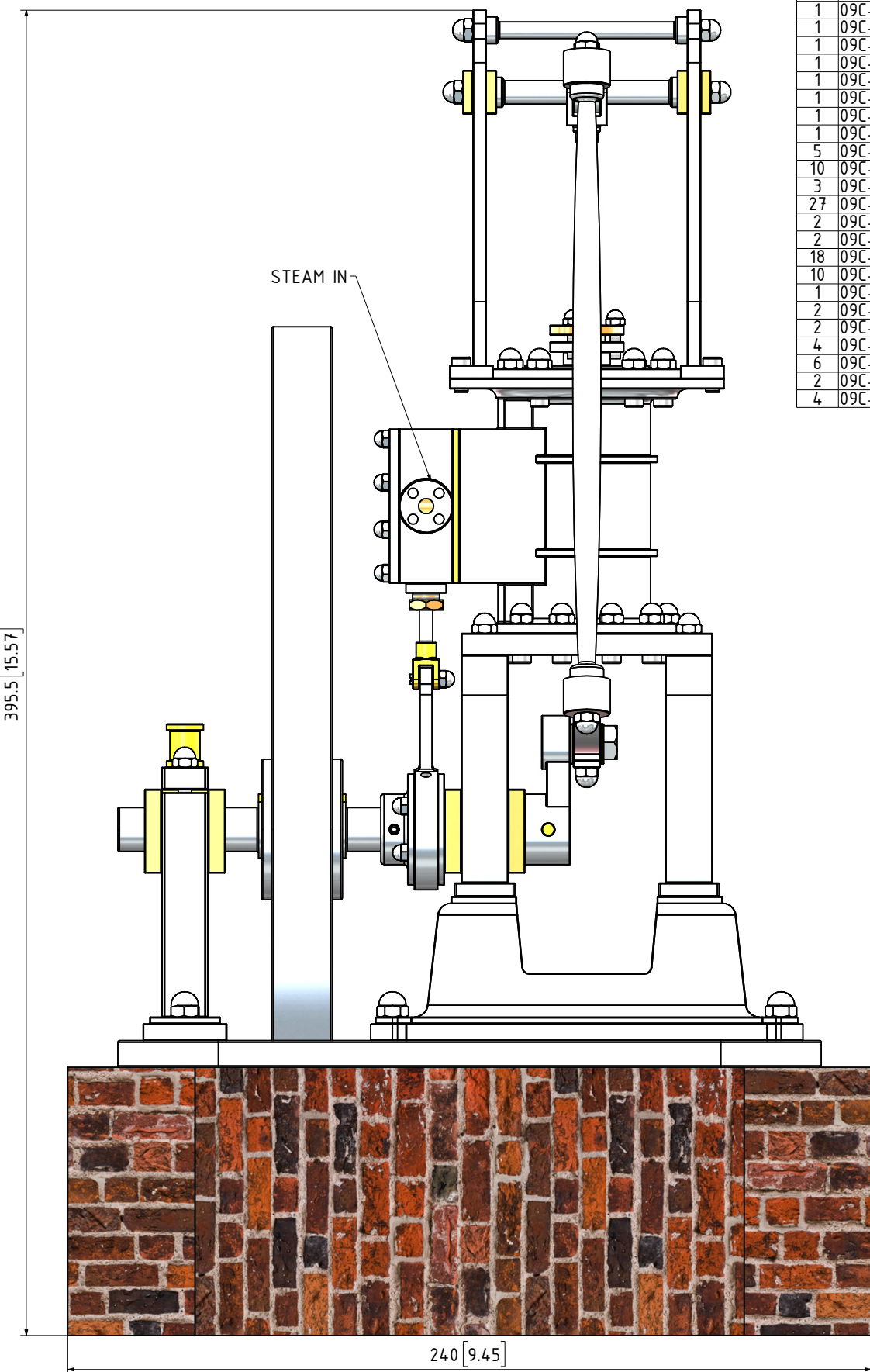
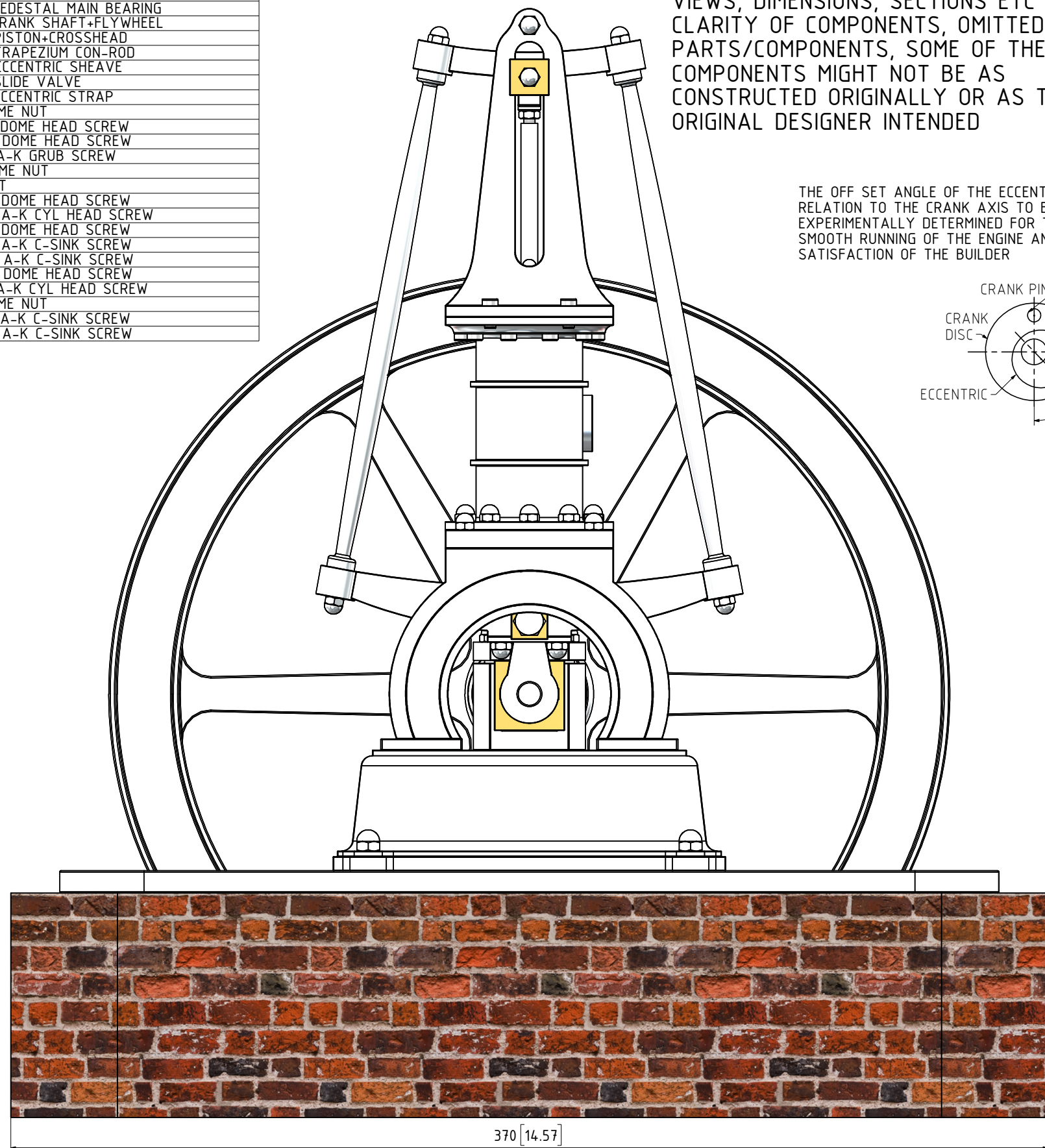


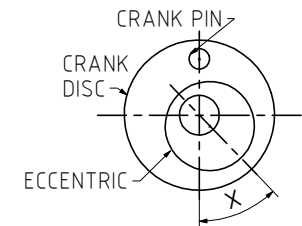


QTY.	PART NUMBER
1	09C-72-00-1-01-BASE FRAME+CYLINDER BOTTOM PLATE
1	09C-72-00-1-02-CYLINDER+CROSSHEAD GUIDE
1	09C-72-00-1-03-CYLINDER TOP COVER
1	09C-72-00-1-04-BASE MAIN BEARING
1	09C-72-00-1-05-PEDESTAL MAIN BEARING
1	09C-72-00-2-01-CRANK SHAFT+FLYWHEEL
1	09C-72-00-2-02-PISTON+CROSSHEAD
1	09C-72-00-2-03-TRAPEZIUM CON-ROD
1	09C-72-00-2-04-ECCENTRIC SHEAVE
1	09C-72-00-2-05-SLIDE VALVE
1	09C-72-00-2-06-ECCENTRIC STRAP
1	09C-72-00-M3 DOME NUT
5	09C-72-00-M3x10 DOME HEAD SCREW
10	09C-72-00-M3x28 DOME HEAD SCREW
3	09C-72-00-M3x4 A-K GRUB SCREW
27	09C-72-00-M4 DOME NUT
2	09C-72-00-M4 NUT
2	09C-72-00-M4x10 DOME HEAD SCREW
18	09C-72-00-M4x12 A-K CYL HEAD SCREW
10	09C-72-00-M4x16 DOME HEAD SCREW
1	09C-72-00-M4x18 A-K C-SINK SCREW
2	09C-72-00-M4x20 A-K C-SINK SCREW
2	09C-72-00-M4x20 DOME HEAD SCREW
4	09C-72-00-M4x8 A-K CYL HEAD SCREW
6	09C-72-00-M5 DOME NUT
2	09C-72-00-M5x18 A-K C-SINK SCREW
4	09C-72-00-M5x20 A-K C-SINK SCREW



DUE TO THE LACK OF INFORMATION ON THE ORIGINAL DRAWING(S), SUCH AS VIEWS, DIMENSIONS, SECTIONS ETC AND/OR CLARITY OF COMPONENTS, OMITTED PARTS/COMPONENTS, SOME OF THE COMPONENTS MIGHT NOT BE AS CONSTRUCTED ORIGINALLY OR AS THE ORIGINAL DESIGNER INTENDED

THE OFF SET ANGLE OF THE ECCENTRIC IN RELATION TO THE CRANK AXIS TO BE EXPERIMENTALLY DETERMINED FOR THE SMOOTH RUNNING OF THE ENGINE AND SATISFACTION OF THE BUILDER



NOTES: THE ENGINE SHOWN ON THESE DRAWINGS ARE LOOSLY BASED ON SOME DRAWINGS WHICH I FOUND ON THE INTERNET. THE DRAWINGS AND ARTICLES WERE PUBLISHED IN "ENGINEERING IN MINIATURE" MAGAZINE DATED 1997 UNDER THE TITLE "REULEAUX'S TRAPEZIUM CONNECTING ROD ENGINE". THE DESIGN AND DESCRIPTION WERE BY ANTHONY MOUNT.

TITLE
1 CYL. VERT. STM. ENG. USING REULEAUX'S
TRAPEZIUM CON-ROD (B=30mm/S=52mm)

DRAWING CONTENTS
GENERAL ARRANGEMENT, VIEWS,
NOTES, BILL OF MATERIALS

PROJECT No 09C-72-00
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PROJECTION AUGUST 2025	JDWDS	MODEL SCALE: 1:1 DWG SCALE: 1:1 @A3 OR AS SHOWN
SHEET: 01 OF 06	A3	Copyright © J.A.M. DE WAAL PAKAKURA NZ No:09C-72-00-SHT-01

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