

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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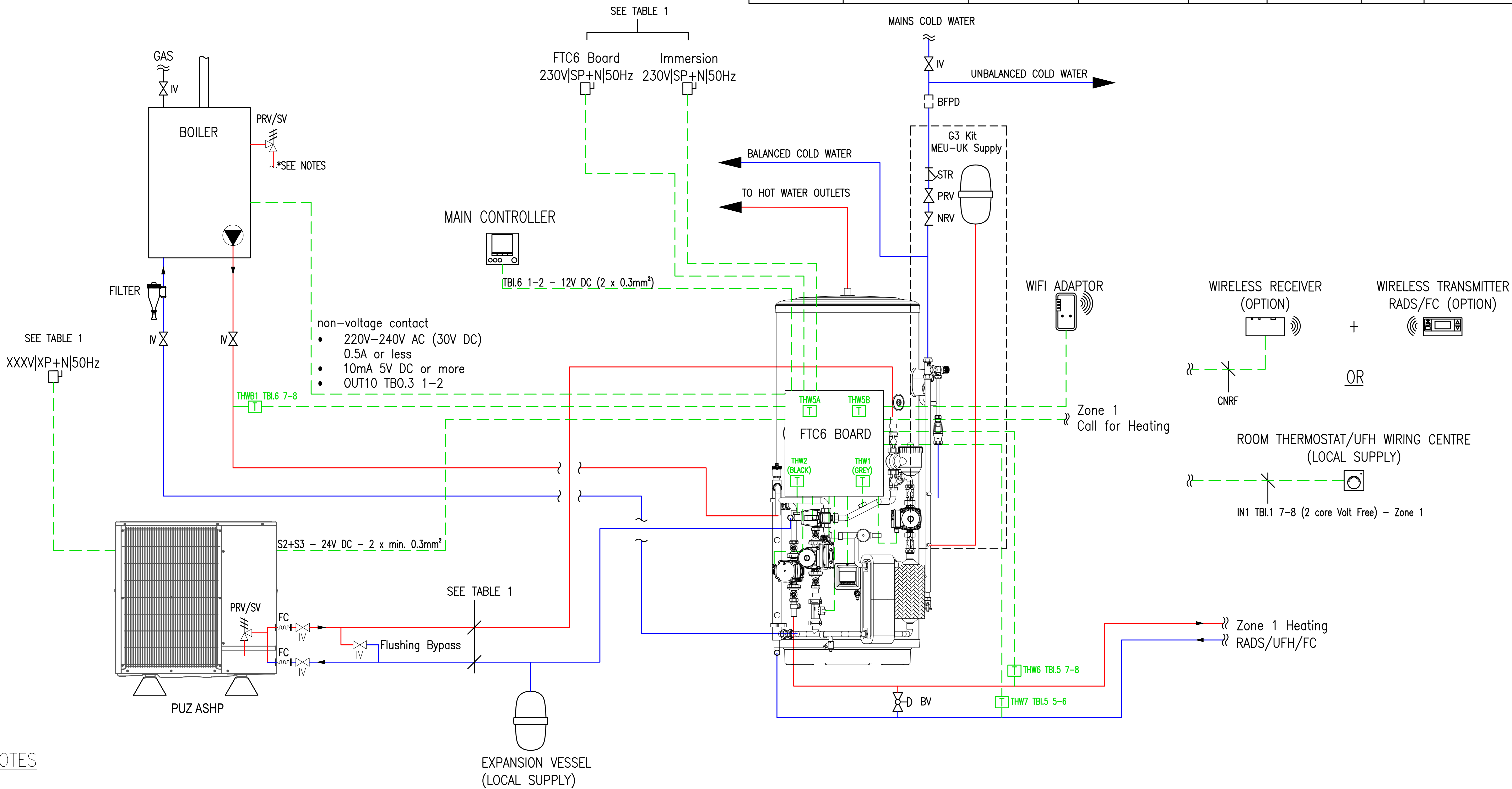
For information only, DO NOT SCALE drawing

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Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE
CLIENT				
PROJECT FTC6 Hybrid Pre-plumbed 1 x Heating				
TITLE MECHANICAL SERVICES MITSUBISHI ECODAN FTC6 PRE-PLUMBED HYBRID WITH SYSTEM BOILER 1 HEATING ZONE				
SCALE	NTS	ORIGINAL SIZE	AO	DATE
DRAWN	A. SHAH	DESIGNED	A. SHAH	INIT
DRAWING NUMBER	MEU-UK/FTC6/WMXXX/HPP/1Z			REVISION
				1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW3-6 (FTC6)	ON	2-ZONE VALVE ON/OFF CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

Wiring Changes

EQUIPMENT	TERMINAL
ZONE 1 PUMP	OUT13 TBO.4 3-4

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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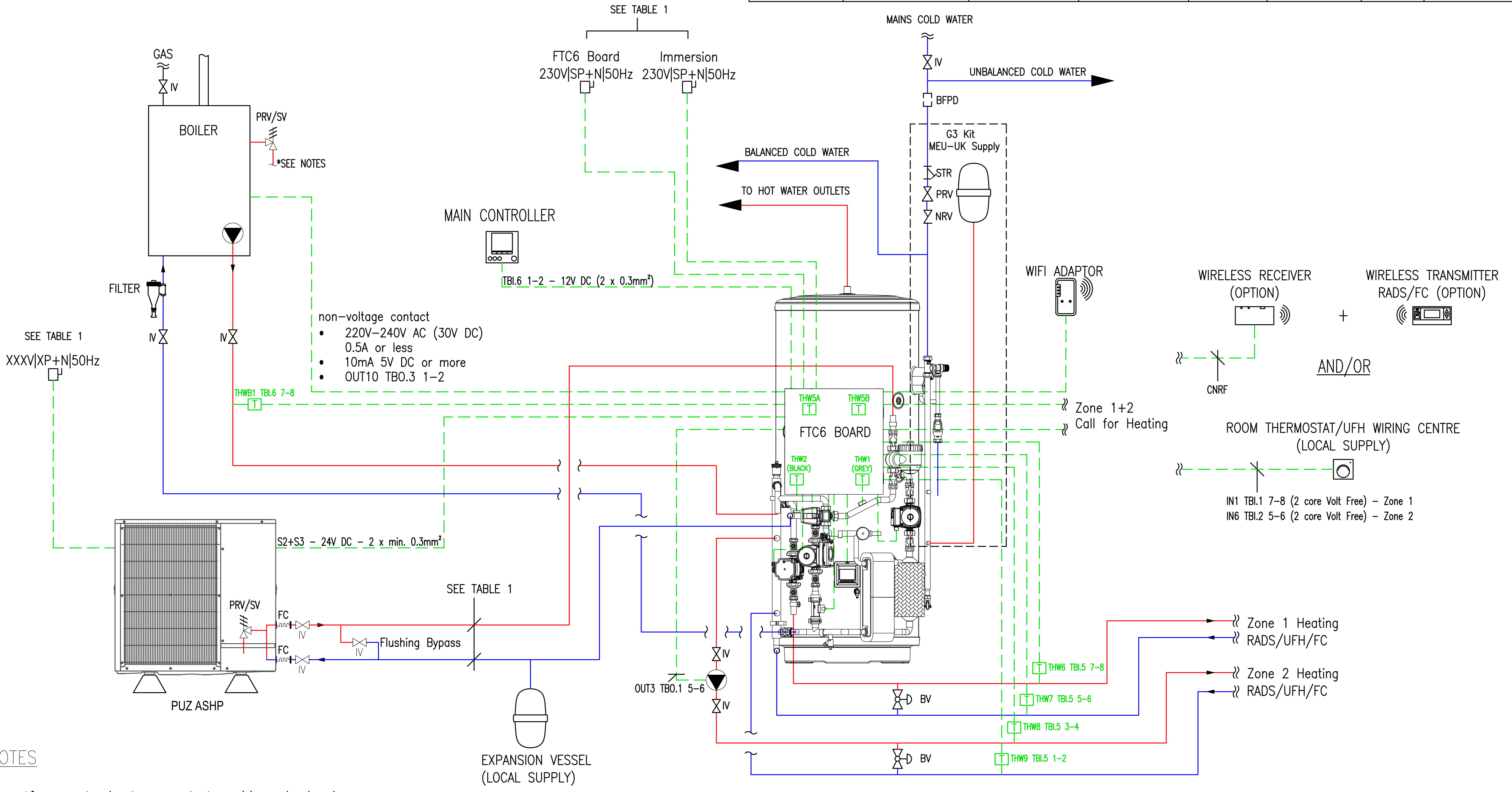
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LEGEND

	AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
	IV ISOLATING VALVE
	DOC DRAIN OFF COCK
	NRV NON RETURN VALVE
	DRV DOUBLE REGULATING VALVE
	PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
	STR STRAINER
	BV BYPASS VALVE
	FC FLEXIBLE CONNECTION
	PRV PRESSURE REDUCING VALVE
	PG PRESSURE GAUGE
	P PUMP
	TEMPERATURE SENSOR
	TF1 FILTER/STRAINER
	FS FLOW SENSOR
	SCALE TRAP
	BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE

MITSUBISHI ELECTRIC

CLIENT

PROJECT
FTC6 Hybrid Pre-plumbed 2 x Heating

TITLE
MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
PRE-PLUMBED HYBRID WITH SYSTEM BOILER
2 HEATING ZONES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	AUGUST 2020

DRAWN	DESIGNED	INIT	CHECKED	INIT
A. SHAH	A. SHAH		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/HPP/2Z	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-7 (FTC6)	ON	2-ZONE TEMPERATURE CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
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PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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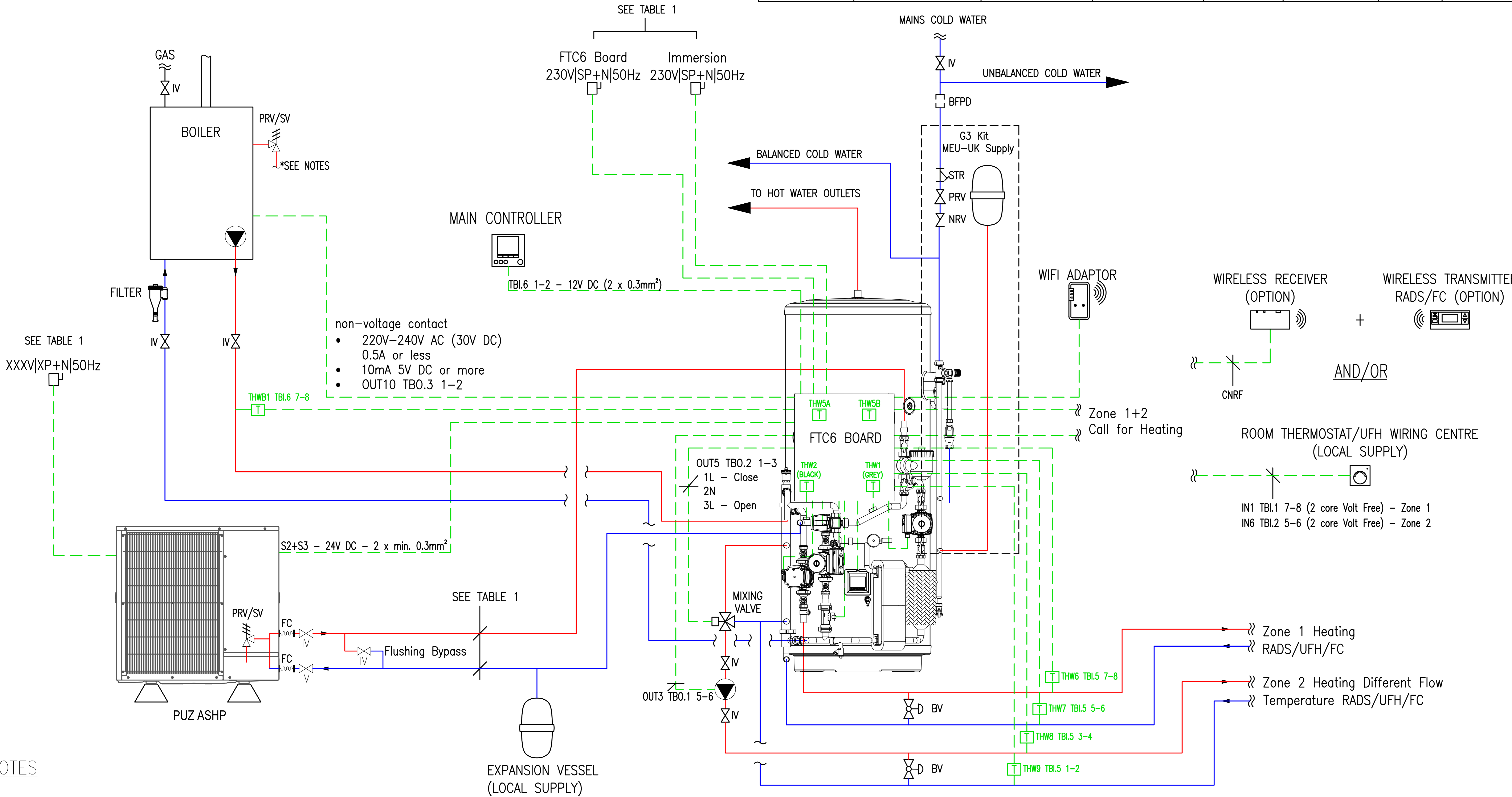
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LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
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- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE
CLIENT				
PROJECT FTC6 Hybrid Pre-Plumbed 2 x Heating Mixed				
TITLE MECHANICAL SERVICES MITSUBISHI ECODAN FTC6 PRE-PLUMBED HYBRID WITH SYSTEM BOILER 2 HEATING ZONES DIFFERENT FLOW TEMPERATURES				
SCALE	NTS	ORIGINAL SIZE	AO	DATE
DRAWN	A. SHAH	DESIGNED	A. SHAH	INIT
DRAWING NUMBER	MEU-UK/FTC6/WMXXX/HPP/2ZM	CHECKED	R. TAYLOR	INIT
				REVISION
				1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
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FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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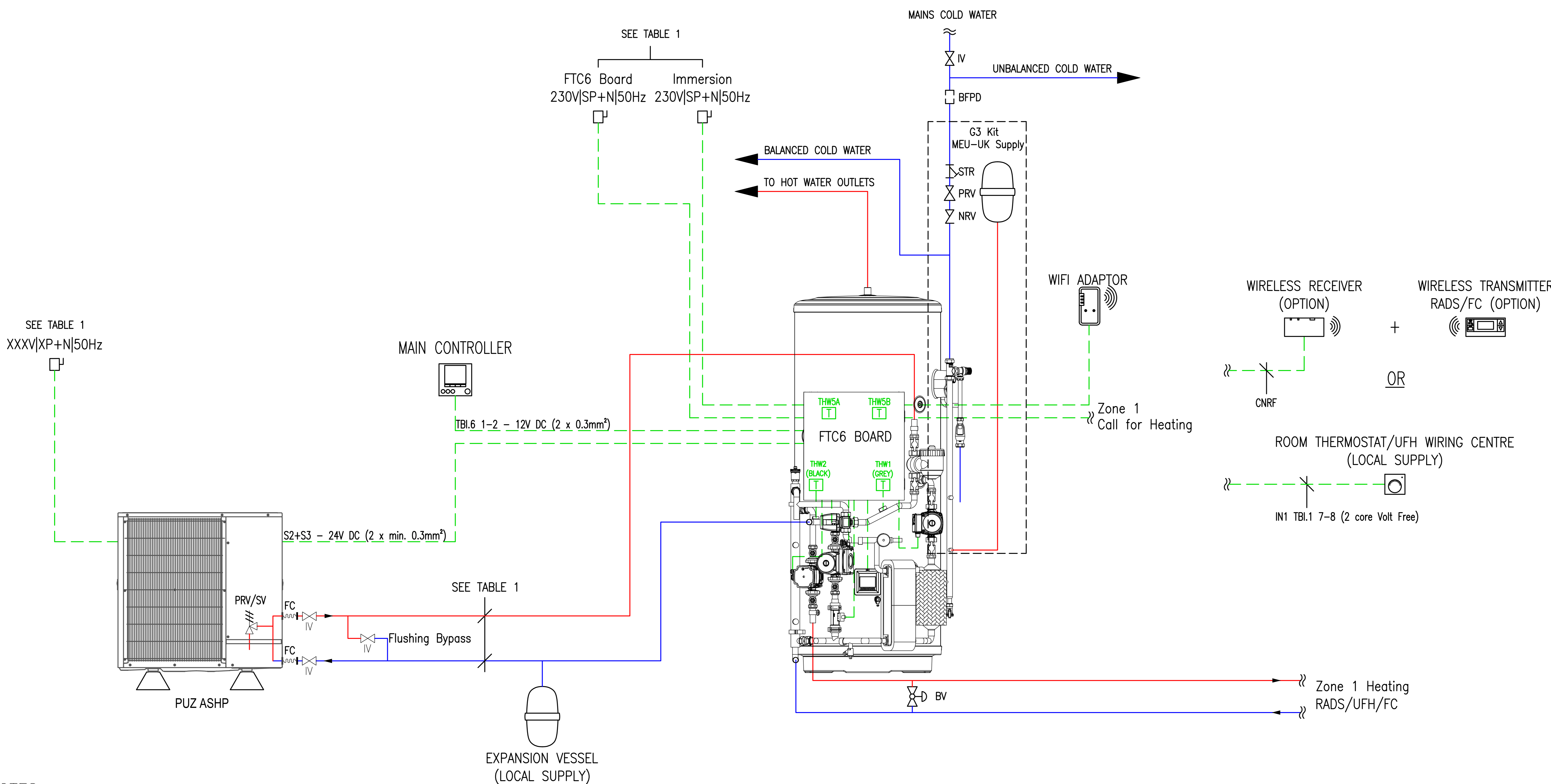
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LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
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REV	DESCRIPTION	DESN	CHKD	DATE
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CLIENT

PROJECT
 FTC6 Pre-Plumbed 1 x Heating

TITLE
 MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 WITH PRE-PLUMBED CYLINDER
 1 HEATING ZONE

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020
DRAWN D. CASADO	DESIGNED D. CASADO	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/PP/1Z		REVISION 1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW3-6 (FTC6)	ON	2-ZONE VALVE ON/OFF CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

Wiring Changes

EQUIPMENT	TERMINAL
ZONE 1 PUMP	OUT13 TBO.4 3-4

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
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FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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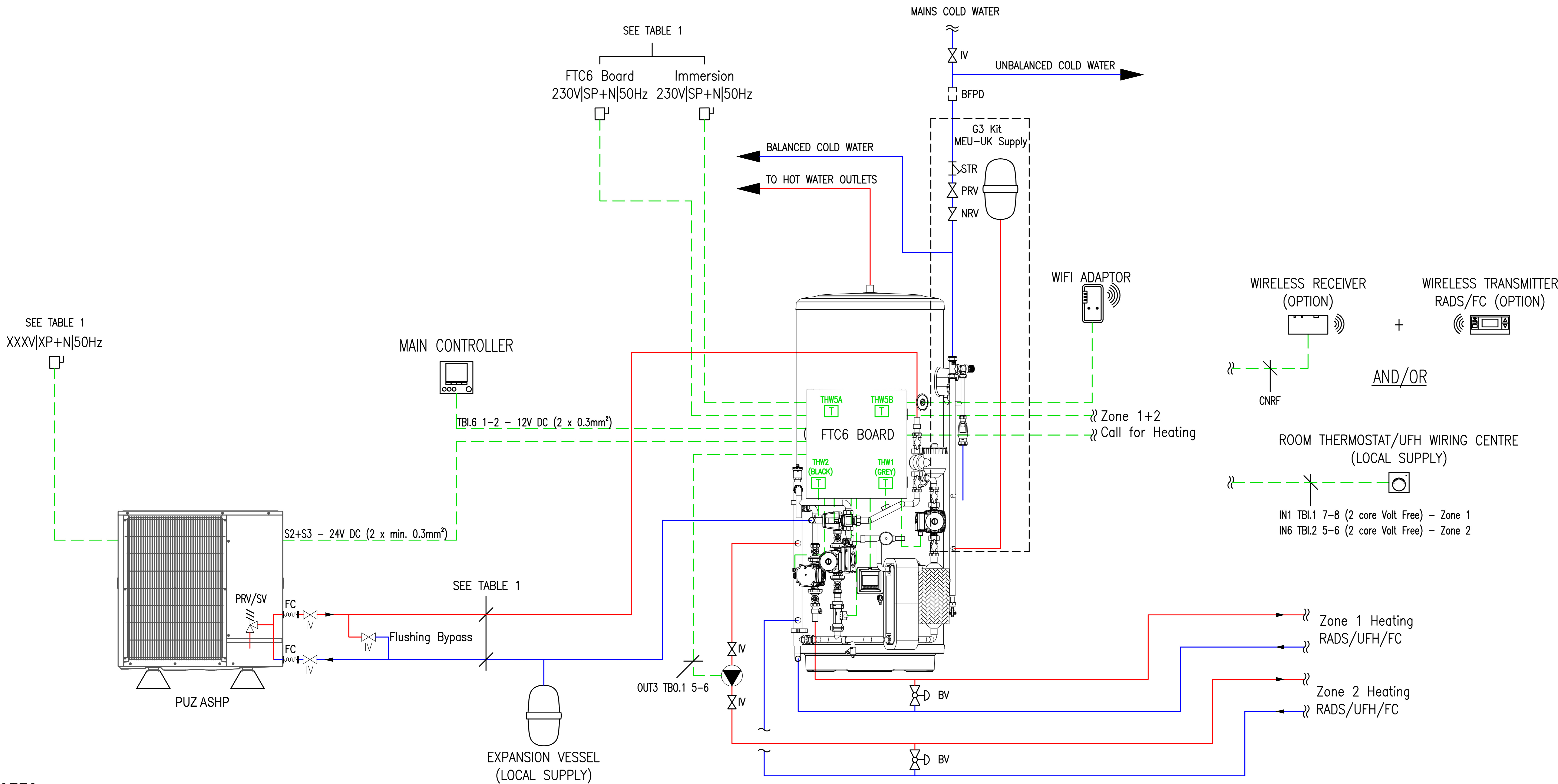
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LEGEND

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- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
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- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
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NOTES

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REV	DESCRIPTION	DESN	CHKD	DATE

MITSUBISHI ELECTRIC

CLIENT

PROJECT
FTC6 Pre-Plumbed 2 x Heating

TITLE
MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
WITH PRE-PLUMBED CYLINDER
2 HEATING ZONES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020

DRAWN	DESIGNED	INIT	CHECKED	INIT
D. CASADO	D. CASADO		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/PP/2Z	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-7 (FTC6)	ON	2-ZONE TEMPERATURE CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	1.5 H05VV-F Sheathed

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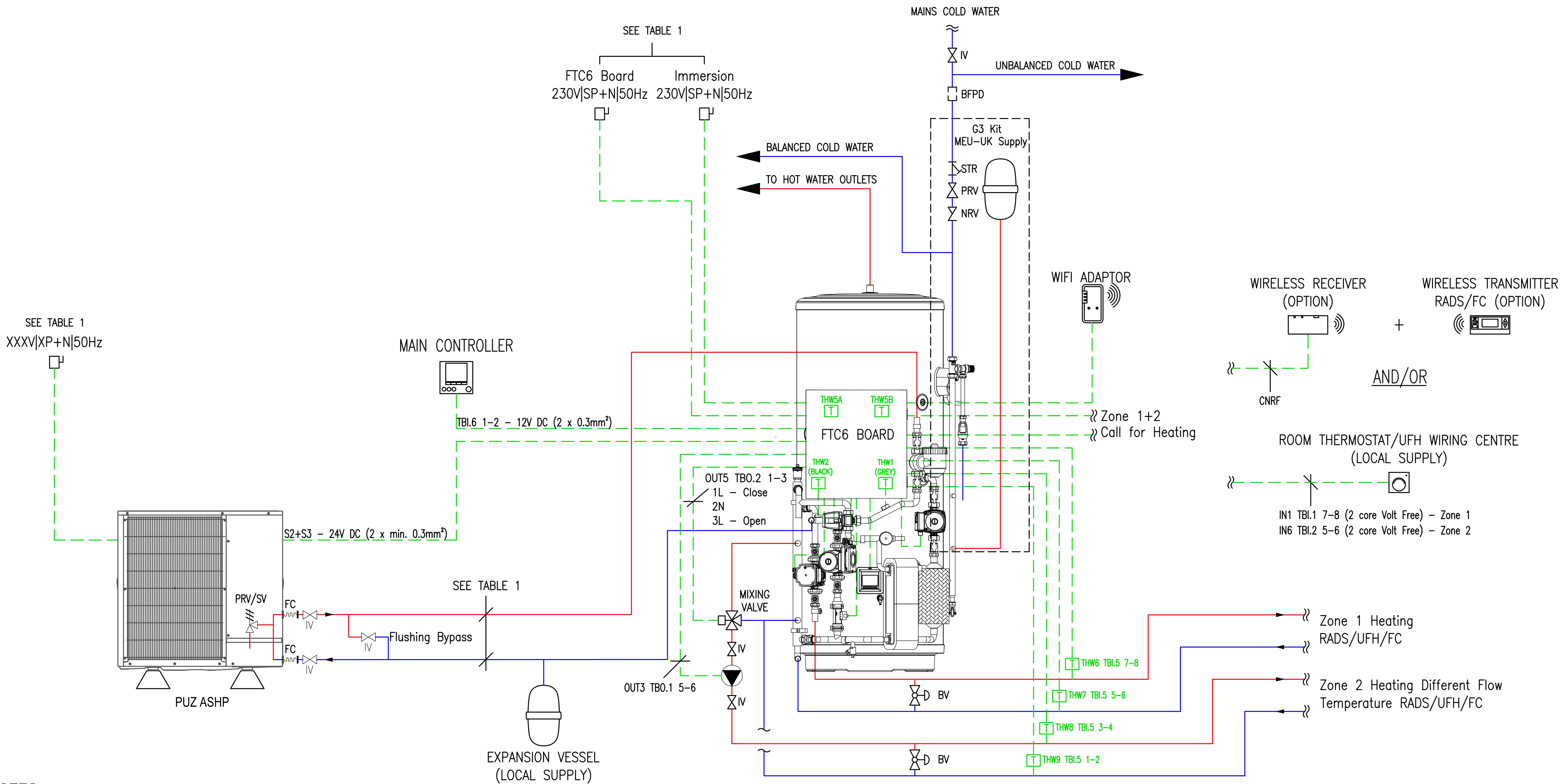
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- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



REV	DESCRIPTION	DESN	CHKD	DATE



CLIENT

PROJECT
FTC6 Pre-Plumbed 2 x Heating Mixed

TITLE
MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
WITH PRE-PLUMBED CYLINDER
2 HEATING ZONES
DIFFERENT FLOW TEMPERATURES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020
DRAWN D. CASADO	DESIGNED D. CASADO	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/PP/2ZM		REVISION 1

NOTES

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- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
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- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.							

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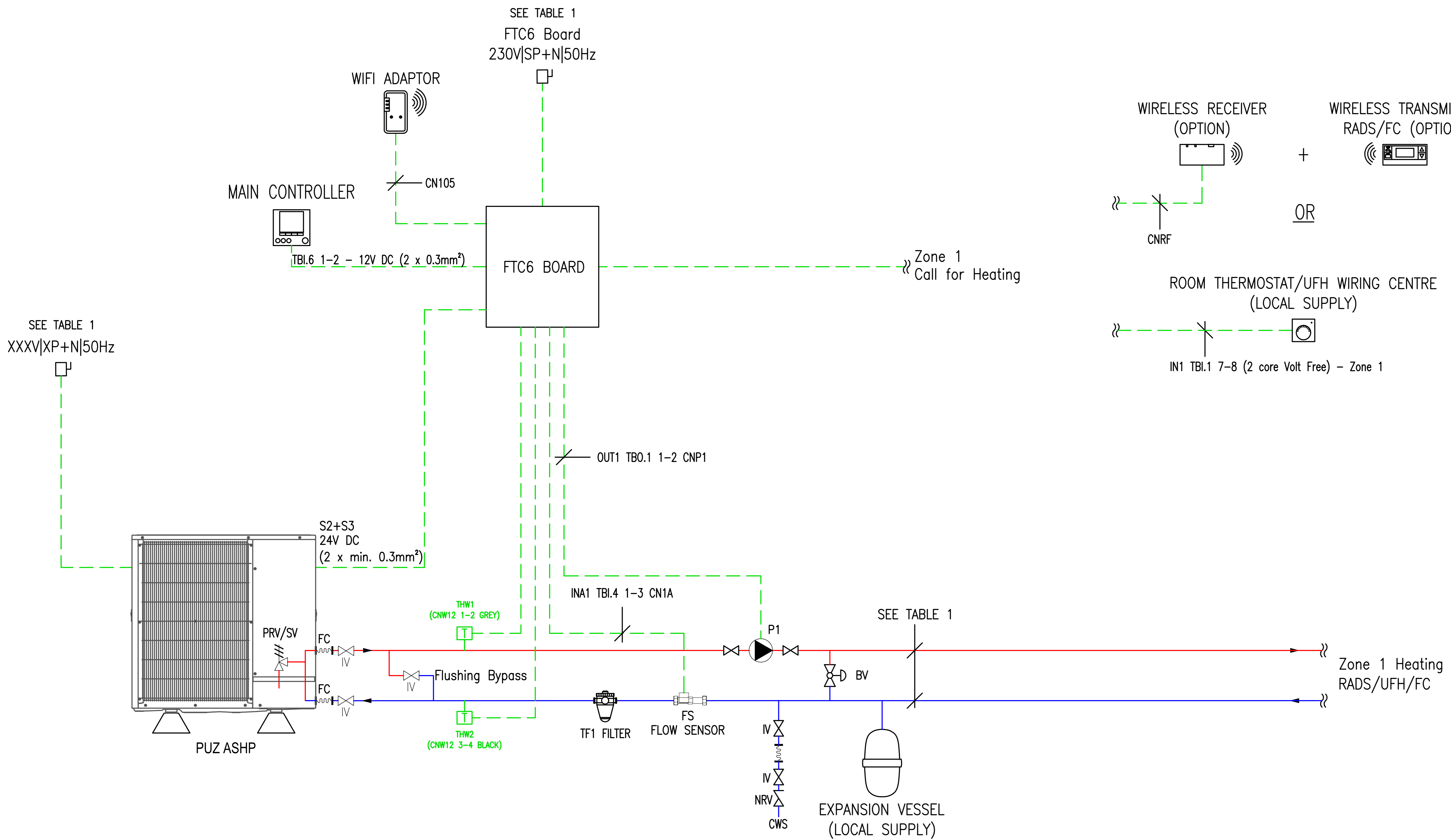
For information only, DO NOT SCALE drawing

All works shall be carried out in accordance with the Specification

Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



REV	DESCRIPTION	DESN	CHKD	DATE
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CLIENT

PROJECT
FTC6 Standalone 1 x Heating

TITLE
MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
STANDALONE
1 HEATING ZONE

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020
DRAWN D. CASADO	DESIGNED D. CASADO	CHECKED R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/S/1Z		REVISION 1

NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW3-6 (FTC6)	ON	2-ZONE VALVE ON/OFF CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.							

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LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
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- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)

REV	DESCRIPTION	DESN	CHKD	DATE



CLIENT

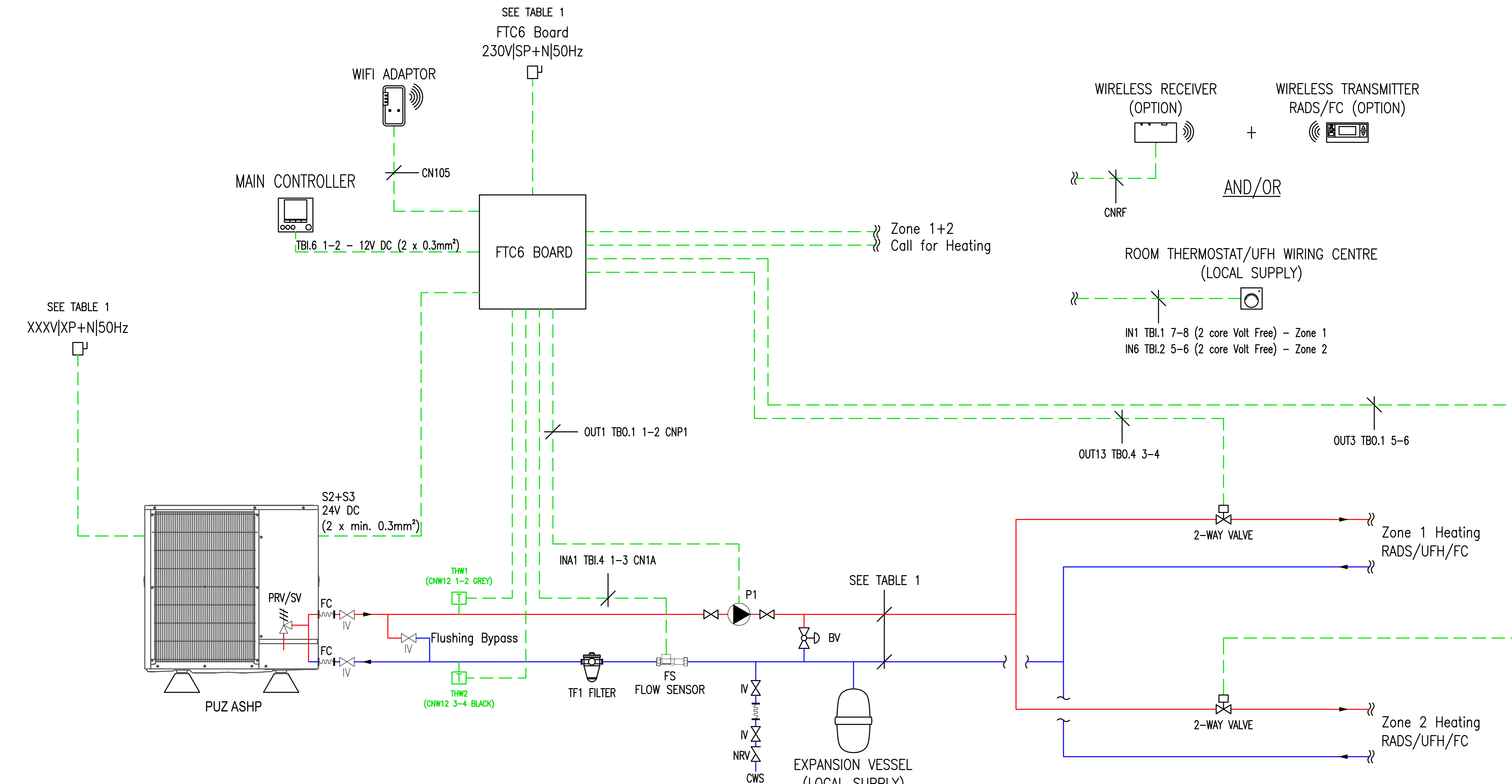
PROJECT
 FTC6 Standalone 2 x Heating

TITLE
 MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE
 2 HEATING ZONES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020
DRAWN D. CASADO	DESIGNED D. CASADO	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/S/2Z		REVISION 1

NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.



Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-7 (FTC6)	ON	2-ZONE TEMPERATURE CONTROL
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.							

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LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)

REV	DESCRIPTION	DESN	CHKD	DATE



CLIENT

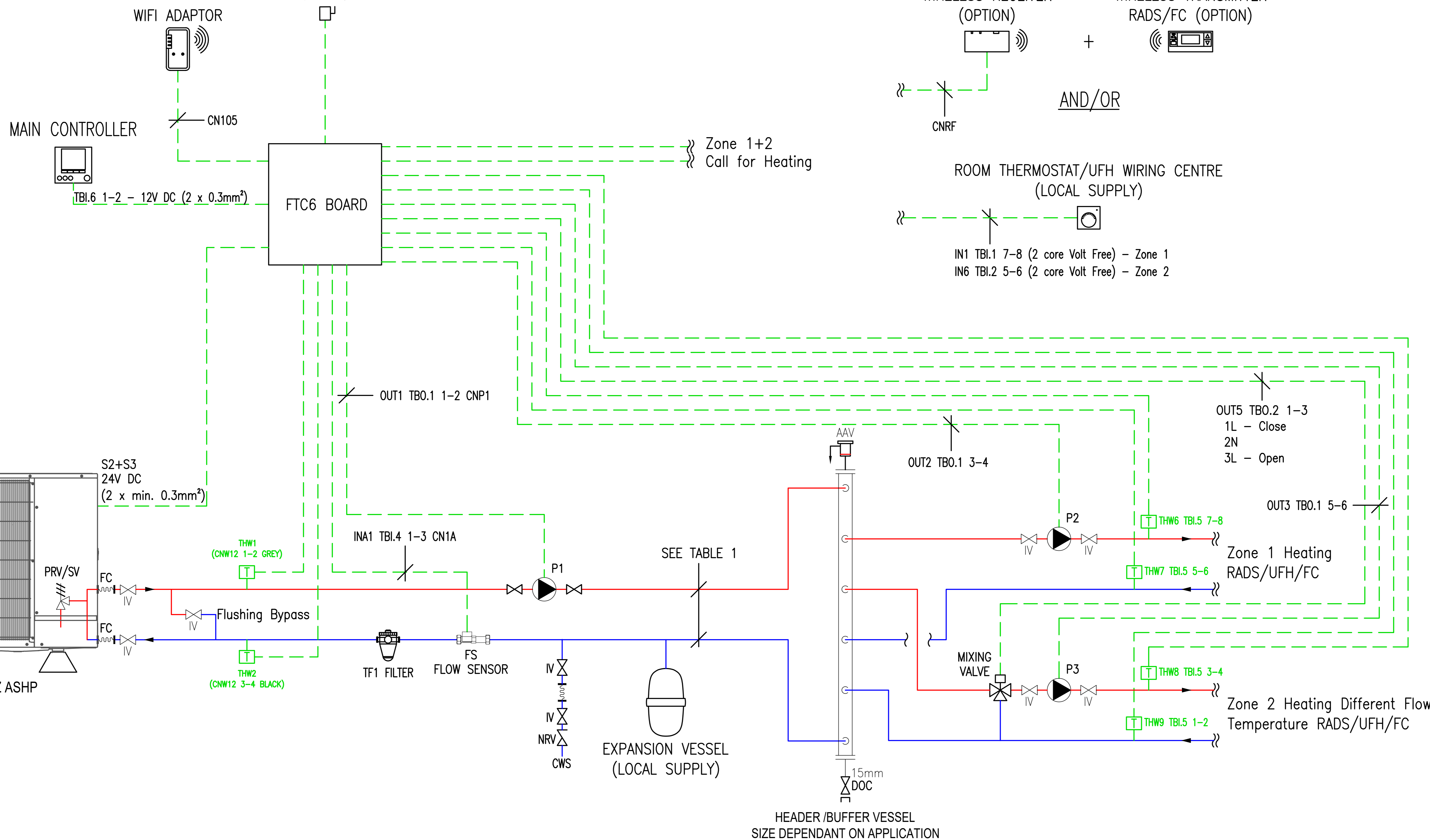
PROJECT
FTC6 Standalone 2 x Heating Mixed

TITLE
MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
STANDALONE
2 HEATING ZONES
DIFFERENT FLOW TEMPERATURES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020
DRAWN D. CASADO	DESIGNED D. CASADO	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/S/2ZM		REVISION 1

SEE TABLE 1
XXXV|XP+N|50Hz

SEE TABLE 1
FTC6 Board
230V|SP+N|50Hz



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.							

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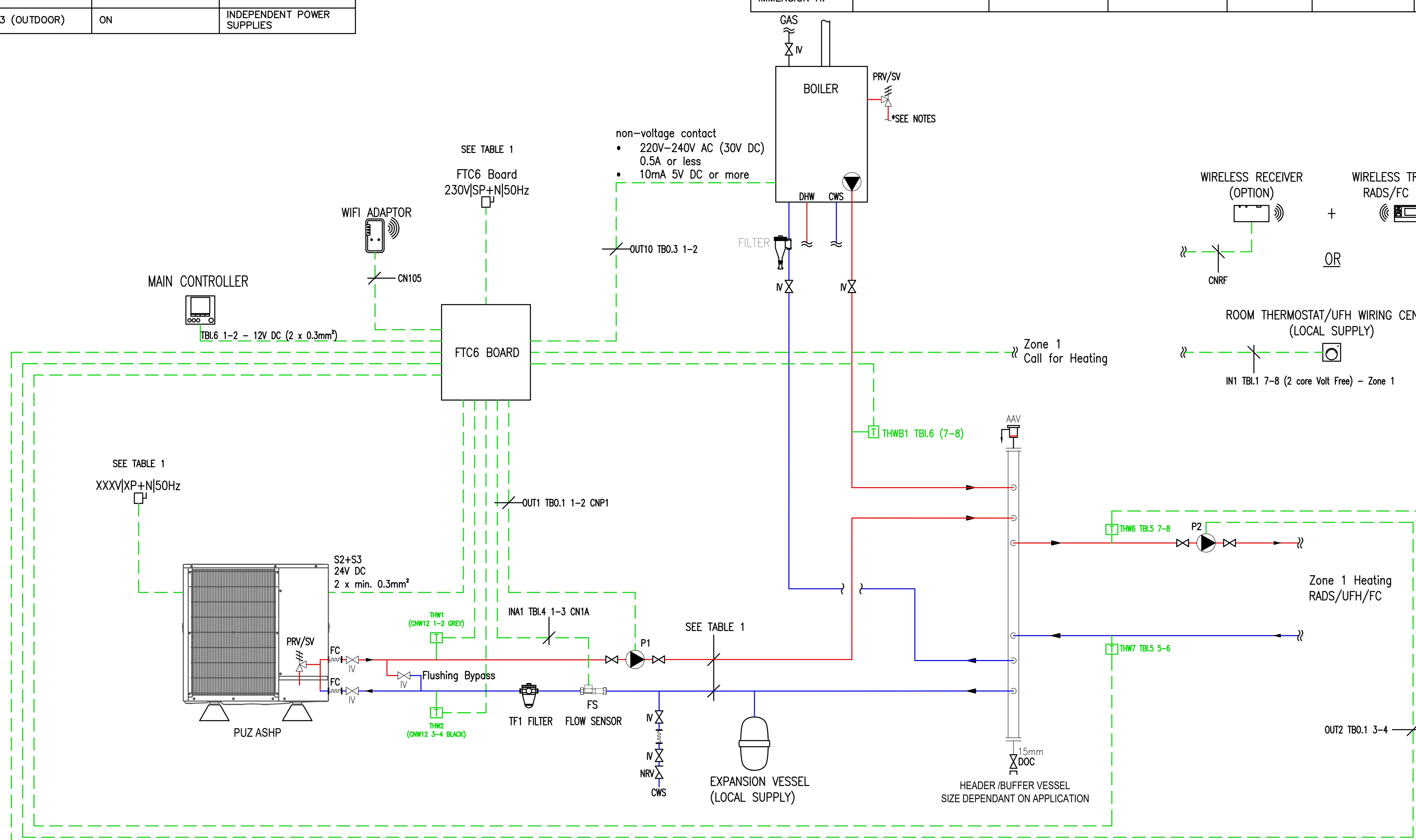
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Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
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- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE

CLIENT: _____

PROJECT: FTC6 Standalone Hybrid 1 x Heating

TITLE: MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE HYBRID SYSTEM/COMBI BOILER
 1 HEATING ZONE

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020

DRAWN	DESIGNED	INIT	CHECKED	INIT
C. ADERIBIGBE	C. ADERIBIGBE		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/SH/1Z	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW3-6 (FTC6)	ON	2-ZONE VALVE ON/OFF CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
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PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.							

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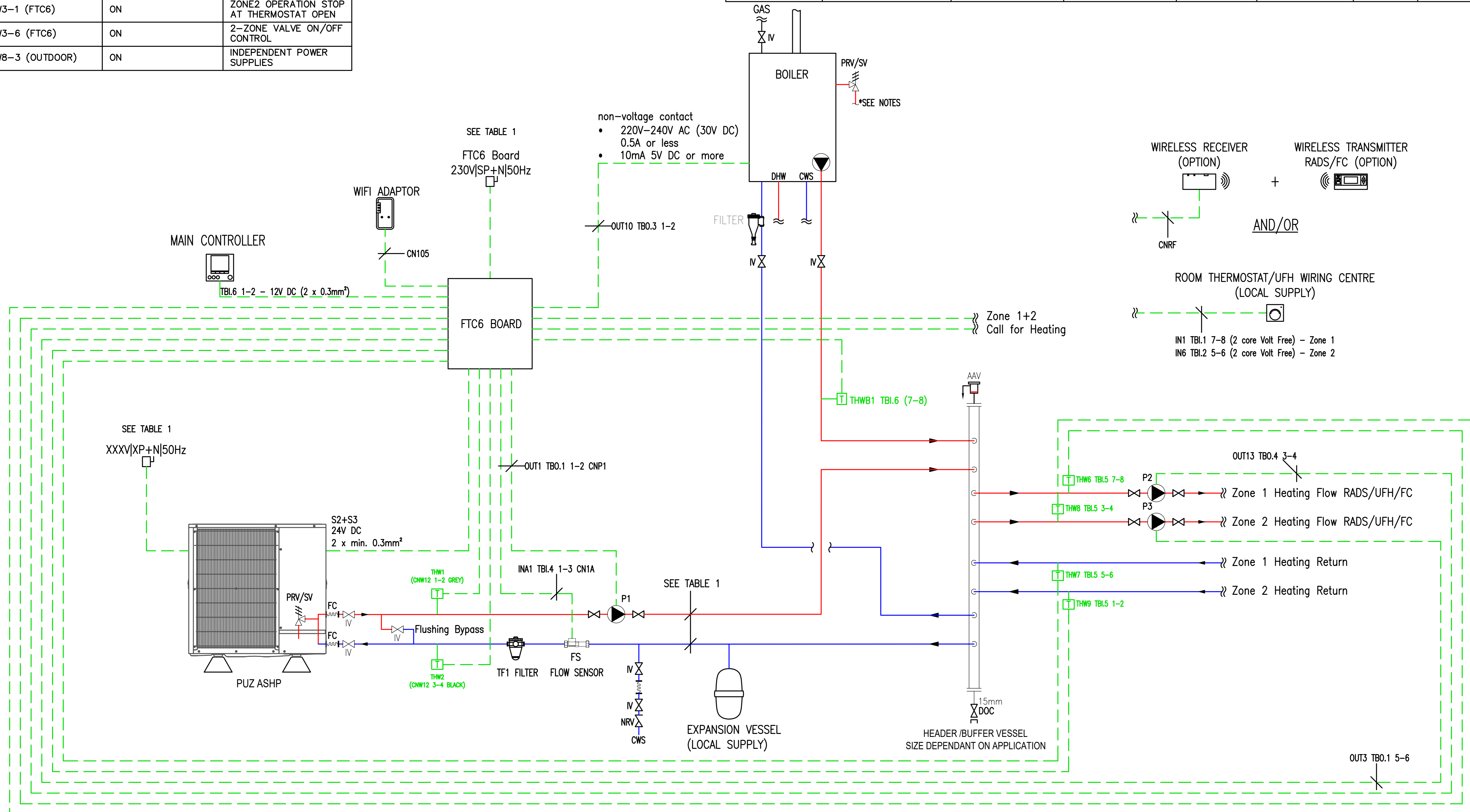
For information only, DO NOT SCALE drawing

All works shall be carried out in accordance with the Specification

Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
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- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE

CLIENT: _____

PROJECT: FTC6 Standalone Hybrid 2 x Heating

TITLE: MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE HYBRID SYSTEM/COMBI BOILER
 2 HEATING ZONES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020

DRAWN	DESIGNED	INIT	CHECKED	INIT
C. ADERIBIGBE	C. ADERIBIGBE		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/SH/2Z	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW1-1 (FTC6)	ON	WITH BOILER
SW1-3 (FTC6)	OFF	WITHOUT DHW TANK
SW1-4 (FTC6)	OFF	WITHOUT IMMERSION HEATER
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-7 (FTC6)	ON	2-ZONE TEMPERATURE CONTROL
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
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FTC6 BOARD					10	16	1.5
IMMERSION H.							

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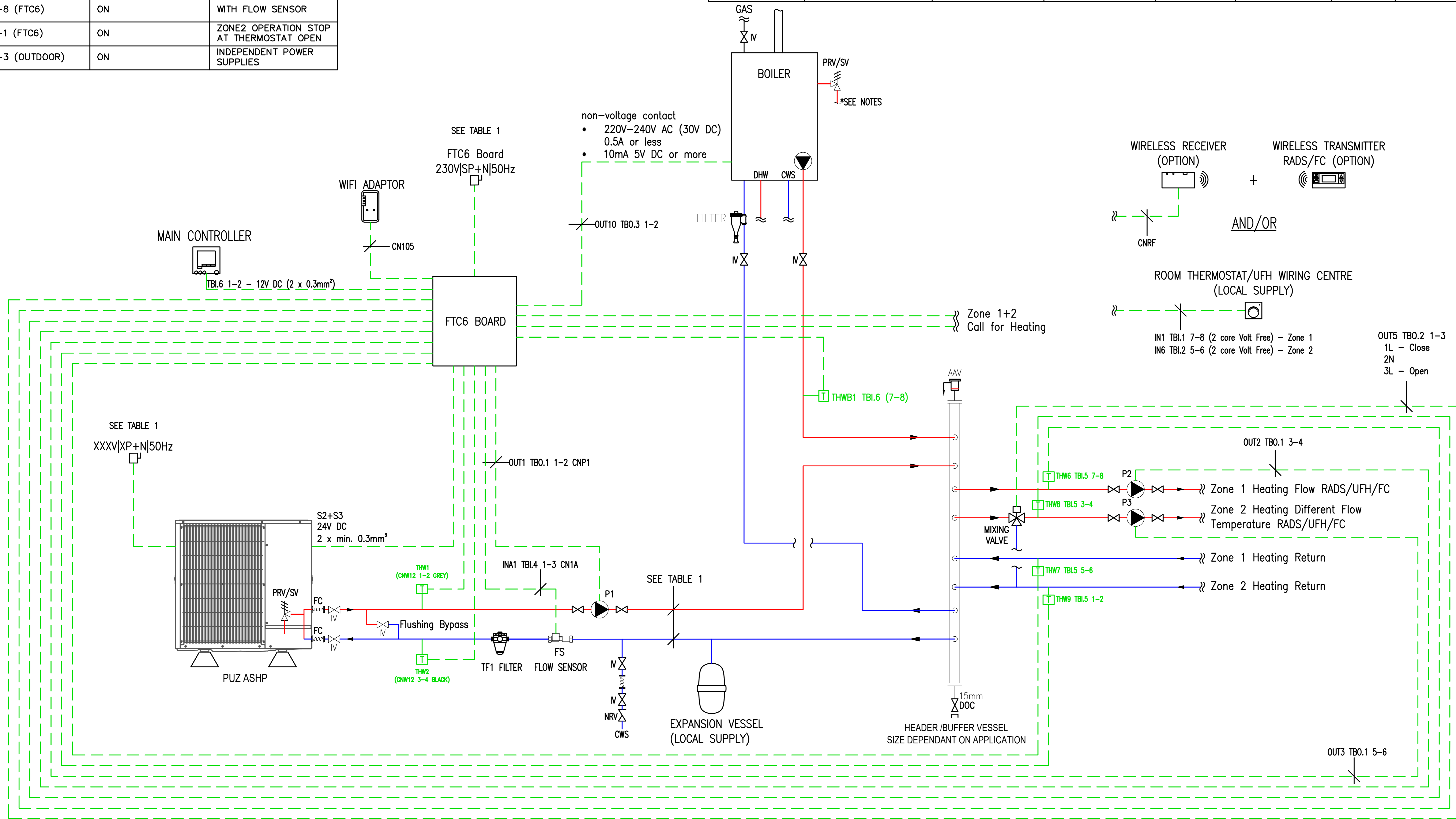
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LEGEND

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- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)



NOTES

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- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- Boiler PRV/SV to be discharged to outside to discharge any abnormally leaked refrigerant outside of the building.

REV	DESCRIPTION	DESN	CHKD	DATE

CLIENT: _____

PROJECT: FTC6 Standalone Hybrid 2 x Heating Mixed

TITLE: MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE HYBRID SYSTEM/COMBI BOILER
 2 HEATING ZONES
 DIFFERENT FLOW TEMPERATURES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JULY 2020

DRAWN	DESIGNED	INIT	CHECKED	INIT
C.ADERIBIGBE	C.ADERIBIGBE		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/SH/2ZM	1

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

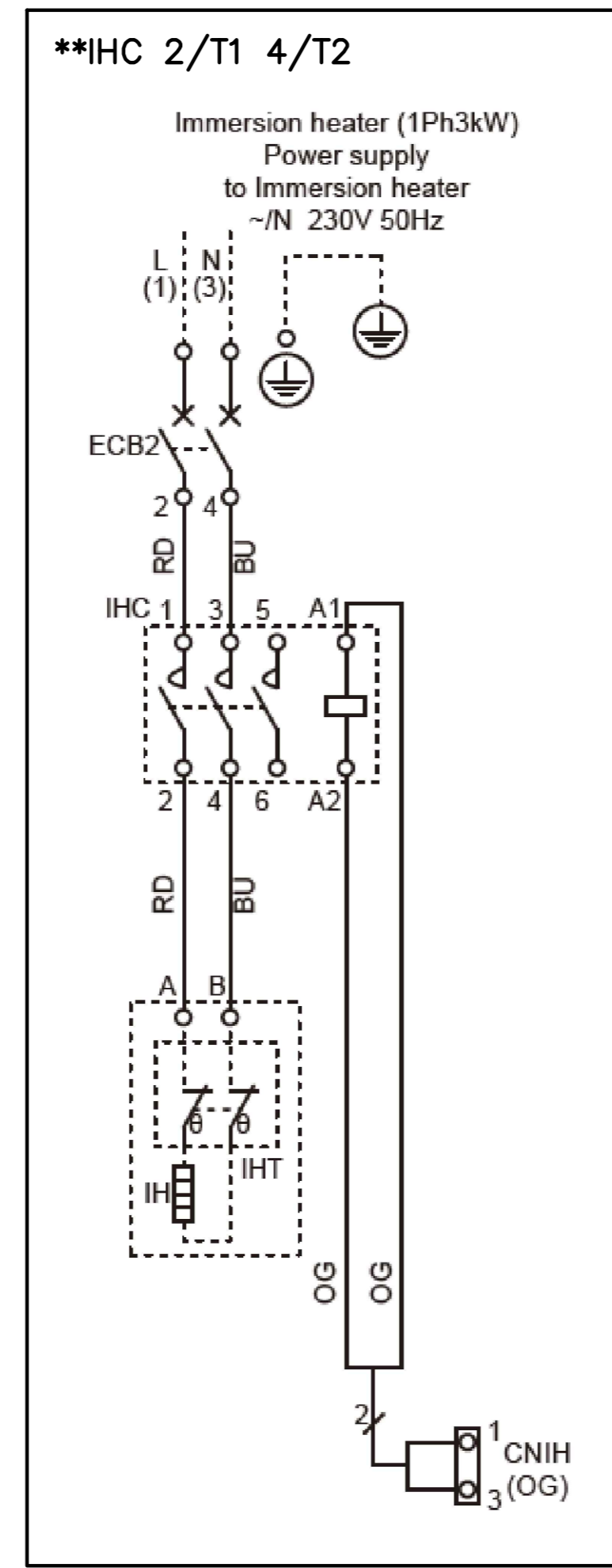
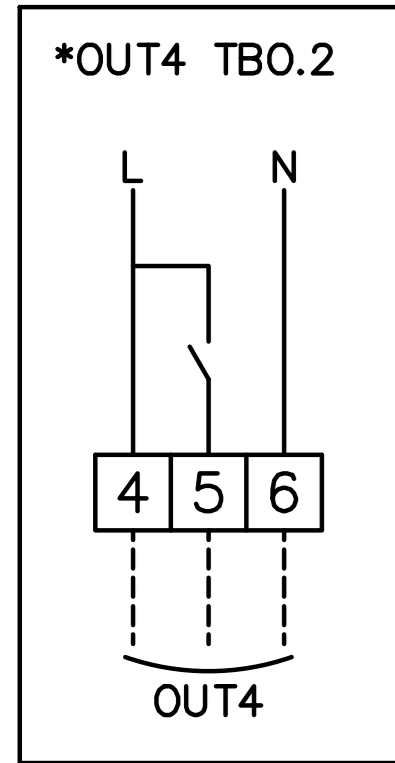


TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	2.5

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All dimensions are in mm unless otherwise stated

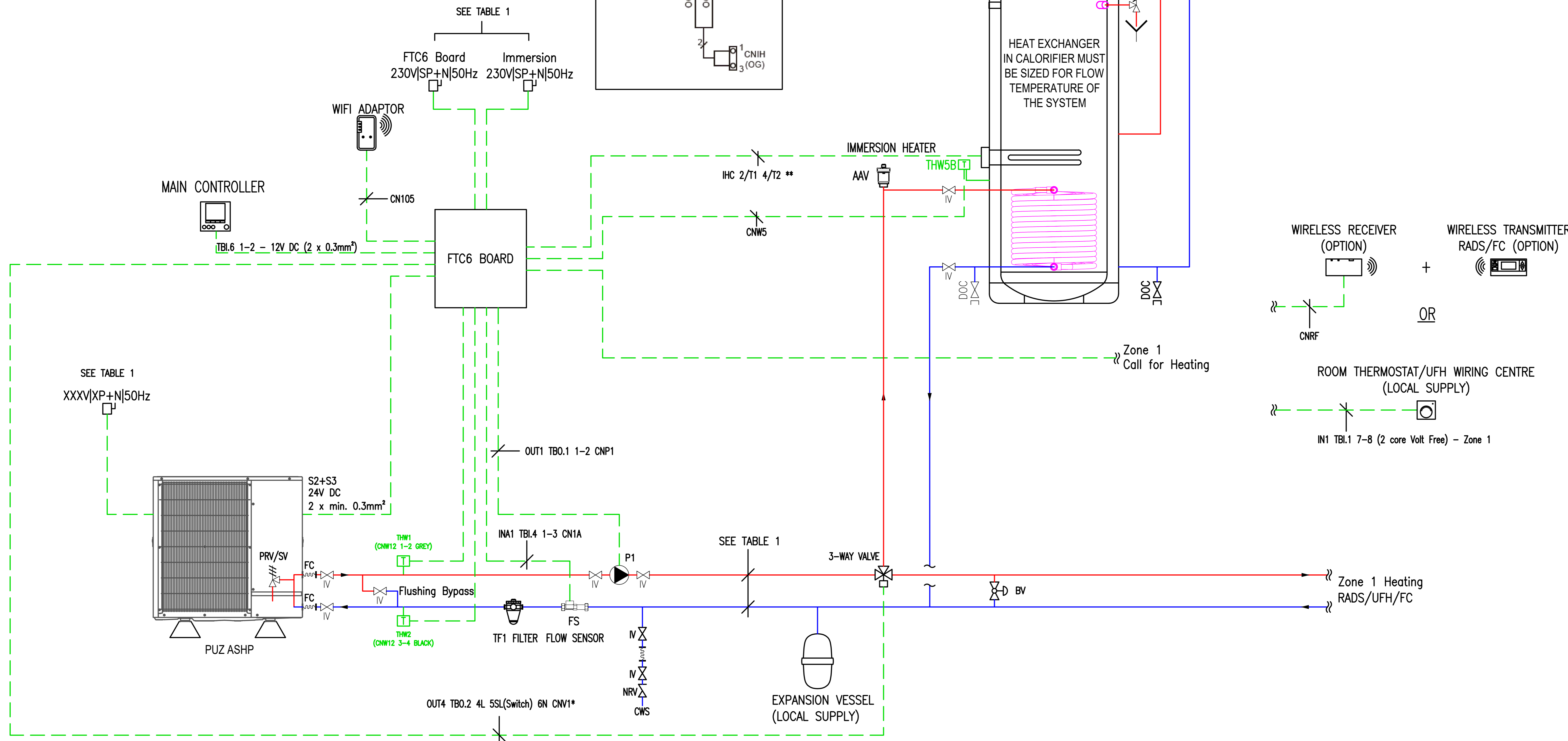
For information only, DO NOT SCALE drawing

All works shall be carried out in accordance with the Specification

Contractor must verify all dimensions on site before commencing any work or shop drawings

LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)
- TPRV/SV TEMPERATURE PRESSURE RELIEF VALVE/SAFETY VALVE



REV	DESCRIPTION	DESN	CHKD	DATE



CLIENT

PROJECT
 FTC6 Standalone w/ Third Party Cylinder
 1 x Heating

TITLE
 MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE WITH THIRD PARTY CYLINDER
 1 HEATING ZONE

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JANUARY 2021
DRAWN M. ABDIHKIM	DESIGNED M. ABDIHKIM	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/STP/1Z	REVISION 2	

NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.

Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW3-6 (FTC6)	ON	2-ZONE VALVE ON/OFF CONTROL
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

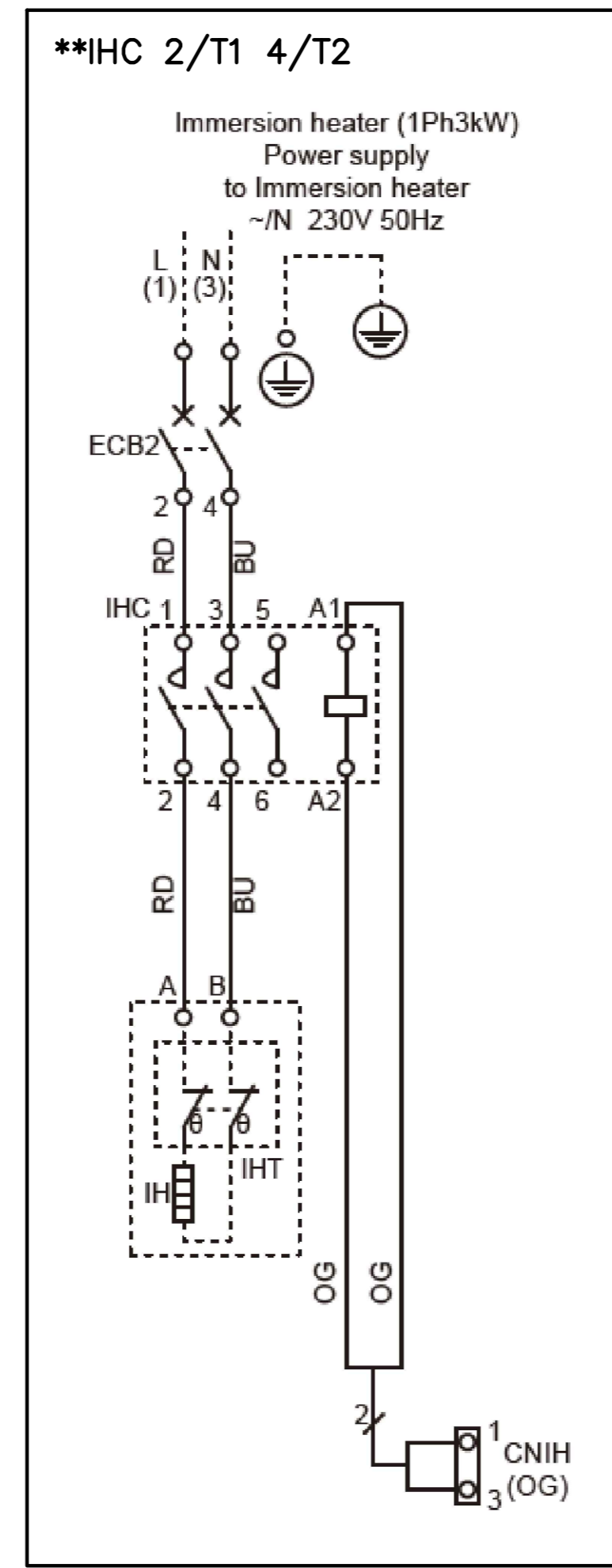
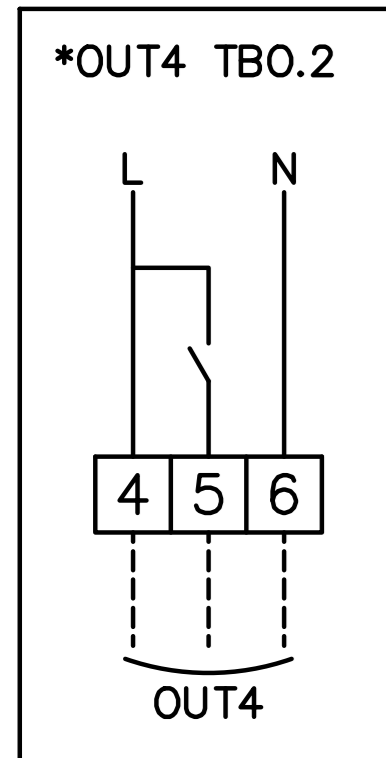


TABLE 1

EQUIPMENT	RECOMMENDED PRIMARY PIPE WORK (mm)	FLOW RATE RANGE (L/MIN)	MIN. SPACE HEATING CIRCUIT VOL. (L)	STARTING CURRENT (A)	MAX CURRENT (A)	MCB (A)	MIN. CABLE (mm ²)
PUZ-WM50VHA	22	6.5-14.3	7	2	13	16	1.5
PUZ-WM60VAA	22	8.6-17.2	9	2	13	16	2.5
PUZ-WM85VAA	28	10.8-24.4	12	2	22	25	2.5
PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
PUZ-HWM140VHA	35	17.9-40.1	20	2	35	40	6
PUZ-HWM140YHA	35	17.9-40.1	20	2	13	16	1.5
FTC6 BOARD					10	16	1.5
IMMERSION H.					13	16	2.5

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All dimensions are in mm unless otherwise stated

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LEGEND

- AAV AUTOMATIC AIR VENT (After removing the air, automatic air vent(s) must be closed)
- IV ISOLATING VALVE
- DOC DRAIN OFF COCK
- NRV NON RETURN VALVE
- DRV DOUBLE REGULATING VALVE
- PRV/SV PRESSURE RELIEF VALVE/SAFETY VALVE
- STR STRAINER
- BV BYPASS VALVE
- FC FLEXIBLE CONNECTION
- PRV PRESSURE REDUCING VALVE
- PG PRESSURE GAUGE
- P PUMP
- TEMPERATURE SENSOR
- TF1 FILTER/STRAINER
- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)
- TPRV/SV TEMPERATURE PRESSURE RELIEF VALVE/SAFETY VALVE

REV	DESCRIPTION	DESN	CHKD	DATE



CLIENT

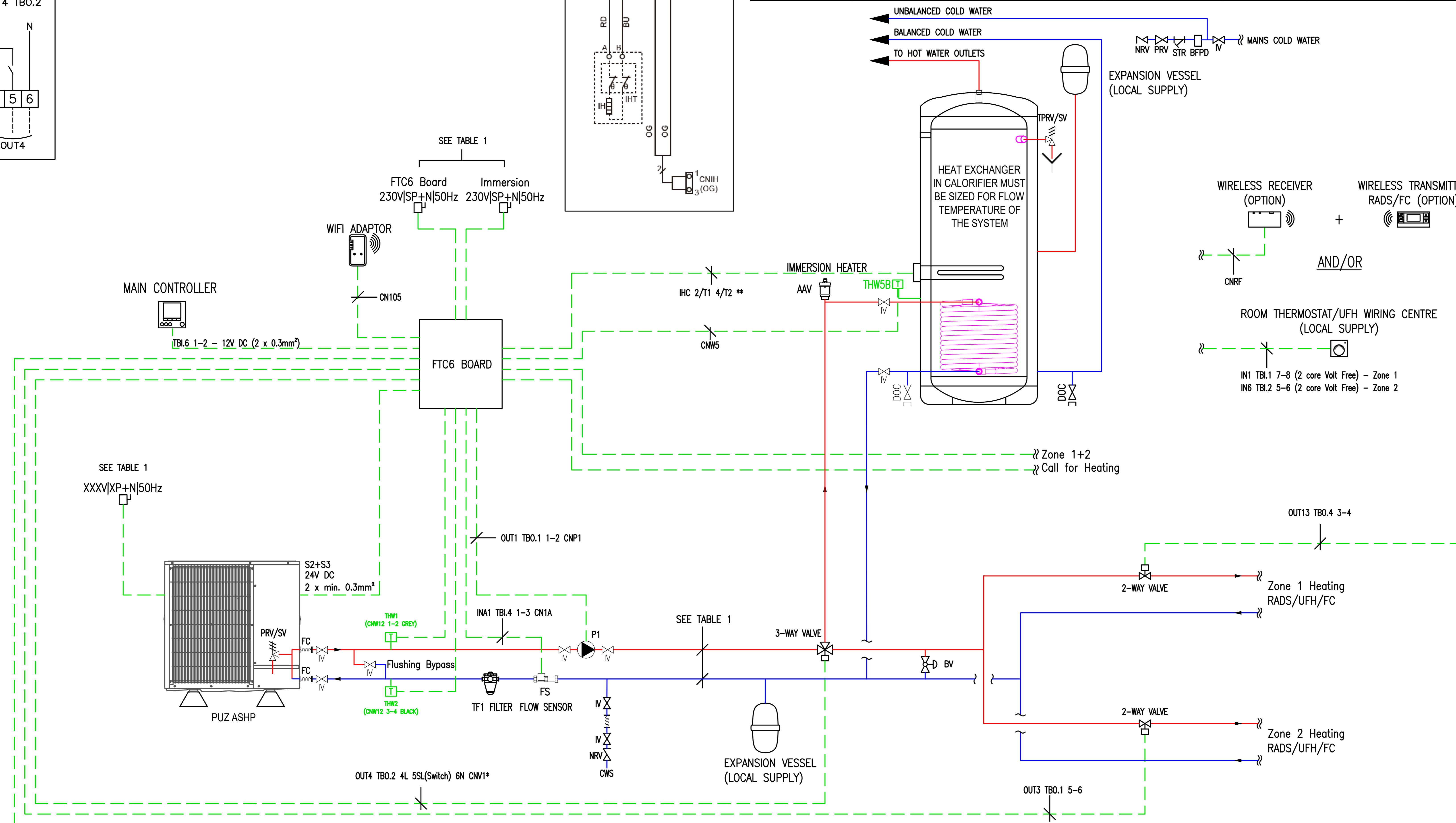
PROJECT
 FTC6 Standalone w/ Third Party Cylinder
 2 x Heating

TITLE
 MECHANICAL SERVICES
 MITSUBISHI ECODAN FTC6
 STANDALONE WITH THIRD PARTY CYLINDER
 2 HEATING ZONES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JANUARY 2021
DRAWN M. ABDIHKIM	DESIGNED M. ABDIHKIM	INIT R. TAYLOR
DRAWING NUMBER MEU-UK/FTC6/WMXXX/STP/2Z	REVISION 2	

NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
- Flexible connections shall be used to connect the Ecodan unit to the primary pipe work.
- It is the responsibility of the installing contractor to provide adequate protection against freezing of pipe work. MEUK recommend 25% glycol dosage of the primary circuit. If the water circuit freezes and damages the equipment the warranty will become void.
- All water systems should be designed, installed and commissioned in accordance with industry good practice guidelines; such as, but not limited to: BSRIA Guide BG2/2010 - Water System Commissioning, BSRIA Guide BG29/2011 - Pre-Commissioning of Pipework Systems, BSRIA Guide BG50/2013 - Water Treatment for Closed Heating & Cooling Systems, CIBSE Commissioning Code W - Water distribution systems.
- Isolation valves and flushing bypass circuit are recommended for the outdoor unit. This is best practice and not required for warranty purposes.
- The contractor should make the necessary arrangements to ensure the design of the system meets the requirement of the application and comply with all current building regulations.
- All electrical work must be carried out in accordance with the current version of BS7671.
- A back flow prevention device may include check valves, a water meter or an additional PRV.
- If a device that prevents backflow is installed on the cold water supply to the PRV then a means of accommodating expansion due to local warming of the pipe is recommended to be fitted between the device and PRV.



Configuration Settings (from default)

DIP SWITCH	SETTING	FUNCTION
SW2-1 (FTC6)	ON	ZONE1 OPERATION STOP AT THERMOSTAT OPEN
SW2-6 (FTC6)	ON	WITH MIXING TANK
SW2-7 (FTC6)	ON	2-ZONE TEMPERATURE CONTROL
SW2-8 (FTC6)	ON	WITH FLOW SENSOR
SW3-1 (FTC6)	ON	ZONE2 OPERATION STOP AT THERMOSTAT OPEN
SW8-3 (OUTDOOR)	ON	INDEPENDENT POWER SUPPLIES

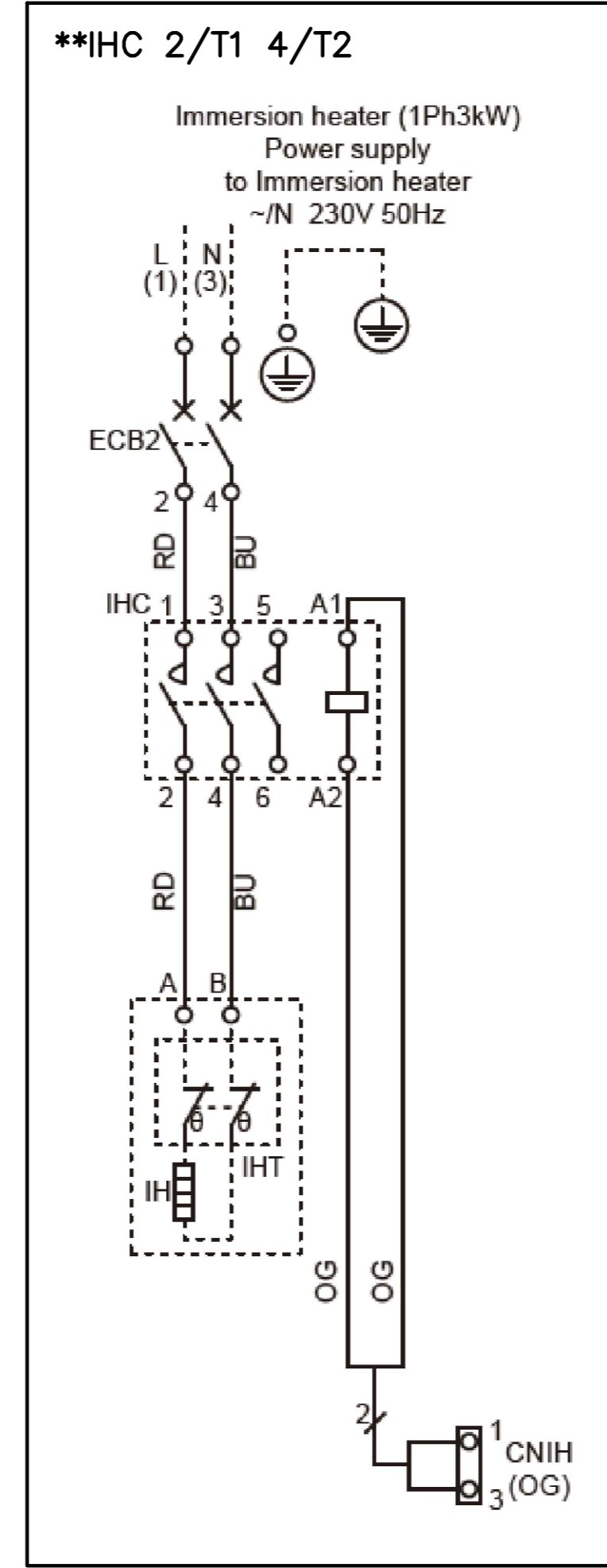
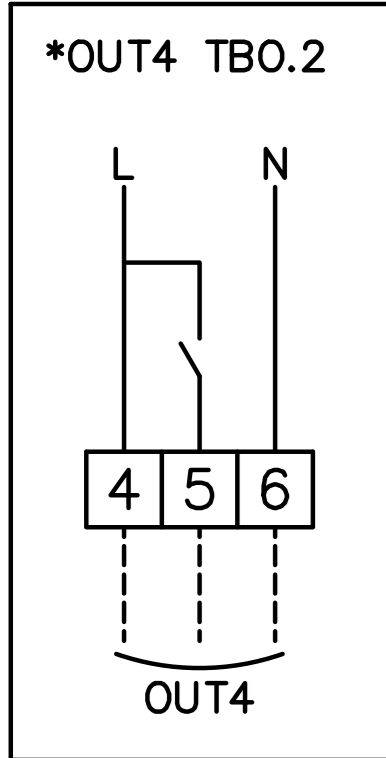
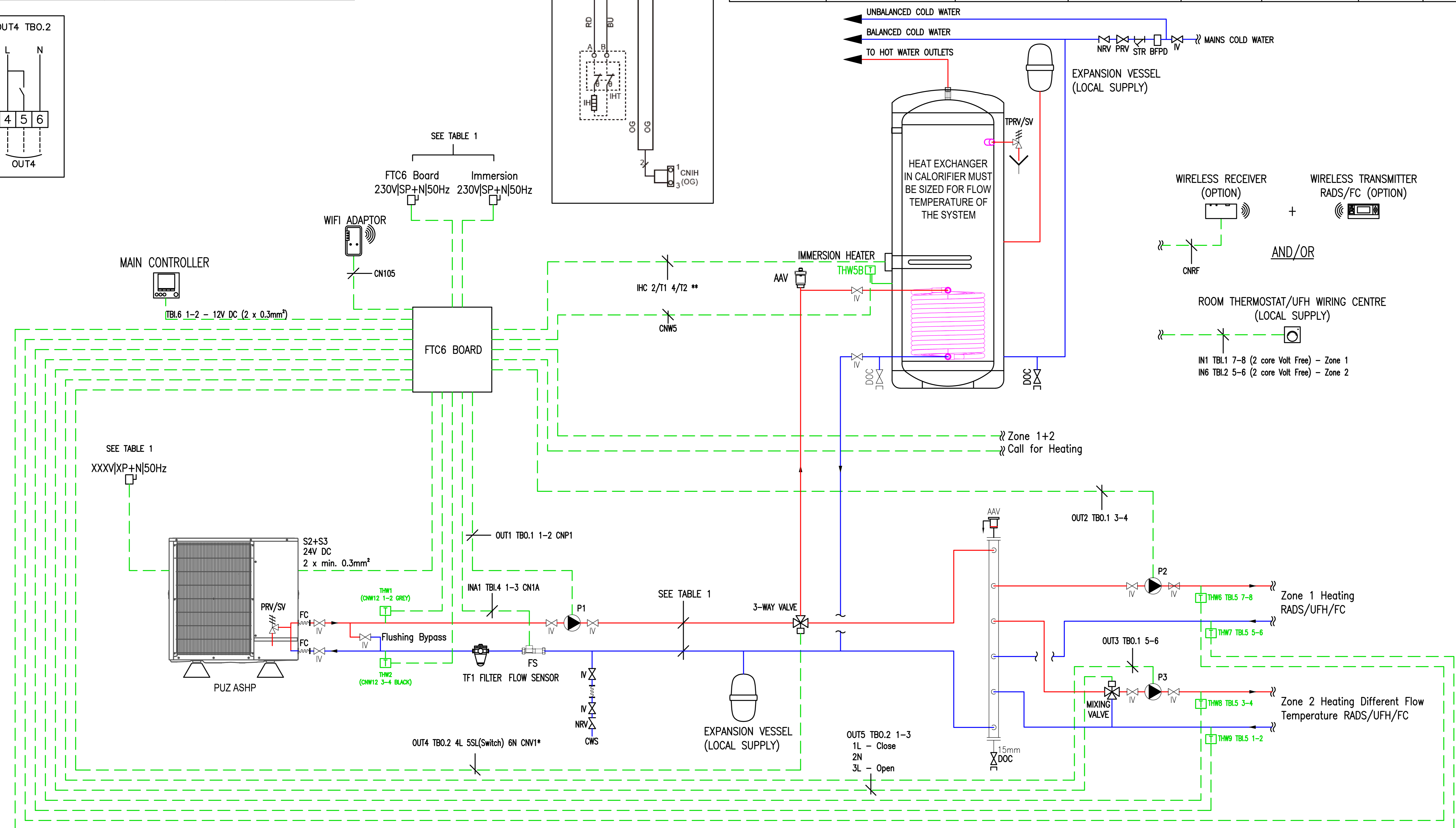


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PUZ-WM112VAA	35	14.4-32.1	16	2	28	32	4
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FTC6 BOARD					10	16	1.5
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LEGEND

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- FS FLOW SENSOR
- SCALE TRAP
- BFPD BACK FLOW PREVENTION DEVICE (if fitted)
- TPRV/SV TEMPERATURE PRESSURE RELIEF VALVE/SAFETY VALVE

REV	DESCRIPTION	DESN	CHKD	DATE

MITSUBISHI ELECTRIC

CLIENT

PROJECT

FTC6 Standalone w/ Third Party Cylinder
2 x Heating Mixed

TITLE

MECHANICAL SERVICES
MITSUBISHI ECODAN FTC6
STANDALONE WITH THIRD PARTY CYLINDER
2 HEATING ZONES
DIFFERENT FLOW TEMPERATURES

SCALE	ORIGINAL SIZE	DATE
NTS	A0	JANUARY 2021

DRAWN	DESIGNED	INIT	CHECKED	INIT
M. ABDIHKAM	M. ABDIHKAM		R. TAYLOR	

DRAWING NUMBER	REVISION
MEU-UK/FTC6/WMXXX/STP/2ZM	2

NOTES

- After removing the air, automatic air vent(s) must be closed.
- The Ecodan outdoor unit must be installed on anti-vibration mounts. Rubber mounting blocks are recommended.
- Adequate provision should be made to prevent condensate from collecting around the outdoor units. A soak away, drip tray or drain socket set can be used.
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