

Smartrise Engineering, Inc 2601 Fair Oaks Blvd. Sacramento, CA 95864 Phone: 916.457.5129 – Fax: 916.457.4948 sales@smartrise.us www.smartrise.us

HYDRAULIC

Engineering Data Form – Page 1

.....

160701

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.

Table of Contents							
1. Job Information	6. Fixtures						
2. Shipping & Pre-Wire	7. Car Door Data						
3. General Controller Information	8. Landings and Openings						
4. Motor and Valve Data	9. Elevator(s) Physical Layout						
5. Features & Functions							
This document can be edited, saved, and submitted electronically using Adobe Reader.							

Job Details	
Job Name: PO #: Job Location (City & State)	Market Segment: Financial Federal Health Care Residential Education Hospitality Other
Purchasers Information: (If packager fill in End User Info on right)	End User Information: (for packager use only)
Name:	Name:
Name:	

Notes and Special Instructions

Shipping and Pre-Wire

HYDRAULIC - Engineering Data Form – Page 2

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
Freight Terms Customer's Carrier Name:
Use Smartrise Carrier: Yes No Carrier's Account Number: Carrier's Account Number: Collect Third Party Will Call Pre-paid Pre-paid
Ship to Name/Company:Bill To Address:
Shipping Address:
Shipping Schedule
Controller(s) Desired Ship Date from Smartrise Controller(s) Desired Ship Date from Smartrise
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 Company Name:
Innovation ECC Other Other Ship to Address: Monitor MAD PTL Otis RSL Car Calls RSL Hall Calls
Job Reference: Contact Person at Mfg.

General Controller Information

Electrical Main Line and Transformer Specification	Configuration
Main Line Specification: Main Line Volts (Transformer required if motor volts are different more than 10%)	Simplex # Cars
Three Phase (default)	Group # Cars in Group # of Hall Risers/Group
Single Phase	Group Redundancy Swing Riser, Car #
Hz (Main Line is 60Hz unless stated otherwise)	Selective Collective (2 buttons/floor, multiple calls)
Main Line Transformer (If Customer Requires)	Non-Selective Collective (1 button/floor, multiple calls)
Provided by Smartrise	Non-Selective Non-collective (1 button/floor, 1 call at a time)
Provided By Customer (customer to provide drawing)	
Secondary Voltage	Build to Job Specifications Not Required
kVA	We will review the spec and will provide a list of exceptions when necessary.
Data Plate Copy Included	Job needs to be built to meet Engineering Specifications in Document provided EXCEPT those listed below (Provide
Environmental Considerations Not Required	Page/Section & Description of exceptions)
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 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)	
	ASME 17.1 Elevator Safety Code Compliance
Connection Package (Run Box)	2016 Additional Local Code
SmartConnect Package - Recommended (Pre-Wired Car Top Inspection Box Included) Otis	
Car Operating Panel	2007 2004 NYC (Appendix K)
Single Panel (deafult) Other	2000 No Fire Service MASSACHUSETTS
Dual Panels Remote Panel	Controller Layout Preference
Notes and Special Instructions	Standard (MR, CT, and COP) (default)
	No Cartop
	Custom:
	We will notify you if the preference chosen cannot be honored

Hydraulic Features, Motor, and Valve Data

HYDRAULIC - Engineering Data Form – Page 4

Hydra	aulic Fea	tures (Feat	ures for	all cars is	the same as car	 Failure to provide d 	ata will resu	lt in delay of	controller ship	pment Not Applicable 🔵
Car	Contra Spee		Capacity Battery Lowering Low Pressure, Low					/iscosity /	Roped	Gov Reset Coil Is Is 24vdc Is 120vac	
1						are all included.					
2											
3											
4											
						_					Only if Roped Hydro
Motor	r & Valve	e Data (Data	for all o	ars is the	same as car 1) F	ailure to provide data	will result in	delay of con	troller shipme	ent
Car	# Motor	Motor						# of Valves	# of Coils		
Cai	Leads	Volts	FLA	HP	Valve	e Brand/Model	Valve Volts	(1 Standard)		Dual Jacks	
1			FLA	HP	Valve	e Brand/Model	Valve Volts Must be 110/115/120 vac			Dual Jacks	
1 2			FLA	HP	Valve	e Brand/Model				Dual Jacks	-
1			FLA	HP	Valve	Brand/Model	Must be 110/115/120 vac			Dual Jacks	-
1			FLA	HP	Valve	e Brand/Model	Must be 110/115/120 vac Must be 110/115/120 vac			Dual Jacks	-

Hydraulic Motor Control Preference

Sprecher+Schuh (Soft Starter) (default)

Siemens (Soft Starter)

Wye-Delta (via Contactors)

Across the Line (via Contactors)

We will notify you if the preference chosen cannot be honored

Notes and Special Instructions

Features & Functions

HYDRAULIC - Engineering Data Form – Page 5

Special Features	Not Required 🔵	Car Call Security (specify floors on page 9)	Not Required
Remote (2 nd) Fire Keyswitch & Lamp Earthquake (Includes Buzzer and Lamp) Car-to-Lobby Keyswitch Fan and Light Auto Shutoff Circuit (CT only) Machine Room Cabinet Light Machine Room Cabinet Power Plug Mechanical Normal Limits (Mechanical Switches not provided by Smartrise)	Shunt-Trip Flood Sensor 'S' Button	Using COP Floor Buttons as Code Entry Using Dry Contacts from Card Readers and/or Inputs in Car Station (default) Inputs in Machine Room Override Security When on Independent Servi Service Provide a Car Call Security Override Input Input in Car Station (default) Input in Machine Room Door Open Button Functions on Secured Lance Other Considerations	ce or Attendant
Special Modes of Operation Independent Service (default) Hoistway Access Yes (default) No In-Car Inspection Switch (uses top/bottom CT Inspection requires an In Car Inspection			
Non-standard Medical Emergency Service (provide floor(s) on Building is a Hospital with keys at every In Car Buzzer, In Car Lamp, and Hallway Lamp at each Non-hospital – Phase 1 key at main leve In Car Buzzer and In Car Lamp are included Sabbath (attach spec) Other	floor ch Floor are included	Hall Call Security Provide Enable/Disable all Hall Calls Input (sin Provide a Hall Call Security Override Input (pe Dry Contacts in Hall Fixtures Signals in Mach Other Considerations	er floor)
Emergency Power (if generator cannot run all c E.P. Contact from Generator is Normally Open Normally Open Normally Open Normally Open Normally Open Normally Open Normally Closed Nother Pre-Transfer Contact from Generator is (default) Emergency Power Car Selector Switch Single Car Selection Multiple Car Selection (pro (default) Number of cars the generator can operative (default value is 1 car) Generator powers other Simplex/Groups.	sent vide details below)	Controller Monitoring System Designed and Manufactured by Smartrise Engineer SmartView 2.0 Monitoring Quantity Quantity Number of 7 Inch Viewing Device Number of 11 Inch Viewing Device Number of 19 Inch Viewing Device Access outside of Machine Room Outside machine room requires cloud subscription through Saccess. Inside the machine room requires WiFi on PC or tabe Designed and Manufactured by Integrated Display Saccess Lift-Net (interface only) Designed and Manufactured by Kings III of America	ces ices ices Smartrise and internet let. Systems

L

Cables and Fixtures

			Not Required
Traveler Cable (type 1) ▲ C Traveler Cable: Part # TCJ26SR Four 14 AWG Fourteen 18 AWG Four 20 AWG Shielded Jacketed Pairs Jute Core Textile Braid and PVC Jacket Kellum Support Grip Pair	R ► Traveler Cable (type 2) Traveler Cable: Part # TCS) Four 14 AWG Twenty 18 AWG Four 20 AWG Shielded Jacketed Pairs One RG 6/U Coaxial Cable Steel Core Textile Braid and PVC Jack Kellum Support Grip Pair	Car 1 Car 2 Car 3 Car 4 Car 5	Hoistway Cable Hoistway Cable, Part #HC2118SR Twenty-one 18 AWG Insulated Conductors
• All Fixtures must b			
In Car Position Indicator	Not Required	In Hall Position Indicator	Not Required
Emotive 3-Wire Discre		CE Micro Com (default) Emotive 3-Wire EX-51 (interface only) # of Floors with Hall P Other:	Discrete Signals (one line per floor) Discrete Signals (binary) RSL Position Indicators
In Car Arrival Lantern	Not Required 🔵		
Emotive 3-Wire Bulb/Chime RSL Other: In Car Passing Chime CE Micro Com (default) Discret	e Signals wattage (if Discrete):	In Hall Arrival Lanterns First Floor Only (Discrete All Floors (Smartrise Hal EX-51/EX31 (interface or If Lamps/Gongs are not :	I Boards) Emotive 3-Wire
In Car Voice Annunciator	Not Required		
CE Micro Com Emotive 3-Wir	e Speaker is Remote	Lobby Panel	Not Required
Provided By: Smartrise Customer (must b	RSL	Door Open Lamp On Independent Svc. La	In Use Lamp
Other:		Other Requirements	

Car Door

Door Use this door for all cars, or specify which cars use it											
Туре	All	Car 1	Car 2	Car 3	Car 4						
1	□ F □ R	□ F □ R	F	□ F □ R	□ F □ R						
Hall Door Type											
Auto Passenge (default)	er Powered Fre (see * below)		lanual]Other							
Select Door Ope	erator										
Abell	ATS 0090	Field "EZ									
GAL	MODCTL	24vdc int	erface rela	ays							
GAL	MOD	L, G, or X	<								
GAL	MOVFR	230vac ii	nput voltag	je							
Kone	Мас	104 or 10)5D interfa	ice board							
Kone	PMSSC	104 or 10)5D interfa	ice board							
Otis	AT-400	240 AC/1	20 VDC li	nterface							
Otis	AT-400/Glide P	Multi-Dro	p								
TKE	Dover HD-03	Requires	IO Card:	6300TX2 (110vac)						
TKE	Dover HD-73	Type D/I	VO								
TKE	Dover HD-91	DC Moto	r								
TKE	HDLM	Requires UIT_I/O Card									
Fermator	VVVF5	Linear De	oor Operat	tor							
None		Manual Car Gate									
Peelle	Wireless	*1									
Courion	ILearn	*Input Freight/door information at bottom									
EMS			,,,,,								
Other		*Input Ot bottom	her door ir	nformation	at						
Door Protection Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Other Door Considerations											
* Freight/Other D	oor Operator Inf	ō									

HYDRAULIC - Engineering Data Form – Page 7

Type All Car 1 Car 2 Car 3 Car 4 P </th <th></th> <th>Door</th> <th></th> <th colspan="8">Use this door for all cars, or specify which cars use it</th>		Door		Use this door for all cars, or specify which cars use it									
Hall Door Type Auto Passenger Powered Freight (default) Manual Other Select Door Operator Abell ATS 0090 Field "EZ" GAL MODCTL 24vdc interface relays GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor Requires UIT_I/O Card *Input Freight/door information at bottom Courion ILearn *Input Freight/door information at bottom EMS *Input Other door information at bottom Other Mcha		Туре		All	Car 1	Car 2	Car 3	Car 4					
Auto Passenger Powered Freight (see * below) Manual Other Select Door Operator Abell ATS 0090 Field *EZ" GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom Courion ILearn *Input Other door information at bottom Other *Input Other door information at bottom Cam Mechanical Safety Edge Door Hold Buton (default) Orge Amps		2		F	F	F	F	F					
Auto Passenger Powered Freight (see * below) Manual Other Select Door Operator Abell ATS 0090 Field *EZ" GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom Courion ILearn *Input Other door information at bottom Other *Input Other door information at bottom Cam Mechanical Safety Edge Door Hold Buton (default) Orge Amps	На	ll Door Typ	e										
Abell ATS 0090 Field "EZ" GAL MODCTL 24vdc interface relays GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Other Mechanical DC _ AC (3 Phase) AC (Single Phase) Volts Amps													
GAL MODCTL 24vdc interface relays GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom Courion ILearn EMS *Input Other door information at bottom Other *Input Other door information at bottom Volts Amps Qate Release	Se	lect Door O	perator										
GAL MOD L, G, or X GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom Courion ILearn EMS *Input Other door information at bottom Other *Input Other door information at bottom Other		Abell	AT	S 0090	Field "EZ	"							
GAL MOVFR 230vac input voltage Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless Courion ILearn EMS *Input Freight/door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Gate Release		GAL	MC	DDCTL	24vdc int	erface rela	ays						
Kone Mac 104 or 105D interface board Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless * Input Freight/door information at bottom Courion ILearn *Input Other door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Cam Mechanical Safety Edge Door Hold Button (default) Cam Mechanical Safety Edge Door Hold Button (default) Gate Release Oc (3 Phase) AC (Single Phase)		GAL	1	NOD	L, G, or X	K							
Kone PMSSC 104 or 105D interface board Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom Courion ILearn EMS *Input Other door information at bottom Other *Input Other door information at bottom Cam Mechanical Safety Edge Door Hold Button (default) Cam Mechanical Safety Edge Door Hold Button (default) Otis Amps AC (3 Phase) AC (Single Phase)		GAL	M	OVFR	230vac ir	nput voltag	le						
Otis AT-400 240 AC/120 VDC Interface Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Other AC (3 Phase) AC (Single Phase) Volts Amps Oct AC (3 Phase) AC (Single Phase)		Kone		Mac	104 or 10)5D interfa	ce board						
Otis AT-400/Glide P Multi-Drop TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless Courion ILearn EMS		Kone	PI	MSSC	104 or 10)5D interfa	ce board						
TKE Dover HD-03 Requires IO Card: 6300TX2 (110vac) TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Door Protection *Input Other door information at bottom Other Amps Other Amps Ocar Amps Other Amps		Otis	A	T-400	240 AC/1	20 VDC Ir	nterface						
TKE Dover HD-73 Type D/IVO TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless Courion ILearn EMS *Input Freight/door information at bottom Other *Input Other door information at bottom Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps		Otis	AT-40	00/Glide P	Multi-Dro	р							
TKE Dover HD-91 DC Motor TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps Maps Maps Maps		TKE	Dove	er HD-03	Requires	IO Card:	6300TX2 (110vac)					
TKE HDLM Requires UIT_I/O Card Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless Courion ILearn EMS *Input Freight/door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Gate Release Amps Oc AC (3 Phase) AC (Single Phase)		TKE	Dove	er HD-73	Type D/I	VO							
Fermator VVVF5 Linear Door Operator None Manual Car Gate Peelle Wireless Courion ILearn EMS *Input Freight/door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Gate Release Other Other Amps Volts Amps Do C AC (3 Phase)		TKE	Dove	er HD-91	DC Motor								
None Manual Car Gate Peelle Wireless Courion ILearn EMS *Input Freight/door information at bottom Other *Input Other door information at bottom Other *Input Other door information at bottom Door Protection Photo Eye/Light Curtain Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps		TKE	F	IDLM	Requires UIT_I/O Card								
Peelle Wireless *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Door Protection *Input Other door information at bottom Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps		Fermator	V	VVF5	Linear Door Operator								
Courion ILearn *Input Freight/door information at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Door Protection *Input Other door information at bottom Cam Mechanical Safety Edge Door Hold Button (default) Cam Mcchanical DC AC (3 Phase) AC (Single Phase) Volts Amps Other Volts Amps		None			Manual C	Car Gate							
Courton itearn at bottom EMS *Input Other door information at bottom Other *Input Other door information at bottom Door Protection Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps		Peelle	W	ireless	*Input Freight/door information at bottom								
EMS *Input Other door information at bottom Other *Input Other door information at bottom Door Protection Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps Mechanical DC AC (Single Phase) Gate Release Volts Amps		Courion	IL	_earn									
Door Protection Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps DC AC (3 Phase) Volts Amps		EMS											
Photo Eye/Light Curtain Mechanical Safety Edge Door Hold Button (default) Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps Gate Release Volts Amps DC AC (3 Phase) AC (Single Phase)		Other											
		Door Protection Photo Eye/Light Curtain Mechanical Safety Edge Cam Mechanical DC AC (3 Phase) AC (Single Phase) Volts Amps DC AC (3 Phase) Volts Amps											

Notes and Special Instructions:

-	
Manufacturer	
Model	
Reference #'s	
Job Prints from	Door Manufacturer are Required

Landings and Openings

Floor Information						Floor Openings				Car Call Security			Hall Call Security				Ho	sp	
			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	Over (defaul	head ->		FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	F	R	
	ł	15		-															
	ŀ	14																	
	ł	13		-															
	ł	12																	
We will default the lobby landir		11																	
and the landing above for main	-	10																	
and alternate fir floor respective		9																	
		8																	
	_	7																	
	╡┟	6																	
	┤┟	5		-														<u></u>	
	┙┟	5		-														\exists	
																	╢⊢		
	+	3																	
		2		_															
		1 Default	Pit ->																
		DI	default 4ft)			Pit				Pit				Pit		F	it	
						cars sa		Car 1		cars sa		Car 1		cars sa		Car 1			
			Main Fire	/Lobby Floor	All walk-through			All walk-through				walk-th front	rougn						
			Alt Fire F	-	Number of floors:				All front Number of floors:			All front							
			EMT/Floo	d Floor				lf	mixed F		-	 ct boxes							
						nclude	Hall Ne	twork C	at5 pack	age									
					Con	troller (I	MR) to	Hall Net	work (He	oist-way	/) Cat5	Cable L	ength [_ 25 ft	defau	ılt) [50	ft 🗌 '	100 fl
				FR	Walkt	nrough Or	nly: Top st-way Up/l	Dn Switch		0	erlay w	ith Exis	ting Ec	quipme	ent				
	al Ho <u>ght (</u> i	oistwa f <u>t)</u>	у			Car #s	s					Cros	ss Cance	ellation	Syster	n			
Car 1					F R	Locati		nly: Bottom st-way Up/I				Cros	ss Regis	tration	System	า			
Car 2 Car 3					Hois			leration	s	1			choose one					/ill contact	t you to
Car 4										1		-	ils about th				S.		
					$\left \right $	Ambie Hoist		nt Prese	nt in			mportant:	Provide P	hysical L	ayout or	n Sheet 9			
All cars	ar 1							J											

Notes and Special Instructions:

Elevator(s) Physical Layout

HYDRAULIC - Engineering Data Form – Page 9





