

Breaker Panel Feed	Mech Room: Mains Feed	(Part TBD) Tag Number 0330
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Power In (240 Vac)

Mech Room: Mains Feed

Breaker Panel Feed

Change

Circuit ID Cable ID	Style	Location & Name	Source Cable(s)	Length & Destination	Cable ID	AWG	Source Wires Wire Color	Wire Function	Device Connection
1L-54	2-3	Mech Room: Mains Feed		44	1L-54	2	Black	Hot (Pole 1)	Pole 1
1L-54				Brown/Fuse Panel/OffP	1L-54	2	Red	Hot (Pole 2)	Pole 2
					1L-54	2	White	Neutral	Neutral



Circuit Breaker, SP (1 of 8)	Upper Bath: Floor Heat	Square D (Part TBD)	Tag Number 0726
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Power Output

Upper Bath: Floor Heat

Circuit Breaker, SP #21 (15A-SP-Std)

Load Cable(s)			Load Cable Wires				Device Connection	
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
3A-41	12-2	Upper Bath: Floor Heat	25	3A-41	12	Black	Hot	Hot
3A-41			Upper Bath	3A-41	12	White	Neutral	Neutral

Circuit Breaker, SP (2 of 8)	(Changing Room A: Heater)	Square D (Part TBD)	Tag Number 0909
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Power Output

(Changing Room A: Heater)

Circuit Breaker, SP #29 (20A-SP-AFI)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s) Length & Destination	Load Cable Wires Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-36 1G-36	12-2	(Changing Room A: Heater)	37 Blue/GP-Panel	1G-36 1G-36	12 12	Black White	Hot Neutral	Hot Neutral

Circuit Breaker, SP (3 of 8)	(Changing Room B: Heater)	Square D (Part TBD)	Tag Number 0910
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Power Output

(Changing Room B: Heater)

Circuit Breaker, SP #27 (20A-SP-AFI)

Circuit ID <i>Cable ID</i>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Device Connection		
Cable ID					AWG	Wire Color	Wire Function	
1G-37	12-2	(Changing Room B: Heater)		37				Hot
1G-37				Blue/GP-Panel	12	Black	Hot	Hot
					12	White	Neutral	Neutral

Circuit Breaker, SP (4 of 8)	(Bedroom 2/3 Bath: Heater)	Square D (Part TBD)	Tag Number 0911
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Power Output

(Bedroom 2/3 Bath: Heater)

Circuit Breaker, SP #25 (20A-SP-AFI)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s) Length & Destination	Load Cable Wires Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-38 1G-38	14-2	(Bedroom 2/3 Bath: Heater)	37 Blue/GP-Panel	1G-38 1G-38	14 14	Black White	Hot Neutral	Hot Neutral

Circuit Breaker, SP (5 of 8)	(Hot Water Recirc. Pumps)	Square D (Part TBD)	Tag Number 0922
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Power Output

(Hot Water Recirc. Pumps)

Circuit Breaker, SP #17 (15A-SP-Std)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s)	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-16	14-2	(Hot Water Recirc. Pumps)		23	1L-16	14	Black	Hot	Hot
1L-16				White/GP-Panel/1	1L-16	14	White	Neutral	Neutral

Circuit Breaker, SP (6 of 8)	(Bedroom 2/3: Towel Warmer)	Square D (Part TBD)	Tag Number 0934
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Power Output

(Bedroom 2/3: Towel Warmer)

Circuit Breaker, SP #23 (15A-SP-AFI)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s) Length & Destination	Load Cable Wires Cable ID	AWG	Wire Color	Wire Function	Device Connection
1G-32 1G-32	14-2	(Bedroom 2/3: Towel Warmer)	37 Blue/GP-Panel	1G-32 1G-32	14 14	Black White	Hot Neutral	Hot Neutral

Circuit Breaker, SP (7 of 8)	(Lower Bath: Towel Warmers)	Square D (Part TBD)	Tag Number 0935
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Power Output

(Lower Bath: Towel Warmers)

Circuit Breaker, SP #23 (15A-SP-AFI)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s)	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1C-08	14-2	(Lower Bath: Towel Warmers)		68	1C-08	14	Black	Hot	Hot
1C-08				Red/XL-HVRB	1C-08	14	White	Neutral	Neutral

Circuit Breaker, SP (8 of 8)	BR 2/3 Bath: Floor Heat	Square D (Part TBD)	Tag Number 0764
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Power Output

BR 2/3 Bath: Floor Heat

Circuit Breaker, SP #19 (15A-SP-Std)

Circuit ID Cable ID	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2G-15	12-2	BR 2/3 Bath: Floor Heat		41		2G-15	12	Black	Hot	Hot
2G-15				BR 2/3 Bath		2G-15	12	White	Neutral	Neutral

Circuit Breaker, DP (3 of 11)	(Upper Bath: Heater)	Square D (Part TBD)	Tag Number 0774
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Power Output

(Upper Bath: Heater)

Circuit Breaker, DP #30 & #28 (15A-DP-Std)

Circuit ID <i>Cable ID</i>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Device Connection		
Cable ID					AWG	Wire Color	Wire Function	
1L-49	14-2	(Upper Bath: Heater)		23	14	White	Hot (Pole 1)	Pole 1
1L-49				White/GP-Panel/1	14	Black	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (4 of 11)	(Lower Bath: Heater)	Square D (Part TBD)	Tag Number 0776
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Power Output

(Lower Bath: Heater)

Circuit Breaker, DP #22 & #20 (20A-DP-Std)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-11	14-2	(Lower Bath: Heater)	23	1L-11	14	White	Hot (Pole 1)	Pole 1
1L-11			White/GP-Panel/1	1L-11	14	Black	Hot (Pole 2)	Neutral

Circuit Breaker, DP (5 of 11)	(Master Bath: Heater)	Square D (Part TBD)	Tag Number 0777
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Power Output

(Master Bath: Heater)

Circuit Breaker, DP #26 & #24 (20A-DP-Std)

Circuit ID <i>Cable ID</i>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Device Connection			
					Cable ID	AWG	Wire Color	Wire Function	
1L-12	14-2	(Master Bath: Heater)		23	1L-12	14	White	Hot (Pole 1)	Pole 1
1L-12				White/GP-Panel/1	1L-12	14	Black	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (6 of 11)	Heat Pump Area: Heat Pump (South Furnace)	Square D (Part TBD)	Tag Number 0780
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Power Output

Heat Pump Area: Heat Pump (South Furnace)

Circuit Breaker, DP #07 & #05 (40A-DP-Std)

<i>Load Cable(s)</i>				<i>Load Cable Wires</i>				
Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-29 2L-29	8-2	Heat Pump Area: Heat Pump (South Furnace)	51 Heat Pump Area	2L-29	8	Black	Hot (Pole 2)	Pole 1



Circuit Breaker, DP (7 of 11)	Heat Pump Area: Heat Pump (North Furnace)	Square D (Part TBD) Tag Number 0781
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Power Output

Heat Pump Area: Heat Pump (North Furnace)

Circuit Breaker, DP #11 & #09 (40A-DP-Std)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-30	8-2	Heat Pump Area: Heat Pump (North Furnace)	51	2L-30	8	White	Hot (Pole 1)	Pole 1
2L-30			Heat Pump Area	2L-30	8	Black	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (8 of 11)	Heat Pump Area: Heat Pump (Upper)	Square D (Part TBD) Tag Number 0782
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Power Output

Heat Pump Area: Heat Pump (Upper)

Circuit Breaker, DP #15 & #13 (30A-DP-Std)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
2L-31	10-2	Heat Pump Area: Heat Pump (Upper)	51	2L-31	10	White	Hot (Pole 1)	Pole 1
2L-31			Heat Pump Area	2L-31	10	Black	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (9 of 11)	(Water Heater (North))	Square D (Part TBD)	Tag Number 0784
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Power Output

(Water Heater (North))

Circuit Breaker, DP #16 & #14 (30A-DP-Std)

Circuit ID <i>Cable ID</i>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Device Connection			
					Cable ID	AWG	Wire Color	Wire Function	
1L-47	10-2	(Water Heater (North))		23	1L-47	10	White	Hot (Pole 1)	Pole 1
1L-47				White/GP-Panel/1	1L-47	10	Black	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (10 of 11)	Mech Room: Garage Floor Heat Boiler	Square D (Part TBD)	Tag Number 0785
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Power Output

Mech Room: Garage Floor Heat Boiler

Circuit Breaker, DP #08 & #06 (30A-DP-Std)

Circuit ID Cable ID	Style	Location & Name	Load Cable(s)	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-56	6-2	Mech Room: Garage Floor Heat Boiler		9	1L-56	6	Black	Hot (Pole 1)	Pole 1
1L-56		Mech Room (@Garage/Shop Floor Heat)			1L-56	6	White	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (11 of 11)	Mech Room: Shop Floor Heat Boiler	Square D (Part TBD)	Tag Number 0786
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Power Output

Mech Room: Shop Floor Heat Boiler

Circuit Breaker, DP #04 & #02 (30A-DP-Std)

Circuit ID Cable ID	Style	Location & Name	Length & Destination	Cable ID	AWG	Wire Color	Wire Function	Device Connection
1L-57	6-2	Mech Room: Shop Floor Heat Boiler	9	1L-57	6	Black	Hot (Pole 1)	Pole 1
1L-57		Mech Room (@Garage/Shop Floor Heat)		1L-57	6	White	Hot (Pole 2)	Pole 2

Circuit Breaker, DP (12 of 11)	(Water Heater (South))	Square D (Part TBD)	Tag Number 0787
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Power Output

(Water Heater (South))

Circuit Breaker, DP #12 & #10 (30A-DP-Std)

Circuit ID <i>Cable ID</i>	Style	Location & Name	<i>Load Cable(s)</i>	Length & Destination	<i>Load Cable Wires</i>	Device Connection			
					Cable ID	AWG	Wire Color	Wire Function	
1L-46	10-2	(Water Heater (South))		23	1L-46	10	White	Hot (Pole 1)	Pole 1
1L-46				White/GP-Panel/1	1L-46	10	Black	Hot (Pole 2)	Pole 2