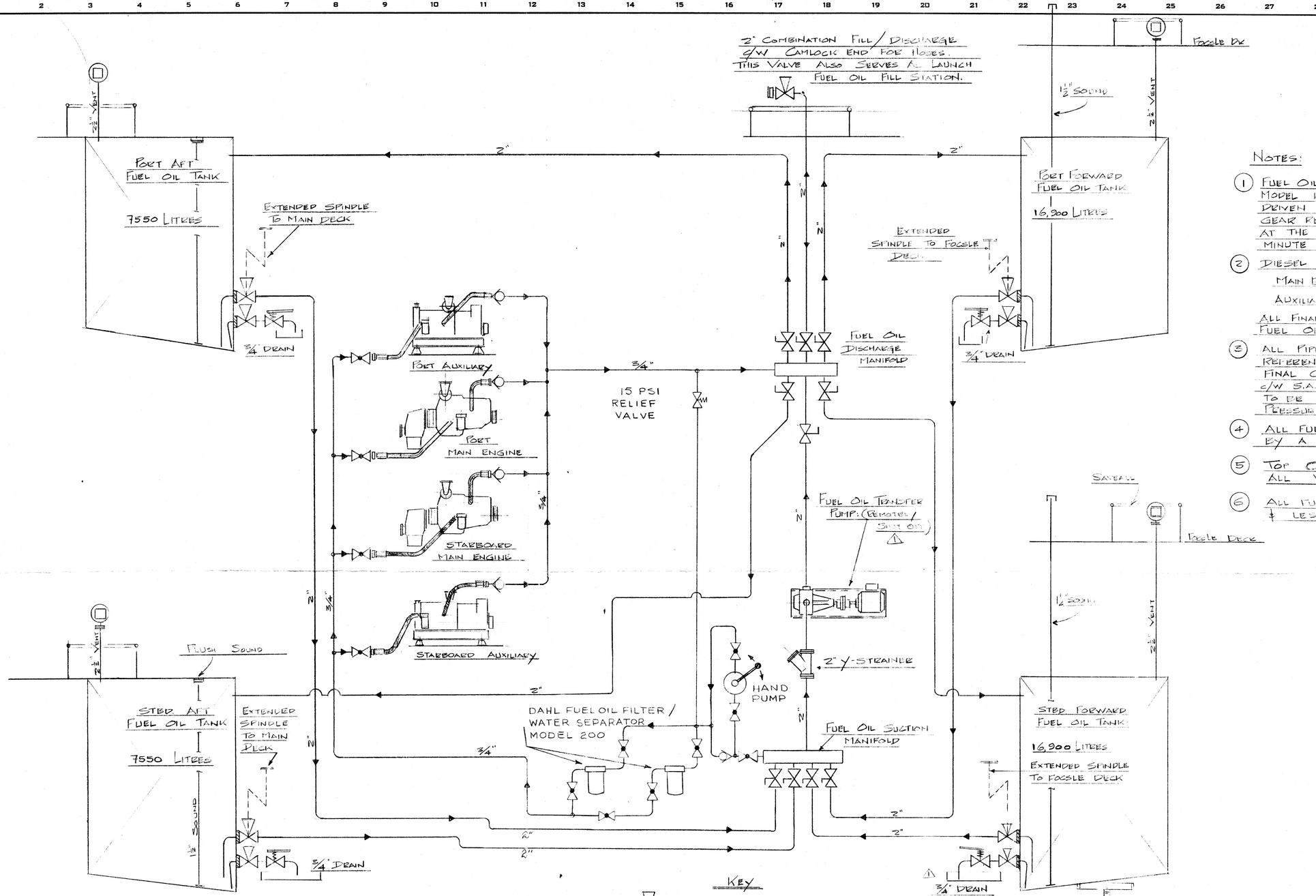


NOTES:

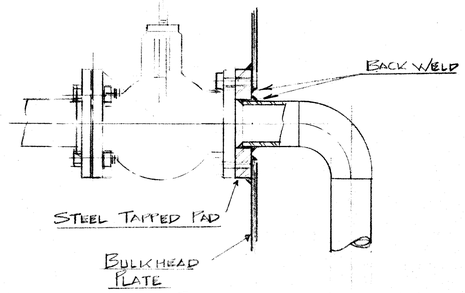
1. FUEL OIL TRANSFER PUMP TO BE PARAMOUNT/ROTO-KING MODEL K4125 HORIZONTAL ROTARY GEAR PUMP. PUMP IS DRIVEN BY A 3 H.P., 1800 R.P.M. ELECTRIC MOTOR THRU A 2.76:1 GEAR REDUCER PRODUCING APPROXIMATELY 640 R.P.M. AT THE PUMP. PUMP CAPACITY TO BE 240 LITRES PER MINUTE AT 1.5 BAR.
2. DIESEL PRIME MOVERS:
   MAIN ENGINE: CATERPILLAR 3406 B - 322 H.P. AT 1800 R.P.M.
   AUXILIARY ENGINE: CATERPILLAR 3306 - 90 kW AT 1200 R.P.M.
   ALL FINAL FUEL OIL FILTRATION VIA ENGINE MOUNTED FUEL OIL FILTERS.
3. ALL PIPING TO BE STEEL SEAMLESS PIPE. REFERENCE: ALLIED SHIPBUILDERS LTD "PIPING STANDARDS". FINAL CONNECTION TO ENGINES TO VIA HYDRAULIC HOSE c/w S.A.E. THREADED END CONNECTIONS. HOSE MATERIAL TO BE SUITABLE FOR WARM FUEL OIL UNDER LOW PRESSURE.
4. ALL FUEL OIL VENTS, FILL STATION TO BE ENCLOSED BY A 0.35 m^3 SAVE ALL.
5. TOP OF FWD. SOUNDS TO BE ABOVE BOTTOM OF ALL VENTS.
6. ALL FUEL OIL HOSES TO BE OF AN APPROVED TYPE & LESS THAN 1 METRE IN LENGTH. △1

AS FITTED

ISSUED
MAY 15 ####

KEY

- GLOBE VALVE
- BUTTERFLY VALVE (VITON SEALS)
- BALL VALVE
- SPRING LOADED DRAIN VALVE
- Y-STRAINER
- CHECK VALVE
- RELIEF VALVE (15 PSI)
- WINEL BALL CHECK VENT



TYPICAL TANK PENETRATION DETAIL

MK	DATE	REVISION
△		
△		
△3	20 FEB 90	CORRECT FOR "AS FITTED" DRAWING
△2	17 AUG. 1989	MISCELLANEOUS REVISIONS
△1	17 AUG 1989	REVISED TO C.C.G. APPROVAL.

ALLIED SHIPBUILDERS LTD.
NORTH VANCOUVER, CANADA

DEPARTMENT OF FISHERIES & OCEANS
OTTAWA, CANADA

HULL 250, "R.B. YOUNG"
FUEL OIL SCHEMATIC

DRAWN BY	C.K.	APPROVED BY	C.C.G. - 15 AUG. 1989
DATE	APRIL 13, 1989	APPROVED BY	D.F.O. 8 SEPT, 1989
SCALE	N.T.S.	APPROVED BY	A.B.S.
DESIGN NO.	921	DRG. NO.	921-201

PSD55-22-90