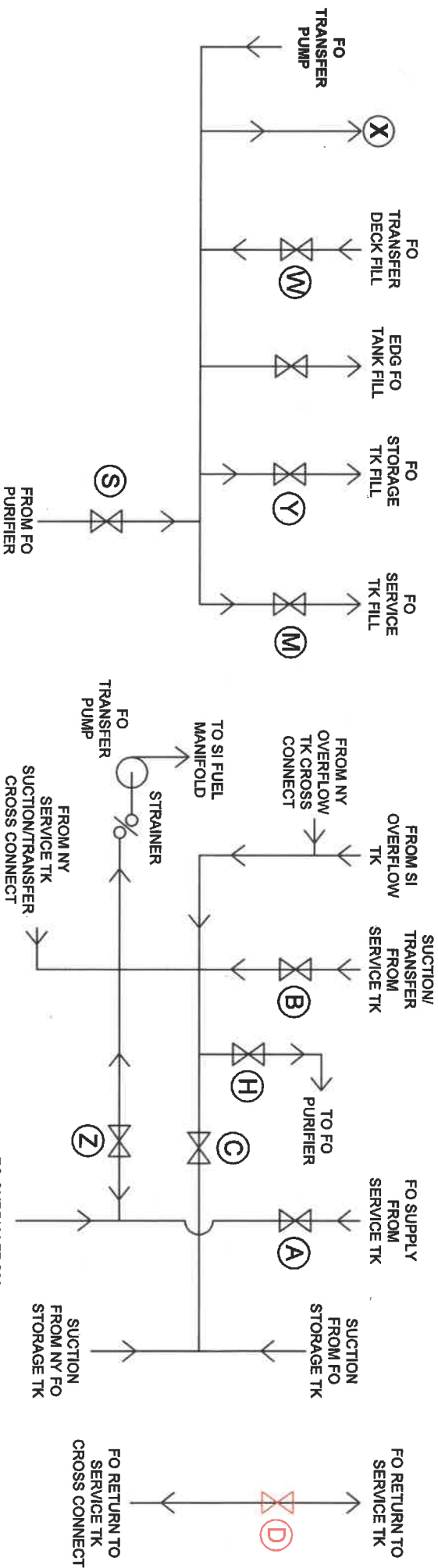


# FUEL OIL MANIFOLD SI (PORT)



\* Valve A - Service Tk supply to Main Engines/SSDGs/Boilers

\* Line X - Fuel flows through this line to NY (STBD) manifold when bunkering - to NY (STBD) storage tk fill or when running purifier - to NY (STBD) service tk fill or transfer pump to either tank

\* Valves W, Y - open when fuelling

\* Valves C, H, S, M - Open when running purifier from storage tk to service tk during normal operation

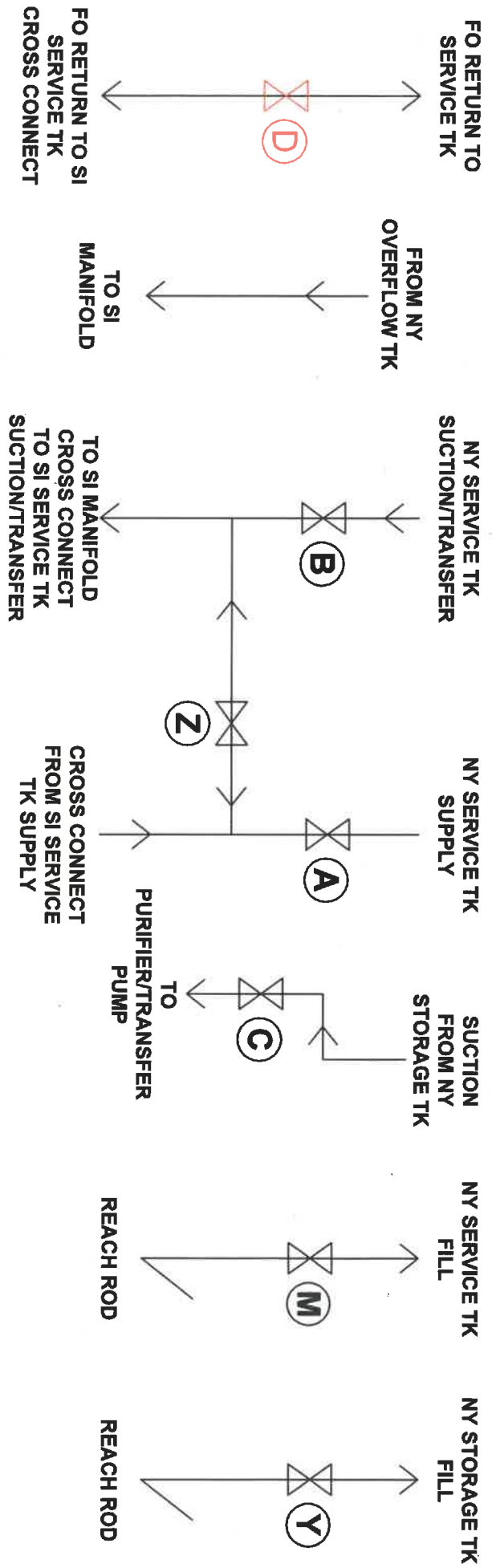
\* Valve B - Suction/Transfer from service tk - cross connected with suction/transfer from NY Service TK. Normally Closed. Used to transfer fuel from FO Service tk to EDG FO tk via FO Transfer pump - purifier is too weak to pump up to EDG tk. EDG FO tk overflows to SI Storage tk

\* Valve Z - Emergency cross over. Normally Closed

\* FO Service tanks overflow to FO Storage Tanks.

\* Valve D - System return valve to Service tank. (Always Open)

# FUEL OIL MANIFOLD NY (STBD)



- \* **Valve A** - Service Tk supply to Main Engines/SDDGs/Boilers
- \* **Valve Y** - open when fueling (Valves W & Y on the 'FUEL OIL MANIFOLD SI (PORT)' drawing need to be opened also)
- \* **Valves C, M** - Open when running purifier from storage tk to service tk during normal operation
- \* **Valve B** - Suction/Transfer from service tk - cross connected with suction/transfer from SI Service TK. Normally Closed.
- \* **Valve Z** - Emergency cross over. Normally Closed
- \* **FO Service tanks overflow to FO Storage Tanks.**
- \* **Valve D** - System return valve to Service tank. (Always Open)