



# Engineering Data Form: AC Traction

6711 Power Inn Rd., Suite B, Sacramento, CA 95828

(916) 957-5900 | sales@alphaelevatorcontrol.com

*Access the customer portal to view job tracking and documentation.*

www.alphaelevatorcontrol.com

**Failure to provide accurate and complete information may result in delayed shipment and may incur additional charges.****If a section is left incomplete or blank it will be presumed to not apply or the default option will be selected.**

## JOB INFORMATION

JOB NAME: \_\_\_\_\_ PO #: \_\_\_\_\_

JOB ADDRESS: \_\_\_\_\_

Street City State Zip

MARKET: Government Education Health Care Hospitality  
Corporate Commercial Residential Other: \_\_\_\_\_

CONSULTANT: \_\_\_\_\_ SPECIFICATION PROVIDED: Yes No (default)

## PURCHASER INFORMATION

COMPANY: \_\_\_\_\_ ALT. CONTACT: \_\_\_\_\_

CONTACT: \_\_\_\_\_ TITLE: \_\_\_\_\_

TITLE: \_\_\_\_\_ PHONE #: \_\_\_\_\_

PHONE #: \_\_\_\_\_ CELL #: \_\_\_\_\_

CELL #: \_\_\_\_\_ EMAIL: \_\_\_\_\_

EMAIL: \_\_\_\_\_

## INSTALLATION COMPANY (only applicable if different than purchaser)

COMPANY: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTACT: \_\_\_\_\_ EMAIL: \_\_\_\_\_

## SHIPPING INFORMATION

### SHIPPING ADDRESS:

### BILLING ADDRESS:

Terminal Pickup Billing same as Shipping Address

SHIP CONTACT: \_\_\_\_\_ Alpha Call Prior to Shipping: Yes No (default)

PHONE #: \_\_\_\_\_ Carrier Call for Delivery Appt.: Yes No (default)

EMAIL: \_\_\_\_\_ Lift Gate Required: Yes No (default)

**FREIGHT TERMS**

Use Alpha Carrier: Yes (default) No

Will Call

\*All will call items must be picked up within seven business days\*

Customer Carrier Name: \_\_\_\_\_

Account Number: \_\_\_\_\_

Collect Third-Party

Third-Party Billing (Duties & Taxes)

## SHIPPING SCHEDULE AND LABELS

CAR LABEL(S): \_\_\_\_\_

DESIRED SHIP DATE(S): \_\_\_\_\_

## PRE-WIRE FIXTURE INFORMATION (All fixtures must be 24 VDC)

COP Pre-wired by Fixture Manufacturer: Yes No (default)

Hall Stations Pre-wired by Fixture Manufacturer: Yes No (default)

### FIXTURE MANUFACTURER:

Innovation Dupar SEES  
MAD Dupar ERM Unitec  
Monitor EC&S A&A  
PTL ECC EEVI  
American Crescent EPCO Other

'Other' Manufacturer Name: \_\_\_\_\_

**Traction controller supports up to an 8 car group, all fixture signals must be 24 VDC.**

**Standard Features Provided:** VVVF Drive - Absolute positioning landing system - DBR - Independent service -  
Enclosure ventilation & light - Interface to position indicators - Hoistway access

**Controller Cabinet(s):**

|                                                    |                                                           |
|----------------------------------------------------|-----------------------------------------------------------|
| Machine Room Enclosure-Medium: 34"W x 44"H x 15"D  | In Door Jamb MRL Enclosure (1 of 2): 24"W x 60"H x 3.75"D |
| Machine Room Enclosure-Large: 36"W x 55"H x 16"D   | In Wall MRL Enclosure (1 of 2): 17"W x 50"H x 6"D         |
| Machine Room Enclosure-X-Large: 36"W x 72"H x 16"D | In Overhead MRL Enclosure (2 of 2): 30"W x 35"H x 15"D    |
| Group & Cartop enclosure: 18"W x 12"H x 6"D        | In Wall MRL Enclosure (1 of 1): 27"W x 78"H x 11"D        |

**Pre-wired Inspection Station:** Standard option is mounted and wired to the cartop enclosure. Please select horizontal if there is limited overhead. Inspection station is also offered not pre-wired to the cartop enclosure. (18"W x 21.25"H x 6"D)

CAR LABEL(S):  
MAIN LINE (VAC/60Hz):  
3 Phase (default) 1 Phase  
SIMPLEX (S) -or- GROUP (G):

CONTRACT SPEED (FPM):  
CAPACITY (Lbs):  
SWING CAR:

|        |      |      |      |                                                   |
|--------|------|------|------|---------------------------------------------------|
| 2022   | 2016 | 2010 | 2004 | NYC (Appendix K)<br>No fire service<br>CA Group 4 |
| 2019   | 2013 | 2007 | 2000 |                                                   |
| Other: |      |      |      |                                                   |

Gearless (GD) -or- Gearless (GLS):  
Overhead (OH) -or- Basement (B):  
Machine Room-Less (MRL):  
Gov. Reset Coil Volts (if MRL):

\*Governor reset coil must be 120 VAC or 24 VDC if present\*

Motor Volts:  
HP:  
FLA:  
Peak Amps:  
RPM:  
Frequency (Hz):  
# of Poles:  
Encoder PPR:  
Sheave Diameter (in.):  
Gear Ratio:  
New Geared Motor from Alpha:

\*Must complete additional motor survey form if Alpha is to provide motor\*

**Machine Manufacturer & Model:****Drive Preference**

\*Alpha has standardized on providing KEB Drives Only\*  
Regenerative Drive (energy back to bldg.)

**Filters**

Not Required

**Main Brake****Emergency Brake (Secondary)**

Not Required

**ENCLOSURE & ENVIRONMENTAL OPTIONS**\*Standard enclosure rating is **NEMA 1**; all machine room controller enclosures include a **light and fan**.\***NON-STANDARD NEMA RATING****STANDARD: NEMA 1**

|                      |                 |         |        |         |              |
|----------------------|-----------------|---------|--------|---------|--------------|
| Machine Room Rating: | NEMA 1(Default) | NEMA 12 | NEMA 4 | NEMA 4X | Other: _____ |
| Hoistway Rating:     | NEMA 1(Default) | NEMA 12 | NEMA 4 | NEMA 4X | Other: _____ |

**ENCLOSURE ACCESSORIES**

|      |                  |             |           |                           |
|------|------------------|-------------|-----------|---------------------------|
| GFCI | Air Conditioning | Legs - 24"H | Arc Flash | Lift-off Door             |
|      |                  |             |           | *Standard door is hinged* |

**CONTROLLER LAYOUT** (Enclosure and UI board Locations)

|                           |                |                 |
|---------------------------|----------------|-----------------|
| MR, CT, and COP (Default) | MR and CT Only | MR and COP Only |
|---------------------------|----------------|-----------------|

**MRL LAYOUT Options** (if applicable)

|                                              |                            |                                 |
|----------------------------------------------|----------------------------|---------------------------------|
| In Wall MRL (all in 1 Enclosure, 57 FLA Max) | In Wall MRL (2 Enclosures) | In Door Jamb MRL (2 Enclosures) |
|----------------------------------------------|----------------------------|---------------------------------|

**NOTES REGARDING ENVIRONMENT OR LAYOUT:****FIXTURE INFORMATION** (All fixtures must be 24 VDC)**IN CAR POSITION INDICATOR**

Not Required

**IN CAR ARRIVAL LANTERN**

Not Required

\*Discrete lanterns always shown on prints\*

**IN CAR PASSING CHIME**

Not Required

**CAR OPERATING PANEL (COP)**

|                  |              |
|------------------|--------------|
| Single (Default) | Other: _____ |
| Dual             |              |

**CAR CALL SECURITY**

Not Required

**IN HALL POSITION INDICATOR**

Not Required

**IN HALL ARRIVAL LANTERN**

Not Required

**LOBBY PANEL LAMPS** (24 VDC required)

Not Required

**HALL CALL SECURITY**

Not Required

**OPERATION**

Selective Collective (default)

\*Up and down hall call buttons  
w/ multiple calls latching\*

Non-Selective, Collective

\*Single hall call buttons w/ multiple calls latching\*

Non-Selective, Non-Collective

\*Single hall call buttons answering 1 call at time\*

\*Controller supports CE Micro Comm and DL-20 voice annunciator\*

**OPERATIONS & I/O****PRE-WIRED INSPECTION STATION** (Standard Inspection Station includes a drop light)

Not Required

**Hoistway Switch Kit** (Mech. limits & mounting)

Not Required

**ATTENDANT SERVICE (not independent service)**

Not Required

**SABBATH**

Not Required

**MEDICAL OPERATIONS (identify floors on page 4)**

Not Required

**CABLING (Provide desired lengths in feet per car)**

Not Required

**Main Line Transformer**

Not Required

**Miscellaneous Add-Ons**

Not Required

**EMERGENCY POWER**

Not Required

**MONITORING**

Not Required

**HALL DOOR TYPE**

FRONT: Auto passenger

Powered freight

Manual (hall doors do not open when car doors open)

Rear: Auto passenger

Powered freight

Manual (hall doors do not open when car doors open)

**CAR DOOR TYPE**

FRONT: Auto passenger

Powered freight

Manual

REAR: Auto passenger

Powered freight

Manual

**PASSENGER DOOR OPERATOR**

MOVFR/MOVFE (230V)

MAC 104/105 Interface

Other:

Wittur MIDI/Supra

Glide A

\*Wiring diagrams for 'Other' door operators may be required\*

Fermator

**FREIGHT DOOR OPERATOR**

Courion - MP

Peelle - wired (PLC)

Freight door model:

EMS - Eclips

Peelle - wireless

\*Wiring diagrams for freight door operators are required\*

**DOOR PROTECTION**

Not Required

**DOOR HOLD BUTTON**

Not Required

**HALL LOCK CAM (info required with manual hall door)**

Not Required

\*This tells us that a full CAT-5 package is required and what length the CAT-5 cable between the controller and hoistway needs to be\*

|     | Floor Labels   | Floor Height (ft.) | Floor Openings |   |   |   |   |   |   |   |   |   | Car Call Security |   |   |   |   |   |   |   |   |   | Hall Call Security |   |   |   |   |   |   |   |   |   | Hosp |   | IR |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|----------------|--------------------|----------------|---|---|---|---|---|---|---|---|---|-------------------|---|---|---|---|---|---|---|---|---|--------------------|---|---|---|---|---|---|---|---|---|------|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|     |                |                    |                |   |   |   |   |   |   |   |   |   |                   |   |   |   |   |   |   |   |   |   |                    |   |   |   |   |   |   |   |   |   |      |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| M/A | Overhead(ft.)> |                    | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 |

|                     |  |
|---------------------|--|
| M - Main Fire Floor |  |
| A - Alt. Fire Floor |  |

All Walk-Through  
All Front Opening

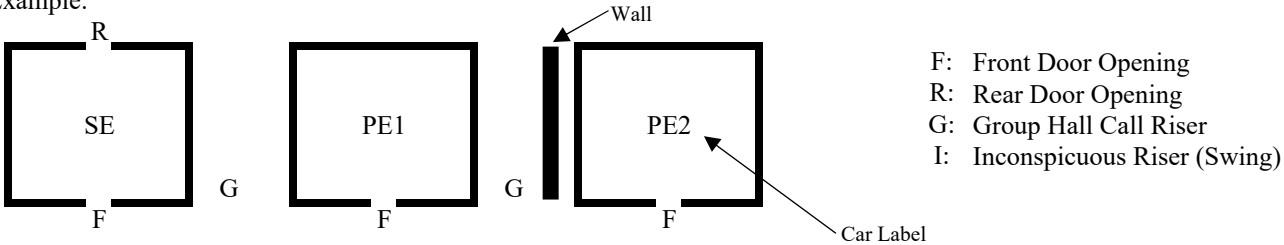
Number of Openings:  
Total # of Risers:  
\*Riser refers to the # of hall button fixtures per opening\*

Total Hoistway Ht. (Pit + Travel + OH)

|      |  |               |
|------|--|---------------|
| Car1 |  | <b>Notes:</b> |
| Car2 |  |               |
| Car3 |  |               |
| Car4 |  |               |
| Car5 |  |               |
| Car6 |  |               |

**Please use the grid below to draw and identify each elevator by its' car label. Indicate the location of the hall call pushbutton riser, door openings and walls as shown in the example below.**

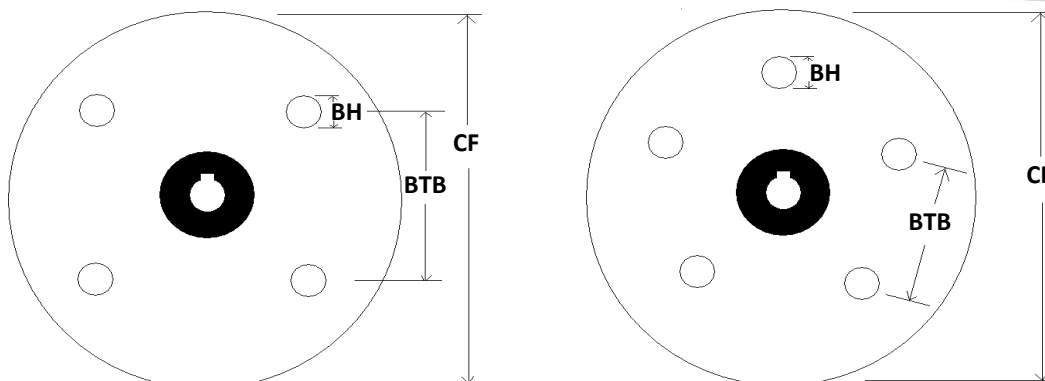
Example:



Hoistway Layout:

# Coupling Survey

(Must be filled out if Alpha is providing a new motor)



Job Name: \_\_\_\_\_

Machine Type & Style: \_\_\_\_\_

Dimensions:

Coupling Flange

Diameter

CF=

Number of Mounting

Bolts

Bolt Size

Bolt Hole Diameter

BH=

Center Bolt to

Center Bolt

BTB=

Machine Location:

☐ Over Head

☐ Basement

☐ Side Mount

Car Speed

Car Capacity

Motor HP

Motor Voltage

Motor Amps

Type (AC/DC  
Shunt/Compound)

Motor MFG

Motor RPM

Frame

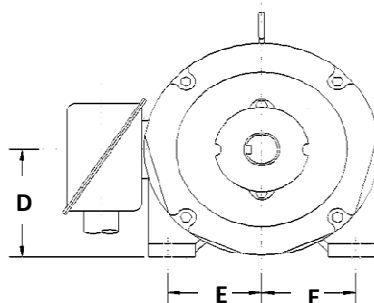
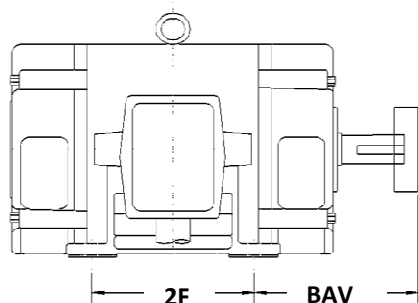
Serial Number

Existing

New

| Existing | New                           |
|----------|-------------------------------|
|          |                               |
|          |                               |
|          | Motor Manufacturer To Confirm |
|          |                               |
|          | Motor Manufacturer To Confirm |
|          |                               |
|          |                               |
|          | Motor Manufacturer To Confirm |
|          | Motor Manufacturer To Confirm |

## Mounting Plates Survey



|       | Existing | New                           |
|-------|----------|-------------------------------|
| (BAV) |          | Motor Manufacturer To Confirm |
| (D)   |          | Motor Manufacturer To Confirm |
| 2*(E) |          | Motor Manufacturer To Confirm |
| (2F)  |          | Motor Manufacturer To Confirm |