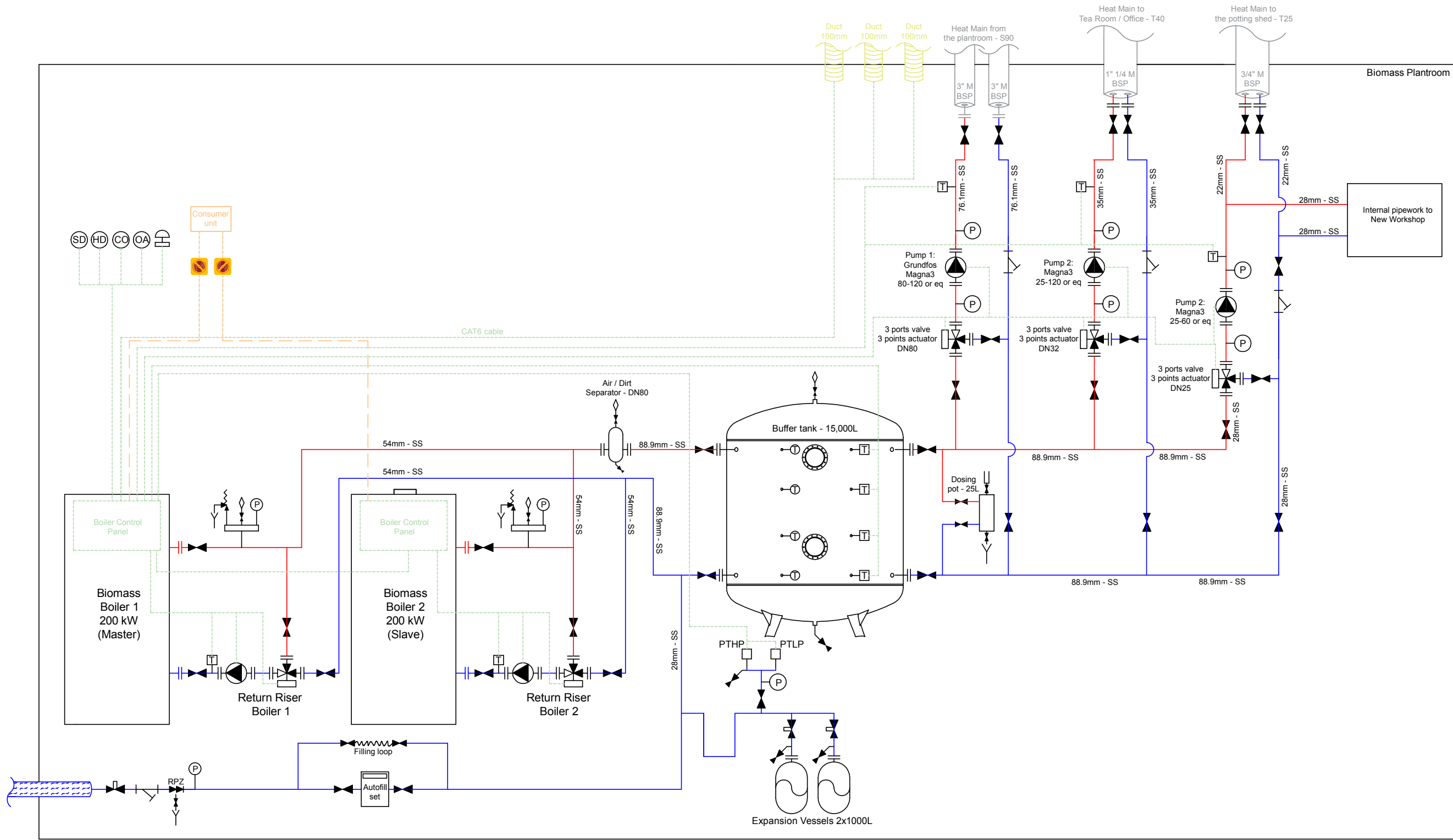


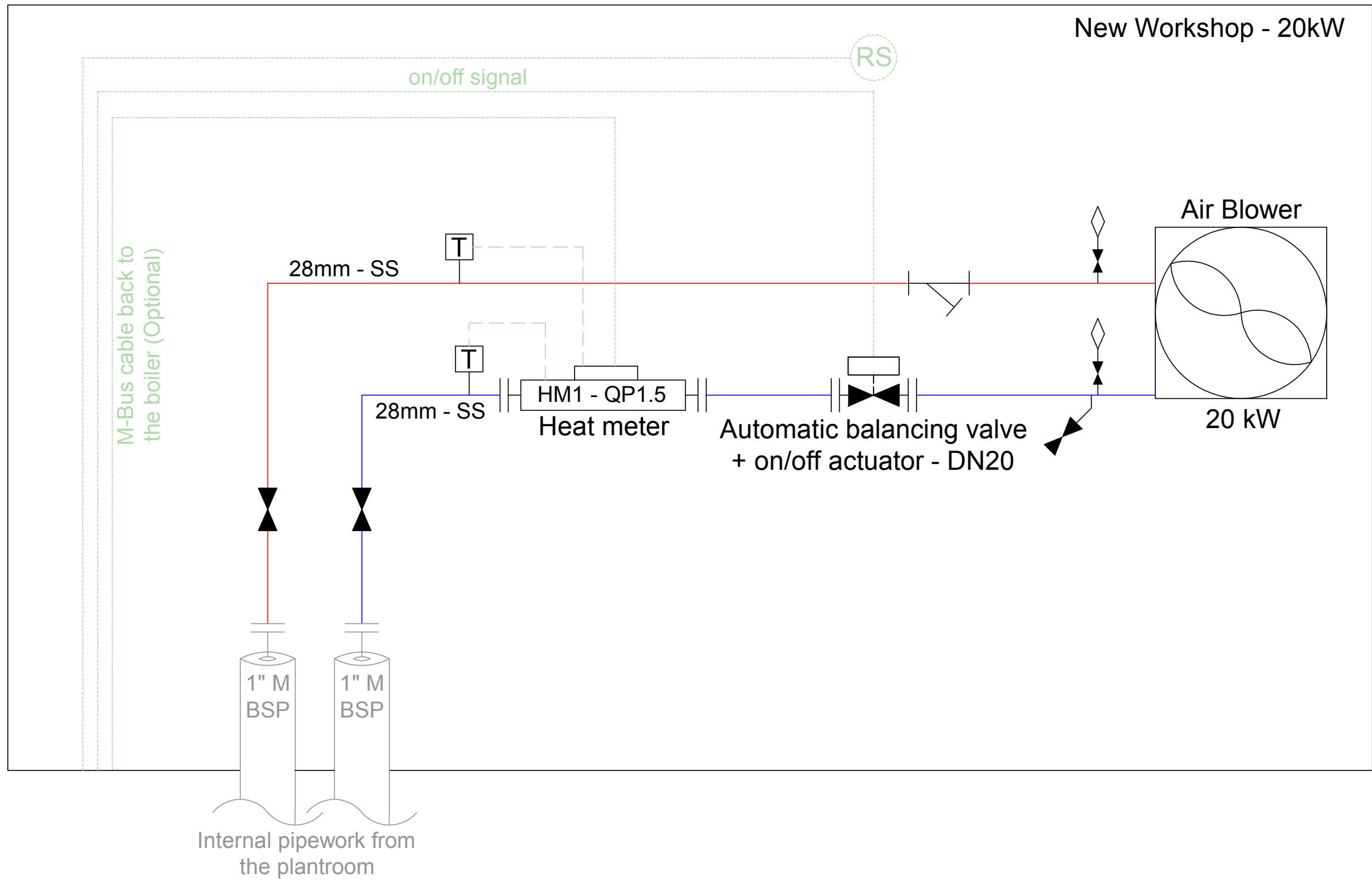
Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Plantroom
Date	04/12/2018
Project	Thorngrove
Version	1

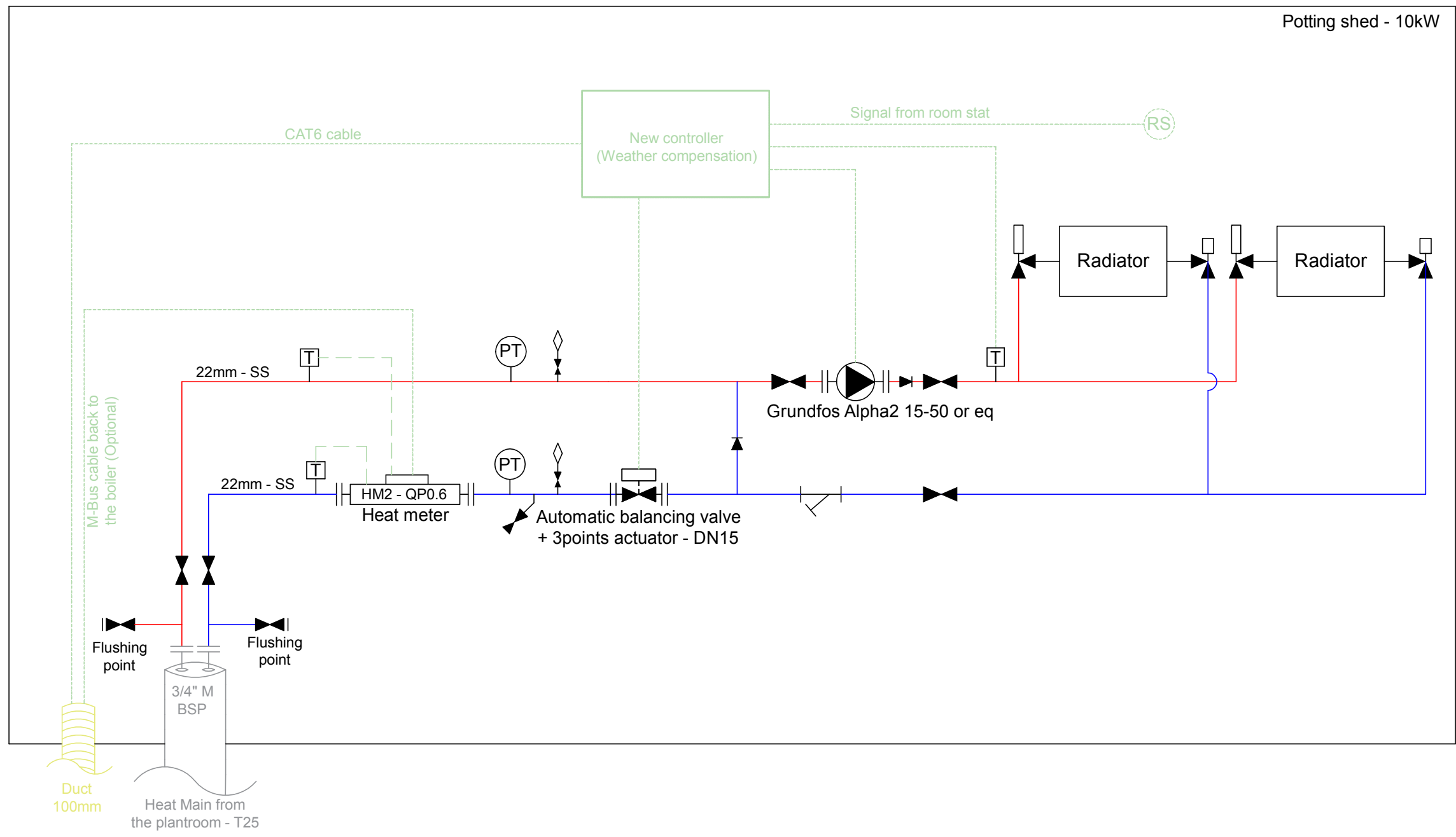
Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	New Workshop
Date	04/12/2018
Project	Thorngrove
Version	1

Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points

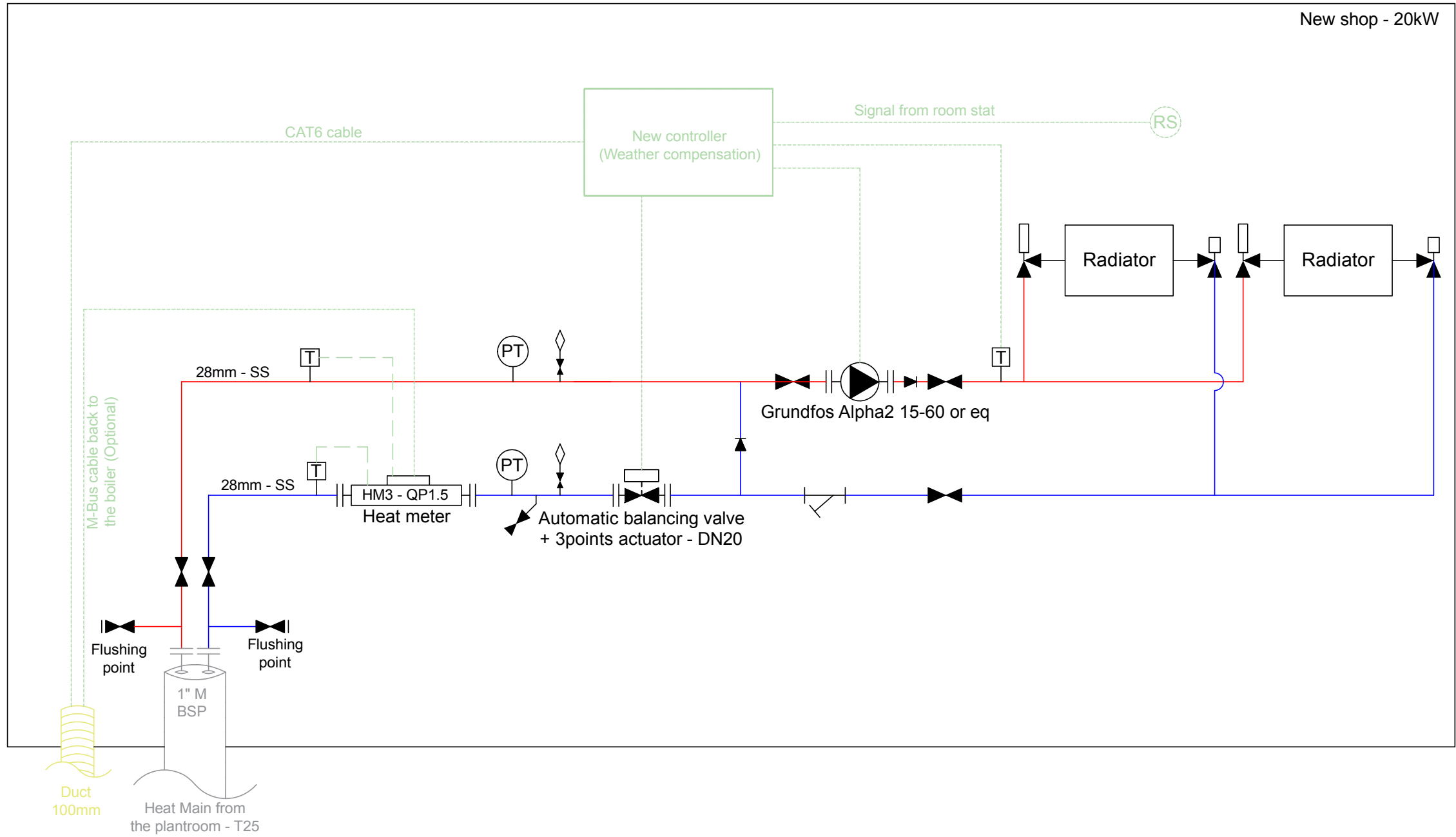


Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Potting Shed
Date	04/12/2018
Project	Thorngrove
Version	1

Note:

1. Drain cocks are to be installed at low level points
2. Air vents are to be installed at high level points

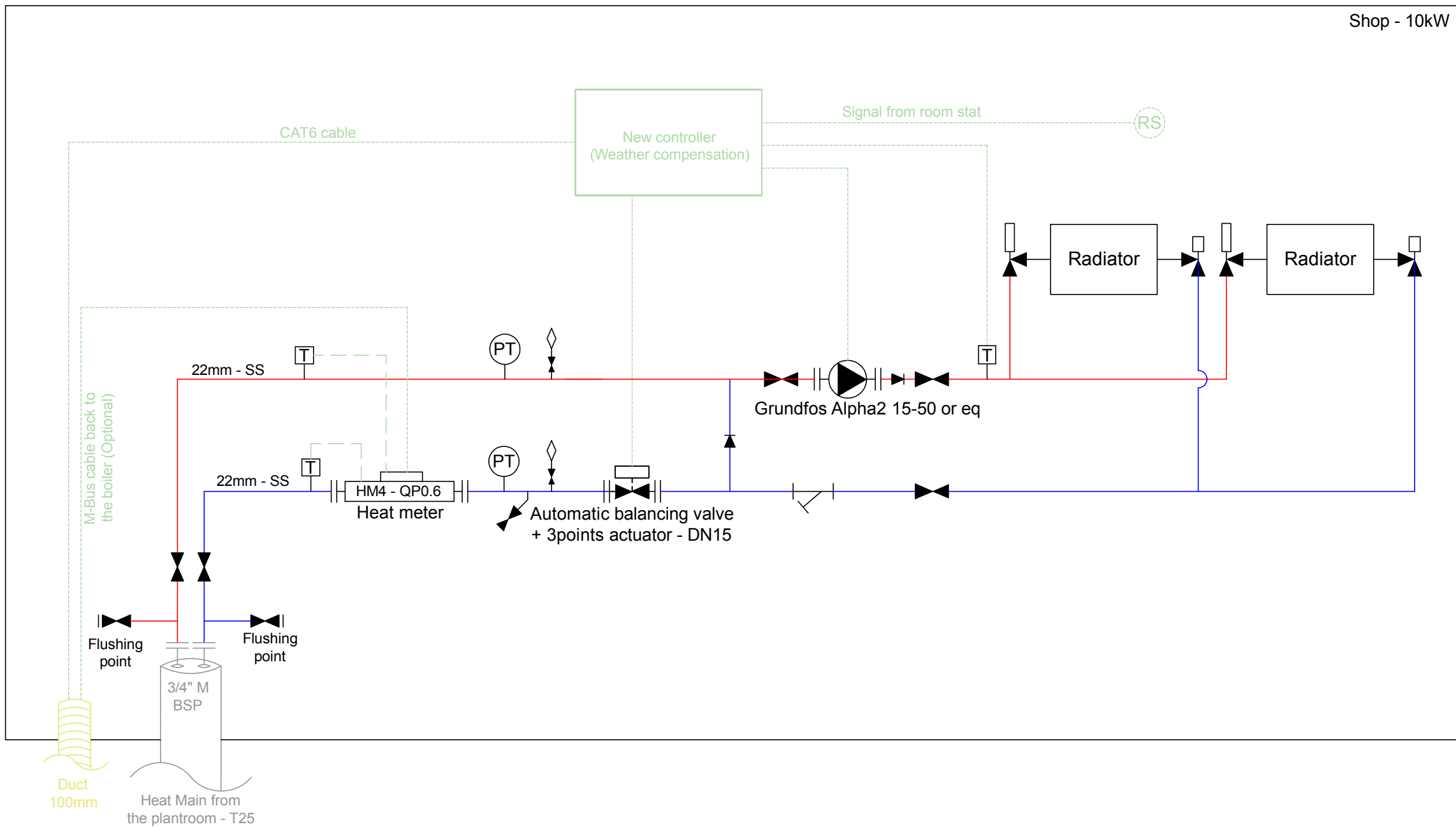


Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	New Shop
Date	04/12/2018
Project	Thorngrove
Version	1

Note:

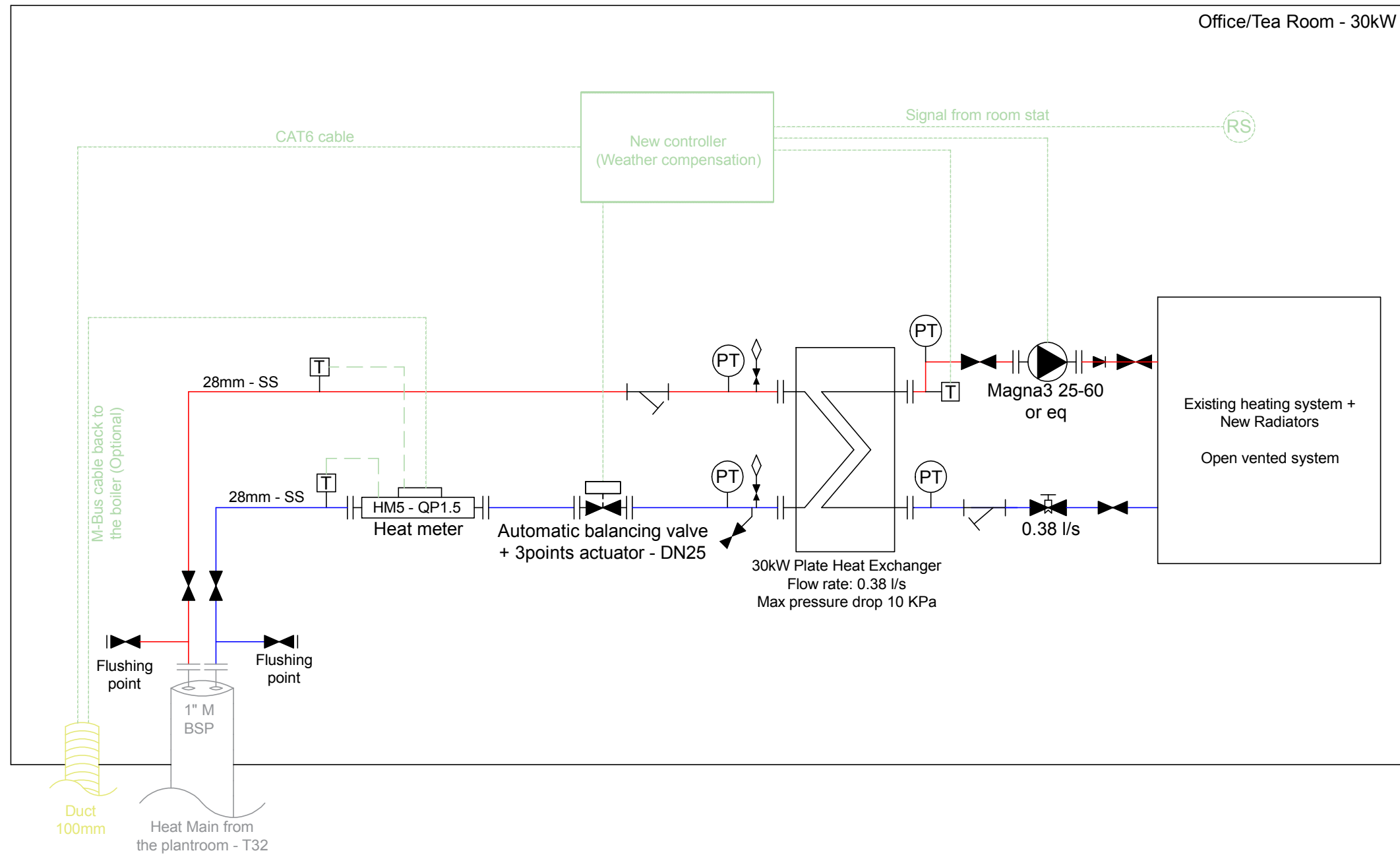
1. Drain cocks are to be installed at low level points
2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Shop
Date	04/12/2018
Project	Thorngrove
Version	1

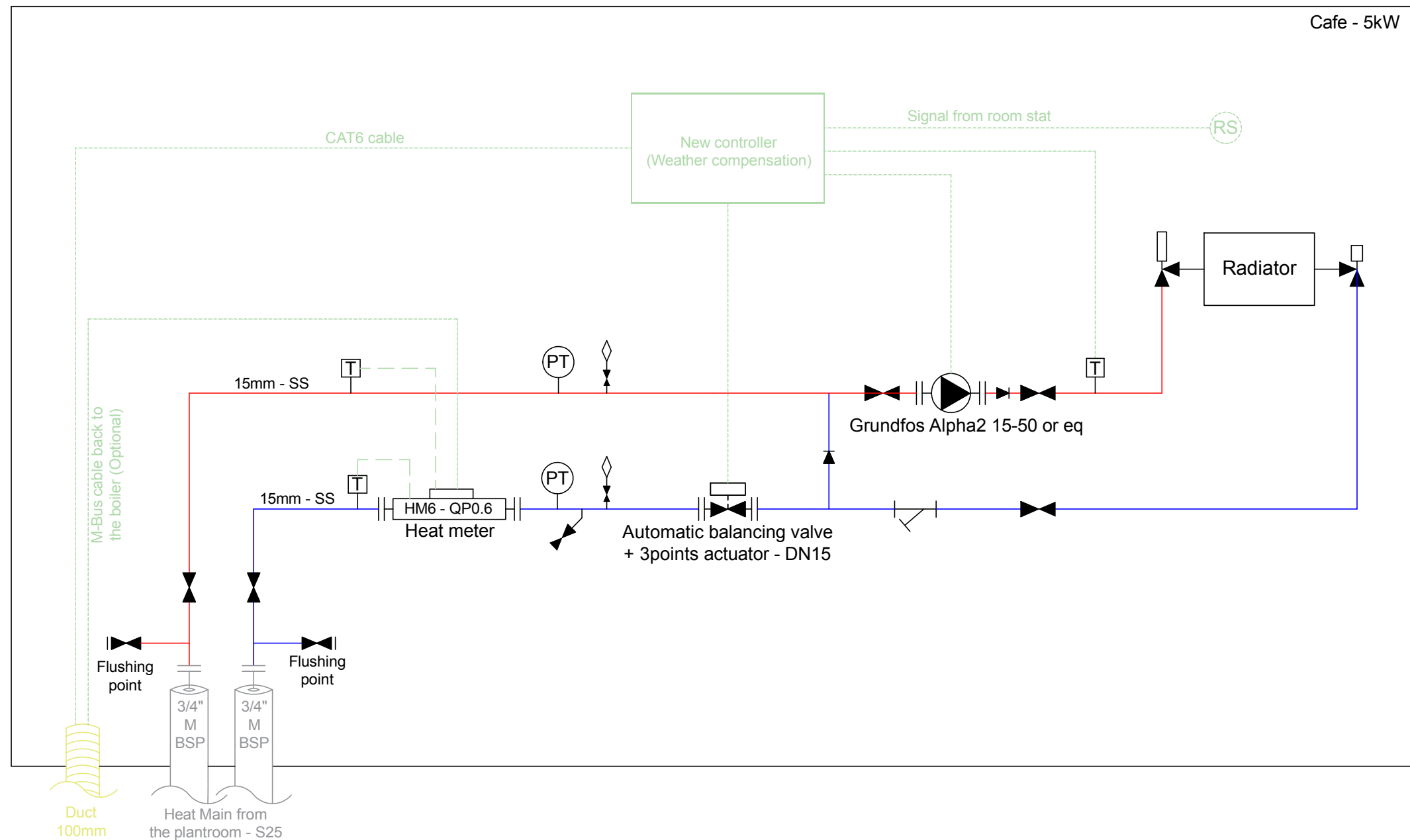
Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Office/Tea Room
Date	04/12/2018
Project	Thorngrove
Version	1

Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points

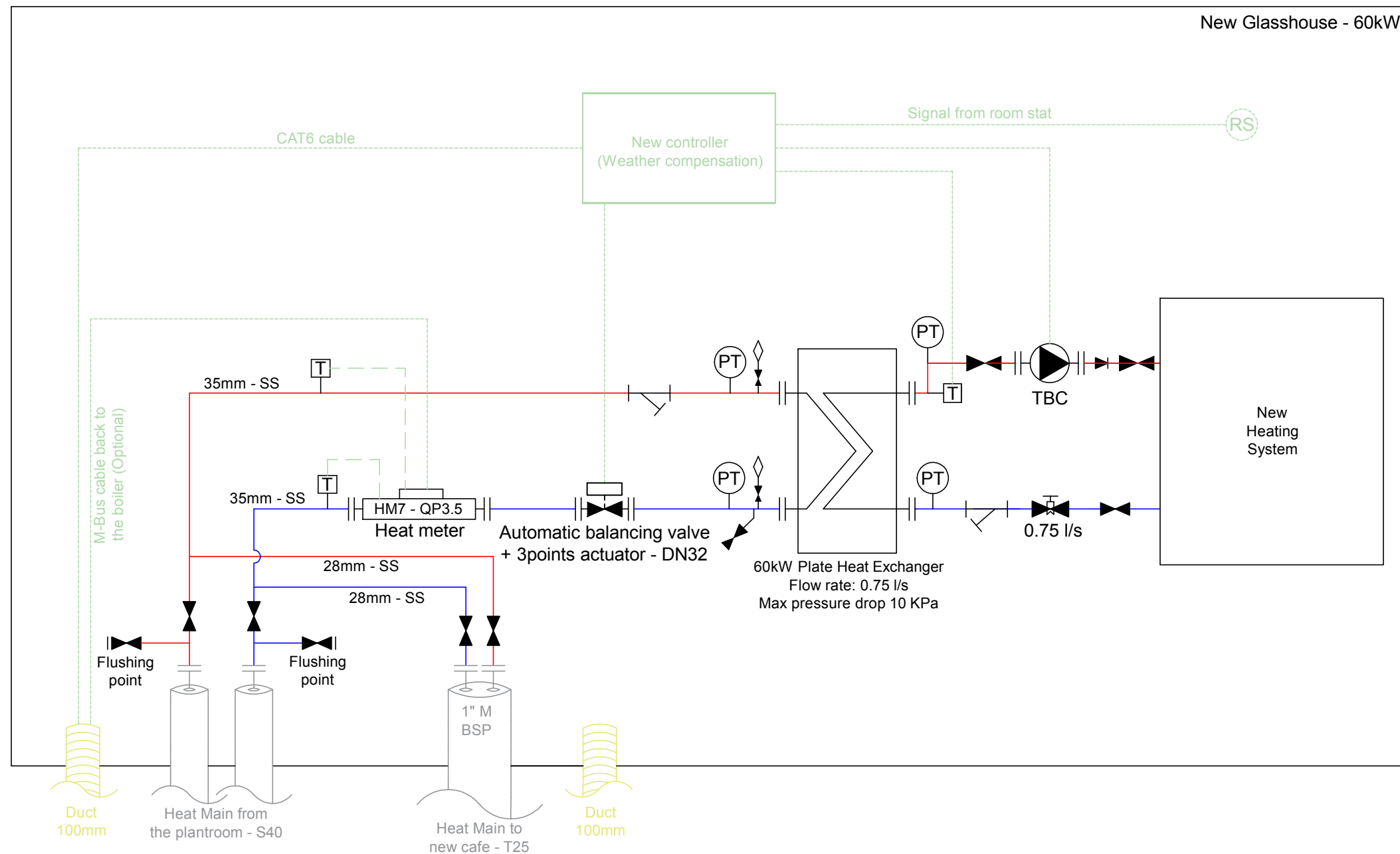


Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Office/Tea Room
Date	04/12/2018
Project	Thorngrove
Version	1

Note:

1. Drain cocks are to be installed at low level points
2. Air vents are to be installed at high level points

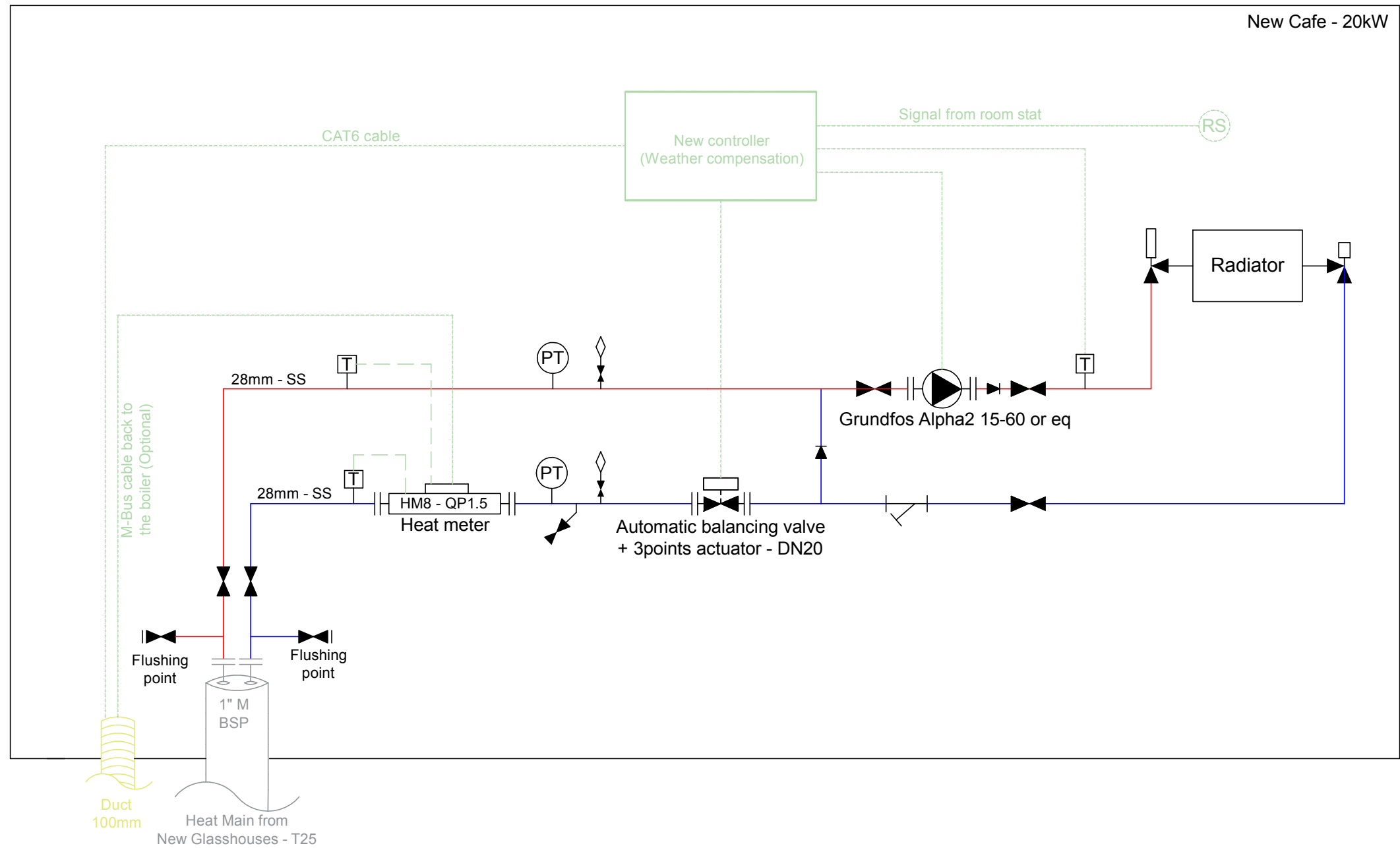


Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	New Glasshouse
Date	04/12/2018
Project	Thorngrove
Version	1

Note:

1. Drain cocks are to be installed at low level points
2. Air vents are to be installed at high level points

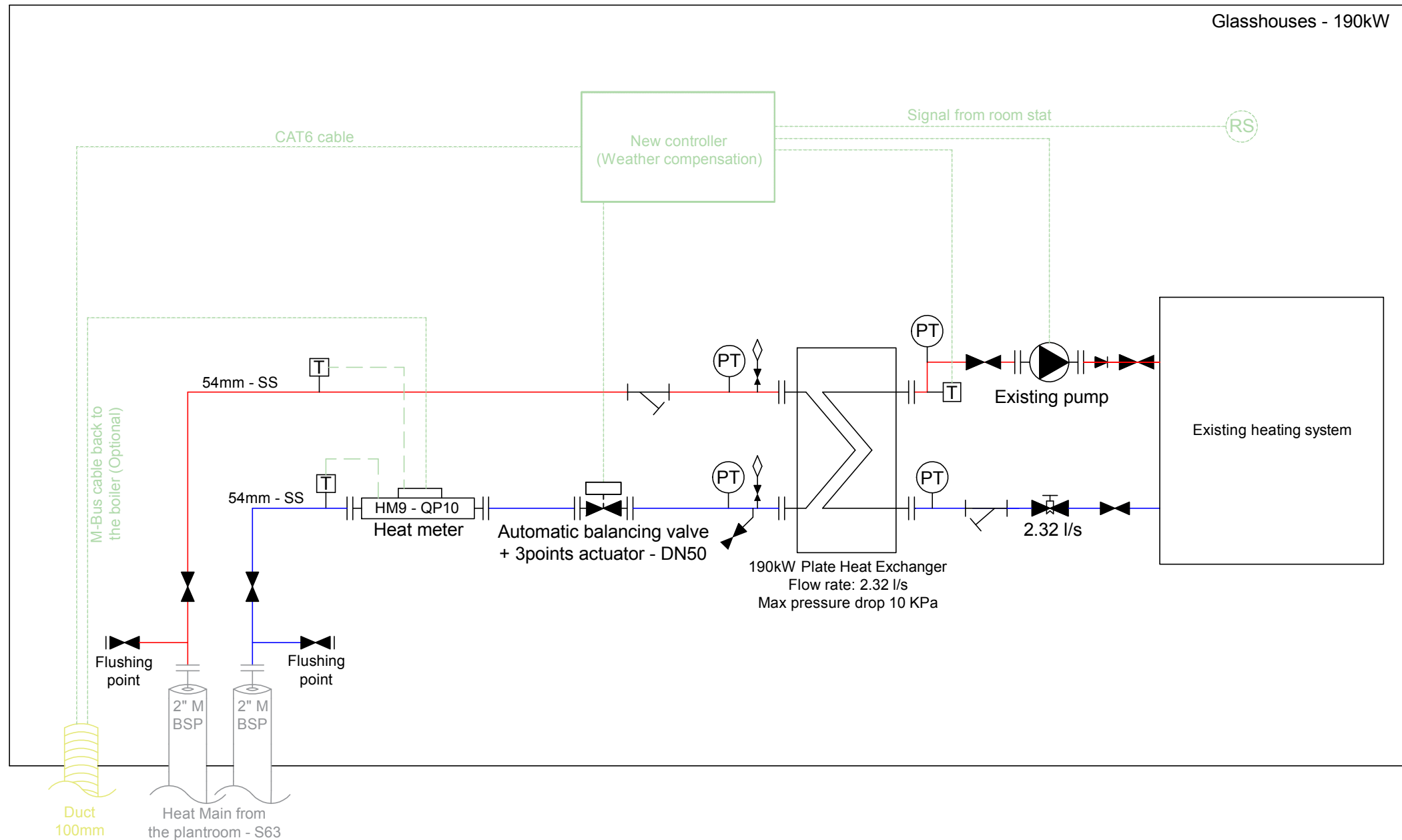


Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	New Cafe
Date	04/12/2018
Project	Thorngrove
Version	1

Note:

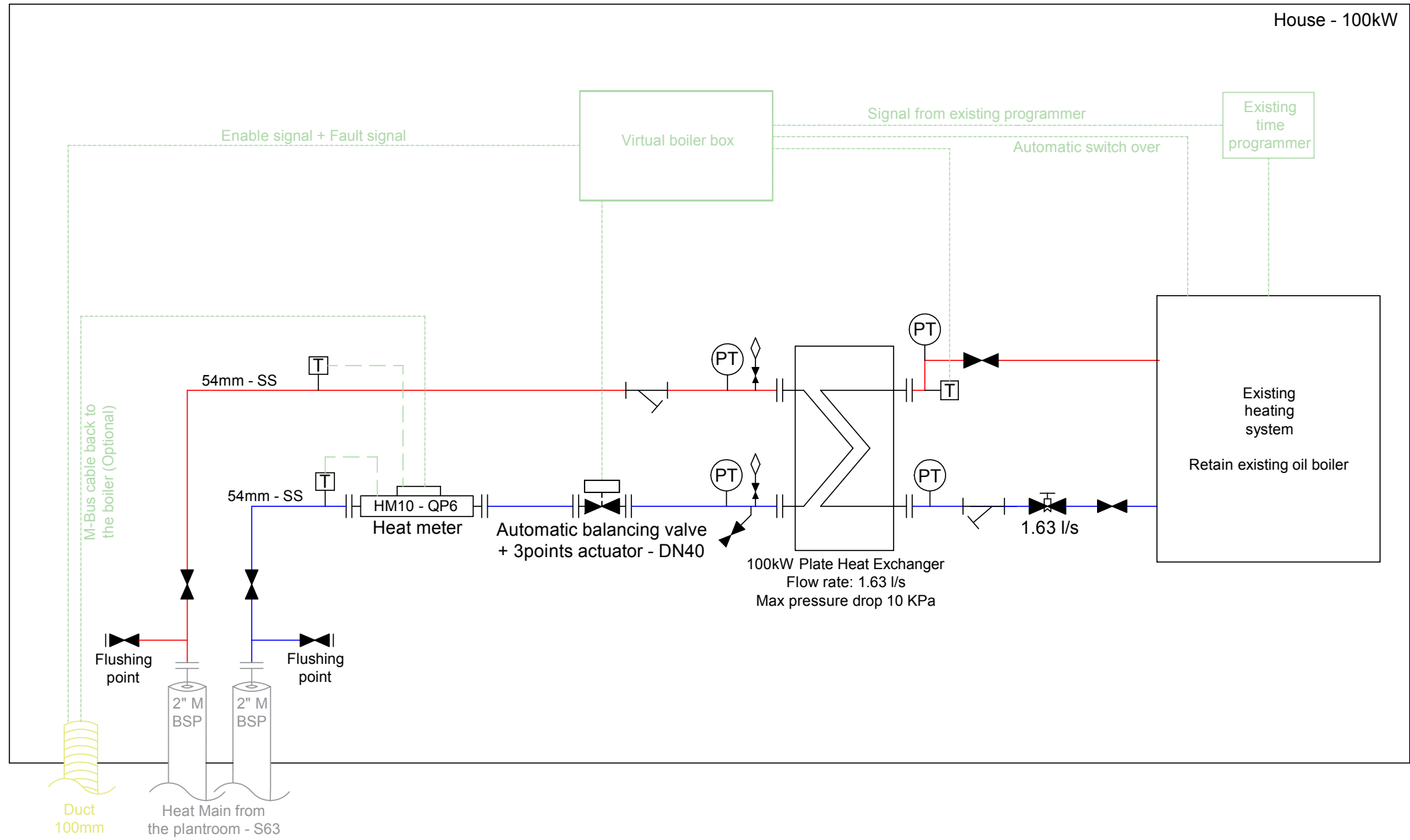
1. Drain cocks are to be installed at low level points
2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	Glasshouses
Date	04/12/2018
Project	Thorngrove
Version	1

Note:
 1. Drain cocks are to be installed at low level points
 2. Air vents are to be installed at high level points



Mechanical key:	
	Pressure switch High Pressure
	Pressure switch Low Pressure
	Pressure & Temperature Gauge
	Temperature Gauge
	Temperature Sensor
	Variable speed pump
	Drain cock
	Relief valve
	Automatic Air vent
	Isolating valve
	Pressure reducing valve
	Lockshield valve
	Double regulating valve
	Self acting 3 port valve
	Capped-off filling point
	Motorised 2 ports valve
	Motorised 3 port valve
	Check valve
	Double check valve
	Line strainer
	Emergency stop
	Smoke Detector
	Fire sensor
	Carbon Monoxide Detector
	Outside temperature air sensor

Title	House
Date	04/12/2018
Project	Thorngrove
Version	1