GAL Manufacturing Company LLC
50 East 153rd Street, Bronx, NY 10451
Phone: (718) 292 9000 **Fax:** (718) 292 2034
Web site: www.gal.com

Reset

Date: _____
Est. No.: _____
Controller No.: _____
Fixture No.: _____
Door Equipment No.: _____
P.O. No.: _____

Traction Data Form

Version 2.1 - 03/28/2019

Company Name: _____ Address: _____
Contact: _____ Email: _____
Phone: _____ Cell: _____
Technical Contact: _____ Email: _____
Phone: _____ Cell: _____
Job Name: _____ Job No.: _____
Job Address: _____
_____ City: _____ State/Prov.:
Are there any jobs specifications? ☐ Yes ☐ No Were job specifications sent to G.A.L.? ☐ Yes ☐ No
Building Voltage: _____ VAC 3Ph/60Hz ☐ Single Phase AC Controller Type: ☒ GIV ☐ GIII

Standard Features Provided Are: Access, Anti-nuisance, Independent, Load weighing disable sw, Overload light in COP, Handicap buzzer, Car to lobby, Door hold, Fan and light timer.

Standard Enclosure Sizes For GIV Are: SMALL-(77.5in x 32.25in x 16.5in) and LARGE-(77.5in x 42in x 18.2in). The following are included with cabinet: Legs, Work light, Fan.

ELEVATOR SAFETY CODE COMPLIANCE

Code Edition: ASME A17.1 / B44 ☐ 2016 ☐ 2013 ☐ 2010 ☐ 2007 ☐ 2004 ☐ 2000
ASME A17.1 ☐ 1996 ☐ 1993 ☐ NYC ☐ Other: _____

GENERAL INFORMATION

Car name: (1st car installed ☒)	1 ☐	2 Copy ☐	3 Copy ☐	4 Copy ☐	5 Copy ☐	6 Copy ☐	7 Copy ☐	8 Copy ☐
Car speed (FPM):								
Car capacity (Lbs):								
S=Simplex / G=Group:								
Number of floors: Configure floor								
Front openings:								
Rear openings:								

MACHINE AND BRAKE

Machine: ☐ New ☐ Reuse existing Brand: _____ Model: _____ Hollister-Whitney job No.: _____
Machine type: ☐ Geared ☐ Gearless Motor type: ☐ AC ☐ DC Wire run distance between
Machine location: ☐ Overhead ☐ Basement ☐ MRL Roping: ☐ 1:1 ☐ 2:1 controller and motor: _____ feet
Main brake: DC: Pick volt: _____ Hold volt: _____ Resistance: _____ AC**: Volts: _____ Phase: _____ Amps: _____
Em brake: _____ ☐ Ind. 2nd brake on machine Pick volt: _____ Hold volt: _____ Res: _____
☐ Blower motor Volts: _____ Phase: _____ Amps: _____

HOIST MOTOR

Motor: ☐ New ☐ Reuse existing Brand: _____ Model: _____

Motor data AC	1	2 Copy	3 Copy	4 Copy	5 Copy	6 Copy	7 Copy	8 Copy
Horse power:								
Full load volts:								
Full load amps:								
RPM:								
Rated frequency (Hz):								
Acceleration volts:								
Acceleration amps:								

HOIST MOTOR

Motor: ☐ New ☐ Reuse existing Brand: _____ Model: _____

Motor data DC	1	2 Copy	3 Copy	4 Copy	5 Copy	6 Copy	7 Copy	8 Copy
Horse power:								
Armature full load volts:								
Armature full load amps:								
RPM:								
Field force volts:								
Field weakening volts:								
Field stand-by-volts:								
Field resistance:								
Field connection (S, P, S/P):								

☐ GAL supplied encoder kit Note: Encoder typically supplied by motor manufacturer. PPR: 2048/geared, 10000/gearless

MOTOR CONTROL PREFERENCE

Drive: ☐ KEB AC ☐ DSD 412 ☐ QUATTRO

Motor energy dissipation: ☐ Regen ☐ Non-regen Note: DSD 412 and Quattro are regenerative drives

LINE/LOAD CONDITIONING

☐ Isolation transformer by GAL ☐ Isolation transformer by others ☐ Line reactor ☐ Load reactor Note: Ripple filter (DC only) and Line filter included

CAR POSITIONING/LEVELING

☐ Absolute Positioning System ☐ Tapeless Positioning System (12mm diameter live shaft governor required for tapeless selector)

☐ Reduced stroke buffer

SIGNAL FIXTURES

Fixture manufacturer: ☐ GAL

☐ Other: _____ ☐ Prewired COP (By GAL)

Send COP boards:

☐ To fixture manufacturer ☐ With controller ☐ To customer before controller is shipped

Car IOs: ☐ Prewired cartop distribution station (Standard, includes cartop interface I/O boards) ☐ All car interface I/O boards in COP

Car calls: ☐ Main ☐ Main and auxiliary ☐ Remote car station

☐ 24 VAC ☐ 120 VAC ☐ 24 VDC

Car lanterns: ☐ 24 VAC ☐ 120 VAC ☐ 24 VDC ☐ CE Micro com Audible signal: ☐ Chime ☐ Gong

Car position indicator: ☐ 24 VAC ☐ 120 VAC ☐ 24 VDC ☐ Digital-Binary ☐ Multilight ☐ DL-20**

☐ CE Micro com ☐ Emotive ☐ GIOTTO & VOICE ☐ Alternate floor markings (Specify on page 4)

☐ CE Micro com voice annunciator ☐ Voice annunciator discrete wiring ☐ Other: _____

Car call security: ☐ Per car Configure floor ☐ Per group Configure floor

Via: ☐ Switch(es) in COP ☐ Switch(es) in hall/lobby station ☐ Card reader ☐ Call buttons code entry

Activation: ☐ Always locked ☐ Switch in car ☐ Switch in hall ☐ Lift Net/Galileo

Hall calls: ☐ Main ☐ Main and auxiliary

Discrete: ☐ 24 VAC ☐ 120 VAC ☐ 24 VDC

Serial: ☐ GAL (24 VDC) ☐ Fixtures by others (Must be 24 VDC)

Hall lanterns: ☐ 24 VAC ☐ 120 VAC ☐ 24 VDC ☐ CE Micro com Audible signal: ☐ Chime ☐ Gong

☐ Lobby only ☐ This car up

Hall position indicator: ☐ 24 VAC ☐ 120 VAC ☐ 24 VDC ☐ Digital-Binary ☐ Multilight ☐ DL-20**

☐ CE Micro com ☐ Emotive ☐ GIOTTO ☐ Alternate floor markings (Specify on page 4)

Total number of hall PIs: _____

Hall calls: ☐ Hall call lockout (Configure floor) ☐ Floor lockout (Hall + Car call lockout controlled together) (Configure floor)

Via: ☐ Switch(es) in hall/lobby station ☐ Card reader

Activation: ☐ Always locked ☐ Switch in hall ☐ Lift Net/Galileo

Overrides: ☐ Switch(es) in COP ☐ Switch(es) in hall/lobby station ☐ Card reader

Optional security: ☐ Hugs (patient abduction/wandering) (Configure floor) ☐ Tugs (Robotics product delivery) Note: For floor mask security, provide specs or contact GAL.

OPTIONAL FEATURES

Operations: ☐ Attendant operation ☐ Attendant annunciator lights ☐ Car switch operation ☐ Taxi service

☐ In car inspection ☐ Inconspicuous riser:* Car No.: _____, Car No.: _____ (2 cars max.) (Configure floor)

☐ Earthquake operation ☐ Dual riser:* Car No.: _____, Car No.: _____ (2 cars max.)

☐ Mass. emergency medical ☐ 2nd riser:* Car No.: _____, Car No.: _____ (2 cars max.)

☐ Code blue* (Configure floor) ☐ 3rd riser:* Car No.: _____, Car No.: _____ (2 cars max.)

☐ VIP/Priority service* (Configure floor) ☐ Sabbath service standard ☐ Sabbath service special _____

☐ UPS power loss electronic brake pick * Specify floors on page 4 Note: All risers supplied with same voltage and style of wiring

Emergency power: ☐ Intergroup # of groups: _____ *This group will run after recall

# of cars per group: _____1st*, _____2nd, _____3rd, _____4th, _____5th

☐ UPS emergency power rescue system Note: Sequencing included with base controller

Inputs: ☐ "S" button (NYC) ☐ High water sensing w/reset ☐ Elevator off switch in COP ☐ Elevator off switch in hall

Outputs: ☐ Fire service complete indicator ☐ In service indicator ☐ Out of service indicator

Handicap buzzer: ☐ Always enable ☐ CC beep ☐ One trip enable with CC beep

Door closing indicator: ☐ Car ☐ Hall Remote governor set/reset: ☐ 120 VAC ☐ 24 VDC

Remote fire command: ☐ Devices: _____

Emerg pwr select, Alternate Ph1. Outputs: Digital PI-CE, Door open, Ph1, Normal pwr, Elev emerg pwr, Emerg pwr recall, Emerg pwr car select, In service. Other devices please advice or send signal fixtures drawings.

MONITORING

Galileo: ☐ Machine room monitor ☐ Lobby monitor JRT monintoring: ☐

Lift Net: ☐ Complete system ☐ Interface only Cloud monitoring: ☐

CONTROLLER CABINET SELECTION

Enclosure requirements: ☐ 1 ☐ 12 ☐ 4X** ☐ Dual fans ☐ Air conditioned enclosure ("A" size cabinet only)

☐ Machine room access or space limitations: Please specify space available below.

_____

DOOR EQUIPMENT

Door operation:

Automatic:	☐ Front	☐ Rear	Front door operator voltage (STD 230 VAC):	☐ 115 VAC		
Automatic w/swing door:	☐ Front	☐ Rear	Rear door operator voltage (STD 230 VAC):	☐ 115 VAC		
Power gate w/swing door:	☐ Front	☐ Rear	Heavy door @ _____ floor marking	☐ Front	☐ Rear	
Manual:	☐ Front	☐ Rear	Narrow door** @ _____ floor marking	☐ Front	☐ Rear	
Power freight:	☐ Front	☐ Rear				

Door operator:

MOVFR	☐ Front	☐ Rear	MOVFR CAN bus	☐ Front	☐ Rear	MOD	☐ Front	☐ Rear
MOVFE	☐ Front	☐ Rear	MOVFE CAN bus	☐ Front	☐ Rear	MONXT**	☐ Front	☐ Rear
ECI/MAC	☐ Front	☐ Rear	Otis 6970*	☐ Front	☐ Rear	MONXT CAN bus**	☐ Front	☐ Rear
HDLM*	☐ Front	☐ Rear	Otis AT-400*	☐ Front	☐ Rear	Dover HD-91*	☐ Front	☐ Rear
Smart tech*	☐ Front	☐ Rear	Dover encore*	☐ Front	☐ Rear			
Power freight: Peelle*	☐ Front	☐ Rear	Courion iLearn*	☐ Front	☐ Rear	EMS*	☐ Front	☐ Rear
Other*_____	☐ Front	☐ Rear	Courion MP*	☐ Front				

*Note:Consult factory/provide operator wiring diagram.

Edge detector: With GAL operator: ☐ Front ☐ Rear By Others: ☐ Front ☐ Rear

Retiring cam: Mechanical: ☐ Front ☐ Rear Electrical: ☐ Front ☐ Rear Volts: _____ ☐ AC ☐ DC

☐ w/ GAL operator ☐ By others Amps: _____ Phase: _____

Reset

Controller Type: ☒ GIV ☐ GIII

ADDITIONAL EQUIPMENT

☐ Car top inspection (Additional stand alone unit if required) ☐ Spare set of Galaxy controller boards

Mechanical iimit switches: ☐ All switches ☐ Finals ☐ Brackets ☐ Cams

Magnetic limit switches: ☐ Switches (Finals must be mechanical)

Load weighing: ☐ Micelect Rope diameter: ☐ 3/8" (10mm) ☐ 1/2" (13mm) ☐ 5/8" (19mm) Number of ropes: _____

☐ K-Tech

Interface only: ☐ Dry contacts ☐ Other LW type: _____

Wiring package: ☐ Traveling cable: _____ Feet ☐ 20' top of car wiring harnesses

☐ Universal bale mesh ☐ Single weave split rod grip ☐ Steel core hanging device

EXISTING EQUIPMENT OVERLAY

☐ Cross-Cancellation ☐ Cross-Assignment Note: Provide existing dispatch controller wiring diagram

NOTES:

Reset

Controller Type: ☒ GIV ☐ GIII

Access Switch	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
Top																
Bottom																

Floor Information				Floor Openings																Car Security																Group Security								IR		Code Blue		VIP	
Floor Nbr.	Floor Label	Alt. floor Label	Floor Height																																	Hall		Floor		Car		Hugs							
Overhead				F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R
Pit																																																	
Total height																																																	