



**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
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5. Features and Functions	

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

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

<b>Purchasers Information: (If Packager, Fill in End User Info on Right)</b>	
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

<b>End User Information: (For Packager Use Only)</b>	
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>Job Site Address: (Address Where Controller(s) Will Be Installed)</b>	
Street: <input type="text"/>	
City: <input type="text"/>	
State: <input type="text"/>	
Zip Code: <input type="text"/>	

<b>Building Owner/Manager Information</b>	
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"/>	

**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:	<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
<div style="border: 1px solid black; background-color: #e6f2ff; padding: 5px;">           Customer's Carrier Name: <input style="width: 80%;" type="text"/>            Carrier's Account Number: <input style="width: 80%;" type="text"/>  <input type="checkbox"/> Collect    <input type="checkbox"/> Third-Party  <small>Third-Party Billing (Duties &amp; Taxes)</small>  <input style="width: 80%;" type="text"/> </div>	
Ship to Name/Company:	
Shipping Address:	
	Bill To Address: <div style="border: 1px solid black; height: 40px;"></div>

Shipping Schedule			
Controller(s)	Desired Ship Date from Smartrise	Controller(s)	Desired Ship Date from Smartrise
<small>Note: Desired ship date from Smartrise is not an arrival date.</small>			

**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	<div style="border: 1px solid black; background-color: #e6f2ff; padding: 5px;">           Company Name: <input style="width: 80%;" type="text"/>            Ship to Address: <div style="border: 1px solid black; height: 40px;"></div> </div>	
<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		
Job Reference:		Contact Person at Mfg. <input style="width: 80%;" type="text"/>

**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)

L1 to GND     L2 to GND     L3 to GND

Single Phase

Hz (Main Line is 60Hz unless otherwise stated)

**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

Swing Riser, Car #

---

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

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

**Smart Dispatching**

Lobby Boost (Lobby Only)     Full (All Floors)

Total # of Screens

**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)

\*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)

**Car Operating Panel**

Single Panel (Default)     Dual Panels

Remote COP (Discrete in M/R)

**ASME 17.1 Elevator Safety Code Compliance**

2019     Additional Local Code

2016

2013

2010

2007     NYC (Appendix K)

2004     No Fire Service     MASSACHUSETTS

2000

Notes and Special Instructions

**Connection Package (Run Box)**

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

# Hydraulic Features, Motor, and Valve Data

**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	
								Is 24 VDC	Is 120 VAC
1			<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"/>
3			<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 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 Valves (1 Standard)	# of Coils (4 Standard)	Dual Motors	Dual Jacks
1									<input type="checkbox"/>	<input type="checkbox"/>
2									<input type="checkbox"/>	<input type="checkbox"/>
3									<input type="checkbox"/>	<input type="checkbox"/>
4									<input type="checkbox"/>	<input type="checkbox"/>

### Hydraulic Motor Control Preference

Sprecher+Schuh (Soft Starter)

Siemens (Soft Starter)       First Available Soft Starter

Wye-Delta (via Contactors)       First Available Contactors

Across the Line (via Contactors)

We will notify your 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	<input type="checkbox"/> 'S' Button	
<input type="checkbox"/> Fan and Light Auto Shutoff Circuit <small>(CT Only)</small>	<input type="checkbox"/> Machine Room Cabinet Light	
<input type="checkbox"/> Machine Room Cabinet Power Plug	<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: 80px;" type="text"/> End <input style="width: 80px;" type="text"/>		
<input type="checkbox"/> Key Switch		
<input type="checkbox"/> Patient Security		

<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 (Provide details below)		
<input style="width: 80px;" 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		
<input type="checkbox"/> Emergency Power Lamp		

<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 Button Functions on Secured Landings		
Notes		

<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>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 Intgrted Display Systems</u>		
<input type="checkbox"/> Lift-Net with USB RS-422 Interface (Serial)		
<input type="checkbox"/> Lift-Net with Moxa Unit Interfce (Ethernet / LAN)		
<u>Designed and Manufactured by Kings III of America</u>		
<input type="checkbox"/> ORM (Interface Only)		
<input type="checkbox"/> BACnet		

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

Draka:  By Draka  By SEES James Monroe:  Triumph Electric NY  CED Not Required

	<input type="checkbox"/> Traveler Cable #1	<input type="checkbox"/> Traveler Cable #2	<input type="checkbox"/> Traveler Cable #5		
<b>CUSTOM LABELING</b>	Yes	Yes	No		
<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	

**Hoistway Cable**

	Yes
	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)

DL-20 (Interface only)  MAD (Serial)

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

**In Hall Position Indicator** Not Required

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

# of Floors with Hall Position Indicators  Discrete Signals (Binary)

# of Floors with Hall Position Indicators  MAD (Serial)

MWSF: Hands Free

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

**In Car Arrival Lantern** Not Required

CE Micro Com (Default)  Discrete Signals

MAD (Serial) 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)  EX-51/EX31 (Interface only)

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

Other Requirements

**In Car Voice Annunciator** Not Required

CE Micro Com Interface Only  Speaker is Remote

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

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)     Manual

**Car Door Type**

Auto Passenger (Default)     Manual     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
<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	Glide A	Discrete Only
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VAC Interface Power Supply by SRE (Discrete)
<input type="checkbox"/>	TKE	Dover HD-03	Only M Models
<input type="checkbox"/>	TKE	Dover HD-73	Type D/IVO
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Wittur	Mini/Supra	120 VAC / 230 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

**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 Information

\*Freight/Other Door Operation Information

Manufacturer	
Model	
Reference #'s	

Job Prints from Door Manufacturer are Required

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)     Manual

**Car Door Type**

Auto Passenger (Default)     Manual     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
<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	Glide A	Discrete Only
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VAC Interface Powr Supply by SRE (Discrete)
<input type="checkbox"/>	TKE	Dover HD-03	Only M Models
<input type="checkbox"/>	TKE	Dover HD-73	Type D/IVO
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Wittur	Mini/Supra	120 VAC / 230 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

**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

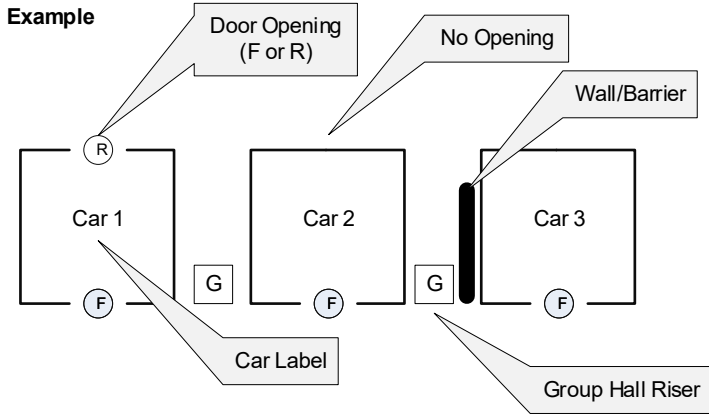
Other Door Information

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 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

A large grid for drawing the topographical map of elevator locations. The grid is 20 units wide and 30 units high.