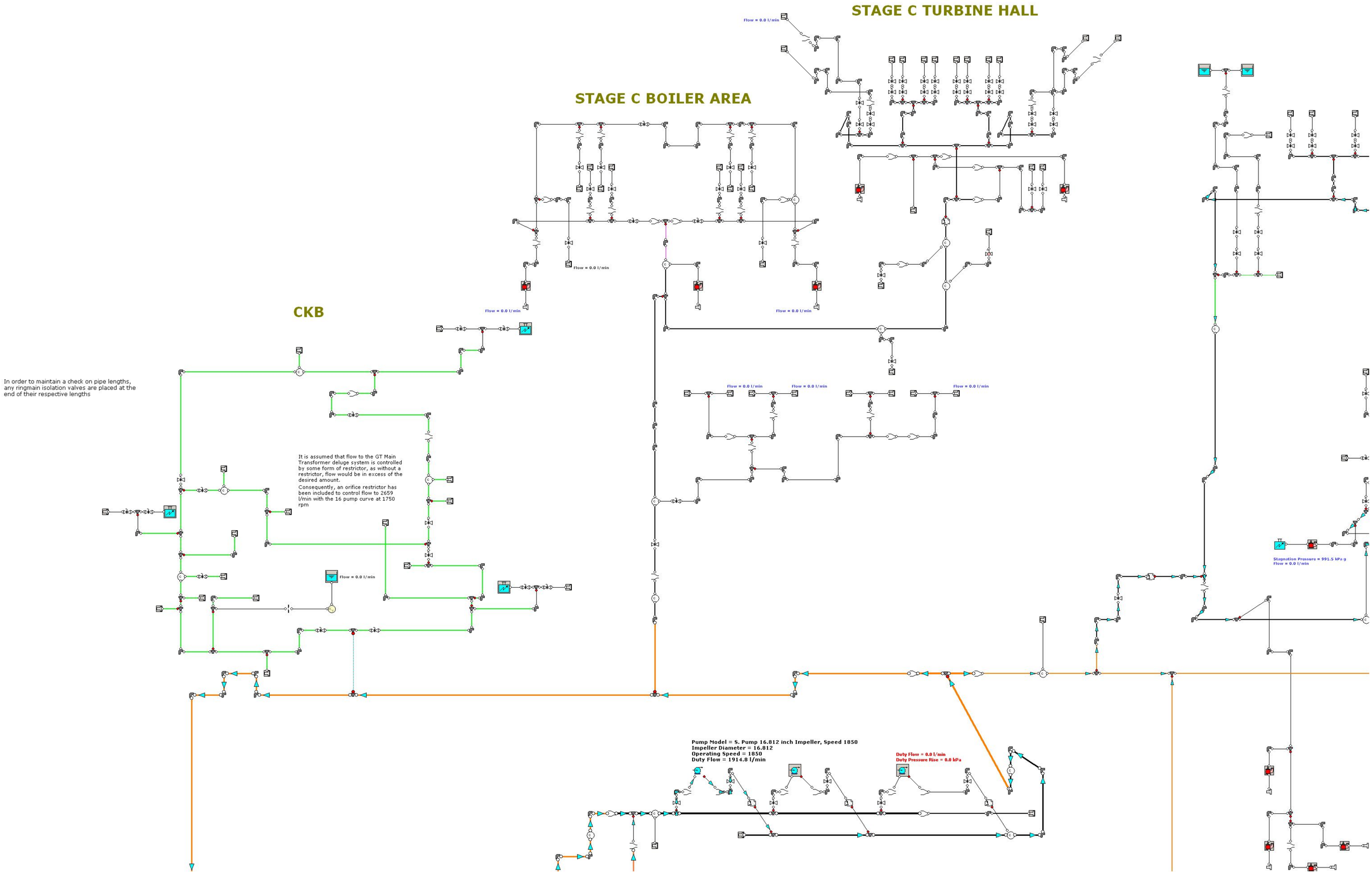
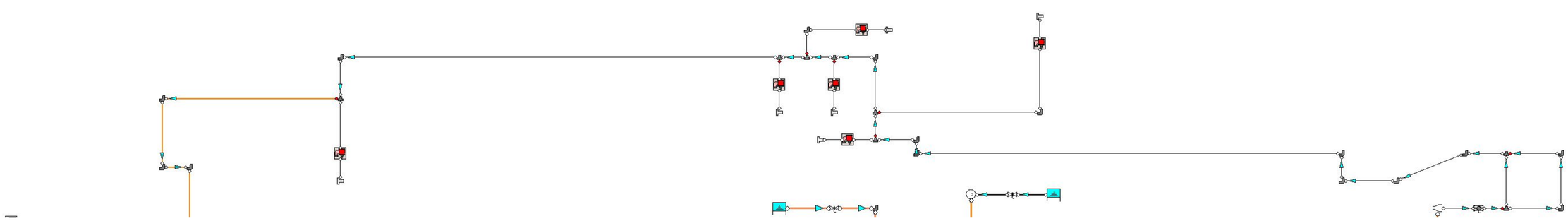

STAGE C TURBINE HALL
STAGE C BOILER AREA
CKB
In order to maintain a check on pipe lengths, any ringmain isolation valves are placed at the end of their respective lengths
It is assumed that flow to the GT Main Transformer deluge system is controlled by some form of restrictor, as without a restrictor, flow would be in excess of the desired amount.
Consequently, an orifice restrictor has been included to control flow to 2659 l/min with the 16 pump curve at 1750 rpm
Flow = 0.0 l/min
Pump Model = S. Pump 16.812 inch Impeller, Speed 1850
Impeller Diameter = 16.812
Operating Speed = 1850
Duty Flow = 1914.8 l/min
Duty Flow = 0.0 l/min
Duty Pressure Rise = 0.0 kPa
Stagnation Pressure = 991.5 kPa g
Flow = 0.0 l/min



Flow = 10 l/s
Stagnation Pressure = 521.9 kPa g

Flow = 10 l/s
Stagnation Pressure = 530.1 kPa g

STAGE A OIL SURGE

Flow = 58.8 l/min

Flow = 58.8 l/min

Flow = 60.2 l/min

Flow = 60.2 l/min

Flow = 60.2 l/min

Flow = 60.2 l/min

Flow = 0.0 l/min

Flow = 1913.8 l/min

Deluge Valve

Flow = 0.0 l/min

STAGE B OIL SURGE

STAGE A TURBINE HALL

STAGE B TURBINE HALL

STAGE A GROUND LEVEL

Flow = 0.0 l/min

Flow = 0.0 l/min

Stagnation Pressure = 997.5 kPa g
Flow = 0.0 l/min

Flow = 0.0 l/min

Flow = 0.0 l/min

STAGE B GROUND LEVEL
BOILER AREA

Flow = 0.0 l/min

Flow = 0.0 l/min

Flow = 0.0 l/min

Flow = 0.0 l/min