Nidec MCE	Motion Control Engineering Voice: 916 463 9200 Fax: 916 463 9201	**M2000 Touchscreen Hydraulic Engineering Survey**
Page 1 of 7	Doc #: 42-FR-0494 A7 JER149 www.nidec-mce.com	**LOGISTICS INFORMATION**

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

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

☐ Federal Government ☐ State Government ☐ Other Government
☐ School or University ☐ Courthouse ☐ Hospital
☐ 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**

M2000 Touchscreen Hydraulic Engineering Survey

LOGISTICS & CODE DATA

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

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.

☐ Drawing Sets	# Required: __
☐ Manuals	# Required: __

Elevator Safety Code Compliance

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

Job Location (City/State): _____

Contract Date: _____

Project Type: ☐ New Construction ☐ Modernization

Elevator Duty: ☐ Passenger ☐ Service ☐ Freight

Measurements: ☐ U.S./Imperial ☐ S.I./Metric

North American Compliance: ☐U.S. ☐Canada

ASME A17.1/B44 Edition: ☐ 2019

☐ 2016 ☐ 2013 ☐ 2010 ☐ 2007 ☐ 2004 ☐ 2000

Addenda/Supplements: (None for A17.1-2010 and later)
☐ 2008(a) ☐ 2005(a) ☐ 2002(a)
☐ 2009(b) ☐ 2005(S) ☐ 2003(b)

☐ ASME A17.1-1996/98

☐ ASME A17.1-_____ (Specify edition & addenda)

International compliance:

☐ Australia AS 1735

☐ EN 81

☐ Other (Specify): _____

Additional jurisdictional code compliance:

☐ California medical facility OSHPD Seismic Certification (additional charge for certified cabinet)

☐ Chicago Fire Code (select one): ☐ Current Edition **OR** ☐ 2001

☐ Denver ☐ Pressurized hoistway

☐ GSA

☐ Hawaii

☐ Houston, TX ☐ Existing Door Reopen Button, Fire Phase I

☐ Maryland

☐ Massachusetts 524 CMR

☐ Michigan ☐ Permit/contract date prior to 6/21/2010?

☐ New York City, including Appendix K

☐ Seattle, WA ☐ Multiple Phase I Switches
☐ Washington # of 3-position: _____ # of 2-posn:_____

☐ TSSA ☐ Collapsible Car Top Guard Rail

☐ Additional Compliance Requirements? Explain: _____

Job Specification

Does project have job specifications? ☐ Yes ☐ No

If yes, number of pages: _____

Have specifications been forwarded to MCE? ☐ Yes ☐ No

M2000 Touchscreen Hydraulic Engineering Survey

CONTROL INFORMATION

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

Type of Operation

☐ **Simplex**

Parking Floor: _____ Floor Label: ___

If no parking floor, car stays at last call answered.

☐ Selective collective
(intermediate floors have two call buttons in hall)

☐ SAPB Single Automatic Pushbutton
(intermediate floors have one call button in hall)

☐ SBC Single Button Collective
(intermediate floors have one call button in hall)

☐ **Duplex* or Group**
(provide hoistway and machine room drawings)

☐ Duplex Selective Collective

☐ Group Operation

Number of hall call risers per floor: __

First Parking Floor: __ Floor Label: _____

Second Parking Floor: __ Floor Label: _____

Third Parking Floor: __ Floor Label: _____

First free car will park at **First Parking** floor.
Second free car will park at **Second Parking** floor, etc.
If no parking floors, cars stay at last call answered floor.

☐ Swing Car Operation Car(s): _____
Please describe in special instructions on next page.

☐ Cross Cancellation Panel (existing must be relay logic)
(Existing hall P/B schematics are required.)

☐ Cross Registration
(Existing hall P/B schematics are required.)

***Currently a TS Controller can only be duplexed with another TS Controller**

Fire Service Operation

☐ **Fire Service Phase I**

Main Landing #:___ Floor Label:___

Doors will open: ☐ Front ☐ Rear

Alternate Landing #:___ Floor Label:___

Doors will open: ☐ Front ☐ Rear

NOTE: For **flood hazard zones**, the designated and alternate fire recall floors should be at or above the base flood elevation.

☐ Additional Fire Phase I main return switch:
Switch location: Landing #: ___ Floor Label: ___

☐ Hoistway smoke detectors
☐ At or below lower level of recall
☐ Above lower level of recall

☐ "Elevator Control Panel" (Chicago high-rise only)

☐ **Fire Service Phase II**

Additional Fire Operation Requirements for Detroit MI, or GSA/Federal Jurisdictions:

☐ Shunt Trip Delay

☐ Heat Detectors: (☐ MR ☐ HW ☐ Each floor)

Operating Features

☐ **Attendant Service**
☐ Annunciator Panel in car

☐ **Car-to-Lobby Lobby/Floor switch** _____
Location: ☐ Car ☐ Hall ☐ Remote Panel
Park with doors: ☐ Open
☐ Closed (not recommended if in-car switch)
Return Landing#: _____ Floor Label: _____

☐ **Earthquake Service** (shuts car down at floor)

☐ **Emergency Medical Service (EMS)**
Landing #: _____ Floor label: _____

Operating Features (continued)

☐ **Emergency Power Generator:** (not battery lowering)
Generator voltage same as line voltage? ☐ Yes ☐ No
Does same generator power other cars? ☐ Yes ☐ No
Number of cars to run at a time: ☐ 1 ☐ 2 ☐ 3

Emer pwr contacts during normal pwr: ☐ Open ☐ Closed

☐ Power pre-transfer contact – 10 sec minimum

☐ Emergency Power Overlay

☐ Manual Select Switch
Number of positions: __ Labels:_____
Is emergency/standby power selector switch located at the designated level in view of all elevator entrances?
☐ Yes ☐ No

☐ **Fan / Light Timer Option**
(Turns off in-car fan and light after period of inactivity)

☐ **Flood Operation**
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.

☐ **Foldable/Collapsible Cartop Rail**

☐ **Hospital Service (Code Blue):**
Landing #s: _____ Floor labels: _____
NOTE: Requires a serial link for Hall Calls.

☐ **Independent Service**
☐ Pre-test switch in Controller

☐ **Sabbath Operation**

Inspection/Access Requirements

Car Top Inspection Station ☐ Yes ☐ No
by MCE (NEMA 1 only)

Extended Shaft Car Top Inspection ☐ Yes ☐ No
(Bypasses 1st set of directional limits to move the car further up the hoistway during car top inspection; 2nd set of directional limits required, along with a separate multi-pole switch on car top complying with A17.1, 2.26.4.3; both sets of directional limits must be physical switches.)

Hoistway Access Operation	☐ Yes	☐ No
Top access switch:	☐ Yes	☐ No
Switch location:	☐ Front	☐ Rear
Bottom access switch:	☐ Yes	☐ No
Switch location:	☐ Front	☐ Rear

Select In-car Access (enable) switch type below.

In-Car Inspection Operation ☐ Yes ☐ No
☐ Using top/bottom car calls or ☐ up/down buttons.
Select In-car Inspection switch type below

In-Car Inspection and/or Access Switch type
(Only for ASME A17.1-2000/CSA B44-00 or later)
☐ 2-Position Inspection (INSP/NORM) switch
☐ 2-Position Access (ENABLE/OFF) switch
☐ 3-Position (INSP/OFF/ACCESS ENABLE) switch

Load Weighing ☐ Yes ☐ No
(Discrete oil pressure switches for load weighing)

Monitoring

☐ mView complete in machine room
☐ mView interface only to allow future connection

☐ iMonitor / iReport, machine room or remote
☐ iMonitor /Report interface only to allow future connection

☐ IDS Liftnet interface

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

Security

Car Call Security
- ☐ Card reader lockouts (dry contacts)
  - ☐ Car call card reader override switch
    - Switch Location: _____
- ☐ Keyed floor lockout switches
  - Switch location: ☐Car ☐Hall:
  - Number of switches: _____
- ☐ Floor Lockouts via PC (iMonitor)
- ☐ Basic security (enter security code using car call buttons)
  - Enable/disable via: ☐ Key-switch on/off | Location: _____
  - ☐ 7-Day Timer (hardware)

Hall Call Security
- ☐ Card reader lockouts (dry contacts)
  - ☐ Hall call card reader override switch
    - ☐ Single switch overrides all car and hall card readers. Location: _____
- ☐ Keyed floor lockout switches
- ☐ Floor Lockouts via PC (iMonitor)

☐ **Wandering Patient**

☐ **Bypass Security:** (Fire service bypass is standard)
- ☐ Independent Service ☐ Attendant Service
- ☐ Other:_____

Enclosures

Machine room NEMA rating: ☐ **1(std)** ☐ **12** ☐ **4** ☐ **4X**

Number of machine rooms: _____
- ☐ Air-conditioned enclosure (recommended for all but NEMA 1)
- ☐ Hinged enclosure (additional charge)
- ☐ GFCI outlet required in enclosure (added charge)
- ☐ Light required in enclosure (added charge)
- ☐ Enclosure pedestals required ☐ 2 inch ☐ 12 inch (Not available for OSHPD jobs)
- ☐ Machine room space limitations?

Indicate maximum space available for enclosure. Otherwise, MCE will select the enclosure based on job requirements. (Also consider limitations of entry halls and doors.)

_____ H x _____ W x _____ D

Line Voltage

(actual measured line voltage) Choose closest below.

☐ 600 ☐ 575 ☐ 480 ☐ 460 ☐ 440 ☐ 415
☐ 380 ☐ 240 ☐ 230 ☐ 220 ☐ 208 ☐ 200
☐ 115 ☐ Other: _____

☐ AC 3 Phase (standard) ☐ AC 2 Phase ☐ AC Single Phase
☐ AC 3 phase (grounded leg delta configuration)*
* ATL motor starting only, unless isolation transformer used.

☐ 60 Hz (standard in U.S.) ☐ 50 Hz

Available Fault Current from AC Feed (kA):_____
Standard Controller SCCR (Short Circuit Current Rating):
- Up to 50 hp: 5kA
- 51-200 hp: 10kA

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

Other Power Related Features
- ☐ Brown Out Circuit
- ☐ TVSS Surge Suppressor

Motor Starting

(All MCE starters include Reverse Phase Sensor)

☐ Solid State ☐ 3/9 Lead Motor ☐ 6/12 Lead Motor (standard)

☐ WYE-DELTA

☐ ATL (Across the Line)

☐ Customer supplied starter
(Interface charges apply. Indicate type of starter above.)
Brand: _____ Model: _____
- ☐ Remote
- ☐ In MCE controller
  - ☐ MCE to install (customer shipping to MCE)
  - ☐ Customer to install (provide location/dimension sketch)

Additional charges will apply if coil voltage other than 120VAC.

Hydraulic Data

Pump Motor(s)

☐ New by MCE (Complete pump unit data form)
☐ New ☐ Existing

HP:_____ Motor brand:_____

Full load amps (MCE will estimate if blank): _____

Starts per hour: ☐ 80 (std) ☐ 120 (requires larger starter)

Multiple Motors (complete only for 2 or more motors)
Number of motors: ☐ 2 ☐ 3 ☐ 4
Number of disconnects: ☐ 1 ☐ 2 ☐ 3 ☐ 4
Starting: ☐ Sequential (recommended) ☐ Simultaneous
☐ Single motor operation if abnormal conditions

Valve(s)

Brand ☐ Maxton ☐ EECO ☐ Blain
☐ TKE/Dover ☐ Bucher (Beringer)
☐ Pilot Relays ☐ Other (specify): _____

Model: _____

Number of valves: ☐ 1 (standard) ☐ 2 ☐ 3 ☐ 4

Coils per valve: ☐ 1 ☐ 2 ☐ 3 ☐ 4 (standard) ☐ 5

Voltage: ☐ 120VAC (standard)
☐ Other (additional charge): V=_____

Hydraulic Features

☐ Battery Powered Lowering
- ☐ By MCE
- ☐ Other: _____ (electrical schematic required)

☐ Life Jacket Interface

☐ Low Oil Switch

☐ Oil Tank Temperature Shutdown Switch

☐ Pressure Switch Interface
(required when top of cylinder is above top of storage tank)

☐ Resynchronous circuit for telescopic or dual pistons

☐ Roped Hydro
- ☐ Governor Set (electrical schematic required)
- ☐ Governor Set/Reset
  - Coil Voltage: _____

☐ Viscosity Control

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

Door Information

Car Gate

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

☐ **Gate Release Solenoid** (not standard) ☐ Yes ☐ No

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:
Closed contact ☐ Yes ☐ No
Locked contact ☐ Yes ☐ No

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)
☐ Mechnical
(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 (nonsolid 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 ___ seconds

Sketch or Special Instructions

Automatic Passenger Style Doors

MCE

- ☐ Profile Door Operator (fill out separate Profile data form)
- ☐ SmarTraq Complete (Fill out separate SmarTraq data form)
- ☐ SmarTraq Upgrade
  (Upgrades existing operator to closed loop. Mark existing model below.)

GAL

- ☐ MOVFR I
- ☐ MOVFR II — Voltage: ☐ 220VAC ☐ 110VAC (220 is default if no selection made)
- ☐ MOMVC/MOHVC
- ☐ MOD (230V)
- ☐ MOD (115V)
- ☐ MODHA
- ☐ MODVC/MODHVC
- ☐ MOA
- ☐ MOM/MOH
- ☐ MOSVCL
- ☐ MOPM-P/MOPM-PL
- ☐ MOCT/MOCTA/MODCT/ 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** **Model:**_____	☐ New	☐ Existing (electrical schematic required)
☐ **Courion** **Model:**_____	☐ New	☐ Existing (electrical schematic required)
☐ **EMS** **Model:**_____	☐ New	☐ Existing (electrical schematic required)
☐ **Other** **Model:**_____	☐ New	☐ Existing (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
Door Stop Button	☐ Car	☐ Hall
Hall Door:	☐ Open	☐ Closed

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

Serial Link (Fixtures must be 24VDC, 6 watts max)

☐ Car Operating Panel ☐ Hall Calls # of risers: _____
Call pushbuttons must be mechanical.

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

☐ Auxiliary Car Station

Car Calls

Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other: _____
☐ AC ☐ DC
Type: ☐ LED ☐ Incandescent

Hall Calls

Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other: _____
☐ AC ☐DC
Type: ☐ LED ☐ Incandescent

Position Indicators

☐ Car

☐ MCE CE 3-wire driver board (built into controller)
☐ MCE E-Motive 3-wire driver board (built into controller)
☐ MAD OR ☐ Other [Customer-supplied Serial]
(Discrete signals from MCE only – fill in *Discrete section below)
☐ *Discrete signals* (Multi-Light, serial, or non-3 wire digital)
*Provide information below:
Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other:_____
☐ AC ☐DC (+ common) ☐DC (- common)
Type: ☐ Multi-light
☐ To customer supplied external serial driver board
Brand _____ Model _____
☐ Digital (not MCE Driver board)
☐ One line per floor
☐ Binary code begins at landing 1
☐ 00 ☐ 01
☐ Gray Code

☐ Hall

Location: ☐ All floors ☐ Main fire return ☐ Other: _____
☐ MCE CE 3-wire driver board (built into controller)
☐ MCE E-Motive 3-wire driver board (built into controller)
☐ MAD OR ☐ Other [Customer-supplied Serial]
(Discrete signals from MCE only – fill in *Discrete section below)
☐ *Discrete signals (Multi-Light, serial, or non-3 wire digital)
*Provide information below:
Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other:_____
☐ AC ☐DC (+ common) ☐DC (- common)
Type: ☐ Multi-light
☐ To customer supplied external serial driver board
Brand _____ Model _____
☐ Digital (not MCE Driver board)
☐ One line per floor
☐ Binary code begins at landing 1
☐ 00 ☐ 01
☐ Gray Code

☐ Voice annunciation

☐ MCE CE 3-wire driver board interface (built into controller)
☐ Other:_____

Special Notes: _____

Lanterns

☐ Car Lanterns
☐ MCE CE 3-wire driver board (built into controller)
☐ MCE E-Motive 3-wire driver board (built into controller)
☐ Discrete signals – Bulb wattage _____
Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other:_____
☐ AC ☐DC
Type: ☐ Chime ☐ Gong

☐ Hall Lanterns
☐ MCE CE 3-wire driver board (built into controller)
☐ MCE E-Motive 3-wire driver board (built into controller)
☐ Discrete signals – Bulb wattage _____
Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other:_____
☐ AC ☐DC
Type: ☐ Chime ☐ Gong

☐ Passing floor signal
☐ MCE CE 3-wire driver board (built into controller)
☐ MCE E-Motive 3-wire driver board (built into controller)
☐ Discrete signals
Voltage: ☐ 24 ☐ 48 ☐ 120 ☐ Other:_____
☐ AC ☐DC
Type: ☐ Chime ☐ Gong
☐ Passing floor enable ("S" button)

Status Indicators

Type	Volts	AC	DC
Attendant Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Attendant Buzzer	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Call Registration Buzzer	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Door Closing Buzzer (typically freight only)	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Door Hold Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Door Left Open Bell	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
EMT Service Light, Car	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
EMT Service Light, Hall	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Fire Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Fire Buzzer	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Hospital Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Hospital Buzzer	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
In-Service Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
In-Use Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Load Status Light	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
Nudging Buzzer	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐
	☐ 24 ☐ 48 ☐ 120 ☐ Other: _____	☐	☐

NOTE: GRAYED-OUT FEATURES ARE NOT AVAILABLE AT THIS TIME.

Floor Label*	Landing #	Floor Height	Car ___		Car ___		Car ___		Car ___	
			F	R	F	R	F	R	F	R
			Check front and rear floor openings below							
	16	*overhead*	☐	☐	☐	☐	☐	☐	☐	☐
	15	*15-16*	☐	☐	☐	☐	☐	☐	☐	☐
	14	*14-15*	☐	☐	☐	☐	☐	☐	☐	☐
	13	*13-14*	☐	☐	☐	☐	☐	☐	☐	☐
	12	*12-13*	☐	☐	☐	☐	☐	☐	☐	☐
	11	*11-12*	☐	☐	☐	☐	☐	☐	☐	☐
	10	*10-11*	☐	☐	☐	☐	☐	☐	☐	☐
	9	*9-10*	☐	☐	☐	☐	☐	☐	☐	☐
	8	*8-9*	☐	☐	☐	☐	☐	☐	☐	☐
	7	*7-8*	☐	☐	☐	☐	☐	☐	☐	☐
	6	*6-7*	☐	☐	☐	☐	☐	☐	☐	☐
	5	*5-6*	☐	☐	☐	☐	☐	☐	☐	☐
	4	*4-5*	☐	☐	☐	☐	☐	☐	☐	☐
	3	*3-4*	☐	☐	☐	☐	☐	☐	☐	☐
	2	*2-3*	☐	☐	☐	☐	☐	☐	☐	☐
	1	*1-2*	☐	☐	☐	☐	☐	☐	☐	☐
		Pit								
Capacity: ☐ lbs ☐ kg										
Up Speed: ☐ fpm ☐ m/s										
Down Speed: ☐ fpm ☐ m/s										
Total Travel: ☐ ft ☐ m										

*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 (888)

Hoistway NEMA Rating: ☐ 1 (standard) ☐ 12 ☐ 4 ☐ 4X

Number of Hoistways: ____

☐ **EECO Hoistway Limit Switches** (Note: Only two mechanical limit switches are required with LS-EDGE landing system)

☐ **MCE Landing System:**

☐ Tape (LS-EDGE) Tape length _____ Tape Type: ☐ Steel (Std.) ☐ Stainless Steel

☐ Tape (LS-QUTE) Hoistway NEMA 1 only Tape length _____ Tape Type: ☐ Steel (Std.) ☐ Stainless Steel

☐ Vane (LS-STAN)

Rail (lbs): ☐ 8 – 12 ☐ 15 – 18.5 ☐ 22.5 – 30

☐ **Customer Supplied Landing System**

☐ **Traveling Cable** **(Note: Separate form required)**