

Watts Radiant

Radiant Floors & Snowmelting

Ph: 417/864.6108

Fax: 417/864.8161

Piping Diagram

General Information

Design Date

H.C. No.

Project No.

Details

Application

Mixing Type

Zone Information

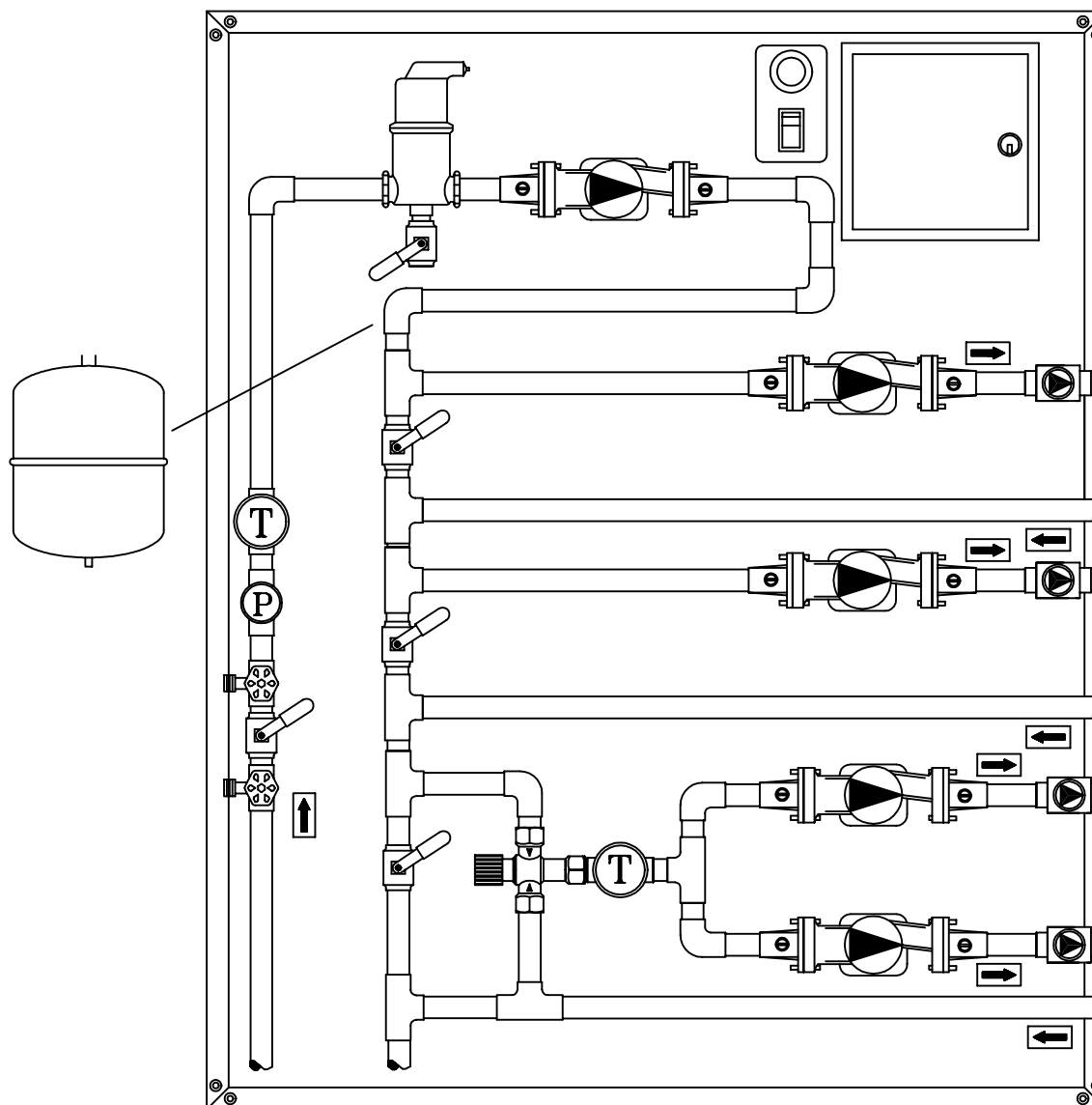
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes
	No

Qty.	Manf.	Device

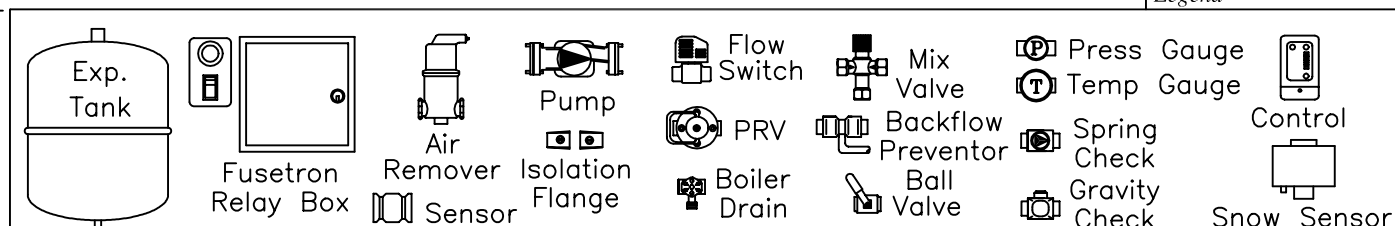
Legend

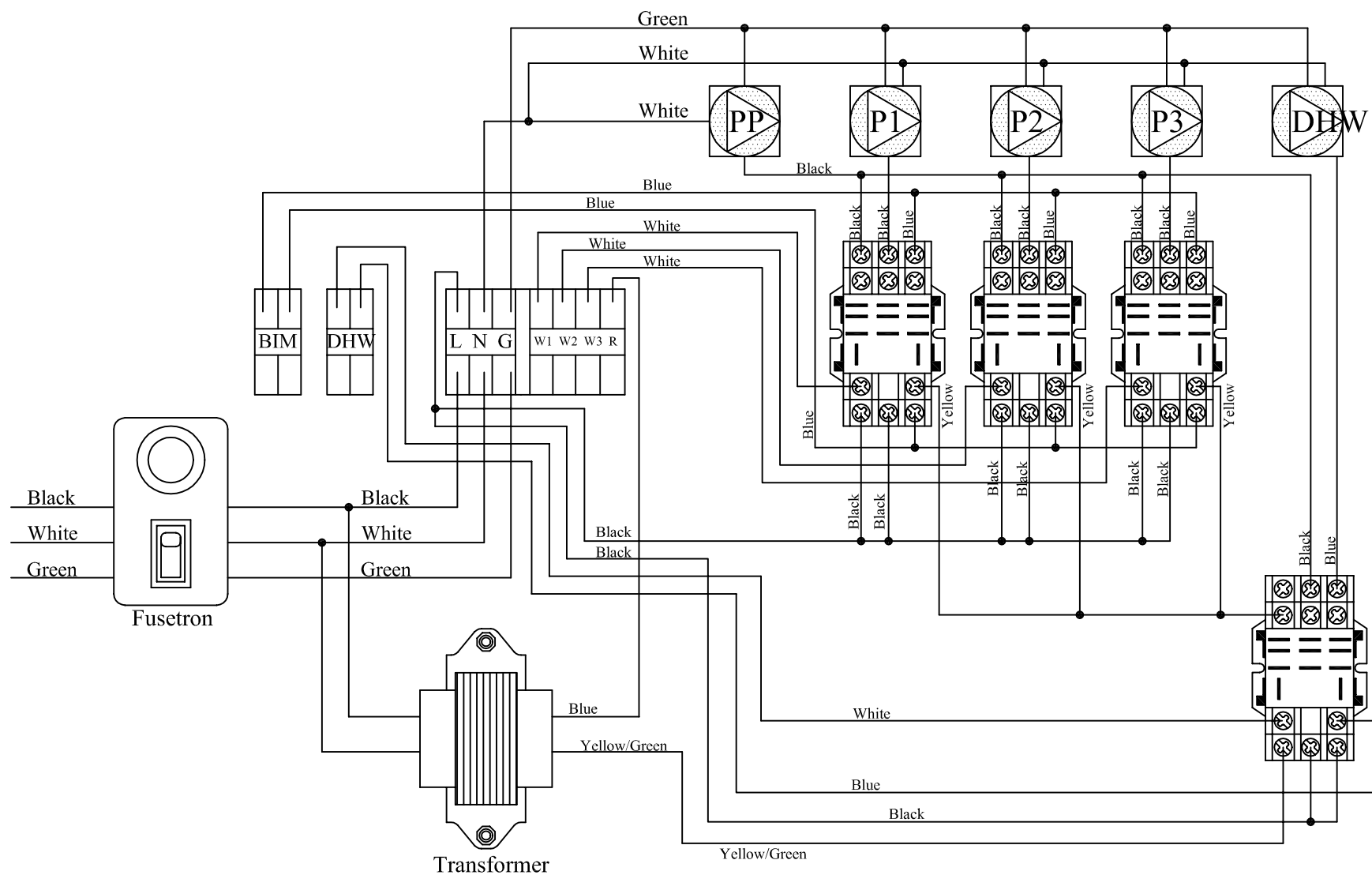


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**** Panel Size May Change ****





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Design Date
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Project No.

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Application
Mixing Type

Zone Pump Information

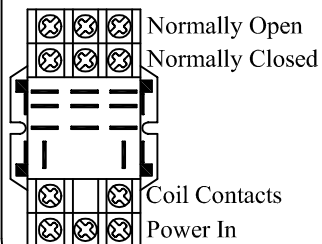
Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

Standard Thermostats		Yes	No
Qty.	Device	Volt	Amp.



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Zone Information

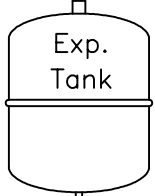
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

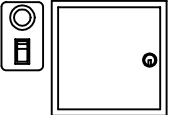
Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes
	No

Special Items	Qty.	Manf.	Device

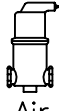
Legend



Exp. Tank



Fusetron Relay Box



Air Remover



Sensor



Pump



Isolation Flange



Flow Switch



PRV



Boiler Drain



Mix Valve



Backflow Preventor



Ball Valve



Press Gauge



Temp Gauge



Spring Check



Gravity Check



Control

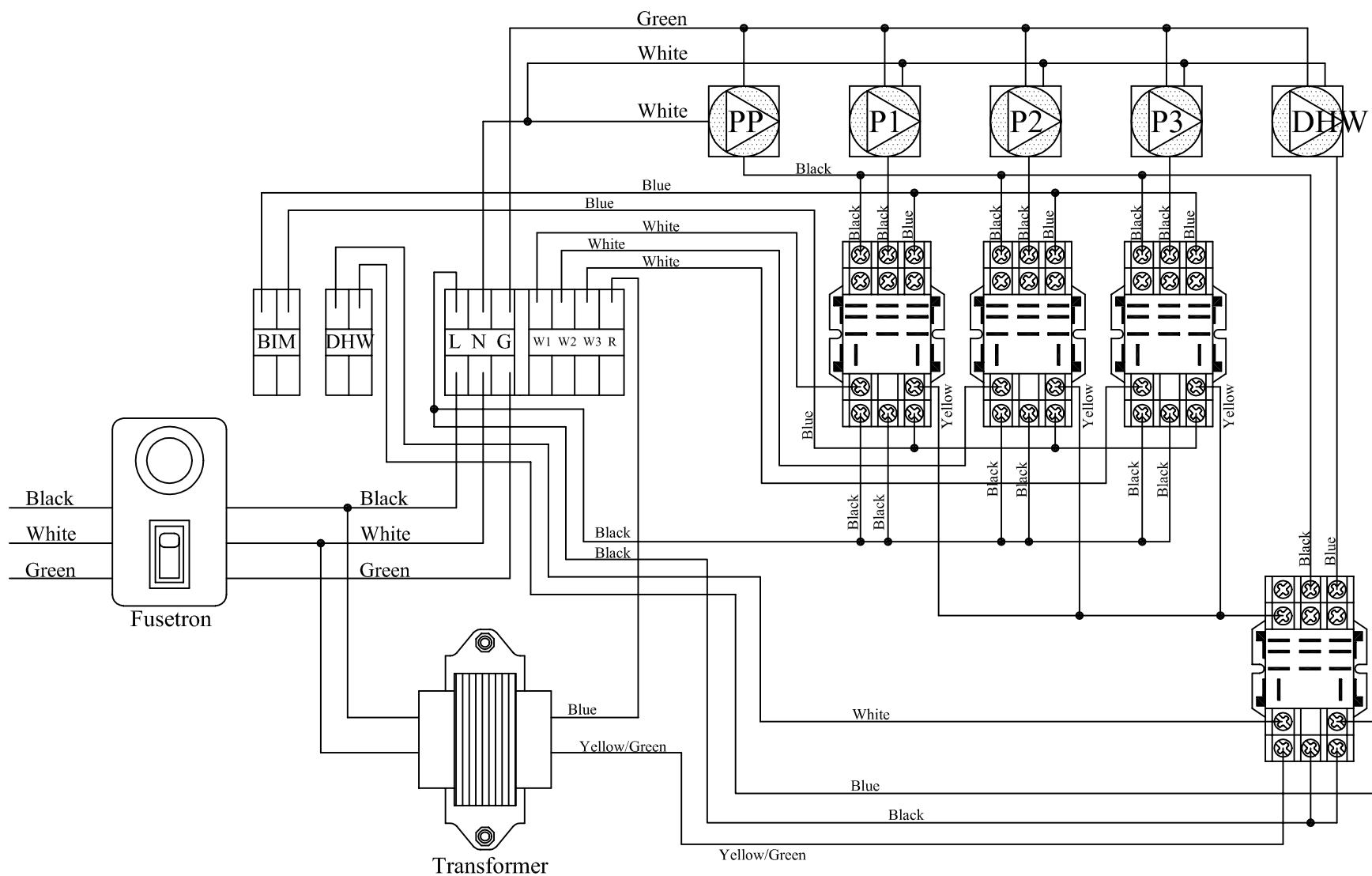


Snow Sensor

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Electrical Diagram

General Information

Design Date

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Details

Application

Mixing Type

Zone Pump Information

Zone Volt Amp.

PP

P1

P2

P3

P4

P5

Zone Valve Information

Zone Volt Amp.

ZV1

ZV2

ZV3

ZV4

ZV5

Misc. Control Information

Standard Thermostats

Yes

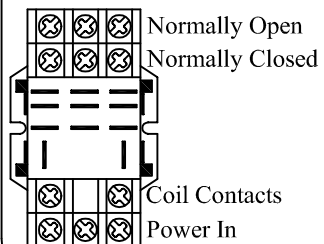
No

Qty.

Device

Volt

Amp.



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H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Information

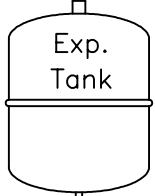
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

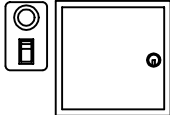
Heat Source			
Supply Temp		Delta T	
Standard Thermostats	Yes		
	No		

Special Items	Qty.	Manf.	Device

Legend



Exp. Tank



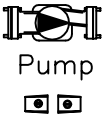
Fusetron Relay Box



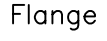
Air Remover



Sensor



Pump



Isolation Flange



Flow Switch



PRV



Boiler Drain



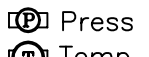
Mix Valve



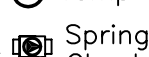
Backflow Preventor



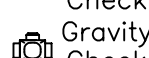
Ball Valve



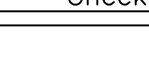
Press Gauge



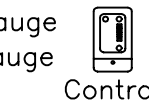
Temp Gauge



Spring Check



Gravity Check



Control

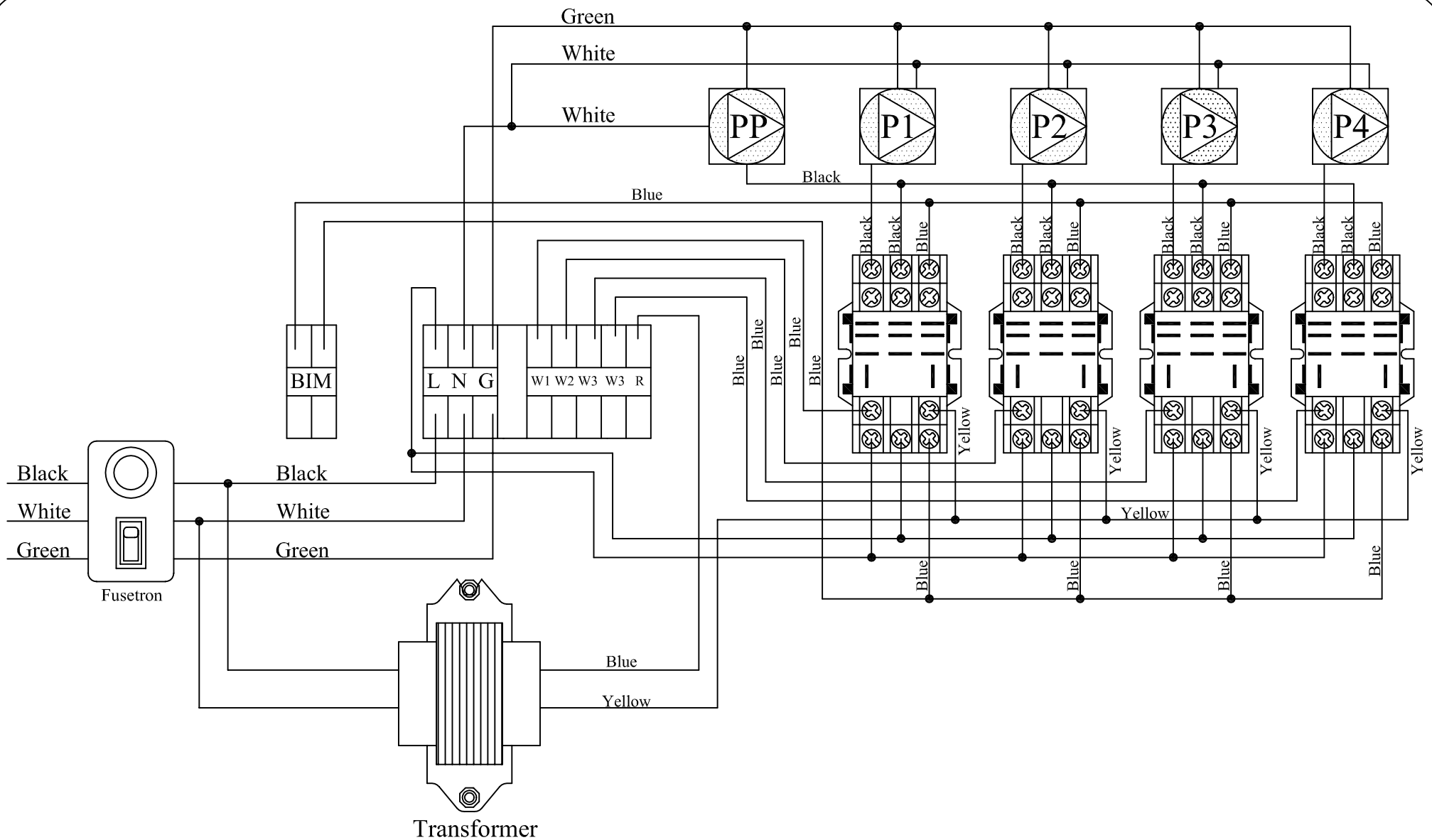


Snow Sensor

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**** Panel Size May Change ****



Electrical Diagram

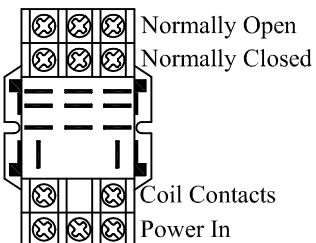
General Information			Zone Pump Information			Zone Valve Information			Misc. Control Information			
Design Date			Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes		
H.C. No.			PP			ZV1				No		
Project No.			P1			ZV2			Qty.	Device	Volt	Amp.
Details			P2			ZV3						
Application			P3			ZV4						
Mixing Type			P4			ZV5						
			P5									

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Piping Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Information

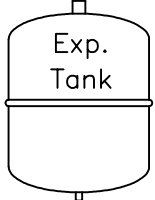
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

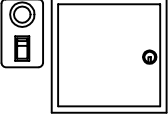
Heat Source			
Supply Temp		Delta T	
Standard Thermostats	Yes		
	No		

Special Items	Qty.	Manf.	Device

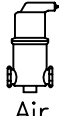
Legend



Exp. Tank



Fusetron Relay Box



Air Remover



Sensor



Pump



Isolation Flange



Flow Switch



PRV



Boiler Drain



Mix Valve



Backflow Preventor



Ball Valve



Press Gauge



Temp Gauge



Spring Check



Gravity Check



Control

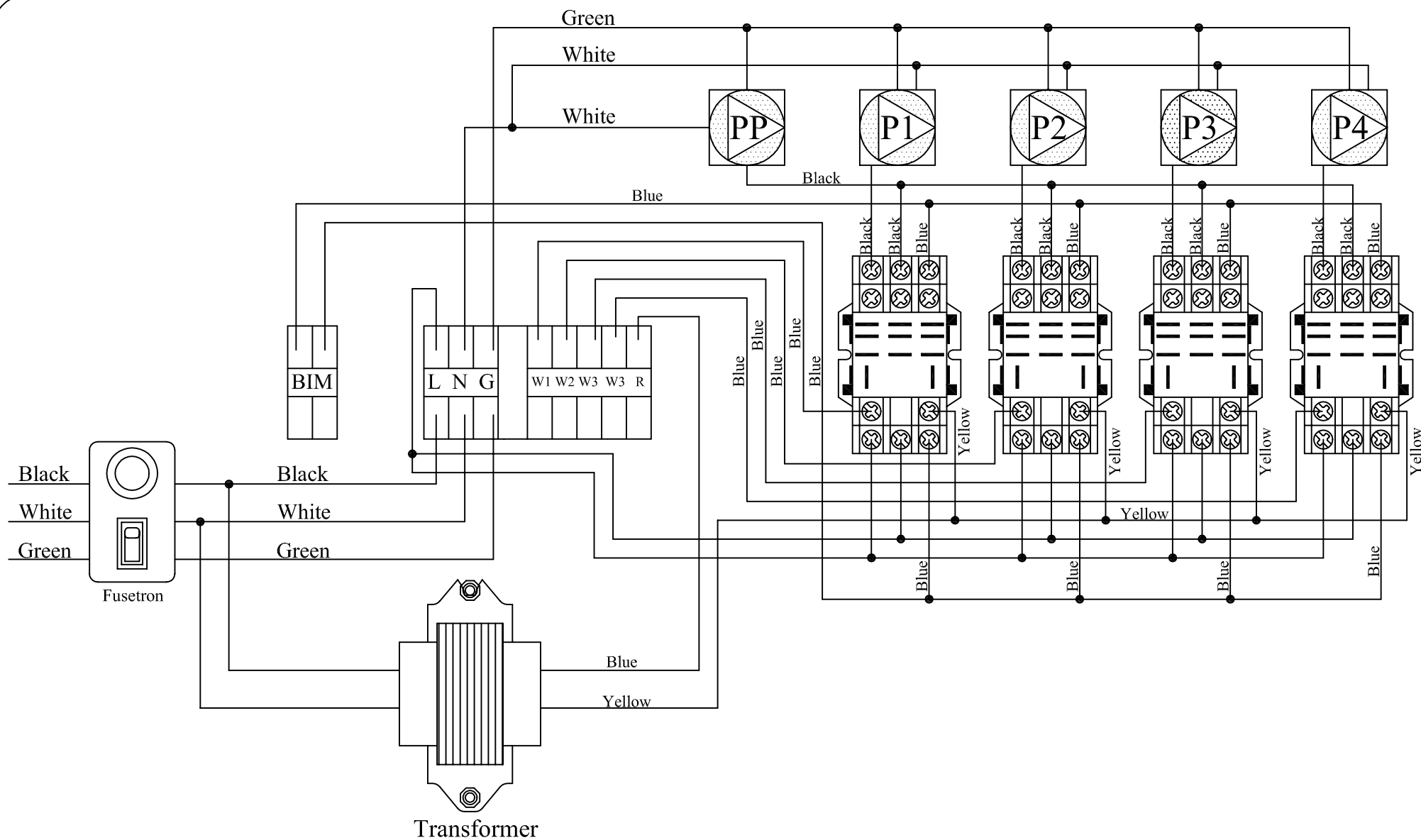


Snow Sensor

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**** Panel Size May Change ****



Electrical Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Pump Information

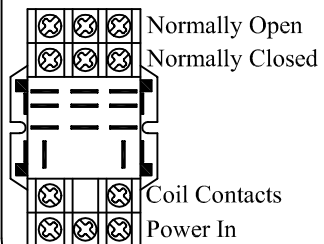
Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

Standard Thermostats		Yes	
		No	
Qty.	Device	Volt	Amp



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Piping Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Information

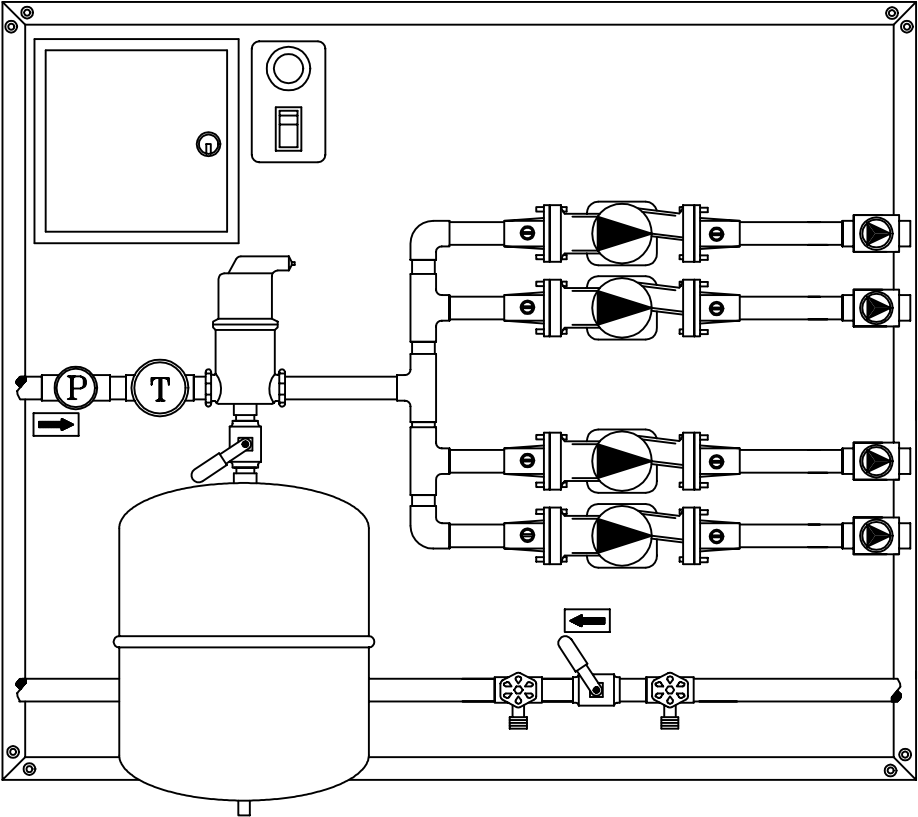
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source			
Supply Temp		Delta T	
Standard Thermostats	Yes		
	No		

Special Items	Qty.	Manf.	Device

Legend



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**** Panel Size May Change ****

Exp. Tank

Fusetron Relay Box

Air Remover

Sensor

Pump

Isolation Flange

Flow Switch

PRV

Boiler Drain

Mix Valve

Backflow Preventor

Ball Valve

Press Gauge

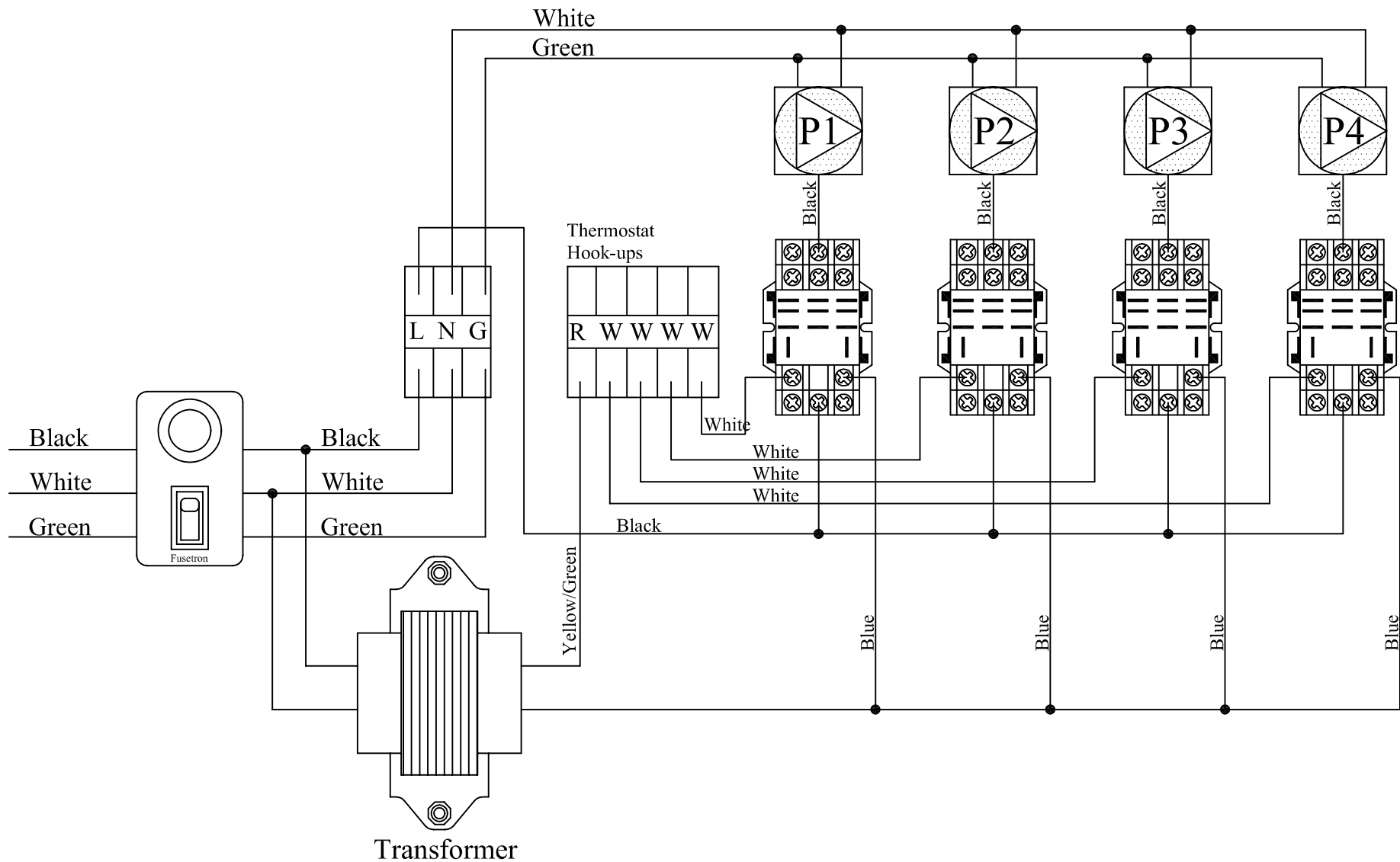
Temp Gauge

Spring Check

Gravity Check

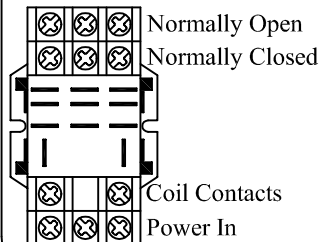
Control

Snow Sensor



Electrical Diagram

General Information			Zone Pump Information			Zone Valve Information			Misc. Control Information			
Design Date			Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes	No	
H.C. No.			PP			ZV1			Qty.	Device	Volt	Amp.
Project No.			P1			ZV2						
Details			P2			ZV3						
Application			P3			ZV4						
Mixing Type			P4			ZV5						
			P5									



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Piping Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Information

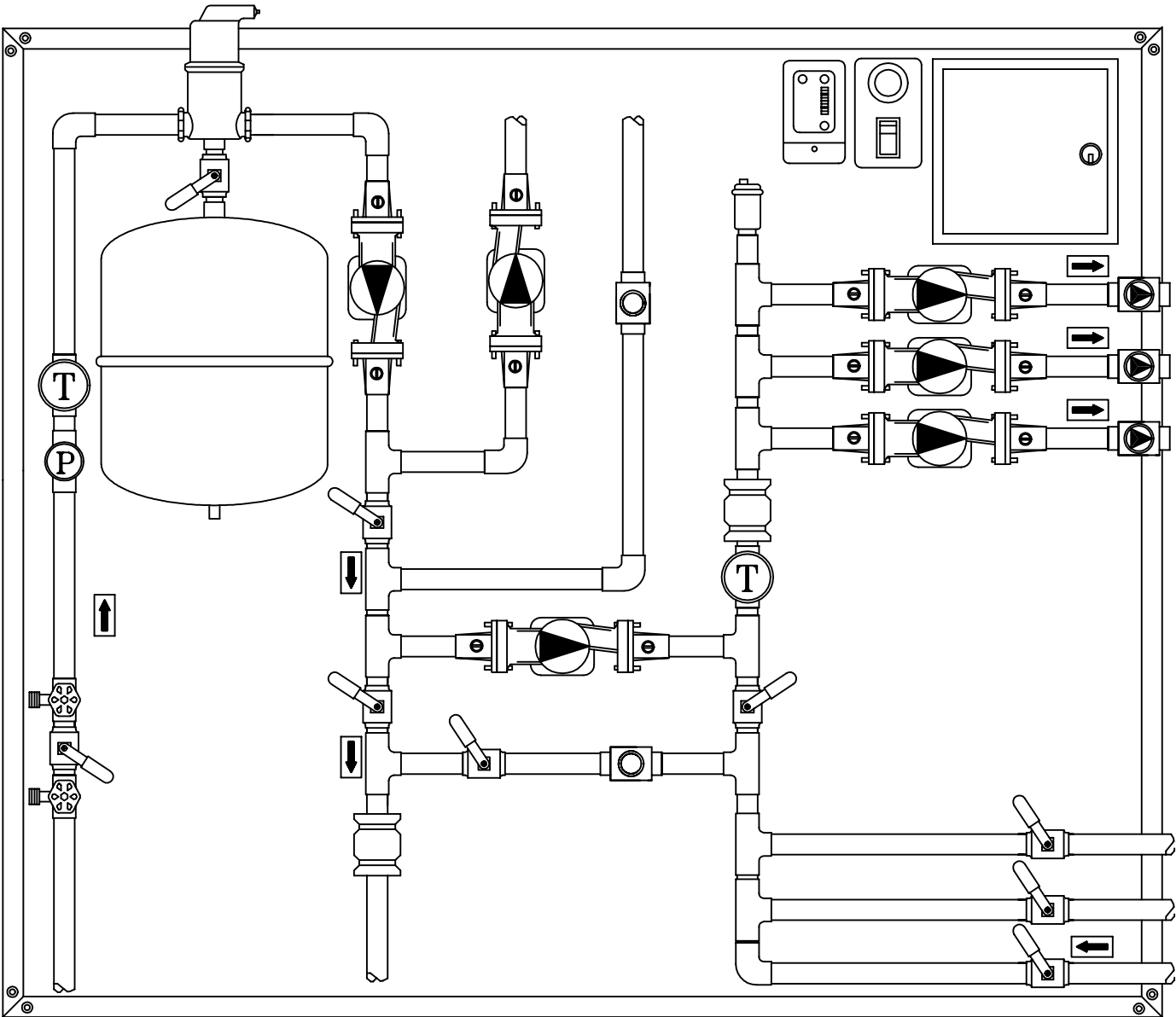
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	
Supply Temp	
Delta T	
Standard Thermostats	Yes No

Qty.	Manf.	Device

Legend



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Exp. Tank

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Air Remover

Sensor

Pump

Isolation Flange

Flow Switch

PRV

Boiler Drain

Mix Valve

Backflow Preventor

Ball Valve

Press Gauge

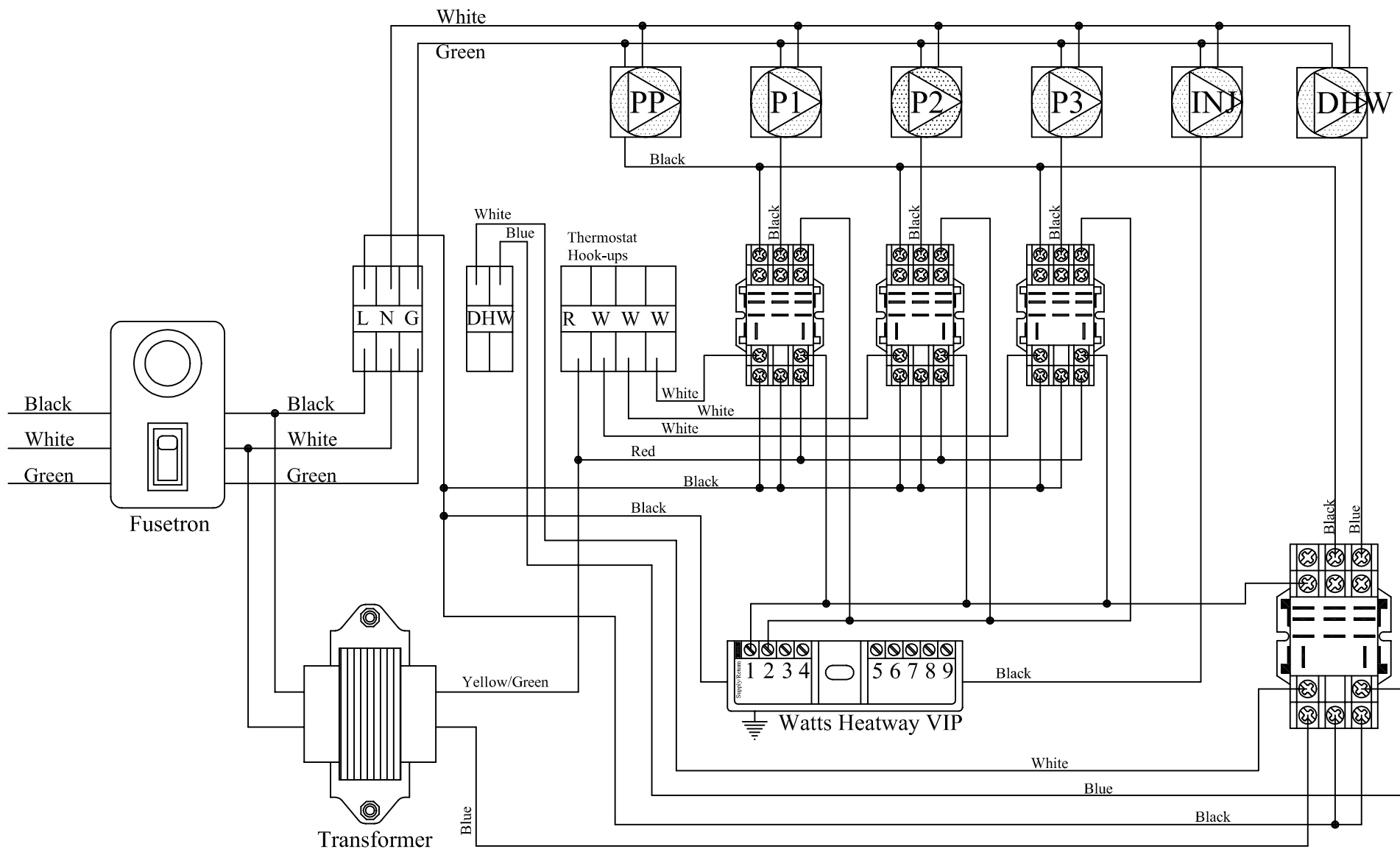
Temp Gauge

Spring Check

Gravity Check

Control

Snow Sensor



Electrical Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Pump Information

Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

Standard Thermostats		Yes	
		No	
Qty.	Device	Volt	Amp

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Mixing Type

Zone Information

Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes No

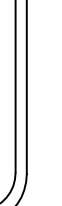
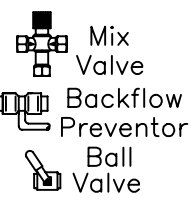
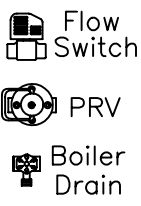
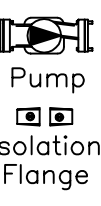
Special Items	Qty.	Manf.	Device

Legend

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Application

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Zone Information

Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes No

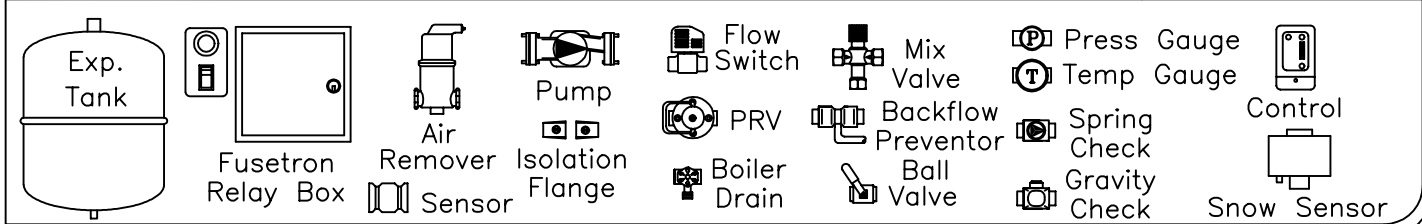
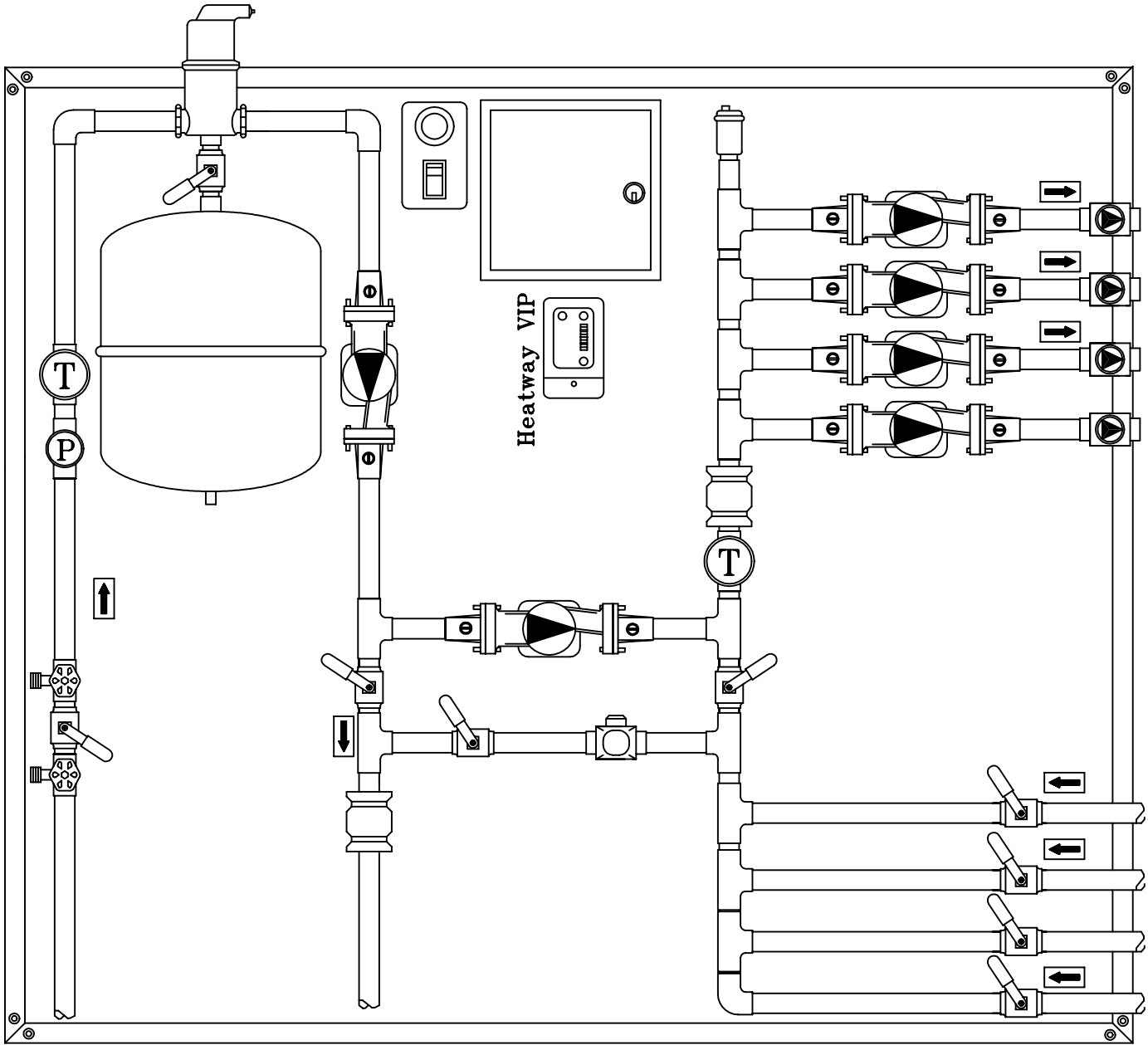
Special Items	Qty.	Manf.	Device

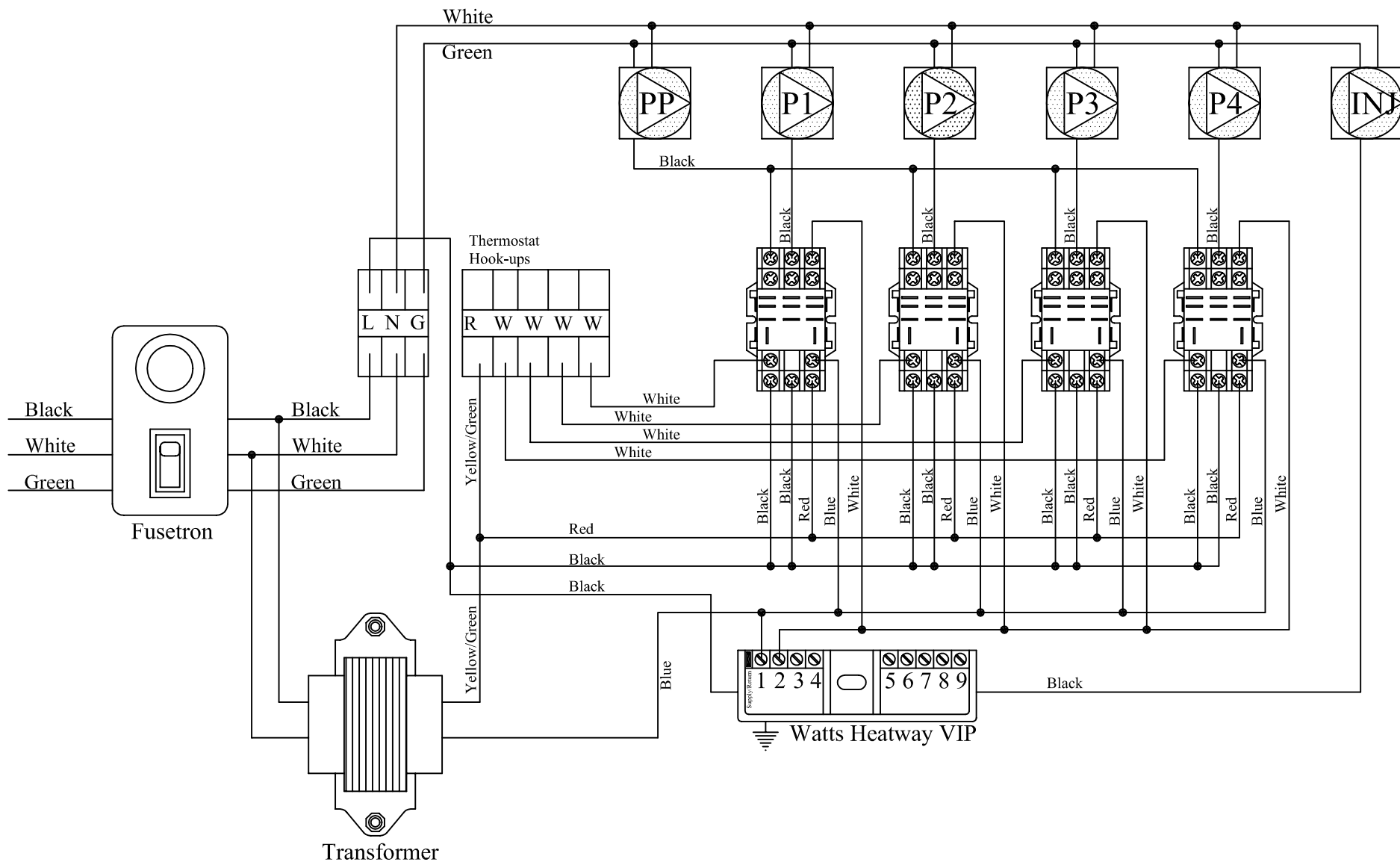
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Application	
Mixing Type	

Zone Pump Information

Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

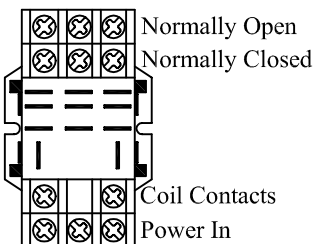
Standard Thermostats		Yes	
		No	
Qty.	Device	Volt	Amp

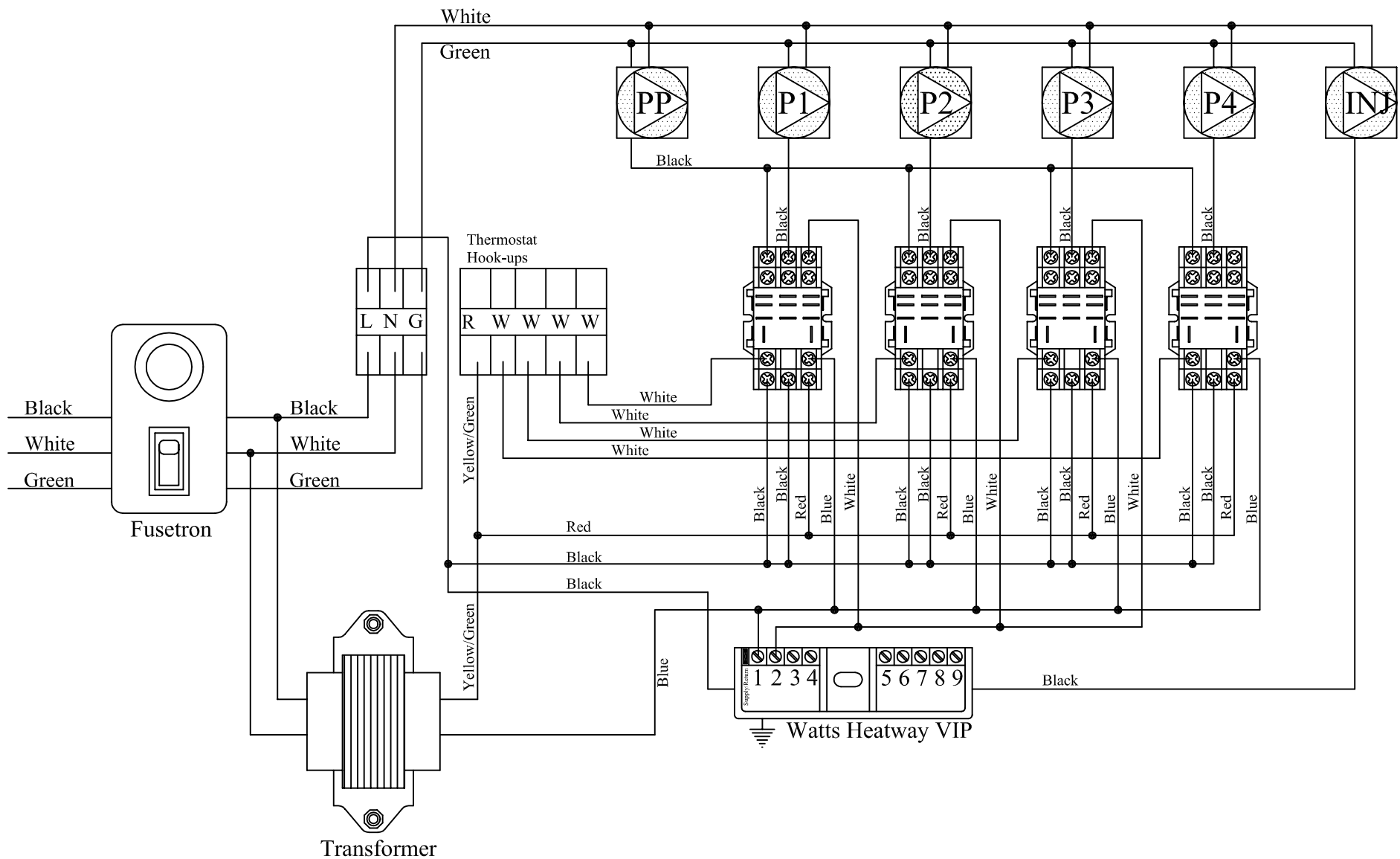
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Zone Pump Information

Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

Standard Thermostats	Yes	No
Qty.		
Device		
Volt		
Amp.		

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