

**MCE to complete shaded area**

MCE Job Number:	Date Received:
Job Name:	Job Engineer:

**Logistics Information**

**Job Type**

- Federal Government   
  State Government   
  Other Government   
  Courthouse   
  Hospital  
 School or University   
  Office Building   
  Private   
  Jail / Prison   
  Other \_\_\_\_\_

**Site & Contact Information**

<b>Site Address</b>
<b>Owner Representative</b>
Print Name:
Signature:
Title:
Business Phone:
Cell Phone:
eMail:
Address:

**Contractor Information**

Business Name:
Contact Name:
Business Phone:
Cell Phone:
eMail:
Address:

**Consultant Information**

Business Name:
Contact Name:
Business Phone:
Cell Phone:
eMail:
Address:

**Form Completed By**

Name:
Business Phone:
Cell Phone:
eMail:
Address:

**Shipping Information**

<b>Ship To Address:</b>	

- Notice Required:   
  24 hrs   
  48 hrs  
 Lift Gate Truck Required:   
  Yes   
  No



Motion Control Engineering  
11380 White Rock Road  
Rancho Cordova, CA 95742

**iControl Traction Data Form**

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**916 463 9200 Voice**

**916 463 9201 FAX**

**Logistics Information (continued)**

**Delivery & Payment Schedule**

Standard MCE terms of payment (net 30 days) apply to your order. If you require special terms of payment, please provide an Alternative Payment Schedule.

Per state tax laws, it is critical that MCE receive exemption or resale certificates prior to the material being shipped and billed. If the job is a tax exempt job, send the exemption certificate with this form. If you are a resale customer and have a resale certificate, please make sure that the MCE accounting department has a copy on file.

Customer Job Number:		
Customer PO Number:		
Job Name:		
Number of cars:		
<b>Control</b>	<b>Delivery Date</b>	<b>Payment Date</b>
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Group " "		

**Delivery & Payment Schedule**

If different payment terms are required, please provide an alternative proposal. Please include specifics of building owner payments and provide a copy of your contract.

Alternative Proposal Provided:  Yes  No  
Contract Attached:  Yes  No

**Job Push-Outs and Cancellation**

Jobs pushed out by the customer more than 90 days beyond the originally scheduled date may be subject to cancellation charges as follows:

- \* Before engineering commences: 10% of total sales order
- \* After engineering completed: 30% of total sales order
- \* After construction completed: 75% of total sales order

**Extra Documentation**

If this job requires additional engineering drawing packages or additional manuals, please indicate below.

<input type="checkbox"/> Drawing Sets	# Required:
<input type="checkbox"/> Manuals	# Required:

**Elevator Safety Code Compliance**

Accurate information is essential. Both hardware and software are affected.

Job Location (City/State):		
Contract Date:		
Project Type: <input type="checkbox"/> New Construction <input type="checkbox"/> Modernization		
Elevator Duty: <input type="checkbox"/> Passenger <input type="checkbox"/> Service <input type="checkbox"/> Freight		
Measurements: <input type="checkbox"/> U.S./English <input type="checkbox"/> S.I./Metric		
<b>U.S. compliance</b>		
<input type="checkbox"/> ASME A17.1-2007 <input type="checkbox"/> A17.1-2004 <input type="checkbox"/> A17.1-2000		
<input type="checkbox"/> ASME A17.1-1996/98		
<input type="checkbox"/> ASME A17.1- Specify code and addenda.		
<b>International compliance</b>		
<input type="checkbox"/> Australia AS 1735		
<input type="checkbox"/> Britain EN 81/ BS 5655		
<input type="checkbox"/> Canada <input type="checkbox"/> B44-07 <input type="checkbox"/> B44-04 <input type="checkbox"/> B44-00		
<input type="checkbox"/> Other: <input type="checkbox"/> TSSA		
<b>Additional state or local code compliance</b>		
<input type="checkbox"/> California <input type="checkbox"/> OSHPD Medical facility Certification Required <input type="checkbox"/> Shake Test (Special Seismic Certification) and Seismic Anchorage OPA <input type="checkbox"/> Shake Test (Special Seismic Certification) and Center of Gravity Drawings		
<input type="checkbox"/> Chicago		
<input type="checkbox"/> Denver	<input type="checkbox"/> Pressurized Hoistway	
<input type="checkbox"/> GSA / Federal	<input type="checkbox"/> Heat detectors ( <input type="checkbox"/> MR <input type="checkbox"/> Floors )	
<input type="checkbox"/> Hawaii		
<input type="checkbox"/> Maryland		
<input type="checkbox"/> Michigan	<input type="checkbox"/> Detroit	<input type="checkbox"/> Mach room sprinklers
<input type="checkbox"/> New York state	<input type="checkbox"/> New York City	<input type="checkbox"/> White Plains
	<input type="checkbox"/> Nassau County	
<input type="checkbox"/> Pennsylvania		
<input type="checkbox"/> Washington ( <input type="checkbox"/> Seattle)	Number of Fire Phase 1 switches:	
	# of 3-position switches:	# of 2-position switches:
<input type="checkbox"/> Washington DC		
<input type="checkbox"/> Other:		
<input type="checkbox"/> Additional Compliance Requirements? Explain:		

**Job Specification**

Does project have job specifications?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, number of pages: _____	
Have specifications been forwarded to MCE?	<input type="checkbox"/> Yes <input type="checkbox"/> No



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**Control Information**

**Type of Operation**

<input type="checkbox"/> <b>Simplex</b>	
Home Landing#: _____	Floor Label: _____
<input type="checkbox"/> <b>Groupless Automatic (iComm-Connect w/o iCue)</b>	
<input type="checkbox"/> <b>Group Automatic (iCentral w/ enhanced iCue)</b>	
Number of Cars: _____	
Lobby Landing #1: _____	Floor Label: _____
Lobby Landing #2: _____	Floor Label: _____
Number of Hall Call Risers: _____	
<input type="checkbox"/> <b>Swing Car Operation</b> Car(s): _____ <input type="checkbox"/> Activated by keyswitch Switch location: <input type="checkbox"/> Car <input type="checkbox"/> Hall <input type="checkbox"/> Autoswing ( <input type="checkbox"/> w/ keyswitch)	
iCentral Group to Controller Ethernet Cable Lengths: <input type="checkbox"/> 5' <input type="checkbox"/> 10' <input type="checkbox"/> 25' <input type="checkbox"/> 50' <input type="checkbox"/> 75' <input type="checkbox"/> 100' <input type="checkbox"/> 150' Standard 25 ft. Measure distance from group control(iCentral) to most distant iControl, add 10 ft. for inside cabinet connections. Order one cable for each iControl in the group. There is no daisy chaining. Each control will communicate directly with the group.	
<b>Cross Cancellation/Registration Panel (iCue required)*</b> Temporary hall call panel used during modernization process when existing dispatcher and MCE dispatcher are to operate simultaneously as one dispatching system.	
<input type="checkbox"/> <b>Cross Registration</b>	<input type="checkbox"/> <b>Cross Cancellation</b>
*Copy of the existing hall call schematics must be provided. Existing Hall Call Bus Voltage: _____ <input type="checkbox"/> AC <input type="checkbox"/> DC Existing control type: <input type="checkbox"/> Relay logic <input type="checkbox"/> Microprocessor	

**Fire Service Operation**

<input type="checkbox"/> <b>Fire Service Phase I</b>	
Main Landing #: _____	Floor Label: _____
Doors will open: <input type="checkbox"/> Front <input type="checkbox"/> Rear	
Phase 1 Switch is: <input type="checkbox"/> 2-position <input type="checkbox"/> 3-position	
Alternate Landing #: _____	Floor Label: _____
Doors will open: <input type="checkbox"/> Front <input type="checkbox"/> Rear	
Additional 2-position switch: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Switch location: Landing #: _____ Floor Label: _____	
<input type="checkbox"/> "Master Fire Service" switch (Chicago High Rise only)	
<input type="checkbox"/> <b>Fire Service Phase II</b>	
Type of switch: <input type="checkbox"/> 3-position <input type="checkbox"/> 2-position	Call Cancel Button: <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Additional Fire Operation Requirements for Nassau County NY, Detroit MI, California or GSA/Federal Jurisdictions:</b> <input type="checkbox"/> Shunt Trip Delay <input type="checkbox"/> Heat Detectors: ( <input type="checkbox"/> Machine Room <input type="checkbox"/> Each floor )	

**Other Operating Features**

<b>Attendant Service:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Annunciator Panel in Car ( Monitoring Hall Calls Registered ): <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Car to Lobby Switch:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Recall Landing: _____ Floor Label: _____ Park with doors: <input type="checkbox"/> Open <input type="checkbox"/> Closed Location of switch: <input type="checkbox"/> Car <input type="checkbox"/> Hall
<b>Earthquake Service:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Code Compliance: <input type="checkbox"/> ASME <input type="checkbox"/> California Machine Type: <input type="checkbox"/> Traction <input type="checkbox"/> Winding Drum <input type="checkbox"/> Seismic switch ( <input type="checkbox"/> By MCE <input type="checkbox"/> By Customer) <input type="checkbox"/> C/W derailment device ( <input type="checkbox"/> By MCE <input type="checkbox"/> By Customer) <input type="checkbox"/> Earthquake light / buzzer <input type="checkbox"/> Car to operate on fire or hospital service
<b>Emergency Power Operation:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Does generator power cars from other banks? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, is sequential lowering required amongst elevators from different banks? <input type="checkbox"/> Yes (Overlay req'd) <input type="checkbox"/> No Number of cars allowed to run simultaneously: _____ Split or multiple power feeders to the elevators? <input type="checkbox"/> Yes <input type="checkbox"/> No Status of EP contact during normal power: <input type="checkbox"/> Open <input type="checkbox"/> Closed Power pre-transfer contact – 10 sec minimum: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> <b>Manual Selector Switch</b> Number of positions: _____ Labels: _____ Is switch located at the designated level in view of all elevator entrances? <input type="checkbox"/> Yes <input type="checkbox"/> No (Indicator req'd)
<b>Emergency Medical Technician (EMT) Service:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Flood Operation:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Lowest landing that the car can go in an event of a flood: Landing: _____ Floor Label: _____
<b>Hoistway Access Operation:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No 2-position switch in COP: <input type="checkbox"/> Yes <input type="checkbox"/> No Top access switch: <input type="checkbox"/> Yes <input type="checkbox"/> No Switch location: <input type="checkbox"/> Front <input type="checkbox"/> Rear Bottom access switch: <input type="checkbox"/> Yes <input type="checkbox"/> No Switch location: <input type="checkbox"/> Front <input type="checkbox"/> Rear
<b>Hospital Service (Code Blue):</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Which Cars Used: _____ Floors Served: _____ In car activation: <input type="checkbox"/> Keyswitch <input type="checkbox"/> Other <input type="checkbox"/> None In car indicators: <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Independent Service:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Key switch location: <input type="checkbox"/> Hall <input type="checkbox"/> Car
<b>In-Car Inspection Switch:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Switch must be of the 2-position type. In-car inspection using top and bottom car calls: <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Sabbath Operation:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Timed Fan Light Output:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No Used to turn cab fan/lights off after car idle for specified length of time; fan / lights to turn on if car in demand. (Std. 30 secs)



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**Load Weighing and Related Operating Modes**

EMCO Rope Tension Load Weigher

EMCO Rope Tension Load Weigher, Car: \_\_\_\_  
 Number of ropes:  4  5  6  7  8  
 Roping:  1:1  2:1  
 Rope diameter:  10mm  1/2 in  9/16in  5/8 in

If additional cars use same roping, and more load weighers are required, indicate quantity here: \_\_\_\_\_

If car roping varies, provide information for each car below.

EMCO Rope Tension Load Weigher, Car: \_\_\_\_  
 Number of ropes:  4  5  6  7  8  
 Roping:  1:1  2:1  
 Rope diameter:  10mm  1/2 in  9/16in  5/8 in

EMCO Rope Tension Load Weigher, Car: \_\_\_\_  
 Number of ropes:  4  5  6  7  8  
 Roping:  1:1  2:1  
 Rope diameter:  10mm  1/2 in  9/16in  5/8 in

EMCO Rope Tension Load Weigher, Car: \_\_\_\_  
 Number of ropes:  4  5  6  7  8  
 Roping:  1:1  2:1  
 Rope diameter:  10mm  1/2 in  9/16in  5/8 in

**Other Load Weighing Devices:**

LW-MCEIP (Isolated Platform type required)

K-Tech Strain Gauge (from MCE)

K-Tech Strain Gauge (from other) Model: \_\_\_\_\_

Other Load Weigher Brand: \_\_\_\_\_ Model: \_\_\_\_\_

Discrete Load Weigher (Dry Contact Interface)

Light load (Antinuisance)

Heavy load (Hall call bypass)

Overload

**Security**

**Security Devices**

Car Call Cutouts:  Yes  No

Card Reader Dry Contact  
 Contact Rating:  120VAC (Std)  24VDC  Other

Keyed floor lockout switches  
 Switch Location:  Car  Hall  
 Number of switches: \_\_\_\_\_

Car Call Code using Car Pushbuttons

Hall Call Cutouts:  Yes  No

Card Reader Dry Contact  
 Contact Rating:  120VAC (Std)  24VDC  Other

Keyed floor lockout switches  
 Switch Location:  Car  Hall  
 Number of switches: \_\_\_\_\_

**Door Control Options During Security:**

Allow Door Open Button to operate after doors closed at a secure floor?  Yes  No

Car allowed to park at secured floor?  Yes  No

**Bypass Security? (Fire Service to bypass per code)**

Independent Service  Attendant Service

Hospital Service  Other ( \_\_\_\_\_ )

**Special Security Features:**

Jail Security \*

Deputy/Marshal Service\*  
 Remote Car Station Control

Evacuation Service \*

Other \* ( \_\_\_\_\_ )

\* additional details must be provided

Child / Infant Abduction / Bracelet Operation

Number of landings with detection device: \_\_\_\_\_

At which landings:  
 Landing #: \_\_\_\_\_ Floor Label: \_\_\_\_\_

Allow car to continue to run if not at affected landing:  
 Yes  No

**Remote Monitoring (iMonitor/iReport/BMS/IDS):**

Remote Monitoring Required:  Yes  No

Controller to be monitored by system that is:  New  Existing

Monitor size:  17"LCD (Std)  Other(\_\_\_\_\_)

Computer Type:  Desktop(Std)  Laptop

Remote Access Hardware Features: (optional)

Ethernet Hyper Extender  VPN Router

**Monitoring Application:**

iMonitor ( Campus View  iLobby )

iReport (Printer required:  Yes  No )

IDS Liftnet

BMS (Building Management System)  
 JACE Interface required:  Yes  No

Existing Communication protocol:  
 Ethernet  BACnet  LONworks  Modbus

**Monitoring system indicated is to be located at:**

Security Room  Engineer's / Building Manager's Office

Concierge Desk  Other

**Machine Room Monitoring (iVIEW):**

iView is a graphical user interface used to configure, adjust, and troubleshoot the iControl platform. It can also be used for simple machine room monitoring. It is typically used in a machine room environment adjacent to the control equipment.

When utilizing an iCentral-Cue, the iVIEW component of the iControl is built into the group dispatching enclosure.  
 Monitor size:  17"LCD (Std)  Other(\_\_\_\_\_)

Machine room Printer required:  Yes  No

If an iCOMM-CONNECT is being used, the iVIEW component supplied is not enclosed into any cabinet or enclosure.  
 CRT Enclosure Required:  Yes  No





**Machine Room (continued)**

**General Information**

<b>Voltage</b>
Line Voltage Available (@ disconnect): _____
Line Voltage Measured: _____
<input type="checkbox"/> AC 3 Phase (symmetrical with respect to ground) <input type="checkbox"/> AC 3 Phase (grounded leg delta configuration)* <input type="checkbox"/> AC 2 Phase <input type="checkbox"/> AC Single Phase <input type="checkbox"/> DC <input type="checkbox"/> 60 Hz <input type="checkbox"/> 50 Hz
* Isolation Transformer required Other Power Related Features: Add isolation transformer: <input type="checkbox"/> Yes <input type="checkbox"/> No  Isolation Transformer Sequential Start: <input type="checkbox"/> Yes <input type="checkbox"/> No  TVSS (Surge suppressor) required: <input type="checkbox"/> Yes <input type="checkbox"/> No
Available Fault Current from AC Feed (kA): _____ Standard controller SCCR (Short Circuit Current Rating) is typically 5-10kA. If available fault current exceeds 10kA and cannot be reduced, please notify MCE for a quote.
Reduced Stroke Buffers: <input type="checkbox"/> Yes <input type="checkbox"/> No Buffer rating: _____ fpm    Buffer stroke: _____ inches
Counterweight safety <input type="checkbox"/> Yes <input type="checkbox"/> No
Jawless Governor <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Controller Type</b>
<input type="checkbox"/> iControl AC (AC Regenerative Drive Req'd): <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> iControl DC

**Machine and Brake**

<b>Machine</b> <input type="checkbox"/> Existing <input type="checkbox"/> New <input type="checkbox"/> New by MCE
Brand: _____
Machine location: <input type="checkbox"/> Overhead <input type="checkbox"/> Basement <input type="checkbox"/> MRL
<input type="checkbox"/> Geared <input type="checkbox"/> Ring & Worm <input type="checkbox"/> Helical <input type="checkbox"/> External <input type="checkbox"/> Tandem
<input type="checkbox"/> Gearless <input type="checkbox"/> AC PM <input type="checkbox"/> AC Induction <input type="checkbox"/> DC
Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1
<b>For MRL Applications:</b>
<input type="checkbox"/> Battery Backup Passenger Rescue with Video <input type="checkbox"/> Remote Governor Set / Reset Coil Voltage: <input type="checkbox"/> AC <input type="checkbox"/> DC
<b>Brake</b> <input type="checkbox"/> Existing <input type="checkbox"/> New    Brand: _____
<input type="checkbox"/> DC Brake Voltage:        Pick: _____    Hold: _____
Coil Resistance: _____ <input type="checkbox"/> Measured <input type="checkbox"/> Data Sheet <input type="checkbox"/> Hot <input type="checkbox"/> Cold
Contact on Brake: <input type="checkbox"/> Yes <input type="checkbox"/> No Type: <input type="checkbox"/> N/O <input type="checkbox"/> N/C
AC Brake control is not available for iControl.
<b>Machine Blower:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
Voltage: _____ Phase: _____ FLA: _____

**Emergency Brake**

ASME A17.1-2000/CSA B44-00 or later requires the addition of an emergency brake on all new traction elevators, per 2.19. Also note that some alterations will trigger the requirement to add an emergency brake as well (i.e., change in type of service or motion control; increase in rated load or speed; and replacing the driving machine)
<input type="checkbox"/> Hollister Whitney Rope Gripper <input type="checkbox"/> Thyssen Sheave Brake <input type="checkbox"/> Bode Rope Brake <input type="checkbox"/> Other ( _____ ) <input type="checkbox"/> Secondary/Independent Brake on machine (not accepted in Nebraska) Power Supply of Brake: <input type="checkbox"/> 120VAC (Std) <input type="checkbox"/> Other If other, please specify: Voltage: _____ FLA: _____

**Hoist Motor**

<b>Variable Frequency AC</b>
<input type="checkbox"/> Existing <input type="checkbox"/> New <input type="checkbox"/> New by MCE Brand: _____ HP: _____ Voltage: _____ FLA: _____ # Poles: _____ Sync RPM: _____ FL RPM: _____ Frequency: _____ For 2-speed motors, measure the high speed winding. Other name plate data: _____
<b>Variable Voltage DC</b>
<input type="checkbox"/> Existing <input type="checkbox"/> New <input type="checkbox"/> New by MCE Brand: _____ HP: _____ Voltage: _____ FLA: _____ RPM: _____ Other name plate data: _____
Shunt Field Voltage:
Forcing: _____ Full Speed: _____ Standing: _____
Shunt Field Resistance: _____ (ohms)
<input type="checkbox"/> Measured <input type="checkbox"/> Data Sheet    # of coils: _____ <input type="checkbox"/> Series <input type="checkbox"/> Series/Parallel <input type="checkbox"/> Hot <input type="checkbox"/> Cold
Loop Circuit Armature Voltage while running: (measured on motor brushes):
Up empty car: _____ VDC at speed: _____
Down empty car: _____ VDC at speed: _____
Loop Circuit Current while running:
Up empty car: _____ Amps at speed: _____
Down empty car: _____ Amps at speed: _____
<b>Velocity Feedback Device</b>
<input type="checkbox"/> By MCE <input type="checkbox"/> By Customer <input type="checkbox"/> Analog Tachometer (Mount: <input type="checkbox"/> Flange <input type="checkbox"/> Foot ) If gearless; Drive sheave diameter: _____ (in) Diameter of surface to run tach: _____ (in) <input type="checkbox"/> Digital Velocity Encoder (shaft driven device) Encoder cable length (ft): _____



**Fixture Information**

**Auxiliary Car Station**  Yes  No  
Total Number of Car Stations in each car:  
 1  2  3  4

**Call Registration Indicators**  
Car:  Incandescent  LED  
Voltage: \_\_\_\_\_  AC  DC  
Hall:  Incandescent  LED  
Voltage: \_\_\_\_\_  AC  DC

**Serial Link**  
Call pushbuttons must be mechanical and fixtures must be 24VDC, 6 Watt maximum.

Car Calls (Optional – boards to be located behind car station)  
 Hall Calls (Standard – board located in each hall p/b station)

Serial fixture boards to be sent to fixture manufacturer / contractor for pre-wire?  Yes (If so, indicate where below)  No  
Ship serial boards to:  
 C.E. Electronics  EPCO  Dupar  
 Innovation Industries  Monitor  MAD  
 ERM  PTL  
 Elevator Contractor Office  
Please indicate Contact Person / Number in Special Notes below  
Which boards to be sent?:  COP  Hall Station

**Lanterns:**  
 Hall  Car (Indicate # of Jamb arrows: \_\_\_\_\_)  
Lantern Signal Format:  
 Serial (3-Wire Microcom type)  
 Discrete  
Indicator: Voltage: \_\_\_\_\_  AC  DC  
Bulb wattage: \_\_\_\_\_  
 Gongs: Voltage: \_\_\_\_\_  AC  DC  
 Chimes: Voltage: \_\_\_\_\_  AC  DC

Passing Floor Gong or Chime:  Yes  No  
Passing Floor Gong Signal Format:  
 Serial (3-Wire Microcom type)  
 Discrete  
Fixture Voltage: \_\_\_\_\_  AC  DC  
Passing floor enable (S) button:  Yes  No

**Voice Annunciation**  Yes  No  
Annunciator device provided by:  CE Electronics  
 E-Motive  
 Other: \_\_\_\_\_  
Annunciator Signal Format:  
 Serial (3-Wire Microcom type)  
 Discrete  
 One line per floor  
 Binary

**Special Notes:**

**Status Indicators**

Type	Volts	AC	DC
Attendant Light/Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Attendant Service Annunciator Panel Indicators	_____	<input type="checkbox"/>	<input type="checkbox"/>
Call Registration Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Closing Warning Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Hold Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Door Left Open Bell	_____	<input type="checkbox"/>	<input type="checkbox"/>
Earthquake Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
EMT Service Light (Car, Hall)	_____	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Power Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Fire Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Hospital Light / Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
In-Service Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
In-Use Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Load Status Light	_____	<input type="checkbox"/>	<input type="checkbox"/>
Nudging Buzzer	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>

**Position Indicators**

MCE C.E. Electronics Serial Interface Driver (MicroComm)  
 MCE E-Motive Serial Interface Driver  
 Other Serial Fixture Driver (Please provide details)

Serial PI fixtures located in:  Car  Hall  
If hall, indicate landing #: \_\_\_\_\_ Floor label: \_\_\_\_\_

Discrete Multi-Light  
 Car  with direction arrows  
Voltage: \_\_\_\_\_  AC  DC  
 Hall  with direction arrows  
Voltage: \_\_\_\_\_  AC  DC  
At landing #: \_\_\_\_\_ Floor label: \_\_\_\_\_

Discrete Digital Brand & Model: \_\_\_\_\_  
 Car \_\_\_\_\_  with direction arrows  
 Hall \_\_\_\_\_  with direction arrows  
At landing #: \_\_\_\_\_ Floor Label: \_\_\_\_\_  
Signal Format:  
 One line per floor  
 Binary (Code begins at 1<sup>st</sup> landing 00 01)  
 Grey Code  
Signal Voltage:  
 120VAC (Standard)  
 24VDC  
 Other  
Voltage: \_\_\_\_\_  AC  DC  
If DC, common is:  Positive  Negative



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**Door Information**

**Car Gate**

- Automatic passenger style doors
- Powered freight style doors
- Manual doors
- Other: \_\_\_\_\_

**Gate Release Solenoid**  Yes  No

Voltage: \_\_\_  AC 3-Phase  AC 1-Phase  DC

Current/Fuse size:  2A  3A  Other: \_\_\_\_\_

**Automatic Passenger Style Doors**

(See section below for freight style doors)

**MCE**

- SmarTraq Complete (Complete SmarTraq data forms)
- SmarTraq Upgrade  
(Upgrades existing operator to closed loop. Mark existing model below.)

**GAL**

- |  |  |
|--|--|
| <input type="checkbox"/> MOVFR I         | <input type="checkbox"/> MOM/MOH   |
| <input type="checkbox"/> MOVFR II (230V) | <input type="checkbox"/> MOMVC/MOHVC                                     |
| <input type="checkbox"/> MOVFR II (115V) | <input type="checkbox"/> MOSVCL  |
| <input type="checkbox"/> MOD (230V)      | <input type="checkbox"/> MOPM-P/MOPM-PL                                  |
| <input type="checkbox"/> MOD (115V)      | <input type="checkbox"/> MOCT/MOCTA/MODCT/<br>MOMCT/MOHCT                |
| <input type="checkbox"/> MODHA           |  |
| <input type="checkbox"/> MODVC/MODHVC    | Motor Voltage: <input type="checkbox"/> 220 <input type="checkbox"/> 110 |
| <input type="checkbox"/> MOA             | Logic Voltage: <input type="checkbox"/> 220 <input type="checkbox"/> 110 |

**MAC/Kone**

- PM-SSC/104 Board  MAC (old style)
- AMD/Kone

**TKE/Dover**

- HD03 (120VAC)  HD03M (Low Voltage)
- HD68/70/73/91 (Circle model number)
- HD98/85 (Requires SmarTraq upgrade kit)
- HD-LM
- Smart tech

**Otis**

- |   |  |
|---|--|
| <input type="checkbox"/> 6970A – Resistance | <input type="checkbox"/> 6970A – Reactance |
| <input type="checkbox"/> 7300               | <input type="checkbox"/> A7770A            |
| <input type="checkbox"/> 7782AA             | <input type="checkbox"/> OVL               |
| <input type="checkbox"/> iMotion 1 & 2      | <input type="checkbox"/> AT400             |

**ECI**

- 895/1000  2000  VFE 2500

**Other**

- IPC Encore (closed loop)  Mitsubishi LV1/4K
- Delco (closed loop)  Schindler QKS 14 & 15
- Atlantic/Vertisys Model: \_\_\_\_\_
- Other (wiring diagram required): \_\_\_\_\_

**Hoistway Doors**

- Automatic passenger style doors
- Powered freight style doors
- Manual doors
- Other: \_\_\_\_\_  
Interlock brand and model: \_\_\_\_\_  
Closed contact  Yes  No  
Locked contact  Yes  No
- Door locking cam  
 Retiring  
(not driven by automatic passenger style car gate)  
Voltage: \_\_\_\_\_  AC 3-Ph  AC 1-Ph  DC  
Current / Fuse size:  2A  3A  Other: \_\_\_\_\_
- Fixed cam
- Driven by automatic passenger style car gate

**Door Features**

Door position monitoring switch required by ASME A17.1-1996 / CAN/CSA B44-94 and later on power operated, horizontally sliding/mechanically coupled (automatic passenger style) doors. Contact must close when doors close.

- Infrared detector unit/photo eye
- Mechanical safety edge
- COP cut-out switch for photo-electric eye or IR detector
- Heavy doors at landings (at which floor(s)): \_\_\_\_\_
- Dual door operators on same side for wide opening
- Door Hold Operation (Non-Fire Operation)  
 Pushbutton  Switch  
If momentary, maximum hold time = 120 seconds
- Nudging  
 Reduced torque with buzzer  
 Buzzer only  
 Ignore photo eye after \_\_\_\_\_ second interval  
If safety edge or door open button activated, doors should:  
 Stop  Re-open
- Door open button  Front  Rear
- Door close button  Front  Rear

**Powered Freight Style Doors**

- Door Controller Model**
- Peelle**  New Model: \_\_\_\_\_  
 Existing (electrical schematic required)
  - Courion**  New Model: \_\_\_\_\_  
 Existing (electrical schematic required)
  - EMS**  New Model: \_\_\_\_\_  
 Existing (electrical schematic required)
  - Other**  New Model: \_\_\_\_\_  
 Existing (electrical schematic required)
- Door Operation (freight doors only)**
- Opening:  Automatic  
 Momentary pressure
- Closing:  Automatic  
 Momentary pressure  
 Constant pressure
- Fire Service Phase I Closing:  
 Automatic  
 Momentary pressure  
 Constant pressure



