GEARLESS OVERHEAD MACHINES

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

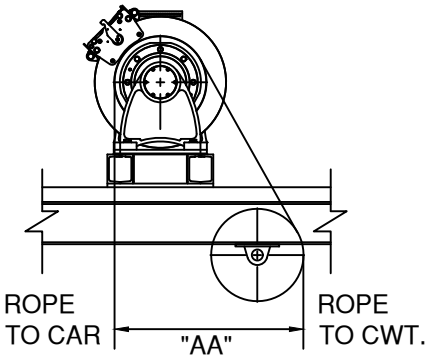
ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____

GEARLESS MACHINES- OVERHEAD APPLICATION

- ☐ CAPACITY: _____
- ☐ CAR SPEED: _____
- ☐ EMPTY CAR WEIGHT: _____
- ☐ ROPING: ◯ 1:1 ◯ 2:1 ◯ 1:1 DOUBLE WRAP ◯ 2:1 DOUBLE WRAP
- ☐ TRAVEL: _____
- ☐ HOIST ROPES: QUANTITY _____ SIZE _____
- ☐ PITCH OF HOIST ROPES (C.L. TO C.L. OF GROOVES ON FACE OF TRACTION SHEAVE): _____
- ☐ IS COMPENSATION BEING USED? ◯ YES ◯ NO
- ☐ ARE YOU RETAINING AN EXISTING DEFLECTOR SHEAVE: ◯ YES DIA. _____ ◯ NO
  - ☐ IF NOT, WHAT DIAMETER TRACTION SHEAVE IS REQUIRED: ☐ 15"DIA. ☐ 20"DIA. ☐ 25"DIA. ☐ BY H-W
- ☐ PROVIDE THE CAR TO CWT. ROPE DROP DISTANCE (SEE SKETCH "A" - DIM "AA"): _____
- ☐ MACHINE POWER SUPPLY: _____ VOLTAGE
- ☐ CONTROLLER MANUFACTURER: _____
- ☐ 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']): _____
- ☐ ASME A17 CODE COMPLIANCE TO WHICH YEAR REVISION: _____
- ☐ PRE 2013 CODE SEISMIC ZONE: ◯ 1 ◯ 2A ◯ 2B ◯ 3 ◯ 4

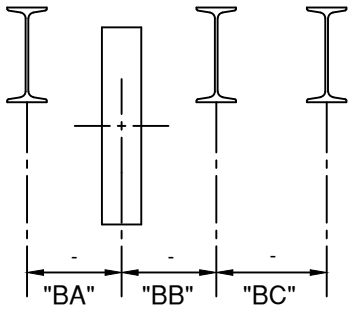


SKETCH "A"

SHEAVES

- ☐ HOIST ROPES: QUANTITY _____ SIZE _____
- ☐ PITCH OF HOIST ROPES: _____
- ☐ BEAM SPACING (SEE SKETCH "B" - DIMENSION "BA", "BB" & "BC")
- ☐ IF DEFLECTOR MOUNTING IN MACHINE ROOM SEE ATTACHED SURVEY E-147-2
- ☐ A NEW DEFLECTOR SHEAVE IS REQUIRED, DIAMETER: _____

SKETCH "B"



MACHINE ISOLATION

- ☐ IS FLOOR SLAB EXISTING? ◯ YES ◯ NO
- ☐ FLOOR SLAB THICKNESS: _____
- ☐ ABOVE THE MACHINE BEAMS ◯ YES ◯ NO
- ☐ BEAM / CHANNEL SIZE: _____" HIGH x _____" WIDE
- ☐ BEAM SPACING (SEE SKETCH "B" - DIMENSION "BA", "BB" & "BC")

GEARLESS MACHINE BLOCK-UP ASSEMBLY

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____

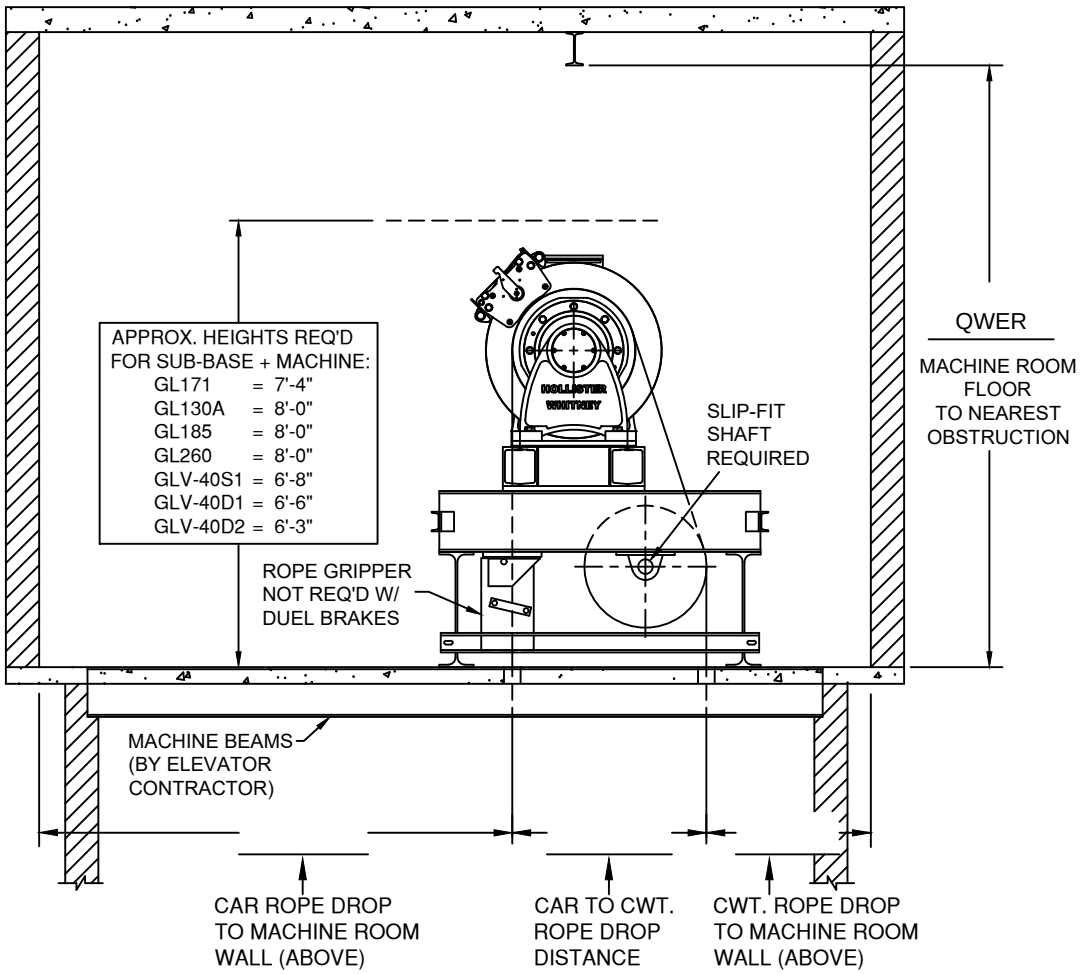
INSTRUCTIONS:

FILL IN OPEN DIMENSIONS IN SKETCH BELOW.

EMPTY CAR WEIGHT: _____

HAND OF BLOCK-UP ASSEMBLY: ◯ LEFT ◯ RIGHT
LEFT HAND - DEFLECTOR TO LEFT OF MACHINE WHEN LOOKING ATTRACTION SHEAVE (OPPOSITE OF BELOW)
RIGHT HAND - DEFLECTOR TO RIGHT OF MACHINE WHEN LOOKING A AT TRACTION SHEAVE (AS SHOWN BELOW)

PROVIDE MACHINE ROOM PLAN SKETCH.
SHOW LOCATION OF CAR AND CWT. RAILS.
PROVIDE MACHINE BEAM SPACING LOCATING CENTERLINE SHEAVE TOCENTERLINE OF MACHINE BEAMS.
MACHINE BEAM SIZE _____HIGH x _____WIDE



SMALL COMPONENTS

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

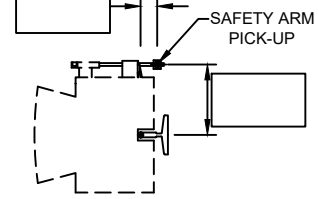
ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____

GENERAL INFORMATION

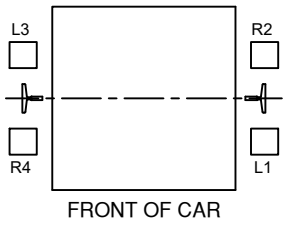
- ☐ EMPTY CAR WEIGHT: _____
- ☐ CAPACITY: _____
- ☐ CAR SPEED: _____
- ☐ RAIL SIZE (IN LBS.): _____
- ☐ NEMA: _____



SKETCH "A"

SAFETIES

- ☐ TYPE: ◯ INSTANTANEOUS ◯ FGC
- ☐ COMPENSATION WEIGHT(IF APPLICABLE): _____
- ☐ DISTANCE BETWEEN GUIDES: (DBG) _____
- ☐ GOVERNOR LOCATION (SHOW ON SKETCH "D")
- ☐ STILE SIZE: _____
- ☐ UNDER BEAM HEIGHT: _____
- ☐ FILL OUT SHOE AND PLATES SECTION IF ADAPTOR PLATES ARE REQUIRED
- ☐ LOCATION OF SAFETY PICK-UP ARM. FILL OUT DIMENSIONS NOTED IN SKETCH "A"



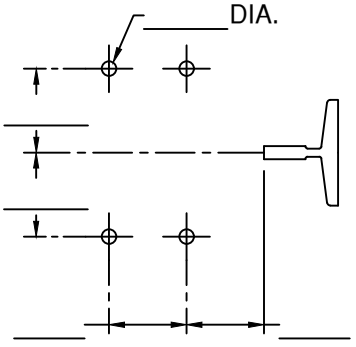
SKETCH "D"

GOVERNORS

- ☐ MOUNTING LOCATION: ◯ STANDARD OVERHEAD MOUNTING ◯ PIT MOUNTED OPTION
- ☐ SHEAVE DIA (ROPE DIA): ◯ 12" (3/8") ◯ 16" (3/8") ◯ 16" (7/16") ◯ 16" (1/2")
- ☐ GOVERNOR PULL-THRU (IN LBS.): _____
- ☐ HAND OR LOCATION (SHOW ON SKETCH "D")
- ☐ LIVE SHAFT DIAMETER: ◯ N/A ◯ 12mm ◯ 0.25" ◯ 0.75" ◯ 1.00"
- ☐ ACCESSORIES: ◯ ENCLOSURE ◯ NEMA SWITCH: _____
  ◯ RESETTABLE (12" ONLY) ◯ MOUNTING PLATE

TENSION WEIGHTS

- ☐ SHEAVE DIA (ROPE DIA): ◯ 12" (3/8") ◯ 16" (3/8") ◯ 16" (7/16") ◯ 16" (1/2")
- ☐ TENSION WEIGHT TYPE: ◯ FRAME ◯ SWING



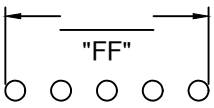
SKETCH "E"

SHOES AND PLATES

- ☐ SHOE TYPE: _____ MANUFACTURER: _____
- ☐ TEMPLATE (FILL IN ALL DIMENSIONS ON SKETCH "E")

ROPE GRIPPERS

- ☐ COMPENSATION WEIGHT (IF APPLICABLE): _____
- ☐ ROPING: ◯ 1:1 ◯ 2:1
- ☐ HOIST ROPES: QUANTITY _____ SIZE_____
- ☐ OUT-TO-OUT OF HOIST ROPES (SEE SKETCH "F" - DIM. "FF"): _____
- ☐ LENGTH OF HYDRAULIC HOSE REQUIRED:
  ◯ STANDARD (27")
  ◯ 4'-0" ◯ 5'-0" ◯ 6'-0" ◯ 8'-0" ◯ CUSTOM (UP TO 30'-0"): _____



SKETCH "F"

BUFFERS & PIT CHANNELS

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____

☐ GENERAL -

☐ SPEED: _____ ☐ CAPACITY: _____ ☐ SLIDING CLIP: ☐ SWITCH: ◯ YES ◯ NO

☐ CAR: PLEASE PROVIDE -

- ☐ D.B.G.: _____
- ☐ RAIL SIZE: _____ (IN LBS.)
- ☐ CAR WEIGHT: _____
- ☐ BUFFER HEIGHT: _____
- ☐ OVERALL HEIGHT: _____
- ☐ DISTANCE BETWEEN BUFFERS: _____

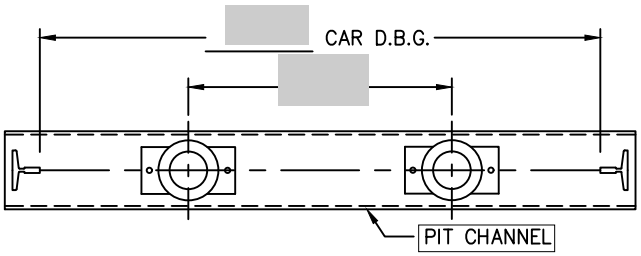
☐ CWT: PLEASE PROVIDE -

- ☐ D.B.G.: _____
- ☐ RAIL SIZE: _____ (IN LBS.)
- ☐ CWT. WEIGHT: _____
- ☐ BUFFER HEIGHT: _____
- ☐ OVERALL HEIGHT: _____

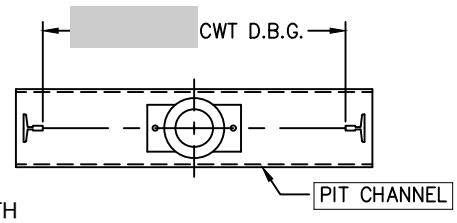
☐ PIT CHANNELS REQUIRED? ◯ CAR ◯ CWT ◯ BOTH

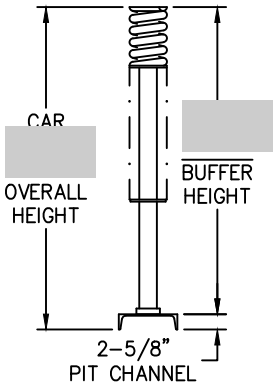
☐ HW PIT CHANNELS NORMALLY MOUNT UNDER THE THE GUIDE RAILS OR **THEY CAN BE CUT SHORT**. ADVISE WHICH OPTION -

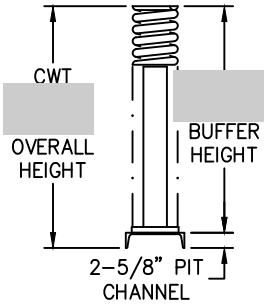
◯ NORMAL UNDER RAIL MOUNTING. ◯ CUT SHORT OF GUIDE RAILS



SPRING BUFFERS







☐ GENERAL -

☐ SPEED: _____ ☐ CAPACITY: _____ ☐ SLIDING CLIP: ☐ SWITCH: ◯ YES ◯ NO

☐ CAR: PLEASE PROVIDE -

- ☐ D.B.G.: _____
- ☐ RAIL SIZE: _____ (IN LBS.)
- ☐ CAR WEIGHT: _____
- ☐ BUFFER HEIGHT: _____
- ☐ OVERALL HEIGHT: _____

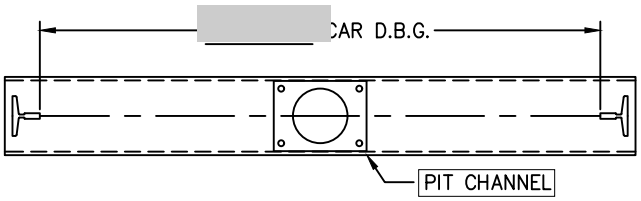
☐ CWT: PLEASE PROVIDE -

- ☐ D.B.G.: _____
- ☐ RAIL SIZE: _____ (IN LBS.)
- ☐ CWT. WEIGHT: _____
- ☐ BUFFER HEIGHT: _____
- ☐ OVERALL HEIGHT: _____

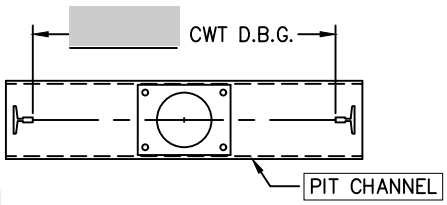
☐ PIT CHANNELS REQUIRED? ◯ CAR ◯ CWT ◯ BOTH

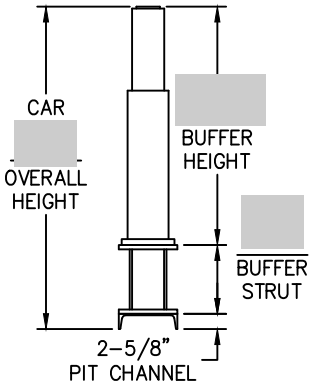
☐ HW PIT CHANNELS NORMALLY MOUNT UNDER THE THE GUIDE RAILS OR **THEY CAN BE CUT SHORT**. ADVISE WHICH OPTION -

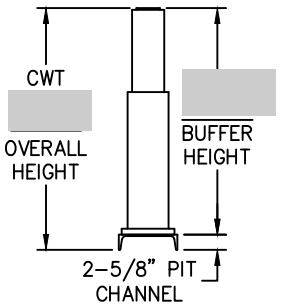
◯ NORMAL UNDER RAIL MOUNTING. ◯ CUT SHORT OF GUIDE RAILS



OIL BUFFERS







FORM: E-112-3

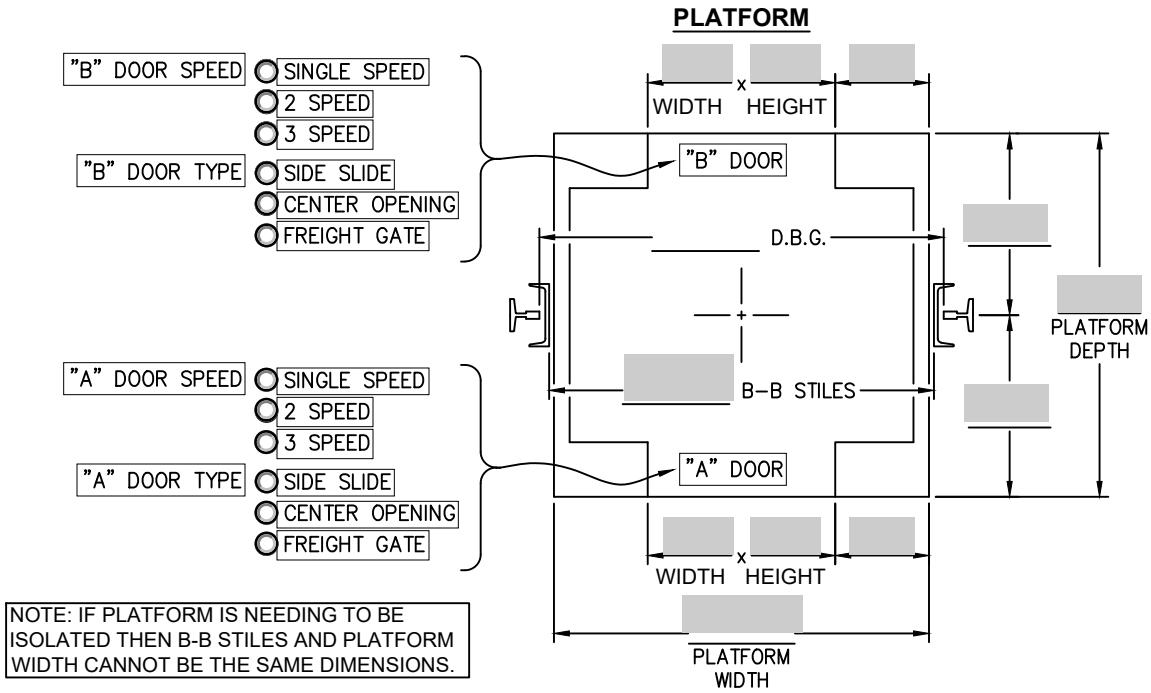
SIDE-POST PLATFORMS

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____



REQUIRE INFORMATION MARKED BELOW:

- ☐ EXISTING TOTAL EMPTY CAR WEIGHT: _____
- ☐ NEW TOTAL CAB + DOOR WEIGHT: _____
- ☐ CAPACITY RATING: _____
- ☐ LOAD CLASSIFICATION: ○ PASSENGER -OR- CLASS: ○ A ○ B ○ C1 ○ C2 ○ C3
- ☐ DISTANCE BETWEEN GUIDES (D.B.G.): _____
- ☐ BACK TO BACK OF CAR SLING STILES: _____
- ☐ FLOORING THICKNESS NEEDED_____
- ☐ IF ALL STEEL PLATFORM IS REQUIRE PLEASE SELECT SUB-FLOOR QUANTITY AND TYPE:
  - ○ 1 LAYER OF PLYWOOD ○ 2 LAYERS OF PLYWOOD ○ NONE
  - ○ 3/4" STANDARD PLYWOOD ○ 3/4" MARINE PLYWOOD ○ 3/4" FIRE-RESISTANT PLYWOOD ○ NONE
- ☐ IF ALL STEEL PLATFORM WITH NO SUB-FLOOR, CAR SILL DETAIL IS REQUIRED: _____
- ☐ LOCATION OF THE DOOR(S) BY FILLING IN THE DIMENSIONS ON ABOVE SKETCH.
- ☐ DOES THE PLATFORM NEED TO BE SPLIT DUE TO INSTALLATION RESTRICTION: ○ YES ○ NO

EXISTING CORNERPOST PLATFORM

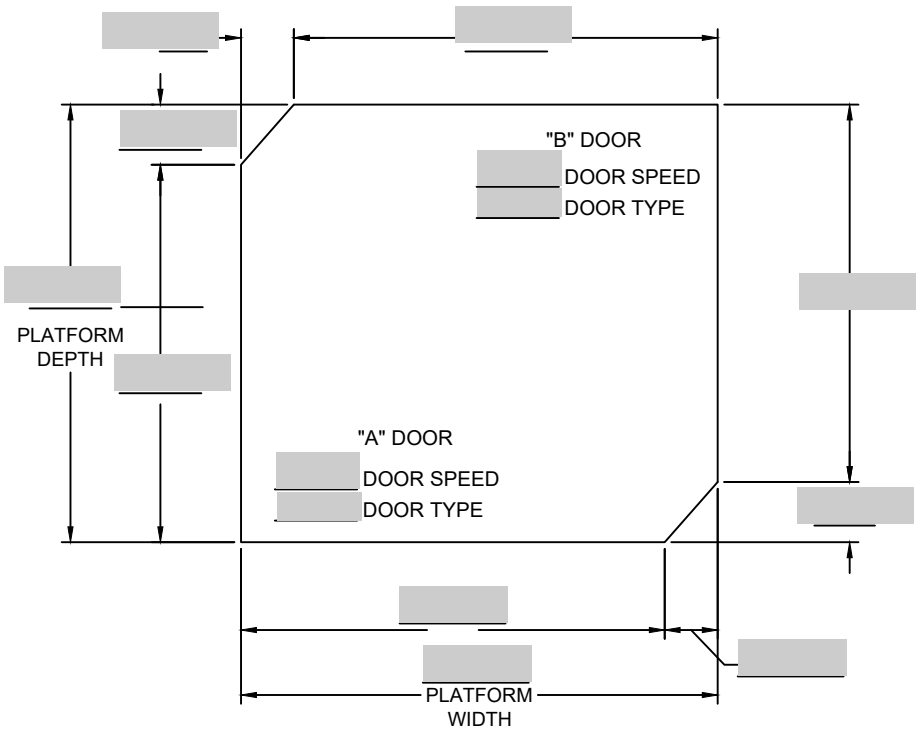
FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

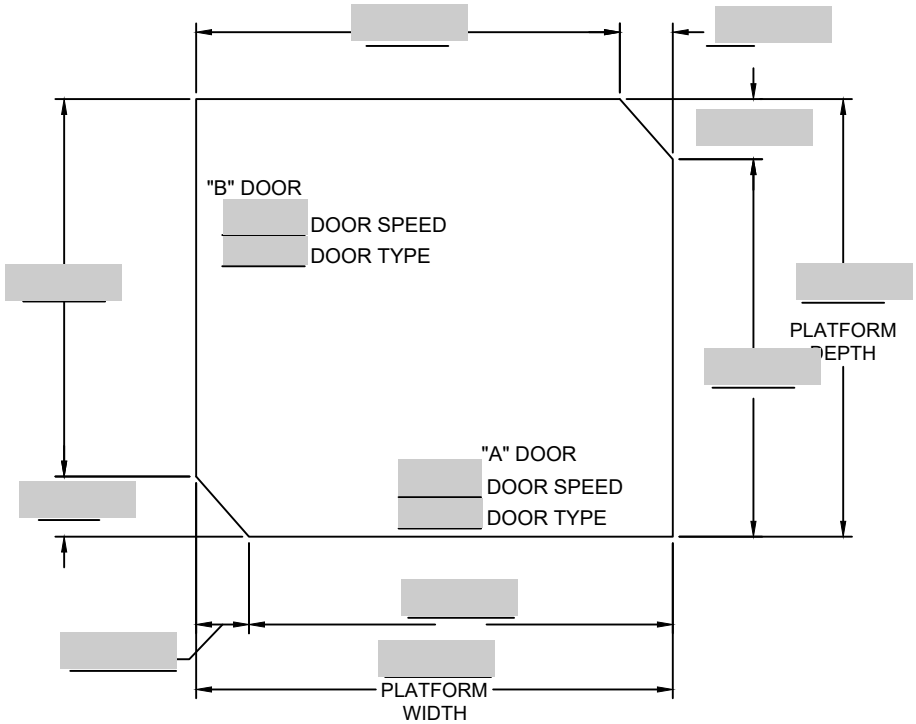
ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____

NOTE: DOOR LOCATION TO BE INDICATED





1:1 ROPED CAR SLINGS

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

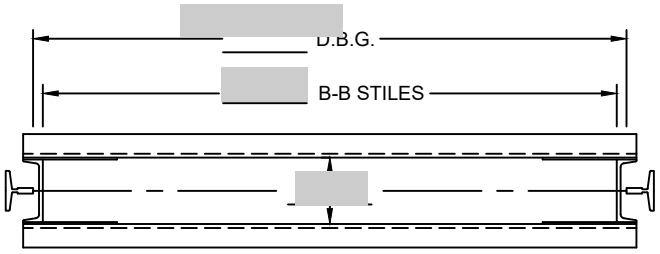
COMPANY: _____ ELEV. #: _____ H-W # : _____

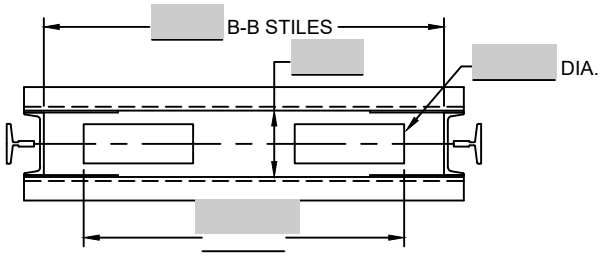
EMAIL: _____ DATE: _____

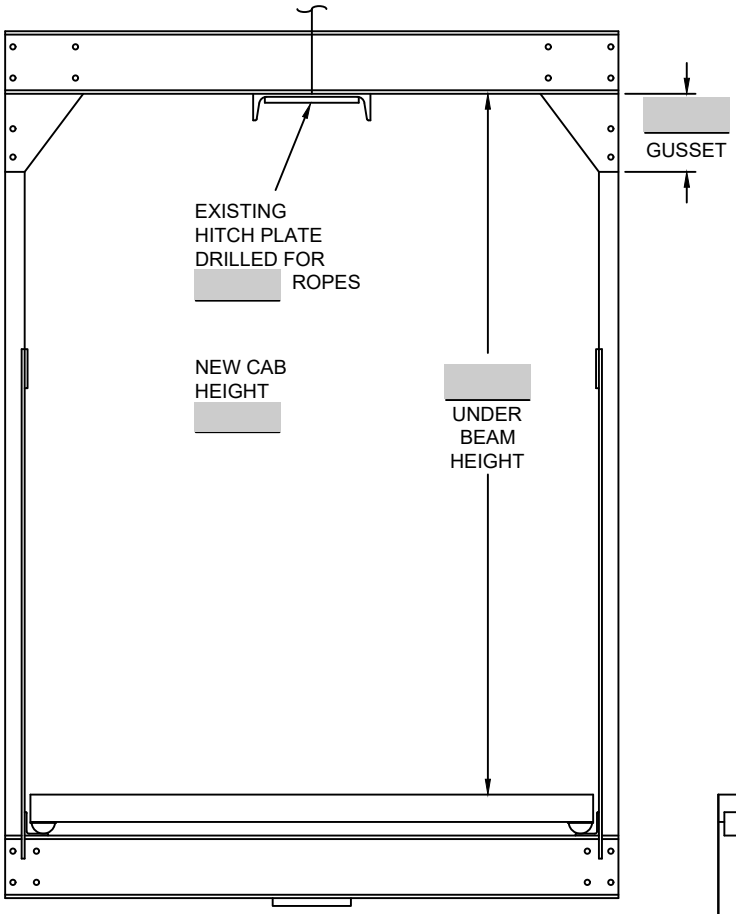
WEIGHTS / DUTY

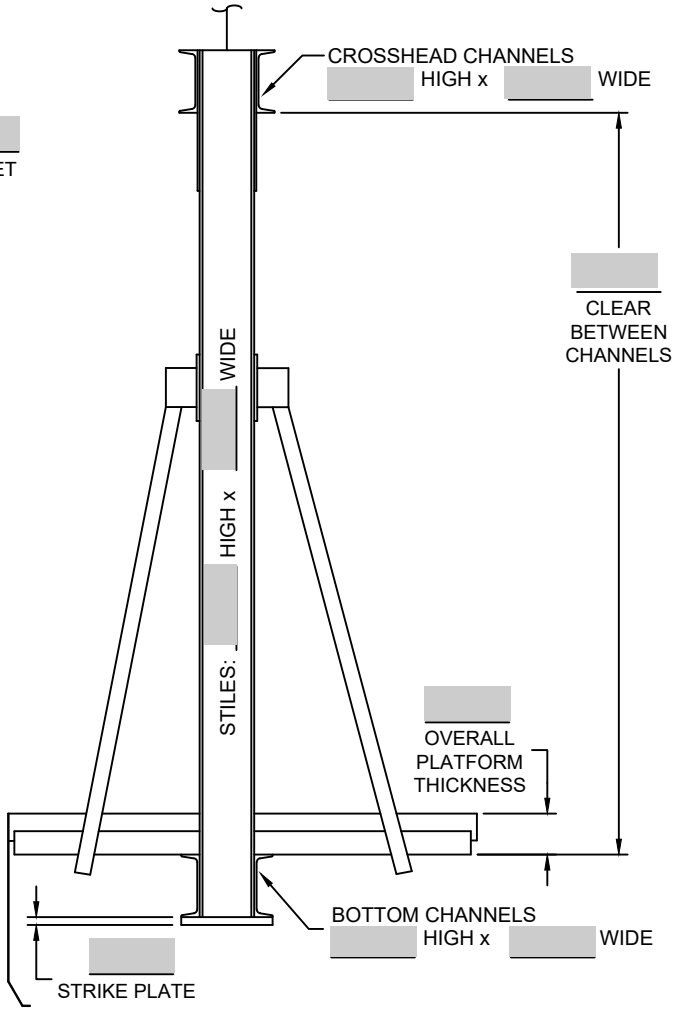
CAR SPEED: _____ CAPACITY RATING:_____ TOTAL EMPTY CAR WEIGHT:_____

LOAD CLASSIFICATION: ○ PASSENGER -OR- CLASS: ○ A ○ B ○ C1 ○ C2 ○ C3









Hollister-Whitney
A VANTAGE Company

COUNTERWEIGHT FRAMES

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

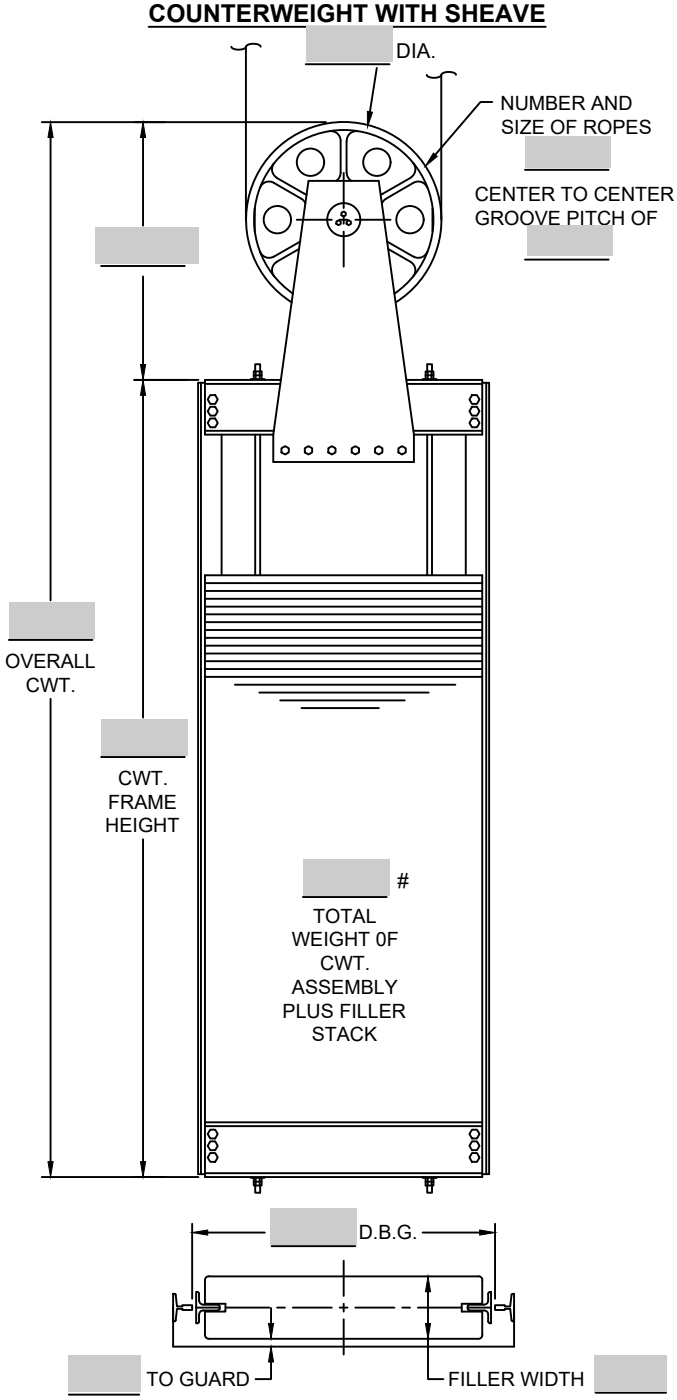
COMPANY: _____ ELEV. #: _____ H-W # : _____

EMAIL: _____ DATE: _____

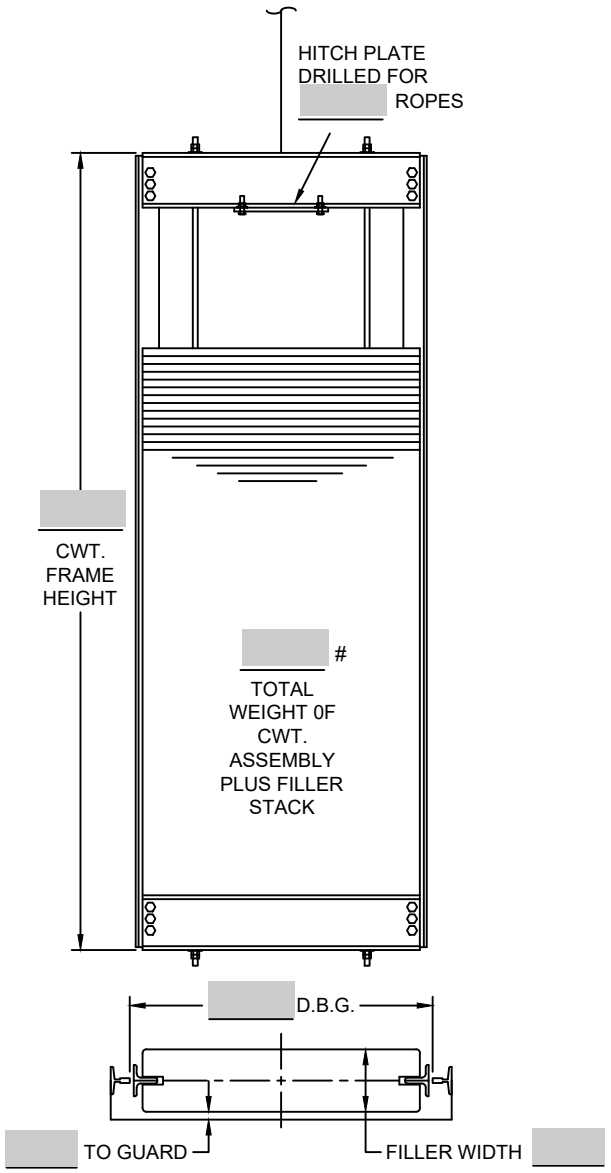
☐ CWT. RAIL SIZE (IN LBS) _____

☐ CWT. SHOE MANUFACTURER _____

COUNTERWEIGHT WITH SHEAVE



COUNTERWEIGHT WITHOUT SHEAVE



REPLACEMENT SHEAVES

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

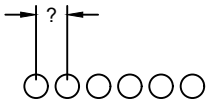
COMPANY: _____ ELEV. #: _____ H-W # : _____

EMAIL: _____ DATE: _____

GENERAL INFORMATION

- ☐ CAR SPEED: _____
- ☐ CAPACITY: _____
- ☐ EMPTY CAR WEIGHT:_____
- ☐ HOIST ROPES: QUANTITY _____
- ☐ HOIST ROPES: SIZE _____
- ☐ ROPE PITCH (SEE SKETCH "A"): _____
- ☐ MACHINE LOCATION: ○ OVERHEAD ○ BASEMENT
- ☐ ROPING: ○ 1:1 ○ 2:1
- ☐ SHEAVE LOCATION:

○ OVERHEAD CAR
- DIAMETER:_____ QUANTITY:_____
- BEAM SIZE:_____" HIGH x _____" WIDE
- BEAM SPACING "BA"_____"BB"_____
- CHANNEL SIZE:_____" HIGH x _____" WIDE
- CHANNEL SPACING "CC"_____"CD"_____

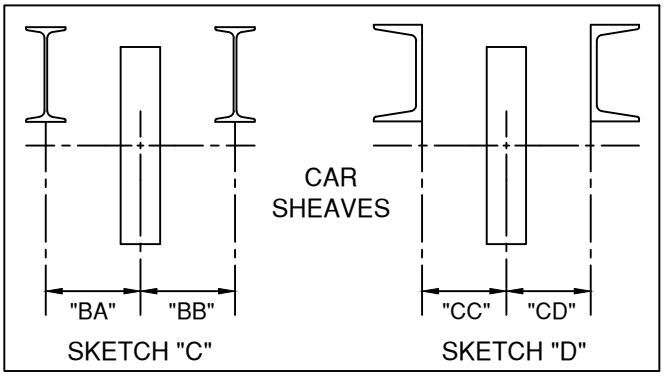


SKETCH "A"

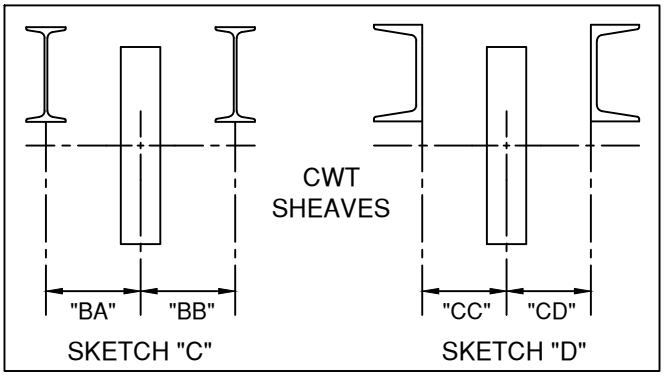
○ OVERHEAD CWT
- DIAMETER:_____ QUANTITY:_____
- BEAM SIZE:_____" HIGH x _____" WIDE
- BEAM SPACING "BA"_____"BB"_____
- CHANNEL SIZE:_____" HIGH x _____" WIDE
- CHANNEL SPACING "CC"_____"CD"_____

○ ATTACHED TO CAR
- DIAMETER:_____ QUANTITY:_____
- BEAM SIZE:_____" HIGH x _____" WIDE
- BEAM SPACING "BA"_____"BB"_____
- CHANNEL SIZE:_____" HIGH x _____" WIDE
- CHANNEL SPACING "CC"_____"CD"_____

○ ATTACHED TO CWT
- DIAMETER:_____ QUANTITY:_____
- BEAM SIZE:_____" HIGH x _____" WIDE
- BEAM SPACING "BA"_____"BB"_____
- CHANNEL SIZE:_____" HIGH x _____" WIDE
- CHANNEL SPACING "CC"_____"CD"_____



SKETCH "C" SKETCH "D"



SKETCH "C" SKETCH "D"

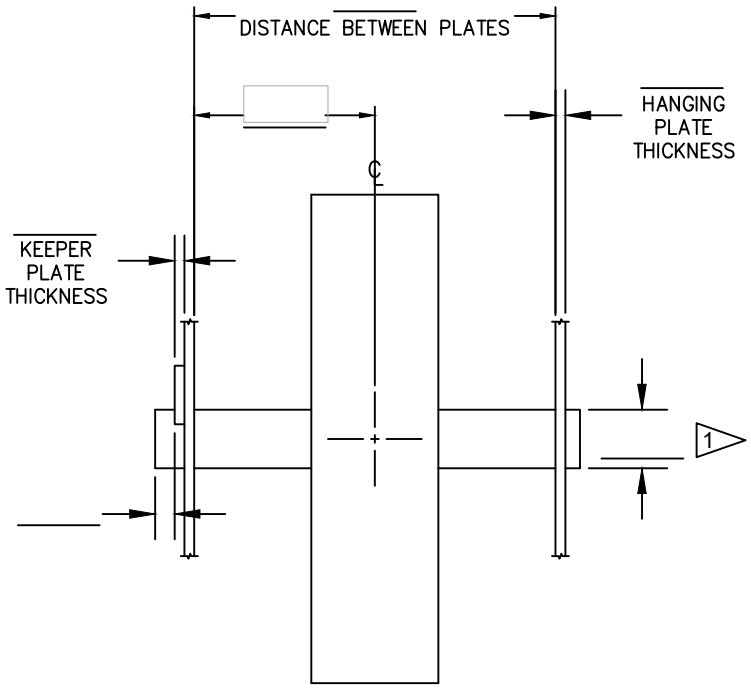
HANGING SHEAVES

FILL IN ALL ITEMS ASSOCIATED WITH THE APPLICATION

ENGINEERING CONTACT: _____ JOB NAME: _____

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

EMAIL: _____ DATE: _____



PROVIDE OPEN DIMENSIONS ABOVE

1 HW TYPICAL SHAFT DIAMETER FOR HEAVY DUTY DEFLECTOR, CAR, CWT, AND OVERHEAD SHEAVES IS 3.438" - 3.440. IF YOU REQUIRE A SMALLER DIAMETER FOR YOUR EXISTING CONDITIONS, PROVIDE YOUR SHAFT DIAMETER IN NEAREST THOUSANDTHS.