



NOTE: THE ORIGINAL DRAWINGS WERE FOUND ON THE INTERNET AND WERE EXTRACTED FROM OLD ENGINEERING MAGAZINES. THE ORIGINAL DRAWINGS TITLE WAS: "THE ALLCHIN M.E. TRACTION ENGINE" DESIGNED BY W.J. HUGHES. (NO DATE)

TITLE  
**A MODEL OF A STEAM TRACTION ENGINE AS BUILT BY W. ALLCHIN LTD, NORTHAMPTON**

DRAWING CONTENTS  
**PARTS AND ASSEMBLIES**

PROJECT No: 08-13-00  
**JDW DRAUGHTING SERVICES**  
 J.A.M. DE WAAL, 12 BRIGHTWELL STREET PAKAPURA 2110  
 NEW ZEALAND. PHONE: 0064 09 2988815. MOB: 0211791000  
 E-MAIL: dewaal@xtra.co.nz.

PROJECTION  
**JDWDS**  
 DATE: FEBRUARY 2019  
 SHEET: 23 OF 27  
 MODEL SCALE: 1:1  
 DWG SCALE: 1:1 @ A2 OR AS SHOWN  
 Copyright © J.A.M. DE WAAL PAKAPURA NZ  
**A2** No 08-13-00-SHT-23

FOR PERSONAL USE ONLY NOT FOR COMMERCIAL PURPOSES