



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

Motion 4000 Data Form

Doc: JER130 0509 Page 1 of 9

916 463 9200 Voice

916 463 9201 FAX

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

Site Address
Owner Representative
Print Name:
Signature:
Title:
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:

Contractor Information

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

Shipping Information

Ship To Address:	

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



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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:		
Control	Delivery Date	Payment Date
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		
U.S. compliance		
<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.		
International compliance		
<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		
Additional state or local code compliance		
<input type="checkbox"/> California (<input type="checkbox"/> Medical facility OSHPD Seismic Cert. Required) <input type="checkbox"/> Machine Room sprinklers		
<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"/> Houston	<input type="checkbox"/> Door Reopen Button, Fire Phase I	
<input type="checkbox"/> Maryland		
<input type="checkbox"/> Michigan	<input type="checkbox"/> Detroit <input type="checkbox"/> MR 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"/> MR Sprinklers
<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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Machine room space limitations?

Indicate enclosure space available. Otherwise, enclosure size based on job requirements. (Check entry hall and door sizes.)
____ H x ____ W x ____ D

Machine room location: Overhead Basement Other

Number of machine rooms: _____

Machine room NEMA rating: 1(std) 12 4 4X
 Air conditioned enclosure (recommended for all but NEMA 1)

Type of Operation

<input type="checkbox"/> Simplex	
Parking Floor: _____	Floor Label: _____
If no parking floor, car stays at last call answered.	
<input type="checkbox"/> Selective collective (intermediate floors have two call buttons in hall)	
<input type="checkbox"/> SAPB Single Automatic Pushbutton (intermediate floors have one call button in hall)	
<input type="checkbox"/> SBC Single Button Collective (intermediate floors have one call button in hall)	
<input type="checkbox"/> Duplex Selective Collective (provide hoistway and machine room drawings)	
Parking: Primary Floor: _____ Floor Label: _____ Secondary Floor: _____ Floor Label: _____ First free car will park at Primary floor. Second free car will park at Secondary floor. If no parking floors, cars stay at last call answered floor.	
<input type="checkbox"/> Group Automatic (provide hoistway and machine room drawings)	
Number of cars: _____	
Lobby Landing #: _____	Floor Label: _____
Parking Floors: Number of cars to park: _____ Floors to park at: _____ (If no parking floor, cars stay at last call answered) (Once parking floors are full, other cars stay at last call answered)	
<input type="checkbox"/> Swing Car Operation Car(s): _____ <input type="checkbox"/> Activated by keyswitch: <input type="checkbox"/> In car <input type="checkbox"/> In hall <input type="checkbox"/> Auto swing	
<input type="checkbox"/> Cross Registration Existing hall P/B schematics are required.	

Fire Service Operation

<input type="checkbox"/> Fire Service Phase I	
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"/> Fire Service Phase II	
Type of switch: <input type="checkbox"/> 3-position <input type="checkbox"/> 2-position	Call Cancel Button: <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Shunt Trip Delay (Nassau County NY, Detroit MI, California or Federal Jurisdiction)	
<input type="checkbox"/> Heat Detectors: (<input type="checkbox"/> Machine Room <input type="checkbox"/> Each floor)	

Operating Features

<input type="checkbox"/> Attendant Service <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Attendant Annunciator Panel in car (Visual hall calls)													
<input type="checkbox"/> Car-to-Lobby switch <input type="checkbox"/> Yes <input type="checkbox"/> No Location: <input type="checkbox"/> Car <input type="checkbox"/> Hall <input type="checkbox"/> Remote Panel Park with doors: <input type="checkbox"/> Open <input type="checkbox"/> Closed Return Landing#: _____ Floor Label: _____													
<input type="checkbox"/> Earthquake Service <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> ASME A17.1 code <input type="checkbox"/> California code <input type="checkbox"/> Traction machine <input type="checkbox"/> Winding drum machine													
<input type="checkbox"/> Seismic switch <input type="checkbox"/> By MCE <input type="checkbox"/> By customer <input type="checkbox"/> Counterweight derailment device <input type="checkbox"/> By MCE <input type="checkbox"/> By customer <input type="checkbox"/> Car to operate on fire or hospital service													
<input type="checkbox"/> Emergency Medical Technician Service (EMT) <input type="checkbox"/> Yes <input type="checkbox"/> No Return landing #: _____ Floor label: _____													
<input type="checkbox"/> Emergency Power Generator <input type="checkbox"/> Yes <input type="checkbox"/> No Does generator power other cars? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes: <input type="checkbox"/> Sequential lowering? (requires emergency power overlay)													
If not sequential: Number of cars to run at a time: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> : _____													
Emer pwr contacts during normal pwr: <input type="checkbox"/> Open <input type="checkbox"/> Closed													
<input type="checkbox"/> Power pre-transfer contact – 10 sec minimum													
<input type="checkbox"/> Manual Select Switch Number of positions: _____ Labels: _____ Is emergency/standby power selector switch located at the designated level in view of all elevator entrances? <input type="checkbox"/> Yes <input type="checkbox"/> No													
<input type="checkbox"/> Flood Operation <input type="checkbox"/> Yes <input type="checkbox"/> No Lowest landing that the car can go in an event of a flood: Landing: _____ Floor Label: _____													
<input type="checkbox"/> Hoistway Access Operation <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													
<input type="checkbox"/> Hospital Service (Code Blue) <input type="checkbox"/> Yes <input type="checkbox"/> No Mark number of each car used for hospital service: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/>													
Landing numbers served: _____													
Number of hospital risers: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> If more than one, list cars assigned to each: #1: _____ #2: _____ #3: _____ #4: _____													
Hospital Phase 2 Activation: <input type="checkbox"/> Hospital Phase 2 switch <input type="checkbox"/> Hospital service indicators Standard operation: Phase 1 – light flashes; Phase 2 – lights continuous													
<input type="checkbox"/> In-Car Inspection switch <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Using top/bottom car calls or up/down buttons													
<input type="checkbox"/> Independent Service <input type="checkbox"/> Yes <input type="checkbox"/> No Key switch location: <input type="checkbox"/> Car (standard) <input type="checkbox"/> Hall <input type="checkbox"/> Pre-test switch in Controller													
<input type="checkbox"/> Select In-Car Access & Inspection Switch Style Only for ASME A17.1-2000/CSA B44-00 or later <input type="checkbox"/> 2-Position (indicate) <input type="checkbox"/> 3-Position													
<table border="0"> <tr> <td style="text-align: center;">ACCESS</td> <td style="text-align: center;">INSPECTION</td> <td style="text-align: center;">OR</td> <td style="text-align: center;">NORMAL</td> </tr> <tr> <td style="text-align: center;">NORMAL </td> <td style="text-align: center;">NORMAL </td> <td></td> <td style="text-align: center;">ACCESS </td> </tr> <tr> <td style="text-align: center;">Requires Access</td> <td style="text-align: center;">Requires Inspection</td> <td></td> <td style="text-align: center;">Requires Access & Inspct</td> </tr> </table>		ACCESS	INSPECTION	OR	NORMAL	NORMAL	NORMAL		ACCESS	Requires Access	Requires Inspection		Requires Access & Inspct
ACCESS	INSPECTION	OR	NORMAL										
NORMAL	NORMAL		ACCESS										
Requires Access	Requires Inspection		Requires Access & Inspct										



Operating Features (continued)

Sabbath operation <input type="checkbox"/> Yes <input type="checkbox"/> No
Security <input type="checkbox"/> Yes <input type="checkbox"/> No
Car call cutouts: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Card reader dry contact <input type="checkbox"/> Keyed floor lockout switches Switch location: <input type="checkbox"/> Car <input type="checkbox"/> Hall Number of switches: _____ <input type="checkbox"/> Car Call Card Reader Override Switch
Hall Call Cutouts: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Card reader dry contact <input type="checkbox"/> Keyed floor lockout switches
<input type="checkbox"/> Car call code security: (enter security code using car call buttons) Security control via: <input type="checkbox"/> PC <input type="checkbox"/> Key on/off switch
<input type="checkbox"/> Bypass Security: (Fire service bypass is standard) <input type="checkbox"/> Independent Service <input type="checkbox"/> Attendant Service <input type="checkbox"/> Other Specify: _____
Special Security Features:
<input type="checkbox"/> Jail Security * <input type="checkbox"/> Deputy/Marshal Service* <input type="checkbox"/> Remote Car Station Control <input type="checkbox"/> Evacuation Service * <input type="checkbox"/> Child / Infant Abduction / Bracelet Operation Number of landings with detection device: _____ Which Landings: Landing #: _____ Floor label: _____ Allow car to run if not at affected landing: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other * (_____)) * additional details must be provided
Timed Fan Light Output: <input type="checkbox"/> Yes <input type="checkbox"/> No Used to turn cab fan/lights off after idle for user adjustable length of time (To 10 minutes); fan/lights to turn on if car in demand.

Load Weighing <input type="checkbox"/> Yes <input type="checkbox"/> No
EMCO Load Weigher <input type="checkbox"/> EMCO Rope Tension Load Weigher, Car: _____ Number of ropes: <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 Rope diameter: <input type="checkbox"/> 10mm <input type="checkbox"/> 1/2 in <input type="checkbox"/> 9/16in <input type="checkbox"/> 5/8 in If additional cars use same roping, and more load weighers are needed, indicate quantity here: _____ If car roping varies, provide information for each car below.
<input type="checkbox"/> EMCO Rope Tension Load Weigher, Car: _____ Number of ropes: <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 Rope diameter: <input type="checkbox"/> 10mm <input type="checkbox"/> 1/2 in <input type="checkbox"/> 9/16in <input type="checkbox"/> 5/8 in
<input type="checkbox"/> EMCO Rope Tension Load Weigher, Car: _____ Number of ropes: <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 Rope diameter: <input type="checkbox"/> 10mm <input type="checkbox"/> 1/2 in <input type="checkbox"/> 9/16in <input type="checkbox"/> 5/8 in
<input type="checkbox"/> K-Tech strain gauge (from MCE)
<input type="checkbox"/> K-Tech strain gauge (from other) Model: _____
<input type="checkbox"/> Other weigher Brand: _____ Model: _____
<input type="checkbox"/> Discrete weigher (dry contact interface) <input type="checkbox"/> Anti-nuisance <input type="checkbox"/> Lobby dispatch <input type="checkbox"/> Hall call bypass <input type="checkbox"/> Overload <input type="checkbox"/> Hoist
Monitoring <input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> mView complete in machine room <input type="checkbox"/> mView interface only to allow future connection
<input type="checkbox"/> iMonitor / iReport, machine room or remote <input type="checkbox"/> iMonitor / iReport interface only allow for future connection
<input type="checkbox"/> IDS Liftnet Interface
Number of monitoring stations:
Distance from group to monitoring station: _____ft Is distance greater than 300ft? <input type="checkbox"/> Yes <input type="checkbox"/> No



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General Information

Voltage

Line voltage available (disconnect): _____

Line voltage measured: _____

AC 3 phase (symmetrical with respect to ground)
 AC 3 phase (grounded leg delta configuration)*
 AC 2 phase AC single phase DC
 60 Hz 50 Hz
 * Isolation Transformer required

Add Isolation Transformer: Yes No
 Add Voltage Surge Suppressor: Yes No
 Add Brown Out Circuit: Yes No
 Add Traction Auxiliary Power Supply(Backup power for controller, only up to 40hp) Yes No

Machine blower
 Voltage: _____ Phase: _____ FLA: _____

Reduced stroke buffers Buffer rating: _____ fpm

Counterweight safety

Jawless Governor (tension sheave switch required)

Regenerative Drive: Yes No
 (returns overhauling power to main line)

Machine and Brake

Machine Existing New (complete additional form)
 New (by MCE – complete additional form)
 MRL (machine roomless)
 Brand: _____

Geared
 Ring & Worm Helical External Tandem
 Gearless AC PM AC Induction
 Encoder model: _____

Roping: 1:1 2:1

FOR MRL APPLICATIONS ONLY:
 Battery Backup Passenger Rescue w/Video
 Remote Governor Set/Reset
 Coil Voltage: _____ AC DC

Brake Existing New Brand: _____

DC Brake (* Required Information)
 Voltage: *Pick: _____ *Hold: _____
 *Coil resistance: _____ Measured Data Sheet
 Contact on brake Type: N/O N/C

AC Brake (* Required Information)
 *Current/Fuse Size: _____ Voltage: _____
 Phase: Single 3-phase

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)

Hollister Whitney Rope Gripper Thyssen Sheave Brake
 Bode Rope Brake Other (_____)
 Secondary/Independent Brake on machine
 (not accepted in Nebraska)
 Power Supply of Brake: 120VAC, 3A slow-blow fuse (Std)
 Other
 If other, please specify: Voltage: _____ FLA: _____

Hoist Motor

Variable Frequency AC

Existing New New by MCE (fill additional form)
 Brand: _____ HP: _____ Volts: _____
 FLA: _____ FL RPM: _____ # Poles: _____
 Sync RPM: _____ Frequency: _____
 For 2-speed motor, measure high speed winding.
 Encoder cable length: _____

Other name plate data: _____

Variable Voltage DC

Existing New New by MCE
 Brand: _____ Volts: _____
 HP: _____ RPM: _____ FLA: _____

Other name plate data: _____

Shunt field voltage:
 Forcing: _____ Full Speed: _____ Standing: _____

Shunt field resistance:
 Measured Data Sheet # of coils:
 Series Series/Parallel
 Hot Cold

Loop Circuit Voltage while running (measure 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: _____

Velocity feedback
 By MCE By other
 Tachometer
 Flange Foot
 Encoder
 Encoder cable length: _____

If gearless:
 Drive sheave diameter: _____
 Diameter of surface to run tach: _____



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Car Gate Door Operation

Automatic passenger style doors
 Powered freight style doors
 Manual doors
 Other: _____

Gate Release Solenoid (not standard)

Voltage: _____ 3-Phase AC 1-Phase AC DC
 Fuse: 2A 3A Other: _____

Hoistway Doors

Automatic passenger style doors
 Powered freight style doors
 Manual doors (complete below)
 Other: _____ (complete below)

Interlocks:
 Door Closed contact Yes No
 Door Locked contact Yes No
 Brand: _____ Model: _____

Door locking cam
 Retiring (not driven by automatic passenger style car gate)
 Voltage: _____ 3-Ph AC 1-Ph AC DC
 Fuse: 2A 3A Other: _____

Fixed cam
 Bar lock (manually operated)
 Mechanical
 (driven by automatic passenger style car gate)

Door Features

Infrared detector unit/photo eye
 Cut-out switch in COP
 Anti-Nuisance

Mechanical safety edge

Heavy doors at landings (list landings): _____

Dual door operators on same side for wide opening

Cartop door open/close buttons
 (non solid state door operators)

Door Hold Operation (non-fire operation)
 Switch Button (max hold = 120 seconds)

Nudging
 Reduced torque with buzzer
 Buzzer only
 Ignore photo eye after "x" interval

If safety edge or door open button activated, doors should:
 Stop Re-open Other: _____

Sketch or Special Instructions

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
 MOVFR I MOM/MOH
 MOVFR II MOMVC/MOHVC
 MOD (230V) MOSVCL
 MOD (115V) MOPM-P/MOPM-PL
 MODHA MOCT/MOCTA/MODCT/
 MOMCT/MOHCT
 MODVC/MODHVC Motor Voltage: 220 110
 MOA Logic Voltage: 220 110

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

TKE/Dover
 HD03 HD68/70/73/91 (Circle model number)
 HD98/85 (Requires SmarTraq upgrade kit)
 Smart tech

Otis
 6970A – Resistance 6970A – Reactance
 7300 A7770A
 7782AA OVL
 iMotion 1 & 2 AT400

ECI
 895/1000 2000

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

Powered Freight Style Doors

Door Controller Model

Peelle New Model: _____
 Existing (electrical schematic required)

Courion New Model: _____
 Existing (electrical schematic required)

EMS New Existing
 (electrical schematic required)

Other New Existing
 Model: _____
 (electrical schematic required)

Door Operation (freight only)

Opening: Automatic Momentary pressure

Closing: Automatic Momentary pressure
 Constant pressure

Fire Phase I Closing: Automatic Momentary pressure
 Constant pressure



Landings & Openings

Ldg #	Floor Label	Floor Height	Car		Car		Car		Car		Car	
			F	R	F	R	F	R	F	R	F	R
	O.H.											
32			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PIT											
Capacity: <input type="checkbox"/> kg <input type="checkbox"/> lbs												
Up Speed: <input type="checkbox"/> ms <input type="checkbox"/> fpm												
Down Speed:												
Total Travel: <input type="checkbox"/> m <input type="checkbox"/> ft												

Number of hoistways: _____

Hoistway NEMA Rating:
 1 (standard) 12 4 4 X
 Other: _____

Sprinkler Installations
 In machine room
 In hoistway
 In pit at 24" or less (NEMA 4 required below 48")

EEO limit switches by MCE for Final limits only

TM Switch (music box)

Hand held Unit – mPAC
(Recommended but not required)

MCE Traveling cable
If yes, please fill out cable data form

NOTE: Floor Label note: If using CE or E-Motive driver board, floor label should not be more characters than the number of digital PI display characters (##)

