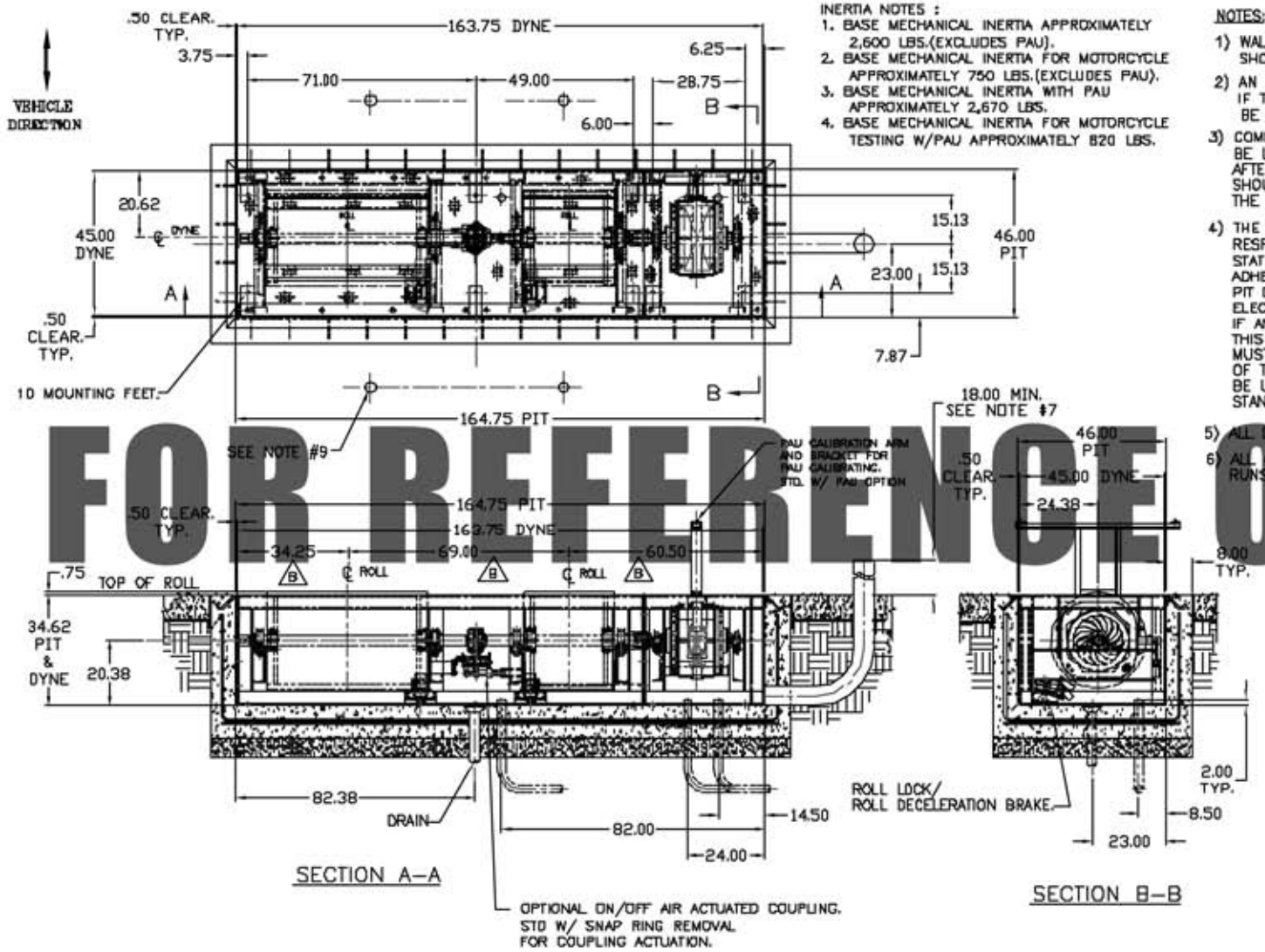

INERTIA NOTES :

1. BASE MECHANICAL INERTIA APPROXIMATELY 2,600 LBS.(EXCLUDES PAU).
2. BASE MECHANICAL INERTIA FOR MOTORCYCLE APPROXIMATELY 750 LBS.(EXCLUDES PAU).
3. BASE MECHANICAL INERTIA WITH PAU APPROXIMATELY 2,670 LBS.
4. BASE MECHANICAL INERTIA FOR MOTORCYCLE TESTING W/PAU APPROXIMATELY 820 LBS.

NOTES:

1) WALL THICKNESS IS FOR REFERENCE ONLY. WALLS SHOULD BE POURED ACCORDING TO LOCAL CODE.

2) AN INTEGRAL POUR OF THIS PIT IS RECOMMENDED, IF THIS IS NOT POSSIBLE, THEN COMPLETE FLOOR MUST BE POURED WITH THE WALLS PINNED ON THE TOP.

3) COMPRESSIVE STRENGTH OF CONCRETE IS NOT TO BE LESS THAN 3000 PSI [20 MPa] AFTER 27 DAYS OF CURE TIME. THE DYNAMOMETER SHOULD NOT BE INSTALLED AND ANCHORED UNTIL AFTER THE CONCRETE IS FULLY CURED.

4) THE INSTALLER OF THIS PIT ASSUMES FULL RESPONSIBILITY FOR ADHERING TO ALL FEDERAL, STATE, AND LOCAL LAWS AND CODES. ADHERENCE TO CODE REQUIREMENTS FOR PIT DRAINAGE AND VENTALITION, AND FOR ELECTRICAL CONNECTION. IF ANY OF THE INFORMATION OR IDEAS DEPICTED IN THIS DRAWING DO NOT MEET THESE CODES, MUSTANG DYNAMOMETER MUST BE NOTIFIED IN WRITING OF THESE DISCREPANCIES. THIS DRAWING SHOULD ONLY BE USED AS A GUIDE FOR THE MINIMUM REQUIRED STANDARDS FOR THE DYNAMOMETER INSTALLATION.

5) ALL DIMENSIONS ARE IN INCHES.

6) ALL CONDUIT RUNS SHOULD TERMINATE AS NOTED. RUNS SHOULD NOT EXCEED 25 FEET FROM PIT.

7) PIT VENT REQUIREMENT: MUST BE ACCORDING TO NATIONAL ELECTRIC CODE. PIT MUST BE VENTED TO SOME POINT OUTSIDE THE PIT AND AT A POINT NOT LESS THAN 18" ABOVE THE GRADE LEVEL (SHOP FLOOR). A FAN (NOT SUPPLIED) SHOULD CONSTANTLY REMOVE AIR FROM THE BOTTOM OF THE PIT FLOOR AT A RATE OF NOT LESS THAN 1 CFM/FT^2 OF FLOOR AREA, OR AT A RATE OF SIX AIR CHANGES PER HOUR.

8) 30 FOOT CONTROL CABLE IS SUPPLIED FROM MUSTANG CONTROL BOX TO ROLL-AROUND CART (COMPUTER).

9) SUGGESTED ANCHOR LOCATIONS. MUSTANG ASSUMES NO RESPONSIBILITY FOR PLACEMENT. FINAL LOCATIONS ARE TO BE DETERMINED BY CUSTOMER.

FOR REFERENCE ONLY!

REV	SCN	DESCRIPTION	BY	DATE
B	1105	ADDED DWG'S	TWU	20OCT04
A	1084	RELEASE	TWU	18JULY04

MUSTANG DYNAMOMETER

DO NOT SCALE DRAWING

TITLE: 30 DIA. INERTIA DYNE, MD-110D, WITH PAU OPTION, PIT INSTALLATION LAYOUT.

DRAWN	DATE	APP.	DATE	SCALE	UNITS
TWU	18JULY04	TWU	29JUL'04	16:1	IN[MM]

SIZE	DWG. NO.	SH 1 OF 1	REV.
D	20030017		B