GEARED BASEMENT SET MACHINES

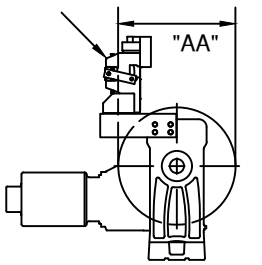
FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

COMPANY: _____ ELEV. #: _____ H-W # : _____

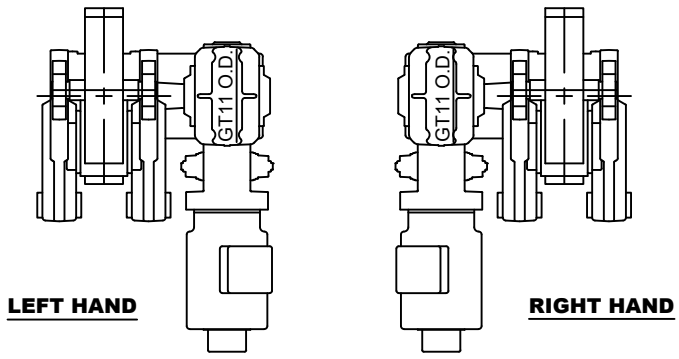
EMAIL: _____ DATE: _____

GEARED MACHINES- BASEMENT APPLICATION

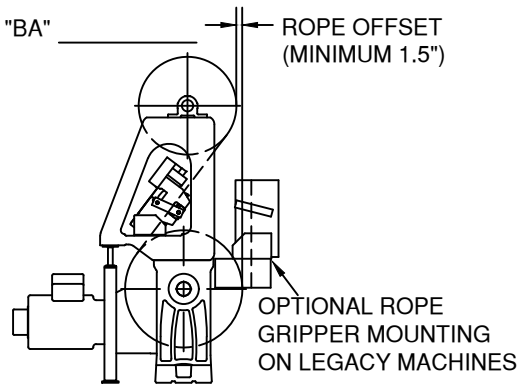


SKETCH "A"
BS MACHINE BASE

- ☐ CAPACITY: _____
- ☐ CAR SPEED: _____
- ☐ EMPTY CAR WEIGHT: _____
- ☐ HAND OF MACHINE: ◯ LEFT ◯ RIGHT (SEE SKETCH "C")
- ☐ ROPING: ◯ 1:1 ◯ 2:1
- ☐ TRAVEL: _____
- ☐ BRAKE: ◯ DRUM ◯ DISC ◯ BY H-W
- ☐ HOIST ROPES: QUANTITY _____ SIZE _____
- ☐ 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")
- ☐ COMPENSATION WEIGHT (IF APPLICABLE) _____
- ☐ NEW CONTROLLER OR RETAIN EXISTING? ◯ NEW ◯ RETAINED. IF RETAINED, PROVIDE:
  - ☐ EXISTING CONTROLLER MANUFACTURER: _____
  - ☐ EXISTING MOTOR TYPE: ◯ A/C VVVF ◯ A/C SINGLE SPEED ◯ A/C 2-SPEED ◯ D/C
  - ☐ EXISTING MOTOR HP: _____ ☐ EXISTING MOTOR RPM: _____
  - ☐ IS H-W TO BUILD TO THESE EXISTING RATINGS? ◯ YES ◯ NO
- ☐ MOTOR POWER SUPPLY: _____ VOLTAGE
- ☐ FOR NEW MOTORS BY OTHERS (NOT H-W), PROVIDE CERTIFIED OUTLINE DIMENSION PRINTS OF MOTOR (INCLUDE FULL LOAD R.P.M.)
- ☐ FOR RETAINED MOTORS WITH NEW CONTROLLERS, FILL IN DIMENSIONS ON ENCLOSED BULLETIN #1109 AND:
  - ☐ EXISTING MOTOR TYPE: ◯ A/C VVVF ◯ A/C SINGLE SPEED ◯ A/C 2-SPEED ◯ D/C
  - ☐ EXISTING MOTOR HP: _____
  - ☐ EXISTING MOTOR RPM: _____
- ☐ ASME A17 CODE COMPLIANCE TO WHICH YEAR REVISION: _____
- ☐ PRE 2013 CODE SEISMIC ZONE: ◯ 1 ◯ 2A ◯ 2B ◯ 3 ◯ 4
- ☐ "BS" MACHINES, TRACTION SHEAVE DIAMETER REQUIRED: _____(SEE SKETCH "A" - DIMENSION "AA")
- ☐ "OD" MACHINES, PROVIDE ROPE OFFSET (SEE SKETCH "B" - DIMENSION "BA").
- ☐ IS ROPE GRIPPER MOUNTING REQUIRED ON THE MACHINE: ◯ YES ◯ NO



SKETCH "C"



SKETCH "B"
OD MACHINE BASE

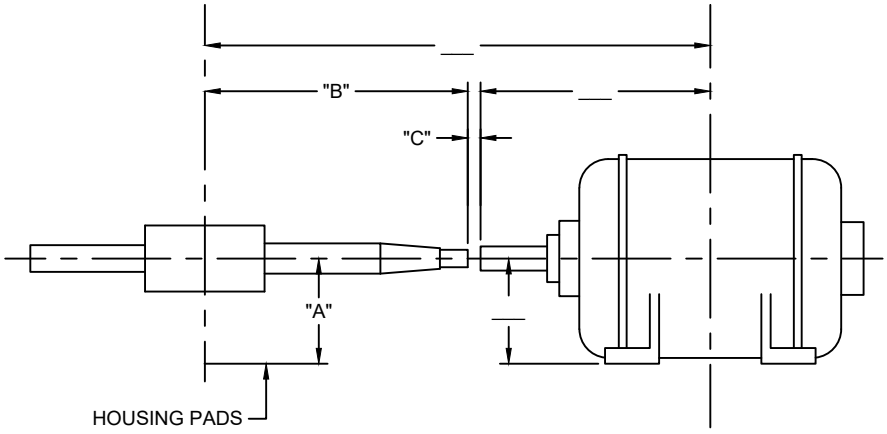
EXISTING MOTOR INFORMATION

FILL OUT SURVEY FORM AS COMPLETE AS POSSIBLE.

ENGINEERING CONTACT: _____ JOB NAME: _____

COMPANY: _____ ELEV. #: _____ H-W # : _____

EMAIL: _____ DATE: _____



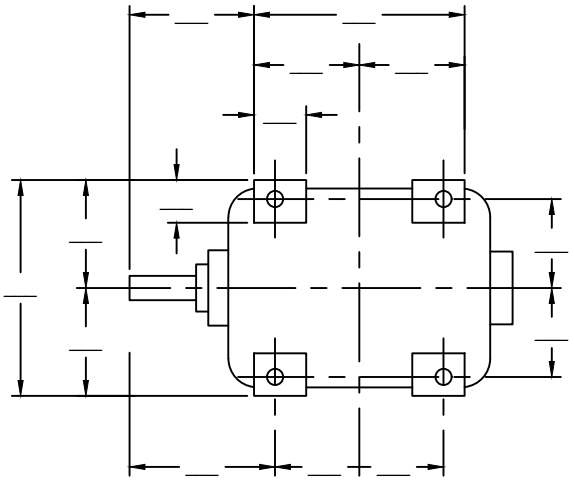
☐ MACHINE NO.: _____

☐ MOTOR FRAME: _____

☐ MOTOR SHAFT DIAMETER: _____ (TO NEAREST THOUSANDTH)

☐ MOTOR SHAFT KEYWAY: _____

☐ MOTOR RPM: _____



MACHINE	"A"	"B"	"C"	B+C
34	7	13 7/16	1/4	13 11/16
43	7 3/4	17 1/8	1/4	17 3/8
44	7 3/4	17 1/8	7/16	17 9/16
53	9 1/2	19 5/16	1/4	19 9/16
54	9 1/2	17 5/8	1/8	17 3/4
63	11 3/8	24 1/8	1/4	24 3/8
64	11 3/8	19 11/16	3/16	19 7/8
74	13			24 3/4