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C4 TRACTION DC

Engineering Data Form – Page 1

Rev 23.0 092426

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 DC - Table of Contents

1. Job Information
2. Shipping & Pre-Wire
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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:
☐ Federal ☐ Health Care ☐ Financial
☐ Education ☐ Hospitality ☐ 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:

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:

Technical Bulletin Notifications

☐ Same as Purchaser Information
☐ Same as Engineering Contact Information

Name:
Phone:
Email:
Address:

Shipping and Pre-Wire

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

☐ Dupar ☐ ERM ☐ Monitor ☐ Other
☐ SEES ☐ Innovation ☐ PTL
☐ EPCO ☐ MAD
☐ Elevator Cabs and Surfaces

Company 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 (Aluminum Isolation Transformers are standard)

☐ Provided By Customer (Customer to provide drawing)

☐ Secondary Voltage

☐ kVA

☐ Data Plate Copy Included

Environmental Considerations

Not Required ☐

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

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

☐ Cabinet Forced Air cooled (Add fan and filter)

☐ Arc Flash Protection

☐ Special attention to hoistway shaft (Provide details in notes below)

☐ Outdoor or Hostile (Industrial Environment)

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

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

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

Landing System:
☐ CEDES Landing System (Default)
☐ Elgo Landing System (IP 54)

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

Car Operating Panel

☐ Single Panel (Default) ☐ Dual Panels

☐ Remote COP (Discrete in M/R)

Is Touch Screen required? ☐ Yes ☐ No

☐ CE Elite ☐ Pixel Opal Touch

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

Notes and Special Instructions

Configuration

☐ Simplex ☐ # Cars

☐ Group ☐ # Cars in Group ☐ # of Hall Risers/Group

☐ Swing Riser, Car # ☐

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

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

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

Other:_____

Build to Job Specifications

Not Required ☐

☐ Buy American **(Additional cost will be incurred)**

Total Contract Price: ☐

☐ 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

☐ 2022
☐ 2019
☐ 2016
☐ 2013
☐ 2010
☐ 2007
☐ 2004
☐ 2000

Additional Local Code

☐ NYC (Appendix K)
☐ No Fire Service

☐ Detroit
☐ Massachusetts
☐ Ontario
☐ Florida

Connection Package (Run Box)

Not Required ☐

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

☐ with Pendant Light (Optional)

CAT5 Package

Not Required ☐

☐ Include Hall Network CAT5 package

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

☐ 25 ft (Default) ☐ 50 ft ☐ 100 ft

Traction Features, Motor Data, Encoder Data, and Brake Data

Traction Features (☐ 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	Encoder Provided By	Customer Supplied Encoder Info
1			☐ Smartrise (Default) ☐ None ☐ Customer (Include info in notes)	Make
2			☐ Smartrise (Default) ☐ None ☐ Customer (Include info in notes)	
3			☐ Smartrise (Default) ☐ None ☐ Customer (Include info in notes)	Model
4			☐ Smartrise (Default) ☐ None ☐ Customer (Include info in notes)	

Additional Motor Data for DC Motors (☐ **Data for all cars is the same as car 1)** — Below values measured at what Car Speed: ☐

Field Values - Failure to provide data will result in delay of controller shipment — **Armature Values (at Contract Speed)** Failure to provide data will result in delay of controller shipment

Car	Forcing Voltage	Full Speed Voltage	Standing Voltage	Ripple Filter (Default)	Coil Config.	Field Resistance	Resistance Value Acquired From	Resistance Value While Coil Is ...	Up at Contract Speed (VDC)	Down at Contract Speed (VDC)	Up at Full Capacity (amps)	Down at Full Capacity (amps)
1				☐	☐ Series ☐ Parallel		☐ Datasheet ☐ Measured	☐ Cold ☐ Hot				
2				☐	☐ Series ☐ Parallel		☐ Datasheet ☐ Measured	☐ Cold ☐ Hot				
3				☐	☐ Series ☐ Parallel		☐ Datasheet ☐ Measured	☐ Cold ☐ Hot				
4				☐	☐ Series ☐ Parallel		☐ Datasheet ☐ Measured	☐ Cold ☐ Hot				

Motor/Encoder Data (☐ 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	Machine Type	Location	Rope Ratio	Sheave Dia.	Gear Ratio	Encodr PPR	Enc Cable Length	Enc Shaft Dia
1						☐ Geared ☐ Gearless	☐ Overhead ☐ Basement						
2						☐ Geared ☐ Gearless	☐ Overhead ☐ Basement						
3						☐ Geared ☐ Gearless	☐ Overhead ☐ Basement						
4						☐ Geared ☐ Gearless	☐ Overhead ☐ Basement						

Brake Data (☐ Data for all cars is the same as car 1) **Failure to provide data will result in delay of controller shipment**

Car	DC	Pick Volts (DC Only)	Hold Volts (DC Only)	Coil Resistance	Coil Amperage	Emergency (2nd) Brake	Independent (2nd) Brake Data: Pick VDC	Hold VDC	Coil Ω	Coil Amp
1	☐ DC (Default)					☐ 120 VAC Hollister-Whitney Rope Gripper ☐ Draka Rope Brake ☐ Independent 2nd DC Brake on Motor				
2	☐ DC (Default)					☐ 120 VAC Hollister-Whitney Rope Gripper ☐ Draka Rope Brake ☐ Independent 2nd DC Brake on Motor				
3	☐ DC (Default)					☐ 120 VAC Hollister-Whitney Rope Gripper ☐ Draka Rope Brake ☐ Independent 2nd DC Brake on Motor				
4	☐ DC (Default)					☐ 120 VAC Hollister-Whitney Rope Gripper ☐ Draka Rope Brake ☐ Independent 2nd DC Brake on Motor				

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: ☐

Motor Control Preference

☐ Magnetek DSD 412 (Default)

☐ Magnetek Quattro DC (Enclosed)

We will notify you if the preference chosen cannot be honored

Notes and Special Instructions

Features and Functions

Special Features — Not Required ☐

- ☐ Remote (2nd) Fire Key Switch & Lamp
- ☐ Earthquake (Includes Buzzer and Lamp)
- ☐ Car-to-Lobby Key Switch
- ☐ Fan and Light Auto Shutoff Circuit (CT only)
- ☐ Machine Room Cabinet Power Plug
- ☐ Reduced Stroke Buffer
- ☐ 2nd Final Limit (MRL Only)
- ☐ Out Of Service Switch
- ☐ Shunt-Trip
- ☐ Flood Sensor

Specify Flood Floor (Label): ☐

(Default is the first floor above the lowest floor)

- ☐ 'S' Button
- ☐ Machine Room Cabinet Light
- ☐ Enclosure Legs
- ☐ Inching Operation

Special Modes of Operation — Not Required ☐

Independent Service/Hoistway Access (Default)

☐ In-Car Inspection Switch

Medical Emergency Service (Provide floor(s) on page 8)

☐ Building is a Hospital with keys at every floor
In Car Buzzer, In Car Lamp, and Hallway Lamp at each Floor are Included

☐ Non-Hospital – Phase 1 key at main level only
In Car Buzzer and In Car Lamp are Included

☐ Sabbath

☐ Patient Security

Specify Patient Security Floors (Labels): ☐

(Default: All floors)

Controller Monitoring System — Not Required ☐

Designed and Manufactured by Smartrise Engineering

- ☐ Local Monitoring (Lobby/ Engineering/ Management)**
- ☐ Local Monitoring (No Wi-Fi hardwire only)**
- ☐ Remote Monitoring (Cloud) – Requires Internet Connection**

Designed and Manufactured by Integrated Display Systems

- ☐ Lift-Net 2.0 Modbus**
- ☐ Lift-Net with USB RS-422 Interface (Serial)**
- ☐ Lift-Net with Moxa Unit Interface (Ethernet/ LAN)**
- ☐ BACnet**

IP address	
Subnet Mask	
DNS	
Gateway	
Users needing login profiles for remote/predictive cloud login. Email address.	

Customers must provide Static network settings to integrate into existing networks. Not providing this will not hinder engineering or production.

If the above information is not available at time of ordering, the customer will have to call Smartrise Tech Support to set up finalization of monitoring interfacing.

Monitoring Viewing Devices — Not Required ☐

All-in-One Touchscreen PCs: ☐ 24" ☐ 27"

Tablets: ☐ 8" ☐ 11"

Laptops: ☐ 15"

Car Call Security (Specify floors on page 8) — Not Required ☐

- ☐ Using COP Floor Buttons as Code Entry
- ☐ Using Dry Contacts from Card Readers and/or Key Switches
  - ☐ Input in Car Station ☐ Inputs in Machine Room (Default)
- ☐ Provide a Car Call Security Override Input
  - ☐ Input in Car Station ☐ Input in Machine Room (Default)
- ☐ Door Open Functions on Secured Landings

Notes

Hall Call Security — Not Required ☐

- ☐ Provide Enable/Disable all Hall Calls Input (Simplex)
- ☐ Provide a Hall Call Security Overide Input (Per floor)
  - ☐ Dry Contacts in Hall Fixtures (Default) ☐ Signal in Machine Room

Attendant Service — Not Required ☐

☐ Attendant Service (Is NOT Independent Service)

☐ In Car Buzzer ☐ In Car Lamp

Choose 1: ☐ Hall Call Above/Below Lamps (Default)

☐ 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 ☐

E.P. Contact from Generator is

☐ Normally Open ☐ Normally Closed

Power Pre-Transfer Contact from Generator is

☐ Normally Open (Default) ☐ Normally Closed ☐ Not Present

☐ Emergency Power Car Selector Switch

☐ Single Car Selection (Default) ☐ Multiple Car Selection

This section applies to the sequencing of elevators when a combination of multiple machine room, groups and simplexes are in the same building.

Number of cars the generator can power *simultaneously*: ☐

Answer the below only if this generator powers other cars (not included in this job):

Number of Smartrise Cars: ☐ Simplexes ☐ Groups

* Provide Smartrise Job Numbers: ☐

Traveler and Hoistway Cable (Purchase from Smartrise)

☐ Not Required

	☐ C4 Traveler Cable #1	☐ C4 Traveler Cable #2	☐ Traveler Cable #5
# OF CONDUCTORS	19	35	69
CORE	Steel	Steel	Steel
DIAMETER	0.90"	1.36"	1.570"
# OF 14 AWG	4	4	5
# OF 18 AWG	7	18	40
# OF 20 AWG SHIELD	4 Pair	6 Pair	11 Pair
COAXIAL (RC/6U)	No	1	2
APPROVALS/BOTH	UL Type ETT> NEC Compliant, CSA Type ETT, CSA FT1		

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

		☐ C4 Hoistway Cable
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 — ☐ Not Required

☐ CE Micro Com (Default) ☐ Discrete Signals (One line per floor)
☐ MWSF: Hands Free ☐ Discrete Signals (Binary)
☐ VIDATECH (CAN) ☐ MAD (CAN)
☐ Pixel Technology

Other: _____

In Car Arrival Lantern — ☐ Not Required

☐ CE Micro Com (Default) ☐ Discrete Signals
☐ MAD (CAN) Bulb/Chime wattage (If discrete): ☐
☐ Pixel Technology (Connected to PIXEL PI)

Other: _____

In Car Passing Chime — ☐ Not Required

☐ CE Micro Com (Default) ☐ Discrete Signal
☐ MAD Bulb/Chime wattage (If discrete): ☐

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

Load Weighing — ☐ Not Required

Load Weigher Provided By

☐ Smartise

☐ Overload Lamp
☐ Anti-Nuisance
☐ 1:1 Roping
☐ 2:1 Roping

In Hall Position Indicator — ☐ Not Required

☐ CE Micro Com (Default) ☐ Discrete Signals (One line per floor)
☐ VIDATECH (CAN) ☐ Discrete Signals (Binary)
☐ Pixel Technology
☐ # of Floors with Hall Position Indicators
☐ MAD (CAN)
☐ MWSF: Hands Free

Other: _____

In Hall Arrival Lanterns — ☐ Not Required

☐ First Floor Only (Discrete) ☐ CE Micro Com Lanterns (Type: SA130M Req.)
☐ All Floors (Smartrise Hall Boards) ☐ MAD (Smartrise Hall Boards)
☐ Pixel Technology (Connected to AD-2TS SERIAL CHIME)
☐ If Lamps/Gongs are not 24 VDC / 6 **Watt (Explain** below)

Lobby Panel — ☐ Not Required

☐ Door Open Lamp ☐ In Use Lamp
☐ On Independent Svc. Lamp ☐ In Service Lamp
☐ Out of Service Lamp ☐ Normal Power Lamp
☐ At Recall Lamp

Other Requirements

Car Door

Front Door Type

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

All	Car 1	Car 2	Car 3	Car 4
☐	☐	☐	☐	☐

Hall Door Type

☐ Auto Passenger (Default) ☐ Manual

Car Door Type

☐ Auto Passenger (Default) ☐ Manual (See ♦ below) ☐ Powered Freight (See * below)

Select Door Operator

☐	Abell	ATS 0090	Field "EZ"
☐	Fermator	VVVF5	Linear Door Operator
☐	GAL	MODCTL	24 VDC Interface Relays
☐	GAL	MOD	(L, G, or X) Motor Armature Voltage:
☐	GAL	MOVFR	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	GAL	MOVFE	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	Kone	AMD	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC Model #: ☐ 1.5 ☐ 2.0
☐	Kone	Mac	104 or 105D Interface Board
☐	Kone	PMSSC	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC 104 or 105D Interface Board
☐	Otis	AT400	120 VDC (Discrete Only & Power Supply by Smartrise)
☐	Otis	Glide A	220 VAC (Discrete Only)
☐	Otis	Glide P	220 VAC (Discrete Only)
☐	SEES	Smooth Operator	Input Voltage: ☐ 220 VAC ☐ 110 VAC
☐	TKE	Dover HD-03	Input Voltage: (Only M Models)
☐	TKE	Dover HD-73	Motor Armature Voltage: (Type D/IVO)
☐	TKE	Dover HD-91	Motor Armature Voltage: (DC Motor)
☐	TKE	HD-85	Motor Armature Voltage:
☐	TKE	HDLM	Input Voltage: AMPS: Requires UIT_I/O Card
☐	TKE	LD-16	Input Voltage:
☐	TKE	ECI	Input Voltage:
☐	Wittur	SGV: MIDI/Supra	V1 Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC V2 (Default) Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	EMS		*Input Freight/Door Information at Bottom
☐	Courion		
☐	Peelle		
☐	Langer + Laumann	TSG V4	Input Voltage: ☐ 230 VAC (Default) ☐ 115 VAC
☐	Other		*Input Other Door Information at Bottom

☐ Door Protection

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

♦ Manual Car Door CAM Type/Information

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

Rear Door Type

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

All	Car 1	Car 2	Car 3	Car 4
☐	☐	☐	☐	☐

Hall Door Type

☐ Auto Passenger (Default) ☐ Manual

Car Door Type

☐ Auto Passenger (Default) ☐ Manual (See ♦ below) ☐ Powered Freight (See * below)

Select Door Operator

☐	Abell	ATS 0090	Field "EZ"
☐	Fermator	VVVF5	Linear Door Operator
☐	GAL	MODCTL	24 VDC Interface Relays
☐	GAL	MOD	(L, G, or X) Motor Armature Voltage:
☐	GAL	MOVFR	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	GAL	MOVFE	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	Kone	AMD	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC Model #: ☐ 1.5 ☐ 2.0
☐	Kone	Mac	104 or 105D Interface Board
☐	Kone	PMSSC	Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC 104 or 105D Interface Board
☐	Otis	AT400	120 VDC (Discrete Only & Power Supply by Smartrise)
☐	Otis	Glide A	220 VAC (Discrete Only)
☐	Otis	Glide P	220 VAC (Discrete Only)
☐	SEES	Smooth Operator	Input Voltage: ☐ 220 VAC ☐ 110 VAC
☐	TKE	Dover HD-03	Input Voltage: (Only M Models)
☐	TKE	Dover HD-73	Motor Armature Voltage: (Type D/IVO)
☐	TKE	Dover HD-91	Motor Armature Voltage: (DC Motor)
☐	TKE	HD-85	Motor Armature Voltage:
☐	TKE	HDLM	Input Voltage: AMPS: Requires UIT_I/O Card
☐	TKE	LD-16	Input Voltage:
☐	TKE	ECI	Input Voltage:
☐	Wittur	SGV: MIDI/Supra	V1 Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC V2 (Default) Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	EMS		*Input Freight/Door Information at Bottom
☐	Courion		
☐	Peelle		
☐	Langer + Laumann	TSG V4	Input Voltage: ☐ 230 VAC (Default) ☐ 115 VAC
☐	Other		*Input Other Door Information at Bottom

☐ Door Protection

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

♦ Manual Car Door CAM Type/Information

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

*Freight/Other Door Operation Information

Manufacturer

Model

Reference #'s

Job Prints from Door Manufacturer are Required

Notes and Special Instructions:

Landings and Openings

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

Floor Information (1-24)

Floor Index	Floor Label	Floor Height
Overhead Default 13ft		
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 Labels	Pit -> (Default 4th)	

☐☐ 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.

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

☐ All cars same as Car 1

Floor Openings

Car 1		Car 2		Car 3		Car 4	
F	R	F	R	F	R	F	R
☐	☐	☐	☐	☐	☐	☐	☐

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			
			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
Overhead Default 13ft																												
64																												
63																												
62																												
61																												
60																												
59																												
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29																												
28																												
27																												
26																												
25																												
Enter height between landings 24 and 25 ⇒																												

Additional Landings and Openings (65-96)

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			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
95			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
94			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
93			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
92			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
91			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
90			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
89			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
88			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
87			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
86			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
85			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
84			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
83			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
82			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
81			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
80			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
79			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
78			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
77			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
76			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
75			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
74			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
73			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
72			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
71			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
70			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
69			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
68			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
67			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
66			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
65			☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐	☐ ☐
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 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
24			☐	☐	☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐	☐	☐
9			☐	☐	☐	☐	☐	☐	☐	☐
8			☐	☐	☐	☐	☐	☐	☐	☐
7			☐	☐	☐	☐	☐	☐	☐	☐
6			☐	☐	☐	☐	☐	☐	☐	☐
5			☐	☐	☐	☐	☐	☐	☐	☐
4			☐	☐	☐	☐	☐	☐	☐	☐
3			☐	☐	☐	☐	☐	☐	☐	☐
2			☐	☐	☐	☐	☐	☐	☐	☐
1			☐	☐	☐	☐	☐	☐	☐	☐
Pit			Pit							

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	
			F	R	F	R	F	R	F	R
48			☐	☐	☐	☐	☐	☐	☐	☐
47			☐	☐	☐	☐	☐	☐	☐	☐
46			☐	☐	☐	☐	☐	☐	☐	☐
45			☐	☐	☐	☐	☐	☐	☐	☐
44			☐	☐	☐	☐	☐	☐	☐	☐
43			☐	☐	☐	☐	☐	☐	☐	☐
42			☐	☐	☐	☐	☐	☐	☐	☐
41			☐	☐	☐	☐	☐	☐	☐	☐
40			☐	☐	☐	☐	☐	☐	☐	☐
39			☐	☐	☐	☐	☐	☐	☐	☐
38			☐	☐	☐	☐	☐	☐	☐	☐
37			☐	☐	☐	☐	☐	☐	☐	☐
36			☐	☐	☐	☐	☐	☐	☐	☐
35			☐	☐	☐	☐	☐	☐	☐	☐
34			☐	☐	☐	☐	☐	☐	☐	☐
33			☐	☐	☐	☐	☐	☐	☐	☐
32			☐	☐	☐	☐	☐	☐	☐	☐
31			☐	☐	☐	☐	☐	☐	☐	☐
30			☐	☐	☐	☐	☐	☐	☐	☐
29			☐	☐	☐	☐	☐	☐	☐	☐
28			☐	☐	☐	☐	☐	☐	☐	☐
27			☐	☐	☐	☐	☐	☐	☐	☐
26			☐	☐	☐	☐	☐	☐	☐	☐
25			☐	☐	☐	☐	☐	☐	☐	☐

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)

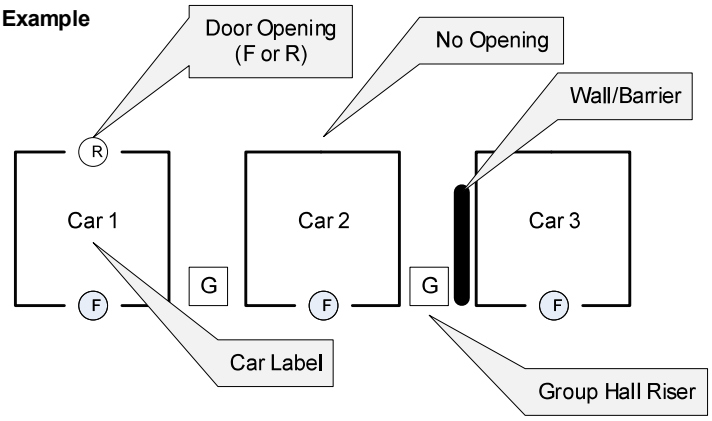
Continued from page 11

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			☐	☐	☐	☐	☐	☐	☐	☐
71			☐	☐	☐	☐	☐	☐	☐	☐
70			☐	☐	☐	☐	☐	☐	☐	☐
69			☐	☐	☐	☐	☐	☐	☐	☐
68			☐	☐	☐	☐	☐	☐	☐	☐
67			☐	☐	☐	☐	☐	☐	☐	☐
66			☐	☐	☐	☐	☐	☐	☐	☐
65			☐	☐	☐	☐	☐	☐	☐	☐
64			☐	☐	☐	☐	☐	☐	☐	☐
63			☐	☐	☐	☐	☐	☐	☐	☐
62			☐	☐	☐	☐	☐	☐	☐	☐
61			☐	☐	☐	☐	☐	☐	☐	☐
60			☐	☐	☐	☐	☐	☐	☐	☐
59			☐	☐	☐	☐	☐	☐	☐	☐
58			☐	☐	☐	☐	☐	☐	☐	☐
57			☐	☐	☐	☐	☐	☐	☐	☐
56			☐	☐	☐	☐	☐	☐	☐	☐
55			☐	☐	☐	☐	☐	☐	☐	☐
54			☐	☐	☐	☐	☐	☐	☐	☐
53			☐	☐	☐	☐	☐	☐	☐	☐
52			☐	☐	☐	☐	☐	☐	☐	☐
51			☐	☐	☐	☐	☐	☐	☐	☐
50			☐	☐	☐	☐	☐	☐	☐	☐
49			☐	☐	☐	☐	☐	☐	☐	☐

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			☐	☐	☐	☐	☐	☐	☐	☐
95			☐	☐	☐	☐	☐	☐	☐	☐
94			☐	☐	☐	☐	☐	☐	☐	☐
93			☐	☐	☐	☐	☐	☐	☐	☐
92			☐	☐	☐	☐	☐	☐	☐	☐
91			☐	☐	☐	☐	☐	☐	☐	☐
90			☐	☐	☐	☐	☐	☐	☐	☐
89			☐	☐	☐	☐	☐	☐	☐	☐
88			☐	☐	☐	☐	☐	☐	☐	☐
87			☐	☐	☐	☐	☐	☐	☐	☐
86			☐	☐	☐	☐	☐	☐	☐	☐
85			☐	☐	☐	☐	☐	☐	☐	☐
84			☐	☐	☐	☐	☐	☐	☐	☐
83			☐	☐	☐	☐	☐	☐	☐	☐
82			☐	☐	☐	☐	☐	☐	☐	☐
81			☐	☐	☐	☐	☐	☐	☐	☐
80			☐	☐	☐	☐	☐	☐	☐	☐
79			☐	☐	☐	☐	☐	☐	☐	☐
78			☐	☐	☐	☐	☐	☐	☐	☐
77			☐	☐	☐	☐	☐	☐	☐	☐
76			☐	☐	☐	☐	☐	☐	☐	☐
75			☐	☐	☐	☐	☐	☐	☐	☐
74			☐	☐	☐	☐	☐	☐	☐	☐
73			☐	☐	☐	☐	☐	☐	☐	☐

Elevator(s) Physical Layout

Example



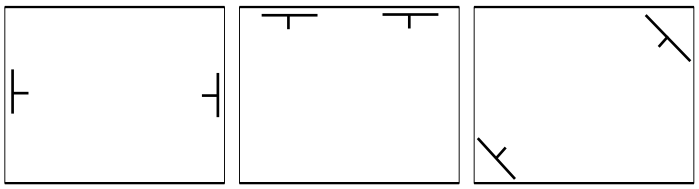
Draw a topographical map of elevator(s) location on grid provided.

* Accurately label each car by number/letter
* Mark openings a F (front) or R (rear)
* Label risers as:
  - G = Group Riser
  - I = Inconspicuous Riser
  - H = Hospital Service Riser
* Draw in walls/barriers (heavy line)

Notes/Special Considerations

Hoistway Consideration

☐ (Default) ☐ ☐



Guide Rail Option

- ☐ T89 (Default)
- ☐ 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

Existing Machine Information

Machine Brand
Model
Style
Counter Weight Percentage:

Exiting Motor Information

Manufacturer:
Frame Size/Style:
☐ Foot Mount ☐ Flange Mount
HP Volts RPM
Car Speed
Car Capacity
Machine Location ☐ Overhead ☐ Basement

New Motor Information

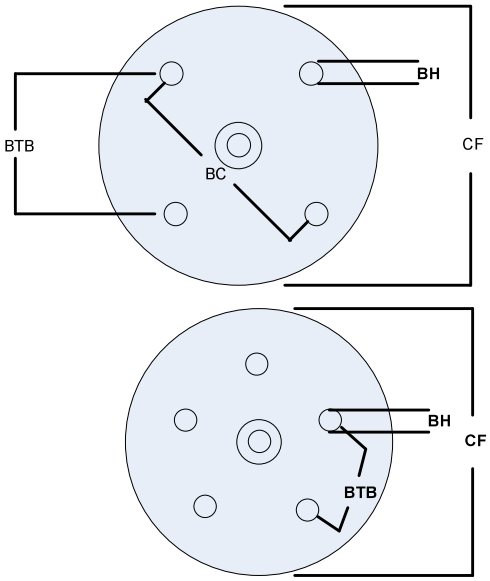
Volts
RPM
☐ Straight Shaft
☐ Tapered Shaft

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



Notes and Special Instructions