

**MCE TO COMPLETE THIS INFORMATION**

|                    |  |                |  |
|--------------------|--|----------------|--|
| Drawing Number:    |  | Engineer Name: |  |
| Installation Date: |  | Delivery Date: |  |
| Comments: _____    |  |                |  |
| _____              |  |                |  |

**CUSTOMER INFORMATION**

|                    |                  |
|--------------------|------------------|
| Customer Name:     | Job Name:        |
| Customer Address:  |                  |
| Contact Name:      | Contact Title:   |
| Telephone: +( )    | FAX: +( )        |
| Email Address:     | Cell Phone: +( ) |
| Contact Signature: | Date Signed:     |

**JOB INFORMATION**

|  |   |
|--|---|
| Car Type: <input type="checkbox"/> Passenger <input type="checkbox"/> Freight  | Application: <input type="checkbox"/> New Construction <input type="checkbox"/> Modernization   |
| Machine/Motor Quantity Required: No. (If configurations are different, complete separate forms for each machine or motor)                        |   |
| Number of Floors:  | Machine/Motor location: <input type="checkbox"/> Machine Room <input type="checkbox"/> Top of hoistway <input type="checkbox"/> Bottom of hoistway  |
| Main Supply: <input type="checkbox"/> 3-Phase VAC / Hz   | Please provide: Job Specifications and Architectural and Structural Drawings  |
| ASME A17.1 compliance: <input type="checkbox"/> 1993 <input type="checkbox"/> 1996 <input type="checkbox"/> 2000 <input type="checkbox"/> 2004/5 | Seismic Zone: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4<br>If 2 or greater, must all code requirements be met (including seismic fishplates)? <input type="checkbox"/> Yes <input type="checkbox"/> No |

**LOAD DATA**

|  |   |
|--|---|
| Rated live load/car capacity: lbs / kg                                     | Empty car weight (crosshead label): lbs / kg  |
| Total suspended weight: lbs / kg   | Counterweight percentage: <input type="checkbox"/> 40% <input type="checkbox"/> Other:  |
| Compensation <input type="checkbox"/> (Compensation is assumed to be 100%) |   |
| Load Classification  | <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C1 <input type="checkbox"/> C2 <input type="checkbox"/> C3 <input type="checkbox"/> Other – Specify: _____ |

**EXISTING EQUIPMENT DATA (IF MODERNIZATION)**

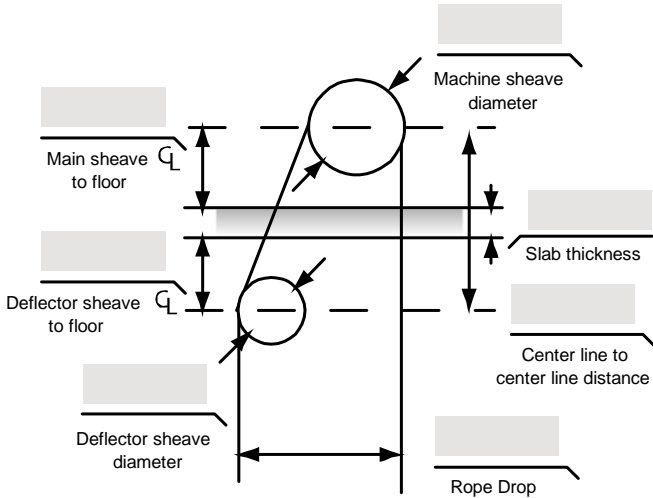
|                                  |  |        |   |
|----------------------------------|--|--------|---|
| Existing Lift:                   | Brand:   | Type:  | Install Date:   |
| Number of cables:                | Cable diameter: <input type="checkbox"/> 1/2 in <input type="checkbox"/> 5/8 in <input type="checkbox"/> Other     |        |   |
| Car speed: _____ FPM / _____ m/s | Pitch: _____ (center-to-center sheave groove dimension)  |        |   |
| Hand of Sheave                   | When standing at the motor end, the sheave is on the: <input type="checkbox"/> Right <input type="checkbox"/> Left | Roping | <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1 |

**NOTE: HOISTWAY AND MACHINE ROOM LAYOUT DRAWINGS**

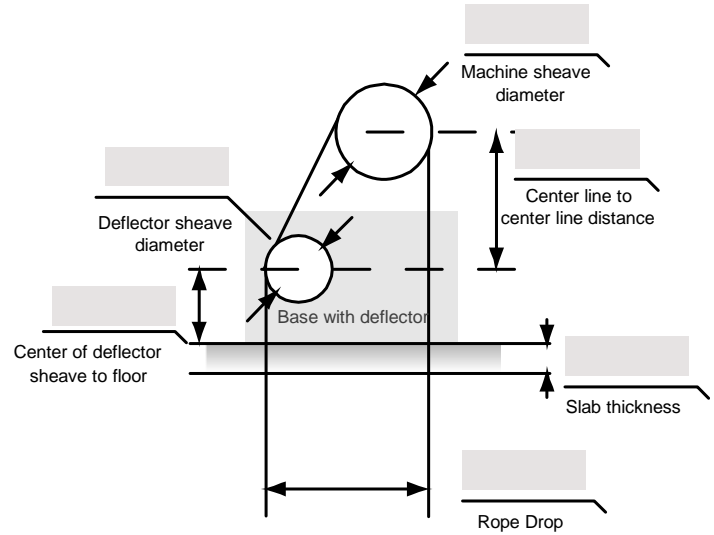
This survey form provides the most common layout drawing. Other layout drawings are available from MCE upon request.

I would like a representative to contact me about additional drawings.

**EXISTING SHEAVE AND DEFLECTOR INFORMATION**

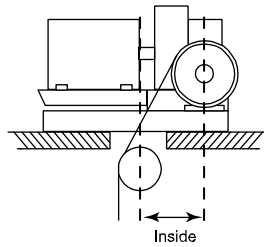


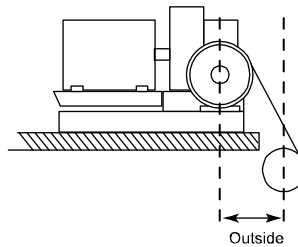
A. Deflector in hoistway



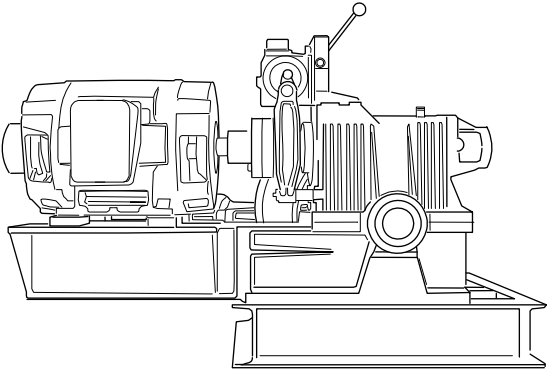
B. Deflector in sub base

Indicate Deflector vs. Main Sheave Position  
 (drawings represent both left and right hand machines)





**MACHINE INFORMATION**

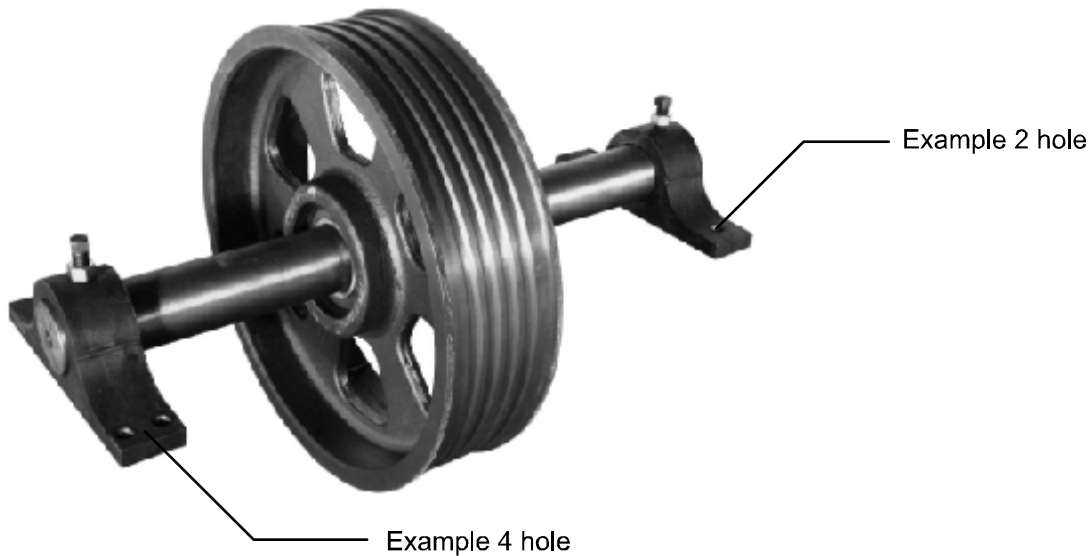
|  | STANDARD EQUIPMENT   | AVAILABLE ACCESSORIES                                    |
|---|--|--|
|   | Imperial motor, sized per job  | <input type="checkbox"/> Rope guard                      |
|   | 94MB gear unit   | <input type="checkbox"/> Machine sheave guard            |
|   | Fabricated steel sub base  | <input type="checkbox"/> Machine isolation pad           |
|   | Brake assembly   | <input type="checkbox"/> Rope brake                      |
|   | Brake release micro switch   | <input type="checkbox"/> Governor                        |
|   | Field replaceable sheave   | <input type="checkbox"/> Compensation chains             |
|   | 1024 ppr incremental encoder   | <input type="checkbox"/> Hoist ropes                     |
|   | Factory filled synthetic lubricant   | <input type="checkbox"/> Anti-sway devices (cable/chain) |
|   | 7-groove sheave  | <input type="checkbox"/> Pull out detection switches     |
| V-groove (40°) w/undercut (90°)   | <input type="checkbox"/> Grips, support brackets, U-bolts, and couplings (See Comp Cabl pg)<br><input type="checkbox"/> Deflector Sheave (See below) |  |

**OPTIONAL DEFLECTOR SHEAVE INFORMATION**

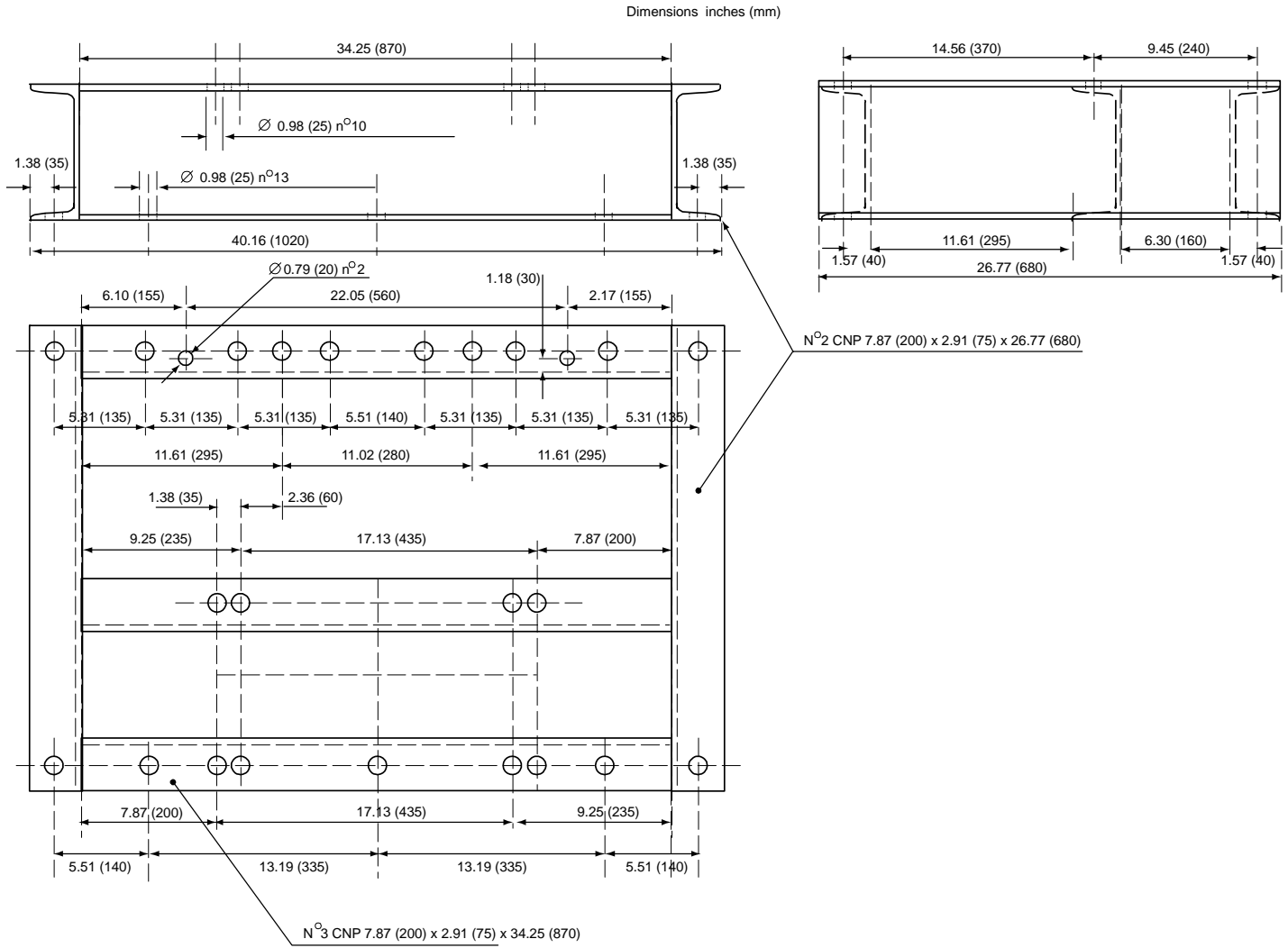
Existing Pillow Block  2-hole  4-hole (see illustration)

Existing deflector sheave shaft length: \_\_\_\_\_

Distance from one end of shaft to center of sheave: \_\_\_\_\_



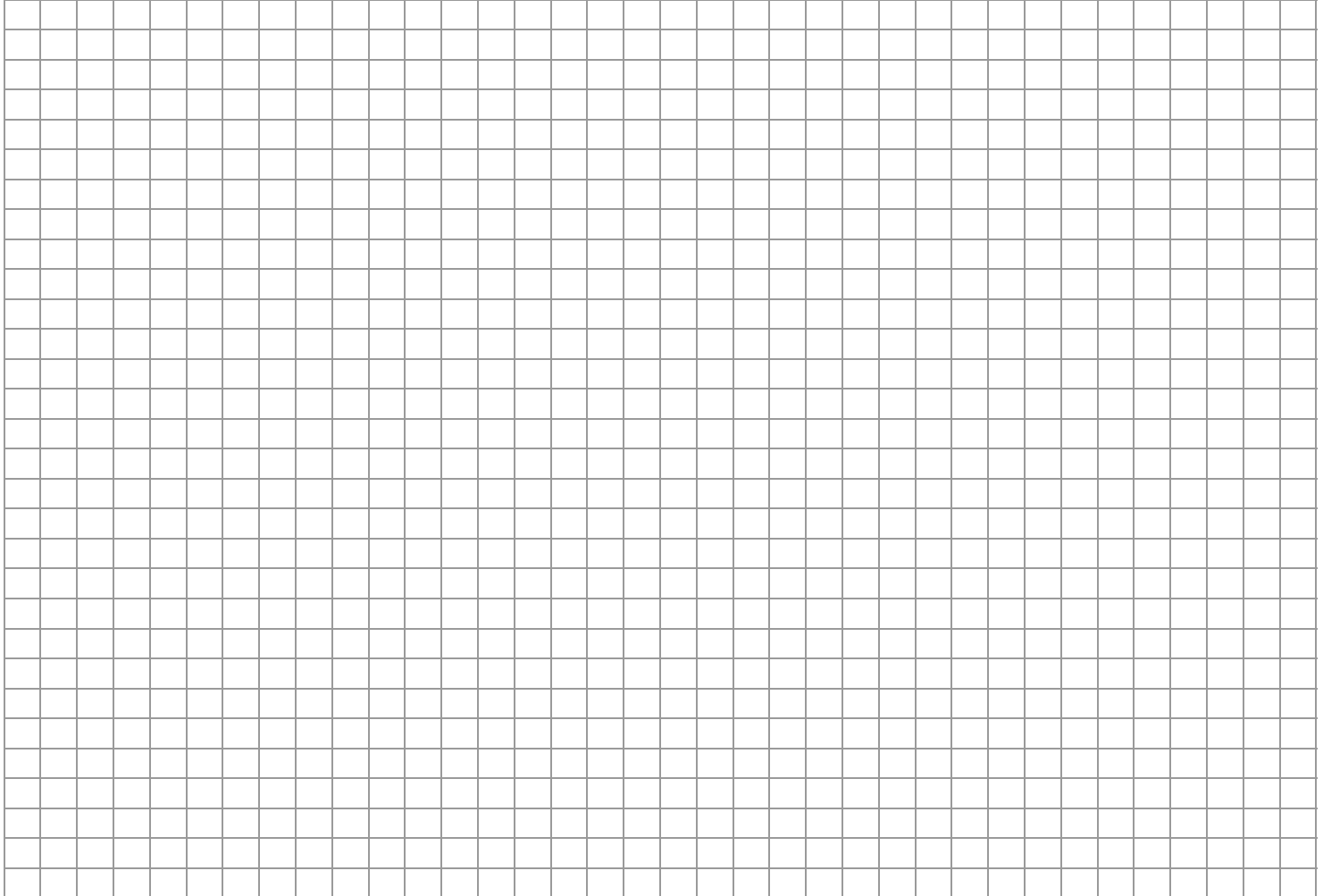
**MACHINE SUB BASE A DIMENSIONS (LH SHOWN)**





## **CUSTOMER PROVIDED INFORMATION**

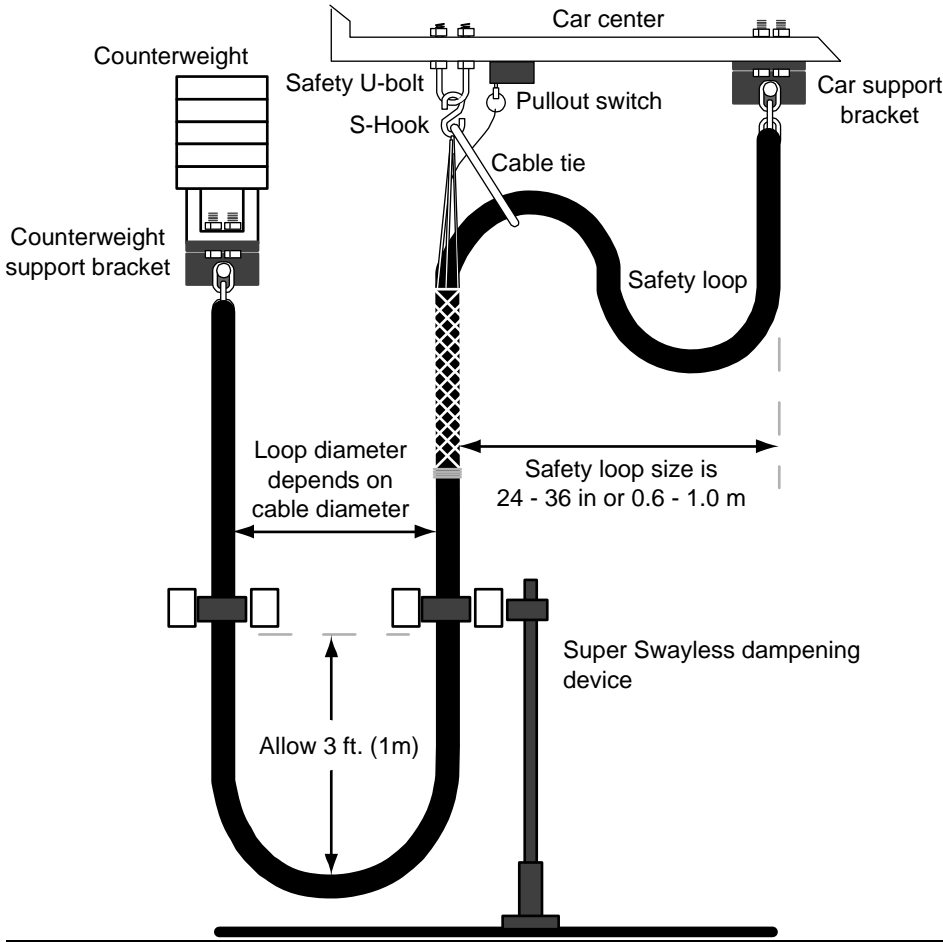
Please provide a sketch and measurements for the machine room area within a 15-foot radius of the machine location, and/or other information you think relates to machine installation:



Text:



**COMPENSATING CABLE/ACCESSORIES**



**COMPENSATING CABLE ACCESSORIES**

|  |  |
|--|--|
| <input type="checkbox"/> Stainless Steel Mesh Grips Qty: | <input type="checkbox"/> Support Brackets (2 required minimum) Qty:  |
| <input type="checkbox"/> Steel U-bolts Qty:              | <input type="checkbox"/> Steel S-hooks Qty:  |
| <input type="checkbox"/> Couplings Qty:                  | <input type="checkbox"/> Super Swayless Dampeners Qty:   |
| <input type="checkbox"/> Pullout switch kit Qty:         | <input type="checkbox"/> Floor Mount Brackets (2 minimum) Qty:   |
|  | <input type="checkbox"/> Counterweight Mount bracket   |
|  | <input type="checkbox"/> Counterweight Rail Mount (w/ 2 s/swayless dampeners)  |
|  | <input type="checkbox"/> Cable stripping service Number links: <input type="checkbox"/> 1.5 <input type="checkbox"/> 3.5 |

**CAUTION:**

**Elevator compensating cable and/or rope installation hardware qualities are specified by code. Hardware that does not meet these standards will void the cable/rope/peripherals manufacturer warranty.**