

AQ2000 Series - Hydronic Controls Product Selector

Selection Procedure:

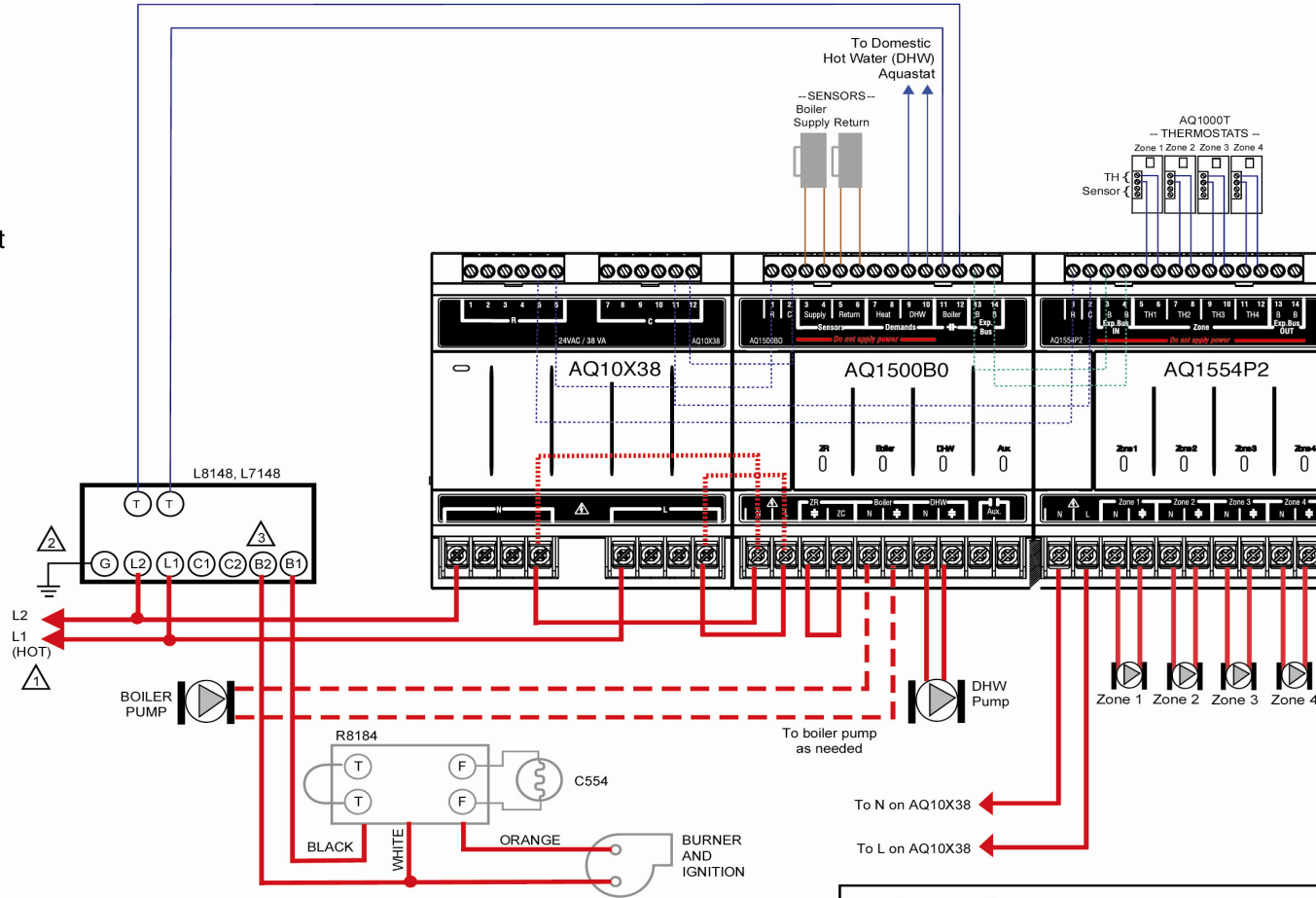
When using AQ2000 controls, selecting components could not be easier. All it takes are four easy steps.

1. Outdoor temperature compensation (reset – yes or no)
2. Zoning equipment (pumps, valves, 2-wire or 4-wire/end switch)
3. Number of zones
4. Thermostats (add one AQ1000TN2 for every zone being controlled)

		No Reset			Reset		
		Zone pumps	Zone valves without end switches	Zone valves with end switches	Zone pumps	Zone valves (2 wire)	Zone valves with end switches
Zoning Module Selection	1-4 zones	AQ2504B2			AQ2514B2		
			AQ2504B2			AQ2514B2	
				AQ2504B4			AQ2514B4
	5-8 zones	AQ2504B2 + AQ2554P2X			AQ2514B2 + AQ2554P2X		
			AQ2504B2 + AQ2554V2			AQ2514B2 + AQ2554V2	
				AQ2504B4 + AQ2574V4			AQ2514B4 + AQ2574V4
	9-12 zones	AQ2504B2 + AQ2558P2X			AQ2514B2 + AQ2558P2X		
			AQ2504B2 + AQ2554V2 (2)			AQ2514B2 + AQ2554V2 (2)	
				AQ2504B4 + AQ2574V4 (2)			AQ2514B4 + AQ2574V4 (2)
	13-16 zones	AQ2504B2 + AQ2558P2X + AQ2554P2X			AQ2514B2 + AQ2558P2X + AQ2554P2X		
			AQ2504B2 + AQ2554V2 (3)			AQ2514B2 + AQ2554V2 (3)	
				AQ2504B4 + AQ2574V4 (3)			AQ2514B4 + AQ2574V4 (3)

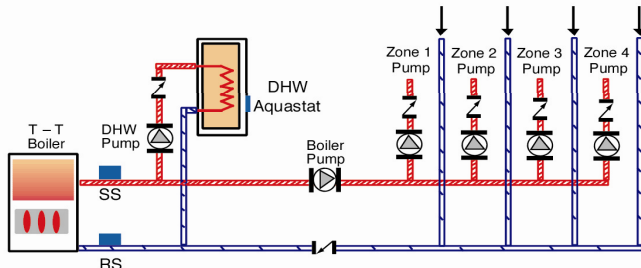
AQ2504B2 (Pumps)

Electrical Connections to Single Aquastat



- POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS** Supply Sensor
- RS** Return Sensor

NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.

BILL OF MATERIAL

Parts	Quantity
AQ2504B2	1
AQ1000TN2	4
ZONE PUMPS	4
DHW PUMP	1

Suggested Accessories Available from Honeywell:

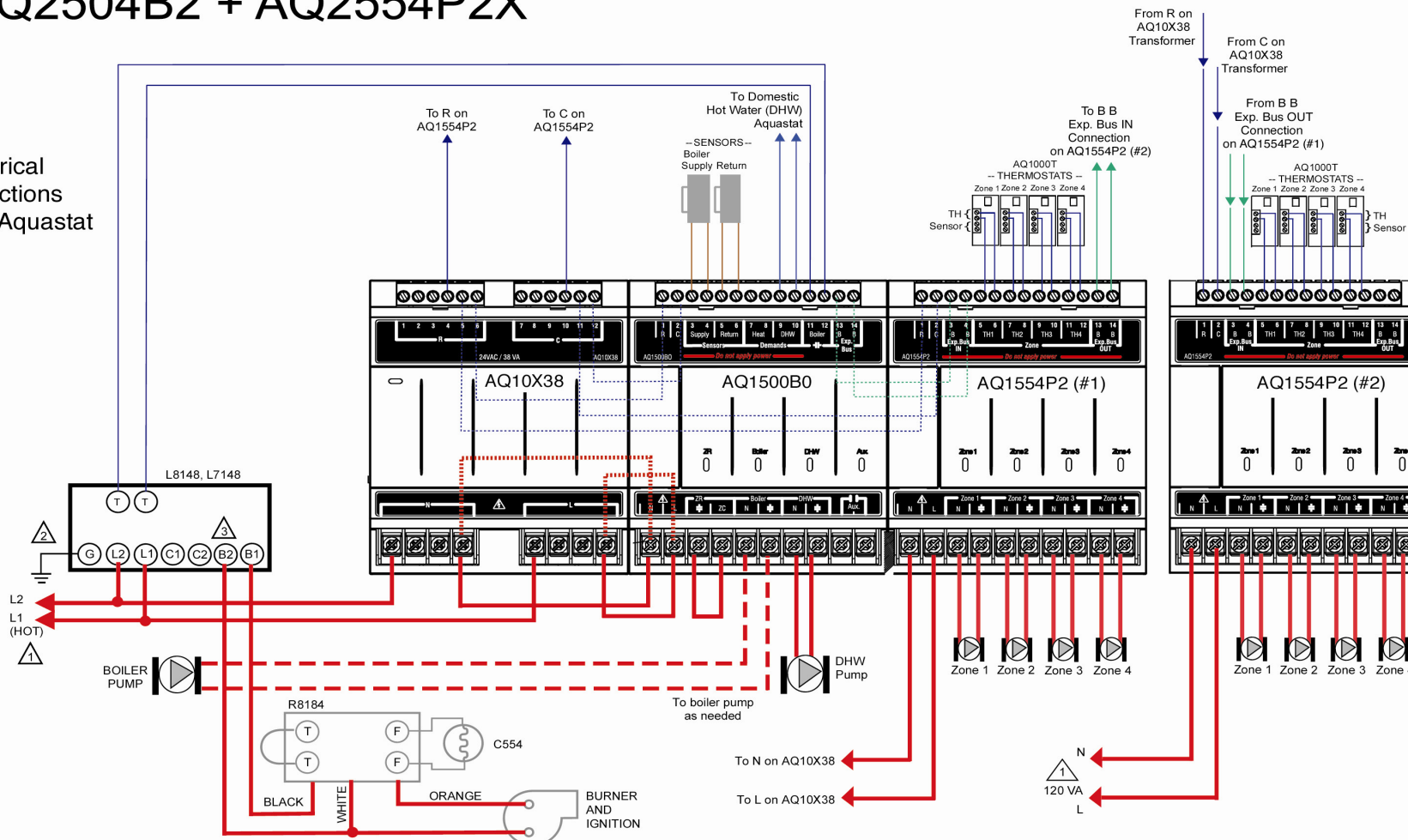
- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

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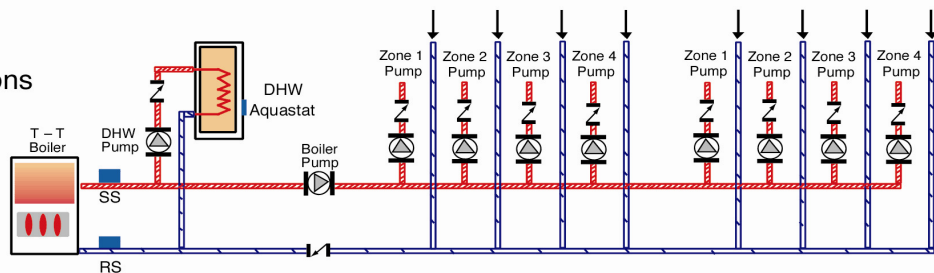
AQ2504B2 + AQ2554P2X

Electrical Connections to Single Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)

SS Supply Sensor
RS Return Sensor

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Parts	Quantity
AQ2504B2	1
AQ2554P2X	1
AQ1000TN2	8
ZONE PUMPS	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- #### Hydronic Controls
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

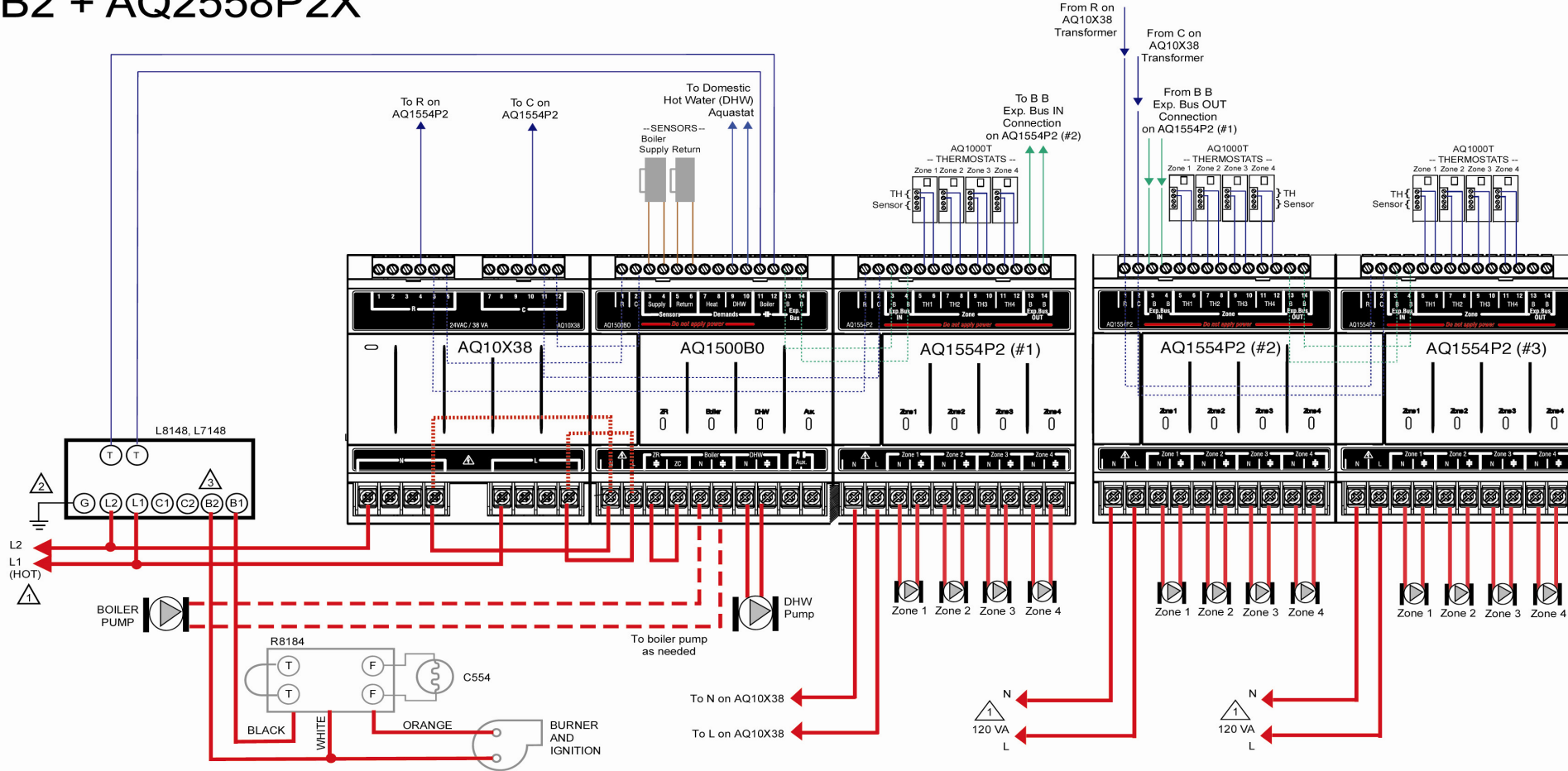
- #### Potable Controls
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

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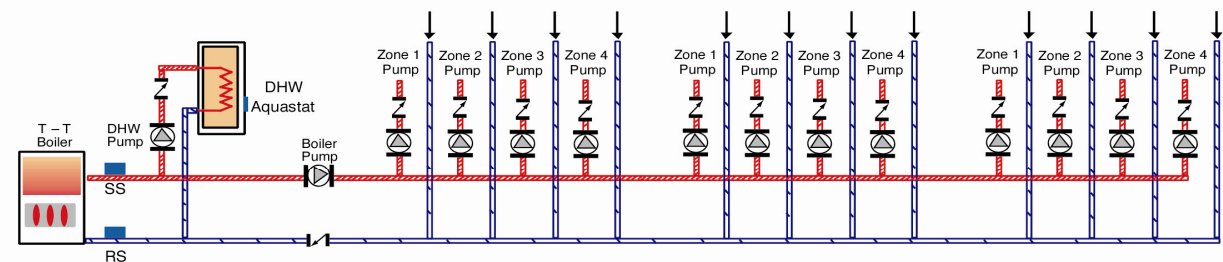
AQ2504B2 + AQ2558P2X

Electrical Connections to Single Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2504B2	1
AQ2558P2X	1
AQ1000TN2	12
ZONE PUMPS	12
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

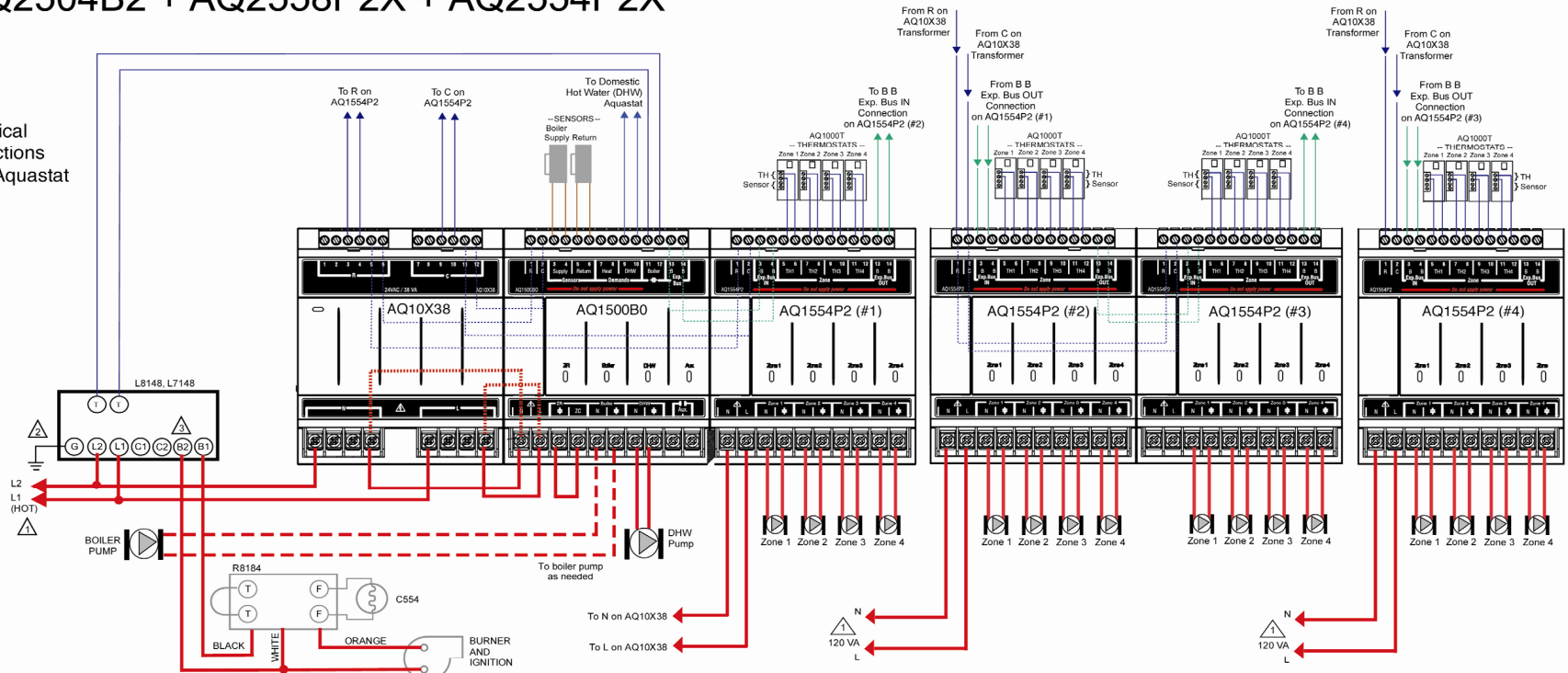
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

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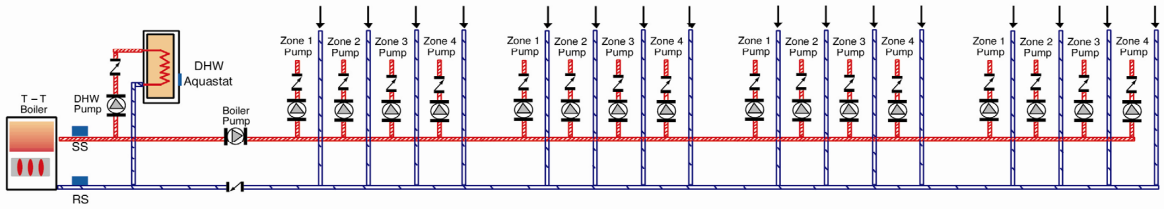
AQ2504B2 + AQ2558P2X + AQ2554P2X

Electrical Connections to Single Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
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Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2504B2	1
AQ2558P2X	1
AQ2554P2X	1
AQ1000TN2	16
ZONE PUMPS	16
DHW PUMP	1

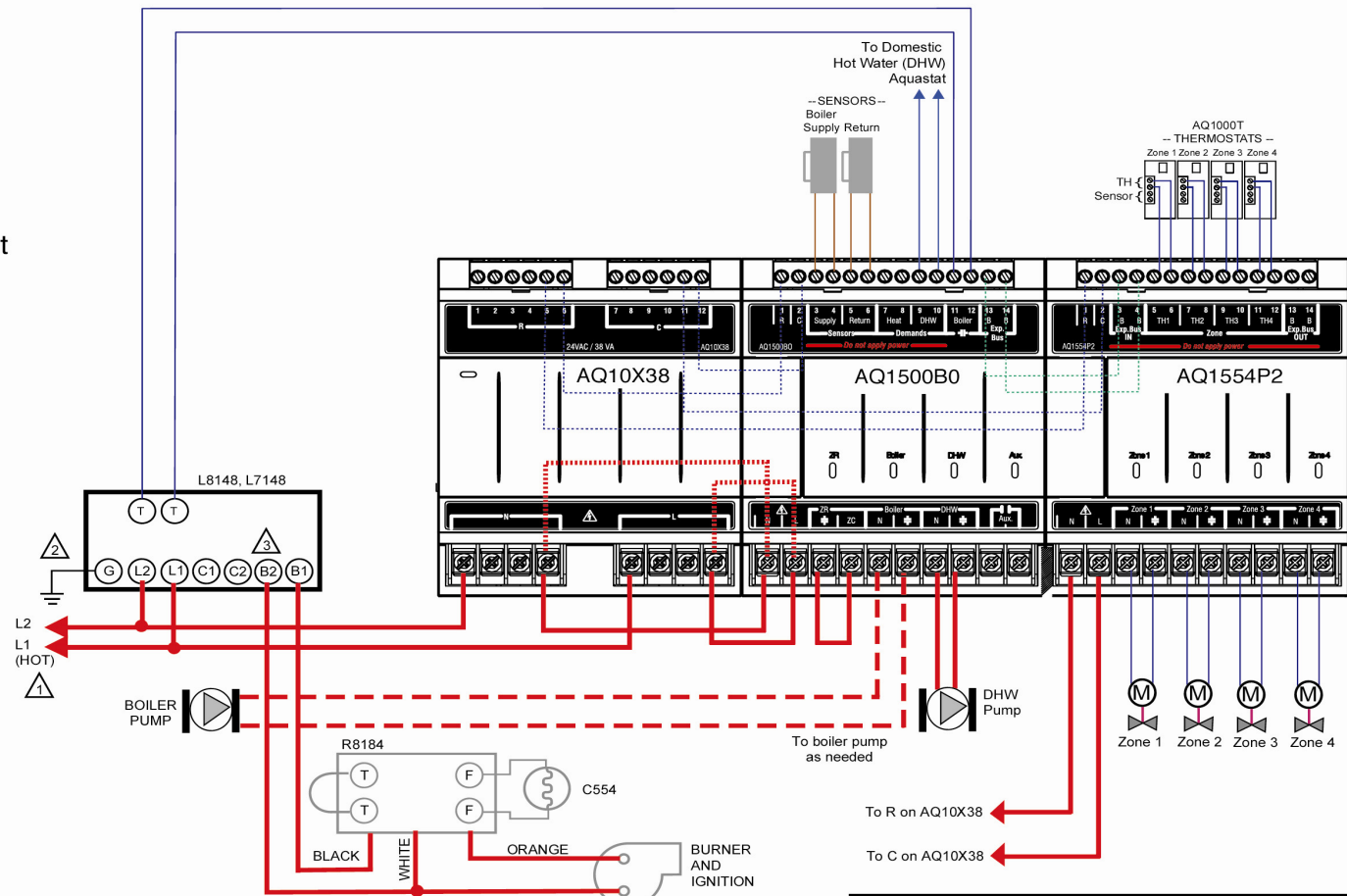
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- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

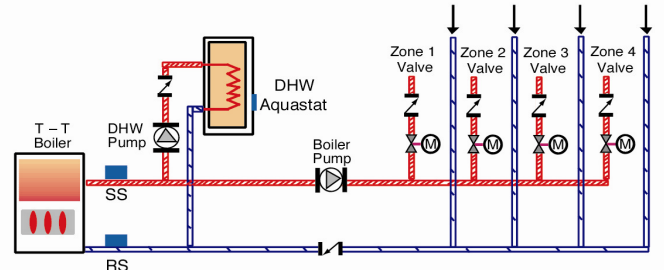
AQ2504B2 (Valves)

Electrical Connections to Single Aquastat



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Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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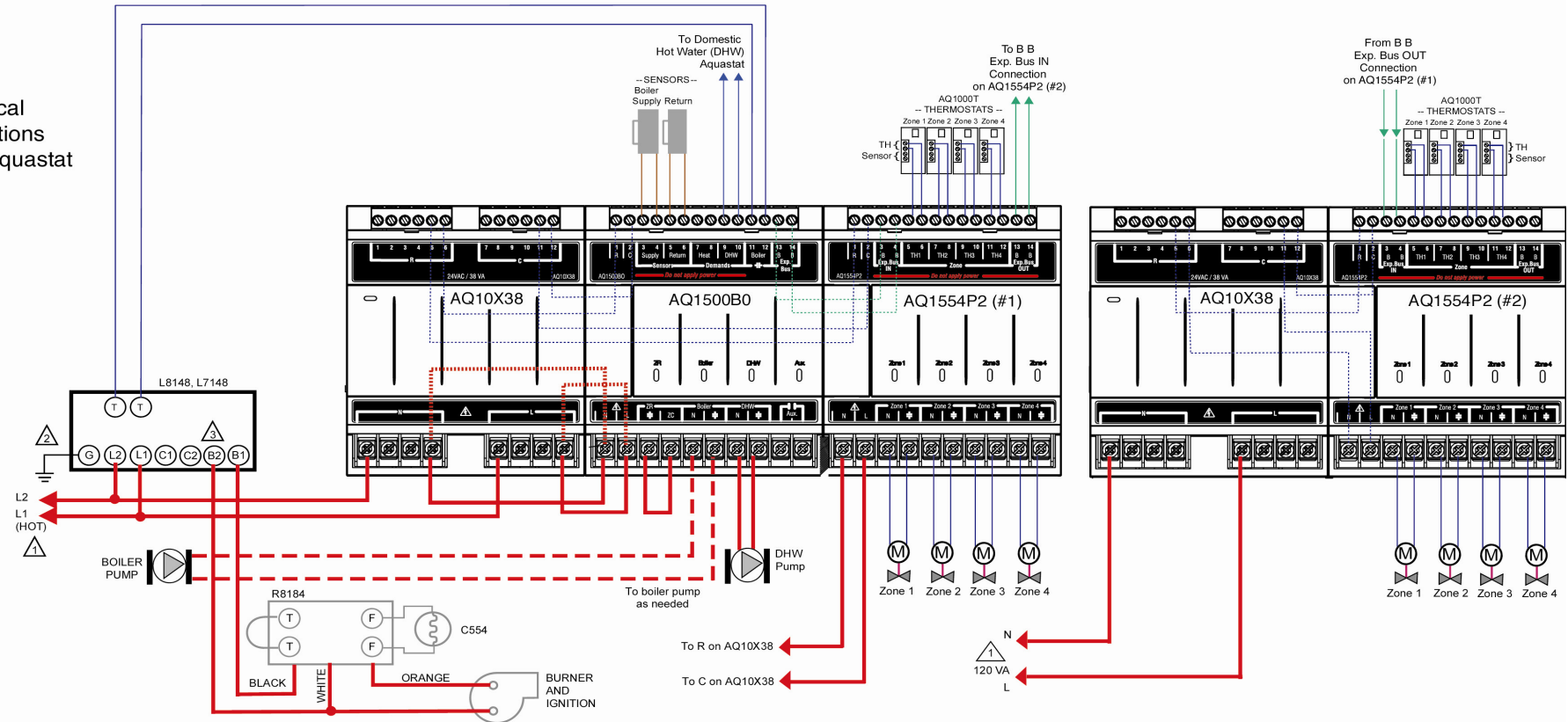
Parts	Quantity
AQ2504B2	1
AQ1000TN2	4
ZONE VALVES	
• V8043A	4
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator*
 - PV Series
 - Expansion Tank or Combo Kit*
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer*
 - FM911
 - Differential Pressure Regulator*
 - D146 Series
 - Radiant Mixing Valve*
 - AM Radiant Series
 - Supply/Return Manifolds*
 - RM & SZ Series
 - Ball Valves (Water Shutoff)*
 - B200 Series
- Potable Controls**
- Thermostatic Mixing Valve*
 - AM Series
 - AMX Series
 - Pressure Reducing Valve*
 - DS05
 - DS06

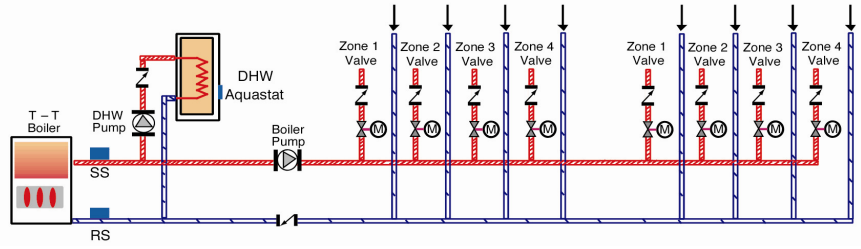
AQ2504B2 + AQ2554V2

Electrical Connections to Single Aquastat



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- 3 B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2504B2	1
AQ2554V2	1
AQ1000TN2	8
ZONE	
• V8043A	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

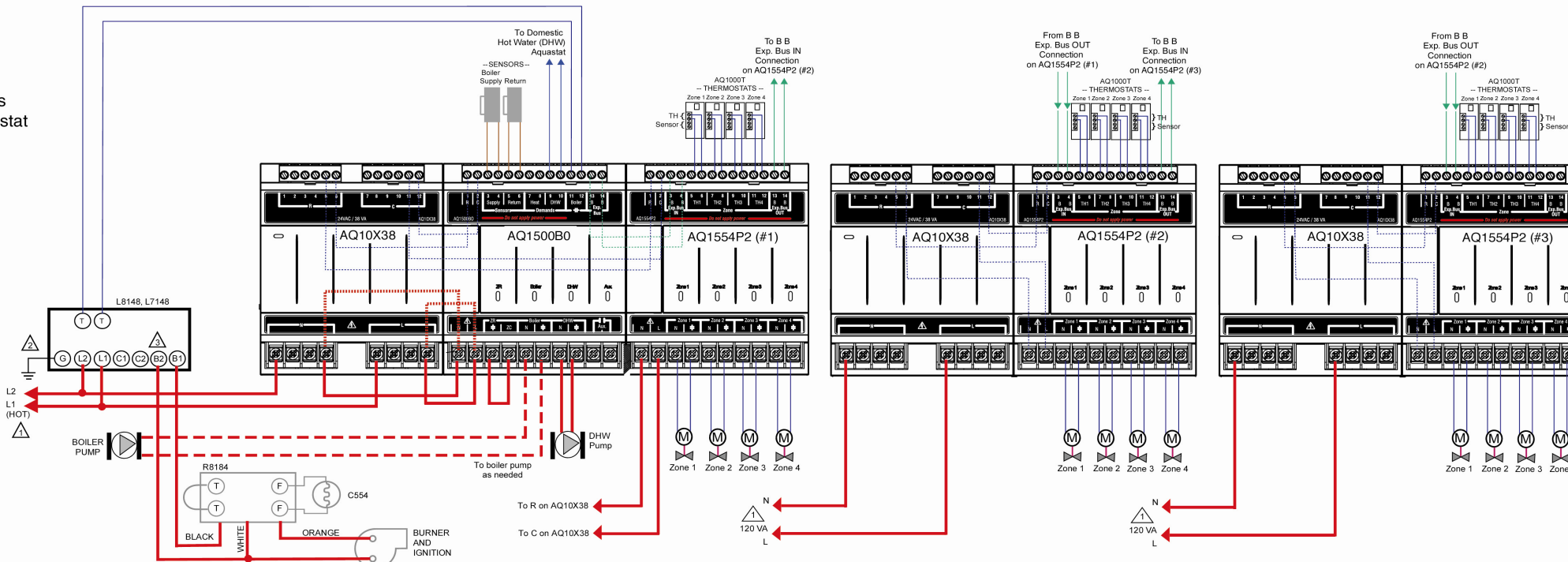
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

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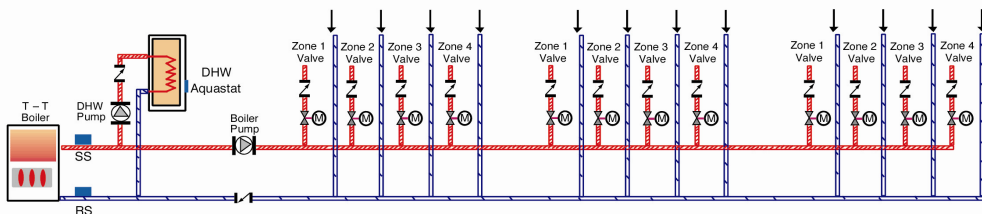
AQ2504B2 + AQ2554V2(2)

Electrical Connections to Single Aquastat



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- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



BILL OF MATERIAL

Parts	Quantity
AQ2504B2	1
AQ2554V2	2
AQ1000TN2	12
ZONE VALVES	
• V8043A	12
DHW PUMP	1

Suggested Accessories Available from Honeywell:

Hydronic Controls

- Air Eliminator
- PV Series
- Expansion Tank or Combo Kit
- TK Series
- Boiler Fill Valve & Back Flow Preventer
- FM911
- Differential Pressure Regulator
- D146 Series
- Radiant Mixing Valve
- AM Radiant Series
- Supply/Return Manifolds
- RM & SZ Series
- Ball Valves (Water Shutoff)
- B200 Series

Potable Controls

- Thermostatic Mixing Valve
- AM Series
- AMX Series
- Pressure Reducing Valve
- DS05
- DS06

Legend

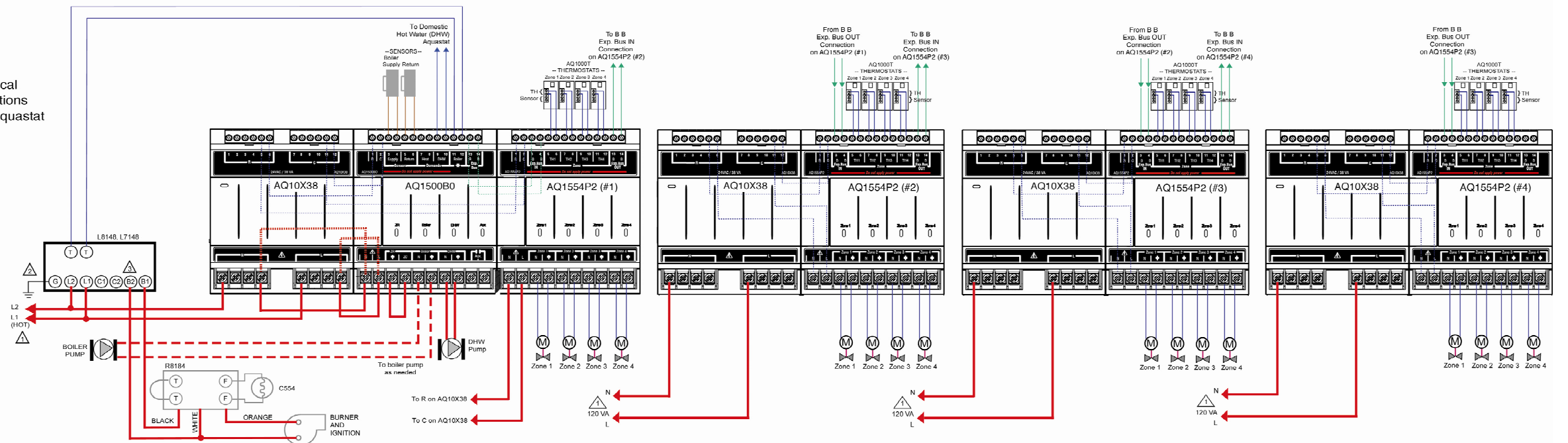
- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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AQ2504B2 + AQ2554V2(3)

Electrical Connections to Single Aquastat

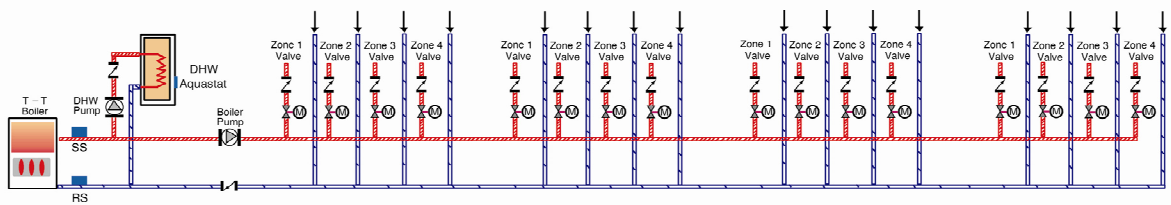


- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

Piping Connections



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BILL OF MATERIAL

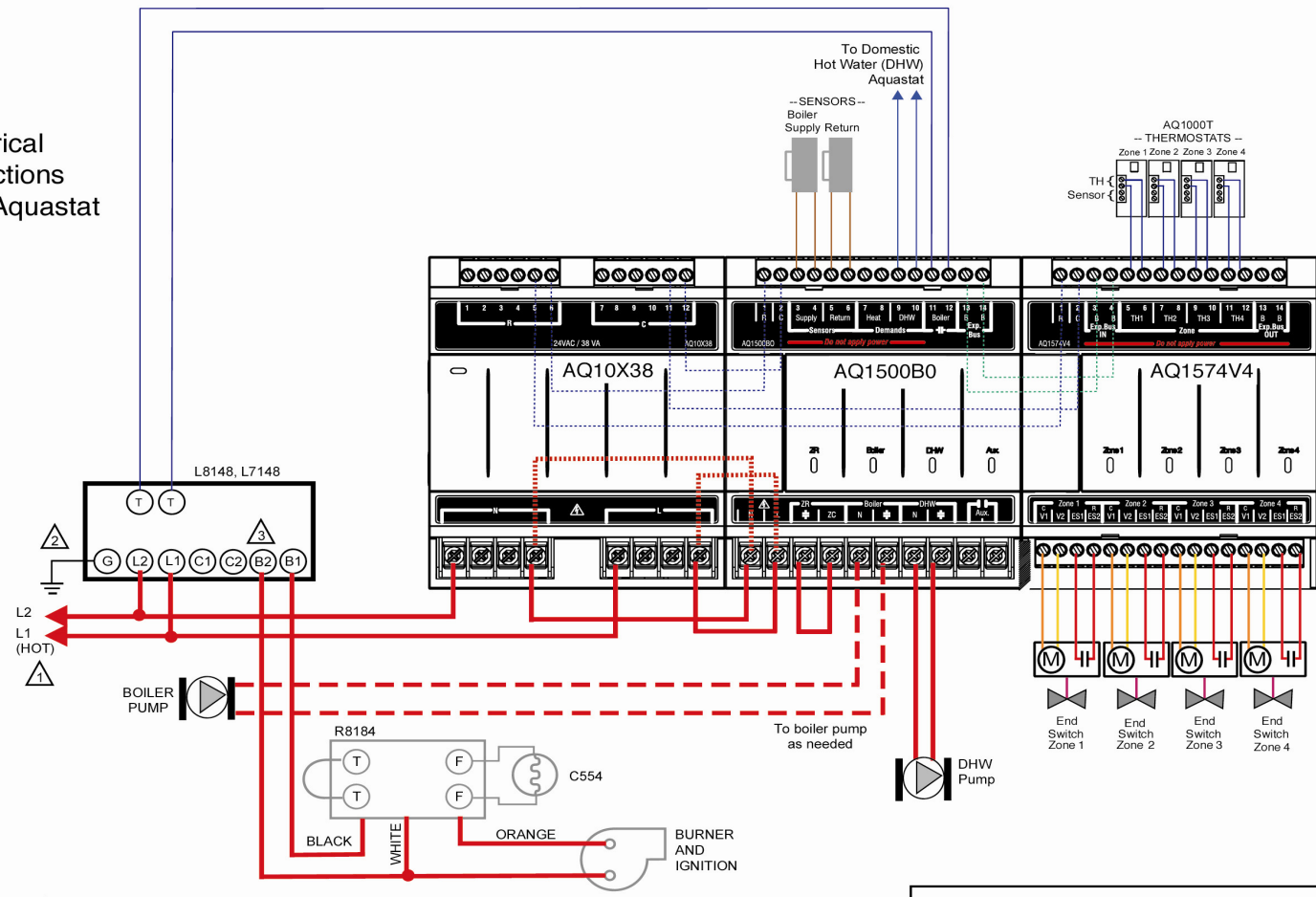
Parts	Quantity
AQ2504B2	1
AQ2554V2	3
AQ1000TN2	16
ZONE VALVES - V8043A	16
DHW PUMP	1

- Suggested Accessories Available from Honeywell:**
- | | |
|---|---------------------------|
| Hydronic Controls | Potable Controls |
| Air Eliminator | Thermostatic Mixing Valve |
| • PV Series | • AM Series |
| Expansion Tank or Combo Kit | • AMX Series |
| • TK Series | Pressure Reducing Valve |
| Boiler Fill Valve & Back Flow Preventer | • DS05 |
| • FM911 | • DS06 |
| Differential Pressure Regulator | |
| • D146 Series | |
| Radiant Mixing Valve | |
| • AM Radiant Series | |
| Supply/Return Manifolds | |
| • RM & SZ Series | |
| Ball Valves (Water Shutoff) | |
| • B200 Series | |

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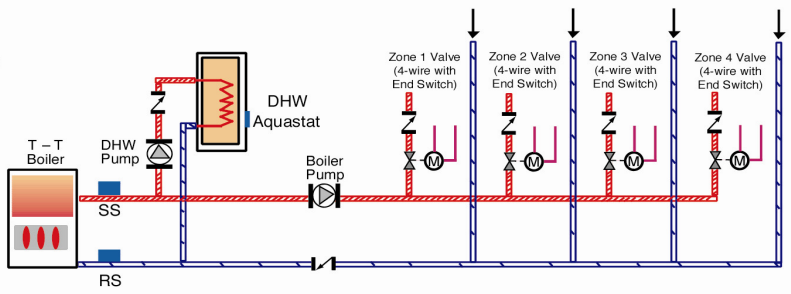
AQ2504B4

Electrical Connections to Single Aquastat



- ⚠️ 1 POWER SUPPLY: PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠️ 2 CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠️ 3 B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2504B4	1
AQ1000TN2	4
ZONE VALVES	
• V8043E/F	4
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

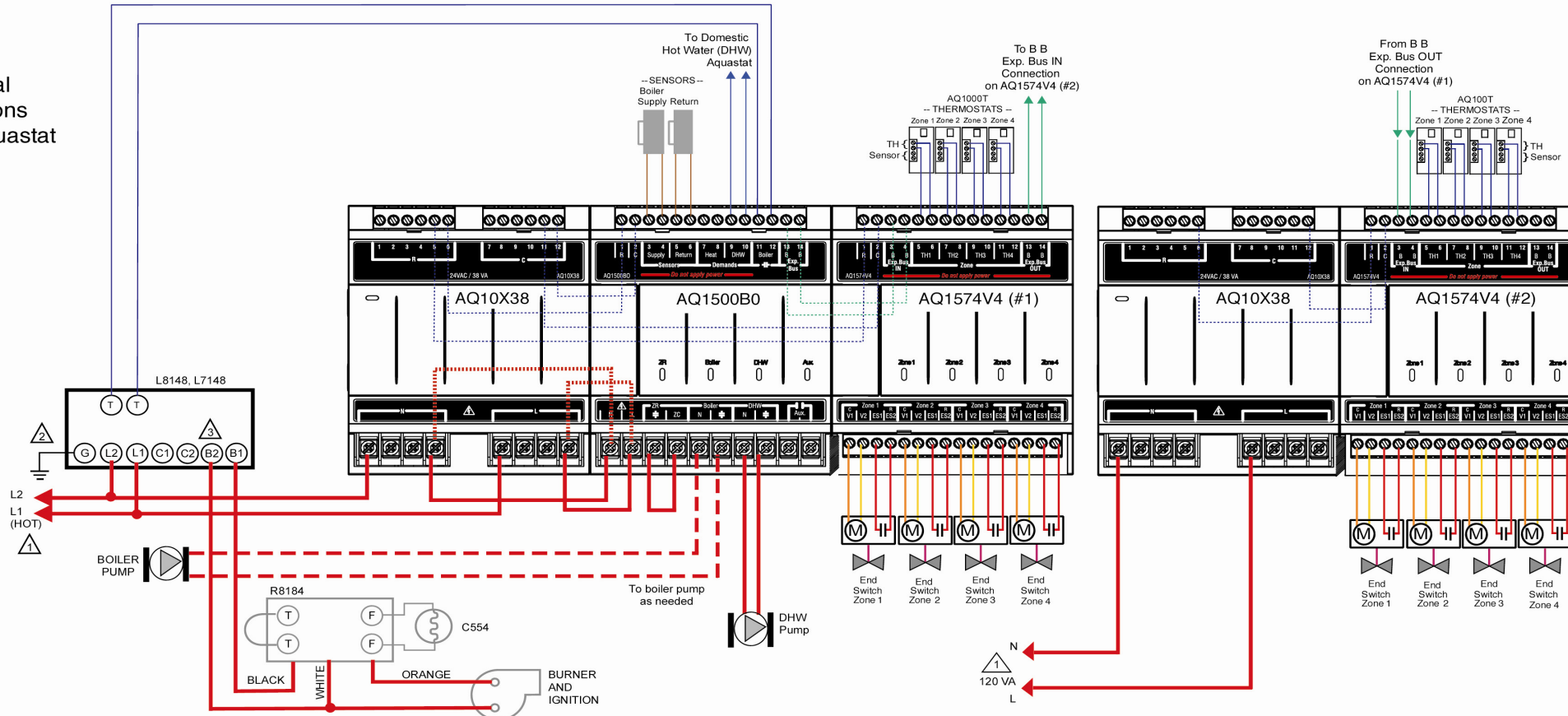
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

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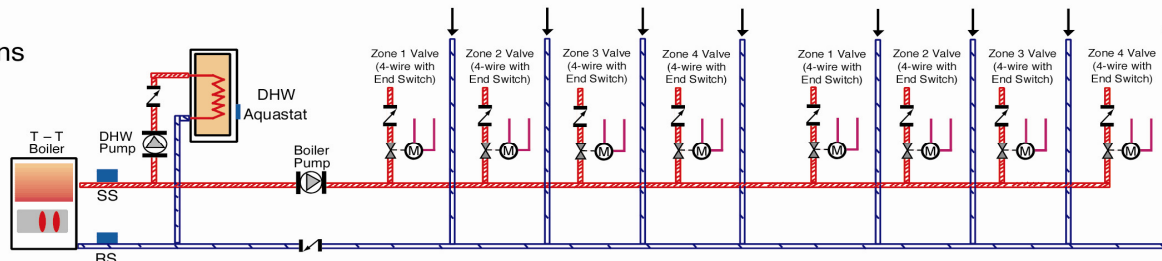
AQ2504B4 + AQ2574V4

Electrical Connections to Single Aquastat



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- 2 CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- 3 B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2504B4	1
AQ2574V4	1
AQ1000TN2	8
ZONE VALVES	
• V8043E/F	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

Hydronic Controls

- Air Eliminator*
- PV Series
- Expansion Tank or Combo Kit*
- TK Series
- Boiler Fill Valve & Back Flow Preventer*
- FM911
- Differential Pressure Regulator*
- D146 Series
- Radiant Mixing Valve*
- AM Radiant Series
- Supply/Return Manifolds*
- RM & SZ Series
- Ball Valves (Water Shutoff)*
- B200 Series

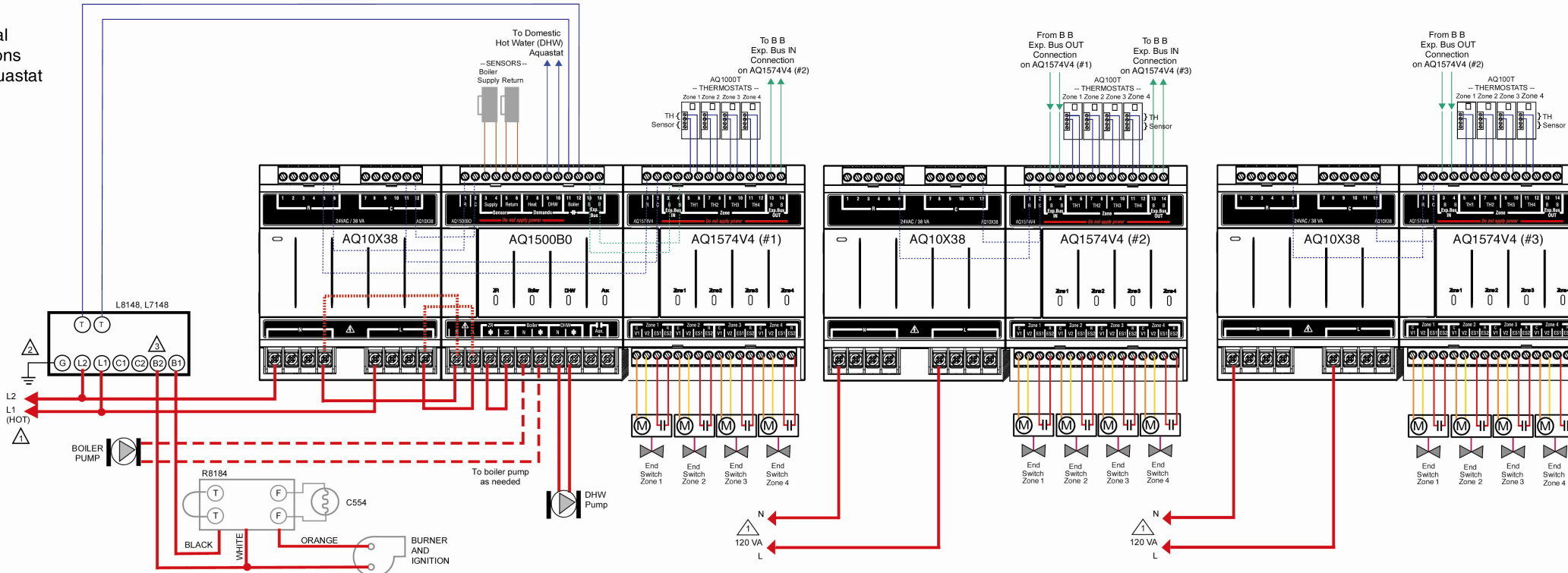
Potable Controls

- Thermostatic Mixing Valve*
- AM Series
- AMX Series
- Pressure Reducing Valve*
- DS05
- DS06

AQ2504B4 + AQ2574V4(2)

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Electrical Connections to Single Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚡ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⓑ B1 IS 1/4 IN. TAB TERMINAL.

Parts	Quantity
AQ2504B4	1
AQ2574V4	2
AQ1000TN2	12
ZONE VALVES	
• V8043E/F	12
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- PV Series
- Expansion Tank or Combo Kit**
- TK Series
- Boiler Fill Valve & Back Flow Preventer**
- FM911
- Differential Pressure Regulator**
- D146 Series
- Radiant Mixing Valve**
- AM Radiant Series
- Supply/Return Manifolds**
- RM & SZ Series
- Ball Valves (Water Shutoff)**
- B200 Series

- Potable Controls**
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- AM Series
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- Pressure Reducing Valve**
- DS05
 - DS06

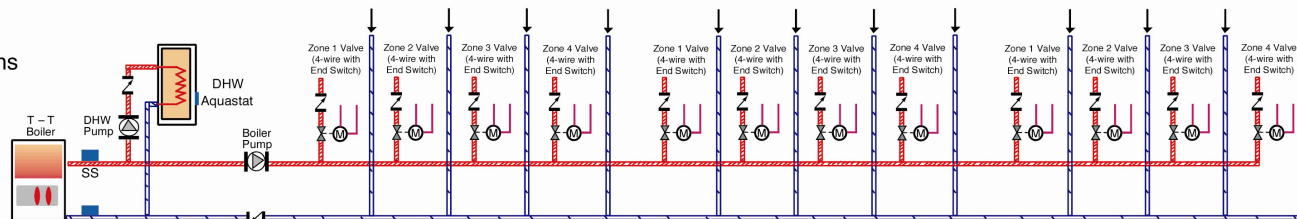
Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)

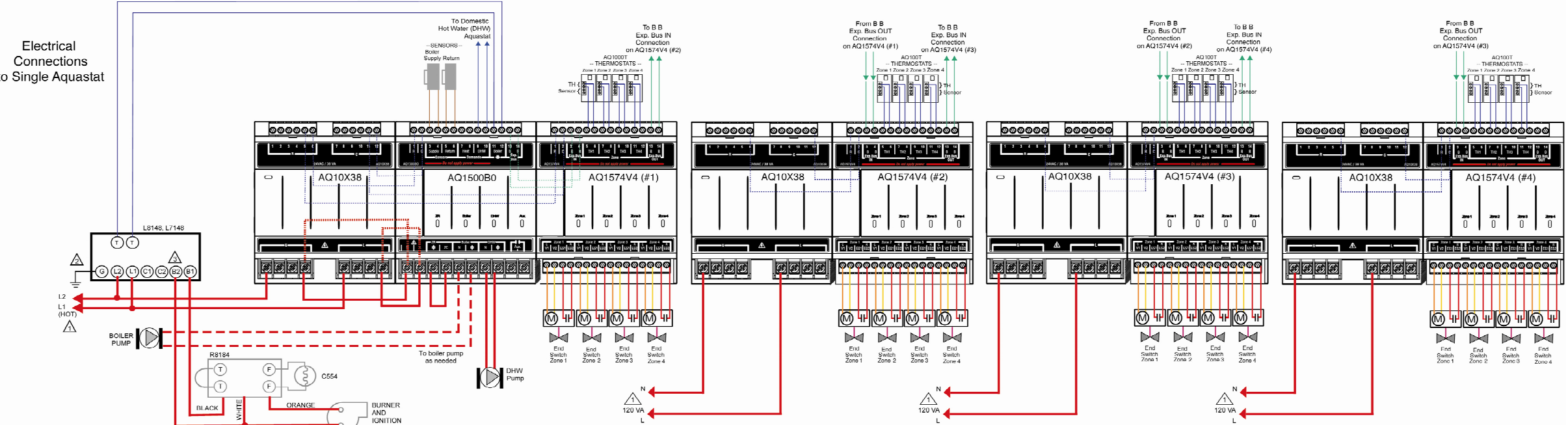
SS Supply Sensor
RS Return Sensor

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Piping Connections



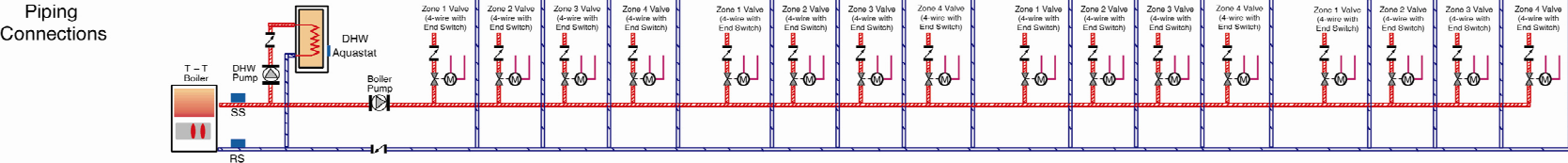
AQ2504B4 + AQ2574V4(3)



- ⚠ POWER SUPPLY PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor



NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.

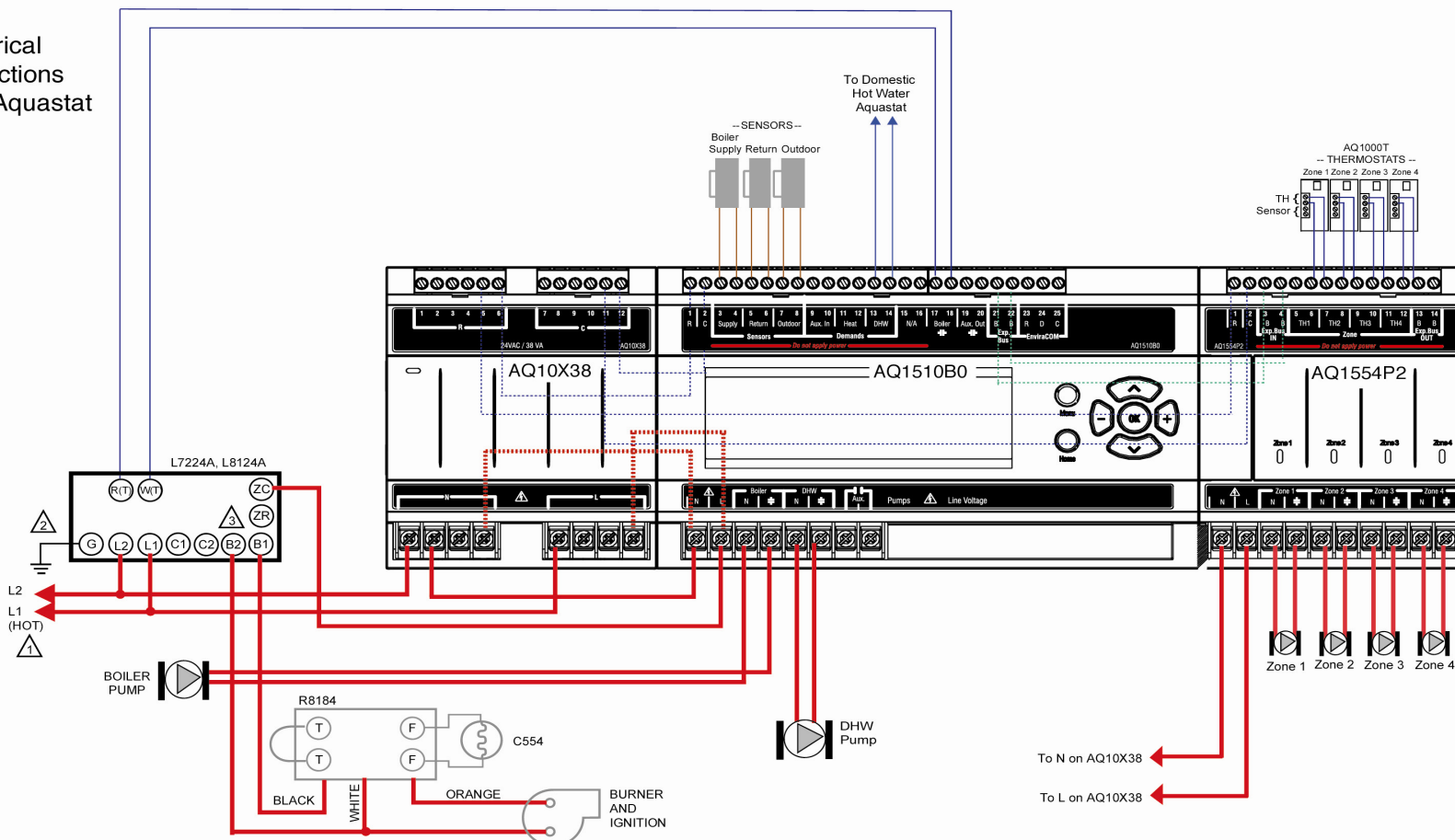
BILL OF MATERIAL

Parts	Quantity
AQ2504B4	1
AQ2574V4	3
AQ1000TN2	16
ZONE VALVES	16
DHW PUMP	1

- Suggested Accessories Available from Honeywell:**
- | | |
|---|---------------------------|
| Hydronic Controls | Potable Controls |
| Air Eliminator | Thermostatic Mixing Valve |
| • PV Series | • AM Series |
| Expansion Tank or Combo Kit | • AMX Series |
| • TK Series | Pressure Reducing Valve |
| Boiler Fill Valve & Back Flow Preventer | • DS05 |
| • FM911 | • DS06 |
| Differential Pressure Regulator | |
| • D146 Series | |
| Radiant Mixing Valve | |
| • AM Radiant Series | |
| Supply/Return Manifolds | |
| • RM & SZ Series | |
| Ball Valves (Water Shutoff) | |
| • B200 Series | |

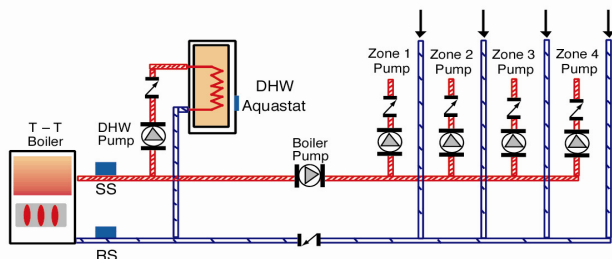
AQ2514B2 (Pumps)

Electrical Connections to Triple Aquastat



- 1 POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- 2 CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- 3 B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ1000TN2	4
ZONE PUMPS	4
DHW PUMP	1

Suggested Accessories Available from Honeywell:

Hydronic Controls

- Air Eliminator*
 - PV Series
- Expansion Tank or Combo Kit*
 - TK Series
- Boiler Fill Valve & Back Flow Preventer*
 - FM911
- Differential Pressure Regulator*
 - D146 Series
- Radiant Mixing Valve*
 - AM Radiant Series
- Supply/Return Manifolds*
 - RM & SZ Series
- Ball Valves (Water Shutoff)*
 - B200 Series

Potable Controls

- Thermostatic Mixing Valve*
 - AM Series
 - AMX Series
- Pressure Reducing Valve*
 - DS05
 - DS06

Legend

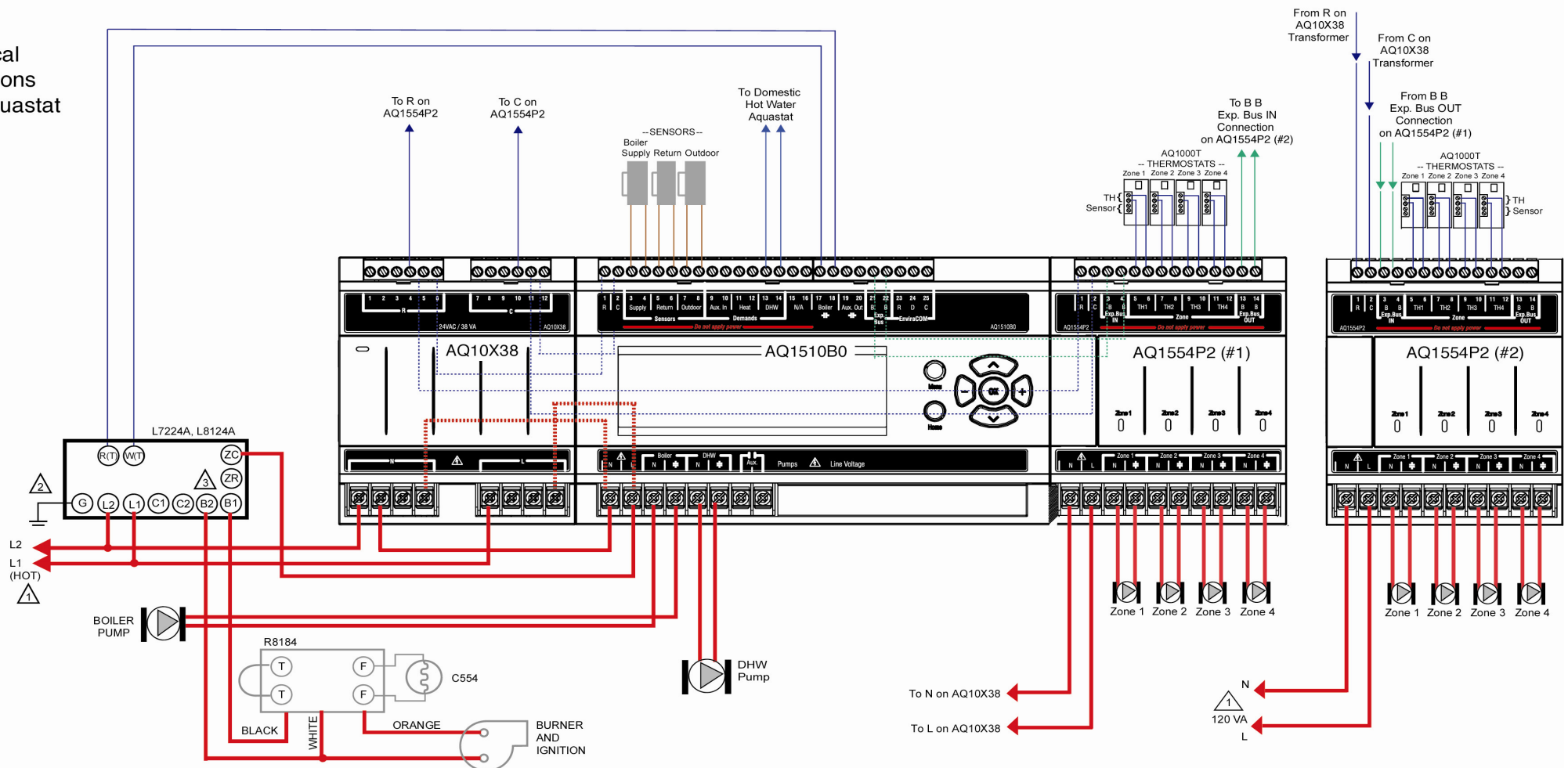
- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)

SS Supply Sensor
RS Return Sensor

NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.

AQ2514B2 + AQ2554P2X

Electrical Connections to Triple Aquastat



BILL OF MATERIAL

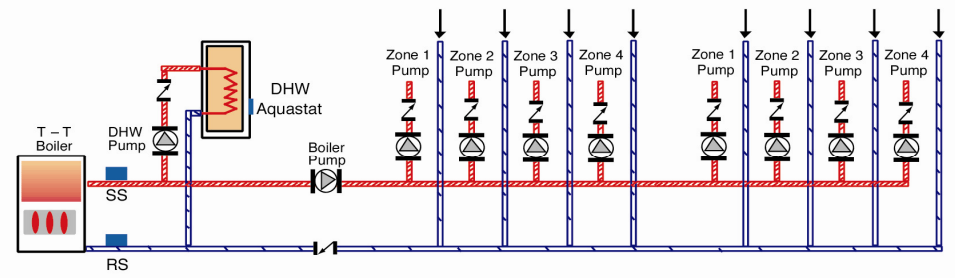
Parts	Quantity
AQ2514B2	1
AQ2554P2X	1
AQ1000TN2	8
ZONE PUMPS	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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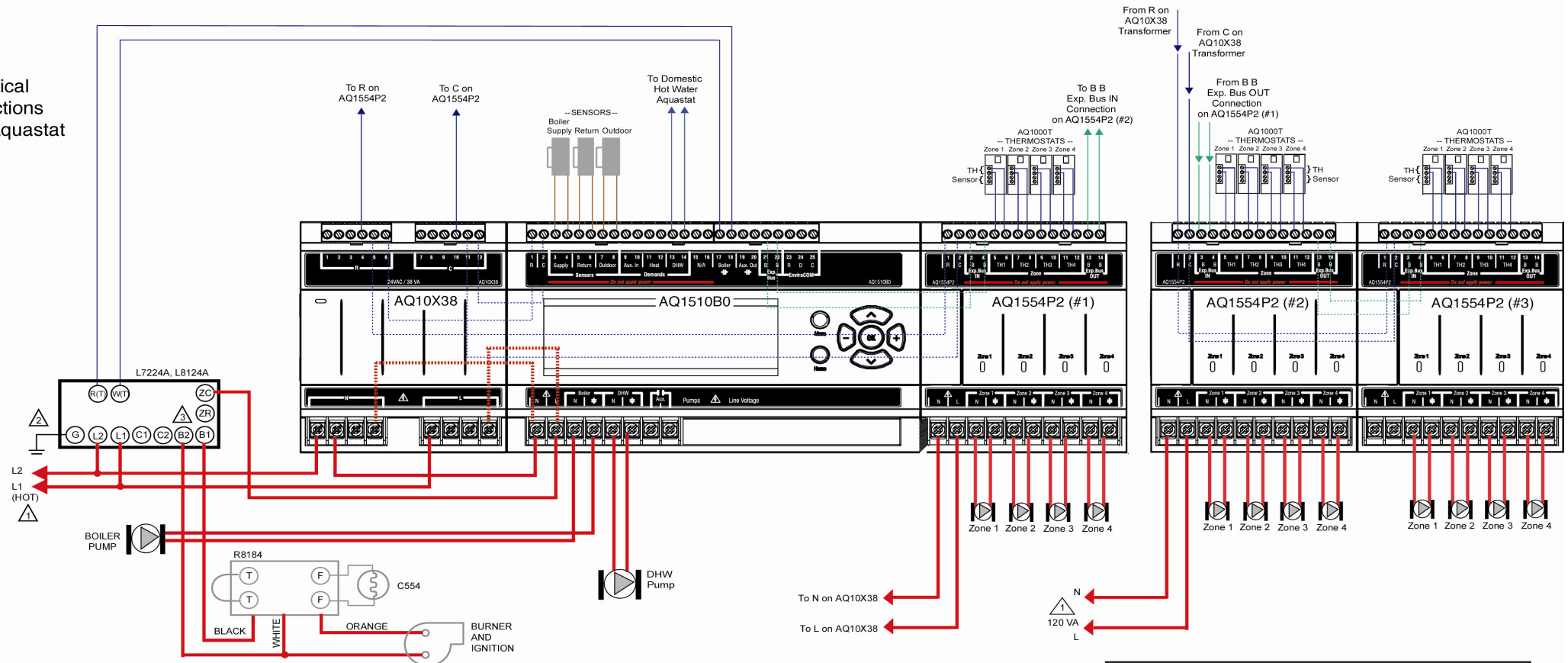
- 1 POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- 2 CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- 3 B1 IS 1/4 IN. TAB TERMINAL.

Please select 'Current Page' to print single page.

To print on legal size paper, select Properties → Advanced under Paper Size, select Legal.

AQ2514B2 + AQ2558P2X

Electrical Connections to Triple Aquastat

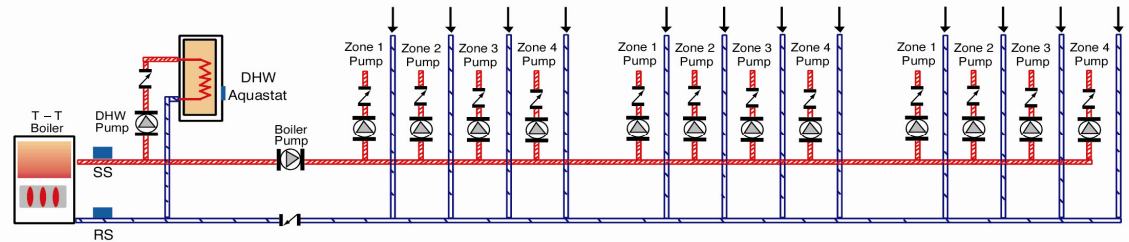


- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚡ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- Ⓜ B1 IS 1/4 IN. TAB TERMINAL.

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

Piping Connections



Parts	Quantity
AQ2514B2	1
AQ2558P2X	1
AQ1000TN2	12
ZONE PUMPS	12
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- #### Hydronic Controls
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- #### Potable Controls
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

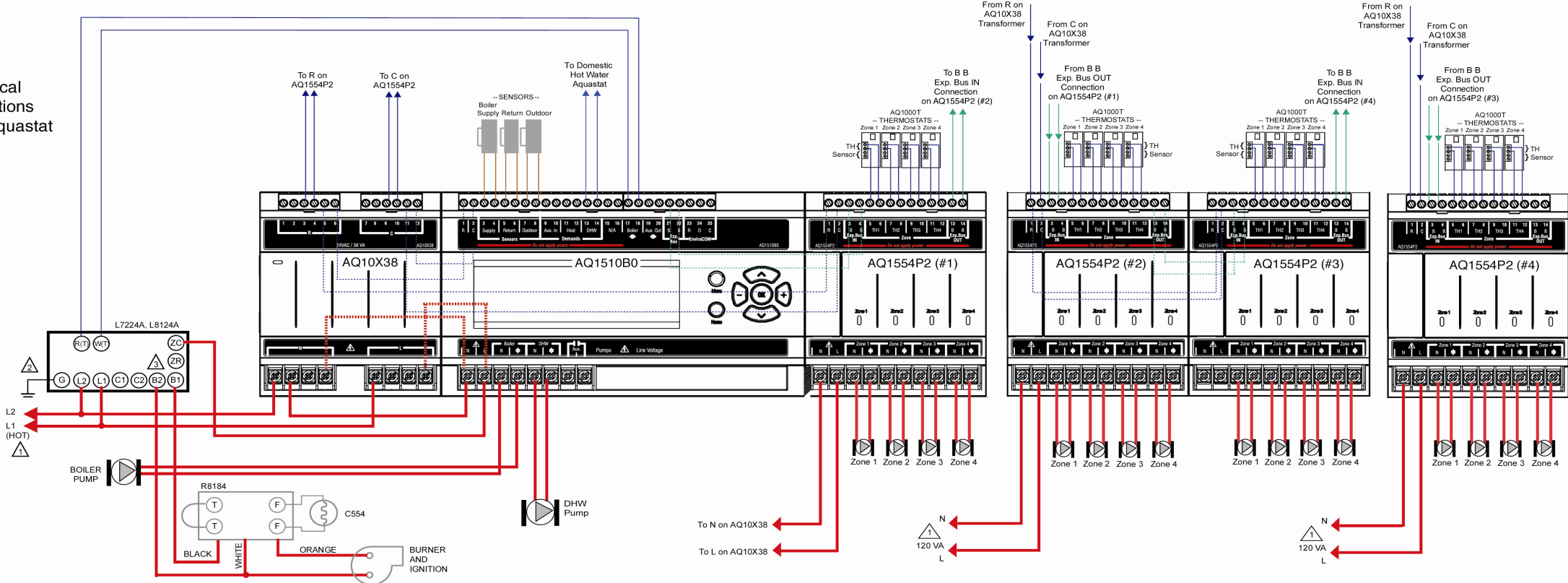
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Please select 'Current Page' to print single page.

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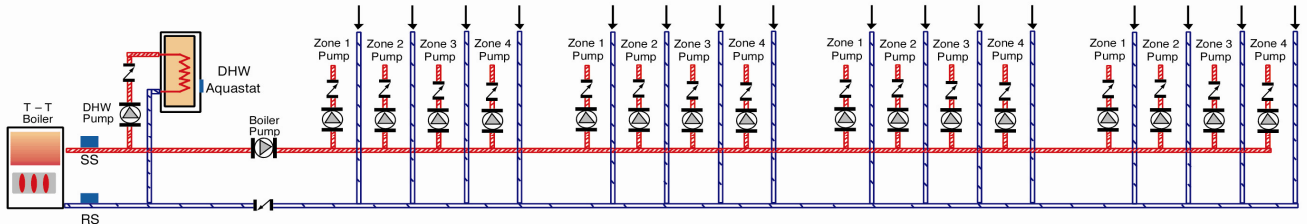
AQ2514B2 + AQ2558P2X + AQ2554P2X

Electrical Connections to Triple Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)

SS Supply Sensor
RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ2558P2X	1
AQ2554P2X	1
AQ1000TN2	16
ZONE PUMPS	16
DHW PUMP	1

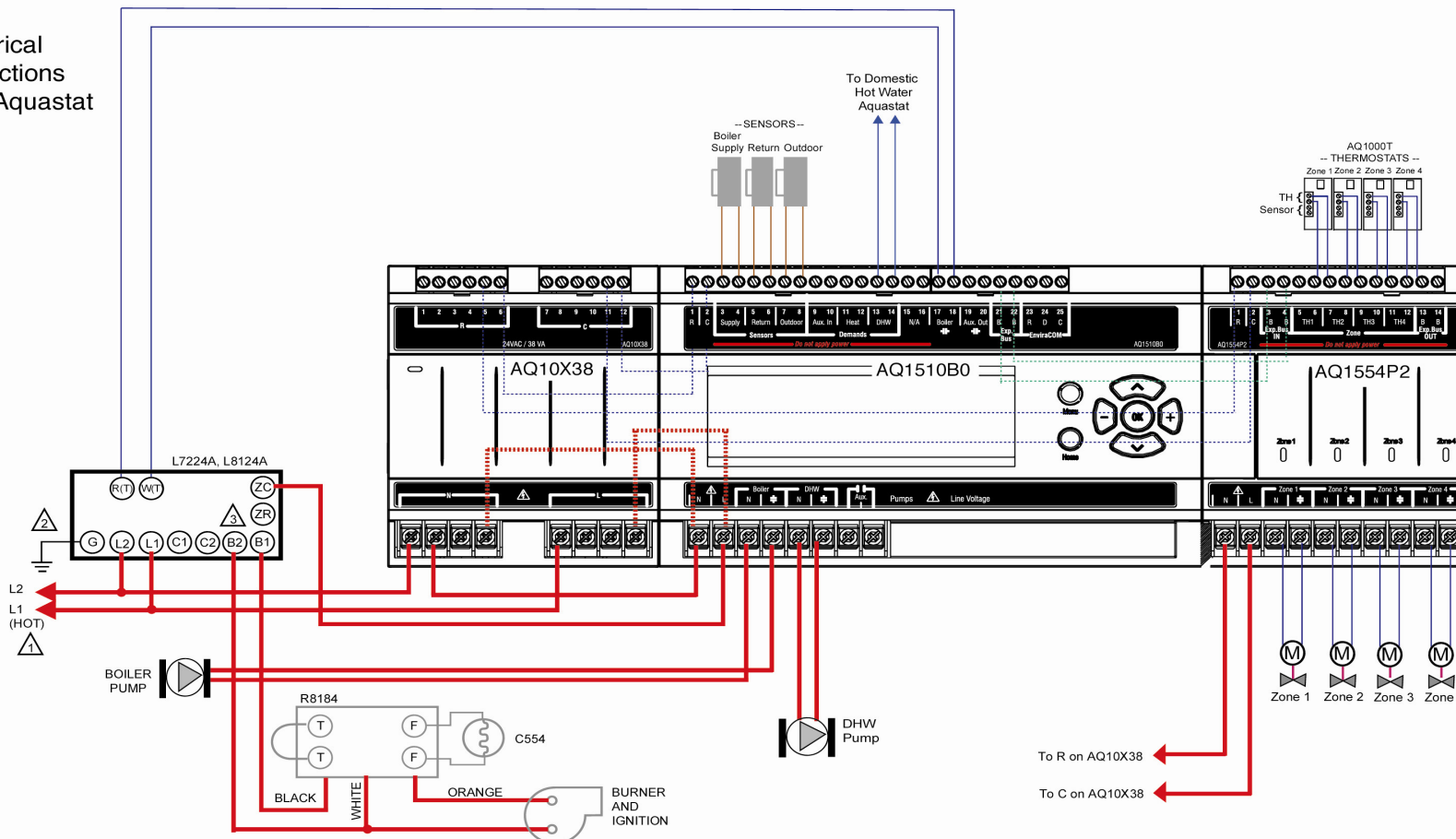
Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

AQ2514B2 (Valves)

Electrical Connections to Triple Aquastat



BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ1000TN2	4
ZONE VALVES	
• V8043A	4
DHW PUMP	1

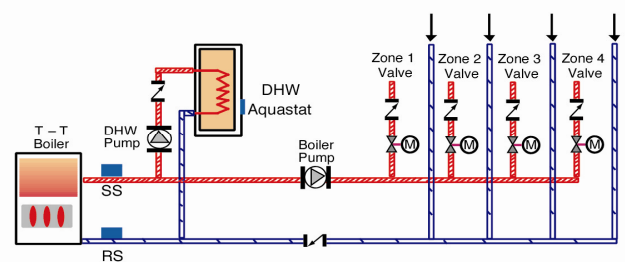
Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

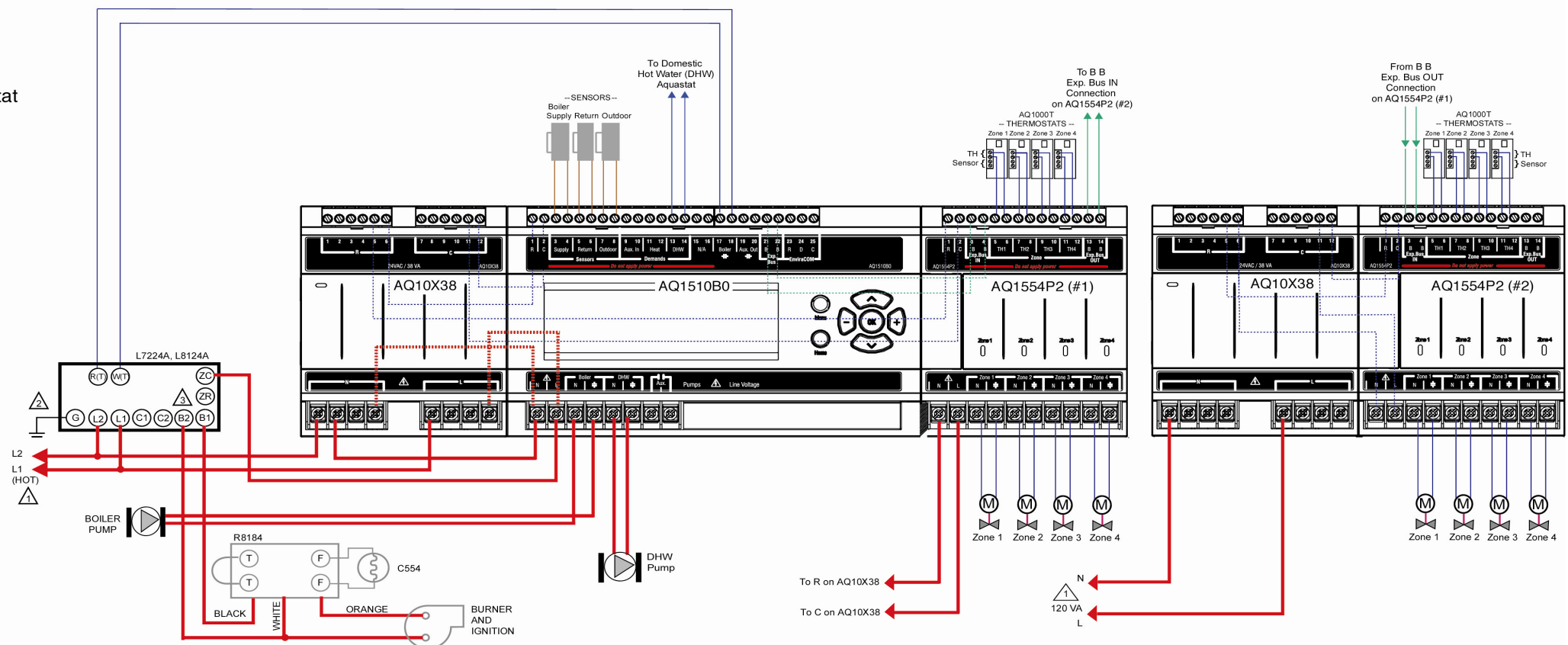
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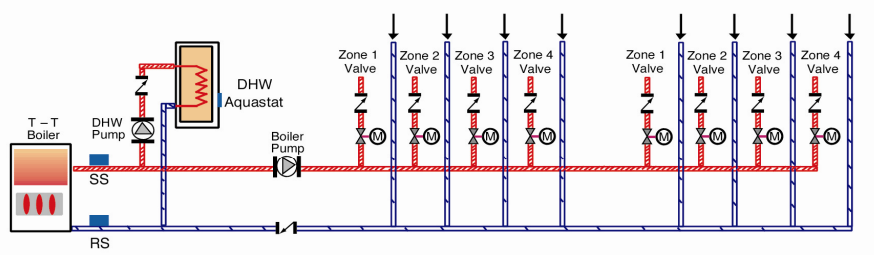
AQ2514B2 + AQ2554V2

Electrical Connections to Triple Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚡ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ2554V2	1
AQ1000TN2	8
ZONE VALVES	
• V8043A	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

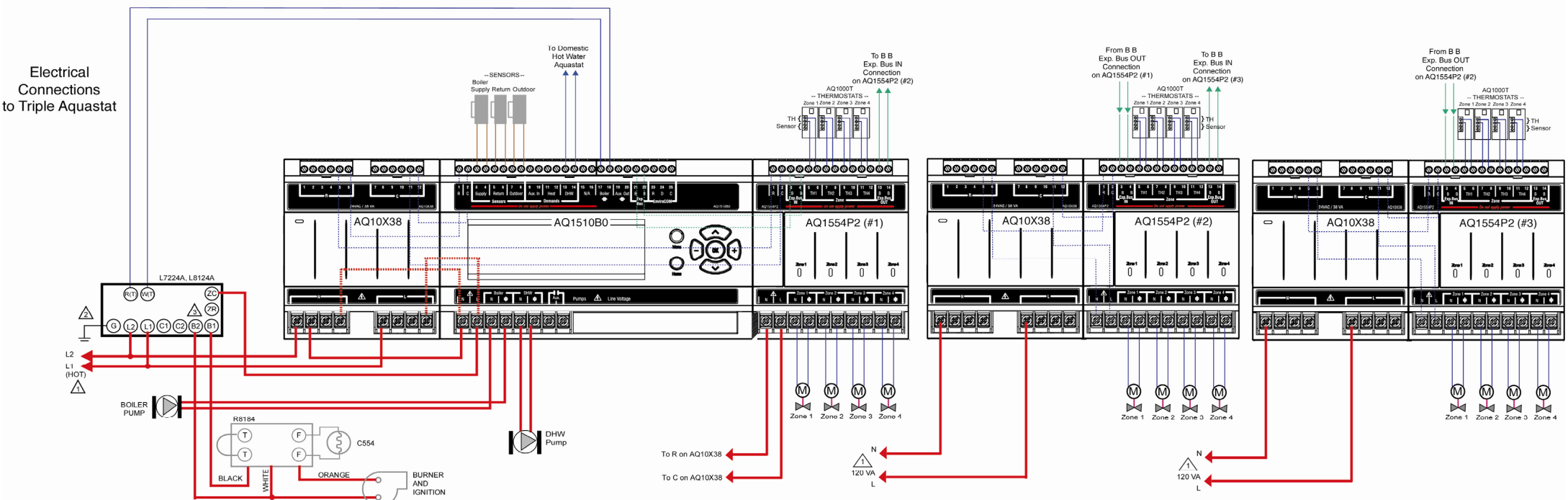
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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AQ2514B2 + AQ2554V2(2)

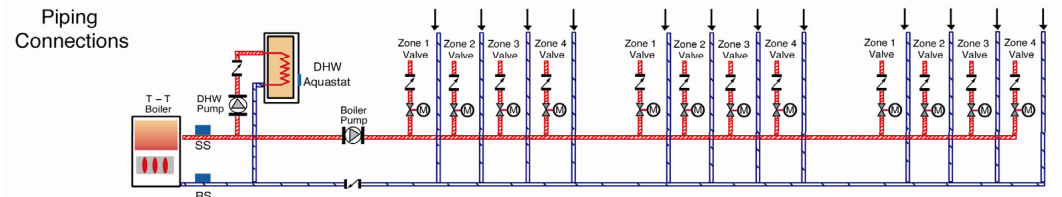


- ⚠ POWER SUPPLY: PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.



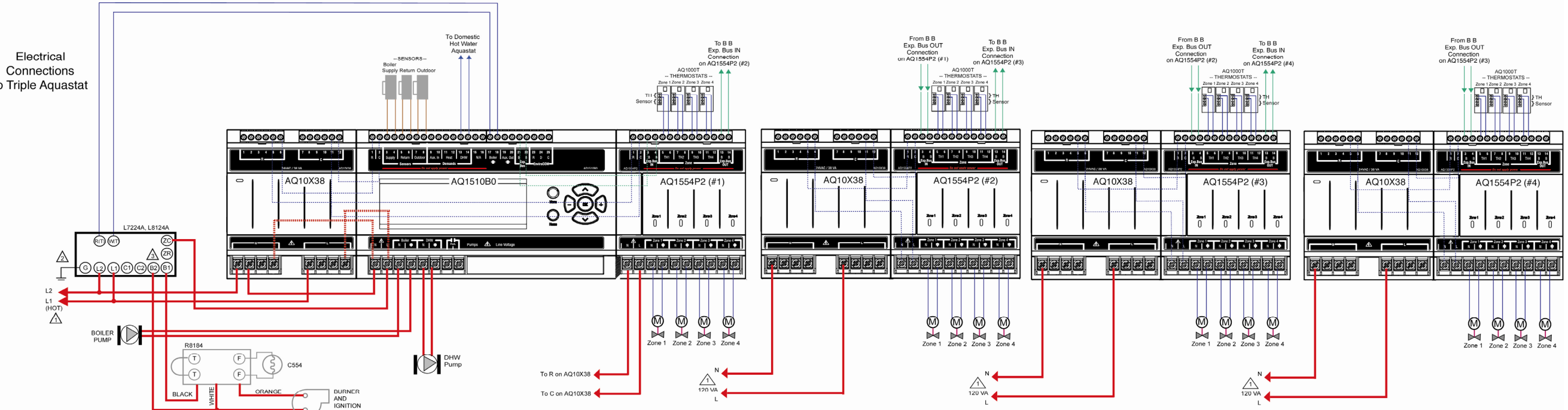
BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ2554V2	2
AQ1000TN2	12
ZONE VALVES - V8043A	12
DHW PUMP	1

- Suggested Accessories Available from Honeywell:**
- Hydronic Controls**
- Air Eliminator
 - Expansion Tank or Combo Kit
 - Boiler Fill Valve & Back Flow Preventer
 - Differential Pressure Regulator
 - Radiant Mixing Valve
 - Supply/Return Manifolds
 - Ball Valves (Water Shutoff)
- Potable Controls**
- Thermostatic Mixing Valve
 - Pressure Reducing Valve

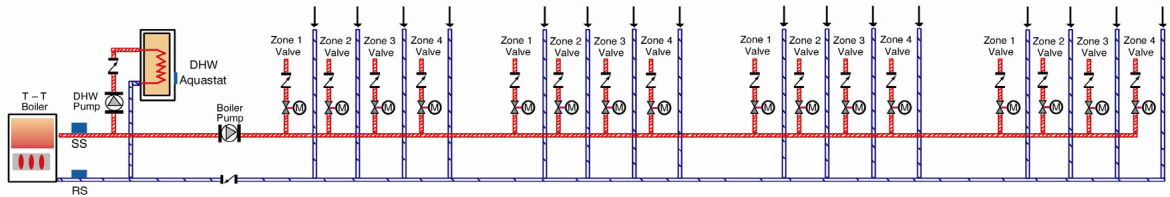
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AQ2514B2 + AQ2554V2(3)



- ⚠ POWER SUPPLY: PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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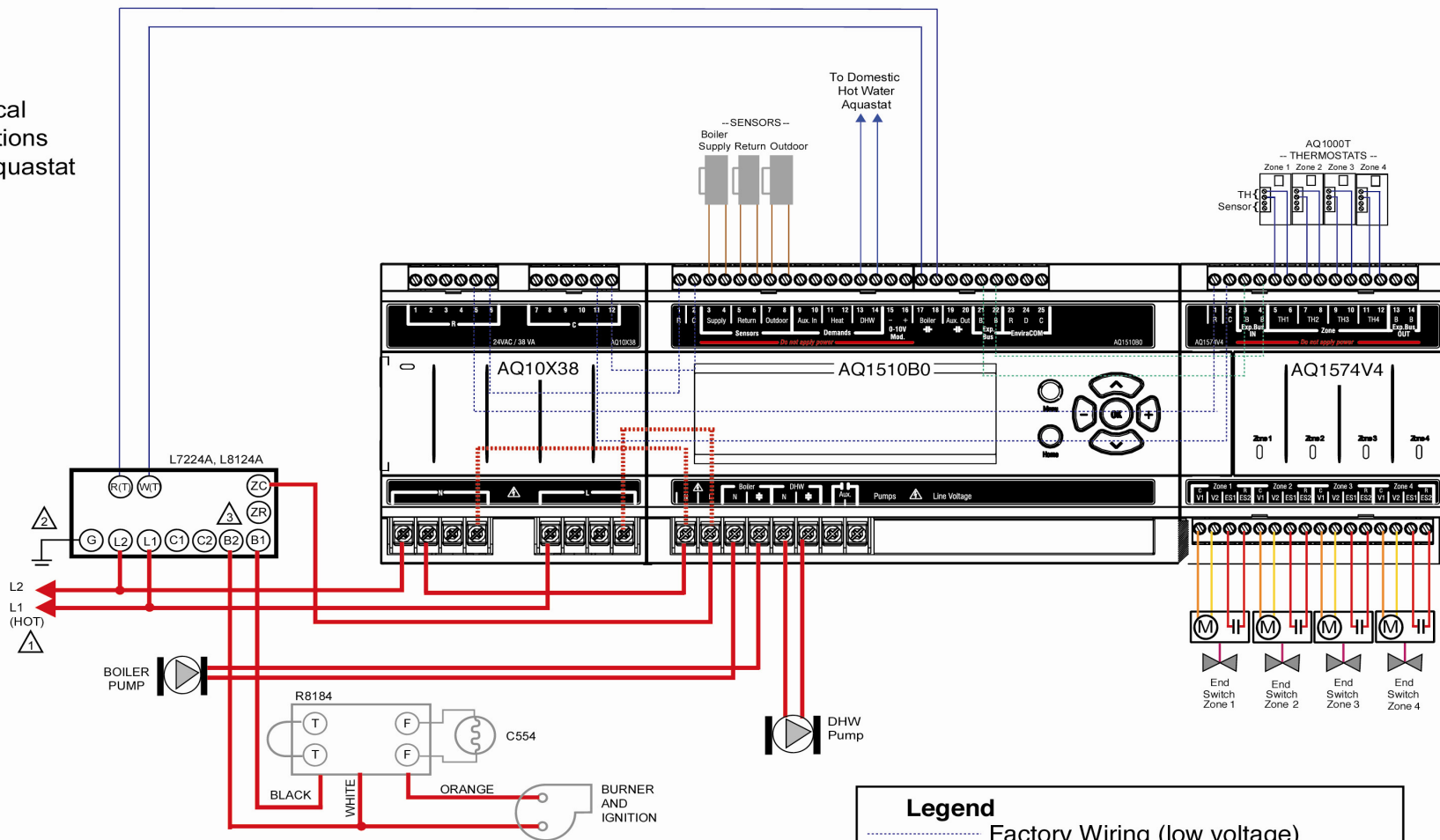
BILL OF MATERIAL

Parts	Quantity
AQ2514B2	1
AQ2554V2	3
AQ1000TN2	16
ZONE VALVES - V8043A	16
DHW PUMP	1

- Suggested Accessories Available from Honeywell:**
- | | |
|---|---------------------------|
| Hydronic Controls | Potable Controls |
| Air Eliminator | Thermostatic Mixing Valve |
| • PV Series | • AM Series |
| Expansion Tank or Combo Kit | • AMX Series |
| • TK Series | Pressure Reducing Valve |
| Boiler Fill Valve & Back Flow Preventer | • DS05 |
| • FM911 | • DS06 |
| Differential Pressure Regulator | |
| • D146 Series | |
| Radiant Mixing Valve | |
| • AM Radiant Series | |
| Supply/Return Manifolds | |
| • RM & SZ Series | |
| Ball Valves (Water Shutoff) | |
| • B200 Series | |

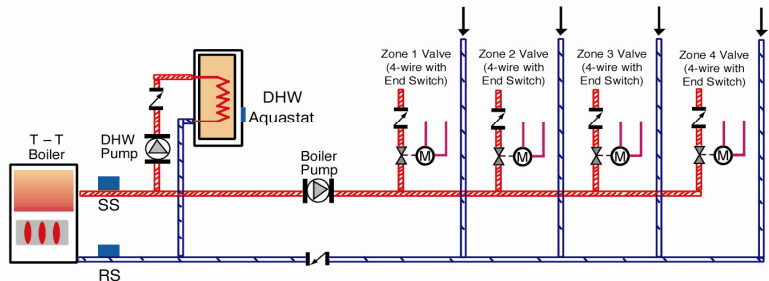
AQ2514B4

Electrical Connections to Triple Aquastat



- POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)

SS Supply Sensor
RS Return Sensor

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BILL OF MATERIAL

Parts	Quantity
AQ2514B4	1
AQ1000TN2	4
ZONE VALVES	
• V8043E/F	4
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

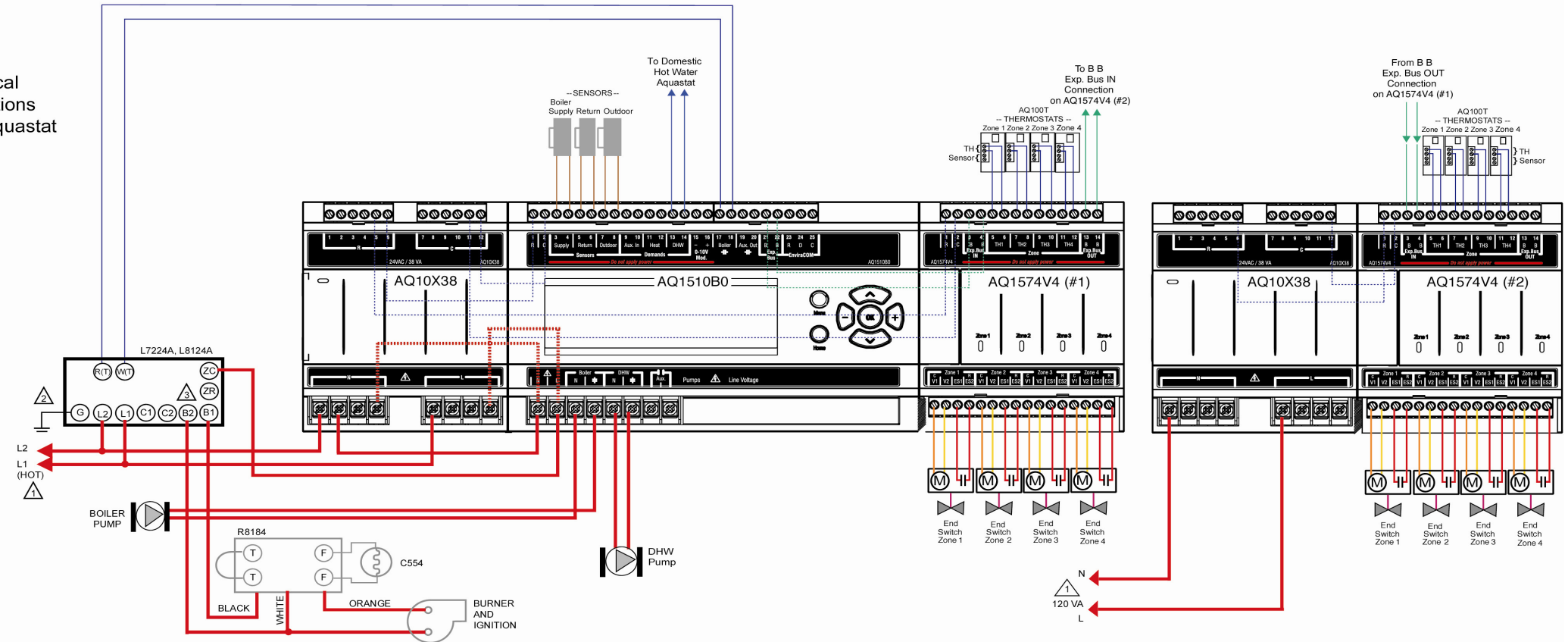
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS05
 - DS06

Please select 'Current Page' to print single page.

To print on legal size paper, select Properties → Advanced under Paper Size, select Legal.

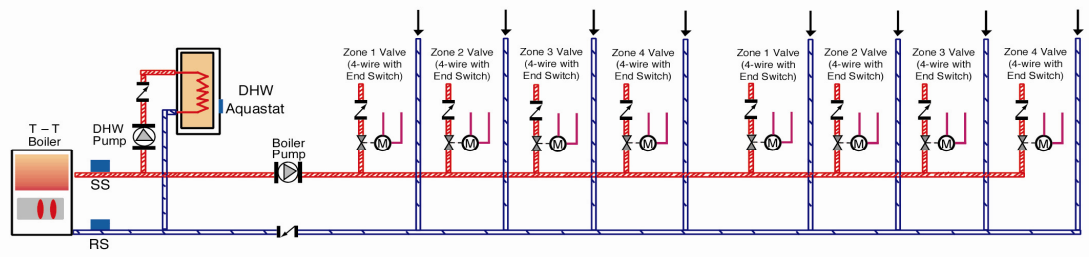
AQ2514B4 + AQ2574V4

Electrical Connections to Triple Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚡ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚡ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



BILL OF MATERIAL

Parts	Quantity
AQ2514B4	1
AQ2574V4	1
AQ1000TN2	8
ZONE VALVES	
• V8043E/F	8
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series

Potable Controls

- Thermostatic Mixing Valve
- AM Series
- AMX Series
- Pressure Reducing Valve
- DS05
- DS06

Legend

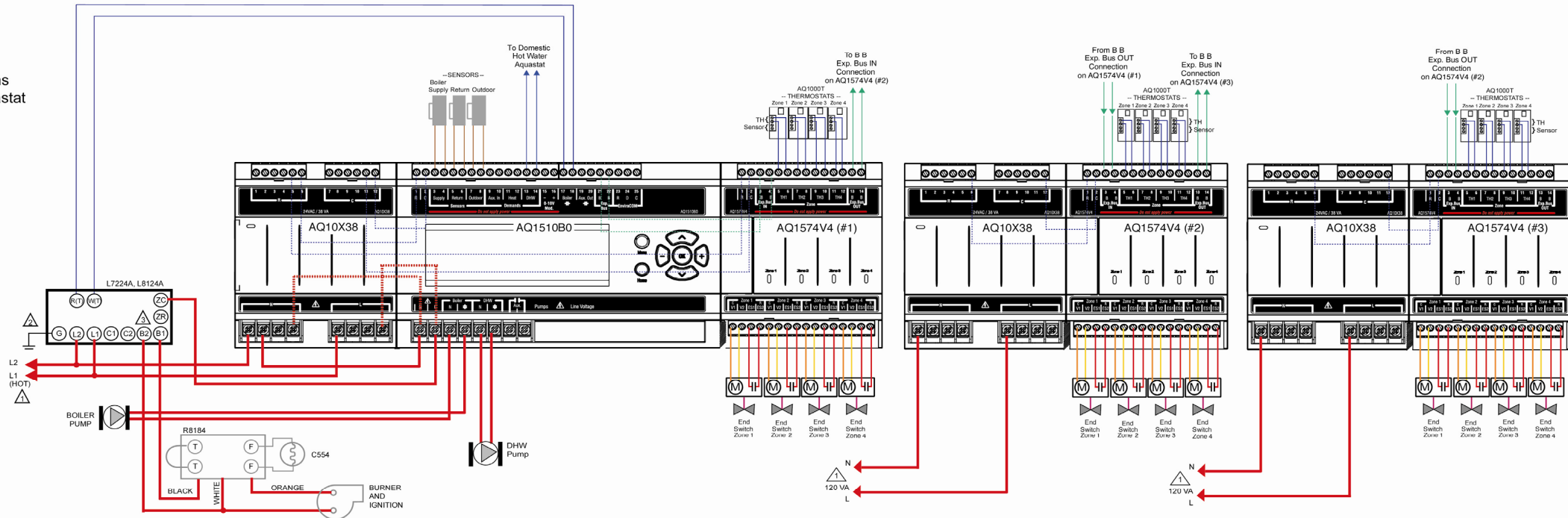
- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

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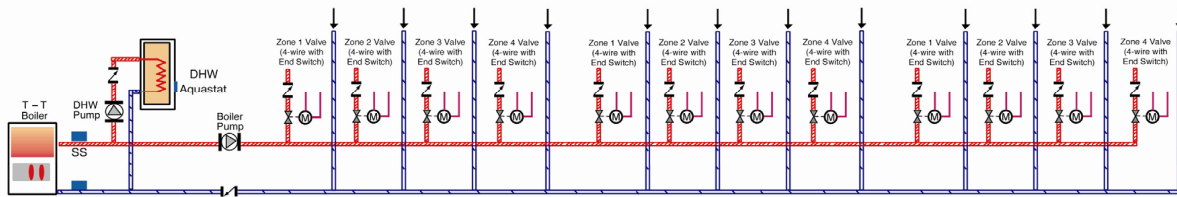
AQ2514B4 + AQ2574V4(2)

Electrical Connections to Triple Aquastat



- ⚠ POWER SUPPLY. PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Piping Connections



Legend

- ⋯ Factory Wiring (low voltage)
- ⋯ Factory Wiring (line voltage)
- ⋯ Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.

BILL OF MATERIAL

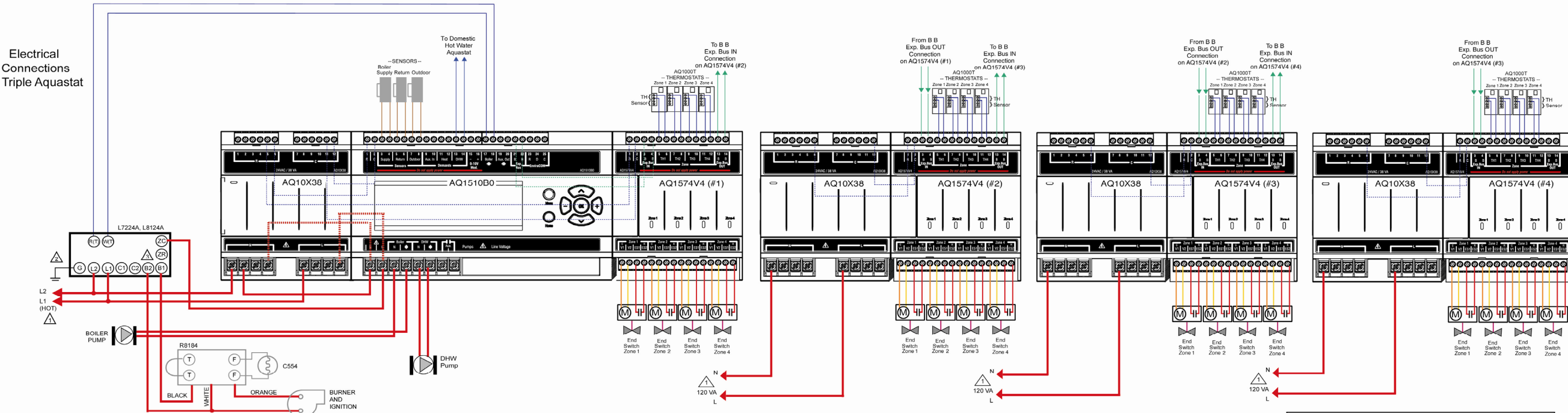
Parts	Quantity
AQ2514B4	1
AQ2574V4	2
AQ1000TN2	12
ZONE VALVES - V8043E/F	12
DHW PUMP	1

Suggested Accessories Available from Honeywell:

- | | |
|---|--|
| Hydronic Controls
Air Eliminator
• PV Series
Expansion Tank or Combo Kit
• TK Series
Boiler Fill Valve & Back Flow Preventer
• FM911
Differential Pressure Regulator
• D146 Series
Radiant Mixing Valve
• AM Radiant Series
Supply/Return Manifolds
• RM & SZ Series
Ball Valves (Water Shutoff)
• B200 Series | Potable Controls
Thermostatic Mixing Valve
• AM Series
• AMX Series
Pressure Reducing Valve
• DS05
• DS06 |
|---|--|

Please select 'Current Page' to print single page.
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AQ2514B4 + AQ2574V4(3)

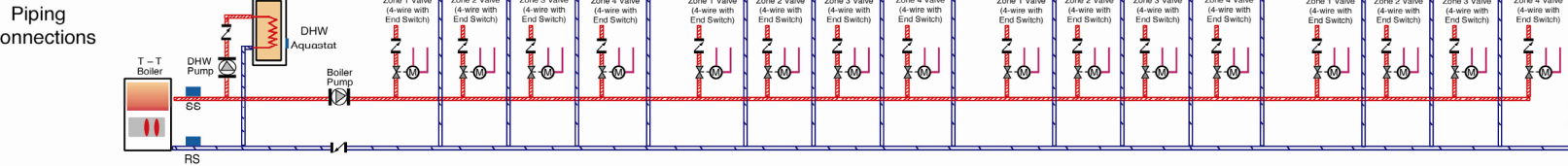


- ⚠ POWER SUPPLY: PROVIDE DISCONNECT MEANS AND OVERLOAD PROTECTION AS REQUIRED.
- ⚠ CONTROL CASE MUST BE CONNECTED TO EARTH GROUND. USE GROUNDING SCREW PROVIDED.
- ⚠ B1 IS 1/4 IN. TAB TERMINAL.

Legend

- Factory Wiring (low voltage)
- Factory Wiring (line voltage)
- Factory Wiring (communication bus)
- Field Wiring (low voltage)
- Field Wiring (line voltage)
- Field Wiring (communication bus)
- SS Supply Sensor
- RS Return Sensor

NOTE: This is only a concept drawing. The system designer must design the complete multi-zone system from the ground up to ensure proper and safe operation of the hydronic and electrical systems, as well as compliance with building and safety code requirements. Necessary auxiliary equipment and safety devices must be used.



BILL OF MATERIAL

Parts	Quantity
AQ2514B4	1
AQ2574V4	3
AQ1000TN2	16
ZONE VALVES - V8043E/F	16
DHW PUMP	1

- Suggested Accessories Available from Honeywell:**
- Hydronic Controls**
- Air Eliminator
 - PV Series
 - Expansion Tank or Combo Kit
 - TK Series
 - Boiler Fill Valve & Back Flow Preventer
 - DS05
 - FM911
 - Differential Pressure Regulator
 - D146 Series
 - Radiant Mixing Valve
 - AM Radiant Series
 - Supply/Return Manifolds
 - RM & SZ Series
 - Ball Valves (Water Shutoff)
 - B200 Series
- Potable Controls**
- Thermostatic Mixing Valve
 - AM Series
 - AMX Series
 - Pressure Reducing Valve
 - DS06