



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	
1. Job Information	6. Cables and Fixtures
2. Shipping and Pre-Wire	7. Car Door Data
3. General Controller Information	8. Landings and Openings
4. Motor and Valve Data	9. Destination Dispatch
5. Features and Functions	10. Elevator(s) Physical Layout

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"/>	
Engineering Contact Information: (If different than above)	
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:
 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
 SEES Innovation PTL
 EPCO MAD
 Elevator Cabs and Surfaces

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)

VAC L1 to GND VAC L2 to GND VAC L3 to GND

Single Phase

Hz (Main Line is 60Hz unless otherwise stated)

Main Line Transformer (If Customer Requires)

Provided by Smartrise(Aluminum Isolation Transformers are standard)

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

Swing Riser, Car #

Selective Collective (2 buttons/floor, multiple calls) (Default)

Non-Selective Collective (1 button/floor, multiple calls)

Non-Selective Non-collective (1 button/floor, 1 call at a time)

Other: _____

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)

Machine Room Controller Cabinet NEMA Rating:
 1 (Default) 4 4X 7 12

Top of Car Enclosure NEMA Rating:
 1 (Default) 4 4X 7 12

Landing System NEMA Rating:
 1 (Default) 4 4X 7 12

***NEMA 4/4X requires ELGO Landing System**

Build to Job Specifications Not Required

We will review the spec and 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 and description of exceptions)

ASME 17.1 Elevator Safety Code Compliance

<input type="checkbox"/> 2022	Additional Local Code
<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	

<input type="checkbox"/> NYC (Appendix K)	<input type="checkbox"/> Detroit
<input type="checkbox"/> No Fire Service	<input type="checkbox"/> Massachusetts
	<input type="checkbox"/> Ontario
	<input type="checkbox"/> Florida

Car Operating Panel

Single Panel (Default) Dual Panels

Remote COP (Discrete in M/R)

Is Touch Screen required? Yes No

CE Elite Pixel Opal Touch

*NOTE: CE should provide CE3868 board
Pixel should provide CT-PX2/E encoder

Connection Package (Run Box)

SmartConnect Package – Recommended
(Pre-Wired Car Top Inspection Box with Switch Guards included)

with Pendant Light (Optional)

Notes and Special Instructions

CAT5 Package

Include Hall Network CAT5 package

Controller (MR) to Hall Network (Hoistway) CAT5 Cable Length

25 ft (Default) 50 ft 100 ft

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	Rated Speed	Capacity	Battery Lowering	Brown Out Reset	Dual Jacks	Viscosity Control	Adams Life Jacket	Roped	GOV Reset Coil Is		Governor Switch 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**

Smartrise to assume all motor data

Car	# Motor Leads	Motor Volts	FLA	HP	Valve Brand/Model	Valve Volts 110V-120V	# 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	

Note: Smartrise is compatible with valve voltages of 110–120 V only.

Note: If the number of coils per valve is not provided, Smartrise will proceed with the standard value of 4.

Load Weighing Not Required

Load Weigher Provided By

Smartise Customer Overload Lamp
 Anti-Nuisance

Hydraulic Motor Control Preference

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

Sprecher+Schuh (Soft Starter)

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:

Special Features	Not Required <input type="radio"/>
<input type="checkbox"/> Remote (2 nd) 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"/> <small>(Default is the first floor above the lowest floor)</small>
<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
<input type="checkbox"/> Out Of Service Switch	

Special Modes of Operation	Not Required <input type="radio"/>
Independent Service/Hoistway Access (Default)	
<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	
<input type="checkbox"/> Patient Security	
Specify Patient Security Floors (Labels): <input style="width: 150px;" type="text"/> <small>(Default: All floors)</small>	

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

Monitoring Viewing Devices	Not Required <input type="radio"/>
All-in-One Touchscreen PCs	
<input type="checkbox"/> 24" <input type="checkbox"/> 27"	
Tablets	
<input type="checkbox"/> 8" <input type="checkbox"/> 11"	
Laptops	
<input type="checkbox"/> 15"	

Car Call Security (Specify floors on page 8)	Not Required <input type="radio"/>
<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	<input type="checkbox"/> Inputs in Machine Room (Default)
<input type="checkbox"/> Provide a Car Call Security Override Input	
<input type="checkbox"/> Input in Car Station	<input type="checkbox"/> Input in Machine Room (Default)
<input type="checkbox"/> Door Open Functions on Secured Landings	
Notes	

Hall Call Security	Not Required <input type="radio"/>
<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

Attendant Service	Not Required <input type="radio"/>
<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: _____	

Emergency Power (If Generator Cannot Run All Cars)	Not Required <input type="radio"/>
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"/>																												
	Traveler Cable #1	Traveler Cable #2	Traveler Cable #5	Length of Cable(s) Per Car (in feet)																											
# OF CONDUCTORS	19	35	69	<table style="width:100%; border: none;"> <tr><td style="width: 50%; border: none;">[]</td><td style="width: 50%; border: none;">Car 1</td><td style="width: 50%; border: none;">[]</td></tr> <tr><td style="border: none;">CORE</td><td style="border: none;">Steel</td><td style="border: none;">Car 2</td><td style="border: none;">[]</td></tr> <tr><td style="border: none;">DIAMETER</td><td style="border: none;">0.90"</td><td style="border: none;">Car 3</td><td style="border: none;">[]</td></tr> <tr><td style="border: none;"># OF 14 AWG</td><td style="border: none;">4</td><td style="border: none;">Car 4</td><td style="border: none;">[]</td></tr> <tr><td style="border: none;"># OF 18 AWG</td><td style="border: none;">7</td><td style="border: none;">Car 5</td><td style="border: none;">[]</td></tr> <tr><td style="border: none;"># OF 20 AWG SHIELD</td><td style="border: none;">4 Pair</td><td style="border: none;">Car 6</td><td style="border: none;">[]</td></tr> <tr><td style="border: none;">COAXIAL (RC/6U)</td><td style="border: none;">No</td><td></td><td></td></tr> </table>	[]	Car 1	[]	CORE	Steel	Car 2	[]	DIAMETER	0.90"	Car 3	[]	# OF 14 AWG	4	Car 4	[]	# OF 18 AWG	7	Car 5	[]	# OF 20 AWG SHIELD	4 Pair	Car 6	[]	COAXIAL (RC/6U)	No		
[]	Car 1	[]																													
CORE	Steel	Car 2	[]																												
DIAMETER	0.90"	Car 3	[]																												
# OF 14 AWG	4	Car 4	[]																												
# OF 18 AWG	7	Car 5	[]																												
# OF 20 AWG SHIELD	4 Pair	Car 6	[]																												
COAXIAL (RC/6U)	No																														
TRAVELER CABLE #1	Steel	Steel	Steel																												
DIAMETER	0.90"	1.36"	1.570"																												
# OF 14 AWG	4	4	5																												
# OF 18 AWG	7	18	40																												
# OF 20 AWG SHIELD	4 Pair	6 Pair	11 Pair																												
COAXIAL (RC/6U)	No	1	2																												
APPROVALS/BOTH	UL Type ETT> NEC Compliant, CSA Type ETT, CSA FT1																														
				Hoistway Cable																											
				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)

Pixel Technology

Other: _____

In Hall Position Indicator Not Required

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

VIDATECH (CAN) Discrete Signals (Binary)

Pixel Technology

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):

Pixel Technology (Connected to PIXEL PI)

Other: _____

In Hall Arrival Lanterns Not Required

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

All Floors (Smartrise Hall Boards) MAD (Smartrise Hall Boards)

Pixel Technology (Connected to AD-2TS SERIAL CHIME)

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

In Car Passing Chime Not Required

CE Micro Com (Default) Discrete Signal

MAD Bulb/Chime wattage (If discrete):

Note:

- CE Micro Com (if Car Position Indicator is CE Micro Com)
- MAD (if Car Car Position Indicator is MAD (CAN))

Lobby Panel Not Required

Door Open Lamp In Use Lamp

On Independent Svc. Lamp In Service Lamp

Out of Service Lamp Normal Power Lamp

At Recall Lamp

Other Requirements

Front Door Type	Use this door for all cars or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hall Door Type					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual					
Car Door Type					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual (See + below) <input type="checkbox"/> Powered Freight (See + below)					
Select Door Operator					
<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 type="checkbox"/>	GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	GAL	MOVFE	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <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 (Default) <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: _____ (Only M Models)		
<input type="checkbox"/>	TKE	Dover HD-73	Motor Armature Voltage: _____ (Type D/I/O)		
<input type="checkbox"/>	TKE	Dover HD-91	Motor Armature Voltage: _____ (DC Motor)		
<input type="checkbox"/>	TKE	HD-85	Motor Armature Voltage: _____		
<input type="checkbox"/>	TKE	HDLM	Input Voltage: _____ AMPS: _____ Requires UIT_I/O Card		
<input type="checkbox"/>	TKE	LD-16	Input Voltage: _____		
<input type="checkbox"/>	TKE	ECI	Input Voltage: _____		
<input type="checkbox"/>	Wittur	SGV: MIDI/Supra	V1 Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>			V2 Input Voltage: <input type="checkbox"/> 230 VAC (Default) <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"/>	Langer+Laumann	TSG V4	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 115 VAC		
<input type="checkbox"/>	Other		*Input Other Door Information at Bottom		
Door Protection					
<input type="checkbox"/> Photo Eye/Light Curtain (Default) <input type="checkbox"/> Mechanical Safety Edge <input type="checkbox"/> Door Hold Button					
Manual Car Door CAM Type/Information					
<input type="checkbox"/>	Mechanical				
<input type="checkbox"/>	DC	Volts	_____	Amps	_____
<input type="checkbox"/>	AC (3-Phase)	Volts	_____	Amps	_____
<input type="checkbox"/>	AC (Single Phase)	Volts	_____	Amps	_____

Rear Door Type	Use this door for all cars or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hall Door Type					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual					
Car Door Type					
<input type="checkbox"/> Auto Passenger (Default) <input type="checkbox"/> Manual (See + below) <input type="checkbox"/> Powered Freight (See + below)					
Select Door Operator					
<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 type="checkbox"/>	GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	GAL	MOVFE	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>	Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <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 (Default) <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: _____ (Only M Models)		
<input type="checkbox"/>	TKE	Dover HD-73	Motor Armature Voltage: _____ (Type D/I/O)		
<input type="checkbox"/>	TKE	Dover HD-91	Motor Armature Voltage: _____ (DC Motor)		
<input type="checkbox"/>	TKE	HD-85	Motor Armature Voltage: _____		
<input type="checkbox"/>	TKE	HDLM	Input Voltage: _____ AMPS: _____ Requires UIT_I/O Card		
<input type="checkbox"/>	TKE	LD-16	Input Voltage: _____		
<input type="checkbox"/>	TKE	ECI	Input Voltage: _____		
<input type="checkbox"/>	Wittur	SGV: MIDI/Supra	V1 Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 120 VAC		
<input type="checkbox"/>			V2 Input Voltage: <input type="checkbox"/> 230 VAC (Default) <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"/>	Langer+Laumann	TSG V4	Input Voltage: <input type="checkbox"/> 230 VAC (Default) <input type="checkbox"/> 115 VAC		
<input type="checkbox"/>	Other		*Input Other Door Information at Bottom		
Door Protection					
<input type="checkbox"/> Photo Eye/Light Curtain (Default) <input type="checkbox"/> Mechanical Safety Edge <input type="checkbox"/> Door Hold Button					
Manual Car Door CAM Type/Information					
<input type="checkbox"/>	Mechanical				
<input type="checkbox"/>	DC	Volts	_____	Amps	_____
<input type="checkbox"/>	AC (3-Phase)	Volts	_____	Amps	_____
<input type="checkbox"/>	AC (Single Phase)	Volts	_____	Amps	_____

*Freight/Other Door Operation Information

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	
Overhead -> (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
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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/> <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"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			Pit				Pit				Pit				Pit
<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"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<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"/>				
Main Fire/Lobby Floor Alt Fire Floor			Note: If no opening is selected, the default will be front.				If mixed F/R, select boxes above. Note: If nothing is selected, Smartrise will proceed with all floors.								

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

Note: If floor to floor Distance is not provided, Smartrise will default to 15ft per floor travel.

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
 F R
(Default) _____

Walkthrough Only: Bottom
 Location of Hoistway Up/Dn Switch Car#s
 F R
(Default) _____

Smart Dispatching	Not Required <input type="radio"/>
<input type="checkbox"/> Lobby Boost (Lobby Only)	

Destination Dispatch	Not Required <input type="radio"/>
<input type="checkbox"/> Full (All Floors)	
<input type="checkbox"/> Hybrid (Kiosks/Conventional Hall Riser Combination)	
(Fill out the Destination Dispatch specifics on page 9)	

Notes and Special Instructions:

Overlay with Existing Equipment
<input type="checkbox"/> 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 10

Floor Information			Conventional Hall Risers			
Floor Index	Floor Label	Destination Dispatch Kiosks (maximum of 8 kiosks per floor)	Car 1	Car 2	Car 3	Car 4
			F R	F R	F R	F R
15			<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"/>
13			<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"/>
11			<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"/>
9			<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"/>
7			<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"/>
5			<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"/>
3			<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"/>
1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pit			Pit			

Destination Dispatch System Access and Functionality

BraXos Security System will be used to gain access to landings during a Car Call request.

Landings will be accessed via Hall Kiosk Access Code Entry.

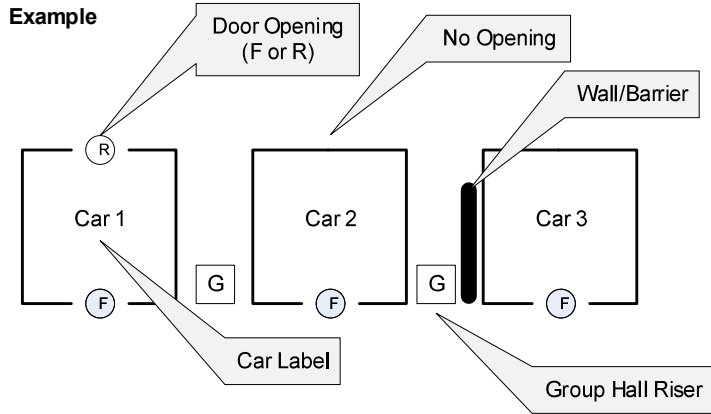
Discrete Input security will be required.

Special car functions will be accessed from Kiosks:

Car Recall
 Swing Car
 Hospital Service
 VIP Service
 Car Out of Service

Special Notes and Instructions

Elevator(s) Physical Layout

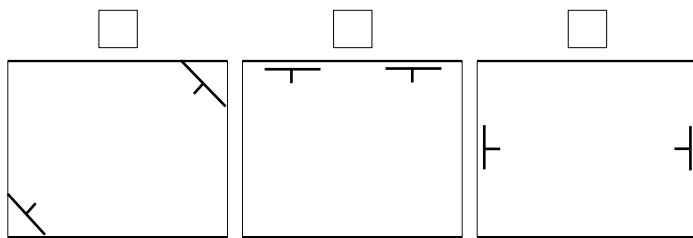


Draw a topographical map of elevator(s) location on grid provided.

- * Accurately label each car by number/letter
- * Mark openings 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: _____	