VIRGINIA CONTROLS

TRACTION SURVEY FORM

Company:		**VC #**	
Address:		**Purchase Order #**	
		Date:	
Att.:		**Job Name:**	
Phone:		**Job Location:**	
Fax:		**Number of Cars**	

Ship To:

Company:		**Contact:**	
Address:		**Phone:**	
		Notice Required:	[ ] 24 hrs [ ] 48 hrs [ ] Other
		Lift Gate Truck:	[ ] Yes [ ] No

Certification: [ ] UL [ ] CSA [ ] Other: _____

Office Prints: [ ] 11"x17" [ ] Diskette/CD [ ] Submittals [ ] Email Address: _____

Type: [ ] Passenger [ ] Freight [ ] Overhead [ ] Basement [ ] MRL [ ] Geared [ ] Gearless
[ ] Relay Logic [ ] Microprocessor (MH-3000) [ ] PLC (GE 90-30) [ ] PLC (Other): _____

[ ] SSAC [ ] 2SAC [ ] MG-Set (Open-Loop) [ ] MG-Set (Closed-Loop)* [ ] DC Drive*
[ ] Variable Freq AC *(Open-Loop ≤150FPM)* [ ] Flux Vector AC* *(Closed-Loop ≥200FPM)*
[ ] Synchronous Permanent Magnet AC Drive* [ ] * Tach/Encoder required: _____

Landings: No. of Landings: ____ Total Travel: _____ [ ] Short Floors
Front Openings #____ @ _____ Rear Openings #____ @ _____

Travel Between Ldgs.: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6_____ 7 _____ 8 _____ 9 _____ 10
10 _____ 11 _____ 12 _____ 13 _____ 14 _____ 15_____ 16 _____ 17 _____ 18 _____ 19 _____ 20
20 _____ 21 _____ 22 _____ 23 _____ 24 _____ 25_____ 26 _____ 27 _____ 28 _____ 29 _____ 30

Operation: [ ] Selective Collective [ ] Single Automatic Pushbutton [ ] Call & Send
[ ] Single Button Collective [ ] Constant Pressure Pushbutton [ ] Real Time Dispatching

[ ] Simplex [ ] Duplex [ ] Triplex [ ] Group Specify: _____
[ ] Operator Interface Unit [ ] Machine Room Monitoring [ ] Machine Room Monitoring w/Remote Access
Notes: _____

Doors: [ ] GAL MOD [ ] GAL MOM [ ] GAL MOH [ ] GAL MOVFR [ ] VCI MODSS Door Controller
[ ] MAC SS [ ] MAC STD [ ] ECI: _____ [ ] Other: _____

[ ] Manual: [ ] Retiring Cam [ ] Fixed Cam [ ] Bi-parting Freight [ ] Swing Door
[ ] AC: _____V - __ϕ - ___Hz @ _____ Amps [ ] DC: _____V - _____Ω @ _____Amps
[ ] Power Freight Manuf.: _____ [ ] Auto-open [ ] Auto-close

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Building Power:____V - ___ϕ - ___Hz **Car:** Capacity: _____ Speed: _____

Landing/Leveling System: [ ] IP 8300 [ ] IP-8700 [ ] NEMA 1 w/Steel Tape [ ] NEMA 12/4 w/Stainless Steel Tape
[ ] Car Top Mag. Switch Package *(Max 6 Ldgs. 200 fpm)*
[ ] Programmable Car Top Selector [ ] Programmer [ ] Limit Switch & Cam Package
[ ] Landing/Leveling by Others: [ ] Output/Floor [ ] Pulsing

Emergency Fire Svc: [ ] A17 '96 [ ] A17 '98 [ ] A17 '00 [ ] A17 '02 [ ] A17 '04 [ ] A17 '05
[ ] CAN B44-98 [ ] CAN B44-00 [ ] Local Code: _____
Main Landing: _____ Alternate Landing: _____

Fixtures: ***Standard Fixture Voltage is 115VAC Unless Specified***
[ ] Car Position Indicator [ ] Hall Position Indicator ____V [ ] AC [ ] DC
[ ] Hall PI's @ Non-Main Ldg. [ ] Direction Arrows [ ] Line Per Floor Inputs [ ] Binary Input [ ] Gray Code Input
[ ] C.E. Electronics PI Driver Board
[ ] Call Register Lights ____V [ ] AC [ ] DC
[ ] Car Travel Lantern ____V [ ] AC [ ] DC [ ] ½ Stroke Gong Programming by VC
[ ] Hall Lanterns ____V [ ] AC [ ] DC [ ] ½ Stroke Gong Programming by VC
[ ] Passing Gong ____V [ ] AC [ ] DC
[ ] Door Open Bell ____V [ ] AC [ ] DC
[ ] In-Use Lights ____V [ ] AC [ ] DC
[ ] Barrier Free Gong ____V [ ] AC [ ] DC BFG @ Ldg. _____

Features:
[ ] Hoistway Insp. Access [ ] Top [ ] Btm [ ] _____
[ ] Inspection Pushbuttons in Controller
[ ] 3-Wire Calls
[ ] Independent Service
[ ] Attendant Service
[ ] Emergency Generator Operation
[ ] Door Nudging with Timed Electric Eye Cutout
[ ] Infrared Curtain Unit (Nudge on Fire Service)
[ ] Safety Edge with [ ] ICU or [ ] Elect. Eye
[ ] Load Weighing Bypass (Device Not Included)
[ ] Reverse Phase Monitor
[ ] Slow Speed on Inspection
[ ] Fire Service Blanking of Position Indicator
[ ] 5-Minute Position Indicator Cutout
[ ] Shunt Trip Operation
[ ] Hospital Service -- "Code Blue"
[ ] Massachusetts EMT Hospital Service
[ ] Security Service *(code entered via car call buttons)*
[ ] Card Reader Provisions
[ ] Car-to-Lobby Switch
[ ] Key Lockouts in C.O.P. @ Ldgs.: _____
[ ] Emergency Terminal Slowdown Device
[ ] Rope Brake
[ ] Homing Specify Landing: _____
[ ] Seismic Specify Device & Code: _____
[ ] Drive Isolation Transformer
[ ] Drive Applied Harmonic Filter (IEEE 519)
[ ] _____
[ ] _____
[ ] _____

Enclosures: [ ] Wall Mounted [ ] Free Standing [ ] Back Panel Only [ ] Hinged Enclosure
[ ] NEMA 1 [ ] NEMA 12 [ ] NEMA 4 [ ] NEMA 4X [ ] Other: _____
[ ] Special Dimensions: ____" H x ____" W x ____" D _____

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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

NOTE: Please provide as much information as available about the motor you want the project to be based on.

1 or 2 Speed AC & Variable Frequency: *Provide Manufacturer's Data / Nameplate Data*

[ ] Existing or New Motor by You

Manuf.: _____ Motor: ____V-3ϕ-60Hz _____HP Ratio: ___:1

Fast: _____A _____RPM Slow: _____A _____RPM No Load (Mag): _____ A

[ ] New Motor by VCI

[ ] Foot Mounted Required Motor RPM: _____

[ ] Flange Mounted:

Machine Manuf.: _____ Machine No.: _____ Frame Size: _____

Synchronous Permanent Magnet AC: *Provide Manufacturer's Data / Nameplate Data*

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

Motor: ____V-3ϕ-____Hz _____Amps _____kW _____RPM Roping: ___:1

Abs. Encoder: [ ] Stegmann (Hiperface Interface) [ ] Heidehain (EnDat Interface) Compensation: [ ] Cable

[ ] Other: _____ [ ] None

Motor-Generator: *Provide Manufacturer's Data / Nameplate Data*

Manuf.: _____ [ ] New [ ] Reuse

AC: ____HP _____VAC _____ F.L. Amps _____RPM [ ] Wye-Delta [ ] Across-the-line

[ ] Other: _____

Generator: _____KW Name Plate ____VDC Name Plate _____A

Shunt Field: [ ] Series [ ] Parallel *(Provide Sketch)*

Shunt Field Resistance (Measured) _____Ω

Shunt Field Volt @ Level Speed: Up _____V Down _____V Level Speed: Up ____FPM Down ____FPM

Shunt Field Volt @ High Speed: Up _____V Down _____V

Note: Provide "Controller Schematic" showing connections of generator suicide & hoist motor loop with "wire markings".

DC Hoist Motor: *Provide Manufacturer's Data / Nameplate Data*

Manuf.: _____ [ ] New [ ] Reuse

_____HP _____RPM Name Plate ____ V Name Plate _____ A

Field: [ ] Series [ ] Parallel *(Provide Sketch)*

Field Voltage @ High Speed: _____ V Field Voltage @ Level Speed: _____V Field Voltage @ Standing: _____V

Field Resistance (Hot): _____ Ω High Speed (Tached): Up _____ FPM Down _____ FPM

Arm. Volts @ High Speed: Up _____V Down _____V Arm. Amps @ High Speed: Up _____A Down _____A

Special Notes:

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