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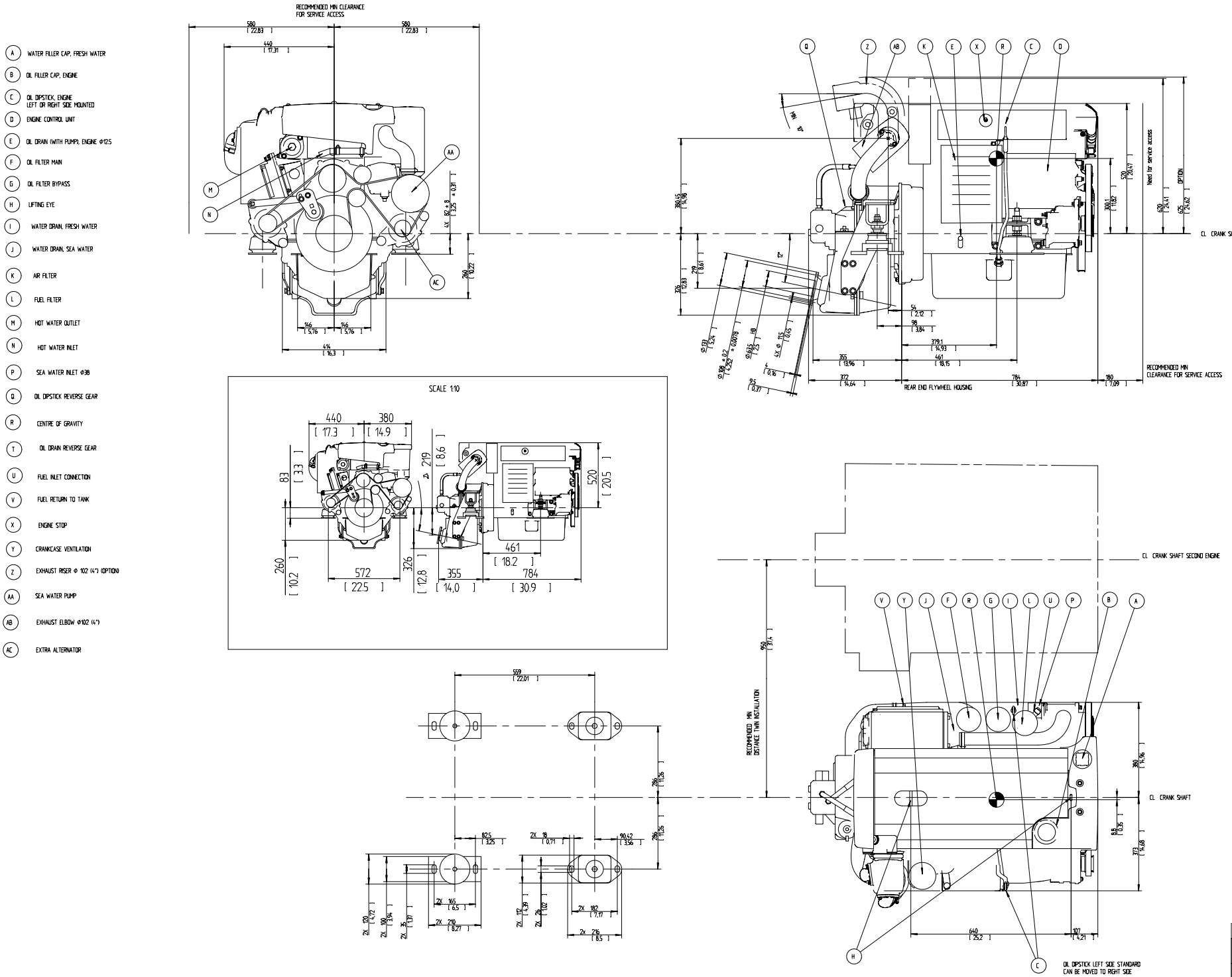

- (A) WATER FILLER CAP, FRESH WATER
- (B) OIL FILLER CAP, ENGINE
- (C) OIL DIPSTICK, ENGINE LEFT OR RIGHT SIDE MOUNTED
- (D) ENGINE CONTROL UNIT
- (E) OIL DRAIN (WITH PUMP), ENGINE Φ12,5
- (F) OIL FILTER MAIN
- (G) OIL FILTER BYPASS
- (H) LIFTING EYE
- (I) WATER DRAIN, FRESH WATER
- (J) WATER DRAIN, SEA WATER
- (K) AIR FILTER
- (L) FUEL FILTER
- (M) HOT WATER OUTLET
- (N) HOT WATER INLET
- (P) SEA WATER INLET Φ38
- (Q) OIL DIPSTICK REVERSE GEAR
- (R) CENTRE OF GRAVITY
- (T) OIL DRAIN REVERSE GEAR
- (U) FUEL INLET CONNECTION
- (V) FUEL RETURN TO TANK
- (X) ENGINE STOP
- (Y) CRANKCASE VENTILATION
- (Z) EXHAUST RISER Φ 102 (4") (OPTION)
- (AA) SEA WATER PUMP
- (AB) EXHAUST ELBOW Φ102 (4")
- (AC) EXTRA ALTERNATOR

SCALE 1:5

SYMBOLS, DESIGNATIONS AND GENERAL DRAWING METHODS STD 01-0006 AND STD 5601383

Drawing title: ENGINE DIMENSIONS D4 / HS63V

Drawing type: DIMENSION DRAWING

VOLVO PENTA

Document No: 3591364 | Issue Index: 02 | Sheet No: 1/1