

OVERHEAD MACHINES

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____

JOB NAME: _____

COMPANY: _____

ELEV. #: _____ H-W #: _____

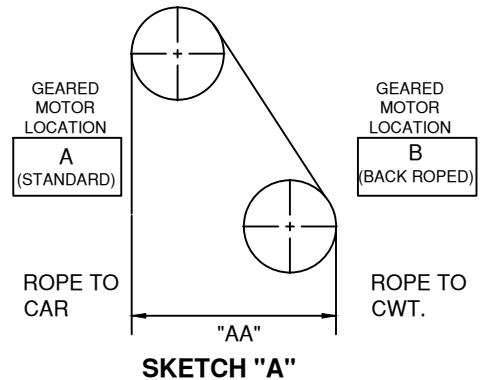
EMAIL: _____

PHONE: _____

OVERHEAD APPLICATION - GENERAL INFORMATION

THE FOLLOWING MUST BE FILLED OUT FOR RFQ AND FINAL MOTOR DATA

- ☐ MACHINE TYPE: ☐ GEARED ☐ GEARLESS ☐ MRL
☐ CAPACITY: _____
☐ CAR SPEED: _____
☐ EMPTY CAR WEIGHT: _____
☐ ROPING: ☐ 1:1 ☐ 2:1 ☐ 1:1 DOUBLE WRAP ☐ 2:1 DOUBLE WRAP
☐ TRAVEL: _____
☐ BRAKE PREFERENCE: ☐ DRUM ☐ DISC ☐ PER H-W
☐ BRAKE VOLTAGE (APPLIES ONLY TO LEGACY GEARED MACHINES):
☐ 230V STD ☐ 115V OPTIONAL
☐ TRACTION SHEAVE DIAMETER PREFERENCE: ☐ _____ ☐ BY H-W
☐ HOIST ROPES: QUANTITY _____ SIZE _____ ☐ PER H-W
☐ MOTOR POWER SUPPLY: _____ VOLTAGE
☐ PROVIDE THE CAR TO CWT. ROPE DROP DISTANCE: _____
 (SEE SKETCH "A" - DIM. "AA")
☐ COMPENSATION (Y/N) ADVISE IF OTHER THAN 100% _____
☐ NEW CONTROLLER OR RETAIN EXISTING? ☐ NEW ☐ RETAINED.
☐ EXISTING CONTROLLER MANUFACTURER: _____
☐ ASME A17 CODE COMPLIANCE TO WHICH YEAR REVISION: _____



GENERAL

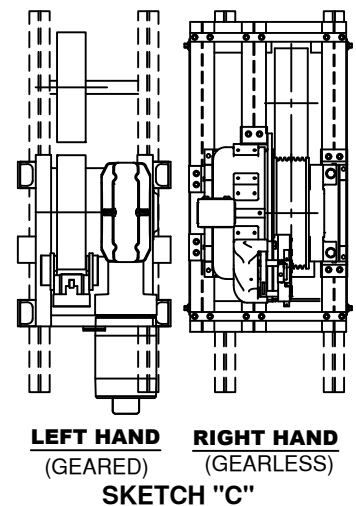
- ☐ PRE 2013 CODE SEISMIC ZONE: ☐ 1 ☐ 2A ☐ 2B ☐ 3 ☐ 4
☐ HAND OF MACHINE: ☐ LEFT ☐ RIGHT (SEE SKETCH "C")
☐ ARE YOU RETAINING AN EXISTING DEFLECTOR SHEAVE: ☐ YES ☐ NO
 IF YES, PROVIDE SHEAVE DIAMETER _____
 PITCH OF HOIST ROPES: _____
 (C.L. TO C.L. OF GROOVES ON FACE OF TRACTION SHEAVE)
 (H-W STANDARD PITCH IS: ROPE DIAMETER + 1/4")

GEARED SPECIFIC

- ☐ SELECT MOTOR LOCATION (SEE SKETCH "A") ☐ A ☐ B
☐ RETAINING EXISTING MOTOR: ☐ YES ☐ NO
 IF RETAINED MOTOR, PROVIDE:
☐ EXISTING MOTOR TYPE: ☐ A/C VVVF ☐ A/C SINGLE SPEED ☐ A/C 2-SPEED ☐ D/C
☐ EXISTING MOTOR HP: _____
☐ EXISTING MOTOR RPM: _____
☐ FOR RETAINED MOTORS, FULLY COMPLETE BULLETIN #1109.
 (MISSING INFORMATION WILL DELAY PROCESS)
☐ FOR NEW MOTORS BY OTHERS (NOT H-W), PROVIDE CERTIFIED OUTLINE
 DIMENSION PRINTS OF MOTOR (INCLUDE FULL LOAD R.P.M.)

GEARLESS SPECIFIC

- ☐ DRIVE MANUFACTURER: ☐ KEB ☐ MAGNETEK ☐ OTHER (CABLE BY CUSTOMER)
☐ IS MANUAL BRAKE RELEASE CABLE REQUIRED? ☐ YES ☐ NO
☐ IF SO, SPECIFY LENGTH (STANDARD IS 8'-0"): _____
☐ (IF USING G.A.L. CONTROL, CONFIRM WITH THEM IF BRAKE RELEASE CABLE IS REQUIRED)
☐ ENCODER CABLE LENGTH (STANDARD IS 20 METER [65.6']): _____



OVERHEAD MACHINES (CONT.)

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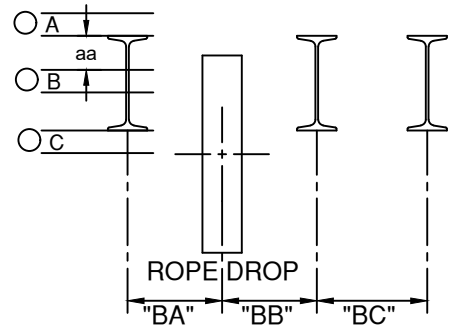
ELEV. #: _____ H-W #: _____

EMAIL: _____

PHONE: _____

MACHINE SUPPORT

- ☐ IS FLOOR A STRUCTURAL SLAB? ☐ YES ☐ NO
- ☐ FLOOR SLAB THICKNESS: _____
- ☐ SLAB TO MACHINE BEAM LOCATION: ☐ A ☐ B ☐ C
IF B, PROVIDE DIM. FROM TOP OF STEEL TO TOP OF SLAB: _____
(SEE SKETCH "B" - DIM. "aa")
- ☐ BEAM / CHANNEL SIZE: _____" HIGH x _____" WIDE
- ☐ BEAM SPACING (SEE SKETCH "B" - DIM. "BA", "BB" & "BC")

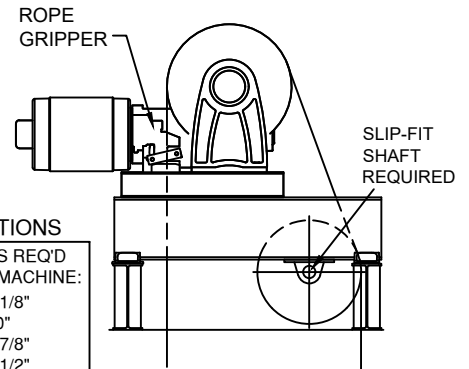
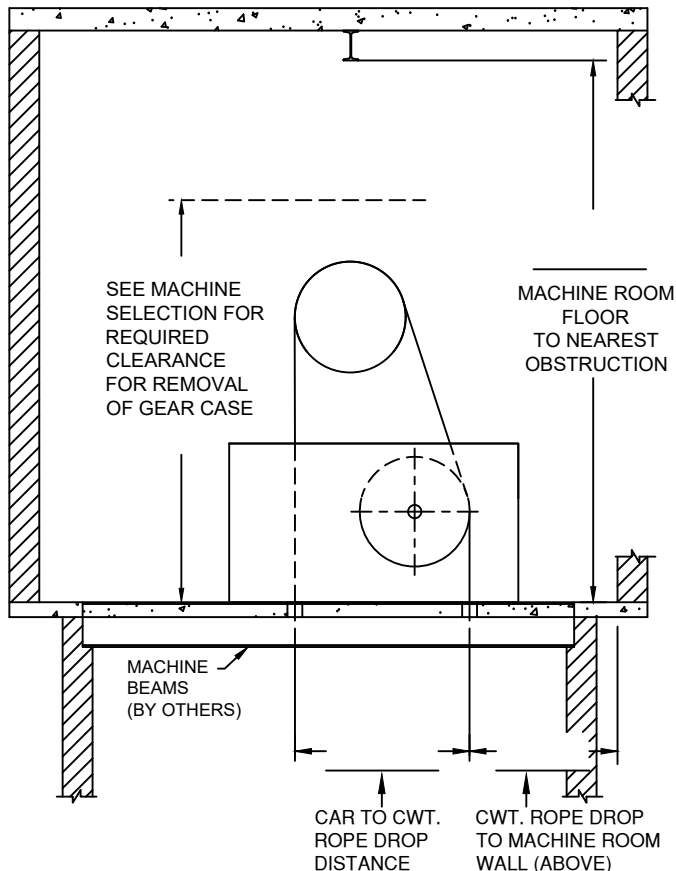


SKETCH "B"

DEFLECTOR SHEAVE

- ☐ DEFLECTOR SHEAVE LOCATION: ☐ AT TOP OF HOISTWAY ☐ IN MACHINE ROOM
(IN MACHINE ROOM FILL OUT BELOW)

BLOCK-UP ASSEMBLY



GEARED OPTIONS

APPROX. HEIGHTS REQ'D FOR SUB-BASE + MACHINE:

GT11	= 6'-4 1/8"
GT31	= 6'-10"
#34	= 6'-3 7/8"
#44	= 6'-5 1/2"
#54	= 7'-0 5/8"
#64	= 8'-0 1/2"
#74	= 9'-2 3/4"

GEARLESS OPTIONS

APPROX. HEIGHTS REQ'D FOR SUB-BASE + MACHINE:

GL171	= 7'-4"
GL130A	= 8'-0"
GL185	= 8'-0"
GL260	= 8'-0"
GLV-40S1	= 6'-8"
GLV-40D1	= 6'-6"
GLV-40D2	= 6'-3"

