



WAUPACA
ELEVATOR COMPANY, INC.
Specify the Specialists®

Planning Guide

Custom-Lift®
Elevators





We are a proud member of the Accessibility Equipment Manufacturers Association. This symbol assures you of our commitment to high quality and accessibility to everyone.

Waupaca Elevator Mission Statement

Our company's mission is to supply and service products that meet or exceed our customers' expectations of high quality, value, delivery and longevity. Our success is a direct reflection of our employees' involvement and commitment to excellence. We strive to continuously improve our products to ensure meeting the future requirements of our customers and facilitate competitive growth.

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Introduction

This Planning Reference Guide is to be used as a guide in deciding the type of elevator to be installed, parameters of installation and steps taken to achieve a proper elevator installation. This guide may be used by the architect, contractor, dealer or home owner. The information in this guide is intended as an overview, each installation will have job specific specifications that must be followed. Do not attempt to construct a hoistway on this information alone.

Elevator installation is to be done by an authorized elevator contractor, and in accordance with installation instructions provided by the manufacturer. Installation must also be in compliance with requirements of the National Electric Code, American Society of Mechanical Engineers safety code, and state and local building codes. Waupaca Elevator's products are designed to meet the requirements of ASME - 17.1 National Elevator Codes for residential elevators and are fully certified by a registered professional engineer. Waupaca Elevator Company, Inc. elevators manufactured and installed under the proper parameters are warranted for 2 years. Manufacturer assumes no liability for equipment not installed in compliance with these codes.

Planning Steps

1. - Locate local dealer and together determine the following:
 - A - Select drive system, car type and design specifications
 - B - Address national, state and local code requirements
 - C - Hoistway size
 - D - Car size, layout and options
 - E - Machine room location and layout
 - F - Electrical requirements
2. - Obtain and follow site specific field drawings while building hoistway, doorways and any other construction related to the elevator.
3. - Coordinate with dealer to install elevator.





Elevator Quick Reference Guide

| Mechanical Features | | Winding Drum | | | | J-SERIES | Hydraulic | |
|--------------------------|--|----------------------|---------------------|----------------------------|--|--|---------------|---------------|
| Weight Capacity | up to.. | Standard 500 lbs. | PLC 500 lbs. | 750 lbs. / 1,000 lbs. | | Overhead Drum Paca-Glide 1,000 lbs. | 750 lbs. | 950 lbs. |
| Car Square Footage | inside dimensions... up to... | 12 sq. ft. | 12 sq. ft. | 12 sq. ft. / 15 sq. ft. | | 15 sq. ft. | 12 sq. ft. | 15 sq. ft. |
| Travel / Stops | up to... / up to... | 50' / 6 | 50' / 6 | 50' / 6 | | 50' / 6 | 50' / 6 | 50' / 6 |
| Speed | Feet per Minute | 30 | 30 | 40 | | 40 | 40 | 40 |
| Pit Depth | Minimum depth | 6" | 6" | 6" | | 6" | 8" | 8" |
| Overhead | above finished top floor w/ 6' 10" I.D. Cab | 7' 6" | 7' 10" | 8' 0" | | 8' 10" | 7' 10" | 7' 10" |
| | above finished top floor w/ 7' 0" I.D. Cab | 7' 8" | 8' | 8' 2" | | 9' 0" | 8' 0" | 8' 0" |
| | above finished top floor w/ 7' 4" I.D. Cab | 8' 0" | 8' 4" | 8' 6" | | 9' 4" | 8' 4" | 8' 4" |
| | above finished top floor w/ 8' I.D. Cab | 8' 8" | 9' 0" | 9' 2" | | 10' 0" | 9' 0" | 9' 0" |
| I.D. = Inside Dimensions | | | | | | | | |
| Minimum Travel | Minimum travel allowed between stops | 14" | 18" | 18" | | 18" | 14" | 14" |
| Electrical Requirements | 230 volts, single phase, 60 hertz (seperate 120-volt circuit required - car lighting) | 20 Amp | 20 Amp | 20 Amp | | 20 Amp | 30 Amp | 30 Amp |
| Controls | Magnetic Tape Reader and PLC | N/A | Standard | Standard | | Standard | Standard | Standard |
| Auto Car Lighting | | N/A | Standard | Standard | | Standard | Standard | Standard |
| Homing Feature | Elevator will return to a predetermined location when not in use. | N/A | Optional | Optional | | Standard | Standard | Standard |
| | | | NEED FLOOR LOCATION | | | FIELD PROGRAMMABLE | | |
| Alarm | with Power Supply & Emergency Light | Optional | Optional | Optional | | Standard | Standard | Standard |
| | with Battery | Standard | Standard | Standard | | N/A | N/A | N/A |
| Easy Ryde | | N/A | Standard | Standard | | Standard | 2 Speed Valve | 2 Speed Valve |
| Operation | Manual Lowering Device On | Standard | Standard | Standard | | Standard | Standard | Standard |
| | Emergency Descent with Battery | N/A | N/A | Optional | | Standard | Standard | Standard |
| | Round Trip with Battery | N/A | N/A | Optional | | Optional | N/A | N/A |

| Design Features | | Designer | Heritage | Estate | Estate Ltd | Custom Raised Panel** |
|---------------------------|--|-------------------|----------------------------------|--------------------------------|----------------------|------------------------|
| Interior Walls | Standard | Birch or Melamine | Textured Loma Natural Hickory | Oak | Cherry | See Below |
| | Laminate (large selection) | Optional | N/A | N/A | N/A | N/A |
| | Oak | Optional | Optional Trim Only | Standard | Optional | Standard |
| | Maple, Cherry, Walnut or Mahogany | Optional | Optional Trim Only | Optional | Optional | Standard |
| | Exotic woods as available | N/A | N/A | N/A | N/A | Optional |
| Interior Wall Finishes * | Standard | Unfinished | Textured Loma Natural Hickory | Unfinished/Nat. Medium/Dark | Estate Ltd. Blend | Unfinished/ Natural |
| | Lacquered (N/C = No Charge) | N/A | N/C Optional Trim Only | N/C Optional | N/C Optional | N/C Optional |
| Cab Height | Optional heights 6' 10", 7' 4" and 8' ID | 7' 0" Std | 7' 0" Std | 7' 0" Std | 7' 0" Std | 7' 0" Std |
| Flooring | 1" sub floor to accommodate a 1/4" flooring provided by builder/owner | Standard | Standard | Standard | Standard | Standard |
| Ceiling | | Birch or Melamine | Textured Loma | Textured Loma | Cherry | Matches Walls |
| Lighting | 4" down lights (additional lights available) Ring Colors: White, Black, Chrome or Brass | 2 | 2 | 2 | 4 | 4 |
| Gates | Accordion - Solid Vinyl: Chalk, White, Natural Oak or Light Oak | Standard | Standard | Standard | Optional | Optional |
| | Accordion - Non Standard Vinyl, Wood or Acrylic | Optional | Optional | Optional | Acrylic Standard | Acrylic Standard |
| Hall Stations | Call with "Fade Out" In Use ("Car Here" light is optional) | Standard | Standard | Standard | Standard | Standard |
| Car Operating Panel (COP) | Floor Buttons, Light Switch, Alarm Button and Emergency Stop Switch | Standard | Standard | Standard | Standard | Standard |
| Hall and COP Finishes | #4 Brushed Muntz or Stainless Steel | Standard | Standard | Standard | Optional | Optional |
| | #8 Polished Muntz or Stainless Steel | Optional | Optional | Optional | Standard | Standard |
| Handrail 1 per Car | Matching Wood | Standard | Standard | Standard | Optional | Optional |
| | Polished or Brushed, Brass or Chrome | Optional | Optional | Optional | Standard | Standard |
| Telephone Jack | | Standard | Standard | Standard | Standard | Standard |
| Telephone Box | Flush Wood Cover or #4 or #8 Muntz or Stainless Steel Cover with phone | Optional | Optional | Optional | Optional | Optional |

Handrails

#4 Brushed Brass Handrail w/ #8 Polished Ends & Standoffs
#8 Polished Brass Handrail w/ #8 Polished Ends & Standoffs
#4 Brushed Chrome Handrail w/ #8 Polished Ends & Standoffs
#8 Polished Chrome Handrail w/ #8 Polished Ends & Standoffs

Raised Panels

Choose from Ten Distinctive Designs or Create a Custom Design

** Raised Panel Designs are not available on 500 lbs. units

* Interior Wall Wood Finishes

Designer Car Birch: Unfinished only

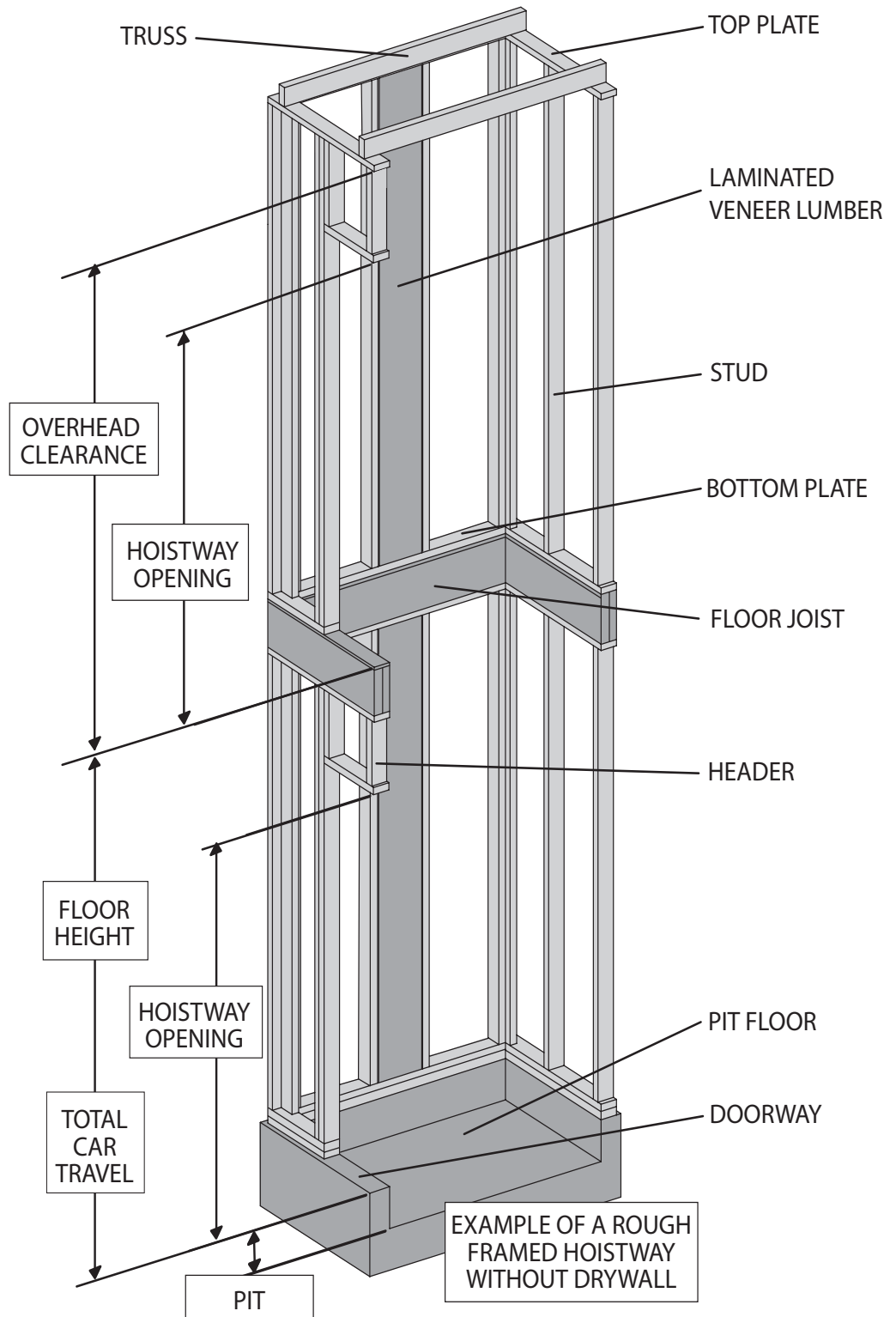
Melamine: Natural Oak or White

Birch, Walnut, Maple, Mahogany & Exotic Woods: Unfinished or Natural

Oak: Unfinished, Natural, Medium or Dark

Cherry: Unfinished, Natural or Estate Ltd. Blend

Hoistway Illustrations - Custom-Lift®



Hoistway Specifications - Custom-Lift®

Refer to Illustration on previous page

ATTENTION CONSTRUCTION CONTRACTOR:

This is an example of a winding drum hoistway. Job specific documentation will be provided by Waupaca Elevator from which to construct the hoistway.

Hoistway Construction Requirements

(to be completed prior to elevator installation by contractor)

1. **Electrical Requirements:**

- Dedicated 230 VAC 30 AMP Circuit Single Phase. Fuse should be a time delay 20 AMP.
- Power supply to be installed in a lockable fused disconnect.
- 120 VAC 15 Amp Circuit Single Phase with manual disconnect & 15 AMP fuse.
- Electrical wiring to comply with applicable codes.

2. **Unfinished/Un-installed Door** - Installation company may prefer a minimum of one hoistway door entrance and associated framing shall be left unfinished/un-installed to accommodate elevator installation equipment and to prevent accidental damage to door and framing (preferably at grade level).

3. **Plumb and Square Hoistway** - Hoistway must be plumb within 1/8 inch per 10 ft. of height and square at any point within 1/4 inch based on difference in diagonal measurements.

4. **Supportive Structure** - Structure must be capable of supporting the appropriate loads. Local engineering support is recommended.

5. **Machine Room** - If machine room space is provided, it must meet National Electrical Code clear space requirements and all local codes. Machine room space must have a light switch and a convenience outlet at code specified location.

An opening between machine room space and hoistway must be provided in specified location for sheave & wire rope arrangement.

6. **Telephone Connection** - Code requires a telephone connection to the elevator car therefore, a phone line must be installed in the machine room (near controller).

7. **ASME 17.1 Part 5.3** - Hoistway to be constructed in accordance with ASME17.1 Part 5.3 and all local codes.

8. **Hoistway Door Security (Interlocks)** - All hoistway doors require interlocks as well as a door handle and a latch set. Interlocks will be installed by the elevator installers. Waupaca Elevator recommends the use of solid core doors.

9. **Temperature Requirements** - Hoistway and machine room (if applicable) temperature should be maintainable between 50° F- 100° F and should not be exposed to the elements.

10. **No Alterations** - Any alterations to the equipment without written authorization by Waupaca Elevator will void all warranties.

11. **Pit Floor Strength** - A pit floor must be designed to withstand an impact of 1050 lbs. per sq.ft. When used, concrete must be a minimum of 4" thick rated at 3500PSI.



Custom-Lift[®]

Winding Drum Elevator

Series **010** (500 lbs.)
 210 (500 lbs. with PLC)

Advantages

- Minimum Required Hoistway Space
- Economical
- Sturdy and Reliable

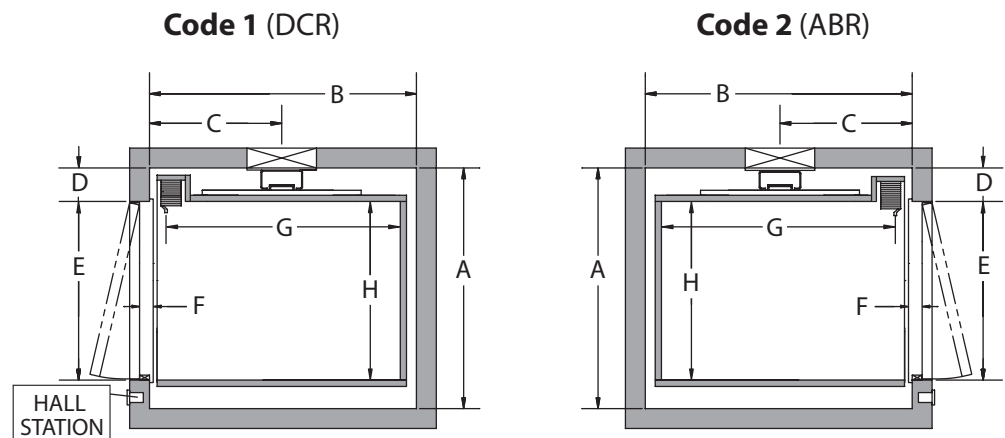
The elevators listed in the following section are based upon our standard 12 sq. ft. car.

Hoistway Layout - Custom-Lift®

Series 010 & 210 (500 lbs.)

Construction Notes:

- Use specified backing from architect to frame into wall.
- Hoistways below are showing finished dimensions. Finished hoistway dimensions include drywall installation, plaster and paint.
- A maximum of 3" (F) are allowed between the closed hoistway door and the landing sill.
- Determine height of hall station by local code.
- Rough frame door in place with an extra inch of space on each side of the door to later install the door and door trim.
- Listed below are the 12sq. ft. cars Series 010 & 210 (500lbs.)



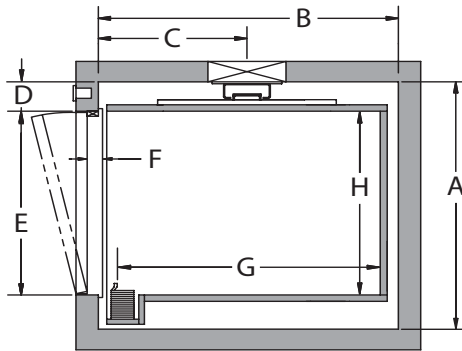
| ELEVATOR HOISTWAY LAYOUT | CAR SIZE | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | |
|--------------------------------|-----------|----------------------------------|-------|--------|------|-----|----|-----|-----|
| | | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 1 (DCR) | 48" x 36" | 47" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 2 (ABR) | 48" x 36" | 47" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |



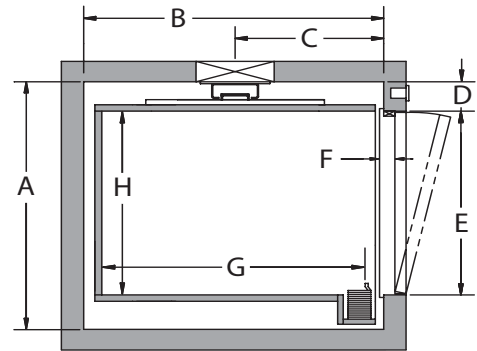
Hoistway Layout - Custom-Lift®

Series 010 & 210 (500 lbs.)

Code 1 (CDR)

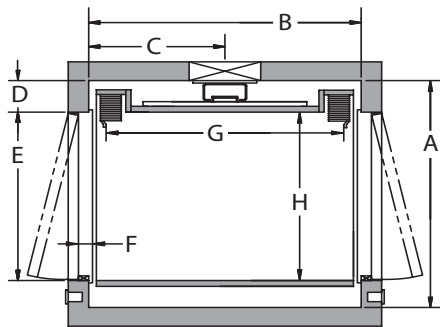


Code 2 (BAR)

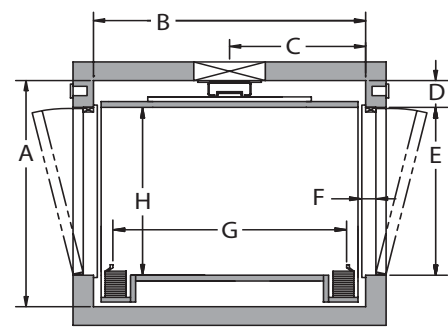


| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-------|--------|------|-----|----|-----|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 1 (CDR) | 48" x 36" | 48" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 2 (BAR) | 48" x 36" | 48" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |

Code 4 (ABR - DCR)



Code 4 (BAR - CDR)



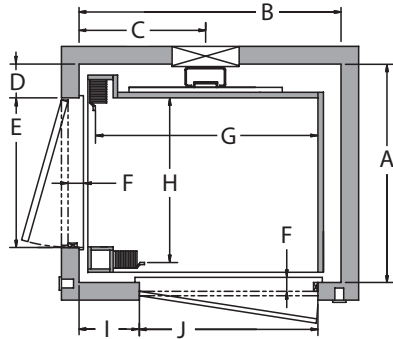
| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-----|--------|------|-----|----|-----|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 4 (ABR-DCR) | 48" x 36" | 47" | 55" | 27.50" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 4 (BAR-CDR) | 48" x 36" | 48" | 55" | 27.50" | 5.5" | 36" | 3" | 48" | 36" |



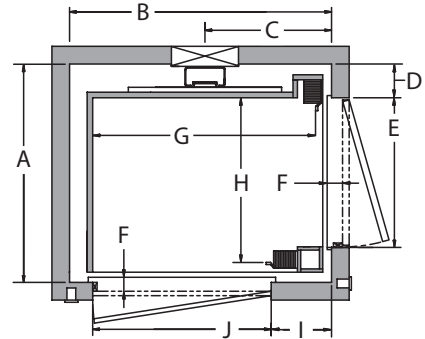
Hoistway Layout - Custom-Lift®

Series 010 & 210 (500 lbs.)

Code 6 (DCR - CB)

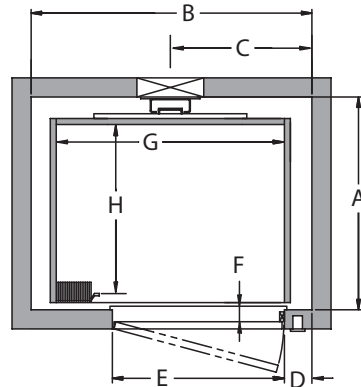


Code 5 (ABR - BC)

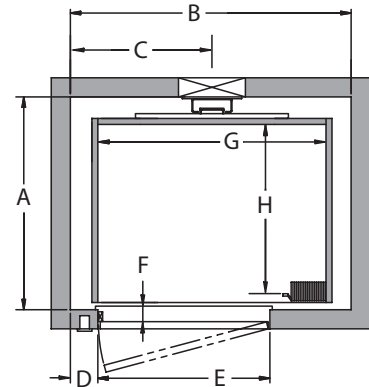


| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-------|--------|-------|-----|----|-----|-----|-------|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | | | |
| | | A | B | C | D | E | F | G | H | I | J |
| CODE 6 (DCR-CB) | 48" x 36" | 45" | 56.5" | 27.25" | 5.25" | 32" | 3" | 48" | 36" | 15.5" | 36" |
| CODE 5 (ABR-BC) | 48" x 36" | 45" | 56.5" | 27.25" | 5.25" | 32" | 3" | 48" | 36" | 15.5" | 36" |

Code 3 (CB)



Code 3 (BC)



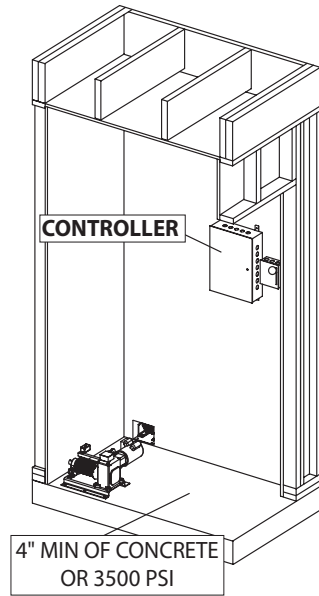
| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-------|-------|------|-----|----|-----|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 3 (CB) | 48" x 36" | 45" | 56.5" | 29.5" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 3 (BC) | 48" x 36" | 45" | 56.5" | 29.5" | 5.5" | 36" | 3" | 48" | 36" |



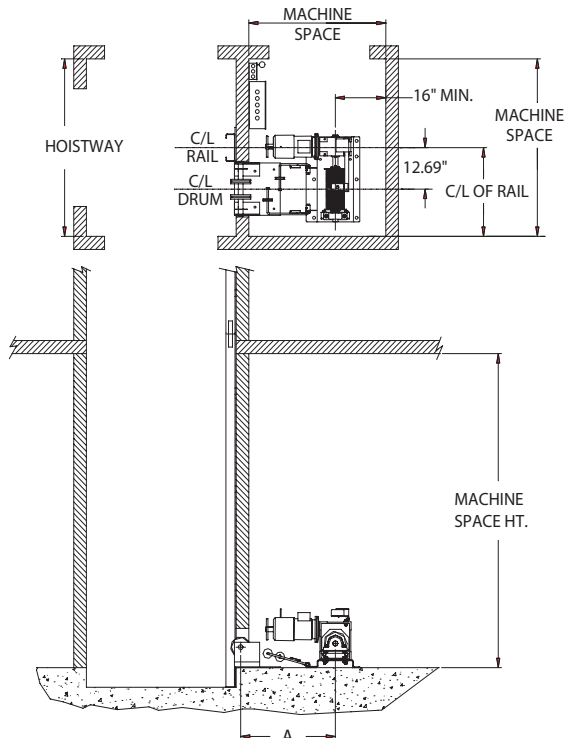
Machine Room - Custom-Lift®

Series 010 & 210 (500 lbs.)

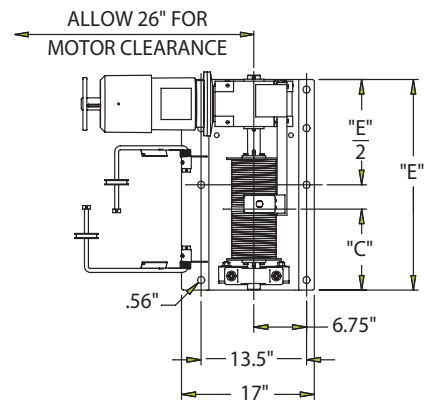
Typical Machine Room Layout (with traveling sheave and machine room behind rail)



1. Fleet angle distance and a drum size will change per job (refer to table below).
2. Concrete floor must be a minimum of 4" thick rated at 3500 psi. If a floating slab is used, it must be tied to the structure.
3. A lockable service disconnect must be placed within sight of the controller and easily accessible from the latch side of the doorway.
4. The temperature should be maintainable between 50° F - 100° F and should not be exposed to the elements.



| TYPICAL TRAVELING SHEAVE ARRANGEMENT | | | | | |
|--------------------------------------|-------|------|--------|-------|-------|
| TRAVEL | <14' | <24' | <32' | <40' | <50' |
| DRUM LENGTH | 8" | 12" | 15" | 18" | 22" |
| DRUM C/L DIST."C" | 8.25" | 10" | 12.25" | 14.5" | 14.5" |
| MACH.BASE "E" | 22" | 26" | 29" | 34" | 34" |
| MINIMUM FOR "A" | 30" | 30" | 30" | 43" | 72" |

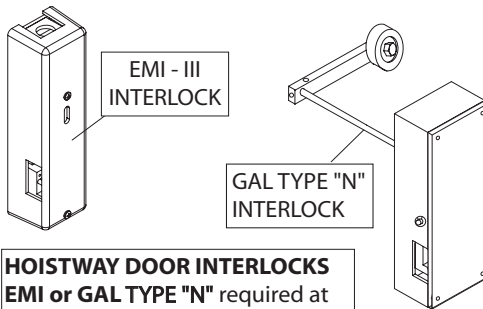
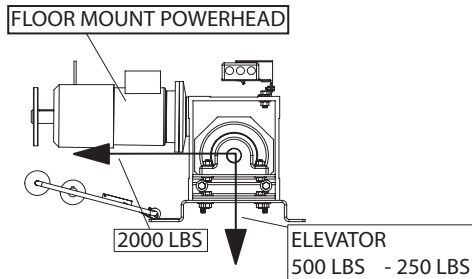


Elevator Equipment - Custom-Lift®

Series 010 & 210 (500 lbs.)

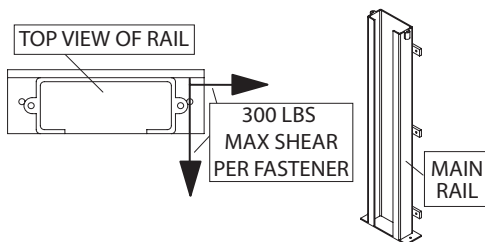
Typical

- Powerhead
- Main Rail
- Gear Box
- Sheaves
- Interlocks
- Motor
- Drum



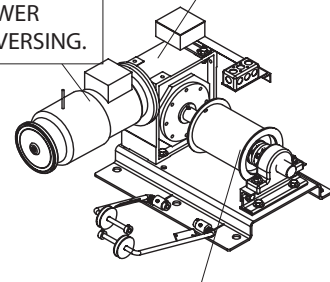
HOISTWAY DOOR INTERLOCKS
EMI or GAL TYPE "N" required at each opening to prevent hoistway or elevator access while elevator is operating or at another landing.

MAIN RAIL - 3/16" thick x 8" wide precision formed steel channel with mounting bracket supports at 30" intervals. Heavy-duty splice bolts are used at all matched, ground, and numbered rail splices for installation.



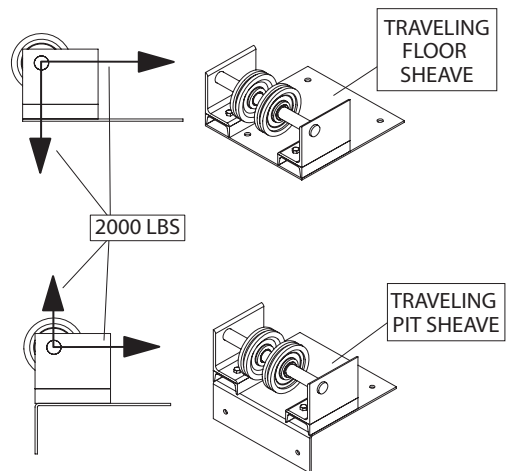
MOTOR - 500 lbs.
I or III PHASE,
2 HORSEPOWER
INSTANT REVERSING.

GEAR BOX - HIGH RATIO, DIRECT MOUNTED AND COUPLED.



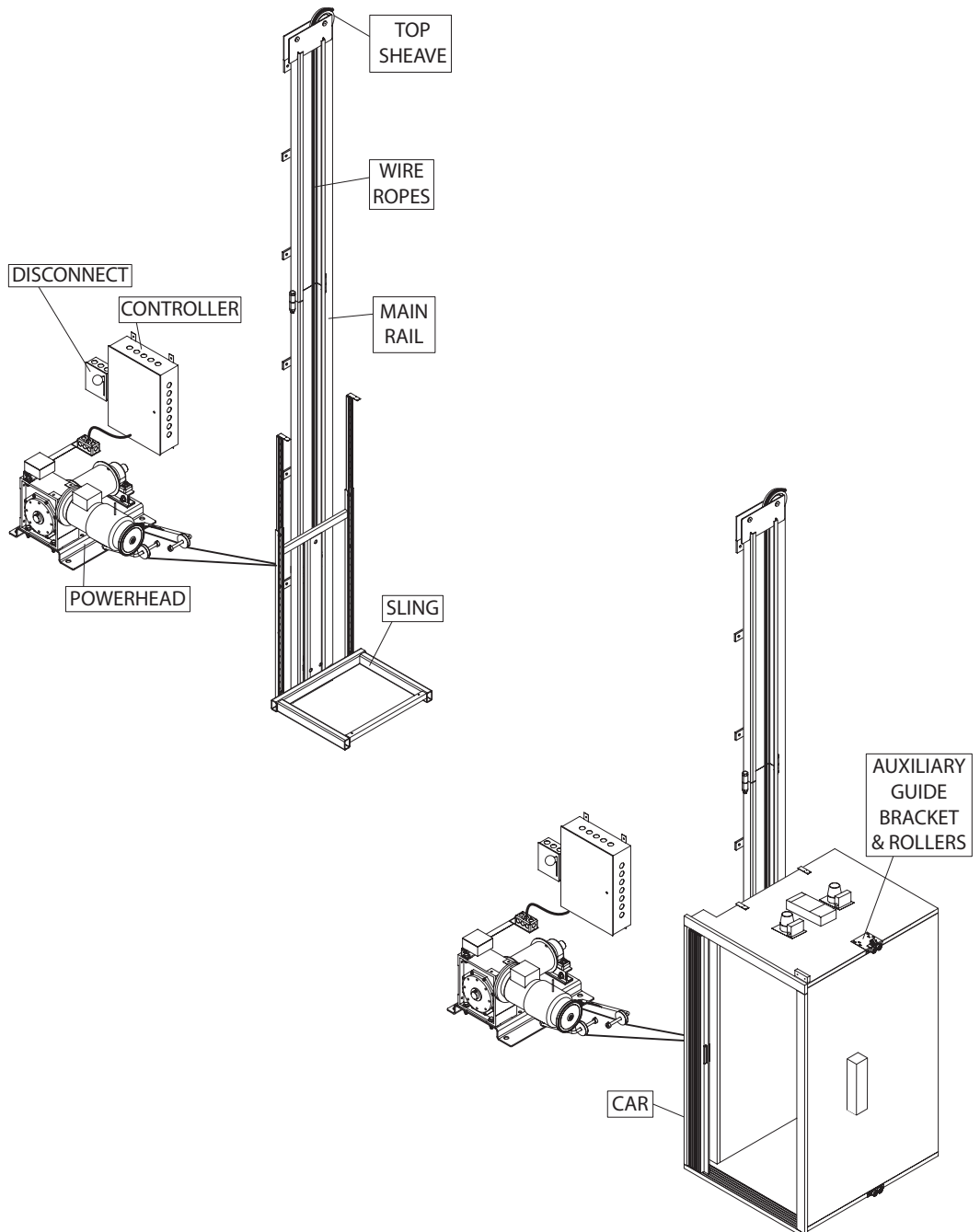
DRUM - SINGLE DRUM WITH OUTBOARD BEARING FOR SUPPORT.

NOTE: THE SHEAVES & ARRANGEMENT WILL BE DETERMINED BY LOCATION OF THE MACHINE ROOM.



Custom-Lift® Elevator

Series 010 & 210 (500 lbs.)



Custom-Lift®

Winding Drum Elevator

Series **008** (1,000 lbs.)
 108 (1,000 lbs.)

Advantages

- Minimum Required Hoistway Space
- Economical
- Sturdy and Reliable

The elevators listed in the following section are based upon our standard 12 sq. ft. car. Cars can be customized up to 15 sq. ft. on the 1,000 lbs. unit.

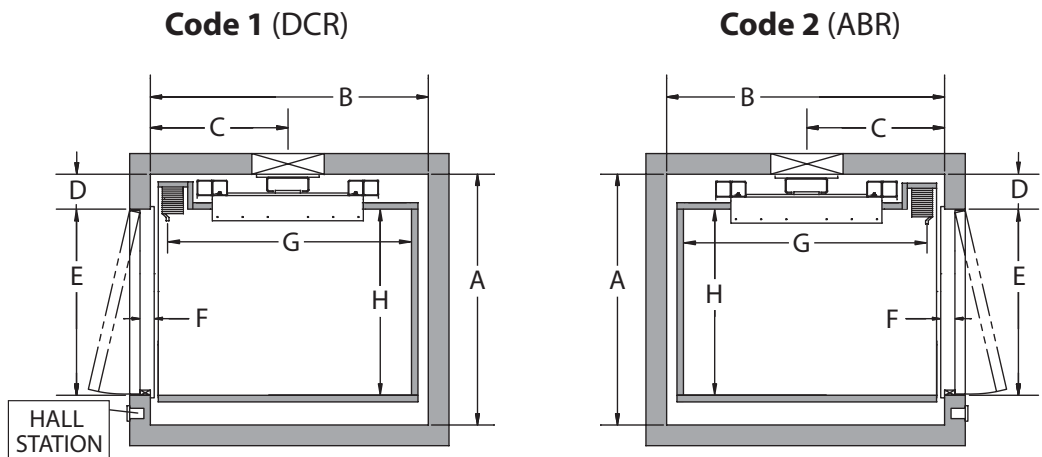


Hoistway Layout - Custom-Lift®

Series 008-108 (1,000 lbs.)

Construction Notes:

- Use specified backing from architect to frame into wall.
- Hoistways below are showing finished dimensions. Finished hoistway dimensions include drywall installation, plaster and paint.
- A maximum of 3" (F) are allowed between the closed hoistway door and the landing sill.
- Determine height of hall station by local code.
- Rough frame door in place with an extra inch of space on each side of the door to later install the door and door trim.



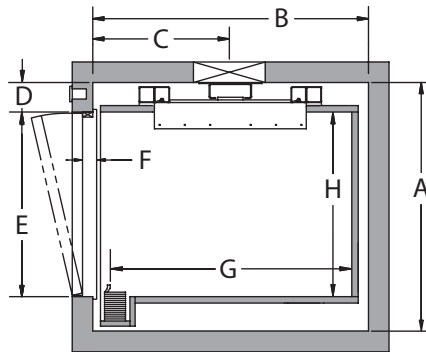
| ELEVATOR HOISTWAY LAYOUT | CAR SIZE | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | |
|--------------------------------|-----------|----------------------------------|-------|--------|------|-----|----|-----|-----|
| | | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 1 (DCR) | 48" x 36" | 47" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 2 (ABR) | 48" x 36" | 47" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |



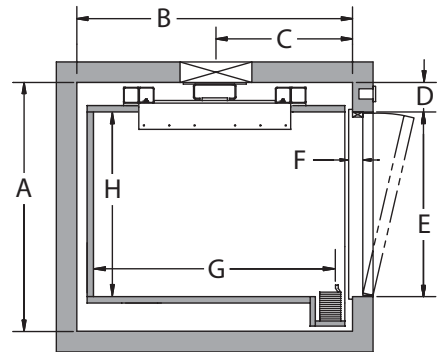
Hoistway Layout - Custom-Lift®

Series 008-108 (1,000 lbs.)

Code 1 (CDR)

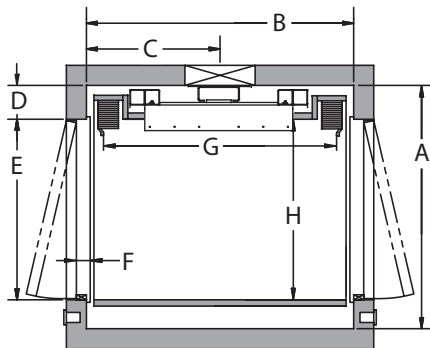


Code 2 (BAR)

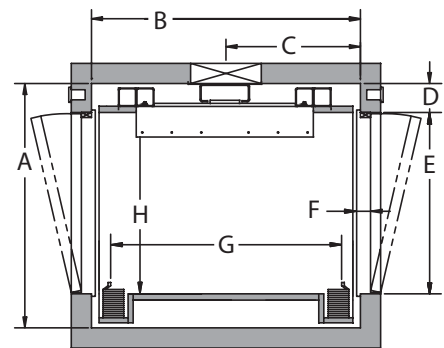


| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-------|--------|------|-----|----|-----|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 1 (CDR) | 48" x 36" | 48" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 2 (BAR) | 48" x 36" | 48" | 54.5" | 27.25" | 5.5" | 36" | 3" | 48" | 36" |

Code 4 (ABR - DCR)



Code 4 (BAR - CDR)



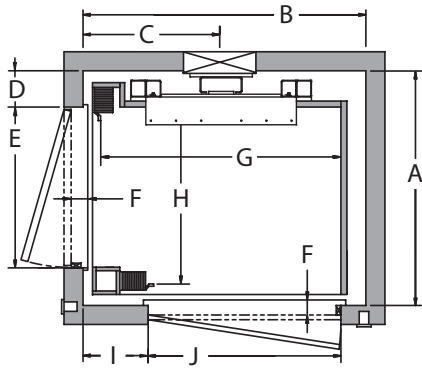
| ELEVATOR HOISTWAY LAYOUT | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | |
|--------------------------------|----------------------------------|------------------------------|-----|--------|------|-----|----|-----|-----|
| | CAR SIZE | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 4 (ABR-DCR) | 48" x 36" | 47" | 55" | 27.50" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 4 (BAR-CDR) | 48" x 36" | 48" | 55" | 27.50" | 5.5" | 36" | 3" | 48" | 36" |



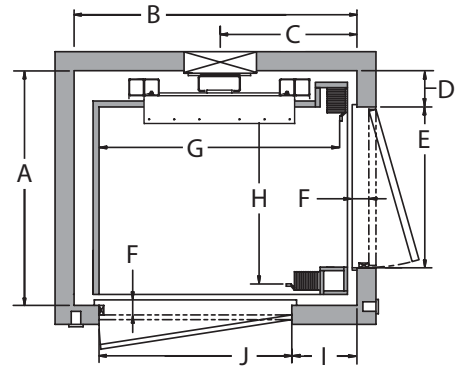
Hoistway Layout - Custom-Lift®

Series 008-108 (1,000 lbs.)

Code 6 (DCR - CB)

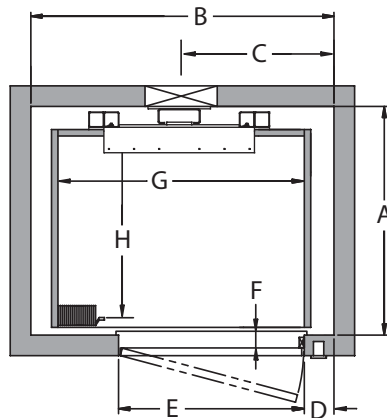


Code 5 (ABR - BC)

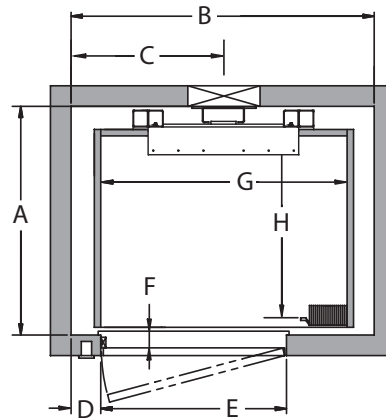


| ELEVATOR HOISTWAY LAYOUT | CAR SIZE | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | | | |
|--------------------------------|-----------|----------------------------------|-------|--------|-------|-----|----|-----|-----|-------|-----|
| | | FINISHED HOISTWAY DIMENSIONS | | | | | | | | | |
| | | A | B | C | D | E | F | G | H | I | J |
| CODE 6 (DCR-CB) | 48" x 36" | 45" | 56.5" | 27.25" | 5.25" | 32" | 3" | 48" | 36" | 15.5" | 36" |
| CODE 5 (ABR-BC) | 48" x 36" | 45" | 56.5" | 27.25" | 5.25" | 32" | 3" | 48" | 36" | 15.5" | 36" |

Code 3 (CB)



Code 3 (BC)



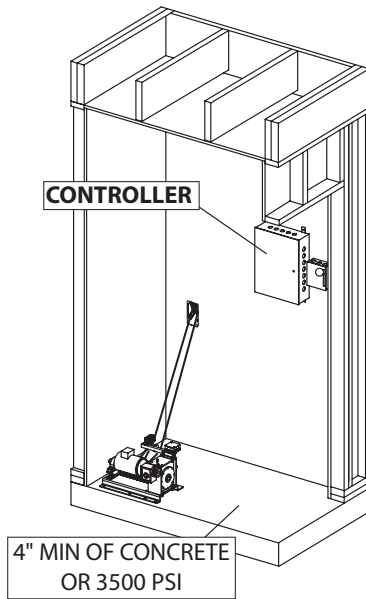
| ELEVATOR HOISTWAY LAYOUT | CAR SIZE | WINDING DRUM HOISTWAY DIMENSIONS | | | | | | | |
|--------------------------------|-----------|----------------------------------|-------|-------|------|-----|----|-----|-----|
| | | FINISHED HOISTWAY DIMENSIONS | | | | | | | |
| | | A | B | C | D | E | F | G | H |
| CODE 3 (CB) | 48" x 36" | 45" | 56.5" | 29.5" | 5.5" | 36" | 3" | 48" | 36" |
| CODE 3 (BC) | 48" x 36" | 45" | 56.5" | 29.5" | 5.5" | 36" | 3" | 48" | 36" |



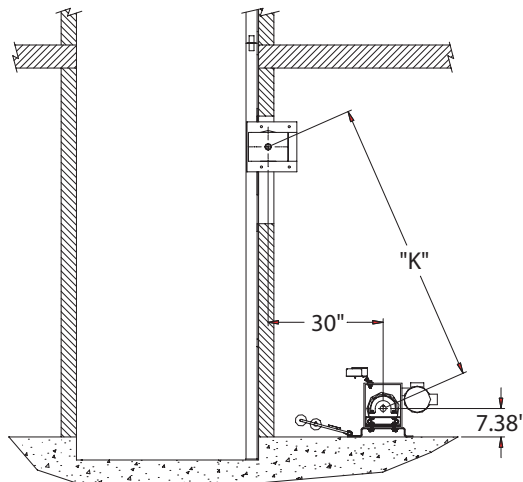
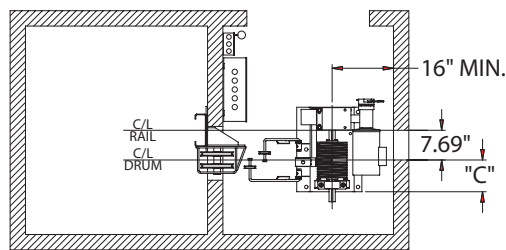
Machine Room - Custom-Lift®

Series 008-108 (1,000 lbs.)

Typical Machine Room Layout (with traveling sheave)



1. Fleet angle distance and drum size will change per job (refer to table below).
2. Concrete floor must be a minimum of 4" thick rated at 3500 PSI. If a floating slab is used, it must be tied to the structure.
3. A lockable service disconnect must be placed within sight of the controller and easily accessible from the latch side of the doorway.
4. The temperature should be maintainable between 60° F - 100° F and should not be exposed to the elements.



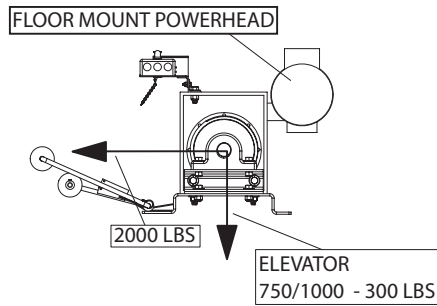
| TYPICAL TRAVELING SHEAVE ARRANGEMENT | | | | | | |
|--------------------------------------|------|-----|-------|------|------|-------|
| TRAVEL (FEET) | <14 | <21 | <28 | <35 | <42 | <50 |
| DRUM LENGTH (INCH) | 9 | 12 | 15 | 18 | 21 | 24 |
| DRUM C/L DIST. "C" (IN) | 8.25 | 10 | 12.25 | 14.5 | 14.5 | 17.75 |
| MACH. BASE (IN) | 22 | 26 | 29 | 34 | 34 | 38 |
| MINIMUM FOR "K" | 29 | 50 | 72 | 93 | 115 | 136 |

Elevator Equipment - Custom-Lift®

Series 008-108 (1,000 lbs.)

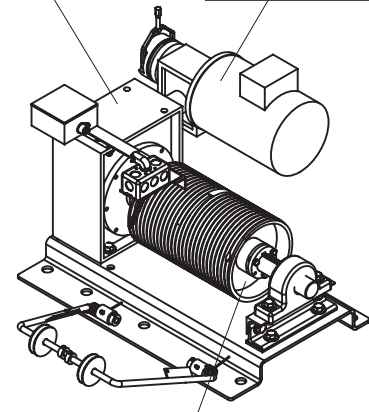
Typical

- Powerhead
- Main Rail
- Gear Box
- Sheaves
- Interlocks
- Motor
- Drum

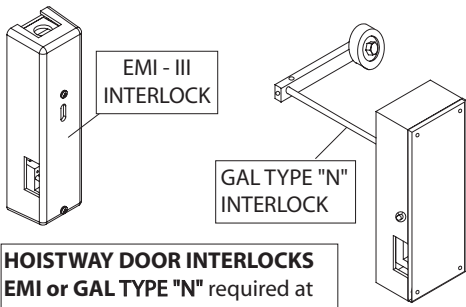


GEAR BOX -
HIGH RATIO,
DIRECT MOUNTED
AND COUPLED.

MOTOR -
750/1,000 lbs.
III PHASE,
3 HORSEPOWER
INSTANT REVERSING.



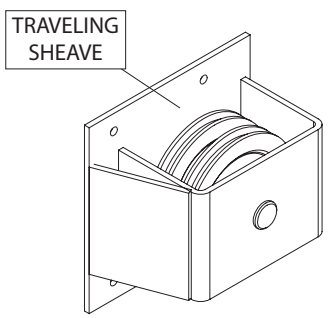
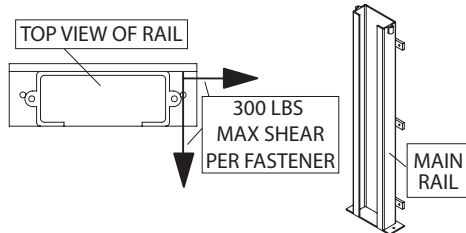
DRUM - SINGLE DRUM WITH
OUTBOARD BEARING FOR SUPPORT.



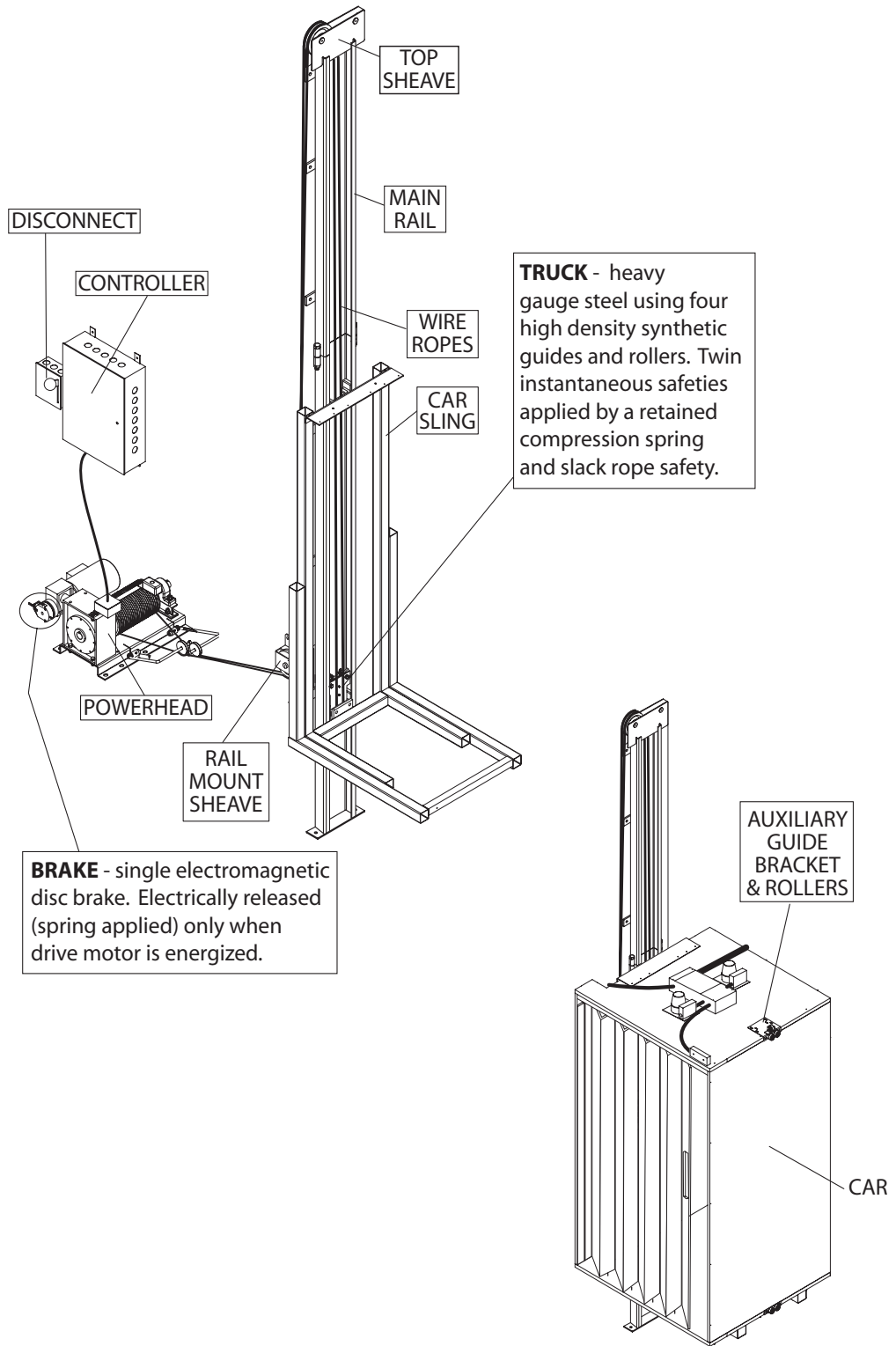
HOISTWAY DOOR INTERLOCKS
EMI or GAL TYPE "N" required at
each opening to prevent hoistway
or elevator access while elevator
is operating or at another landing.

NOTE: THE SHEAVES & ARRANGEMENT WILL BE
DETERMINED BY LOCATION OF THE MACHINE ROOM.

MAIN RAIL - 3/16" thick x 8" wide precision
formed steel channel with mounting bracket
supports at 30" intervals. Heavy-duty splice
bolts are used at all matched, ground, and
numbered rail splices for installation.



Custom-Lift® Elevator Series 008





PMQ0100
APRIL 2006

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