

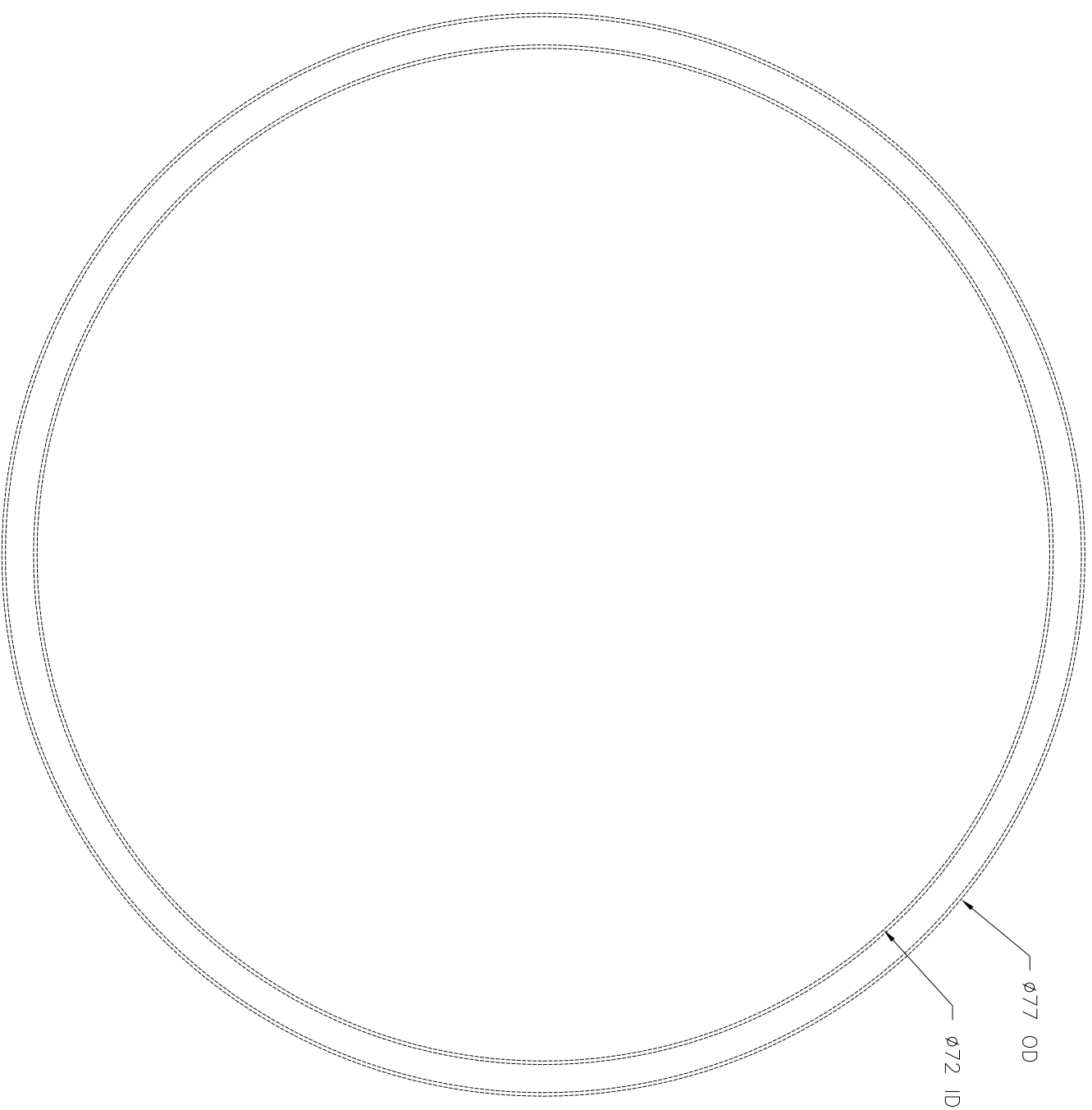
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REV.

ALTERATIONS

BY

DATE




ALUMINUM FRAME CONSISTS OF 3 PIECES.

- 1) 1/4" THICK, 5-1/2" HIGH, ALUMINUM ID RING, 72" INSIDE DIAMETER.
- 2) 1/4" THICK, 5-1/2" HIGH, ALUMINUM OD RING, 77" OUTSIDE DIAMETER.
- 3) 1/2" THICK ALUMINUM BASE PLATE, 72" ID X 77" OD.

ID AND OD RING TO BE SCREWED OR WELDED TO BASEPLATE. COIL WILL SIT IN POCKET AND BE EPOXY ENCAPSULATED.

EACH COIL WILL WEIGH BETWEEN 400 – 500 LBS.
 EACH COIL WILL HAVE 203 TURNS AND REQUIRE 1300 W (22A/60V) TO PRODUCE 40 GAUSS. NOMINAL SPACING TO BE APPROX. 34".
 FIELD UNIFORMITY TO BE BETTER THAN 0.5% OVER 20 CM CUBE (8000 CUBIC CM). THIS TRANSLATES TO BETTER THAN 20 mG/CM GRADIENT OVER THIS REGION.

SCALE ~	REF ~	MATL. & SIZE	SEE NOTES	 WALKER LDJ ROCKDALE STREET, WORCESTER, MA, 01606 U.S.A.	
B/M		ASSY.			
DO NOT SCALE PRINT		ENG.	DATE	NAME	QUOTE DRAWING USED ON SH. 1 OF 1 DWG. NO. UNIV. OF ILL. REV. -
		DRN. BHP	DATE 8/29/06		
TOLERANCES UNLESS OTHERWISE NOTED. DECIMAL DIM. XX +/- .01 DECIMAL DIM. XXX +/- .005 FRACTIONAL DIM. +/- 1/64 ANGULAR DIM. +/- 1 DEG.		REL.	DATE		