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TRACTION AC

Engineering Data Form – Page 1

180906

Warning: Review Before Submittal

- Failure to Provide Accurate and Complete Information could result in the following: Delayed Controller Shipment, Price Change, and Incurred Engineering Charges.
- If a job specification is included you must complete the 'Build to Job Specification' section on page 3.
- All Fixtures must be 24 VDC/6 Watts Max.
- If a category is not completed, the **default** option will be assumed.

TRACTION AC - Table of Contents by Page

- | | |
|-----------------------------------|-----------------------------------|
| 1. Job Information | 6. Fixtures |
| 2. Shipping & Pre-Wire | 7. Car Door Data |
| 3. General Controller Information | 8. Landings and Openings |
| 4. Motor/Encoder, and Brake Data | 9. Elevator(s) Physical Layout |
| 5. Features & Functions | 10. 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:

☐ Federal

☐ Education

☐ Health Care

☐ Hospitality

☐ Financial

☐ Residential

☐ 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:

Notes and Special Instructions

Shipping Information

Contact Name:

Phone:

Contact Fax/Email:

Smartrise Call Prior to Shipping:

Yes

No

Carrier Call for Delivery Appointment:

Yes

No

Lift Gate Required:

Yes

No

Freight Terms

Use Smartrise Carrier:

Yes

No

Will Call

Pre-paid

Customer's Carrier Name:

Carrier's Account Number:

Collect

Third Party

Third Party Billing (Duties & Taxes)

Ship to Name/Company:

Shipping Address:

Bill To Address:

Shipping Schedule

Controller(s)	Desired Ship Date from Smartrise	Controller(s)	Desired Ship Date from Smartrise

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

Otis

RSL Car Calls

RSL Hall Calls

Company Name:

Ship to Address:

Job Reference:

Contact Person at Mfg.

Electrical Main Line and Transformer Specification

Main Line Specification:

Main Line Volts (Transformer required if motor volts are 10% greater than main line)

☐ Three Phase (default)

☐ Single Phase

Hz (Main Line is 60Hz unless stated otherwise)

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

☐ Group Redundancy

☐ Swing Riser, Car #

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

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

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

Build to Job Specifications

Not Required

☐ We will review the spec and will 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 & Description of exceptions)

Environmental Considerations

Not Required

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

☐ Controller Cabinet Forced Air cooled (add Fan and Filter)

☐ Controller Cabinet Air-pressure cooled (add Vortex)(Customer to provide Air Compressor)

☐ Arc Flash Protection

☐ Special attention to hoist-way shaft (provide details in notes below)

☐ Outdoor or Hostile (Industrial Environment)

NEMA Rating for Machine Room Controller Cabinet (if required, default NEMA 1)

NEMA Rating for Top of Car Enclosure (if required, default NEMA 1)

NEMA For Landing System (if required, default NEMA 1)

Connection Package (Run Box)

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

Car Operating Panel

☐ Single Panel (default) ☐ Other

☐ Dual Panels ☐ Remote Panel

Notes and Special Instructions

ASME 17.1 Elevator Safety Code Compliance

☐ 2016

☐ 2013

☐ 2010

☐ 2007

☐ 2004

☐ 2000

Additional Local Code

☐ NYC (Appendix K)

☐ No Fire Service ☐ MASSACHUSETTS

Controller Layout Preference

☐ Standard (MR, CT, and COP) (default)

☐ No Cartop

☐ No COP

☐ Custom:

We will notify you if the preference chosen cannot be honored

Traction Features, Motor/Encoder, and Brake Data

TRACTION AC - Engineering Data Form – Page 4

Traction Features (<input type="checkbox"/> Features for all cars is the same as car 1) Failure to provide data will result in delay of controller shipment									
Car	Contract Speed	Capacity	Motor Provided By	Encoder Provided By	Customer Supplied Encoder Info	Regn Kit	MRL Battery Rescue	Gov Reset Coil Is 24vdc	Gov Reset Coil Is 120vac
1			<input type="checkbox"/> Smartrise <input type="checkbox"/> Customer	<input type="checkbox"/> Smartrise* <input type="checkbox"/> None <input type="checkbox"/> Customer (Include 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 (Include 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 (Include 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 (Include 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 is the same as car 1) Failure to provide data will result in delay of controller shipment															
Car	Machine Brand/Model	Motor Volts	FLA	HP	RPM	Motor Freq.	# of Poles	PM Accel Volts		Rope Ratio	Sheave Dia.	Gear Ratio	Encodr PPR	Enc Cbl Length	Enc Shaft Dia
1															
2															
3															
4															

Additional Motor Data for IM & PM Motors (<input type="checkbox"/> Data for all cars is the same as car 1) Failure to provide data will result in delay of controller shipment							
Car	Motor Type	Machine Type	MRL	Location	Mount	Peak Amps	
1	<input type="checkbox"/> Induction 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"/> 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"/> 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"/> 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 is the same as car 1) Failure to provide data will result in delay of controller shipment									
Car	DC/AC	Pick Volts (DC or AC)	Hold Volts (DC Only)	Coil Resistance	Coil Amperage	Emergency (2 nd) Brake	Independent (2 nd) Brake Data		
1	<input type="checkbox"/> DC <input type="checkbox"/> AC (3 Phase) (default) <input type="checkbox"/> AC (1 Phase)					<input type="checkbox"/> 120vac Hollister-Whitney Rope Gripper <input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> Draka Rope Brake (* below)			
2	<input type="checkbox"/> DC <input type="checkbox"/> AC (3 Phase) (default) <input type="checkbox"/> AC (1 Phase)					<input type="checkbox"/> 120vac Hollister-Whitney Rope Gripper <input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> Draka Rope Brake (* below)			
3	<input type="checkbox"/> DC <input type="checkbox"/> AC (3 Phase) (default) <input type="checkbox"/> AC (1 Phase)					<input type="checkbox"/> 120vac Hollister-Whitney Rope Gripper <input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> Draka Rope Brake (* below)			
4	<input type="checkbox"/> DC <input type="checkbox"/> AC (3 Phase) (default) <input type="checkbox"/> AC (1 Phase)					<input type="checkbox"/> 120vac Hollister-Whitney Rope Gripper <input type="checkbox"/> Independent 2nd DC Brake on Motor <input type="checkbox"/> Draka Rope Brake (* below)			

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

* For Draka 6501 Rope Brake (If Supplied by Smartrise)

☐ Rope Spread ☐ Rope Diameter

Motor Control Preference
<input type="checkbox"/> Magnetek (default)
<input type="checkbox"/> K.E.B.
<input type="checkbox"/> Magnetek Quattro AC

We will notify you if the preference chosen cannot be honored

Filters
<input type="checkbox"/> Line Reactor
<input type="checkbox"/> EMI/RFI Filter
<input type="checkbox"/> Harmonic Filter

Notes and Special Instructions

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Special Features		Not Required <input type="checkbox"/>
<input type="checkbox"/> Remote (2 nd) Fire Keyswitch & Lamp <input type="checkbox"/> Earthquake <small>(Includes Buzzer and Lamp)</small> <input type="checkbox"/> Car-to-Lobby Keyswitch <input type="checkbox"/> Fan and Light Auto Shutoff Circuit <small>(CT only)</small> <input type="checkbox"/> Machine Room Cabinet Light <input type="checkbox"/> Machine Room Cabinet Power Plug <input type="checkbox"/> Mechanical Normal Limits <small>(Mechanical Switches not provided by Smartrise)</small>	<input type="checkbox"/> Shunt-Trip <input type="checkbox"/> Flood Sensor <input type="checkbox"/> 'S' Button	

Special Modes of Operation		Not Required <input type="checkbox"/>
<input type="checkbox"/> Independent Service (default) Hoistway Access <input type="checkbox"/> Yes (default) <input type="checkbox"/> No <input type="checkbox"/> In-Car Inspection Switch (uses top/bottom car calls) <input type="checkbox"/> CT Inspection requires an In Car Inspection (Hoist-way or IC) <input type="checkbox"/> Non-standard <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Medical Emergency Service (provide floor(s) on page 8) <input type="checkbox"/> Building is a Hospital with keys at every floor <small>In Car Buzzer, In Car Lamp, and Hallway Lamp at each Floor are included</small> <input type="checkbox"/> Non-hospital – Phase 1 key at main level only <small>In Car Buzzer and In Car Lamp are included</small> </div> <input type="checkbox"/> Sabbath (attach spec) Other <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		

Attendant Service		Not Required <input type="checkbox"/>
<input type="checkbox"/> Attendant Service (Is NOT Independent Service) <input type="checkbox"/> In Car Buzzer <input type="checkbox"/> In Car Lamp Choose 1: <input type="checkbox"/> Hall Call Above/Below Lamps (default) <input type="checkbox"/> Non-directional (all hall call lamps) <input type="checkbox"/> Other : _____		

Emergency Power (if generator cannot run all cars)		Not Required <input type="checkbox"/>
E.P. Contact from Generator is <input type="checkbox"/> Normally Open <input type="checkbox"/> Normally Closed Power Pre-Transfer Contact from Generator is <input type="checkbox"/> Normally Open (default) <input type="checkbox"/> Normally Closed <input type="checkbox"/> Not Present <input type="checkbox"/> Emergency Power Car Selector Switch <input type="checkbox"/> Single Car Selection (default) <input type="checkbox"/> Multiple Car Selection (provide details below) <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <input type="text"/> Number of cars the generator can operate simultaneously <small>(default value is 1 car)</small> </div> <input type="checkbox"/> Generator powers other Simplex/Groups		

Car Call Security (specify floors on page 9)		Not Required <input type="checkbox"/>
<input type="checkbox"/> Using COP Floor Buttons as Code Entry <input type="checkbox"/> Using Dry Contacts from Card Readers and/or Keyswitches <input type="checkbox"/> Input in Car Station (default) <input type="checkbox"/> Input in Machine Room <input type="checkbox"/> Override Security When on Independent Service or Attendant Service <input type="checkbox"/> Provide a Car Call Security Override Input <input type="checkbox"/> Input in Car Station (default) <input type="checkbox"/> Input in Machine Room <input type="checkbox"/> Door Open Button Functions on Secured Landings Other Considerations <div style="border: 1px solid black; height: 150px; width: 100%;"></div>		

Hall Call Security		Not Required <input type="checkbox"/>
<input type="checkbox"/> Provide Enable/Disable all Hall Calls Input (simplex) <input type="checkbox"/> Provide a Hall Call Security Override Input (per floor) <input type="checkbox"/> Dry Contacts in Hall Fixtures <input type="checkbox"/> Signals in Machine Room <small>(default)</small> Other Considerations <div style="border: 1px solid black; height: 50px; width: 100%;"></div>		

Controller Monitoring System		Not Required <input type="checkbox"/>
<u>Designed and Manufactured by Smartrise Engineering</u> <input type="checkbox"/> SmartView 2.0 Monitoring Quantity <input type="text"/> Number of 7 Inch Viewing Devices <input type="text"/> Number of 11 Inch Viewing Devices <input type="text"/> Number of 19 Inch Viewing Devices <input type="checkbox"/> Access outside of Machine Room <small>Outside machine room requires cloud subscription through Smartrise and internet access. Inside the machine room requires WiFi on PC or tablet.</small> <u>Designed and Manufactured by Integrated Display Systems</u> <input type="checkbox"/> Lift-Net (interface only) <u>Designed and Manufactured by Kings III of America</u> <input type="checkbox"/> ORM (interface only)		

☐ Drake
 ☐ James Monroe

☐ Not Required

	TRAVELER CABLE #1	TRAVELER CABLE #2	TRAVELER CABLE #3	TRAVELER CABLE #4	TRAVELER CABLE #5
CUSTOM LABELING	Yes	Yes	Yes	No	No
# OF CONDUCTORS	26	33	43	27	69
CORE	Jute	Steel	Steel	Jute	Steel
DIAMETER	1.040"	1.190"	1.370"	0.940"	1.570"
# OF 14 AWG	4	4	4	3	5
# OF 18 AWG	14	20	23	20	40
# OF 20 AWG SHIELD	4	4	7	2	11
COAXIAL (RG/6U)	0	1	2	0	2
APPROVALS / BOTH	UL Type ETT, NEC Compliant, CSA Type ETT, CSA FT1				

Length of Cable(s)
Per car (in feet)

	Car 1	
	Car 2	
	Car 3	
	Car 4	
	Car 5	
	Car 6	

☐

HOISTWAY CABLE
Yes
21
N/A
0.640
0
21
0
0
UL & CSA Hoistway NEC Compliant

In Car Position Indicator		Not Required
<input type="checkbox"/> CE Micro Com (default)	<input type="checkbox"/> Discrete Signals (one line per floor)	
<input type="checkbox"/> Emotive 3-Wire	<input type="checkbox"/> Discrete Signals (binary)	
<input type="checkbox"/> DL-20 (interface only)	<input type="checkbox"/> RSL	
	Other: _____	

In Car Arrival Lantern		Not Required
<input type="checkbox"/> CE Micro Com (default)	<input type="checkbox"/> Discrete Signals	
<input type="checkbox"/> Emotive 3-Wire	Bulb/Chime wattage (if Discrete):	<input type="text"/>
	<input type="checkbox"/> RSL	
Other: _____		

In Car Passing Chime		Not Required <input type="radio"/>
<input type="checkbox"/> CE Micro Com (default)	<input type="checkbox"/> Discrete Signal	<input type="checkbox"/> RSL
<input type="checkbox"/> Emotive 3-Wire	Bulb/Chime wattage (if Discrete): <input style="width: 100px;" type="text"/>	

In Car Voice Annunciator	Not Required
<input type="checkbox"/> CE Micro Com <input type="checkbox"/> Emotive 3-Wire <input type="checkbox"/> Speaker is Remote	
<input type="checkbox"/> RSL	
Provided By: <input type="checkbox"/> Smartrise <input type="checkbox"/> Customer (must be CE or Emotive 3 wire - default)	
Other: _____	

Load Weighing		Not Required
Load Weigher Provided By		<input type="checkbox"/> Overload Lamp
<input type="checkbox"/> Smartrise (EMCO)	<input type="checkbox"/> Customer	<input type="checkbox"/> Anti-Nuisance
<input type="text"/> # Ropes	<input type="text"/> Rope Diameter	<input type="checkbox"/> 1:1 Roping
		<input type="checkbox"/> 2:1 Roping

In Hall Position Indicator		Not Required
<input type="checkbox"/> CE Micro Com (default)	<input type="checkbox"/> Discrete Signals (one line per floor)	
<input type="checkbox"/> Emotive 3-Wire	<input type="checkbox"/> Discrete Signals (binary)	
<input type="checkbox"/> EX-51/EX31 (interface only)	<input type="checkbox"/> RSL	
<input type="text"/> # of Floors with Hall Position Indicators		
Other: _____		

In Hall Arrival Lanterns	Not Required
<input type="checkbox"/> First Floor Only (Discrete)	<input type="checkbox"/> CE Micro Com Lanterns (Type: SA130M Req.)
<input type="checkbox"/> All Floors (Smartrise Hall Boards)	<input type="checkbox"/> Emotive 3-Wire
<input type="checkbox"/> EX-51/EX31(interface only)	<input type="checkbox"/> RSL
<input type="checkbox"/> If Lamps/Gongs are not 24VDC/6 Watt. (explain below)	
<div style="border: 1px solid black; height: 100px; width: 100%;"></div>	

Lobby Panel	Not Required
<input type="checkbox"/> Door Open Lamp	<input type="checkbox"/> In Use Lamp
<input type="checkbox"/> On Independent Svc. Lamp	<input type="checkbox"/> In Service Lamp
<input type="checkbox"/> Emergency Power Lamp	
Other Requirements	

Door Type 1

All

Car 1

Car 2

Car 3

Car 4

Hall Door Type

Auto Passenger

(default)

Powered Freight

(see * below)

Manual

Other

Select Door Operator

<div></div>	Abell	ATS 0090	Field "EZ"
<div></div>	GAL	MODCTL	24vdc interface relays
<div></div>	GAL	MOD	L, G, or X
<div></div>	GAL	MOVFR	230vac input voltage
<div></div>	Kone	Mac	104 or 105D interface board
<div></div>	Kone	PMSSC	104 or 105D interface board
<div></div>	Otis	AT-400	240 AC/120 VDC Interface
<div></div>	Otis	AT-400/Glide P	Multi-Drop
<div></div>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110vac)
<div></div>	TKE	Dover HD-73	Type D/I/O
<div></div>	TKE	Dover HD-91	DC Motor
<div></div>	TKE	HDLM	Requires UIT_I/O Card
<div></div>	Fermator	VVVF5	Linear Door Operator
<div></div>	None		Manual Car Gate
<div></div>	Peelle	Wireless	*Input Freight/door information at bottom
<div></div>	Courion	ILearn	
<div></div>	EMS		
<div></div>	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 Considerations

Door Type 2

All

Car 1

Car 2

Car 3

Car 4

Hall Door Type

Auto Passenger

(default)

Powered Freight

(see * below)

Manual

Other

Select Door Operator

<div></div>	Abell	ATS 0090	Field "EZ"
<div></div>	GAL	MODCTL	24vdc interface relays
<div></div>	GAL	MOD	L, G, or X
<div></div>	GAL	MOVFR	230vac input voltage
<div></div>	Kone	Mac	104 or 105D interface board
<div></div>	Kone	PMSSC	104 or 105D interface board
<div></div>	Otis	AT-400	240 AC/120 VDC Interface
<div></div>	Otis	AT-400/Glide P	Multi-Drop
<div></div>	TKE	Dover HD-03	Requires IO Card: 6300TX2 (110vac)
<div></div>	TKE	Dover HD-73	Type D/I/O
<div></div>	TKE	Dover HD-91	DC Motor
<div></div>	TKE	HDLM	Requires UIT_I/O Card
<div></div>	Fermator	VVVF5	Linear Door Operator
<div></div>	None		Manual Car Gate
<div></div>	Peelle	Wireless	*Input Freight/door information at bottom
<div></div>	Courion	ILearn	
<div></div>	EMS		
<div></div>	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 Considerations

* Freight/Other Door Operator Info

Manufacturer

Model

Reference #'s

Job Prints from Door Manufacturer are Required

Notes and Special Instructions:

Floor Information			Floor Openings				Car Call Security				Hall Call Security				Hosp	
PI Labels	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
	27															
	26															
	25															
	24															
	23															
	22															
	21															
	20															
	19															
	18															
	17															
	16															
	15															
	14															
	13															
	12															
	11															
	10															
	9															
	8															
	7															
	6															
	5															
	4															
	3															
	2															
	1															
Default Pit -> PI labels (default 4ft)			Pit				Pit				Pit				Pit	
<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>			<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>				<input type="checkbox"/> All cars same as Car 1 <input type="checkbox"/> All walk-through <input type="checkbox"/> All front Number of floors: <input type="text"/>									

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 please select boxes above.

☐ Include Hall Network Cat5 package
 Controller (MR) to Hall Network (Hoist-way) Cat5 Cable Length
 ☐ 25 ft (default)
 ☐ 50 ft
 ☐ 100 ft

☐ F ☐ R Walkthrough Only: Top Location of Hoist-way Up/Dn Switch Car #s _____

☐ F ☐ R Walkthrough Only: Bottom Location of Hoist-way Up/Dn Switch Car #s _____

Hoist-Way Considerations

Ambient Light Present in Hoist Way ☐ Corner Post Rails

Notes and Special Instructions:

Overlay with Existing Equipment

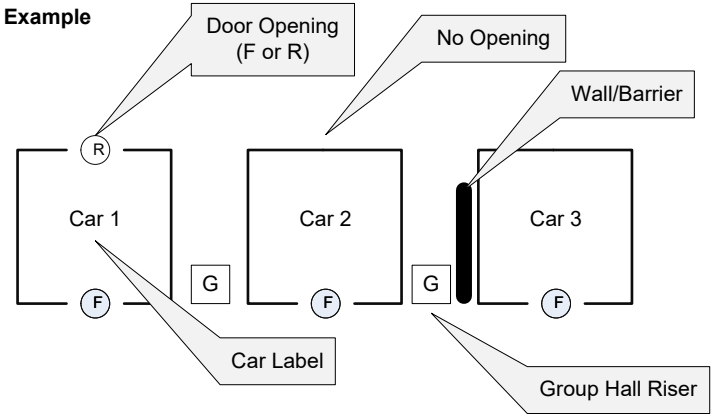
☐ Cross Cancellation System

☐ Cross Registration System

When you choose one of the above a Smartrise engineer will contact you to gather details about the existing elevator controllers.

Important: Provide Physical Layout on Sheet 9

Elevator(s) Physical Layout



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

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

Traction Motor Purchase from Smartrise

* Complete only if purchasing a motor from Smartrise
* All other motor data is 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

Existing Motor Information

Manufacturer:

Frame Size/Style:

Foot Mount

Flange Mount

HP

Volts

RPM

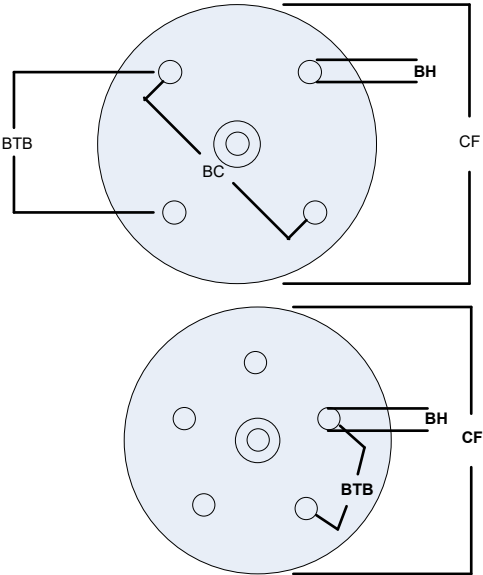
Car Speed

Car Capacity

Machine Location

Overhead

 Basement



Notes and Special Instructions