



NOTES: DESIGNED AND DRAWN BY J.A.M.DE WAAL

TITLE
**EXPERIMENTAL 1 CYL. CRANKSHAFT-LESS
 STEAM ENGINE (OTTO LANGEN PRINCIPLE)**

DRAWING CONTENTS
GENERAL ARRANGEMENT

PROJECT No 09D-16-00
 JDW DRAUGHTING SERVICES
 J.A.M. DE WAAL, 12 BRIGHTWELL STREET PAPAURA 2110.
 NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000
 E-MAIL: dewaal@xtra.co.nz.

PROJECTION 	JDWDS	MODEL SCALE: 1:1
DATE JULY 2018	Copyright © J.A.M. DE WAAL PAPAURA NZ	DWG SCALE: 1:1 @A3 OR AS SHOWN
SHEET: 01 OF 04	A3	No: 09D-16-00-SHT01