



### 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 Specification' 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.

Hydraulic - Table of Contents	
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5. Features and Functions	

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

Job Details	
Job Name: <input type="text"/>	Market Segment: <input type="checkbox"/> Financial
PO #: <input type="text"/>	<input type="checkbox"/> Federal <input type="checkbox"/> Health Care <input type="checkbox"/> Residential
Job Location (City & State) <input type="text"/>	<input type="checkbox"/> Education <input type="checkbox"/> Hospitality <input type="checkbox"/> Other

Purchasers Information: (If Packager, Fill in End User Info on Right)	
Name: <input type="text"/>	
Title: <input type="text"/>	
Company: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	
<b>Engineering Contact Information: (If different than above)</b>	
Name: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	
<input type="text"/> Date Filled Out	

End User Information: (For Packager Use Only)	
Name: <input type="text"/>	
Title: <input type="text"/>	
Company: <input type="text"/>	
Phone: <input type="text"/>	Fax: <input type="text"/>
Cell: <input type="text"/>	
Email: <input type="text"/>	

Job Site Address: (Address Where Controller(s) Will Be Installed)	
Street: <input type="text"/>	
City: <input type="text"/>	
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Building Owner/Manager Information	
Name: <input type="text"/>	
Phone: <input type="text"/>	
Email: <input type="text"/>	
Street: <input type="text"/>	
City: <input type="text"/>	
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Shipping Information	
Contact Name: <input style="width: 95%;" type="text"/> Phone: <input style="width: 80%;" type="text"/> <input style="width: 20%;" type="text"/> Contact Fax/Email: <input style="width: 95%;" type="text"/>	
Smartrise Call Prior to Shipping: <input type="checkbox"/> Yes <input type="checkbox"/> No Carrier Call for Delivery Appointment: <input type="checkbox"/> Yes <input type="checkbox"/> No Lift Gate Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Freight Terms</b> Use Smartrise Carrier: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Will Call <input type="checkbox"/> Pre-paid	Customer's Carrier Name: <input style="width: 95%;" type="text"/> Carrier's Account Number: <input style="width: 95%;" type="text"/> <input type="checkbox"/> Collect <input type="checkbox"/> Third-Party Third-Party Billing (Duties & Taxes) <input style="width: 95%;" type="text"/>
Ship to Name/Company: <input style="width: 95%;" type="text"/> Shipping Address: <input style="width: 95%; height: 40px;" type="text"/>	Bill To Address: <input style="width: 95%; height: 40px;" type="text"/>

Shipping Schedule			
Controller(s)	Desired Ship Date from Smartrise	Controller(s)	Desired Ship Date from Smartrise
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>
<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" type="text"/>	<input style="width: 95%; height: 20px;" 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 <input type="checkbox"/>
Pre-wire COP Boards: <input type="checkbox"/> Yes <input type="checkbox"/> No (Default) Pre-wire Hall Boards: <input type="checkbox"/> Yes <input type="checkbox"/> No (Default)		
<b>Fixture Manufacturer</b> <input type="checkbox"/> Dupar <input type="checkbox"/> ERM <input type="checkbox"/> Monitor <input type="checkbox"/> Other <input type="checkbox"/> ECC <input type="checkbox"/> Innovation <input type="checkbox"/> PTL <input type="checkbox"/> EPCO <input type="checkbox"/> MAD <input type="checkbox"/> SEES <input type="checkbox"/> Elevator Cabs and Surfaces	Company Name: <input style="width: 95%;" type="text"/> Ship to Address: <input style="width: 95%; height: 40px;" type="text"/>	
Job Reference: <input style="width: 95%;" type="text"/>	Contact Person at Mfg. <input style="width: 95%;" type="text"/>	

Electrical Main Line and Transformer Specification	
<b>Main Line Specification:</b>	
<input type="text"/>	Main Line Volts (Transformer required if there is more than a 10% difference between the main line and motor volts)
<input type="checkbox"/>	Three Phase (Default)
<input type="text"/> VAC	L1 to GND
<input type="text"/> VAC	L2 to GND
<input type="text"/> VAC	L3 to GND
<input type="checkbox"/>	Single Phase
<input type="text"/>	Hz (Main Line is 60Hz unless otherwise stated)
<b>Main Line Transformer (If Customer Requires)</b>	
<input type="checkbox"/>	Provided by Smartrise(Aluminum Isolation Transformers are standard)
<input type="checkbox"/>	Provided By Customer (Customer to provide drawing)
<input type="text"/>	Secondary Voltage
<input type="text"/>	kVA
<input type="checkbox"/>	Data Plate Copy Included

Environmental Considerations	Not Required <input type="checkbox"/>
<input type="checkbox"/>	Controller Cabinet Air-pressure cooled (Add Vortex) <small>(Customer to provide Air Compressor)</small>
<input type="checkbox"/>	Controller Cabinet Air conditioned cooled (Add A/C Unit) Controller
<input type="checkbox"/>	Cabinet Forced Air cooled (Add fan and filter)
<input type="checkbox"/>	Arc Flash Protection
<input type="checkbox"/>	Special attention to hoistway shaft (Provide details in notes below)
<input type="checkbox"/>	Outdoor or Hostile (Industrial Environment)
Machine Room Controller Cabinet NEMA Rating:	
<input type="checkbox"/>	1 (Default)
<input type="checkbox"/>	4
<input type="checkbox"/>	4X
<input type="checkbox"/>	7
<input type="checkbox"/>	12
Top of Car Enclosure NEMA Rating:	
<input type="checkbox"/>	1 (Default)
<input type="checkbox"/>	4
<input type="checkbox"/>	4X
<input type="checkbox"/>	7
<input type="checkbox"/>	12
Landing System NEMA Rating:	
<input type="checkbox"/>	1 (Default)
<input type="checkbox"/>	4
<input type="checkbox"/>	4X
<input type="checkbox"/>	7
<input type="checkbox"/>	12
<b>*NEMA 4/4X requires ELGO Landing System</b>	

Car Operating Panel	
<input type="checkbox"/>	Single Panel (Default)
<input type="checkbox"/>	Dual Panels
<input type="checkbox"/>	Remote COP (Discrete in M/R)
Is the CE Elite Touch Screen required?	
<input type="checkbox"/>	Yes
<input type="checkbox"/>	No
<small>*NOTE: CE should provide CE3868 board</small>	

Notes and Special Instructions

Configuration	
<input type="checkbox"/>	Simplex
<input type="text"/>	# Cars
<input type="checkbox"/>	Group
<input type="text"/>	# Cars in Group
<input type="text"/>	# of Hall Risers/Group
<input type="checkbox"/>	Swing Riser, Car #
<input type="checkbox"/>	Selective Collective (2 buttons/floor, multiple calls) (Default)
<input type="checkbox"/>	Non-Selective Collective (1 button/floor, multiple calls)
<input type="checkbox"/>	Non-Selective Non-collective (1 button/floor, 1 call at a time)
Other: _____	

Build to Job Specifications	Not Required <input type="checkbox"/>
<input type="checkbox"/>	We will review the spec and provide a list of exceptions, when necessary
<input type="checkbox"/>	Job needs to be built to meet Engineering Specifications in Document provided EXCEPT those listed below (Provide page/section and description of exceptions)

ASME 17.1 Elevator Safety Code Compliance	
<input type="checkbox"/>	2022
<input type="checkbox"/>	2019
<input type="checkbox"/>	2016
<input type="checkbox"/>	2013
<input type="checkbox"/>	2010
<input type="checkbox"/>	2007
<input type="checkbox"/>	2004
<input type="checkbox"/>	2000
Additional Local Code	
<input type="checkbox"/>	NYC (Appendix K)
<input type="checkbox"/>	No Fire Service
<input type="checkbox"/>	Detroit
<input type="checkbox"/>	Massachusetts
<input type="checkbox"/>	Ontario
<input type="checkbox"/>	Florida

Connection Package (Run Box)	
<input type="checkbox"/>	SmartConnect Package – Recommended (Pre-Wired Car Top Inspection Box included)
<input type="checkbox"/>	with Pendant Light
<input type="checkbox"/>	with Switch Guards

**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	Brown Out Reset	Dual Jacks	Viscosity Control	Adams Life Jacket	Roped	GOV Reset Coil Is		Governor is Manually Reset
									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"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Low Pressure, Low Oil, and Oil Temp are all included.

Only if Roped Hydro

**Motor & Valve Data**  Data for all cars is 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 Motors			# of Valves			# of Coils per Valve (4 Standard)
							<input type="checkbox"/> 1 <small>(Default)</small>	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> Single <small>(Default)</small>	<input type="checkbox"/> Dual	<input type="checkbox"/> Other	
1							<input type="checkbox"/> 1 <small>(Default)</small>	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> Single <small>(Default)</small>	<input type="checkbox"/> Dual	<input type="checkbox"/> Other	
2							<input type="checkbox"/> 1 <small>(Default)</small>	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> Single <small>(Default)</small>	<input type="checkbox"/> Dual	<input type="checkbox"/> Other	
3							<input type="checkbox"/> 1 <small>(Default)</small>	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> Single <small>(Default)</small>	<input type="checkbox"/> Dual	<input type="checkbox"/> Other	
4							<input type="checkbox"/> 1 <small>(Default)</small>	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> Single <small>(Default)</small>	<input type="checkbox"/> Dual	<input type="checkbox"/> Other	

**Load Weighing** Not Required

Load Weigher Provided By

Smartise   
  Customer   
  Overload Lamp  
 Anti-Nuisance

**Hydraulic Motor Control Preference**

Sprecher+Schuh (Soft Starter)

Siemens (Soft Starter)     
  First Available Soft Starter  
(Default)

Wye-Delta (via Contactors)     
  First Available Contactors

Across the Line (via Contactors)

We will notify you if the preference chosen cannot be honored

Notes and Special Instructions:

<b>Special Features</b>		Not Required <input type="checkbox"/>
<input type="checkbox"/> Remote (2 <sup>nd</sup> ) Fire Key Switch & Lamp	<input type="checkbox"/> Shunt-Trip	
<input type="checkbox"/> Earthquake <small>(Includes Buzzer and Lamp)</small>	<input type="checkbox"/> Flood Sensor	
<input type="checkbox"/> Car-to-Lobby Key Switch	Specify Flood Floor (Label): <input style="width: 50px;" type="text"/>	
<input type="checkbox"/> Fan and Light Auto Shutoff Circuit <small>(CT only)</small>	<input type="checkbox"/> 'S' Button	
<input type="checkbox"/> Machine Room Cabinet Power Plug	<input type="checkbox"/> Machine Room Cabinet Light	
<input type="checkbox"/> Inching Operation	<input type="checkbox"/> Enclosure Legs	

<b>Special Modes of Operation</b>		Not Required <input type="checkbox"/>
<input type="checkbox"/> Independent Service (Default)		
Hoistway Access <input type="checkbox"/> Yes (Default) <input type="checkbox"/> No		
<input type="checkbox"/> In-Car Inspection Switch		
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)		
<input type="checkbox"/> Times		
Start <input style="width: 50px;" type="text"/> End <input style="width: 50px;" type="text"/>		
<input type="checkbox"/> Key Switch		
<input type="checkbox"/> Patient Security		
Specify Patient Security Floors (Labels): <input style="width: 150px;" type="text"/>		

<b>Controller Monitoring System</b>		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		

<b>Monitoring Viewing Devices</b>		Not Required <input type="checkbox"/>
<b>All in On Computer</b>		
Lenovo AIO 1 Series	<input type="checkbox"/> 24"	<input type="checkbox"/> 27"
<b>Tablet</b>		
Lenovo M Series	<input type="checkbox"/> 8"	<input type="checkbox"/> 11"
<b>Notebook</b>		
Lenovo Idea Pad	<input type="checkbox"/> 15"	

<b>Car Call Security (Specify floors on page 8)</b>		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		
<input type="checkbox"/> Input in Car Station (Default) <input type="checkbox"/> Inputs in Machine Room		
<input type="checkbox"/> Override Security When on Independent Service or Attendant Serviced		
<input type="checkbox"/> Provide a Car Call Security Override Input		
<input type="checkbox"/> Input in Car Station <input type="checkbox"/> Input in Machine Room		
<input type="checkbox"/> Door Open Functions on Secured Landings		
<b>Notes</b>		

<b>Hall Call Security</b>		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)		
<input type="checkbox"/> Dry Contacts in Hall Fixtures (Default) <input type="checkbox"/> Signal in Machine Room		

<b>Attendant Service</b>		Not Required <input type="checkbox"/>
<input type="checkbox"/> Attendant Service (Is NOT Independent Service)		
<input type="checkbox"/> In Car Buzzer <input type="checkbox"/> In Car Lamp		
Choose 1: <input type="checkbox"/> Hall Call Above/Below Lamps (Default)		
<input type="checkbox"/> Non-Directional All Hall Call Lamps <small>Requires Discrete Connection from CT to COP Panel Per Landing</small>		
Other: _____		

<b>Emergency Power (If Generator Cannot Run All Cars)</b>		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		
This section applies to the sequencing of elevators when a combination of multiple machine room, groups and simplexes are in the same building.		
Number of cars the generator can power <i>simultaneously</i> : <input style="width: 50px;" type="text"/>		
Answer the below only if this generator powers other cars (not included in this job):		
Number of Smartrise Cars: <input style="width: 50px;" type="text"/> Simplexes <input style="width: 50px;" type="text"/> Groups		
* Provide Smartrise Job Numbers: <input style="width: 150px;" type="text"/>		

• **Traveler and Hoistway Cable (Purchase from Smartrise)**

Not Required <input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<b>Traveler Cable #1</b>	<b>Traveler Cable #2</b>	<b>Traveler Cable #5</b>
<b># OF CONDUCTORS</b>	19	31	69
<b>CORE</b>	Steel	Steel	Steel
<b>DIAMETER</b>	0.90"	1.36"	1.570"
<b># OF 14 AWG</b>	4	4	5
<b># OF 18 AWG</b>	7	14	40
<b># OF 20 AWG SHIELD</b>	4 Pair	6 Pair	11 Pair
<b>COAXIAL (RC/6U)</b>	No	1	2
<b>APPROVALS/BOTH</b>	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	

	<b>Hoistway Cable</b>
	26
	N/A
	0.55"
	0
	26
	0
	0
	No

• **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)

MWSF: Hands Free  Discrete Signals (Binary)

VIDATECH (CAN)  MAD (CAN)

Other: \_\_\_\_\_

**In Hall Position Indicator** Not Required

CE Micro Com (Default)  Discrete Signals (One line per floor)

VIDATECH (CAN)  Discrete Signals (Binary)

# of Floors with Hall Position Indicators  MAD (CAN)

MWSF: Hands Free

Other: \_\_\_\_\_

**In Car Arrival Lantern** Not Required

CE Micro Com (Default)  Discrete Signals

MAD (CAN) Bulb/Chime wattage (If discrete):

Other: \_\_\_\_\_

**In Hall Arrival Lanterns** Not Required

First Floor Only (Discrete)  CE Micro Com Lanterns (Type: SA130M Req.)

All Floors (Smartrise Hall Boards)

If Lamps/Gongs are not 24 VDC / 6 Watt (Explain below)

**In Car Passing Chime** Not Required

CE Micro Com (Default)  Discrete Signal

Bulb/Chime wattage (If discrete):

**Lobby Panel** Not Required

Door Open Lamp  In Use Lamp

On Independent Svc. Lamp  In Service Lamp

Out of Service Lamp  Normal Power Lamp

Battery Lowering Lamp  At Recall Lamp

Emergency Power Lamp

Other Requirements

<b>Front Door Type</b>	Use this door for all cars or specify which cars use it				
	All <input type="checkbox"/>	Car 1 <input type="checkbox"/>	Car 2 <input type="checkbox"/>	Car 3 <input type="checkbox"/>	Car 4 <input type="checkbox"/>
<b>Hall Door Type</b>					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual					
<b>Car Door Type</b>					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual (See + below) <input type="checkbox"/> Powered Freight (See + below)					
<b>Select Door Operator</b>					
<input type="checkbox"/>	Abell	ATS 0090	Field "EZ"		
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator		
<input type="checkbox"/>	GAL	MODCTL	24 VDC Interface Relays		
<input type="checkbox"/>	GAL	MOD	(L, G, or X) Motor Armature Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	GAL	MOVFEE	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC Model #: <input type="checkbox"/> 1.5 <input type="checkbox"/> 2.0		
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface Board		
<input type="checkbox"/>	Kone	PMSSC	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC 104 or 105D Interface Board		
<input type="checkbox"/>	Otis	AT400	120 VDC (Discrete Only & Power Supply by Smartrise)		
<input type="checkbox"/>	Otis	Glide A	220 VAC (Discrete Only)		
<input type="checkbox"/>	Otis	Glide P	220 VAC (Discrete Only)		
<input type="checkbox"/>	SEES	Smooth Operator	Input Voltage: <input type="checkbox"/> 220 VAC <input type="checkbox"/> 110 VAC		
<input type="checkbox"/>	TKE	Dover HD-03	Input Voltage: <input style="width:50px;" type="text"/> (Only M Models)		
<input type="checkbox"/>	TKE	Dover HD-73	Motor Armature Voltage: <input style="width:50px;" type="text"/> (Type D/IVO)		
<input type="checkbox"/>	TKE	Dover HD-91	Motor Armature Voltage: <input style="width:50px;" type="text"/> (DC Motor)		
<input type="checkbox"/>	TKE	HD-85	Motor Armature Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	TKE	HDLM	Input Voltage: <input style="width:50px;" type="text"/> AMPS: <input style="width:50px;" type="text"/> Requires UIT_I/O Card		
<input type="checkbox"/>	TKE	LD-16	Input Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	TKE	ECI	Input Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	Wittur	Mini/Supra, SGV	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	EMS		*Input Freight/Door Information at Bottom		
<input type="checkbox"/>	Courion				
<input type="checkbox"/>	Peelle				
<input type="checkbox"/>	Other		*Input Other Door Information at Bottom		
<b>Door Protection</b>					
<input type="checkbox"/> Photo Eye/Light Curtain (Default) <input type="checkbox"/> Mechanical Safety Edge <input type="checkbox"/> Door Hold Button					
<b>Manual Car Door CAM Type/Information</b>					
<input type="checkbox"/> Mechanical					
<input type="checkbox"/>	DC	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>
<input type="checkbox"/>	AC (3-Phase)	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>
<input type="checkbox"/>	AC (Single Phase)	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>

<b>Rear Door Type</b>	Use this door for all cars or specify which cars use it				
	All <input type="checkbox"/>	Car 1 <input type="checkbox"/>	Car 2 <input type="checkbox"/>	Car 3 <input type="checkbox"/>	Car 4 <input type="checkbox"/>
<b>Hall Door Type</b>					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual					
<b>Car Door Type</b>					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual (See + below) <input type="checkbox"/> Powered Freight (See + below)					
<b>Select Door Operator</b>					
<input type="checkbox"/>	Abell	ATS 0090	Field "EZ"		
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator		
<input type="checkbox"/>	GAL	MODCTL	24 VDC Interface Relays		
<input type="checkbox"/>	GAL	MOD	(L, G, or X) Motor Armature Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	GAL	MOVFEE	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC Model #: <input type="checkbox"/> 1.5 <input type="checkbox"/> 2.0		
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface Board		
<input type="checkbox"/>	Kone	PMSSC	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC 104 or 105D Interface Board		
<input type="checkbox"/>	Otis	AT400	120 VDC (Discrete Only & Power Supply by Smartrise)		
<input type="checkbox"/>	Otis	Glide A	220 VAC (Discrete Only)		
<input type="checkbox"/>	Otis	Glide P	220 VAC (Discrete Only)		
<input type="checkbox"/>	SEES	Smooth Operator	Input Voltage: <input type="checkbox"/> 220 VAC <input type="checkbox"/> 110 VAC		
<input type="checkbox"/>	TKE	Dover HD-03	Input Voltage: <input style="width:50px;" type="text"/> (Only M Models)		
<input type="checkbox"/>	TKE	Dover HD-73	Motor Armature Voltage: <input style="width:50px;" type="text"/> (Type D/IVO)		
<input type="checkbox"/>	TKE	Dover HD-91	Motor Armature Voltage: <input style="width:50px;" type="text"/> (DC Motor)		
<input type="checkbox"/>	TKE	HD-85	Motor Armature Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	TKE	HDLM	Input Voltage: <input style="width:50px;" type="text"/> AMPS: <input style="width:50px;" type="text"/> Requires UIT_I/O Card		
<input type="checkbox"/>	TKE	LD-16	Input Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	TKE	ECI	Input Voltage: <input style="width:50px;" type="text"/>		
<input type="checkbox"/>	Wittur	Mini/Supra, SGV	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	EMS		*Input Freight/Door Information at Bottom		
<input type="checkbox"/>	Courion				
<input type="checkbox"/>	Peelle				
<input type="checkbox"/>	Other		*Input Other Door Information at Bottom		
<b>Door Protection</b>					
<input type="checkbox"/> Photo Eye/Light Curtain (Default) <input type="checkbox"/> Mechanical Safety Edge <input type="checkbox"/> Door Hold Button					
<b>Manual Car Door CAM Type/Information</b>					
<input type="checkbox"/> Mechanical					
<input type="checkbox"/>	DC	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>
<input type="checkbox"/>	AC (3-Phase)	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>
<input type="checkbox"/>	AC (Single Phase)	Volts	<input style="width:50px;" type="text"/>	Amps	<input style="width:50px;" type="text"/>

\*Freight/Other Door Operation Information

Manufacturer	<input style="width:80%; height:20px;" type="text"/>
Model	<input style="width:80%; height:20px;" type="text"/>
Reference #'s	<input style="width:80%; height:20px;" type="text"/>

Job Prints from Door Manufacturer are Required

Notes and Special Instructions:

Floor Information			Floor Openings				Car Call Security				Hall Call Security				Hosp	Destination Dispatch		
	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				
	<b>Overhead -&gt;</b> (Default 13ft)		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	F R		
<input type="checkbox"/>	15		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	13		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	12		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	11		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	10		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	9		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
<input type="checkbox"/>	5		<input type="checkbox"/>	<input type="checkbox"/>	<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"/>	<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"/>	<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"/>	<input type="checkbox"/>								
<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								
	<b>Pit -&gt;</b> (Default 4ft)		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"/>						Note: Maximum of eight kiosks per floor	

We will default to the lobby landing and the landing above for main and alternate fire floor respectively.

Main Fire/Lobby Floor  
Alt Fire Floor

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

Walkthrough Only: Top  
 Location of Hoistway Up/Dn Switch Car#s  
 F  R \_\_\_\_\_

Walkthrough Only: Bottom  
 Location of Hoistway Up/Dn Switch Car#s  
 F  R \_\_\_\_\_

Total Hoistway Height (ft)	
Car 1	<input type="text"/>
Car 2	<input type="text"/>
Car 3	<input type="text"/>
Car 4	<input type="text"/>

All cars same as Car 1

**Smart Dispatching** Not Required

Lobby Boost (Lobby Only)

**Destination Dispatch** Not Required

Full (All Floors)  
 Hybrid (Kiosks/Conventional Hall Riser Combination)

(See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)

Notes and Special Instructions:

**Overlay with Existing Equipment**

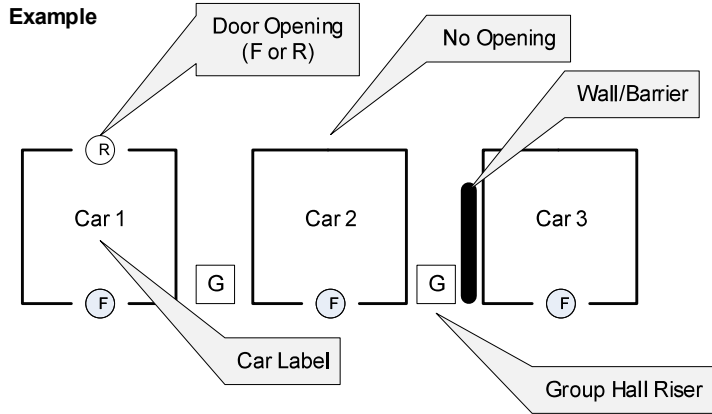
Cross Registration System

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**



# Elevator(s) Physical Layout

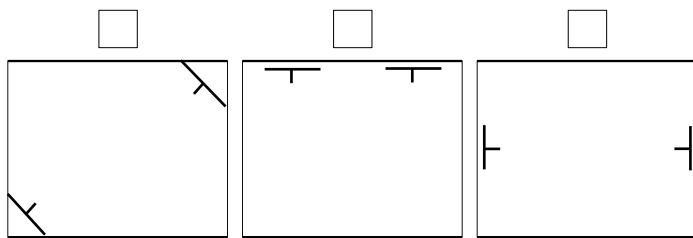


**Draw a topographical map of elevator(s) location on grid provided.**

- \* Accurately label each car by number/letter
- \* Mark openings a 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

## Hoistway Consideration



Guide Rail Option	
<input type="checkbox"/>	T89
<input type="checkbox"/>	T90
<input type="checkbox"/>	T125
Other: _____	