



Motion Control Engineering
Voice: 916 463 9200
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iControl Traction Engineering Survey Form

Page 1 of 11

Doc #:42-FR-0449 B4 (JER117)
www.nidec-mce.com

LOGISTICS INFORMATION

MCE to complete shaded area

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

In order to better serve you and meet your schedule, this form must be completed and signed. Timely delivery and trouble-free installation begin with this data form. Accurate and complete information is essential. Non-response to a question will be defined as meaning that the item does not apply.

Job Type

- | | | |
|---|---|---|
| <input type="checkbox"/> Federal Government | <input type="checkbox"/> DoD / UFGS
(TSSA Cert. Req'd) | <input type="checkbox"/> Other Government |
| <input type="checkbox"/> School or University | <input type="checkbox"/> Office Building | <input type="checkbox"/> State Government |
| <input type="checkbox"/> Hospital | <input type="checkbox"/> Other | <input type="checkbox"/> Courthouse |
| <input type="checkbox"/> Jail / Prison | | <input type="checkbox"/> Private |

Site & Contact Information

Building Information	
Address:	
City:	
State:	Zip Code:
Building Owner Representative	
Print Name:	
Title:	
Business Phone:	
Cell Phone:	
eMail:	
Address:	
City:	
State:	Zip Code:

Contractor Information

Company Name:	
Contact Name:	
Company Phone:	
Cell Phone:	
eMail:	
Address:	
City:	
State:	Zip Code:

Form Completed By

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

Consultant Information

Consulting Firm Name:	
Contact Name:	
Business Phone:	
Cell Phone:	
eMail:	
Address:	
City:	
State:	Zip Code:

Shipping Information

Ship to Address:	
Advanced Notification Required:	
<input type="checkbox"/> 24 hrs	<input type="checkbox"/> 48 hrs
Lift Gate Truck Required:	
<input type="checkbox"/> Yes	<input type="checkbox"/> No

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 (Onsite) Date*	Payment Date
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Car " "		
Group " "		

*Crane Required: ☐ Yes ☐ No

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/Other 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:
<input type="checkbox"/> Laminated Drawing	# Required:
<input type="checkbox"/> Drawing on CD	# 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./Imperial <input type="checkbox"/> S.I./Metric	
North American Compliance: <input type="checkbox"/> U.S. <input type="checkbox"/> Canada	
ASME A17.1/B44 Edition: <input type="checkbox"/> 2019	
<input type="checkbox"/> 2016 <input type="checkbox"/> 2013 <input type="checkbox"/> 2010 <input type="checkbox"/> 2007 <input type="checkbox"/> 2004 <input type="checkbox"/> 2000	
Addenda/Supplements: <input type="checkbox"/> 2008(a) <input type="checkbox"/> 2005(a) <input type="checkbox"/> 2002(a)	
(None for A17.1-2010 and later) <input type="checkbox"/> 2009(b) <input type="checkbox"/> 2005(S) <input type="checkbox"/> 2003(b)	
<input type="checkbox"/> ASME A17.1-1996/98	
<input type="checkbox"/> ASME A17.1-____ (Specify edition & addenda)	
International Compliance:	
<input type="checkbox"/> Australia AS 1735	
<input type="checkbox"/> EN 81	
<input type="checkbox"/> Other (Specify):	
Additional Jurisdictional Code Compliance:	
<input type="checkbox"/> California medical facility OSHPD Seismic Certification (additional charge for certified cabinet)	
<input type="checkbox"/> Chicago Fire Code (select one): <input type="checkbox"/> Current OR <input type="checkbox"/> 2001	
<input type="checkbox"/> Denver <input type="checkbox"/> Pressurized hoistway	
<input type="checkbox"/> GSA	
<input type="checkbox"/> Hawaii	
<input type="checkbox"/> Houston, TX <input type="checkbox"/> Existing Door Reopen Button, Fire Phase I	
<input type="checkbox"/> Maryland	
<input type="checkbox"/> Michigan <input type="checkbox"/> Permit/contract date prior to 6/21/2010?	
<input type="checkbox"/> Nebraska	
<input type="checkbox"/> New York City, NY <input type="checkbox"/> Appendix K <input type="checkbox"/> RS-18	
<input type="checkbox"/> Seattle, Washington	<input type="checkbox"/> Multiple Phase I Switches
<input type="checkbox"/> Washington State	# of 3-position: _____ # of 2-position: _____
<input type="checkbox"/> TSSA <input type="checkbox"/> Collapsible Car Top Guard Rail	
<input type="checkbox"/> UFGS Specs Specify Branch:	
<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

Type of Operation

<input type="checkbox"/> Simplex Home Landing#: _____ Floor Label: _____	
<input type="checkbox"/> Group Automatic (iCentral w/ enhanced iCue) Number of Cars: _____ Number of Hall Call Risers: _____ Lobby Landing #1: _____ Floor Label: _____ Lobby Landing #2: _____ Floor Label: _____	
PLUG: iCue to dispatch existing (non-iControl) MCE Equipment: <input type="checkbox"/> Yes <input type="checkbox"/> No Existing control type being retained: <input type="checkbox"/> IMC <input type="checkbox"/> PTC <input type="checkbox"/> Other Please contact MCE Sales Team to confirm eligibility of PLUG upgrade.	
<input type="checkbox"/> Swing Car Operation 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) Openings/Landings Serviced under Swing: <input type="checkbox"/> Identical to Normal Group Automatic <input type="checkbox"/> Other (Provide Details)	
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.	
Destination-Based Dispatching? <input type="checkbox"/> Yes** <input type="checkbox"/> No <input type="checkbox"/> Lobby Boost <input type="checkbox"/> Full DBD **Please complete DBD Survey form 42-FR-0465 A1 (JER147)	
Cross Cancellation/Registration Panel* (iCue required) 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"/> Cross Registration <input type="checkbox"/> Cross Cancellation *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"/> 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 NOTE: For flood hazard zones, the designated and alternate fire recall floors should be at or above the base flood elevation.	
Additional 2-position switch: <input type="checkbox"/> Yes <input type="checkbox"/> No For Federal jobs, location of additional 2-position switch: Landing #: _____ Floor Label: _____	
Hoistway sensors: <input type="checkbox"/> At or below lower level of recall <input type="checkbox"/> Above lower level of recall	
<input type="checkbox"/> "Elevator Control Panel" (Chicago High Rise only)	
<input type="checkbox"/> Fire Service Phase II <input type="checkbox"/> Fire Service Access Elevator(s)? _____ (list)	
Type of switch: <input type="checkbox"/> 3-position <input type="checkbox"/> 2-position Call Cancel Button: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Additional Fire Operation Requirements for NY, Detroit MI, or GSA/Federal Jurisdictions: <input type="checkbox"/> Shunt Trip Delay <input type="checkbox"/> Heat Detector Locations: <input type="checkbox"/> MR <input type="checkbox"/> HW <input type="checkbox"/> Each floor	

Operating Features

Attendant Service: <input type="checkbox"/> Yes <input type="checkbox"/> No Annunciator Panel in Car (Monitoring Hall Calls Registered): <input type="checkbox"/> Yes <input type="checkbox"/> No	
Car to Lobby Switch: <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	
Earthquake Service: <input type="checkbox"/> Yes <input type="checkbox"/> No Code Compliance: <input type="checkbox"/> ASME <input type="checkbox"/> California (Group II) 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 <input type="checkbox"/> Earthquake hoistway scan switch in COP? (optional for 2016 and later) NOTE: A manually reset switch that is positively opened mechanically must be provided at the machine to detect the displacement of the suspension members or the suspension members' retainer. <input type="checkbox"/> Alarm button (required in COP; 2016 or later)	
Emergency Power Operation: <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 NOTE: Cars under EP overlay control to recall/sequence one car at time. If other, please provide additional EP details. 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 pretransfer contact – 10 sec minimum: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Manual Selector Switch 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)	
For AC Controls; When Emergency Power Active, energy (power) to be handled by: <input type="checkbox"/> Braking Resistors <input type="checkbox"/> Regen Drive (if req'd)	
Emergency Medical Technician (EMT) Service: <input type="checkbox"/> Yes <input type="checkbox"/> No Recall Landing: _____ Floor Label: _____	
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: _____ NOTE: The designated and alternate fire recall floors should be at or above this level.	
Hospital Service (Code Blue): <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	
Independent Service: <input type="checkbox"/> Yes <input type="checkbox"/> No Key switch location: <input type="checkbox"/> Hall <input type="checkbox"/> Car	
Sabbath Operation: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Timed Fan Light Output: <input type="checkbox"/> Yes <input type="checkbox"/> No Used to turn cab fan/lights off after a user-adjustable length of time (5 to 10 minutes) if the car is at a floor on automatic operation with the doors closed and no demand.	

Inspection/Access Requirements

Car Top Inspection Station by MCE (NEMA 1 only)

☐ Yes ☐ No

Extended Shaft Car Top Inspection ☐ Yes ☐ No

(Bypasses 1st set of directional & final limits to move the car further up the hoistway during car top inspection; 2nd set of directional & final limits required, along with a separate multi-pole switch on car top complying with A17.1, 2.26.4.3.)

Hoistway Access Operation

☐ Yes ☐ No

Top access switch:

☐ Yes ☐ No

Switch location:

☐ Front ☐ Rear

Bottom access switch:

☐ Yes ☐ No

Switch location:

☐ Front ☐ Rear

In-car Access switch must be 2-position type (OFF/ENABLE).

In-Car Inspection Switch:

☐ Yes ☐ No

In-car Inspection switch must be 2-position type (INSP/NORM).

In-car inspection using separate up/down buttons: ☐ Yes ☐ No

Remote Monitoring (Connectivity)

Remote Monitoring Required: ☐ Yes ☐ No

New controller to be monitored by system that is:

☐ New ☐ Existing

Number of Monitoring Stations where controllers shall be connected: ☐ 1 ☐ 2 ☐ Other ____

Max number of monitoring connections supported:

Simplex (4) Groups (8)

Controller requires connectivity to:

☐ iMonitor (☐ Campus View ☐ iLobby)

☐ iReport

☐ BMS via BACnet ☐ SENTRY

☐ IDS Liftnet ☐ SAVIOKE ROBOT

☐ MCE Jail Application

Please complete **Elevator Monitoring Survey Form** (Page 11) located at the back of this iControl Survey Form packet, as additional monitoring station details are required.

Security Devices

**Car Call Cutouts: ☐ Yes ☐ No

☐ Card Reader Dry Contact

Contact Rating: ☐ 120VAC (Std) ☐ 24VDC

☐ Keyed floor lockout switches

Switch location: ☐ Car ☐ Hall

Number of switches: ____

Floors secured by keyswitch: ____

☐ Car Call Code using Car Pushbuttons

**Hall Call Cutouts: ☐ Yes ☐ No

☐ Card Reader Dry Contact

Contact Rating: ☐ 120VAC (Std) ☐ 24VDC

☐ Keyed Hall Station Lockout

Floors Secured by Keyswitch: ____

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*

☐ Discrete to 3rd party ☐ MCE Jail Application

☐ Deputy/Marshal Service*

☐ Remote Car Station Control

☐ Bracelet Security / Infant Abduction*

☐ 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

**Not applicable to full destination systems, please refer to DBD Survey form for security options: 42-FR-0465 (JER147)

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 (Anti-nuisance)

☐ Heavy load (Hall call bypass)

☐ Overload

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.

**Standard spec. if no selection is made.

General Information

Line Voltage

Rated: _____ Measured: _____ ☐ 60 Hz ☐ 50 Hz

☐ AC 3 Phase (☐ Symmetrical or ☐ Grounded Leg Delta*)

☐ AC 2 Phase ☐ AC Single Phase ☐ DC

* Isolation Transformer required

Other Power Related Features:

Add isolation transformer: ☐ Yes ☐ No

Isolation Transformer Sequential Start: ☐ Yes ☐ No

TVSS (Surge suppressor) required: ☐ Yes ☐ No

Brownout Circuit: ☐ Yes ☐ No

Available Fault Current from AC Feed (kA): _____

Standard Controller SCCR (Short Circuit Current Rating):

- Up to 50 hp: 5kA
- 51-200 hp: 10kA
- 201-400 hp: 18kA

If the available fault current exceeds these standard values, please notify MCE for a quote.

Reduced Stroke Buffers: ☐ Yes ☐ No

Buffer rating: _____ fpm Buffer stroke: _____ inches

Counterweight safety ☐ Yes ☐ No

Governor tail sheave dislodged switch (OSHPD) ☐ Yes ☐ No

Jawless governor (tail sheave limit sw. req'd) ☐ Yes ☐ No

☐ Suspension-Means Monitoring (req'd for A17.1-2010 and later)

☐ Steel wire ropes \geq 8mm (Standard)

☐ Steel wire ropes < 8mm *

☐ Suspension means other than steel wire ropes *

* For non-standard suspension means, the customer must provide the Broken Suspension Member (2.20.8.2) or Suspension Member Residual Strength (2.20.8.3) monitoring means, including a normally closed contact.

Controller Type

☐ iControl AC (AC Regenerative Drive Req'd: ☐ Yes ☐ No)
(Quattro Drive Required: ☐ Yes ☐ No)

☐ iControl DC (Quattro Drive Required: ☐ Yes ☐ No)

Machine and Brake

Machine ☐ Existing ☐ New ☐ New by MCE

Brand: _____

Machine location: ☐ Overhead ☐ Basement ☐ MRL

☐ Geared ☐ Ring & Worm ☐ Helical

☐ External ☐ Tandem

☐ Gearless ☐ AC PM ☐ AC Induction ☐ DC

Roping: ☐ 1:1 ☐ 2:1

For MRL Applications:

☐ Battery Backup Passenger Rescue with Video

☐ Remote Governor Set / Reset

Coil Voltage: _____ ☐ AC ☐ DC

Brake ☐ Existing ☐ New Brand: _____

☐ DC Brake (AC Brake control is not available for iControl)

Voltage: Pick: _____ Hold: _____

Coil Resistance: _____ ☐ Measured ☐ Data Sheet

☐ Hot ☐ Cold

Contact on Brake: ☐ Yes ☐ No

Type: ☐ N/O ☐ N/C

☐ Battery Brake Release (Required by controller with use of some machine models.)

Machine Blower: ☐ Yes ☐ 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 may trigger the requirement to add an emergency brake as well, depending on the Code edition (i.e., change in type of service, operation or motion control; increase in rated load or speed; and replacing the driving machine or replacing the motion controller).

☐ Secondary/Independent Brake on machine

☐ Identical to Main Brake

☐ Other - Pick: _____ Hold: _____ Coil Resistance: _____

☐ Hollister Whitney Rope Gripper (120VAC) ☐ Hilliard Brake

☐ Hydraulic ☐ Linear

☐ Rotary (110VDC)

☐ Bode Rope Brake

☐ MK Brake (# of Coils _____)

☐ 120VAC ☐ Other: _____

☐ 100VDC ☐ 210VDC

☐ Torin Sheave

☐ Brake (110VDC) ☐ Clamp (220VAC)

☐ Thyssen Sheave Brake (125VDC)

☐ Draka Sure Stop (220VAC)

☐ Other: Make/Model _____

Voltage: _____ FLA: _____

Hoist Motor

Variable Frequency AC

☐ Existing ☐ New ☐ 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: _____

Variable Voltage DC

☐ Existing ☐ New ☐ New by MCE

Brand: _____ HP: _____

Voltage: _____ FLA: _____ RPM: _____

Other name plate data: _____

Shunt Field Voltage:

Forcing: _____ Full Speed: _____ Standing: _____

Shunt Field Resistance: _____ (ohms)

☐ Measured ☐ Data Sheet # of coils: _____

☐ Series ☐ Series/Parallel

☐ Hot ☐ 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: _____

Velocity Feedback Device

☐ By MCE ☐ By Customer

☐ Analog Tachometer (Mount: ☐ Flange ☐ Foot)

If gearless;

Drive sheave diameter: _____ in

Diameter of surface to run tach: _____ in

☐ Digital Velocity Encoder (shaft driven device)

Encoder cable length _____ ft

DOOR INFORMATION

Door Information

Car Gate

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

Gate Release Solenoid (not standard) ☐ Yes ☐ No

Voltage: ____ ☐ AC 3-Phase ☐ AC 1-Phase ☐ DC
Current/Fuse size: ☐ 2A ☐ 3A ☐ Other: ____

Hoistway Doors

- ☐ Automatic passenger style doors
☐ Powered freight style doors
☐ Manual doors (complete below)
☐ Other: _____ (complete below)
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
☐ 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; at which floor(s): _____
☐ Dual door operators on same side for wide opening
☐ Cartop door open/close buttons (nonsolid state door operators)
☐ 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 is activated, doors should:
☐ Stop ☐ Re-open
☐ Door open button ☐ Front ☐ Rear
☐ Door close button ☐ Front ☐ Rear

Automatic Passenger Style Doors

MCE

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

GAL

- ☐ MOVFR I
☐ MOVFR II
Voltage: ☐ 220VAC ☐ 110VAC
(220 is default if no selection made)
☐ MOMVC/MOHVC ☐ MOM/MOH
☐ MOD (230V) ☐ MOSVCL
☐ MOD (115V) ☐ MOPM-P/MOPM-PL
☐ MODHA ☐ MOCT/MOCTA/MOCT/ MOMCT/MOHCT
Motor Voltage: ☐ 220 ☐ 110
Logic Voltage: ☐ 220 ☐ 110

MAC/Kone

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

TKE/Dover

- ☐ HD03M ☐ HDLM
☐ HD68/70/73/91
☐ HD98/85 (Requires SmarTraq upgrade kit)

Otis

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

ECI

- ☐ 895/1000 ☐ VFE2500
☐ 2000
Voltage: ☐ 220VAC ☐ 115VAC
(220 is default if no selection made)

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 ☐ Existing
Model: (electrical schematic required)
☐ Courion ☐ New ☐ Existing
Model: (electrical schematic required)
☐ EMS ☐ New ☐ Existing
Model: (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 Ph. I Closing: ☐ Automatic ☐ Momentary pressure
☐ Constant pressure

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

☐ Elevator Car Call Sequential Step Scanning (required by ICC A117.1 on new passenger elevators where the car call buttons are located more than 48" above the floor)

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

(Required for car speeds above 200 FPM)

Annunciator device provided by: ☐ CE Electronics
☐ Other: _____

Annunciator Signal Format:

- ☐ Serial (3-Wire Microcom type)
☐ Discrete (☐ One line per floor or ☐ Binary)

Special Notes:

[Enter Here](#)

Destination Based Operation: ☐ Yes ☐ No

If Yes, Please Complete DBD Survey form: 42-FR-0465 A1 (JER147)

Lobby Panel

- ☐ Yes (Please provide details and/or DWGs of this panel) _____
☐ No

Status Indicators

Type	Volts	AC	DC
Attendant Service			
<input type="checkbox"/> Status (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Annunciator Panel (Displaying hall calls registered)			
<input type="checkbox"/> Call Status Registration Buzzer	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
Door Status			
<input type="checkbox"/> Hold <input type="checkbox"/> Left Open	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Door Close Warning (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)			
Earthquake Service (** denotes 2016 or later)			
<input type="checkbox"/> EQ Slow Speed** (Required in COP for EQ hoistway scan)			
<input type="checkbox"/> EQ Mode (COP) (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)**			
<input type="checkbox"/> Seismic Status (Adjacent to each inspection station)**			
<input type="checkbox"/> Adjacent to Controller	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Adjacent to cartop inspection station			
<input type="checkbox"/> Adjacent to in-car inspection Switch			
<input type="checkbox"/> Other inspection stations (list) _____			
<input type="checkbox"/> Alarm bell in building audible in each car (activated by alarm button COP; not powered by controller)**			
<input type="checkbox"/> Per car <input type="checkbox"/> Per group			
Emergency Power Operation			
<input type="checkbox"/> Recall (Phase 1)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Car Selected to Run (Phase 2)			
<input type="checkbox"/> Car at Recall Floor with Doors Open			
<input type="checkbox"/> EMT Service (Emergency Medical Technician)			
<input type="checkbox"/> Car <input type="checkbox"/> Hall (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Recall (Phase 1)			
<input type="checkbox"/> Car Selected to Run (Phase 2)			
<input type="checkbox"/> Car at Recall Floor with Doors Open			
<input type="checkbox"/> Fire Service (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hospital Service (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> In-Service Light (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> In-Use Light	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Load Status (<input type="checkbox"/> Light <input type="checkbox"/> Heavy <input type="checkbox"/> Overload)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Nudging Buzzer	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Out of Service (<input type="checkbox"/> Light <input type="checkbox"/> Buzzer)	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <input type="checkbox"/> Other:	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/> 24 <input type="checkbox"/> 120 <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
☐ MAD or ☐ Other (Customer Supplied Serial Device)
(discrete signals from MCE only – fill in *Discrete Digital Section below)
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: _____ Driver Location(s): _____
☐ Car _____ ☐ with direction arrows
☐ Hall _____ ☐ with direction arrows
At landing #: _____ Floor Label: _____
Signal Format:
☐ One line per floor
☐ Binary (Code begins at 1st landing ☐ 00 ☐ 01)
☐ Grey Code

Signal Voltage:

- ☐ 120VAC (Standard)
☐ 24VDC
☐ Other

Voltage: _____ ☐ AC ☐ DC

If DC, common is: ☐ Positive ☐ Negative

**Motion Control Engineering**

Voice: 916 463 9200

Fax: 916 463 9201

iControl Traction Engineering Survey Form

Page 9 of 11

Doc #42-FR-0449 B4 (JER117)

www.nidec-mce.com

LANDINGS & OPENINGS**Landings & Openings**

If more than 32 landings and/or 10 cars, please use additional sheets.

Ldg #	Floor Label	Floor Height	Car		Car		Car		Car		Car		Car		Car		Car		Car		Car			
			F	R	F	R	F	R	F	R	F	R	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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>		
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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"/>	<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"/>	<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"/>		
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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"/>	<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"/>	<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"/>		
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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"/>	<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"/>		
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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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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"/>	<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																								

NOTE: Hoistway Layout Forms are required for each unique landing configuration including riser, opening, and wall/barrier location. These forms must be filled out by hand and faxed to MCE. Enter the number of drawings you are submitting here: _____

Monitoring Application Required:

MCE application: ☐ iMONITOR ☐ iREPORT
3rd party Monitoring System: ☐ BMS-LINK (via BACnet)

Number of remote monitoring stations required: ☐ 1 ☐ 2 ☐ 3 ☐ Other (provide details) _____

When ethernet cabling runs are greater than 100m (328 ft), network (hyper) extenders are required.

Where needed, network extender to be provided by: ☐ MCE ☐ Others

Number of elevator systems to be monitored: ☐ 1 ☐ 2 ☐ 3 ☐ Other (provide details) _____

Please provide additional details regarding the elevator systems (simplex, duplex, & groups) below:

ELEVATOR IDENTIFICATION/REFERENCE	# OF CARS	PRODUCT TYPE (M2K, M4K, ICONTROL, IMC, PTC, ELEMENT)	MCE JOB NUMBER (IF APPLICABLE)
Example: State Capitol #1 to #3	3	iControl	2020012345
1)			
2)			
3)			
4)			
5)			
6)			

iMonitor Station #1

Station location: ☐ Lobby/Concierge Desk ☐ Security Office (@ floor _____)
☐ Fire Control Room ☐ Engineering Office (@ floor _____)
☐ Building Manager's Office (@ floor _____)

Estimated distances between monitoring station #1 and above elevator systems:

(1) _____ (ft) (2) _____ (ft) (3) _____ (ft) (4) _____ (ft) (5) _____ (ft) (6) _____ (ft)

Hardware provided by: ☐ MCE ☐ Others

PC: ☐ Desktop (recommended) ☐ Laptop

Monitor size: ☐ 17" (standard) ☐ 19" ☐ 21"
☐ 22" Touchscreen (iMonitor only)

Printer required at this location: ☐ Yes ☐ No

iMonitor Station #2

Station location: ☐ Lobby/Concierge Desk ☐ Security Office (@ floor _____)
☐ Fire Control Room ☐ Engineering Office (@ floor _____)
☐ Building Manager's Office (@ floor _____)

Estimated distances between monitoring station #2 and above elevator systems:

(1) _____ (ft) (2) _____ (ft) (3) _____ (ft) (4) _____ (ft) (5) _____ (ft) (6) _____ (ft)

Hardware provided by: ☐ MCE ☐ Others

PC: ☐ Desktop (recommended) ☐ Laptop

Monitor size: ☐ 17" (standard) ☐ 19" ☐ 21"
☐ 22" Touchscreen (iMonitor only)

Printer required at this location: ☐ Yes ☐ No

iMonitor Station #3

Station location: ☐ Lobby/Concierge Desk ☐ Security Office (@ floor _____)
☐ Fire Control Room ☐ Engineering Office (@ floor _____)
☐ Building Manager's Office (@ floor _____)

Estimated distances between monitoring station #3 and above elevator systems:

(1) _____ (ft) (2) _____ (ft) (3) _____ (ft) (4) _____ (ft) (5) _____ (ft) (6) _____ (ft)

Hardware provided by: ☐ MCE ☐ Others

PC: ☐ Desktop (recommended) ☐ Laptop

Monitor size: ☐ 17" (standard) ☐ 19" ☐ 21"
☐ 22" Touchscreen (iMonitor only)

Printer required at this location: ☐ Yes ☐ No

iMonitor Station #4

Station location: ☐ Lobby/Concierge Desk ☐ Security Office (@ floor _____)
☐ Fire Control Room ☐ Engineering Office (@ floor _____)
☐ Building Manager's Office (@ floor _____)

Estimated distances between monitoring station #4 and above elevator systems:

(1) _____ (ft) (2) _____ (ft) (3) _____ (ft) (4) _____ (ft) (5) _____ (ft) (6) _____ (ft)

Hardware provided by: ☐ MCE ☐ Others

PC: ☐ Desktop (recommended) ☐ Laptop

Monitor size: ☐ 17" (standard) ☐ 19" ☐ 21"
☐ 22" Touchscreen (iMonitor only)

Printer required at this location: ☐ Yes ☐ No

iREPORT

When a project requires a reporting component, only (1) building iREPORT system is required per building, as long as network connectivity is available from all elevator systems.

iREPORT consists of a client and a server. The client application of the iREPORT can reside on any/all network PCs that have connectivity to the iREPORT server.

The server application (database) is a separate PC which is located on the elevator network which collects all elevator system events that occur. Server PC can be in the elevator machine room or at any of the iMONITORing locations.

If required, is there a specific location that is set up for this PC?

☐ Yes

iREPORT PC to located at: ☐ iMonitor Station # _____

☐ Other (please provide details)

☐ No (MCE Engineering to determine)