

# **C4 TRACTION DC**

Engineering Data Form - Page 1

Rev 16.0 300125

#### 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.

City: State: Zip Code:

• If a category is not completed, the default option will be assumed.

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	4. Motor Data, Encoder Data, and Brake Data	10. Landings and Openings (65-96)
	5. Features & Functions	11. Elevator(s) Physical Layout
	6. Cables and Fixtures	12. Motor Purchase from Smartrise
Job Details	This document can be edited, saved,	and submitted electronically using Adobe Reader.
Job Details		Modulo Community
Job Name:		Market Segment: Financial
PO#:		Federal Health Care Residential
Job Location (	(City & State):	Education Hospitality Other
Purchasers In	nformation: (If Packager, Fill in End User Info on Right	End User Information: (For Packager Use Only)
Name:		Name:
Tit <b>l</b> e:		Title:
Company:		Company:
Phone:	Fax:	Phone: Fax:
Cell:		Cell:
Email:		Email:
	Contact Information: (If different than above)	Job Site Address: (Address Where Controller(s) Will Be Installed)
Name:		Street:
Phone:	Fax:	
Cell:		City:
Email:		State:
	Date Filled Out	Zip Code:
Building Own	er/Manager Information	
Name:		
Phone:		<b>-</b>
Email:		<b>]</b>
Street:		1

# **Shipping and Pre-Wire**

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Shipping Information	
Contact Name:	
Phone:	
Contact Fax/Email:	
Smartrise Call Prior to Shipping: Yes No	ı
Carrier Call for Delivery Appointment: Yes No	ı
Lift Gate Required: Yes No	
<u>Freight Terms</u>	s Carrier Name:
	ccount Number:
Will Call	Collect Third-Party
	Third-Party Billing (Duties & Taxes)
Pre-paid	
Ship to Name/Company:	Bill To Address:
Shipping Address:	
Shipping Schedule	Control (1)
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	
Additional Snipping 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	Company Name:
Dupar ERM Monitor Other	Ship to Address:
ECC Innovation PTL	
Elevator Cabs and Surfaces	
Job Reference:	Contact Person at Mfg.
	<del></del>

### **General Controller Information**

Electrical Main Line and Transformer Specification	Configuration
Main Line Specification:	Simplex # Cars
Main Line Volts (Transformer required if there is more than a 10% difference between the main line and motor volts)	
Three Phase (Default)	Group # Cars in Group # of Hall Risers/Group
VAC L1 to GND VAC L2 to GND VAC L3 to GND	Swing Riser, Car #
Single Phase	Selective Collective (2 buttons/floor, multiple calls) (Default)
Hz (Main Line is 60Hz unless otherwise stated)	Non-Selective Collective (1 button/floor, multiple calls)
Main Line Transformer (If Customer Requires)	Non-Selective Non-collective (1 button/floor, 1 call at a time)
Provided by Smartrise(Aluminum Isolation Transformers are standard)	Other:
Provided By Customer (Customer to provide drawing)	
Secondary Voltage	
kVA	Build to Job Specifications Not Required
Data Plate Copy Included	We will review the spec and provide a list of exceptions, when necessary
Environmental Considerations Not Required	Job needs to be built to meet Engineering Specifications in Document provided EXCEPT those listed below (Provide
Controller Cabinet Air-pressure cooled (Add Vortex) (Customer to provide Air Compressor)	page/section and description of exceptions)
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:	ASME 17.1 Elevator Safety Code Compliance
1 (Default) 4 4X 7 12	2022 Additional Local Code
Top of Car Enclosure NEMA Rating:	2019
1 (Default) 4 4X 7 12	2016 2013
Landing System NEMA Rating:	2013 2010 NYC (Appendix K) Detroit
1 (Default) 4 4X 7 12	2007 No Fire Service Massachusetts
*NEMA 4/4X requires ELGO Landing System	2004 Ontario
O O water a Barrat	2000 Florida
Car Operating Panel	
Single Panel (Default)  Dual Panels	Connection Package (Run Box)
Remote COP (Discrete in M/R)	SmartConnect Package – Recommended
Is the CE Elite Touch Screen required?	(Pre-Wired Car Top Inspection Box included)
☐ Yes ☐ No	with Pendant Light
*NOTE: CE should provide CE3868 board	with Switch Guards
Notes and Special Instructions	

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

																			Rev	10.0 300 125
	ion Feat	٠,٢			1				) Fa	ilure 1	o pro	vide d	ata v	will res	ult in delay	of con	troller sh	ipment	Custon	Cupplied
Car	Contr Spee		Са	pacity	-	coder Prov														ner Supplied oder Info
1						Smartrise (Defa Customer (Incl		None notes											<u> </u>	Make
2					=	Smartrise (Def Customer (Incl		None notes												
3						Smartrise (Defa	_	None notes											<u>                                     </u>	Model
4					=	Smartrise (Def		_												
Addit	tional Mo	otor Da	ta fo	r DC Mo	tors (	Data for	r all car	s is t	he	same	as ca	ır 1)			Below valu	es mea	sured at v	what Car S <sub>l</sub>	beed:	
	Field Va	ues -	ailui	e to pro	vide d	ata will res	sult in d	lelay	of	contro	oller s	hipme	nt		Α	rmature	Values	(at Contra	ct Spee	ed)
Car	Forcing Voltage	Full Spe Voltag		Standing Voltage	Ripple Filter	Coil Config.	Field Resista			istance quired l			tance le Coi	Value I Is	Up at Contra		at Contract ed (VDC)	Up at Full Capacity (am		own at Full acity (amps)
1						Series Parallel		]	=	Datashee Measure		Co								
2						Series Parallel		[	_	Datashee Measure		Co								
3						Series Parallel		]	= -	Datashe Measure		Сс								
4						Series Parallel		]	_	Datashe Measure		Сс	old							
	<i></i>	- D - 1		Data fa				. 4) .				• • • • • •								
Car	r/Encode	hine Br			Motor	· FIA	ne as ca	r 1) i RPi					1		It in delay o	Sheave	Gear	Encodr	Enc Cbl	Enc Shaft
1 1	IVIAC	illie bi	anu/n	nouei	Volts	TLA	ПР	KFI	VI		achine Beared			Overhea	ad Ratio	Dia.	Ratio	PPR	Length	Dia
2										=	Searless Seared	3	+	Baseme Overhea						
											Searless seared	5		Baseme						
3										G	earless	i	H	Baseme	-					
4	<u> </u>										earless	i		Baseme	1 1					
Brake	e Data (	Data	for a								data v	will res	ult i	n delay	of control	ler ship	ment			
Car	D	3			volts or AC)	Hold Volts (DC Only)	Coi Resista			Coil nperage				Emerg	jency (2 <sup>nd</sup> ) Brak	9		Independ Pick VDC Hol		Brake Data IΩ Coil Amp
1	_	DC Default)										0 VAC Heal			Rope Gripper		endent 2nd rake on Mot	or		
2		DC efault)										0 VAC H			Rope Gripper		endent 2nd rake on Mot	or		
3		DC efault)										20 VAC H		-	Rope Gripper		endent 2nd rake on Mot	or		
4		DC Default)										20 VAC H aka Rope		-	Rope Gripper		endent 2nd rake on Mot	or		
	·I										Holli	ister-W	hitne	у Коре	Gripper <b>if</b>	NOT 12	0 VAC. S	pecify Volta	age:	
We w	r Contro Magnete Magnete vill notify y	k DSD k Quatt you if th	412 ( ro DC	Default) C (Enclos	ŕ	n cannot be	e honore	ed												

### **Features and Functions**

<u>Notebook</u>

Lenovo Idea Pad

15"

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Special Features	Not Required O	Car Call Security (Specify floors on page 8	) Not Required
Remote (2 <sup>nd</sup> ) 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 (Ontario Only)  Inching Operation  Special Modes of Operation  Independent Service (Default)  Hoistway Access Yes (Default)  No  In-Car Inspection Switch	Shunt-Trip Flood Sensor ecify Flood Floor (Label):  'S' Button Machine Room Cabinet Light Enclosure Legs  Not Required	Override Security When on Independen Serviced  Provide a Car Call Security Override Inp	and/or Key Switches lachine Room t Service or Attendant out
Building is a Hospital with keys at every flo	,	Hall Call Security	Not Required
In Car Buzzer, In Car Lamp, and Hallway Lamp at each Non-Hospital – Phase 1 key at main level of In Car Buzzer and In Car Lamp are Included  Sabbath (Attach Spec)  Times		Provide Enable/Disable all Hall Calls Inp Provide a Hall Call Security Overide Inp Dry Contacts in Hall Fixtures (Default) Signa	ut (Per floor) I in Machine Room
Start End  Key Switch  Patient Security  Specify Patient Security Floors (Labels):		Attendant Service  Attendant Service (Is NOT Independent Se  In Car Buzzer In Car Lamp  Choose 1: Hall Call Above/Below Lamps (Default)  Non-Directional All Hall Call Lamps	
Key Switch  Patient Security	Not Required (	Attendant Service (Is NOT Independent Se	ervice)
Key Switch  Patient Security  Specify Patient Security Floors (Labels):	ring gement) net Connection y Systems  LAN)	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  Other:  Emergency Power (If Generator Cannot Run  E.P. Contact from Generator is  Normally Open Normally Closed  Power Pre-Transfer Contact from Generator is  Normally Open (Default) Normally Closed  Emergency Power Car Selector Switch  Single Car Selection (Default) Multiple Car Selection applies to the sequencing of eleval multiple machine room, groups and simplexes and Number of cars the generator can power simultate Answer the below only if this generator powers this job):	All Cars)Not Required  Not Present  ection tors when a combination of are in the same building.  neously:

		Not Required
# OF CONDUCTORS 19 31 69 CORE Steel Steel Steel Steel DIAMETER 0.90" 1.36" 1.570" # OF 14 AWG 4 4 5 # OF 20 AWG SHIELD 4 Pair 6 Pair 11 Pair COAXIAL (RC/6U) No 1 2  APPROVALS/BOTH C4 Traveler Cable #2 Traveler Cable #3 1 69  C4 Traveler Cable #3 1 69 Steel S	Length of Cable(s) Per Car (in feet)  Car 1 Car 2 Car 3 Car 4 Car 5 Car 6	C4 Hoistway Cable  26 N/A 0.55"  26 0 0 No
All Fixtures Must Be 24 VDC / 6 Wat	s Max.	
n Car Position Indicator Not Required	In Hall Position Indicator	Not Required (
CE Micro Com (Default) Discrete Signals (One line per floor)  MWSF: Hands Free Discrete Signals (Binary)  VIDATECH (CAN) MAD (CAN)  Other:	# of Floors with Hall Position Indicators	e Signals (One line per floo e Signals (Binary)  MAD (CAN)  MWSF: Hands Free
n Car Arrival Lantern Not Required	Other:	
CE Micro Com (Default) Discrete Signals  MAD (CAN) Bulb/Chime wattage (If discrete):  Other:  The Car Passing Chime Not Required CE Micro Com (Default) Discrete Signals  Bulb/Chime wattage (If discrete):	In Hall Arrival Lanterns  First Floor Only (Discrete)  All Floors (Smartrise Hall Boards)  If Lamps/Gongs are not 24 VDC / 6 Wa	Not Required ( CE Micro Com Lantern (Type: SA130M Req.
Load Weighing Not Required	Lobby Panel	Not Described.
Load Weigher Provided By Smartise Overload Lamp Anti-Nuisance  1:1 Roping 2:1 Roping	Door Open Lamp On Independent Svc. Lamp Out of Service Lamp Battery Lowering Lamp Emergency Power Lamp Other Requirements	Not Required ( In Use Lamp In Service Lamp Normal Power Lamp At Recall Lamp

		L	Jse this doo	or for all cars o	r specify which	ch cars use it		] [	_		Use this do	or for all cars o	or specify which	ch cars use	it
	Front Door Type		All	Car 1	Car 2	Car 3	Car 4		Rear Door Type		All	Car 1	Car 2	Car 3	Car 4
								Į  ∟							
На	all Door Type								all Door Type						
	Auto Passenge	r (Default)		Manual					Auto Passeng	er (Defau	lt)	Manual			
Ca	ar Door Type								ar Door Type						
	Auto Passenge	er (Default)		Manual		d Freight			Auto Passeng	jer (Defau	ult)	Manual		d Freight	
Se	lect Door Ope	rator		(See + below)	(See * belo	ow)		S	elect Door Op	erator		(See + below)	(See * bel	ow)	
	Abell	ATS	0090	Field "EZ"					Abell	ATS	S 0090	Field "EZ"	1		
	Fermator	VVV	/F5	Linear Do	or Operato	or			Fermator	V	/VF5	Linear Do	or Operato	or	
	GAL	MOD	CTL	24 VDC Ir	nterface R	elays			GAL	МО	DCTL	24 VDC Ir	nterface R	elays	
	GAL	МС	DD d	(L, G, or X) M	otor Armatur	e Voltage:			GAL	N	1OD	(L, G, or X) M	lotor Armatur	e Voltage:	
	GAL	MO\	/FR	Input Volta	ige: 230	O VAC	120 VAC		GAL	МС	OVFR	Input Volta	nge: 230	O VAC [	120 VAC
	GAL	MOV	VFEE	Input Volta	ae: 230	0 VAC	120 VAC		GAL	MC	OVFEE	Input Volta		_	120 VAC
	Kone	AME		Input Volta		0 VAC	120 VAC 2.0		Kone	AN		Input Volta	<u> </u>	O VAC [	120 VAC
П	Kone	Mac	;	104 or 105					Kone	Ma	ac	104 or 105			
	Kone	PMS	SSC	Input Volta	<u> </u>		120 VAC		Kone	PN	ISSC	Input Volta	• –	_	] 120 VAC
П	Otis	AT4	00	120 VDC (Disc	crete Only & P	ower Supply b	oy Smartrise)		Otis	AT	400	120 VDC (Disc	rete Only & Po	ower Supply	by Smartrise)
	Otis	Glide	e A	220 VAC (	Discrete C	Only)			Otis	Gli	de A	220 VAC (	Discrete C	Only)	
	Otis	Glide	e P	220 VAC (	Discrete C	Only)			Otis	Gli	de P	220 VAC (	Discrete C	Only)	
	SEES	Smooth (	Operator	Input Volta	ıge: 🗌 220	0 VAC	110 VAC		SEES	Smootl	h Operator	Input Volta	ige: 🗌 220	O VAC [	110 VAC
	TKE	Dover I	HD-03	Input Volta	ige:	(Only	/ M Models)		TKE	Dove	r HD-03	Input Volta	ige:	(Or	nly M Models)
	TKE	Dover I	HD-73	Motor Armatu	re Voltage:		(Type D/IVO)		TKE	Dove	r HD-73	Motor Armatu	ıre Voltage:		(Type D/IVO)
	TKE	Dover I	HD-91	Motor Armatu	re Voltage:		(DC Motor)		TKE	Dove	r HD-91	Motor Armatu	ıre Voltage:		(DC Motor)
	TKE	HD-	85	Motor Armatu	re Voltage:				TKE	HE	)-85	Motor Armatu	re Voltage:		
	TICE			Input Voltage	e:	AMPS	S:		1 -14-			Input Voltage	e:	AMI	PS:
	TKE	HDL	_IM	Requires UI	T_I/O Card	l		╽╟	] TKE	HL	DLM	Requires U	IT_I/O Card	l	
	TKE	LD-	16	Input Volta	ige:				TKE	LD	-16	Input Volta	ıge:		
	TKE	EC	CI .	Input Volta	ige:				TKE	E	:CI	Input Volta	ıge:		
	Wittur	Mini/Sup	ra, SGV	Input Volta	ige: 🗌 230	0 VAC	120 VAC		Wittur	Mini/Su	ıpra, SGV	Input Volta	ige: 🗌 230	OVAC [	120 VAC
	EMS			*					EMS			**	/ D		
	Courion			*Input Fre	eignt/Door	Information	on at		Courion			Bottom	eight/Door	intorma	tion at
	Peelle								Peelle						
	Other		k	Input Othe	er Door In	formation	at Bottom		Other			*Input Othe	er Door In	formatio	n at Bottom
_	Door Prote	ction							Door Prote	oction					
	_ ☐ Photo Eye/Ligh	t	□ Me	chanica I Safet	v Edge	☐ Door H	lold Button	╽╽└	 ☐ Photo Eye/Ligl	nt	Πм	echanical Safe	tv Edge	□ Doo	r Hold Button
+ N	Curtain (Default								Curtain (Defau						
	Mechanical							╽┝	Mechanical						
	DC		Volts		Α	mps			DC		Volts		A	mps	
	AC (3-Phase)		Volts			mps			AC (3-Phase	)	Volts			mps	
	AC (Single Ph	iase)	Volts			mps			AC (Single P		Volts			mps	
*Fr	reight/Other Do	oor Ope	ration In	formation				L N	lotes and Spec	ial Inst	ructions:				
_									-						
M	anufacturer														
	Model														
Re	eference #'s														
Jol	b Prints from D	oor Mar	nufacture	er are Red	uired										

Floor (Instruction (1-24)   Floor Openings   Car Call Security   Hall	Ch	eck this	s box if m	nore than 2	4 landin	gs (con	tinued	on page	9 for lan	dings	25-64)	)						
See and Spotal Instructions  Office 13th	F			. ,		F <b>l</b> oor O	pening	s	Ca	ar Call	Securit	ty	F	lall Call	Secur	ity	Hosp	Destination Dispatch
Social table					Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4		
22 23 26 36 37 38 38 39 39 30 30 30 30 30 30 30 30 30 30 30 30 30					FR	F R	FR	FR	FR	F R	FR	FR	FR	FR	F R	FR	FR	
22   23   24   25   25   25   25   25   25   25		24																
Section   Sect		23																
See		22																
Total History Rover Store St		21																
19   17   18   18   19   19   19   19   19   19		20																
19   17   18   18   19   19   19   19   19   19		19																
Total Holistway   File   Fil		18																
See above and Special Instructions   See above and Special Instructions   See above and Special Instructions   See above and select the floors with Klosks and the corresponding quantity of Klosks required		17															1	
15   14   15   15   15   15   15   15		16															1	
13   19   19   19   19   19   19   19		15																
13   12   14   19   19   19   19   19   19   19																		
11   19   19   19   19   19   19   19		13																
11   10   10   10   10   10   10   10	_						H								==		1	
Total Hoistway Height (ft)   All cars same as Car1   All valk-through   All front   Number of floors   Note Maximum of eight klosks per floor   Note and Special Instructions:   Pit   Vedericus controller (MR) to Hall Network (Hoistway) CAT5 Cable Length   25 ft (Default)   50 ft   100 ft   Note Required   Pit   Vedericus controller (MR) to Hall Network (Hoistway) CAT5 Cable Length   25 ft (Default)   50 ft   100 ft   Note Required   Pit   Note Required   Pit   Note Required   Pit   Note Required   Pit					<b>⋬</b>												1	
9 8 8 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9																		
Repair   Pit   P																		
Total Hoistway Height (ft)  Car 1  Car 2  Car 3  Car 4  All cars same as Car 1  All cars same as Car 1  All cars same as Car 1  All walk-through All front Number of floors Numb																		
General Pictures   First Lobby Box   All cars same as Car1   All cars same as Car1   All walk-through   All front   Number of floors   Number of	_																1	
S   4   4   3   3   3   3   3   3   3   3																	1	
4   3   2   2   2   2   2   2   2   2   2																		
a   2																	I —	
2																		
1																	1	
Pit													1				1	
All cars same as Car 1   All walk-through   All front   All fron	\		Dit s					ШЦ				ШЦ				ШЦ		
Main FirerLobby Rock Alt Fire Floor Alt Fire Floor Alt Fire Floor We will default to the lobby landing and the landing above for main and alternate fire floor respectively  Total Hoistway Height (ft) Car 1 Car 2 Car 3 Car 4 All cars same as Car 1  Walkitrough All walk-through All front Number of floors					<u> </u>												Pit	Pit
All Fire Floor    All front   All front   All front   Number of floors   Number of floors   Number of floors			ain Finall a	hhu Daar					l			Car 1				Car 1		
We will default to the lobby landing and the landing and the landing and the landing and default to the lobby landing and default to the lobby landing and default to the landing and the landing and default to the landing and default to the landing and the landing and the landing and the landing and default to the landing and default the landing and default to the landing and default the landing and default to the landing a				•			through				irough				rough			Ŭ
the lobby landing and the landing and the landing and the landing above for man and attentate fire floor respectively    Total Hoistway Height (ft)	Wowill		$\neg$				floors				loors				oors			
Include Hall Network CAT5 package   Controller (MR) to Hall Network (Hoistway) CAT5 Cable Length   25 ft (Default)   50 ft   100 ft	thelobb	y <b>l</b> anding								If mix	red F/R	select	hoxes a	hove			<u> </u>	
Total Hoistway Height (ft)  Car 1  Car 2  Car 3  Car 4  All cars same as Car 1  Not Required  Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  F R Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  Full (All Floors)  Hybrid (Kiosks/Conventional Hall Riser Combination)  (See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	above fo	or main				nclude	Hall Ne	etwork (	AT5 pack			, 001000						
Car 1					Contr	oller (N	IR) to F	lall Netv	vork (Hois	tway)	CAT5 C	Cable Le	ength [	25 ft (	Defaul	t) 🗌	50 ft 🗆	100 ft
Height (ft)  Car 1  Car 2  Car 3  Car 4  All cars same as Car 1  Not Required  Figure    Walkthrough Only: Top Location of Hoistway Up/Dn Switch Car # s  Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  Full (All Floors)  Hybrid (Kiosks/Conventional Hall Riser Combination)  (See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.			Total Hoi	istway							Smart I	Dispato	ching					Not Required
Car 2  Car 3  Car 4  All cars same as Car 1  Destination Dispatch  Not Required  Full (All Floors)  Hybrid (Kiosks/Conventional Hall Riser Combination)  (See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.			Height	t (ft)								Lobby I	Boost (Le	obby O	nly)			
Car 3  Car 4  All cars same as Car 1  Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car # s  Full (All Floors)  Hybrid (Kiosks/Conventional Hall Riser Combination)  (See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.		-				Location	on of Hoist	tway Up/Di	n Switch Car									N ( 5 )
Car 4						- \/\dl\db	arough On	ly: Pottom	_	ŀ	Destina	ation D	ispatch					Not Required
All cars same as Car 1  Hybrid (Kiosks/Conventional Hall Riser Combination)  (See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	-				FR				n Switch Car	# s		Full (All	Floors)					
(See above and select the floors with Kiosks and the corresponding quantity of Kiosks required)  Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	<u> </u>		s same a	as Car 1					<u></u>		Ħ,	Hvbrid (	Kiosks/C	Convent	onal H	all Rise	r Combina	ation)
Notes and Special Instructions:  Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	_	7 00			J													•
Overlay with Existing Equipment  Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	Notes an	d Sned	rial Inetru	ictions:											ors wi	th Kiosk	s and the	corresponding
Cross Registration System  When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.	NUICS AL	a oper	aai iii Sii U	0110113.							7	٦	)verlav v	vith F vi	stina F	Eguinm	ent	
When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers.																		
to gather details about the existing elevator controllers.													Cro	ss Regi	stratio	n Systei	m	
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### Landings and Openings (25-64)

Rev 16.0 300125

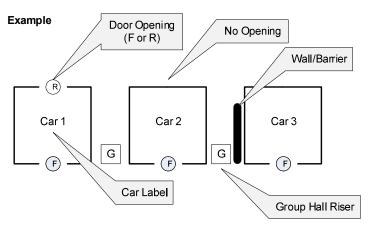
Continued from page 8 Check this box if more than 64 landings (continued on page 10 for landings 65-96)

Floor		on (25 <b>-</b> 64)		F <b>l</b> oor O	penings		ar Call	Securi	ty		Iall Call	Securi	ty	Hosp	Destination Dispatch
Floor	Floor	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		
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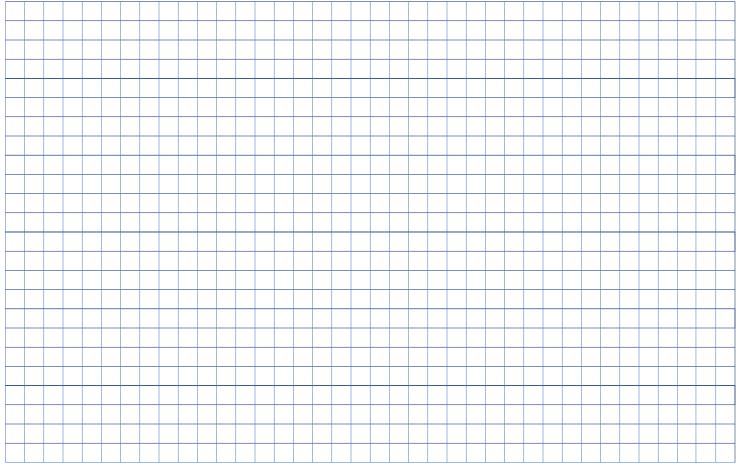
Floor Height		-1001 C	penings	s		ar Call	Securi	ty		Hall Call	Securi	ty	Hosp	Destination Dispato
5.5	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4	Car 1	Car 2	Car 3	Car 4		
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# Elevator(s) Physical Layout



Draw a topographical map of elevator(s) location on grid provided.
* Accurately label each car by number/letter  * Mark openings a F (front) or R (rear)  * Label risers as:  G = Group Riser I = Inconspicuous Riser H = Hospital Service Riser  * Draw in walls/barriers (heavy line)
Notes/Special Considerations

Hoistway Consideration		
		Guide Rail Option
		Т89
		Т90
	7	T125
<u> </u>		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	Exiting Motor Information
Machine Brand	Manufacturer:
Model	Frame Size/Style:
Style	Foot Mount Flange Mount
Counter Weight Percentage:	HP Volts RPM
New Motor Information	Car Speed
Volts Encoder Cable Length	Car Capacity Car Capacity
RPM 30 Ft.	Machine Location Overhead
40 Ft.	Basement
50 Ft. Straight Shaft Other Ft.	
Tapered Shaft	
	J 1
Coupling Survey (Only If Provided by Smartrise)	
(CF) Coupling Flange Diameter	Вн
Number of Mounting Bolts	
Bolt Size	BTB CF
(BH) Bolt Hole Diameter	BC
(BTB) Center Bolt to Center	
Bolt (BC) Bolt Circle	
	ВН
	CF
	BTB/
	<b>,</b>
Notes and Special Instructions	