



Smartrise Engineering, Inc
1235 N. Union Bower Rd
Irving TX, 75061
Phone: 469.678.8000 – Fax: 916.457.4948
www.smartrise.us

HYDRO:EVOLVED

Engineering Data Form – Page 1

Rev 17.0 071526

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.

Hydraulic - Table of Contents

- | | |
|-----------------------------------|---------------------------------|
| 1. Job Information | 6. Cables and Fixtures |
| 2. Shipping and Pre-Wire | 7. Car Door Data |
| 3. General Controller Information | 8. Landings and Openings |
| 4. Motor and Valve Data | 9. Destination Dispatch |
| 5. Features and Functions | 10. Elevator(s) Physical Layout |

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:

Shipping and Pre-Wire

Shipping Information

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

Freight Terms

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

Third-Party Billing (Duties & 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 SurfacesCompany 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 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

***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

☐ 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

Hydraulic Features
☐ Features for all cars are the same as car 1)
Failure to provide data will result in delay of controller shipment
Not Applicable
☒

Car	Rated Speed	Capacity	Battery Lowering	Brown Out Reset	Dual Jacks	Viscosity Control	Adams Life Jacket	Roped	GOV Reset 24 VDC	Coil Is 120 VAC	Governor Switch is Manually Reset
1			☐	☐	☐	☐	☐	☐	☐	☐	☐
2			☐	☐	☐	☐	☐	☐	☐	☐	☐
3			☐	☐	☐	☐	☐	☐	☐	☐	☐
4			☐	☐	☐	☐	☐	☐	☐	☐	☐

Low Pressure, Low Oil, and Oil Temp are all included.
Only if Roped Hydro

Motor & Valve Data
☐ Data for all cars is the same as car 1)
Failure to provide data will result in delay of controller shipment
☐ Smartrise to assume all motor data

Car	# Motor Leads	Motor Volts	FLA	HP	Valve Brand/Model	Valve Volts 110V–120V	# of Motors	# of Valves	# of Coils per Valve (4 Standard)
1							☐ 1 (Default) ☐ 2 ☐ Other	☐ Single (Default) ☐ Dual ☐ Other	
2							☐ 1 (Default) ☐ 2 ☐ Other	☐ Single (Default) ☐ Dual ☐ Other	
3							☐ 1 (Default) ☐ 2 ☐ Other	☐ Single (Default) ☐ Dual ☐ Other	
4							☐ 1 (Default) ☐ 2 ☐ Other	☐ Single (Default) ☐ Dual ☐ Other	

Note: Smartrise is compatible with valve voltages of 110–120 V only.
Note: If the number of coils per valve is not provided, Smartrise will proceed with the standard value of 4.

Load Weighing
Not Required
☒

Load Weigher Provided By
☐ Smartrise
☐ Customer
☐ Overload Lamp
☐ Anti-Nuisance

Hydraulic Motor Control Preference

☐ Siemens (Soft Starter) (Default)
☐ First Available Soft Starter
☐ Sprecher+Schuh (Soft Starter)
☐ First Available Contactors
☐ Wye-Delta (via Contactors)
☐ Across the Line (via Contactors)

We will notify you if the preference chosen cannot be honored

Notes and Special Instructions:

Special Features	Not Required ☐
☐ Remote (2 nd) Fire Key Switch & Lamp	☐ Shunt-Trip
☐ Earthquake (Includes Buzzer and Lamp)	☐ Flood Sensor
☐ Car-to-Lobby Key Switch	Specify Flood Floor (Label): (Default is the first floor above the lowest floor)
☐ Fan and Light Auto Shutoff Circuit (CT only)	☐ 'S' Button
☐ Machine Room Cabinet Power Plug	☐ Machine Room Cabinet Light
☐ Inching Operation	☐ Enclosure Legs
☐ Out Of Service Switch	

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 ☐
<u>Designed and Manufactured by Smartrise Engineering</u>	
☐ Machine Room Monitoring	
☐ Local Monitoring (Lobby/Engineering/ Management)	
☐ Remote Monitoring (Cloud) – Requires Internet Connection	
<u>Designed and Manufactured by Integrated Display Systems</u>	
☐ Lift-Net with USB RS-422 Interface (Serial)	
☐ Lift-Net with Moxa Unit Interface (Ethernet / LAN)	
<u>Designed and Manufactured by Kings III of America</u>	
☐ ORM (Interface Only)	
☐ BACnet	

Monitoring Viewing Devices	Not Required ☐
<u>All-in-One Touchscreen PCs</u>	
☐ 24"	☐ 27"
<u>Tablets</u>	
☐ 8"	☐ 11"
<u>Laptops</u>	
☐ 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 Override 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 <i>simultaneously</i> :	
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 ☐

	☐	☐	☐		☐
	Traveler Cable #1	Traveler Cable #2	Traveler Cable #5	Length of Cable(s) Per Car (in feet)	Hoistway Cable
# OF CONDUCTORS	19	35	69		26
CORE	Steel	Steel	Steel		N/A
DIAMETER	0.90"	1.36"	1.570"		0.55"
# OF 14 AWG	4	4	5		0
# OF 18 AWG	7	18	40		26
# OF 20 AWG SHIELD	4 Pair	6 Pair	11 Pair		0
COAXIAL (RC/6U)	No	1	2		0
APPROVALS/BOTH	UL Type ETT> NEC Compliant, CSA Type ETT, CSA FT1				No

• All Fixtures Must Be 24 VDC / 6 Watts Max.

In Car Position Indicator

Not Required ☐

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

Other: _____

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 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 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)

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))

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/I/O)
☐	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 Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	EMS		
☐	Courion		*Input Freight/Door Information at Bottom
☐	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	

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/I/O)
☐	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 Input Voltage: ☐ 230 VAC (Default) ☐ 120 VAC
☐	EMS		
☐	Courion		*Input Freight/Door Information at Bottom
☐	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

Notes and Special Instructions:

--

Landings and Openings

Floor Information			Floor Openings				Car Call Security				Hall Call Security				Hosp								
	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)																							
	15																						
	14																						
	13																						
	12																						
	11																						
	10																						
	9																						
	8																						
	7																						
	6																						
	5																						
	4																						
	3																						
	2																						
☐	1																						
Default Pit -> (Default 4ft)																							
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.																							
			☐ All cars same as Car 1 ☐ All walk-through ☐ All front Number of floors:				☐ All cars same as Car 1 ☐ All walk-through ☐ All front Number of floors:				☐ All cars same as Car 1 ☐ All walk-through ☐ All front Number of floors:												
			Note: If no opening is selected, the default will be front.				If mixed F/R, select boxes above.				Note: If nothing is selected, Smartrise will proceed with all floors.												
			Walkthrough Only: Top Location of Hoistway Up/Dn Switch Car#s ☐ F ☐ R (Default) _____				Walkthrough Only: Bottom Location of Hoistway Up/Dn Switch Car#s ☐ F ☐ R (Default) _____				Destination Dispatch ☐ Full (All Floors) ☐ Hybrid (Kiosks/Conventional Hall Riser Combiner) (Fill out the Destination Dispatch specifics on page 10)												
			Total Hoistway Height (ft) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Car 1</td><td></td></tr> <tr><td>Car 2</td><td></td></tr> <tr><td>Car 3</td><td></td></tr> <tr><td>Car 4</td><td></td></tr> </table>				Car 1		Car 2		Car 3		Car 4		☐ All cars same as Car 1								
Car 1																							
Car 2																							
Car 3																							
Car 4																							

Notes and Special Instructions:

Destination Dispatch	Not Required
☐ Full (All Floors)	
☐ Hybrid (Kiosks/Conventional Hall Riser Combination)	

(Fill out the Destination Dispatch specifics on page 9)

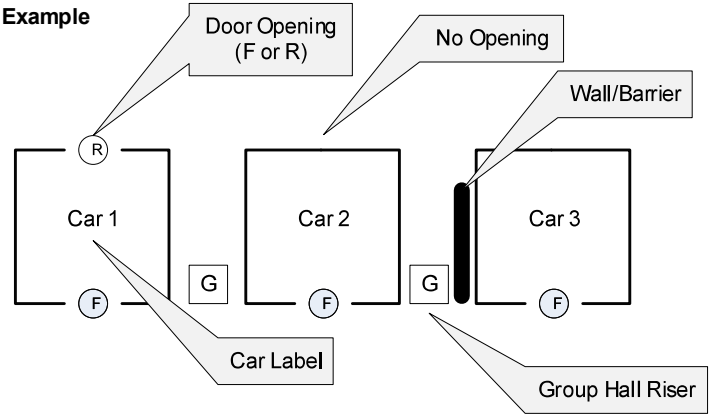
Overlay with Existing Equipment	
☐	Cross Registration System
When you choose one of the above, a Smartrise engineer will contact you to gather details about the existing elevator controllers. Important: Provide Physical Layout on Sheet 10	

Floor Information			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
15			☐ ☐	☐ ☐	☐ ☐	☐ ☐
14			☐ ☐	☐ ☐	☐ ☐	☐ ☐
13			☐ ☐	☐ ☐	☐ ☐	☐ ☐
12			☐ ☐	☐ ☐	☐ ☐	☐ ☐
11			☐ ☐	☐ ☐	☐ ☐	☐ ☐
10			☐ ☐	☐ ☐	☐ ☐	☐ ☐
9			☐ ☐	☐ ☐	☐ ☐	☐ ☐
8			☐ ☐	☐ ☐	☐ ☐	☐ ☐
7			☐ ☐	☐ ☐	☐ ☐	☐ ☐
6			☐ ☐	☐ ☐	☐ ☐	☐ ☐
5			☐ ☐	☐ ☐	☐ ☐	☐ ☐
4			☐ ☐	☐ ☐	☐ ☐	☐ ☐
3			☐ ☐	☐ ☐	☐ ☐	☐ ☐
2			☐ ☐	☐ ☐	☐ ☐	☐ ☐
1			☐ ☐	☐ ☐	☐ ☐	☐ ☐
Pit			Pit			

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

Elevator(s) Physical Layout

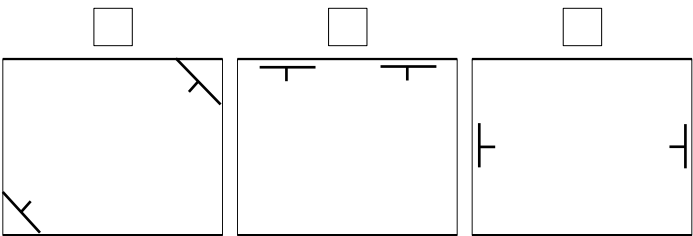


Draw a topographical map of elevator(s) location on grid provided.

- * 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

- ☐ T89
- ☐ T90
- ☐ T125
- Other: _____