



## 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.

### TRACTION AC - Table of Contents

1. Job Information	8. Landings and Openings (1-24)
2. Shipping & Pre-Wire	9. Landings and Openings (25-64)
3. General Controller Information	10. Landings and Openings (65-96)
4. Motor Data, Encoder Data, and Brake Data	11. Destination Dispatch (1-48)
5. Features & Functions	12. Destination Dispatch (49-96)
6. Cables and Fixtures	13. Elevator(s) Physical Layout
7. Car Door Data	14. Motor Purchase from Smartrise

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

### Job Details

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

Market Segment:  
 Financial  
 Federal  Health Care  Residential  
 Education  Hospitality  Other

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

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

### End User Information: (For Packager Use Only)

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

### Engineering Contact Information: (If different than above)

Name:   
Phone:  Fax:   
Cell:   
Email:   
 Date Filled Out

### 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:

<b>Shipping Information</b>		
Contact Name:	<input type="text"/>	
Phone:	<input type="text"/>	
Contact Fax/Email:	<input 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 type="text"/>	
Carrier's Account Number:	<input type="text"/>	
	<input type="checkbox"/> Collect	<input type="checkbox"/> Third-Party
	Third-Party Billing (Duties & Taxes)	
Ship to Name/Company:	<input type="text"/>	
Shipping Address:	<input type="text"/>	
Bill To Address:		

<b>Shipping Schedule</b>			
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"/>
Note: Desired ship date from Smartrise is not an arrival date.			

<b>Additional Shipping Instructions</b>	
<input type="text"/>	

<b>Pre-wire Fixtures (Must be 24 VDC / 6 Watt Max)</b>		Not Required <input type="radio"/>
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"/> SEES	<input type="checkbox"/> Innovation	<input type="checkbox"/> PTL
<input type="checkbox"/> EPCO	<input type="checkbox"/> MAD	
<input type="checkbox"/> Elevator Cabs and Surfaces		
Company Name:	<input type="text"/>	
Ship to Address:	<input type="text"/>	
Job Reference:	<input type="text"/>	
Contact Person at Mfg.:	<input type="text"/>	

# General Controller Information

## C4 TRACTION AC - Engineering Data Form – Page 3

Rev 21.0 020526

<b>Electrical Main Line and Transformer Specification</b>			
<b>Main Line Specification:</b>			
<input type="checkbox"/> 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 ( <b>Default</b> )			
<input type="checkbox"/> VAC	L1 to GND	<input type="checkbox"/> VAC	L2 to GND
<input type="checkbox"/> VAC	L3 to GND		
<input type="checkbox"/> Single Phase			
<input type="checkbox"/> 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="checkbox"/> Secondary Voltage			
<input type="checkbox"/> kVA			
<input type="checkbox"/> Data Plate Copy Included			

<b>Environmental Considerations</b>				Not Required <input type="radio"/>
<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>				

<b>Car Operating Panel</b>			
<input type="checkbox"/> Single Panel ( <b>Default</b> ) <input type="checkbox"/> Dual Panels			
<input type="checkbox"/> Remote COP (Discrete in M/R)			
Is Touch Screen required? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> CE Elite <input type="checkbox"/> Opal Touch			
<small>*NOTE: CE should provide CE3868 board Duper should provide CT-PX2/E encoder</small>			

Notes and Special Instructions			
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<b>Configuration</b>			
<input type="checkbox"/> Simplex <input type="checkbox"/> # Cars			
<input type="checkbox"/> Group <input type="checkbox"/> # Cars in Group <input type="checkbox"/> # of Hall Risers/Group			
<input type="checkbox"/> Swing Riser, Car # <input type="checkbox"/>			
<input type="checkbox"/> Selective Collective (2 buttons/floor, multiple calls) ( <b>Default</b> )			
<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: _____			

<b>Build to Job Specifications</b>			
<input type="radio"/> Not Required			
<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)			
<div style="border: 1px solid black; height: 100px; width: 100%;"></div>			

<b>ASME 17.1 Elevator Safety Code Compliance</b>			
<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		<input type="checkbox"/> Additional Local Code <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	
<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	

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

<b>CAT5 Package</b>			
<input type="checkbox"/> Include Hall Network CAT5 package Controller (MR) to Hall Network (Hoistway) CAT5 Cable Length			
<input type="checkbox"/> 25 ft ( <b>Default</b> ) <input type="checkbox"/> 50 ft <input type="checkbox"/> 100 ft			

Car	Contract Speed	Capacity	Motor Provided By	Regen Kit	Battery Rescue (MRL application must select a Rescue Device below)	Gov Reset Coil is		Governor Switch is Manually Reset	Machine Type	MRL	Location
						I 24 VDC (Default)	I 120 VAC				
1			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer (Default)	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release (Default) <input type="checkbox"/> Auto Rescue + Manual Brake Release <input type="checkbox"/> Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement
2			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer (Default)	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release (Default) <input type="checkbox"/> Auto Rescue + Manual Brake Release <input type="checkbox"/> Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement
3			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer (Default)	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release (Default) <input type="checkbox"/> Auto Rescue + Manual Brake Release <input type="checkbox"/> Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement
4			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer (Default)	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release (Default) <input type="checkbox"/> Auto Rescue + Manual Brake Release <input type="checkbox"/> Not Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement

\*Except encoders and cables for PM

Motor Data ( <input type="checkbox"/> Data for all cars are the same as car 1) Failure to provide data will result in delay of controller shipment												
<input type="checkbox"/> Retain Existing Motor/Machine	<input type="checkbox"/> Smartrise will assume motor data											
<input type="checkbox"/> New Motor/Machine (*Final datasheet is required)												
Car	Machine Brand/Model			Motor Volts	FLA	HP	RPM	Motor Freq.	# of Poles	PM Accel Volts	Peak Amps	Motor Type
1												<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet
2												<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet
3												<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet
4												<input type="checkbox"/> Induction Motor <input type="checkbox"/> Permanent Magnet

Encoder Data ( <input type="checkbox"/> Data for all cars are the same as car 1) Failure to provide data will result in delay of controller shipment											
Car	Encoder Provided By		Customer Supplied Encoder Info		Encoder PPR Required if encoder provided by Smartrise		Enc Cable Length	Enc Shaft Dia	Enc Mounting Location If no data is provided, Smartrise will assume the Encoder PPR and Mounting Location		Sine/Cosine Encoder Interface
1	<input type="checkbox"/> Smartrise*	<input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)	Make  <input type="checkbox"/>	Model  <input type="checkbox"/>					<input type="checkbox"/> On Motor (Default) <input type="checkbox"/> Other <input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/> Smartrise*	<input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)							<input type="checkbox"/> On Motor (Default) <input type="checkbox"/> Other <input type="checkbox"/>		
3	<input type="checkbox"/> Smartrise*	<input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)							<input type="checkbox"/> On Motor (Default) <input type="checkbox"/> Other <input type="checkbox"/>		
4	<input type="checkbox"/> Smartrise*	<input type="checkbox"/> None <input type="checkbox"/> Customer (Include info in notes)							<input type="checkbox"/> On Motor (Default) <input type="checkbox"/> Other <input type="checkbox"/>		

Brake Data ( <input type="checkbox"/> Data for all cars are the same as car 1) Failure to provide data will result in delay of controller shipment											
	<input type="checkbox"/> Smartrise will assume the brake data										
Car	DC	Pick Volts (DC or AC)	Hold Volts (DC Only)	Coil Resistance	Coil Amperage	Emergency (2 <sup>nd</sup> ) Brake				Independent (2nd) Brake Data	
1	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake <input type="checkbox"/> Torin Sheave Clamp	<input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> RBK20				
2	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake <input type="checkbox"/> Torin Sheave Clamp	<input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> RBK20				
3	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake <input type="checkbox"/> Torin Sheave Clamp	<input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> RBK20				
4	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake <input type="checkbox"/> Torin Sheave Clamp	<input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> RBK20				
Note: If no values are provided, Smartrise will proceed with the defaults: 110 VDC and 5 A						Hollister-Whitney Rope Gripper if NOT 120 VAC. Specify Voltage: <input type="text"/>					

## Motor Control Preference

- \*K.E.B. - K.E.B. drives require this data to be provided
- Magnetek
- First Available Drive (Not Quattro)
- Magnetek Quattro AC

We will notify you if the preference chosen cannot be honored

## Filters

- Line Reactor
- EMI/RFI Filter
- Harmonic Filter

## Notes and Special Instructions

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## Features and Functions

## C4 TRACTION AC - Engineering Data Form – Page 5

Rev 21.0 020526

<b>Special Features</b>		Not Required <input type="radio"/>																
<table border="0"> <tr> <td><input type="checkbox"/> Remote (2<sup>nd</sup>) Fire Key Switch &amp; Lamp</td> <td><input type="checkbox"/> Shunt-Trip</td> </tr> <tr> <td><input type="checkbox"/> Earthquake (Includes Buzzer and Lamp)</td> <td><input type="checkbox"/> Flood Sensor</td> </tr> <tr> <td><input type="checkbox"/> Car-to-Lobby Key Switch</td> <td>Specify Flood Floor (Label): <input type="text"/> (Default is the first floor above the lowest floor)</td> </tr> <tr> <td><input type="checkbox"/> Fan and Light Auto Shutoff Circuit (CT only)</td> <td><input type="checkbox"/> 'S' Button</td> </tr> <tr> <td><input type="checkbox"/> Machine Room Cabinet Power Plug</td> <td><input type="checkbox"/> Machine Room Cabinet Light</td> </tr> <tr> <td><input type="checkbox"/> Reduced Stroke Buffer (Ontario Only)</td> <td><input type="checkbox"/> Enclosure Legs</td> </tr> <tr> <td><input type="checkbox"/> 2nd Final Limit (MRL Only)</td> <td><input type="checkbox"/> Inching Operation</td> </tr> <tr> <td><input type="checkbox"/> Out Of Service Switch</td> <td></td> </tr> </table>			<input type="checkbox"/> Remote (2 <sup>nd</sup> ) 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	Specify Flood Floor (Label): <input type="text"/> (Default is the first floor above the lowest floor)	<input type="checkbox"/> Fan and Light Auto Shutoff Circuit (CT only)	<input type="checkbox"/> 'S' Button	<input type="checkbox"/> Machine Room Cabinet Power Plug	<input type="checkbox"/> Machine Room Cabinet Light	<input type="checkbox"/> Reduced Stroke Buffer (Ontario Only)	<input type="checkbox"/> Enclosure Legs	<input type="checkbox"/> 2nd Final Limit (MRL Only)	<input type="checkbox"/> Inching Operation	<input type="checkbox"/> Out Of Service Switch	
<input type="checkbox"/> Remote (2 <sup>nd</sup> ) 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	Specify Flood Floor (Label): <input type="text"/> (Default is the first floor above the lowest floor)																	
<input type="checkbox"/> Fan and Light Auto Shutoff Circuit (CT only)	<input type="checkbox"/> 'S' Button																	
<input type="checkbox"/> Machine Room Cabinet Power Plug	<input type="checkbox"/> Machine Room Cabinet Light																	
<input type="checkbox"/> Reduced Stroke Buffer (Ontario Only)	<input type="checkbox"/> Enclosure Legs																	
<input type="checkbox"/> 2nd Final Limit (MRL Only)	<input type="checkbox"/> Inching Operation																	
<input type="checkbox"/> Out Of Service Switch																		
<b>Special Modes of Operation</b>		Not Required <input type="radio"/>																
<p>Independent Service/Hoistway Access (Default)</p> <p><input type="checkbox"/> In-Car Inspection Switch</p> <p>Medical Emergency Service (Provide floor(s) on page 8)</p> <p><input type="checkbox"/> Building is a Hospital with keys at every floor In Car Buzzer, In Car Lamp, and Hallway Lamp at each Floor are Included</p> <p><input type="checkbox"/> Non-Hospital – Phase 1 key at main level only In Car Buzzer and In Car Lamp are Included</p> <p><input type="checkbox"/> Sabbath</p> <p><input type="checkbox"/> Patient Security Specify Patient Security Floors (Labels): <input type="text"/> (Default: All floors)</p>																		
<b>Controller Monitoring System</b>		Not Required <input type="radio"/>																
<p><u>Designed and Manufactured by Smartrise Engineering</u></p> <p><input type="checkbox"/> Machine Room Monitoring</p> <p><input type="checkbox"/> Local Monitoring (Lobby/Engineering/ Management)</p> <p><input type="checkbox"/> Remote Monitoring (Cloud) – Requires Internet Connection</p> <p><u>Designed and Manufactured by Integrated Display Systems</u></p> <p><input type="checkbox"/> Lift-Net with USB RS-422 Interface (Serial)</p> <p><input type="checkbox"/> Lift-Net with Moxa Unit Interface (Ethernet / LAN)</p> <p><u>Designed and Manufactured by Kings III of America</u></p> <p><input type="checkbox"/> ORM (Interface Only)</p> <p><input type="checkbox"/> BACnet</p>																		
<b>Monitoring Viewing Devices</b>		Not Required <input type="radio"/>																
<p><u>All-in-One Touchscreen PCs</u></p> <p><input type="checkbox"/> 24"      <input type="checkbox"/> 27"</p> <p><u>Tablets</u></p> <p><input type="checkbox"/> 8"      <input type="checkbox"/> 11"</p> <p><u>Laptops</u></p> <p><input type="checkbox"/> 15"</p>																		
<b>Car Call Security (Specify floors on page 8)</b>		Not Required <input type="radio"/>																
<p><input type="checkbox"/> Using COP Floor Buttons as Code Entry</p> <p><input type="checkbox"/> Using Dry Contacts from Card Readers and/or Key Switches</p> <p><input type="checkbox"/> Input in Car Station      <input type="checkbox"/> Inputs in Machine Room (Default)</p> <p><input type="checkbox"/> Provide a Car Call Security Override Input</p> <p><input type="checkbox"/> Input in Car Station      <input type="checkbox"/> Input in Machine Room (Default)</p> <p><input type="checkbox"/> Door Open Functions on Secured Landings</p> <p><b>Notes</b></p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>																		
<b>Hall Call Security</b>		Not Required <input type="radio"/>																
<p><input type="checkbox"/> Provide Enable/Disable all Hall Calls Input (Simplex)</p> <p><input type="checkbox"/> Provide a Hall Call Security Override Input (Per floor)</p> <p><input type="checkbox"/> Dry Contacts in Hall Fixtures (Default)      <input type="checkbox"/> Signal in Machine Room</p>																		
<b>Attendant Service</b>		Not Required <input type="radio"/>																
<p><input type="checkbox"/> Attendant Service (Is NOT Independent Service)</p> <p><input type="checkbox"/> In Car Buzzer      <input type="checkbox"/> In Car Lamp</p> <p>Choose 1: <input type="checkbox"/> Hall Call Above/Below Lamps (Default)</p> <p><input type="checkbox"/> Non-Directional All Hall Call Lamps Requires Discrete Connection from CT to COP Panel Per Landing</p> <p>Other: _____</p>																		
<b>Emergency Power (If Generator Cannot Run All Cars)</b>		Not Required <input type="radio"/>																
<p>E.P. Contact from Generator is</p> <p><input type="checkbox"/> Normally Open      <input type="checkbox"/> Normally Closed</p> <p>Power Pre-Transfer Contact from Generator is</p> <p><input type="checkbox"/> Normally Open (Default)      <input type="checkbox"/> Normally Closed      <input type="checkbox"/> Not Present</p> <p><input type="checkbox"/> Emergency Power Car Selector Switch</p> <p><input type="checkbox"/> Single Car Selection (Default)      <input type="checkbox"/> Multiple Car Selection</p> <p>This section applies to the sequencing of elevators when a combination of multiple machine room, groups and simplexes are in the same building.</p> <p>Number of cars the generator can power simultaneously: <input type="text"/></p> <p>Answer the below only if this generator powers other cars (not included in this job):</p> <p>Number of Smartrise Cars: <input type="text"/> Simplexes      <input type="text"/> Groups</p> <p>* Provide Smartrise Job Numbers: <input type="text"/></p>																		

## Traveler and Hoistway Cable (Purchase from Smartrise)

Not Required 

			Length of Cable(s) Per Car (in feet)	
			Car 1	26
			Car 2	N/A
			Car 3	0.55"
			Car 4	26
			Car 5	0
			Car 6	0
				No

## All Fixtures Must Be 24 VDC / 6 Watts Max.

## In Car Position Indicator

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

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

## In Hall Arrival Lanterns

CE Micro Com (Default)  Discrete Signals  
 MAD (CAN) Bulb/Chime wattage (If discrete): \_\_\_\_\_  
  
Other: \_\_\_\_\_

First Floor Only (Discrete)  CE Micro Com Lanterns (Type: SA130M Req.)  
 All Floors (Smartrise Hall Boards)  MAD (Smartrise Hall Boards)  
 If Lamps/Gongs are not 24 VDC / 6 Watt (Explain below)  
  
\_\_\_\_\_

## In Car Passing Chime

## Lobby Panel

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 Position Indicator is MAD (CAN))

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  
  
\_\_\_\_\_

## Load Weighing

Not Required

Load Weigher Provided By  
 Smartise  Customer  
  
 # Ropes  Rope Diameter  
  
 Overload Lamp  
 Anti-Nuisance  
  
 1:1 Roping  
 2:1 Roping  
  
 Cross Head Sensors  
 Rope Deflection Sensors

# Car Door

# C4 TRACTION AC - Engineering Data Form – Page 7

Rev 21.0 020526

Front Door Type	Use this door for all cars or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
<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 type="checkbox"/> GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<input type="checkbox"/> GAL	MOVFE	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<input type="checkbox"/> Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default) 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 (Default) 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 type="checkbox"/> (Only M Models)			
<input type="checkbox"/> TKE	Dover HD-73	Motor Armature Voltage: <input type="checkbox"/> (Type D/I/O)			
<input type="checkbox"/> TKE	Dover HD-91	Motor Armature Voltage: <input type="checkbox"/> (DC Motor)			
<input type="checkbox"/> TKE	HD-85	Motor Armature Voltage: <input type="checkbox"/>			
<input type="checkbox"/> TKE	HDLM	Input Voltage: <input type="checkbox"/> AMPS: <input type="checkbox"/> Requires UIT_I/O Card			
<input type="checkbox"/> TKE	LD-16	Input Voltage: <input type="checkbox"/>			
<input type="checkbox"/> TKE	ECI	Input Voltage: <input type="checkbox"/>			
<input type="checkbox"/> Wittur	SGV: MIDI/Supra	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<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 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 type="checkbox"/>	Amps <input type="checkbox"/>			
<input type="checkbox"/> AC (3-Phase)	Volts <input type="checkbox"/>	Amps <input type="checkbox"/>			
<input type="checkbox"/> AC (Single Phase)	Volts <input type="checkbox"/>	Amps <input type="checkbox"/>			

\*Freight/Other Door Operation Information

Manufacturer	<input type="text"/>
Model	<input type="text"/>
Reference #'s	<input type="text"/>

Job Prints from Door Manufacturer are Required

Rear Door Type	Use this door for all cars or specify which cars use it				
	All	Car 1	Car 2	Car 3	Car 4
<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 type="checkbox"/> GAL	MOVFR	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<input type="checkbox"/> GAL	MOVFE	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<input type="checkbox"/> Kone	AMD	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default) 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 (Default) 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 type="checkbox"/> (Only M Models)			
<input type="checkbox"/> TKE	Dover HD-73	Motor Armature Voltage: <input type="checkbox"/> (Type D/I/O)			
<input type="checkbox"/> TKE	Dover HD-91	Motor Armature Voltage: <input type="checkbox"/> (DC Motor)			
<input type="checkbox"/> TKE	HD-85	Motor Armature Voltage: <input type="checkbox"/>			
<input type="checkbox"/> TKE	HDLM	Input Voltage: <input type="checkbox"/> AMPS: <input type="checkbox"/> Requires UIT_I/O Card			
<input type="checkbox"/> TKE	LD-16	Input Voltage: <input type="checkbox"/>			
<input type="checkbox"/> TKE	ECI	Input Voltage: <input type="checkbox"/>			
<input type="checkbox"/> Wittur	SGV: MIDI/Supra	Input Voltage: <input type="checkbox"/> 230 VAC <input type="checkbox"/> 120 VAC (Default)			
<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 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 type="checkbox"/>	Amps <input type="checkbox"/>			
<input type="checkbox"/> AC (3-Phase)	Volts <input type="checkbox"/>	Amps <input type="checkbox"/>			
<input type="checkbox"/> AC (Single Phase)	Volts <input type="checkbox"/>	Amps <input type="checkbox"/>			

Notes and Special Instructions:

# Landings and Openings

Check this box if more than 24 landings (continued on page 9 for landings 25-64)

Floor Information (1-24)			Floor Openings				Car Call Security				Hall Call Security				Hosp
Floor Index	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
24			<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"/>
23			<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"/>
22			<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"/>
21			<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"/>
20			<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"/>
19			<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"/>
18			<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"/>
17			<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"/>
16			<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"/>
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"/>
Default PI Labels Pit -> (Default 4')			Pit				Pit				Pit				Pit
Main Fire/Lobby Floor															
Alt Fire Floor															
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.				All cars same as Car 1				All cars same as Car 1				
							All walk-through				All walk-through				
							All front				All front				
			Number of floors <input type="checkbox"/>				Number of floors <input type="checkbox"/>				Number of floors <input type="checkbox"/>				
			Note: If no opening is selected, the default will be front.				Note: If mixed F/R, select boxes above				Note: If nothing is selected, Smartrise will proceed with all floors.				

Total Hoistway Height (ft)	
Car 1	<input type="checkbox"/>
Car 2	<input type="checkbox"/>
Car 3	<input type="checkbox"/>
Car 4	<input type="checkbox"/>
<input type="checkbox"/> All cars same as Car 1	

F R  
(Default)

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

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

Notes and Special Instructions:

Smart Dispatching		Not Required
<input type="checkbox"/> Lobby Boost (Lobby Only)		<input type="checkbox"/>
Destination Dispatch		Not Required
<input type="checkbox"/> Full (All Floors)		
<input type="checkbox"/> Hybrid (Kiosks/Conventional Hall Riser Combination)		
(Fill out the Destination Dispatch specifics on page 11)		

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 page 13		

# Landings and Openings (25-64)

Continued from page 8

Check this box if more than 64 landings (continued on page 10 for landings 65-96)

Floor Information (25-64)			Floor Openings				Car Call Security				Hall Call Security				Hosp
Floor Index	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
64															
63															
62															
61															
60															
59															
58															
57															
56															
55															
54															
53															
52															
51															
50															
49															
48															
47															
46															
45															
44															
43															
42															
41															
40															
39															
38															
37															
36															
35															
34															
33															
32															
31															
30															
29															
28															
27															
26															
25															
Enter height between landings 24 and 25 →															

# Additional Landings and Openings (65-96)

# C4 TRACTION AC - Engineering Data Form – Page 10

Rev 21.0 020526

Continued from page 9

Floor Information (65-96)			Floor Openings				Car Call Security				Hall Call Security				Hosp		
Floor Index	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		
96			<input type="checkbox"/>														
95			<input type="checkbox"/>														
94			<input type="checkbox"/>														
93			<input type="checkbox"/>														
92			<input type="checkbox"/>														
91			<input type="checkbox"/>														
90			<input type="checkbox"/>														
89			<input type="checkbox"/>														
88			<input type="checkbox"/>														
87			<input type="checkbox"/>														
86			<input type="checkbox"/>														
85			<input type="checkbox"/>														
84			<input type="checkbox"/>														
83			<input type="checkbox"/>														
82			<input type="checkbox"/>														
81			<input type="checkbox"/>														
80			<input type="checkbox"/>														
79			<input type="checkbox"/>														
78			<input type="checkbox"/>														
77			<input type="checkbox"/>														
76			<input type="checkbox"/>														
75			<input type="checkbox"/>														
74			<input type="checkbox"/>														
73			<input type="checkbox"/>														
72			<input type="checkbox"/>														
71			<input type="checkbox"/>														
70			<input type="checkbox"/>														
69			<input type="checkbox"/>														
68			<input type="checkbox"/>														
67			<input type="checkbox"/>														
66			<input type="checkbox"/>														
65			<input type="checkbox"/>														
Enter height between landings 64 and 65 →																	

# Destination Dispatch (1-48)

Check this box if more than 48 landings (continued on page 12 for landings 49-96)

Floor Information (1-24)			Conventional Hall Risers				Floor Information (25 - 48)			Conventional Hall Risers			
Floor Index	Floor Label	Destination Dispatch Kiosks (maximum of 8 kiosks per floor)	Car 1	Car 2	Car 3	Car 4	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				F R	F R	F R	F R
24			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39			<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"/>	38			<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"/>	37			<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"/>	36			<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"/>	35			<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"/>	34			<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"/>	33			<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"/>	32			<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"/>	31			<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"/>	30			<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"/>	29			<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"/>	28			<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"/>	27			<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"/>	26			<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"/>	25			<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

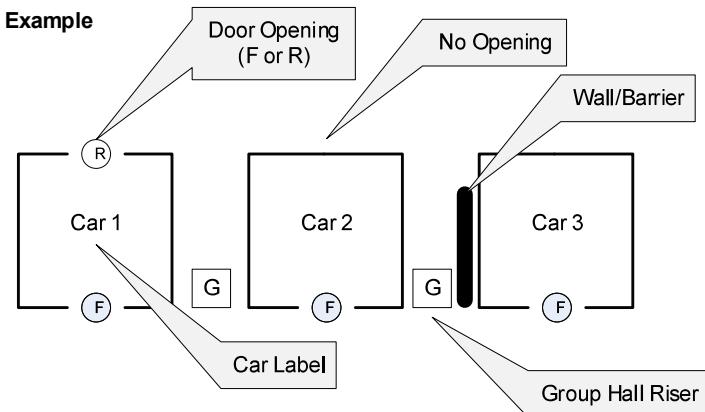
# Destination Dispatch (49-96)

Continued from page 11

Floor Information (49 - 72)			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
72			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
71			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
69			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
68			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
67			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
66			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
65			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
64			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
63			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
62			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
61			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
60			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
59			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
58			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
57			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
56			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
55			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
54			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
53			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
52			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
51			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
50			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
49			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Floor Information (73 - 96)			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
96			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
95			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
94			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
93			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
92			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
88			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
87			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
86			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
85			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
84			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
83			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
82			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
79			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
77			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
73			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Elevator(s) Physical Layout

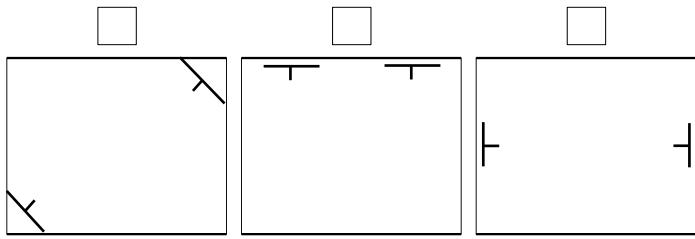


**Draw a topographical map of elevator(s) location on grid provided.**

- \* Accurately label each car by number/letter
- \* Mark openings as A (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

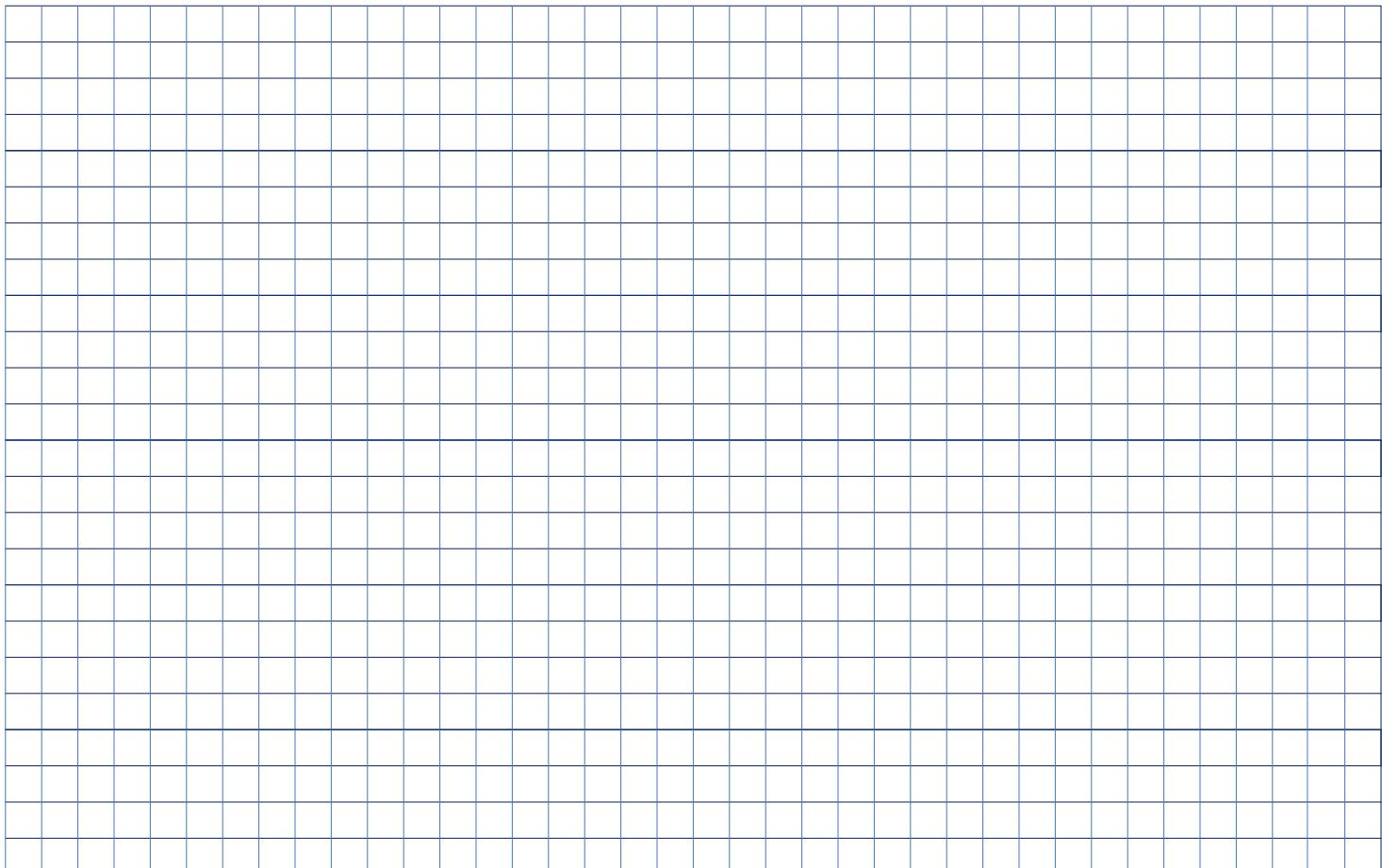
## Hoistway Consideration



**Guide Rail Option**

- T89
- T90
- T125

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



## Traction Motor Purchase from Smartrise

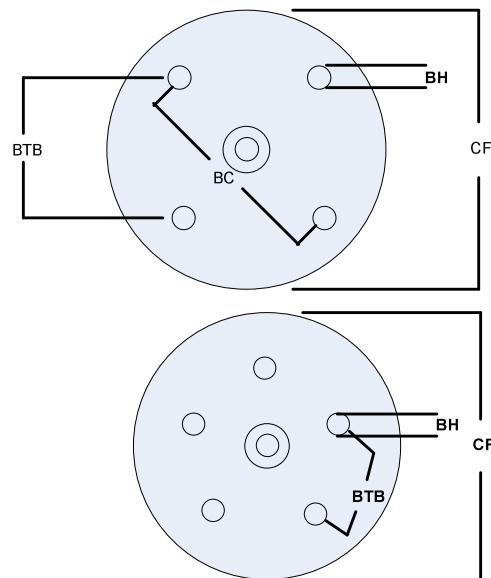
- \* Complete only if purchasing a motor from Smartrise
- \* All other motor data must have been provided on page 4

<b>Existing Machine Information</b>	
Machine Brand	<input type="text"/>
Model	<input type="text"/>
Style	<input type="text"/>
Counter Weight Percentage: <input type="text"/>	

<b>New Motor Information</b>	
Volts	<input type="text"/>
RPM	<input type="text"/>
<input type="checkbox"/> Straight Shaft	<input type="checkbox"/> 30 Ft.
<input type="checkbox"/> Tapered Shaft	<input type="checkbox"/> 40 Ft.
	<input type="checkbox"/> 50 Ft.
	<input type="checkbox"/> Other <input type="text"/> Ft

<b>Exiting Motor Information</b>	
Manufacturer:	<input type="text"/>
Frame Size/Style:	<input type="text"/>
<input type="checkbox"/> Foot Mount <input type="checkbox"/> Flange Mount	
HP	<input type="text"/>
Volts	<input type="text"/>
RPM	<input type="text"/>
Car Speed	<input type="text"/>
Car Capacity	<input type="text"/>
Machine Location	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement

<b>Coupling Survey (Only If Provided by Smartrise)</b>	
<input type="text"/>	(CF) Coupling Flange Diameter
<input type="text"/>	Number of Mounting Bolts
<input type="text"/>	Bolt Size
<input type="text"/>	(BH) Bolt Hole Diameter
<input type="text"/>	(BTB) Center Bolt to Center
<input type="text"/>	Bolt (BC) Bolt Circle



Notes and Special Instructions

<input type="text"/>
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