



**Smartrise Engineering, Inc**  
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# C4 TRACTION AC

Engineering Data Form – Page 1

Rev 6.4 210810

## 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

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

### Job Details

Job Name:

PO #:

Job Location (City & State)

Market Segment:

☐

Federal

☐

Health Care

☐

Financial

☐

Residential

☐

Education

☐

Hospitality

☐

Other

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

Name:

Title:

Company:

Phone:

Fax:

Cell:

Email:

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

Name:

Phone:

Fax:

Cell:

Email:

Date Filled Out

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

Name:

Title:

Company:

Phone:

Fax:

Cell:

Email:

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

Street:

City:

State:

Zip Code:

### Building Owner/Manager Information

Name:

Phone:

Email:

Street:

City:

State:

Zip Code:

### FULL ELEVATOR SYSTEMS

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

### Smartrise Packager Partners

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

## Shipping and Pre-Wire

### Shipping Information

Contact Name: Phone: Contact Fax/Email: Smartrise Call Prior to Shipping: ☐ Yes ☐ NoCarrier Call for Delivery Appointment: ☐ Yes ☐ NoLift Gate Required: ☐ Yes ☐ No

#### Freight Terms

Use Smartrise Carrier: ☐ Yes ☐ No☐ Will Call☐ Pre-paidCustomer's Carrier Name: Carrier's Account Number: ☐ Collect☐ Third-Party

Third-Party Billing (Duties &amp; 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





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

☐ Innovation ☐ ECC ☐ Other☐ Monitor ☐ MAD☐ PTL ☐ SEESCompany Name: Ship to Address: Job Reference: Contact Person at Mfg.

# General Controller Information

## 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

☐ 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: \_\_\_\_\_

## Destination Dispatch

☐ Lobby Boost (Lobby Only)

☐ Full (All Floors)

## 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

☐ 2019

☐ 2016

☐ 2013

☐ 2010

☐ 2007

☐ 2004

☐ 2000

Additional Local Code

☐ NYC (Appendix K)

☐ No Fire Service

☐ MASSACHUSETTS

## Connection Package (Run Box)

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

## Environmental Considerations

Not Required ☐

☐ Controller Cabinet Air conditioned cooled (add A/C Unit) Controller

☐ 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)

## Car Operating Panel

☐ Single Panel (Default)

☐ Dual Panels

☐ Remote COP (Discrete in M/R)

Notes and Special Instructions

# Traction Features, Motor/Encoder, and Brake Data

Traction Features ( <input type="checkbox"/> Features for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>									
Car	Contract Speed	Capacity	Motor Provided By	Encoder Provided By	Customer Supplied Encoder Info	Regen Kit	Battery Rescue	Gov Reset Coil Is	
								Is 24 VDC	Is 120 VAC
1			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise <input type="checkbox"/> None <input type="checkbox"/> Customer (Includes info in notes)	Make	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
2			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise <input type="checkbox"/> None <input type="checkbox"/> Customer (Includes info in notes)		<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
3			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise <input type="checkbox"/> None <input type="checkbox"/> Customer (Includes info in notes)	Model	<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>
4			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise <input type="checkbox"/> None <input type="checkbox"/> Customer (Includes info in notes)		<input type="checkbox"/>	<input type="checkbox"/> Auto Rescue Operation <input type="checkbox"/> Manual Brake Release	<input type="checkbox"/>	<input type="checkbox"/>

\*Except encoders and cables for PM

Motor/Encoder Data ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>														
Car	Machine Brand/Model	Motor Volts	FLA	HP	RPM	Motor Freq.	# of Poles	PM Accel Volts	Rope Ratio	Sheave Dia.	Gear Ratio	Encoder PPR	Enc Cbl Length	Enc Shaft Dia
1														
2														
3														
4														

Motor Data for IM & PM Motors ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>									
Car	Motor Type			Machine Type	MRL	Location	Mount	Peak Amps	
1	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Single Speed Motor (Default) <input type="checkbox"/> Dual Speed Motor <input type="checkbox"/> Permanent Magnet Motor			<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
2	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Single Speed Motor (Default) <input type="checkbox"/> Dual Speed Motor <input type="checkbox"/> Permanent Magnet Motor			<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
3	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Single Speed Motor (Default) <input type="checkbox"/> Dual Speed Motor <input type="checkbox"/> Permanent Magnet Motor			<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		
4	<input type="checkbox"/> Induction Motor <input type="checkbox"/> Single Speed Motor (Default) <input type="checkbox"/> Dual Speed Motor <input type="checkbox"/> Permanent Magnet Motor			<input type="checkbox"/> Geared <input type="checkbox"/> Gearless	<input type="checkbox"/>	<input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Foot <input type="checkbox"/> Flange		

Brake Data ( <input type="checkbox"/> Data for all cars are the same as car 1) <b>Failure to provide data will result in delay of controller shipment</b>											
Car	DC	Pick Volts (DC )	Hold Volts (DC Only)	Coil Resistance	Coil Amperage	Emergency (2 <sup>nd</sup> ) Brake		Independent (2 <sup>nd</sup> ) Brake Data			
								Pick VDC	Hold VDC	Coil Ω	Coil Amp
1	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor				
2	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor				
3	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor				
4	DC (Default)					<input type="checkbox"/> 120 VAC Hollister-Whitney Rope Gripper <input type="checkbox"/> Draka Rope Brake	<input type="checkbox"/> Independent 2nd DC Brake on Motor				

Hollister-Whitney Rope Gripper if NOT 120 VAC. Specify Voltage:

## Motor Control Preference

- ☐ Magnetek - Default
- ☐ K.E.B.
- ☐ Magnetek Quattro AC (Cube Only)

## Filters

- ☐ Line Reactor
- ☐ EMI/RFI Filter
- ☐ Harmonic Filter

We will notify you if the preference chosen cannot be honored

Notes and Special Instructions:

## Features and Functions

Special Features		Not Required <input type="radio"/>
<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	<input type="checkbox"/> 'S' Button	
<input type="checkbox"/> Fan and Light Auto Shutoff Circuit (CT only)	<input type="checkbox"/> Machine Room Cabinet Light	
<input type="checkbox"/> Machine Room Cabinet Power Plug	<input type="checkbox"/> Enclosure Legs	

Special Modes of Operation		Not Required <input type="radio"/>
<input type="checkbox"/> Independent Service (Default)		
Hoistway Access <input type="checkbox"/> Yes (Default) <input type="checkbox"/> No		
<input type="checkbox"/> In-Car Inspection Switch		
<b>Medical Emergency Service (Provide floor(s) on page 8)</b> <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 <input type="checkbox"/> Non-Hospital – Phase 1 key at main level only In Car Buzzer and In Car Lamp are included		
<input type="checkbox"/> Sabbath (Attach spec)		
<input type="checkbox"/> Times Start <input type="text"/> End <input type="text"/>		
<input type="checkbox"/> Key Switch		
<input type="checkbox"/> Patient Security		

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 Requires Discrete Connection from CT to COP Panel Per Landing		
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 (Provide details below)	
<input type="text"/> Number of cars the generator can operate simultaneously (Default value is 1 car)	
<input type="checkbox"/> Generator powers other Simplex/Groups	
<input type="checkbox"/> Emergency Power Lamp	

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 (Default) <input type="checkbox"/> Inputs in Machine Room	
<input type="checkbox"/> Override Security When on Independent Service or Attendant Served	
<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	

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	

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

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

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

	C4 Traveler Cable #1	C4 Traveler Cable #2	Traveler Cable #5		Length of Cable(s) Per Car (in feet)		C4 Hoistway Cable
<input type="checkbox"/>							
<b>CUSTOM LABELING</b>	Yes	Yes	No				Yes
<b># OF CONDUCTORS</b>	19	31	69				26
<b>CORE</b>	Steel	Steel	Steel				N/A
<b>DIAMETER</b>	0.90"	1.36"	1.570"				0.55"
<b># OF 14 AWG</b>	4	4	5				0
<b># OF 18 AWG</b>	7	14	40				26
<b># OF 20 AWG SHIELD</b>	4 Pair	6 Pair	11 Pair				0
<b>COAXIAL (RC/6U)</b>	No	1	2				0
<b>APPROVALS/BOTH</b>	UL Type ETT> NEC Compliant, CSA Type ETT, CSA FT1						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)  
☐ Emotive 3-Wire ☐ Discrete Signals (Binary)  
☐ MWSF: Hands Free ☐ MAD (Giotto)

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

In Car Arrival Lantern Not Required ☐

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

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

In Car Passing Chime Not Required ☐

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

In Car Voice Annunciator Not Required ☐

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

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

Load Weighing Not Required ☐

Load Weigher Provided By

- ☐ Smartrise ☐ Customer ☐ Overload Lamp

- ☐ # Ropes ☐ Rope Diameter ☐ 1:1 Roping  
☐ 2:1 Roping

In Hall Position Indicator Not Required ☐

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

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

In Hall Arrival Lanterns Not Required ☐

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

Lobby Panel Not Required ☐

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

Other Requirements

Door Type 1

Use this door for all cars or specify which cars use it

All

Car 1

Car 2

Car 3

Car 4

☐ F ☐ R

☐ F ☐ R

☐ F ☐ R

☐ F ☐ R

☐ F ☐ 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"/>	GAL	MODCTL	24 VDC interface relays
<input type="checkbox"/>	GAL	MOD	L, G, or X
<input type="checkbox"/>	GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface board
<input type="checkbox"/>	Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VAC Interface Glide A (Discrete)
<input type="checkbox"/>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/>	TKE	Dover HD-73	Type D/I/O
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/>	Peelle	Wireless	*Input Freight/Door Information at bottom
<input type="checkbox"/>	Courion	ILearn	
<input type="checkbox"/>	EMS		
<input type="checkbox"/>	Other		*Input Other Door Information at bottom

☐ Door Protection

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

☐ Cam

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

Volts

Amps

☐ Gate Release

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

Volts

Amps

Other Door Information

Door Type 2

Use this door for all cars or specify which cars use it

All

Car 1

Car 2

Car 3

Car 4

☐ F ☐ R

☐ F ☐ R

☐ F ☐ R

☐ F ☐ R

☐ F ☐ 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"/>	GAL	MODCTL	24 VDC interface relays
<input type="checkbox"/>	GAL	MOD	L, G, or X
<input type="checkbox"/>	GAL	MOVFR	230 VAC input voltage
<input type="checkbox"/>	Kone	Mac	104 or 105D Interface board
<input type="checkbox"/>	Kone	PMSSC	104 or 105D Interface board
<input type="checkbox"/>	Otis	AT-400	240 VAC / 120 VAC Interface Glide A (Discrete)
<input type="checkbox"/>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110 VAC)
<input type="checkbox"/>	TKE	Dover HD-73	Type D/I/O
<input type="checkbox"/>	TKE	Dover HD-91	DC Motor
<input type="checkbox"/>	TKE	HDLM	Requires UIT_I/O Card
<input type="checkbox"/>	Fermator	VVVF5	Linear Door Operator
<input type="checkbox"/>	Peelle	Wireless	*Input Freight/Door Information at bottom
<input type="checkbox"/>	Courion	ILearn	
<input type="checkbox"/>	EMS		
<input type="checkbox"/>	Other		*Input Other Door Information at bottom

☐ Door Protection

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

☐ Cam

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

Volts

Amps

☐ Gate Release

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

Volts

Amps

Other Door Information

\*Freight/Other Door Operation Information

Manufacturer

Model

Reference #'s

Job Prints from Door Manufacturer are Required

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			
Overhead Default 13ft			F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
24																				
23																				
22																				
21																				
20																				
19																				
18																				
17																				
16																				
15																				
14																				
13																				
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10																				
9																				
8																				
7																				
6																				
5																				
4																				
3																				
2																				
1																				
Default Pit Labels      Pit -> (Default 4")			Pit				Pit				Pit				Pit					
			<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors <input type="text"/>				<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors <input type="text"/>				<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors <input type="text"/>									

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

☐ ☐ ☐  
☐ ☐ ☐  
☐ ☐ ☐  
☐ ☐ ☐  
☐ ☐ ☐

\_\_\_\_\_ Main Fire/Lobby Floor

\_\_\_\_\_ Alt Fire Floor

\_\_\_\_\_ EMT/Flood Floor

Total Hoistway Height (ft)	
Car 1	
Car 2	
Car 3	
Car 4	

☐ All cars same as Car 1

**If mixed F/R, select boxes above**

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

FR

☐ ☐

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

\_\_\_\_\_

FR

☐ ☐

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

\_\_\_\_\_

**Hoistway Consideration**

☐ Corner Post Rails

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.	
<b>Important: Provide Physical Layout on 11</b>	



Continued from page 8

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

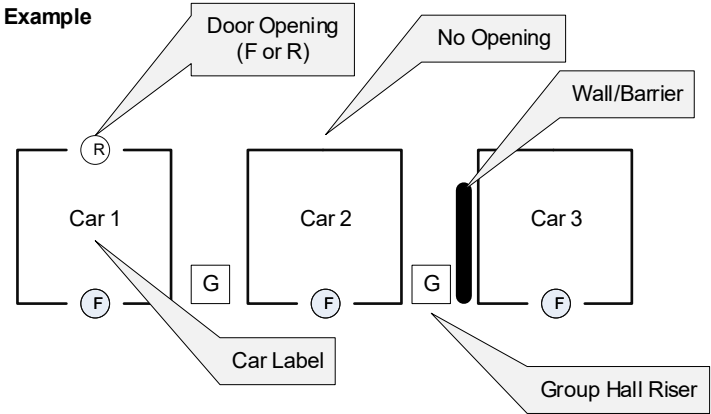
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Floor Information (25-64)			Floor Openings				Car Call Security				Hall Call Security				Hosp	
Floor Index	Floor Label	Floor Height	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4		
Overhead Default 13ft			F	R	F	R	F	R	F	R	F	R	F	R	F	R
64			<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"/>
63			<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"/>
62			<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"/>
61			<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"/>
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55			<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"/>
54			<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"/>
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46			<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"/>
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44			<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"/>
43			<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"/>
42			<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"/>
41			<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"/>
40			<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"/>
39			<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"/>
38			<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"/>
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34			<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"/>
33			<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"/>
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31			<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"/>
30			<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"/>
29			<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"/>
28			<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"/>
27			<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"/>
26			<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"/>
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Enter height between landings 24 and 25 →																

Continued from page 9

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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		
			F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F
Overhead Default 13ft																			
96																			
95																			
94																			
93																			
92																			
91																			
90																			
89																			
88																			
87																			
86																			
85																			
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81																			
80																			
79																			
78																			
77																			
76																			
75																			
74																			
73																			
72																			
71																			
70																			
69																			
68																			
67																			
66																			
65																			
Enter height between landings 64 and 65-->																			



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

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

Existing Machine Information

Machine Brand

Model

Style

Counter Weight Percentage:

New Motor Information

Volts

RPM

Straight Shaft

Tapered Shaft

Encoder Cable Length

30 Ft.

40 Ft.

50 Ft.

Other

Ft

Coupling Survey (Only If Provided by Smartrise)

(CF) Coupling Flange Diameter

Number of Mounting Bolts

Bolt Size

(BH) Bolt Hole Diameter

(BTB) Center Bolt to Center Bolt

(BC) Bolt Circle

Exiting Motor Information

Manufacturer:

Frame Size/Style:

Foot Mount

Flange Mount

HP

Volts

RPM

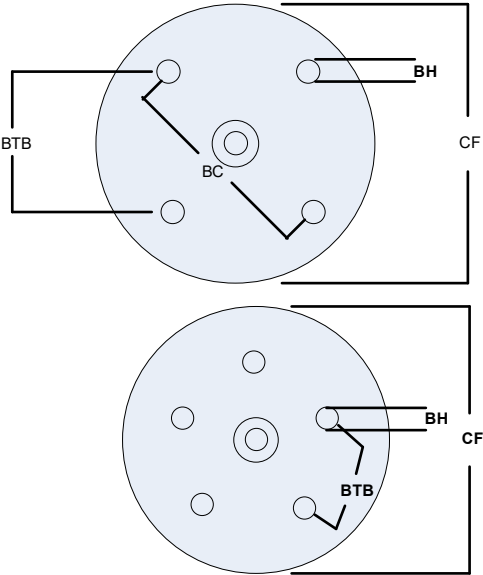
Car Speed

Car Capacity

Machine Location

Overhead

Basement



Notes and Special Instructions