

Schematic Drawing

Royal Armouries Museum

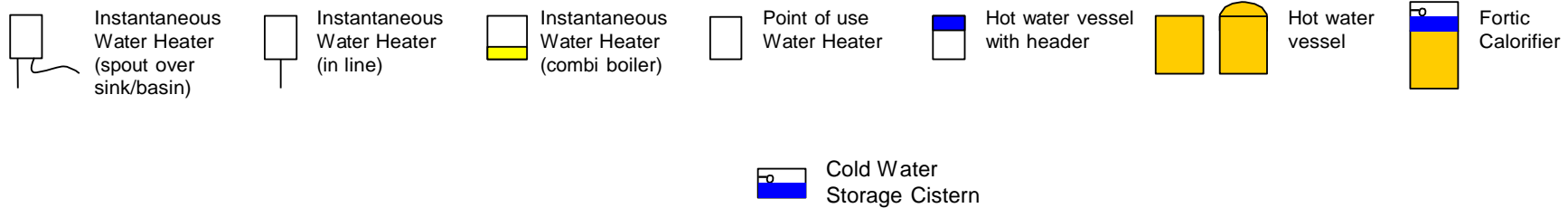
Site Name: National Museum of Arms and Armour

Drawing Key:

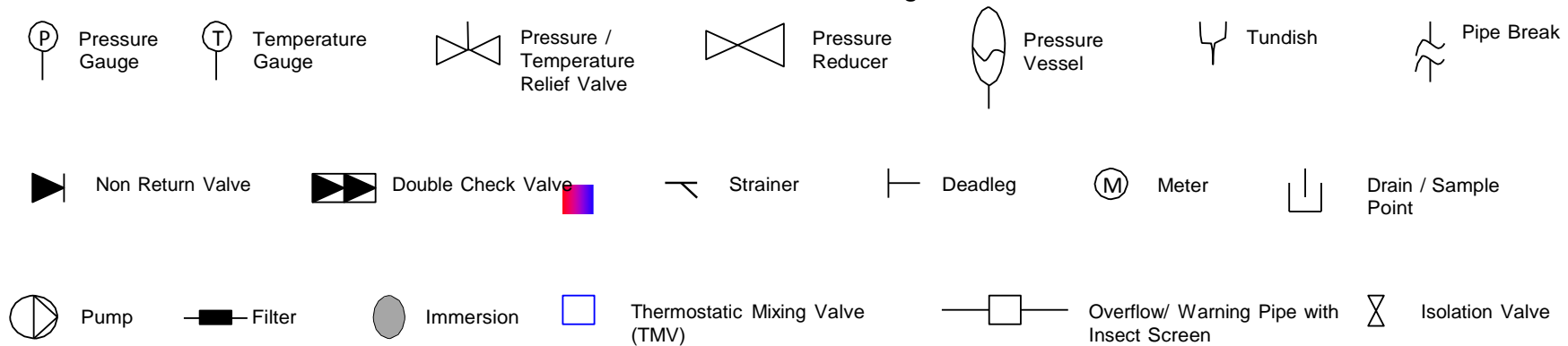
Water Supply:



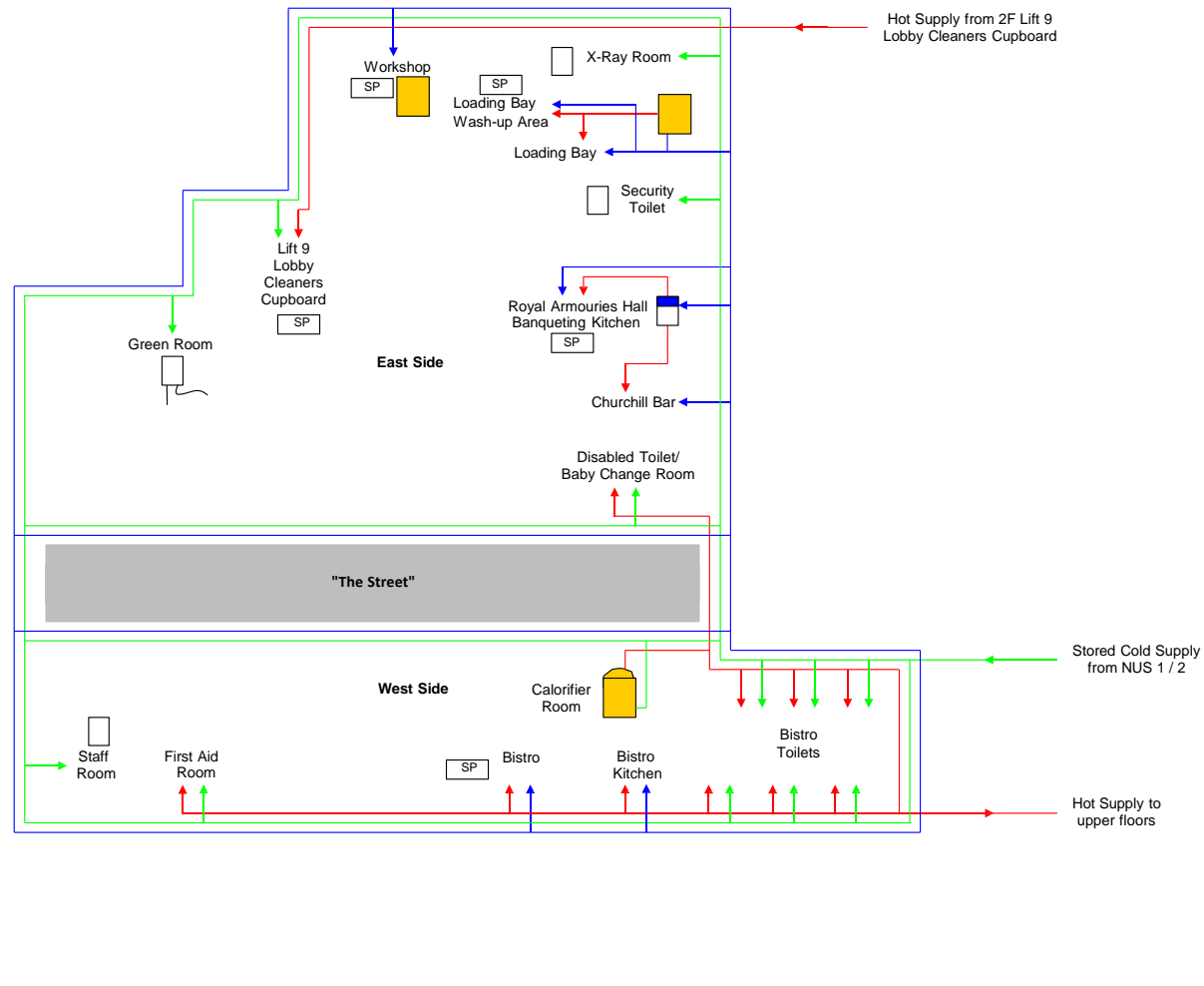
Hot water and stored water services:



Miscellaneous Fittings:



Main Building - Ground Floor



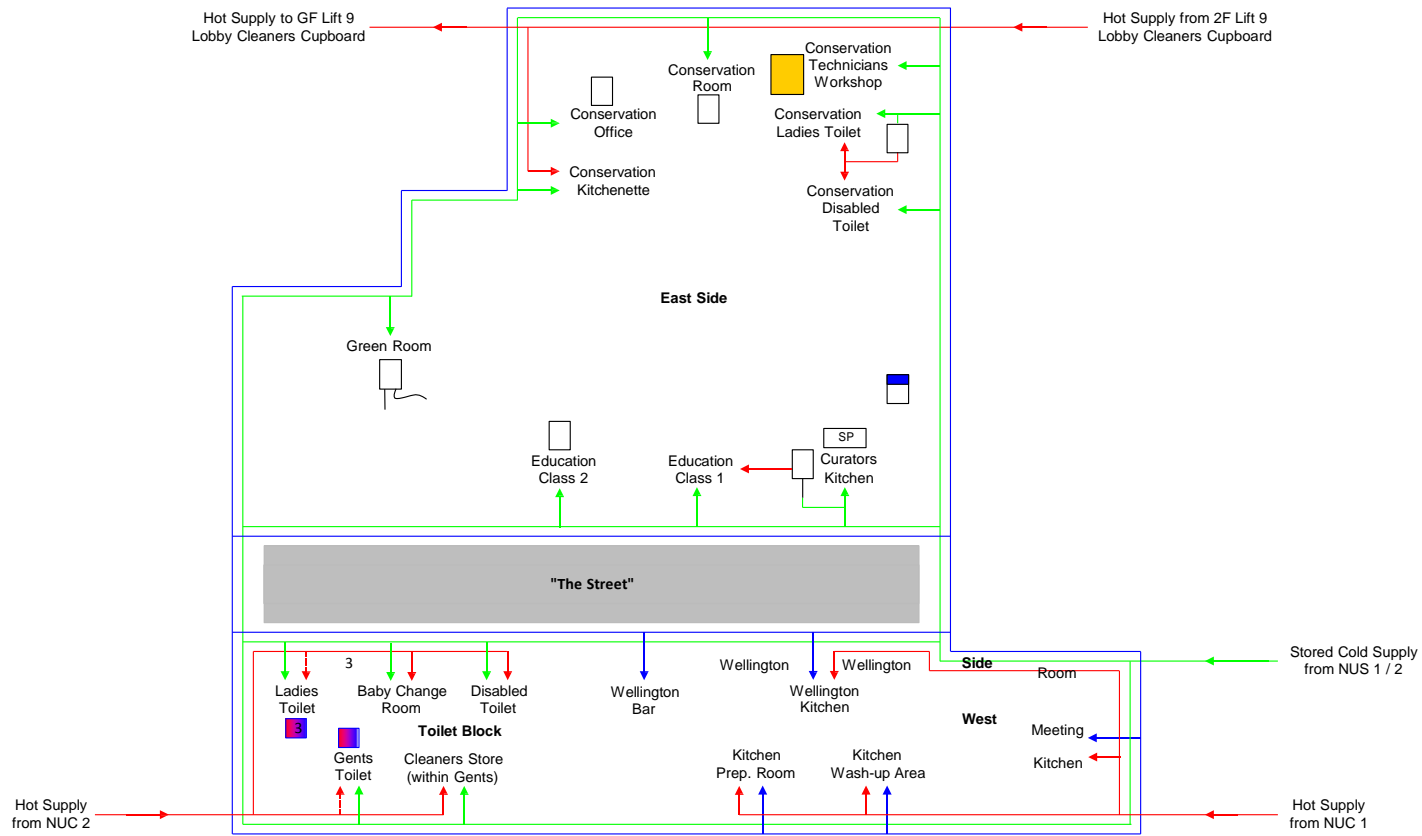
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Hot water vessel with header cistern
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Blended Hot Water
- Rising Main
- Sentinel Point

Main Building - First Floor

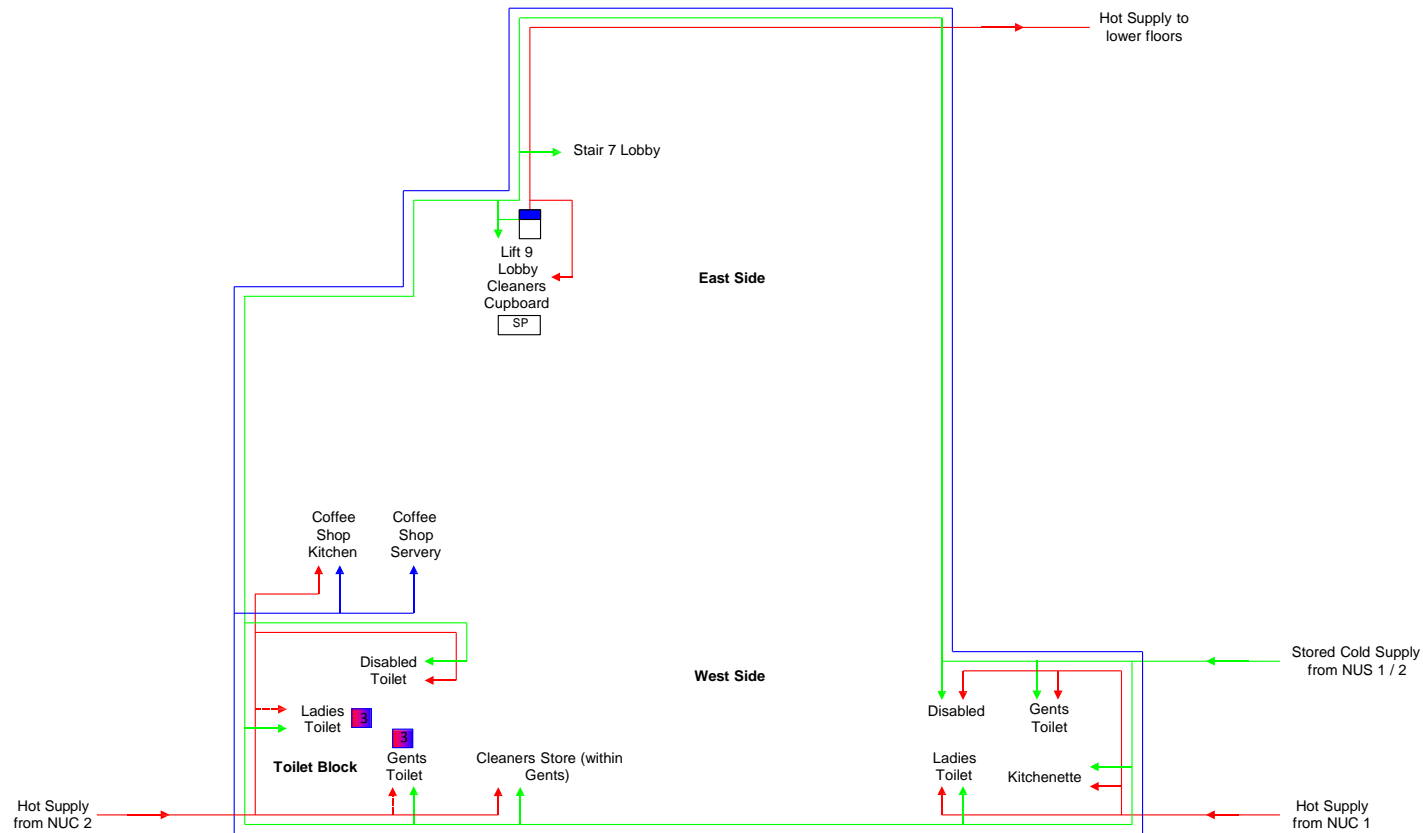


Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Hot water vessel with header cistern
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

Main Building - Second Floor



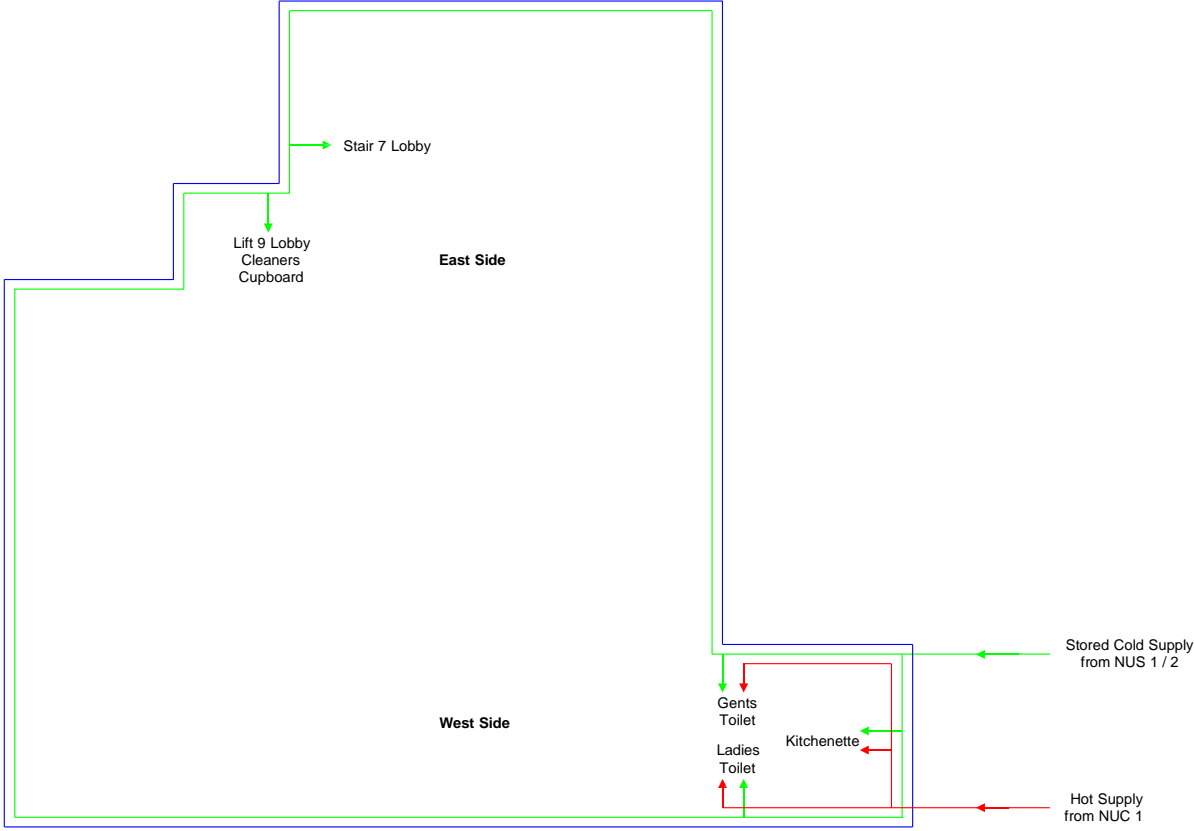
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Hot water vessel with header cistern
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Stored Cold Water
- Hot Water
- Blended Hot Water
- Sentinel Point

Main Building - Third Floor



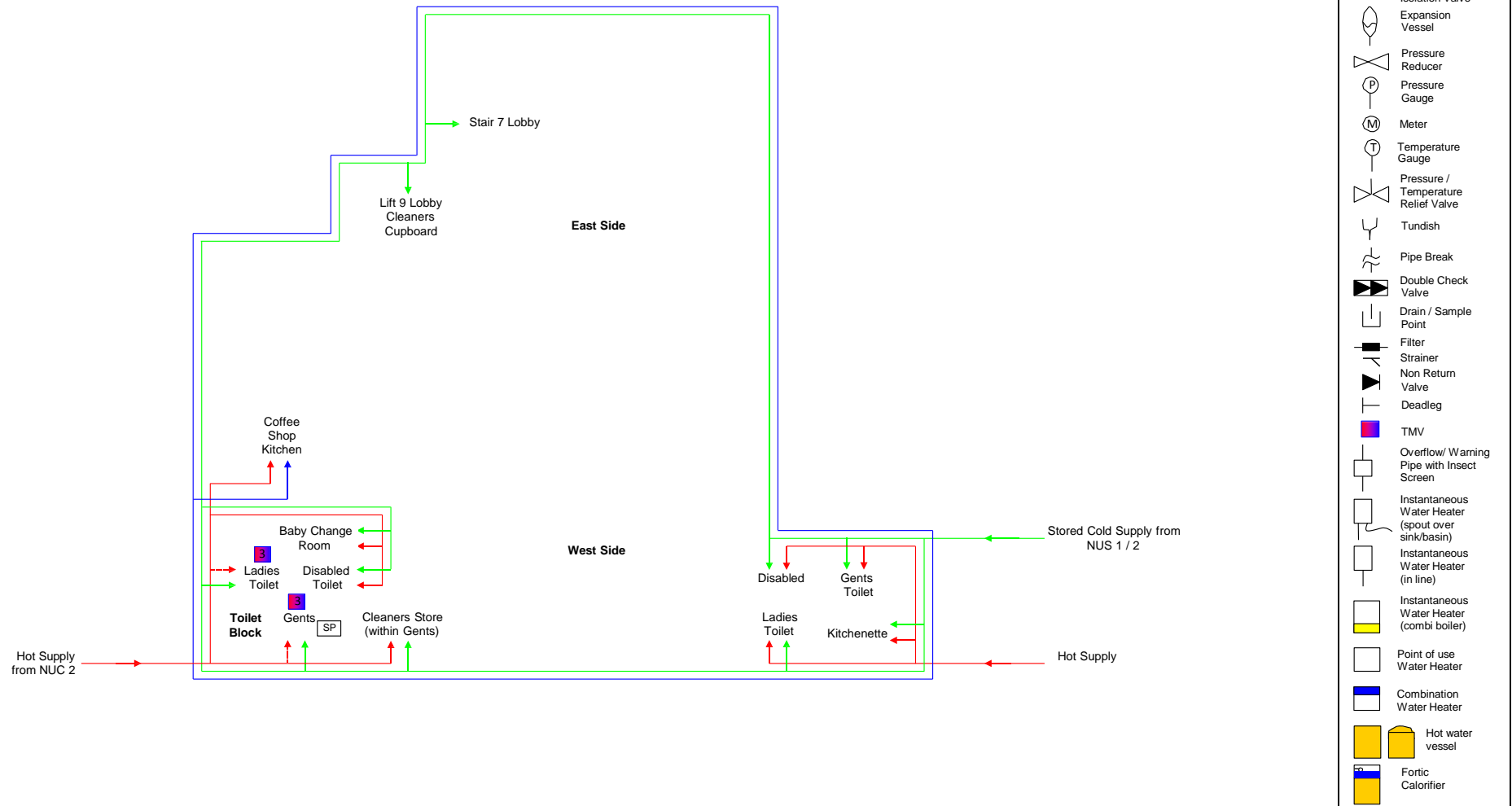
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Combination Water Heater
- Hot water vessel
- Fortic Calorifier

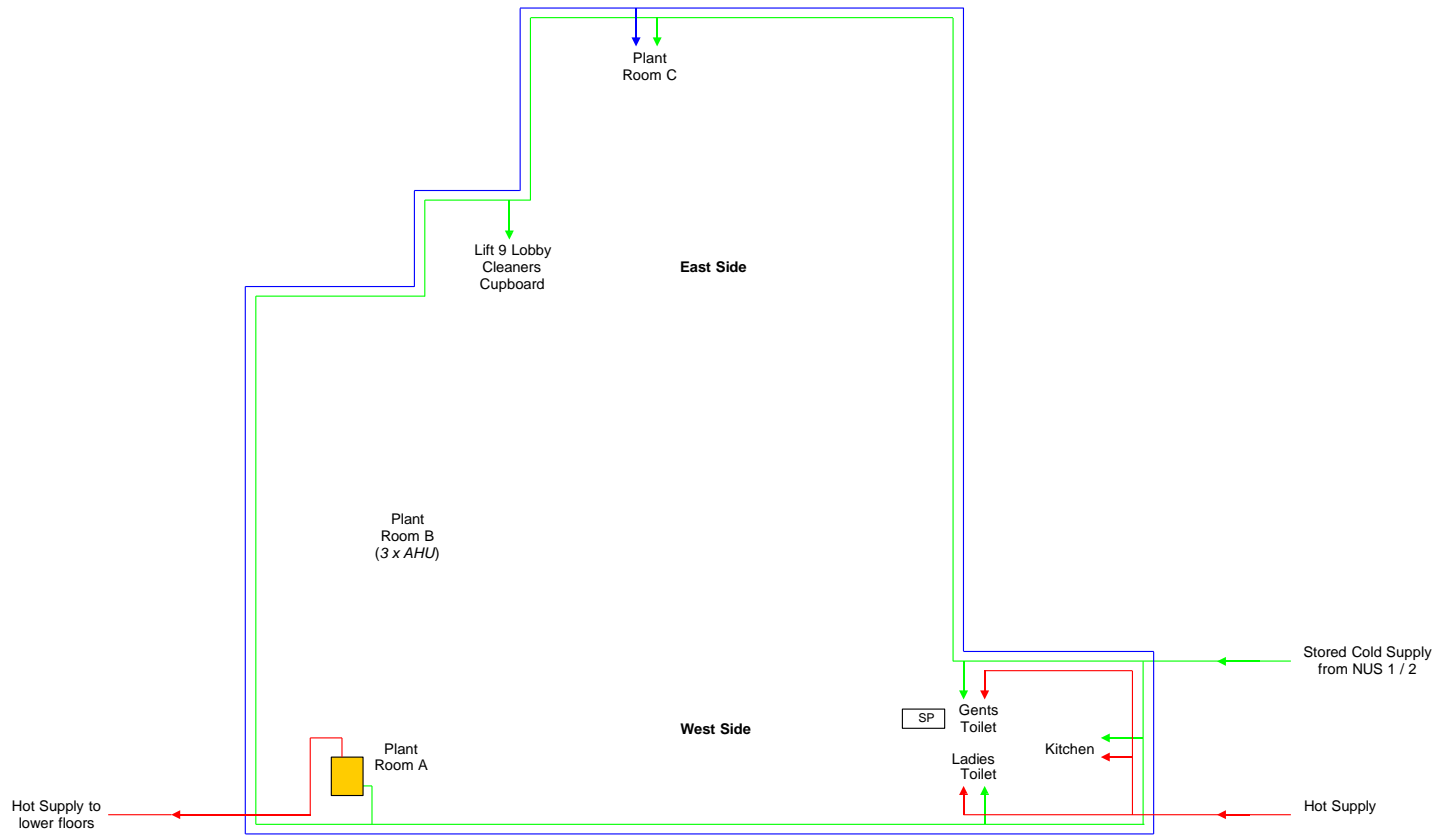
Water Supply Key:

- Mains Cold Water
- Rising Main
- Stored Cold Water
- Sentinel Point
- Hot Water
- Blended Hot Water

Main Building - Fourth Floor



Main Building - Fifth Floor



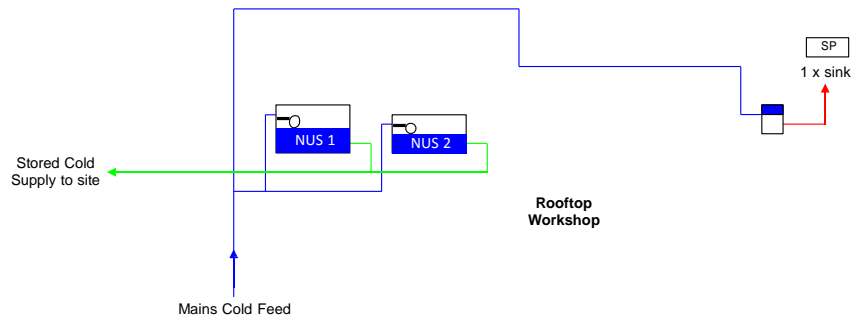
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Combination Water Heater
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Rising Main
- Sentinel Point
- Blended Hot Water

Main Building - Rooftop



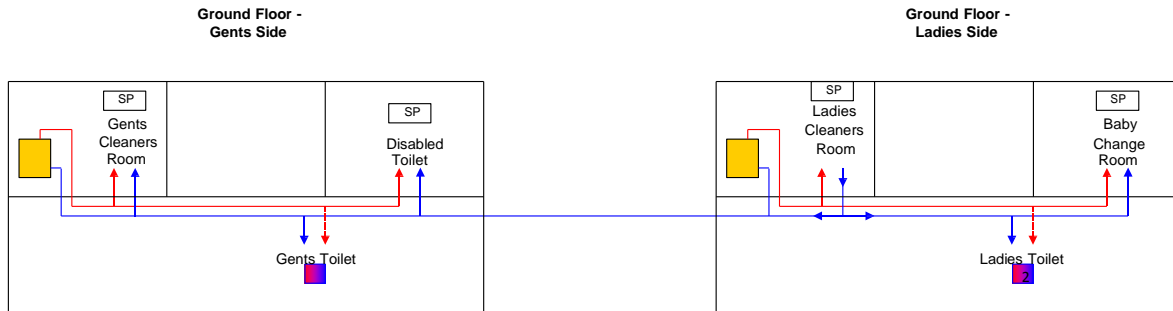
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Hot water vessel with header cistern
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Rising Main
- Sentinel Point
- Blended Hot Water

Tiltyard Area



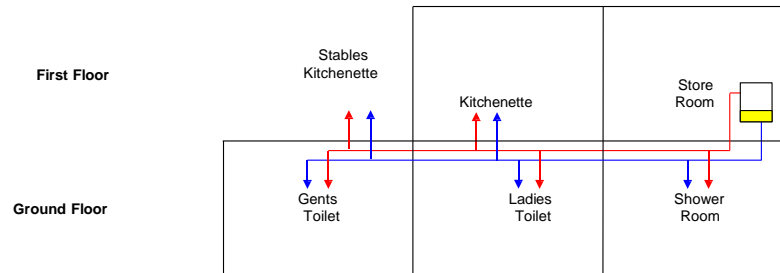
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Combination Water Heater
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Stored Cold Water
- Hot Water
- Blended Hot Water
- Sentinel Point

Craft Court and Stables Area



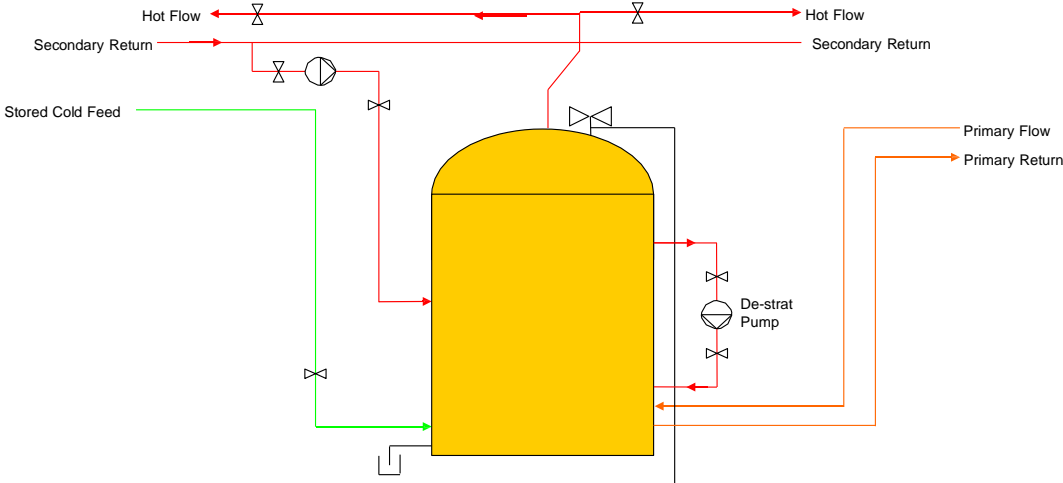
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Combination Water Heater
- Hot water vessel
- Fortic Calorifier

Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Rising Main
- Sentinel Point
- Blended Hot Water

Ground Floor - West Side **Calorifier Room (NUC 1)**



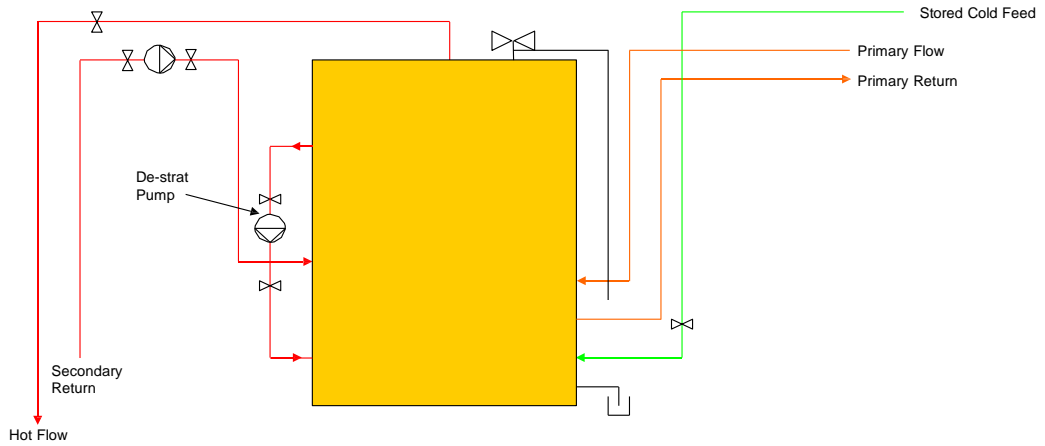
Fittings

- Key:**
- Immersion
 - Pump
 - Isolation Valve
 - Expansion Vessel
 - Pressure Reducer
 - Pressure Gauge
 - Meter
 - Temperature Gauge
 - Pressure / Temperature Relief Valve
 - Tundish
 - Pipe Break
 - Double Check Valve
 - Drain / Sample Point
 - Filter Strainer
 - Non Return Valve
 - Deadleg
 - TMV
 - Overflow/ Warning Pipe with Insect Screen
 - Instantaneous Water Heater (spout over sink/basin)
 - Instantaneous Water Heater (in line)
 - Instantaneous Water Heater (combi boiler)
 - Point of use Water Heater
 - Combination Water Heater
 - Hot water vessel
 - Fortic Calorifier

Water Supply Key:

- Stored Cold Water
- Hot Water
- Blended Hot Water
- SP Sentinel Point

Fifth Floor - West Side Plant Room A (NUC 2)



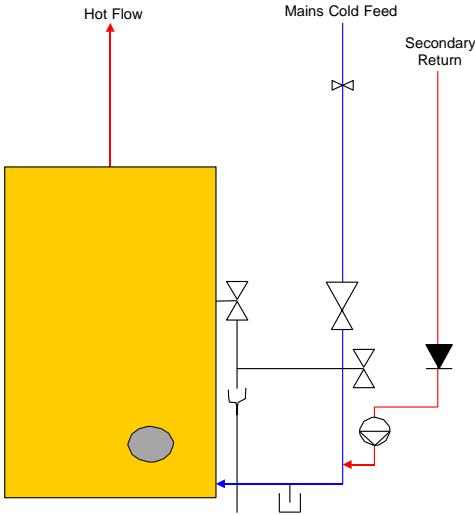
Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Instantaneous Water Heater (spout over sink/basin)
- Instantaneous Water Heater (in line)
- Instantaneous Water Heater (combi boiler)
- Point of use Water Heater
- Combination Water Heater
- Hot water vessel
- Fortic Calorifier



























Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Rising Main
- Sentinel Point
- Blended Hot Water







**Tiltyard Area - Ground Floor Gents
Cleaners Room (NUC 3)**



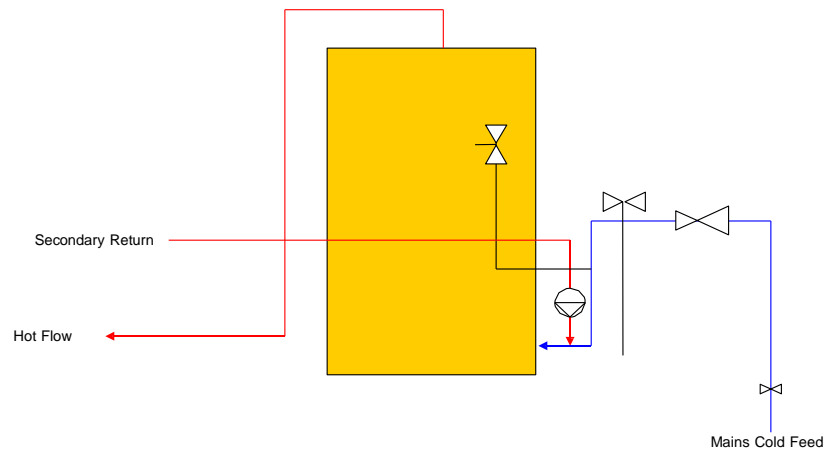
Fittings Key:

-  Immersion
-  Pump
-  Isolation Valve
-  Expansion Vessel
-  Pressure Reducer
-  Pressure Gauge
-  Meter
-  Temperature Gauge
-  Pressure / Temperature Relief Valve
-  Tundish
-  Pipe Break
-  Double Check Valve
-  Drain / Sample Point
-  Filter
-  Strainer
-  Non Return Valve
-  Deadleg
-  TMV
-  Overflow/ Warning Pipe with Insect Screen
-  Instantaneous Water Heater (spout over sink/basin)
-  Instantaneous Water Heater (in line)
-  Instantaneous Water Heater (combi boiler)
-  Point of use Water Heater
-  Combination Water Heater
-  Hot water vessel
-  Fortic Calorifier



























Water Supply Key:

-  Mains Cold Water
-  Rising Main
-  Stored Cold Water
-  Sentinel Point
-  Hot Water
-  Blended Hot Water







Tiltyard Area - Ground Floor
Ladies Cleaners Room (NUC 4)



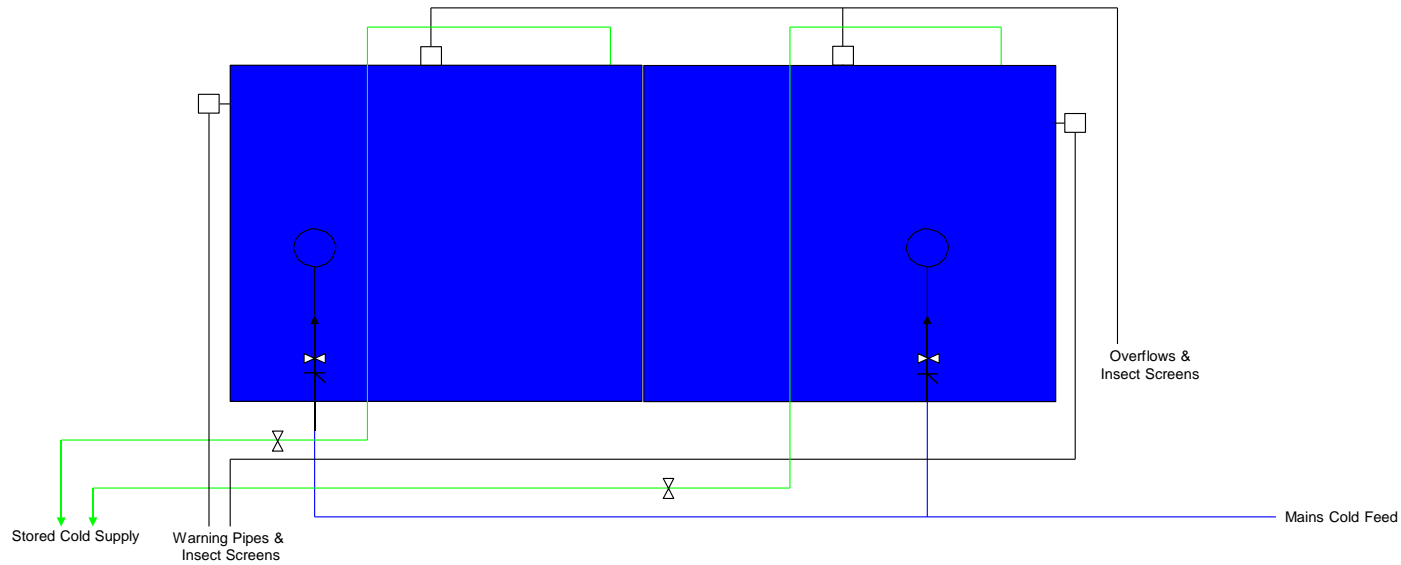
Fittings Key:

-  Immersion
-  Pump
-  Isolation Valve
-  Expansion Vessel
-  Pressure Reducer
-  Pressure Gauge
-  Meter
-  Temperature Gauge
-  Pressure / Temperature Relief Valve
-  Tundish
-  Pipe Break
-  Double Check Valve
-  Drain / Sample Point
-  Filter
-  Strainer
-  Non Return Valve
-  Deadleg
-  TMV
-  Overflow/ Warning Pipe with Insect Screen
-  Instantaneous Water Heater (spout over sink/basin)
-  Instantaneous Water Heater (in line)
-  Instantaneous Water Heater (combi boiler)
-  Point of use Water Heater
-  Combination Water Heater
-  Hot Water Vessel
-  Fortic Calorifier
























Water Supply Key:

-  Mains Cold Water
-  Stored Cold Water
-  Hot Water
-  Rising Main
-  Sentinel Point
-  Blended Hot Water







Rooftop Workshop **(NUS 1/NUS 2)**



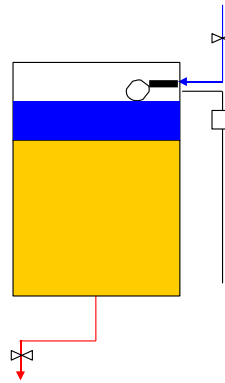
Fittings Key:

-  Immersion
-  Pump
-  Isolation Valve
-  Expansion Vessel
-  Pressure Reducer
-  Pressure Gauge
-  Meter
-  Temperature Gauge
-  Pressure / Temperature Relief Valve
-  Tundish
-  Pipe Break
-  Double Check Valve
-  Drain / Sample Point
-  Filter Strainer
-  Non Return Valve
-  Deadleg
-  TMV
-  Overflow/ Warning Pipe with Insect Screen
-  Combi Boiler
-  Water Heater 15 litres or less
-  Hot Water Vessel 16 litres or more
-  Hot Water Vessel with Header Cistern
-  Cold Water Storage Cistern

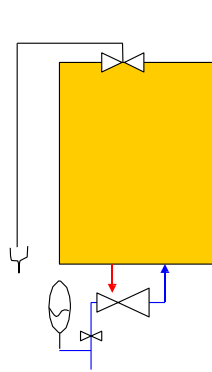
Water Supply Key:

-  Mains Cold Water
-  Stored Cold Water
-  Hot Water
-  Rising Main
-  Sentinel Point
-  Blended Hot Water

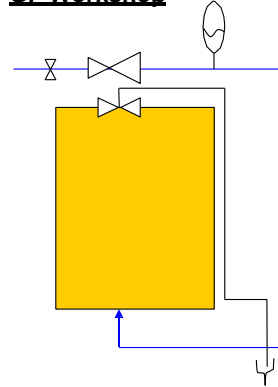
Banqueting Hall Kitchen



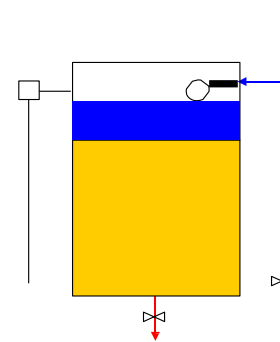
Loading Bay



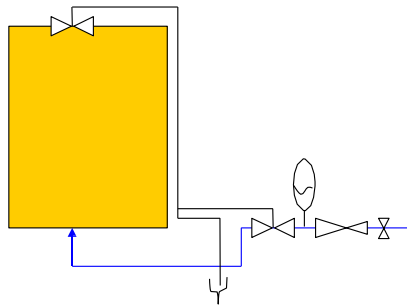
GF Workshop



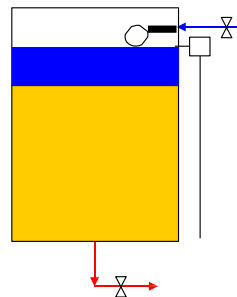
1F Curators Kitchen



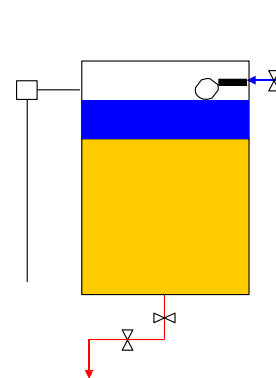
Conservation Technicians Workshop



2F Cleaners Room



Rooftop Workshop



Fittings Key:

- Immersion
- Pump
- Isolation Valve
- Expansion Vessel
- Pressure Reducer
- Pressure Gauge
- Meter
- Temperature Gauge
- Pressure / Temperature Relief Valve
- Tundish
- Pipe Break
- Double Check Valve
- Drain / Sample Point
- Filter
- Strainer
- Non Return Valve
- Deadleg
- TMV
- Overflow/ Warning Pipe with Insect Screen
- Combi Boiler
- Water Heater 15 litres or less
- Hot Water Vessel 16 litres or more
- Hot Water Vessel with Header Cistern
- Cold Water Storage Cistern

Water Supply Key:

- Mains Cold Water
- Stored Cold Water
- Hot Water
- Rising Main
- Sentinel Point
- Blended Hot Water