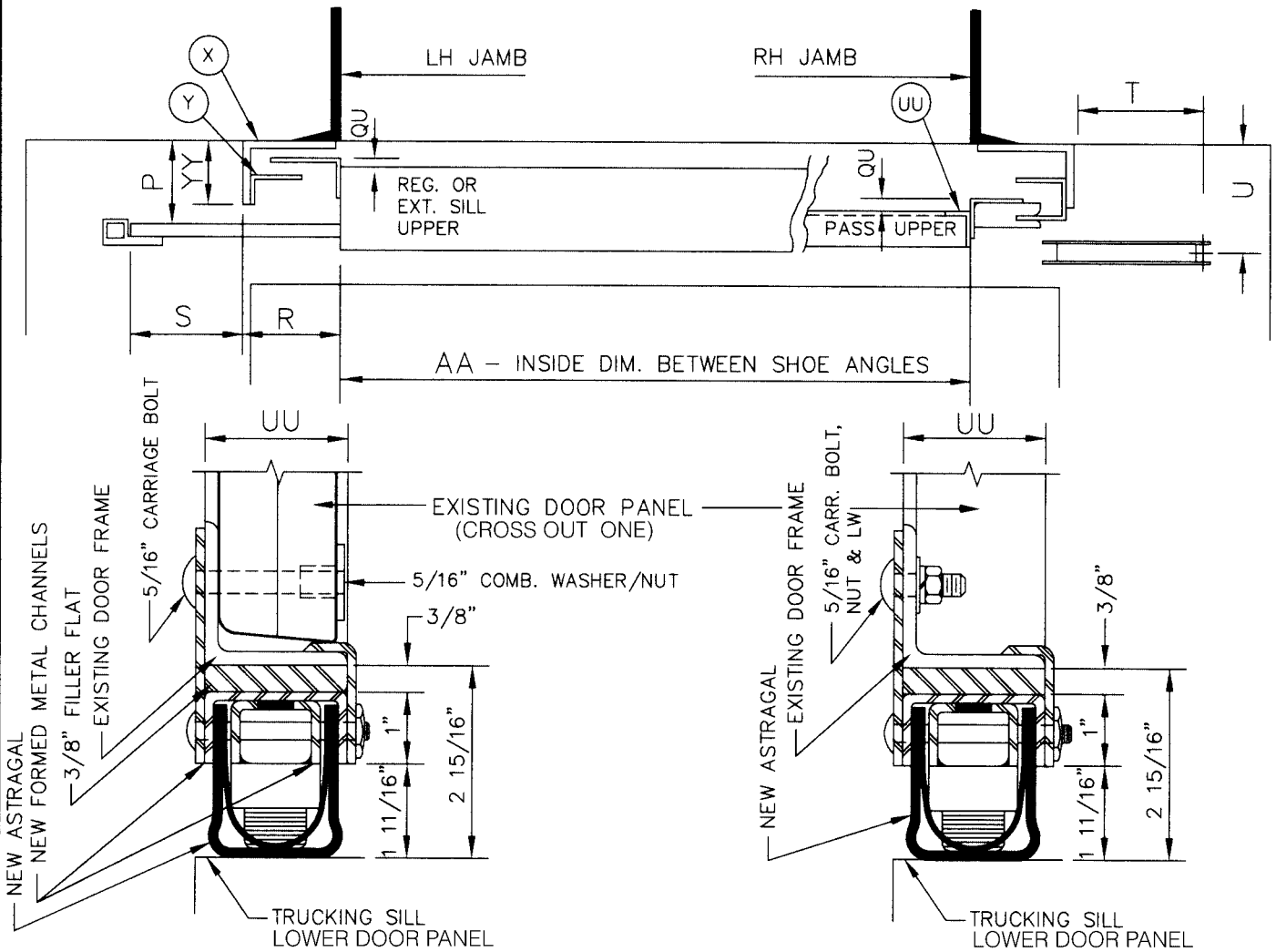
DIMENSIONS	
AA	R
P	S
QU	T
	U
EE	TYPE & HAND OF INTERLOCK <input type="checkbox"/> LH <input type="checkbox"/> RH
UU	DOOR FRAME ANGLE SIZE
X	MAIN RAIL ANGLE SIZE
Y	GUIDE RAIL ANGLE SIZE
YY	ANGLE LEG SIZE
II	CENTER LATCH ON <input type="checkbox"/> LOWER PANEL <input type="checkbox"/> UPPER PANEL
JJ	ROOM 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.



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

2 1/2" ASTRAGAL FOR STEEL PLATE DOORS

SEE SURVEY LEGEND



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SURVEY SHEET #5 INTERLOCK / RETIRING CAM SURVEY SHEET

POWER (Pelle Only)

MANUAL

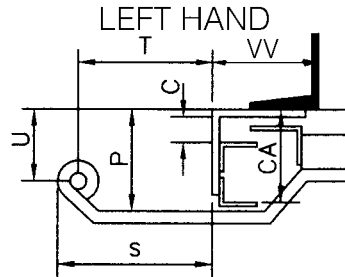
INTERLOCKS FOR DOORS BY:

(CHECK ONE)

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

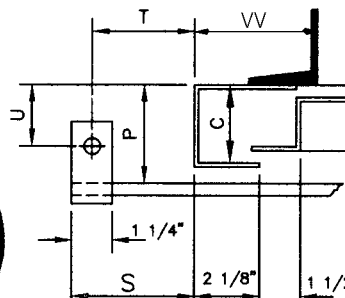
DIMENSIONS

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

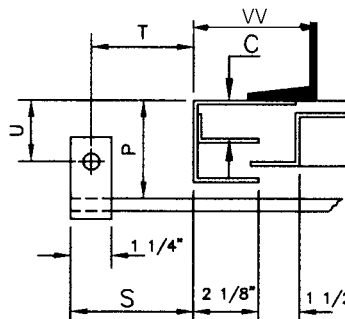


COURION/SECURITY
PASS RAIL

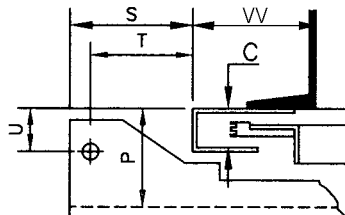
LOWER PANEL SHOE ANGLE ___ X ___ X ___



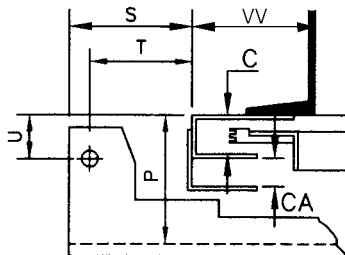
GUILBERT REGULAR RAIL



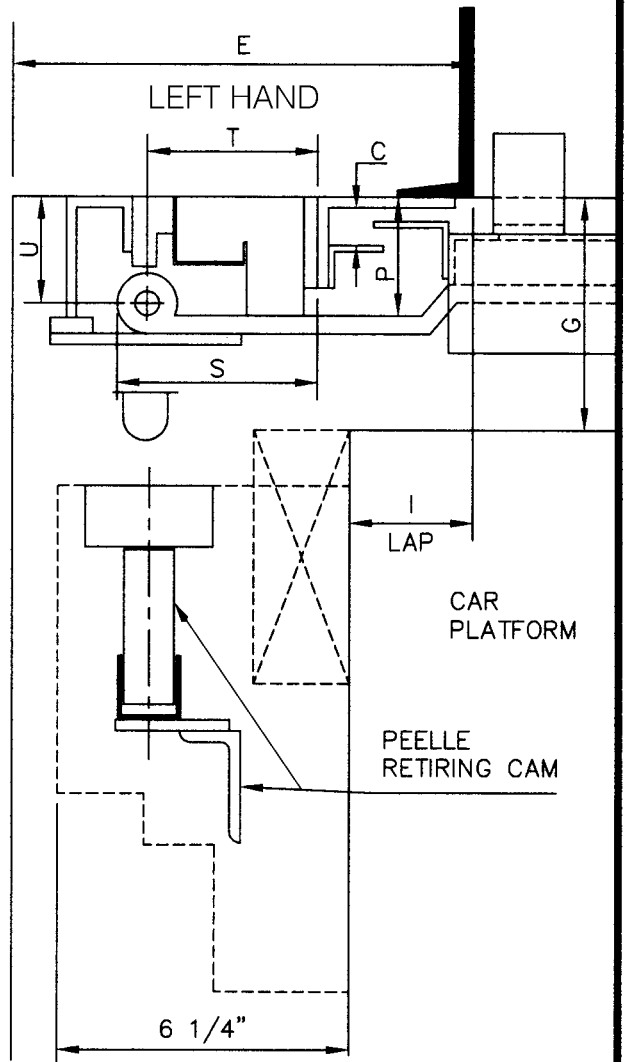
GUILBERT PASS RAIL



OTIS REGULAR RAIL



OTIS PASS RAIL

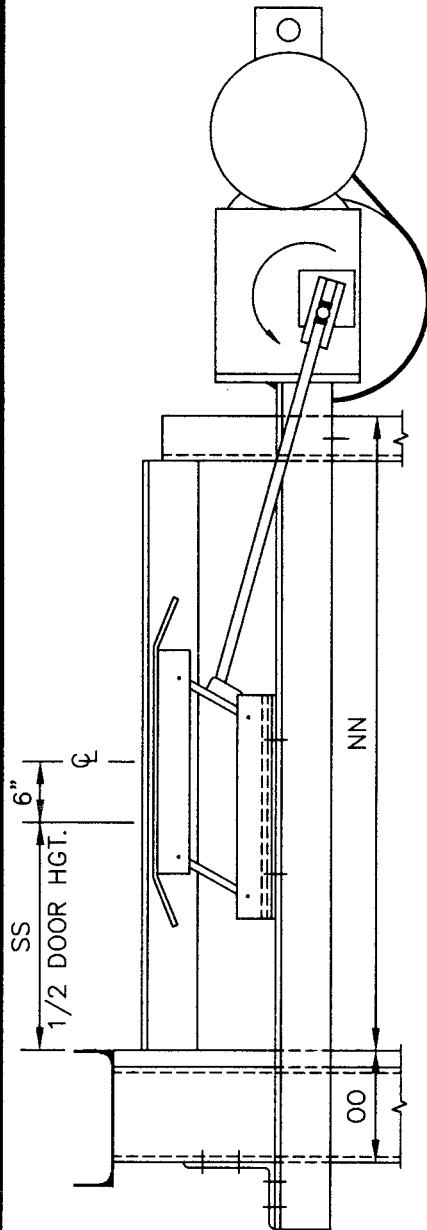


PLAN SHOWING PEELLE UB-1A
INTERLOCK ON COURION/SECURITY
DOOR WITH REGULAR RAIL

_____ LH AS SHOWN

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

SEE SURVEY LEGEND



PEELLE RETIRING CAM

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



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SURVEY SHEET #10

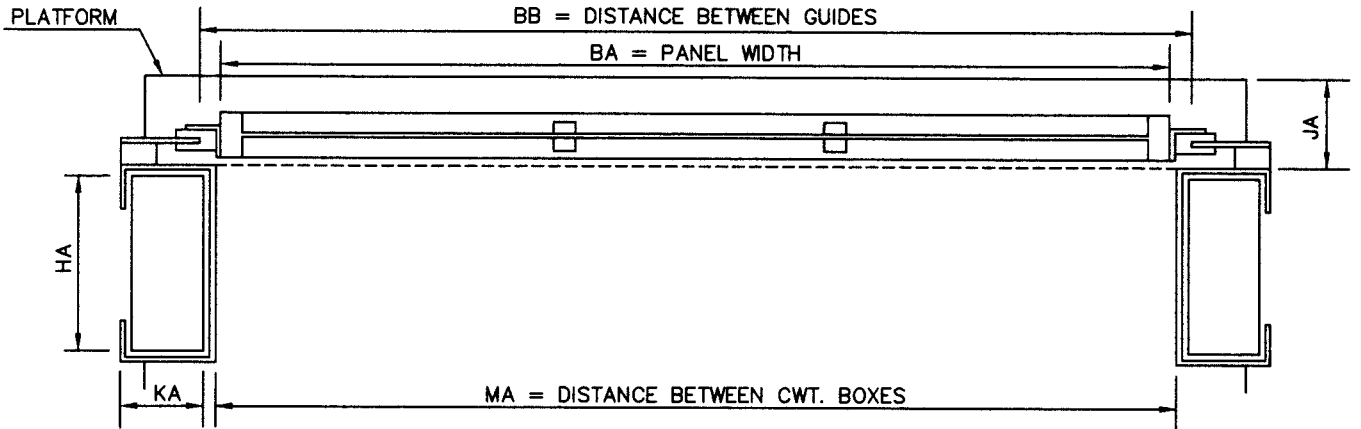
OTIS GATE PANEL REPLACEMENT SURVEY SHEET

POWER

MANUAL

LEFT HAND

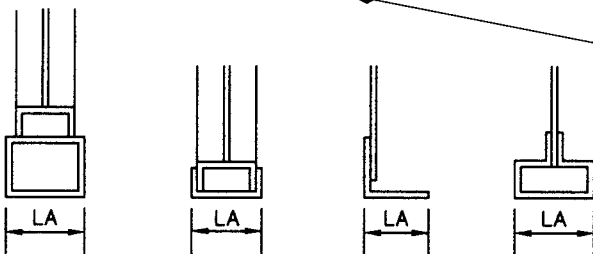
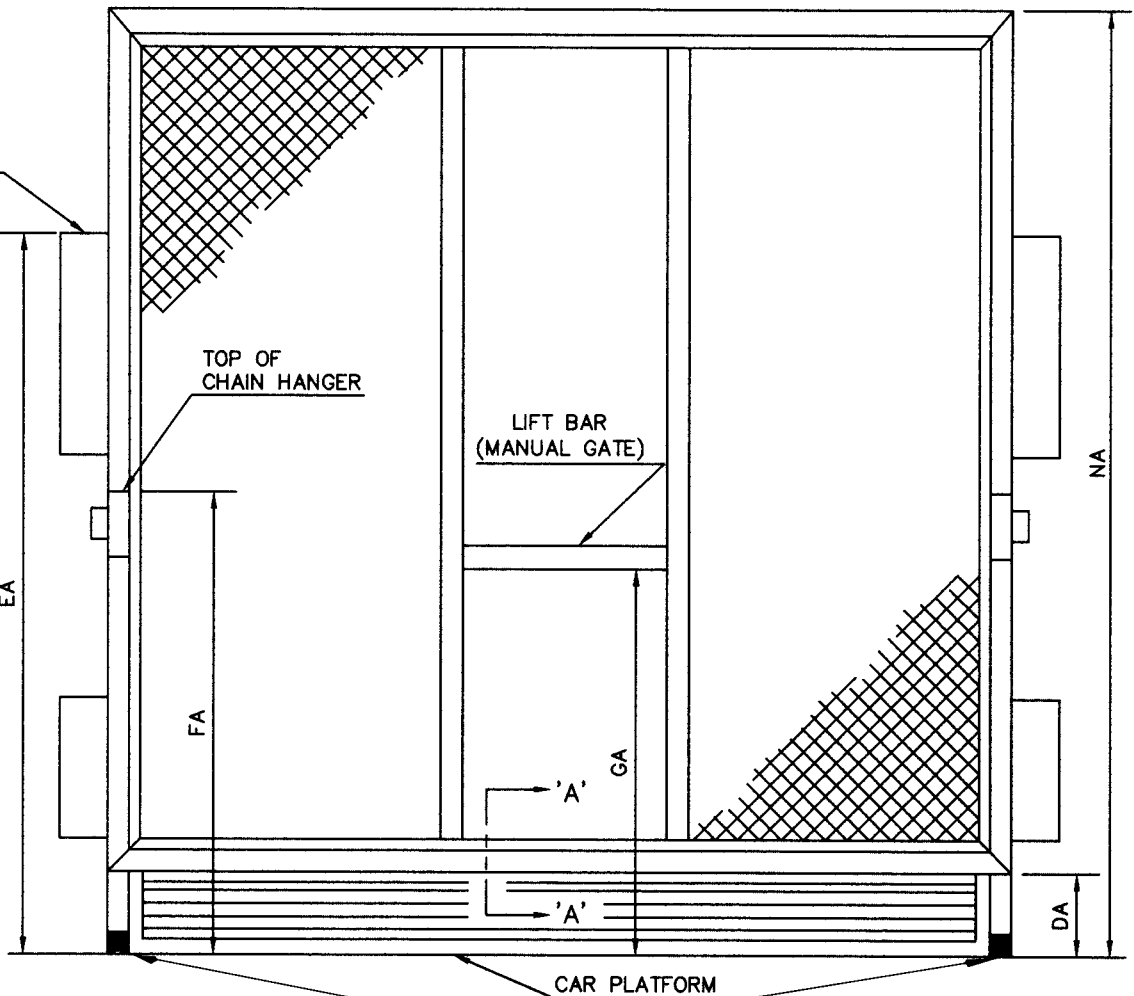
RIGHT HAND



SEE SURVEY LEGEND

TOP OF UPPER SHOE

- 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.



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SURVEY SHEET #11

REVERSING EDGE SURVEY SHEET

CAR PLATFORM LEFT HAND

RIGHT HAND

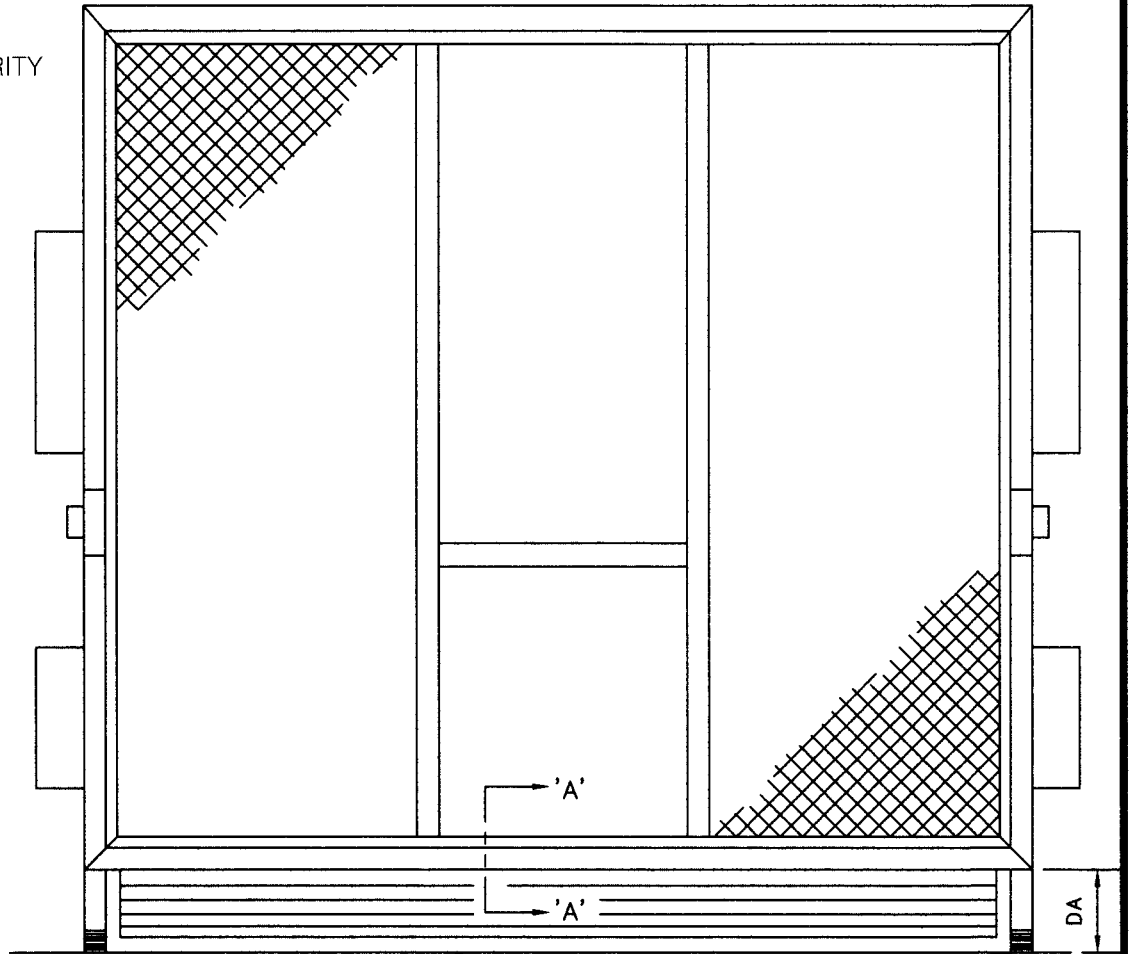
CAR GATE
BA= PANEL WIDTH

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

BA = _____

DA = _____

LA = _____



EXISTING GATE BUMPERS BELOW GATE PANEL?
YES NO

EXISTING
GATE FRAME
SHOWN AT
LEFT

NEW BOTTOM
CABLE CONNECTOR

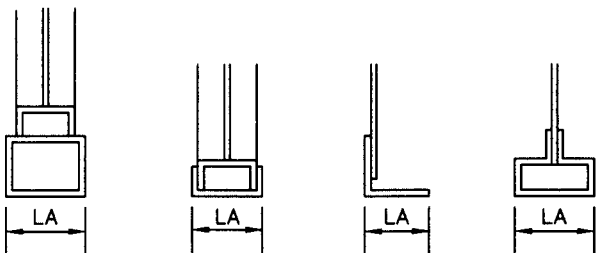
MOUNTING
HARDWARE

NEW REVERSING EDGE

BUMPER

CAR
PLATFORM

CROSS SECTION
OF REVERSING EDGE



DETAIL 'A'-'A' CIRCLE ONE

SEE SURVEY LEGEND



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SURVEY SHEET #12

NEW PEELLE CAR GATE SURVEY SHEET

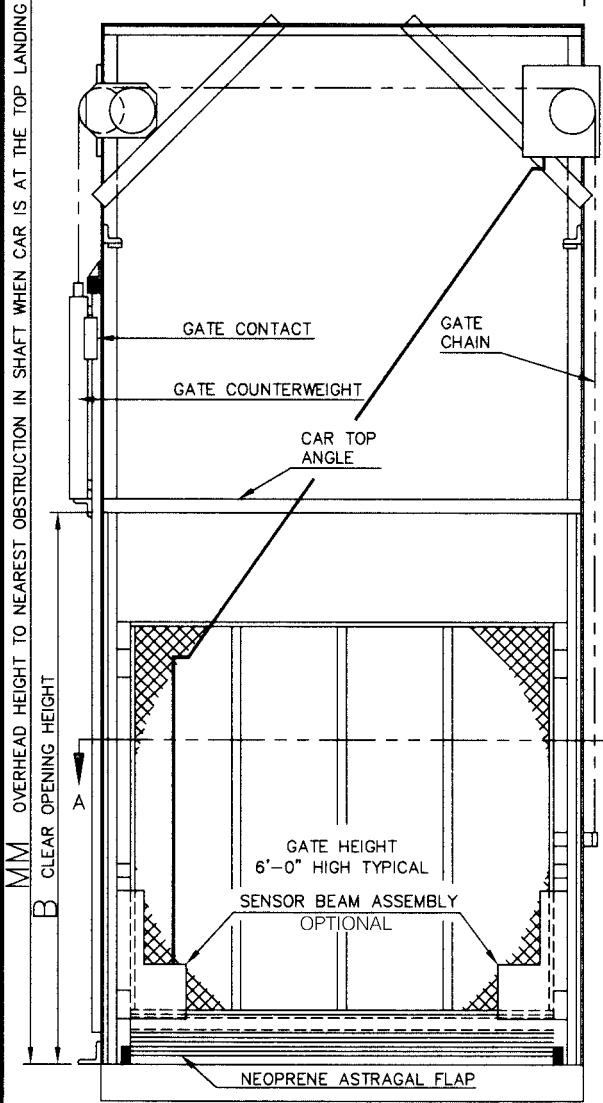
POWER

MANUAL

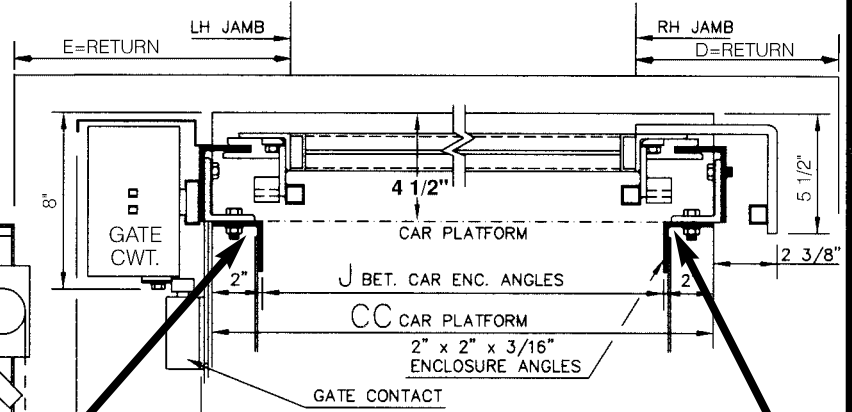
TOP OF SHAFT OR
NEAREST OBSTRUCTION

SINGLE SECTION CAR GATE PLAN VIEW SECTION A-A

SEE SURVEY LEGEND



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



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

B _____ D _____

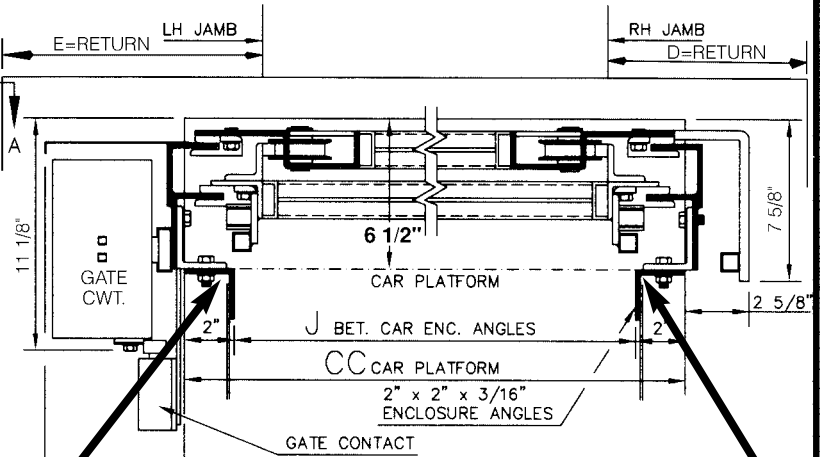
J _____ E _____

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

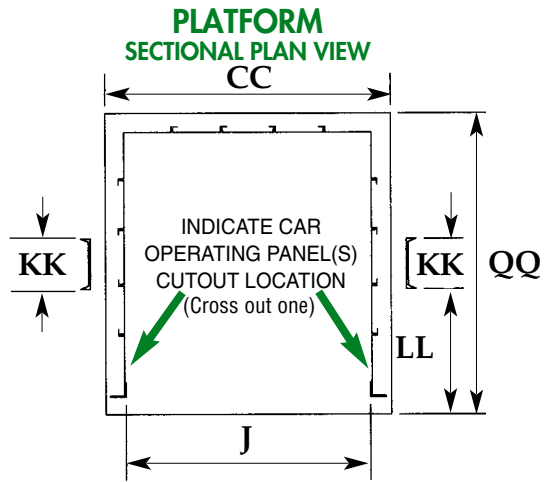
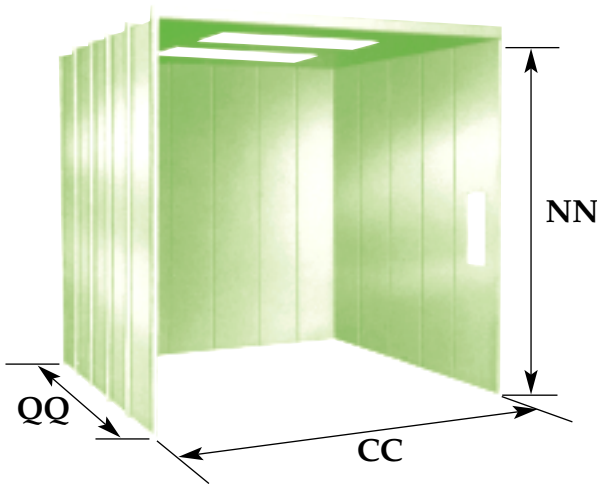
HANDS OF ELEVATOR DOOR HARDWARE ARE DETERMINED BY STANDING IN CAR FACING DOOR.



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SURVEY SHEET #13 CAB ENCLOSURE SURVEY SHEET

CAB ENCLOSURE



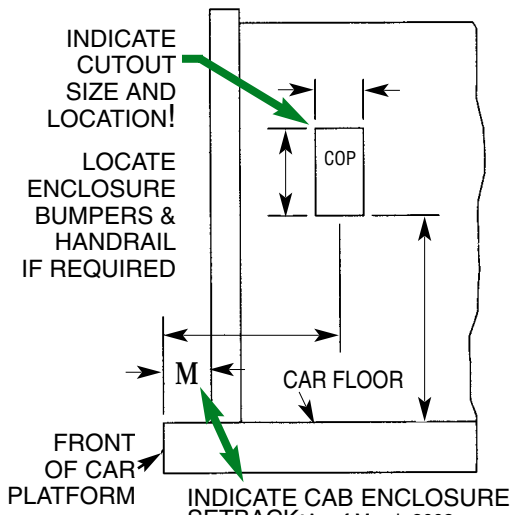
- CC. Car Platform Width _____
- QQ. Car Platform Depth _____
- NN. Car Opening Height _____
- J. Inside Cab Dimension _____
- LL. Front of Car to Stile _____
- KK. Size of Car Stile _____
- M. Cab Enclosure Angle Setback _____ below _____
- Door Opening Size: Width _____ Height _____
- Car Gate/Door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

SEE SURVEY LEGEND

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 IPI10/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.