



Warning: Review Before Submittal

- Failure to provide accurate and complete information could result in the following: delayed controller shipment, price change, and incurred engineering charges.
- If a job specification is included you must complete the 'Build to Job Specifications' section on page 3.
- All fixtures must be 24 VDC / 6 Watts Max.
- If a category is not completed, the **default** option will be assumed.

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This document can be edited, saved, and submitted electronically using Adobe Reader.

Job Details

Job Name:
PO #:
Job Location (City & State)

Market Segment:

☐ Federal

☐ Health Care

☐ Education

☐ Hospitality

☐ Financial

☐ Residential

☐ Other

Purchasers Information: (If Packager, Fill in End User Info on Right)

Name:
Title:
Company:
Phone: Fax:
Cell:
Email:

Engineering Contact Information: (If different than above)

Name:
Phone: Fax:
Cell:
Email:

Date Filled Out

End User Information: (For Packager Use Only)

Name:
Title:
Company:
Phone: Fax:
Cell:
Email:

Job Site Address (Address Where Controller(s) Will Be Installed)

Street:
City:
State:
Zip Code:

Building Owner/Manager Information

Name:
Phone:
Email:
Street:
City:
State:
Zip Code:

FULL ELEVATOR SYSTEMS

Should you have a need for complete or partial elevator systems, contact Smartrise Sales for more information.

Smartrise Packager Partners

* Alliance * AVT Beckett * BTS * Canton * CED *
* Delaware Elevator Manufacturing * Dura-Vator *
* EECO * EV Elevator International (EEVI) * Hidral *
* Lift Solutions * MEI * Phoenix Modular *
* SEES - Southern Elevator & Electrical Supply * Triumph Electric*

Shipping Information

Contact Name:
 Phone:
 Contact Fax/Email:

Smartrise Call Prior to Shipping: ☐ Yes ☐ No
 Carrier Call for Delivery Appointment: ☐ Yes ☐ No
 Lift Gate Required: ☐ Yes ☐ No

Freight Terms

Use Smartrise Carrier: ☐ Yes ☐ No
☐ Will Call
☐ Pre-paid

Customer's Carrier Name:
 Carrier's Account Number:
☐ Collect ☐ Third-Party
 Third-Party Billing (Duties & Taxes)

Ship to Name/Company:
 Shipping Address:

Bill To Address:

Shipping Schedule

Controller(s)	Desired Ship Date from Smartrise	Controller(s)	Desired Ship Date from Smartrise
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Note: Desired ship date from Smartrise is not an arrival date.

Additional Shipping Instructions

Pre-wire Fixtures (Must be 24 VDC / 6 Watt Max)

Not Required ☐

Pre-wire COP Boards: ☐ Yes ☐ No (Default)
 Pre-wire Hall Boards: ☐ Yes ☐ No (Default)

Fixture Manufacturer

☐ Dupar ☐ ERM ☐ Monitor ☐ Other
☐ ECC ☐ Innovation ☐ OTIS ☐ PTL
☐ EPCO ☐ MAD ☐ RSL Car Calls ☐ SEES
☐ Elevator Cabs and Surfaces ☐ RSL Hall Calls

Company Name:
 Ship to Address:

Job Reference: Contact Person at Mfg.

Electrical Main Line and Transformer Specification

Main Line Specification:

 Main Line Volts (Transformer required if there is more than a 10% difference between the main line and motor volts)☐ Three Phase (Default)☐ Single Hz (Main Line is 60Hz unless stated otherwise)

Main Line Transformer (If Customer Requires)

☐ Provided by Smartrise☐ Provided By Customer (Customer to provide drawing) Secondary Voltage kVA☐ Data Plate Copy Included

Configuration

☐ Simplex # Cars☐ Group # Cars in Group # of Hall Risers/Group☐ Group Redundancy Swing Riser, Car # ☐ Selective Collective (2 buttons/floor, multiple calls)☐ Non-Selective Collective (1 button/floor, multiple calls)☐ Non-Selective Non-collective (1 button/floor, 1 call at a time)

Build to Job Specifications

Not Required

☐ We will review the spec and will provide a list of exceptions when necessary.☐ Job needs to be built to meet Engineering Specifications in Document provided EXCEPT those listed below (Provide Page/Section & Description of exceptions)

Environmental Considerations

Not Required

☐ Controller Cabinet Air-pressure cooled (Add Vortex)
(Customer to provide Air Compressor)☐ Controller Cabinet Air conditioned cooled (Add A/C Unit) Controller☐ Cabinet Forced Air cooled (Add fan and filter)☐ Arc Flash Protection☐ Special attention to hoistway shaft (Provide details in notes below)☐ Outdoor or Hostile (Industrial Environment) NEMA Rating for Machine Room Controller
Cabinet (If required, Default NEMA 1) NEMA Rating for Top of Car Enclosure
(If required, Default NEMA 1) NEMA For Landing System
(If required, Default NEMA 1)

Connection Package (Run Box)

☐ SmartConnect Package - Recommended
(Pre-Wired Car Top Inspection Box Included)

Car Operating Panel

☐ Single Panel (Default) ☐ Other☐ Dual Panels ☐ Remote Panel

Notes and Special Instructions

ASME 17.1 Elevator Safety Code Compliance

☐ 2019☐ 2016☐ 2013☐ 2010☐ 2007☐ 2004☐ 2000

Additional Local Code

☐ NYC (Appendix K)☐ No Fire Service☐ MASSACHUSETTS

Controller Layout Preference

☐ Standard (MR, CT, and COP) (Default)☐ No Cartop☐ No COP☐ Custom:

We will notify you if the preference chosen cannot be honored

Hydraulic Features
☐ Features for all cars are the same as Car 1)
Failure to provide data will result in delay of controller shipment
Not Applicable
☒

Car	Contract Speed	Capacity	Battery Lowering	Low Pressure, Low Oil, and Oil Temp are all included	Viscosity Control	Adams Life Jacket	Roped	Gov Reset Coil Is		
			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24 VDC	120 VAC
1			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4			<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
								Only if Roped Hydro		

Motor & Valve Data
☐ Data for all cars are the same as car 1)
Failure to provide data will result in delay of controller shipment

Car	# Motor Leads	Motor Volts	FLA	HP		Valve Brand/Model	Valve Volts	# of Valves (1 Standard)	# of Coils (4 Standard)		Dual Jacks		
1													<input type="checkbox"/>
2													<input type="checkbox"/>
3													<input type="checkbox"/>
4													<input type="checkbox"/>

Hydraulic Motor Control Preference

☐ Siemens (Soft Starter) (Default)
☐ Sprecher+Schuh (Soft Starter)
☐ Wye-Delta (via Contactors)
☐ Across the Line (via Contactors)

We will notify your if the preference chosen cannot be honored

Notes and Special Instructions:

Special Features	Not Required <input type="checkbox"/>
<input type="checkbox"/> Remote (2 nd) Fire Key Switch & Lamp	<input type="checkbox"/> Shunt-Trip
<input type="checkbox"/> Earthquake (Includes Buzzer and Lamp)	<input type="checkbox"/> Flood Sensor
<input type="checkbox"/> Car-to-Lobby Key Switch	<input type="checkbox"/> 'S' Button
<input type="checkbox"/> Fan and Light Auto Shutoff Circuit (CT only)	<input type="checkbox"/> Enclosure Legs
<input type="checkbox"/> Machine Room Cabinet Light	
<input type="checkbox"/> Machine Room Cabinet Power Plug	

Special Modes of Operation	Not Required <input type="checkbox"/>
<input type="checkbox"/> Independent Service (Required)	
<input type="checkbox"/> Hoistway Access (Required)	
<input type="checkbox"/> In-Car Inspection Switch (Uses top/bottom car calls)	
<input type="checkbox"/> CT Inspection will not work unless an In-Car Key Switch is active (Access or IC Inspection)	
<input type="checkbox"/> Non-standard	
Medical Emergency Service (Provide floor(s) on page 8) <input type="checkbox"/> Building is a Hospital with keys at every floor <small>In Car Buzzer, In Car Lamp, and Hallway Lamp at each floor are included</small> <input type="checkbox"/> Non-Hospital – Phase 1 key at main level only <small>In Car Buzzer and In Car Lamp are included</small>	
<input type="checkbox"/> Sabbath (Attach spec) <div style="display: flex; align-items: center; margin-top: 5px;"> <input type="checkbox"/> Times <div style="margin: 0 10px;">Start <input style="width: 100px;" type="text"/></div> <div style="margin: 0 10px;">End <input style="width: 100px;" type="text"/></div> </div> <input type="checkbox"/> Key Switch	
<input type="checkbox"/> Patient Security	

Attendant Service	Not Required <input type="checkbox"/>
<input type="checkbox"/> Attendant Service (Is NOT Independent Service) <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> In Car Buzzer <input type="checkbox"/> In Car Lamp </div> <div style="margin-top: 5px;"> Choose 1: <input type="checkbox"/> Hall Call Above/Below Lamps (Default) <input type="checkbox"/> Non-directional (All hall call lamps) <input type="checkbox"/> Other: _____ </div>	

Emergency Power (If generator can not run all cars)	Not Required <input type="checkbox"/>
E.P. Contact from Generator is <input type="checkbox"/> Normally Open <input type="checkbox"/> Normally Closed	
Power Pre-Transfer Contact from Generator is <input type="checkbox"/> Normally Open (Default) <input type="checkbox"/> Normally Closed <input type="checkbox"/> Not Present	
<input type="checkbox"/> Emergency Power Car Selector Switch <input type="checkbox"/> Single Car Selection (Default) <input type="checkbox"/> Multiple Car Selection (Provide details below)	
<input style="width: 50px;" type="text"/> Number of cars the generator can operate simultaneously <small>(Default value is 1 car)</small>	
<input type="checkbox"/> Generator powers other Simplex/Groups	

Car Call Security (Specify floors on page 8)	Not Required <input type="checkbox"/>
<input type="checkbox"/> Using COP Floor Buttons as Code Entry	
<input type="checkbox"/> Using Dry Contacts from Card Readers and/or Key Switches <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> Input in Car Station (Default) <input type="checkbox"/> Input in Machine Room </div>	
<input type="checkbox"/> Override Security When on Independent Service or Attendant Service	
<input type="checkbox"/> Provide a Car Call Security Override Input <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> Input in Car Station (Default) <input type="checkbox"/> Input in Machine Room </div>	
<input type="checkbox"/> Door Open Button Functions on Secured Landings	
Other Considerations <div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>	

Hall Call Security	Not Required <input type="checkbox"/>
<input type="checkbox"/> Provide Enable/Disable all Hall Calls Input (Simplex)	
<input type="checkbox"/> Provide a Hall Call Security Override Input (Per floor) <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input type="checkbox"/> Dry Contacts in Hall Fixtures (Default) <input type="checkbox"/> Signals in Machine Room </div>	
Other Considerations <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div>	

Controller Monitoring System	Not Required <input type="checkbox"/>
<u>Designed and Manufactured by Smartrise Engineering</u> <input type="checkbox"/> Machine Room Monitoring <input type="checkbox"/> Local Monitoring (Lobby/Engineering/Management) <input type="checkbox"/> Remote Monitoring (Cloud) – Requires Internet Connection	
<u>Designed and Manufactured by Integrated Display Systems</u> <input type="checkbox"/> Lift-Net with USB RS-422 Interface (Serial) <input type="checkbox"/> Lift-Net with Moxa Unit Interface (Ethernet / LAN)	
<u>Designed and Manufactured by Kings III of America</u> <input type="checkbox"/> ORM (Interface only)	
<input type="checkbox"/> BACnet	

Custom Traveler and Hoistway Cable (Purchase from Smartrise)

Draka: ☐ By Draka ☐ By SEESJames Monroe: ☐ Triumph Electric NY ☐ CEDNot Required ☐

	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Traveler Cable #1	Traveler Cable #2	Traveler Cable #3	Traveler Cable #4	Traveler Cable #5
CUSTOM LABELING	Yes	Yes	Yes	No	No
# OF CONDUCTORS	26	33	43	27	69
CORE	Jute	Steel	Steel	Jute	Steel
DIAMETER	1.040"	1.190"	1.370"	0.940"	1.570"
# OF 14 AWG	4	4	4	3	5
# OF 18 AWG	14	20	23	20	40
# OF 20 AWG SHIELD	4	4	7	2	11
COAXIAL (RC/6U)	0	1	2	0	2
APPROVALS/BOTH	UL Type ETT, NEC Compliant, CSA Type ETT, CSA FT1				

Length of Cable(s)
Per Car (in feet)

Car 1
Car 2
Car 3
Car 4
Car 5
Car 6

☐

Hoistway Cable

Yes
21
N/A
0.640"
0
21
0
0
UL & CSA Hoistway NEC Compliant

All Fixtures must be 24 VDC / 6 Watts Max.

In Car Position Indicator

Not Required ☐

- ☐ CE Micro Com (Default) ☐ Discrete Signals (One line per floor)
- ☐ Emotive 3-Wire ☐ Discrete Signals (Binary)
- ☐ MAD (Giotto) ☐ RSL ☐ MWSF: Hands Free

Other: _____

In Car Arrival Lantern

Not Required ☐

- ☐ CE Micro Com (Default) ☐ Discrete Signals
- ☐ Emotive 3-Wire Bulb/Chime wattage (If discrete):
- ☐ MAD (Giotto) ☐ RSL

Other: _____

In Car Passing Chime

Not Required ☐

- ☐ CE Micro Com (Default) ☐ Discrete Signal ☐ RSL
- ☐ Emotive 3-Wire Bulb/Chime wattage (If discrete):

In Car Voice Annunciator

Not Required ☐

- ☐ CE Micro Com Interface Only ☐ Emotive 3-Wire Interface Only ☐ Speaker is Remote
- ☐ RSL

Other: _____

In Hall Position Indicator

Not Required ☐

- ☐ CE Micro Com (Default) ☐ Discrete Signals (One line per floor)
- ☐ Emotive 3-Wire ☐ Discrete Signals (Binary)
- ☐ EX-51 (Interface only) ☐ RSL ☐ MAD (Giotto)
- ☐ # of Floors with Hall Position Indicators ☐ MWSF: Hands Free

Other: _____

In Hall Arrival Lanterns

Not Required ☐

- ☐ First Floor Only (Discrete) ☐ CE Micro Com Lanterns (Type: SA130M Req.)
- ☐ All Floors (Smartrise Hall Boards) ☐ Emotive 3-Wire
- ☐ EX-51/EX31 (Interface only) ☐ RSL
- ☐ If Lamps/Gongs are not 24 VDC / 6 Watt (Explain below)

Lobby Panel

Not Required ☐

- ☐ Door Open Lamp ☐ In Use Lamp
- ☐ On Independent Svc. Lamp ☐ In Service Lamp
- ☐ Emergency Power Lamp

Other Requirements

Car Door

Door Type 1	Use this door for all cars, or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R

Hall Door Type

☐ Auto Passenger (Default)☐ Powered Freight (See * below)☐ Manual☐ Other

Select Door Operator

<input type="checkbox"/>	Abell	ATS 0090	Field "EZ"
<input type="checkbox"/>	GAL	MODCTL	24 VDC interface relays
<input type="checkbox"/>	GAL	MOD	L, G, or X
<input type="checkbox"/>	GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface board
<input type="checkbox"/>	Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VDC Interface Glide A (Discrete)
<input type="checkbox"/>	Otis	AT-400/Glide P	Multi-Drop (Serial)
<input type="checkbox"/>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/>	TKE	Dover HD-73	Type D/I/O
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/>	None		Manual Car Gate
<input type="checkbox"/>	Peelle	Wireless	*Input Freight/door information at bottom
<input type="checkbox"/>	Courion	ILearn	
<input type="checkbox"/>	EMS		
<input type="checkbox"/>	Other		*Input Other door information at bottom

☐ **Door Protection**

☐ Photo Eye/Light Curtain (Default)☐ Mechanical Safety Edge☐ Door Hold Button

☐ **Cam**

☐ Mechanical☐ DC☐ AC (3-Phase)☐ AC (Single Phase)

Volts

Amps

☐ **Gate Release**

☐ DC☐ AC (3-Phase)☐ AC (Single Phase)

Volts

Amps

Other Door Considerations

Door Type 2	Use this door for all cars, or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R	<input type="checkbox"/> F <input type="checkbox"/> R

Hall Door Type

☐ Auto Passenger (Default)☐ Powered Freight (See * below)☐ Manual☐ Other

Select Door Operator

<input type="checkbox"/>	Abell	ATS 0090	Field "EZ"
<input type="checkbox"/>	GAL	MODCTL	24 VDC interface relays
<input type="checkbox"/>	GAL	MOD	L, G, or X
<input type="checkbox"/>	GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface board
<input type="checkbox"/>	Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VDC Interface Glide A (Discrete)
<input type="checkbox"/>	Otis	AT-400/Glide P	Multi-Drop (Serial)
<input type="checkbox"/>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/>	TKE	Dover HD-73	Type D/I/O
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/>	None		Manual Car Gate
<input type="checkbox"/>	Peelle	Wireless	*Input Freight/door information at bottom
<input type="checkbox"/>	Courion	ILearn	
<input type="checkbox"/>	EMS		
<input type="checkbox"/>	Other		*Input Other door information at bottom

☐ **Door Protection**

☐ Photo Eye/Light Curtain (Default)☐ Mechanical Safety Edge☐ Door Hold Button

☐ **Cam**

☐ Mechanical☐ DC☐ AC (3-Phase)☐ AC (Single Phase)

Volts

Amps

☐ **Gate Release**

☐ DC☐ AC (3-Phase)☐ AC (Single Phase)

Volts

Amps

Other Door Considerations

* Freight/Other Door Operator Info

Manufacturer	
Model	
Reference #'s	
Job Prints from Door Manufacturer are Required	

Notes and Special Instructions:

--

Floor Information			Floor Openings				Car Call Security				Hall Call Security				Hosp	
	Floor Label	Floor Height	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4		
			F R	F R	F R	F R	F R	F R	F R	F R	F R	F R	F R	F R	F R	
<p>We will default to the lobby landing and the landing above for main and alternate fire floor respectively.</p> <div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div> <div><p>Overhead -> (Default 13ft)</p><p>Pit -> (Default 4ft)</p><p>Main Fire/Lobby Floor</p><p>Alt Fire Floor</p><p>EMT/Flood Floor</p></div>	15															
	14															
	13															
	12															
	11															
	10															
	9															
	8															
	7															
	6															
	5															
	4															
	3															
	2															
	1															
	Default Pit labels		Pit				Pit				Pit				Pit	
			<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>				<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>				<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>					

If mixed F/R please select boxes above.

☐ Include Hall Network CAT5 package
Controller (MR) to Hall Network (Hoistway) CAT5 Cable Length ☐ 25 ft (Default) ☐ 50 ft ☐ 100 ft

Hoistway Considerations

☐ Ambient Light Present in Hoistway
☐ Corner Post Rails

Total Hoistway Height (ft)

Car 1	
Car 2	
Car 3	
Car 4	

☐ All cars same as Car 1

Walkthrough Only: Top
Location of Hoistway Up/Dn Switch Car#s

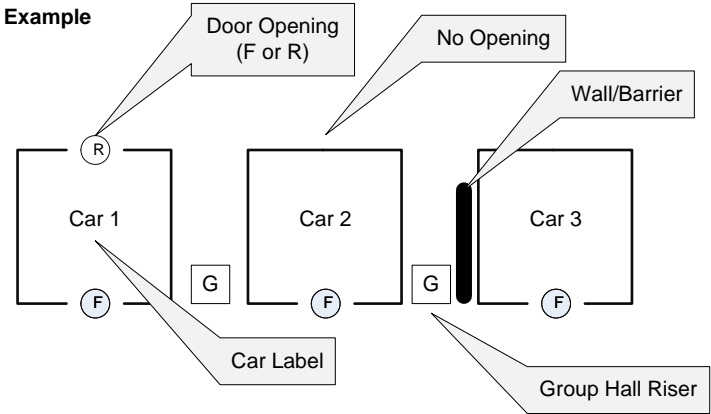
Walkthrough Only: Bottom
Location of Hoistway Up/Dn Switch Car#s

Overlay with Existing Equipment

☐ Cross Registration System
When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.
Important: Provide Physical Layout on Sheet 9

Notes and Special Instructions:

Elevator(s) Physical Layout



Draw a topographical map of elevator(s) location on grid provided.

- * Accurately label each car by number/letter
- * Mark openings: F (front) or R (rear)
- * Label risers as:
 - G = Group Riser
 - I = Inconspicuous Riser
 - H = Hospital Service Riser
- * Draw in walls/barriers (heavy line)

Notes/Special Considerations