



NOTES:

- 1) AN INTEGRAL POUR OF THIS PIT IS REQUIRED. THE FINISH IS NOT POSSIBLE WHEN CONCRETE IS POURED WITH THE WALLS FINISHED ON TOP.
- 2) THE INSTALLER OF THIS DYNO PIT ACCEPTS FULL RESPONSIBILITY FOR ADHERING TO ALL CODES. IF ANY OF THE INFORMATION OR BEARS DEPICTED IN THIS DRAWING DO NOT ADHERE TO THESE CODES, THE INSTALLER WILL BE RESPONSIBLE FOR ANY VIOLATIONS. CODES SHALL BE AT LEAST 3000 PSI (20 MPa) AND NOT TO BE LESS THAN 3000 PSI (20 MPa) AT 28 DAYS.
- 3) ALL DIMENSIONS ARE IN INCHES/MILLIMETERS.
- 4) THE PURCHASER OF THIS DYNOMETER SHALL BE RESPONSIBLE FOR ADHERING TO ALL LOCAL, STATE AND FEDERAL CODES WITH REGARD TO PIT VENTILATION. IF A DYNOMETER IS TO BE INSTALLED IN A PIT IT SHOULD BE LOCATED ABOVE OR BELOW THE DRAIN WITH RESPECT TO THIS DRAWING.
- 5) THE PURCHASER OF THIS DYNOMETER AND/OR COVER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PIT AND SAFETY.
- 6) ALL STEEL SURFACES SHOULD BE GALVANNEAL.
- 7) ALL STEEL SURFACES SHOULD BE POLISHED.
- 8) THE PIT SHALL BE INSTALLED IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS OF PURCHASER.
- 9) PIT FLOOR MUST BE LEVEL TO ±0.12 in. [3 mm].
- 10) PIT VENT REQUIREMENT: TO NATIONAL ELECTRIC CODE (NEC) ARTICLE 501.10 (D) AND ARTICLE 501.10 (E) PIT MUST BE VENTED TO SOME POINT OUTSIDE THE BUILDING AT A POINT HIGHER THAN 18" [457] ABOVE THE GRADE LEVEL (SHOP FLOOR) F.W. (NOT SUPPLIED) AND SHALL BE VENTED TO THE EXTERIOR AT A FLOW RATE GREATER THAN 5 CFM [141 LTR/MIN].

SECTION B-B
SCALE: 2X

3.00in. x 3.00in. x 0.38in. ANGLE STEEL
3.00in. x 3.00in. x 0.38in. ANGLE STEEL
2.50 [64] ROUND BAR
12.06 [306] RECESS IN CONCRETE
3.00 [76] ROUND BAR
0.38in. x 0.38in. 10mm x 10mm SQ. BARS/STOCK
#0.50in. x 4.00in. #12mm x 100mm CONCRETE ANCHOR [6.75in. [171mm]] ON CENTER
0.38in. x 0.38in. 10mm x 10mm SQ. BARS/STOCK
3.00in. x 3.00in. x 0.38in. 75mm. x 75mm. x 10mm. ANGLE STEEL
0.38in. x 0.38in. 10mm x 10mm SQ. BARS/STOCK
#0.50in. x 4.00in. #12mm x 100mm CONCRETE ANCHOR [6.75in. [171mm]] ON CENTER

SECTION A-A

60.50in. / 2mm REBAR
#11.81in. / 300mm ON CENTER EACH WAY (TOP & Btm.)
18.00 [457] NEW CONCRETE
EXPANSION JOINT AROUND PERIMETER
12.00 [305] 6.00 [153] 6.00 [153]
18.00 [457] 1.81 [46] 6.00 [153]
60.50in. / 2mm REBAR
#11.81in. / 300mm O.C. EACH WAY (SIDES)

REVISIONS

REV	NO.	REVISION	BY	DATE
1	1	ISSUED FOR CONSTRUCTION	MM	10/20/17
2	1	REVISED PER COMMENTS	MM	10/20/17
3	1	REVISED PER COMMENTS	MM	10/20/17
4	1	REVISED PER COMMENTS	MM	10/20/17
5	1	REVISED PER COMMENTS	MM	10/20/17
6	1	REVISED PER COMMENTS	MM	10/20/17
7	1	REVISED PER COMMENTS	MM	10/20/17
8	1	REVISED PER COMMENTS	MM	10/20/17
9	1	REVISED PER COMMENTS	MM	10/20/17
10	1	REVISED PER COMMENTS	MM	10/20/17

MB MUSTANG DYNAMOMETER
2500 PHINACLE Pkwy., TOWNSBORO, OH 44887

DO NOT SCALE DIMENSIONS
DRAWING NUMBER: PIT, DYN0 INSTALLATION
SCALE: 1/8" = 1'-0"
DATE: 10/20/17
TOL: ±0.125" (3mm)
SHEET NO.: 20000962
REV: 10