HEATED FOR FROM GENERATOR

COOLED FOR FROM GENERATOR

COUNTER FLOW PLATE HEAT EXCHANGER

GENERATOR

D/P

D/P

N.O.

N.O.

HIGH EFFICIENCY PARTICULATE AND WATER CAPTURE FILTER ASSEMBLY WITH 25 PSI INTERNAL BYPASS

N.C.

7-10 GPM

10 PSI BACKPRESSURE VALVE

FOS TO GENERATOR

7-10 GPM

ANTI-SIPHON VALVE AS NEEDED

0-3 GPM

INLET Y-STRAINER

INTERNAL FLOAT ASSEMBLY

MAIN FUEL STORAGE TANK

10 GPM CONTINUOUS DUTY POSITIVE DIAPLACEMENT PUMP AND MOTOR ASSEMBLY

CHECK VALVE & 3 GPM FLOW RESTRICTOR

FUEL OIL DAYTANK WITH RUPTURE BASIN

FOS FROM MAIN TANK

KEY:
FOS = FUEL OIL SUPPLY
FOR = FUEL OIL RETURN

CLOUDED PORTION IS OUTSIDE OF SSFS AND INDICATES POINT OF CONNECTION

DIAGRAM OF THE FUEL OIL FLOWPATH THROUGH THE STEADY STATE FUEL DELIVERY SYSTEM

W.P. Durkin, 10.30.24