



| REV | BY | DATE | DESCRIPTION |
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THIS DRAWING IS THE PROPERTY OF MUSTANG DYNAMOMETER CO. AND IS LOANED TO YOU BY THE ABOVE NAMED PARTY. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF MUSTANG DYNAMOMETER CO. ANY UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED. MUSTANG DYNAMOMETER CO. 200119647

SECTION A-A
ROTATED 90°

SECTION B-B
ROTATED 90°

- 130 THESE (60) ASTERISK (C*) REPRESENT APPROXIMATE POSITION OF ANCHOR BOLTS
- 140 FOR DRG MOUNTING, KEEP REBAR CLEAR FROM THESE AREAS
- 140 POSITION DRG IN PIT AND INSTALL COVER PLATES, ADJUST DYNAMOMETER LOCATION
- 50 EACH COVER PLATE EXTENDS AT LEAST 7" BEYOND THE SIDE WALLS OF PIT
- 150 REMOVE COVER PLATES AND MARK ANCHOR BOLT LOCATIONS.
- 160 REMOVE DRG FROM PIT.
- 170 DRILL (60) 7/8" DIA. 7' DEEP AND ENSURE THE HOLES ARE CLEAR OF DUST
- 180 WITH THE DRG FROM PIT, PLACE DYNAMOMETER FLUSH WITH THE TOP OF STUD. TYP THE HOLES IN STUDS AS SHOWN IN THIS DRAWING. THE STUD IS 1.75" FROM THE PIT FLOOR. DRILL AND REBAR. REMOVE THE NUT AND WASHER.
- 190 LOWER THE DYNAMOMETER ON TOP OF THE THUNDERSTUDS.

- 200 WITH THE DYNAMOMETER IN POSITION, LEVEL THE DYNAMOMETER USING STEEL SHIM, PLACE THE DYNAMOMETER KEYS SHIMS, PLACE THEM UNDERNEATH THE DYNAMOMETER FRAME NEAR THE (60) ANCHOR LOCATIONS.
- 210 PLACE WASHER AND NUT ON THUNDERSTUDS.
- 220 INSTALL TYP COVER PLATES.

- NOTES:**
- 1) AN INTEGRAL PART OF THIS PIT IS RECOMMENDED. IF THIS REBAR AND CONCRETE IS NOT USED, THE COVER PIT BOTTOM MUST BE FLORED WITH THE WALLS FINISHED ON TOP.
 - 2) THE INSTALLER OF THIS DYNAMOMETER PIT ACCEPTS FULL RESPONSIBILITY FOR ASSEMBLING TO ALL LOCAL STATE AND FEDERAL CONSTRUCTION CODES. IF ANY OF THE INFORMATION OR IDEAS DEPICTED IN THIS DRAWING DO NOT APPEAR TO THESE CODES, MUSTANG DYNAMOMETER MUST BE NOTIFIED IN WRITING OF CODE VIOLATIONS.
 - 3) COMPRESSIVE STRENGTH OF CONCRETE IS NOT TO BE LESS THAN 3000 PSI.
 - 4) TRENCH TO CONTROL BOX MOUNTING STAND SHOULD BE ON LEFT SIDE (DRIVERS SIDE).
 - 5) PIT VENT REQUIREMENT MUST BE ACCORDING TO NATIONAL ELECTRIC CODE. PIT MUST BE VENTED TO SOME POINT OUTSIDE OF PIT AND A POINT FAN NOT SUPPLIED SHOULD CONSTANTLY REMOVE AIR FROM THE PIT AT A RATE OF SIX AIR CHANGES PER HOUR FROM THE BOTTOM OF THE PIT FLOOR. LOCATION OF 4" VENT PIPE FOR REF. ONLY.
 - 6) WALL THICKNESS IS FOR REF. ONLY. THE WALLS SHOULD BE INSTALLED ACCORDING TO LOCAL CODES.
 - 7) ALL DIMENSIONS ARE IN INCHES. TOLERANCES FOR ALL DIMENSIONS TO BE +.13/-00
 - 8) DIMENSION 'X' TO BE DETERMINED BY CUSTOMER. 30" OF CABLE SUPPLIED TO CONTROL BOX, 30" OF CABLE SUPPLIED FROM CONTROL BOX TO ROLL AROUND CART COMPUTER STATION.
 - 9) MATERIAL NOT SUPPLIED BY MUSTANG DYNAMOMETER. A TRENCH COVER PLATES - CAN BE OMITTED AS AN OPTION.
 - 10) VENT FAN FOR PIT.
 - 11) FUSIBLE DISCONNECT.
 - 11A) 15AMP
 - 11B) 15AMP
 - 11C) 15AMP
 - 11D) 15AMP
 - 11E) 15AMP
 - 11F) 15AMP
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 - 11V) 15AMP
 - 11W) 15AMP
 - 11X) 15AMP
 - 11Y) 15AMP
 - 11Z) 15AMP
 - 12) MATERIAL SUPPLIED BY MUSTANG DYNAMOMETER.
 - 12A) ANCHOR BOLTS (60)
 - 12B) ANCHOR BOLTS (60)
 - 12C) ANCHOR BOLTS (60)
 - 12D) ANCHOR BOLTS (60)
 - 12E) ANCHOR BOLTS (60)
 - 12F) ANCHOR BOLTS (60)
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 - 12W) ANCHOR BOLTS (60)
 - 12X) ANCHOR BOLTS (60)
 - 12Y) ANCHOR BOLTS (60)
 - 12Z) ANCHOR BOLTS (60)
 - 13) THIS TRENCH RUN IS SPECIFICALLY FOR CABLES THAT RUN FROM NO CONTROL BOX TO THE ROLL AROUND CART THAT HOUSES THE COMPUTER AND VIEWING MONITOR.
 - 14) ANCHOR BOLTS ARE SHOWN IN SUGGESTED LOCATIONS. VARIABLES INCLUDE - VEHICLE BEING TESTED, AREA AVAILABLE, VEHICLE TO DOWN POINTS, ETC.
 - 15) MATERIAL SUPPLIED BY MUSTANG DYNAMOMETER.
 - 15A) ANCHOR BOLTS (60)
 - 15B) ANCHOR BOLTS (60)
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 - 15Z) ANCHOR BOLTS (60)

MUSTANG DYNAMOMETER
 50" DIA. ROLL DYNAMOMETER
 200119647

| DO NOT SCALE | TITLE | SCALE | DATE | REV. | BY | CHKD. | DATE |
|--------------|---------------------------|--------------|------|------|----|-------|------|
| | 50" DIA. ROLL DYNAMOMETER | 1:16 (IN/CM) | | 0 | | | |
| | TOTAL REV. COUNT | | | | | | |
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