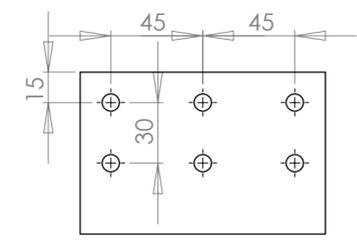


BOTTOM VIEW

ALL HOLES Ø8.5mm
12 mm CB , 10 mm DEPTH

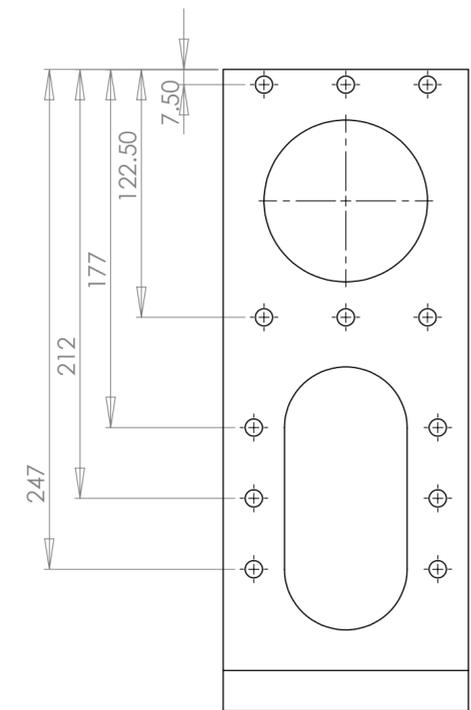


END VIEW

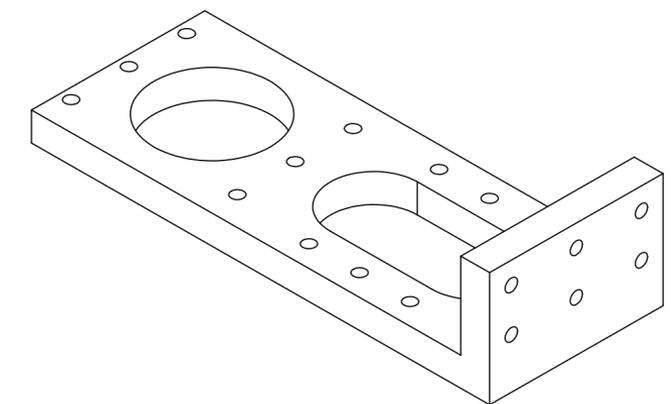


SIDE VIEW

THE GENERATOR AND BRAKE PLATFORM ACTS AS A MOUNTING PLATFORM FOR THE GENERATOR AND CENTRIFUGAL BREAK. THE PLATFORM IS FASTENED TO THE BACK PLATE OF THE GEAR BOX HOUSING USING 6 M8 CAP SCREWS. THE LOCATION OF THE HOLES IN THE BACK PLATE ARE SUBJECT TO THE RELATIVE GENERATOR DIAMETER AS AN INCREASE IN DIAMETER WOULD REQUIRE THE THREADED HOLES TO BE LOCATED LOWER ON THE BACK PLATE. THE PLATFORM IS THEN WELDED TO THE HOUSING TO INCREASE THE STRENGTH OF THE FIXTURE. (OPTIONAL: WELD OR BOLTS)
THE GENERATOR AND BRAKE PLATFORM IS FABRICATED AND THEN MACHINED FROM SOLID 20mm THICK ALUMINIUM PLATE.



TOP VIEW



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UNIVERSITY OF SOUTHERN QUEENSLAN		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	KH3- 500 WIND TURBINE	
DIMENSIONS ARE IN INCHES		DRAWN		J.KIRSCH	6/10/09	TITLE:	
TOLERANCES:		CHECKED				BRAKE/GEN PLATFORM	
FRACTIONAL ±		ENG APPR.				SIZE DWG. NO. REV	
ANGULAR: MACH ± BEND ±		MFG APPR.				C 17	
TWO PLACE DECIMAL ±		Q.A.				SCALE: 1:2 SHEET 1 OF 1	
THREE PLACE DECIMAL ±		COMMENTS:					
INTERPRET GEOMETRIC TOLERANCING PER:		FINISH					
MATERIAL		APPLICATION					
NEXT ASSY		USED ON					
DO NOT SCALE DRAWING							