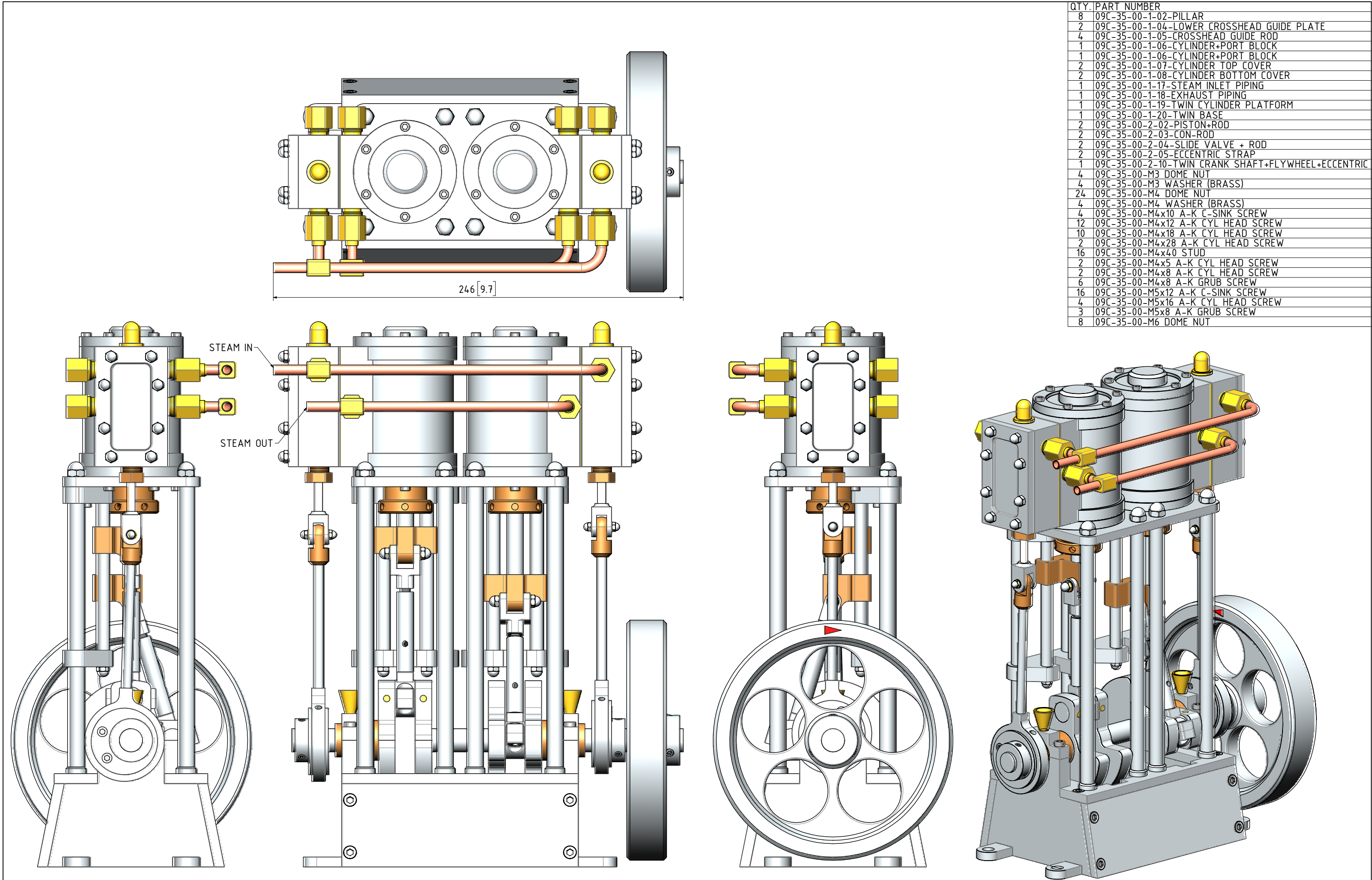




QTY.	PART NUMBER
8	09C-35-00-1-02-PILLAR
2	09C-35-00-1-04-LOWER CROSSHEAD GUIDE PLATE
4	09C-35-00-1-05-CROSSHEAD GUIDE ROD
1	09C-35-00-1-06-CYLINDER+PORT BLOCK
1	09C-35-00-1-06-CYLINDER+PORT BLOCK
2	09C-35-00-1-07-CYLINDER TOP COVER
2	09C-35-00-1-08-CYLINDER BOTTOM COVER
1	09C-35-00-1-17-STEAM INLET PIPING
1	09C-35-00-1-18-EXHAUST PIPING
1	09C-35-00-1-19-TWIN CYLINDER PLATFORM
1	09C-35-00-1-20-TWIN BASE
2	09C-35-00-2-02-PISTON+ROD
2	09C-35-00-2-03-CON-ROD
2	09C-35-00-2-04-SLIDE VALVE + ROD
2	09C-35-00-2-05-ECCENTRIC STRAP
1	09C-35-00-2-10-TWIN CRANK SHAFT+FLYWHEEL+ECCENTRIC
4	09C-35-00-M3 DOME NUT
4	09C-35-00-M3 WASHER (BRASS)
24	09C-35-00-M4 DOME NUT
4	09C-35-00-M4 WASHER (BRASS)
4	09C-35-00-M4x10 A-K C-SINK SCREW
12	09C-35-00-M4x12 A-K CYL HEAD SCREW
10	09C-35-00-M4x18 A-K CYL HEAD SCREW
2	09C-35-00-M4x28 A-K CYL HEAD SCREW
16	09C-35-00-M4x40 STUD
2	09C-35-00-M4x5 A-K CYL HEAD SCREW
2	09C-35-00-M4x8 A-K CYL HEAD SCREW
6	09C-35-00-M4x8 A-K GRUB SCREW
16	09C-35-00-M5x12 A-K C-SINK SCREW
4	09C-35-00-M5x16 A-K CYL HEAD SCREW
3	09C-35-00-M5x8 A-K GRUB SCREW
8	09C-35-00-M6 DOME NUT

NOTES: THIS DESIGN IS BASED ON DRAWINGS WHICH WERE GIVEN TO ME. THE ORIGINAL ENGINE WAS DESIGNED AND BUILT BY Mr. IAN MARTIN, THE DRAWINGS WERE DATED APRIL 2013 STATUS AS BUILT. THIS ENGINE PLAN IS 2 TIMES LARGER THAN THE ORIGINAL											
TITLE A MODEL OF A SIMPLE 1 AND 2 CYLINDER VERTICAL STEAM ENGINE WITH SLIDE VALVE			DRAWING CONTENTS GENERAL ARRANGEMENT, ISOMETRIC VIEW, BILL OF MATERIALS			PROJECT No 09C-35-00 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 JANUARY 2019 SHEET: 04 OF 06		MODEL SCALE: 1:1 DWG SCALE: 1:1 @A3 OR AS SHOWN Copyright © J.A.M. DE WAAL PAKAPURA NZ A3 No: 09C-35-00-SHT04	

PROJECTION DATE JANUARY 2019	JDWDS Copyright © J.A.M. DE WAAL PAKAPURA NZ	MODEL SCALE: 1:1 DWG SCALE: 1:1 @A3 OR AS SHOWN
SHEET: 04 OF 06	A3	No: 09C-35-00-SHT04