VC Virginia Controls

Company: _____	**Purchase Order #:** _____
Address: _____	**Date:** _____
_____	**Job Name:** _____
Attn.: _____	_____
Phone: _____	**Job Location:** _____
Fax: _____	**Installation By:** _____
Email: _____	**Number of Cars:** _____
Ship To: _____	**Contact:** _____
Address: _____	**Phone:** _____

Lift Gate Truck: ☐ Yes ☐ No

Delivery Notification: ☐ 24 hrs* ☐ 48 hrs* *(Freight fees applicable)*
☐ Notification by VC

Req. Ship Date: _____

Certification: ☐ UL/CUL   **Office Prints:** ☐ 11"x17" ☐ Submittals

Service: ☐ Passenger ☐ Freight ☐ Service

Type: ☐ Geared ☐ Gearless   **Machine Room:** ☐ Overhead ☐ Basement ☐ MRL *(Brake pulse unit will be quoted)*

Controller: ☐ Vision 2.0 w/Car Top Inspection Station *(serial I/O)* ☐ VF-3000 *(discrete-wired)*
☐ GE/Emerson RX3i PLC ☐ A-B CompactLogix PLC ☐ A-B ControlLogix PLC ☐ Other: _____

Building Power: _____ V - _____ φ - _____ Hz

Car Capacity: _____ lbs. **Car Speed:** _____ fpm   **Roping Ratio:** _____ :1

Drive: ☐ Variable Freq AC *(Open-Loop ≤ 150FPM)*   ☐ Synchronous Permanent Magnet AC Drive* ☐ Regenerative
☐ Flux Vector AC* *(Closed-Loop ≥ 200FPM)*   ☐ SSAC

Landings: **No. of Landings:** _____ **Total Travel:** _____ ft. ☐ Short Floors
Front Openings @ stops #: _____
Rear Openings @ stops #: _____

Travel Between Landings:

1-2: ___ ft.	2-3: ___ ft.	3-4: ___ ft.	4-5: ___ ft.	5-6: ___ ft.	6-7: ___ ft.
7-8: ___ ft.	8-9: ___ ft.	9-10: ___ ft.	10-11: ___ ft.	11-12: ___ ft.	12-13: ___ ft.	13-14: ___ ft.
14-15: ___ ft.	15-16: ___ ft.	16-17: ___ ft.	17-18: ___ ft.	18-19: ___ ft.	19-20: ___ ft.	20-21: ___ ft.
21-22: ___ ft.	22-23: ___ ft.	23-24: ___ ft.	24-25: ___ ft.	25-26: ___ ft.	26-27: ___ ft.	27-28: ___ ft.
28-29: ___ ft.	29-30: ___ ft.	30-31: ___ ft.	31-32: ___ ft.	32-33: ___ ft.	33-34: ___ ft.	34-35: ___ ft.

Color-coded travel cable: *(Vision 2.0 controllers only)*

Length: _____ ft. *(NOTE: default length is Total Travel + 70 ft.)*

Type: ☐ Jute Core w/grips *(suspended < 200 ft.)* ☐ Steel Core w/hangers *(suspended > 200 ft. - non stock item)*

Operation:

☐ Selective Collective   ☐ Single Automatic Pushbutton

☐ Single Button Collective   ☐ Constant Pressure Pushbutton

☐ Call & Send   ☐ Real Time Dispatching

☐ Simplex   ☐ Duplex

☐ Group: _____

Doors: ☐ GAL MOVFR ☐ GAL Other: _____ ☐ VC MODSS Door Controller

☐ MAC Solid State ☐ ECI: _____ ☐ Swing Door

☐ Other: _____

☐ Manual: ☐ Fixed Cam ☐ Retiring Cam: ☐ AC: _____ V - _____ φ - _____ Hz @ _____ Amps ☐ DC _____ V, _____ Ω, _____ Amps

☐ Power Freight: Manufacturer ☐ Courion ☐ EMS ☐ Peelle Model# _____ ☐ Auto-open ☐ Auto-close

☐ Power Freight doors - Battery Assisted opening *(only with Battery Rescue Services - if requested)*

Fire & Safety Code:

☐ A17 '22 ☐ A17 '19 ☐ A17 '16 ☐ A17 '13 ☐ A17 '10 ☐ A17 Other Year *('98 or later)*: _____

☐ CAN B44- _____ *(year)* ☐ Local Code: _____ ☐ Other: _____

☐ Fire Service Phase 1 Only ☐ NO FIRE SERVICE

Main Fire Landing: Landing#: _____ Label: _____   **Alternate Fire Landing:** Landing#: _____ Label: _____

Fixture Interfaces:

☐ **Pre-Wire Fixtures:** Ship boards to: _____ Ship by Date: _____

Fixture Voltages: *(MH-3000 standard is 120VAC, Vision 2.0 standard is 24VDC)* Car/COP: _____ V Hall/Hoistway: _____ V

Hall I/O Boards: ☐ Screw Terminal Connections *(CANbus cable by Virginia Controls)* ☐ Plug-In *(RJ45)* Connections *(CAT5 cable by Installer)*

☐ Car Position Indicator: ☐ Digital ☐ Multi-light

☐ Hall Position Indicator: ☐ Digital ☐ Multi-light ☐ Hall PI's @ Non-Main Landing

☐ C.E. Electronics Micro-Comm PI Driver Board *(Floor Labels Required - see page 4)* ☐ Voice Annunciator

☐ Passing Gong _____ V ☐ AC ☐ DC

☐ Car Travel Lantern _____ V ☐ AC ☐ DC ☐ Serial *(from driver board)* ☐ ½ Stroke Gong Programming by VC

☐ Hall Lanterns _____ V ☐ AC ☐ DC ☐ Serial *(from driver board)* ☐ ½ Stroke Gong Programming by VC

☐ Door Open Bell _____ V ☐ AC ☐ DC

☐ In-Use Lights _____ V ☐ AC ☐ DC

☐ Barrier Free Gong _____ V ☐ AC ☐ DC Barrier Free Gong @ Landings" # _____

Feature Interfaces:

☐ Hoistway Inspection Access: ☐ Top ☐ Bottom ☐ Other   ☐ Drive Applied Harmonic Filter *(IEEE 519)*

☐ In-Car Inspection *(if Hoistway is checked do not select this)*   ☐ Drive Isolation Transformer

☐ Independent Service   ☐ Emergency Terminal Slowdown Device *(ETSD)*

☐ Generator Operation: ☐ Auto ☐ Manual ☐ Group   ☐ Fan & Light Auto K/O

☐ Battery Rescue Services: ☐ Full Auto ☐ Brake Pulse   ☐ Governor Set/Reset Circuit

☐ Door Nudging with Timed Electric Eye Cutout   ☐ Homing: Specify Landing#: _____

☐ Infrared Curtain Unit *(Nudge on Fire Service)*   ☐ Load Weighing Bypass *(Device not included)*

☐ Safety Edge: ☐ Electric Eye   ☐ Load Weighing Overload *(Device not included)*

☐ Hospital Service *("Code Blue")*   ☐ Reverse Phase Monitor

☐ Massachusetts EMT Hospital Service   ☐ Seismic *(EQ)*: Device & Code: _____

☐ Anti-Nuisance   ☐ Machine Room Monitoring *(Vision 2.0 only)*: ☐ Local ☐ Remote

☐ Key or Card Lockout in C.O.P. @ Ldg.#'s: _____   ☐ Wifi Interface *(Vision 2.0 only)*: ☐ Router+Tablet ☐ Router Only

☐ Security Service *(Code entered via car call buttons)*   ☐ Other: _____

☐ Car-to-Lobby Switch   ☐ Other: _____

☐ Door Hold Open: ☐ Switch ☐ Button   ☐ Other: _____

Enclosures: *(Hinged with lift off cover standard)*

☐ Wall Mounted ☐ Free Standing ☐ Back Panel Only

☐ NEMA 1 ☐ NEMA 12 ☐ NEMA 4 ☐ NEMA 4x ☐ Other: _____

☐ Special Dimensions: _____ " H x _____ " W x _____ "D   ☐ Cooling: ☐ Fan Kit ☐ AC Unit

Positioning/Leveling System:

☐ ELGO Absolute Positioning System *(Vision 2.0 Controllers ONLY)*

☐ IP-8300   ☐ IP-8700   ☐ NEMA 1 Steel Tape   ☐ NEMA 12/4/4X Stainless Steel Tape

☐ Landing/Leveling by Others: ☐ Output/Floor   ☐ Pulsing

Car Top Inspection Enclosure: *(Vision 2.0 Controllers ONLY)*
☐ NEMA 1   ☐ NEMA 4/12   ☐ NEMA 4X

Brake: (*Provide Manufacturer's Data / Nameplate Data*)

☐ Hollister/Whitney   ☐ Other _____   Economy Switch: ☐ Yes ☐ No

☐ AC: _____V - _____φ @ _____Amps ☐ DC: Pull-In: _____V Hold: _____V _____Ω

☐ Emergency Sheave Brake   ☐ Rope Brake

1 or 2 Speed AC & Variable Frequency:

Manufacturer:_____

Motor: ____V - 3φ - 60Hz   _____HP   Ratio: ____:1

Machine No.: _____   Frame Size: _____

Fast: _____Amps _____RPM   Slow: _____Amps _____RPM   No Load *(Mag):* _____Amps

Synchronous Permanent Magnet AC:

Machine Manufacturer:_____   Machine Efficiency:_____%   Sheave Dia.: _____in.

Motor: ____V - 3φ - ____Hz   _____Amps   _____kW   _____RPM   Rated Torque: _____

Abs. Encoder: ☐ Stegmann *(Hiperface Interface)* ☐ Heidehain *(EnDat Interface)* ☐ Other: _____

Compensation: ☐ Cable ☐ None

Special Notes: _____

_____

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Floor labels:

(for programming CE PI Driver board)

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4		
3		
2		
1		
	Front	**Rear**

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