

v53

Circuit Breaker Panel Layout

Purple/CB-Panel

Row	Mains Pole	Breaker	Name	Total Current	Breaker	Name	Total Current
1	1	#40 (20A-SP-AFI)	Kitchen: ® - Pantry & Sitting Area A	16.7 (Max)	#39 (20A-SP-Std)	Powder Room: ®	16.7 (Max)
2	2	#38 (20A-SP-AFI)	Kitchen: ® - Sitting Area B	16.7 (Max)	#37 (20A-SP-GFI)	Laundry Room: ®	16.7 (Max)
3	1	#36 (20A-SP-GFI)	Kitchen: ® - Island (South)	16.7 (Max)	#35 (20A-SP-GFI)	Laundry Room: Ironing Center	12.5 (Max)
4	2	#34 (20A-SP-GFI)	Kitchen: ® - Island (North)	16.7 (Max)	#33 (20A-SP-GFI)	Laundry Room: ® for Washer	16.7 (Max)
5	1	#32 (20A-SP-AFI)	Kitchen: ® - Desk	16.7 (Max)	#31 (Pole A)	Laundry Room: Dryer	25.0 (Max)
6	2	#30 (20A-SP-GFI)	Kitchen: ® - Main Counter A	16.7 (Max)	#29 (Pole B)	(30A-DP-Std)	25.0 (Max)
7	1	#28 (20A-SP-GFI)	Kitchen: ® - Main Counter B	16.7 (Max)	#27 (15A-SP-AFI)	BR 3: ® - Hall & Closets (East)	12.5 (Max)
8	2	#26 (15A-SP-GFI)	Kitchen: Cooktop Hood	1.7 (Nom)	#25 (15A-SP-AFI)	BR 3: ® - West	12.5 (Max)
9	1	#24 (15A-SP-Std)	Kitchen: ® for Compactor (L)	4.2 (Max)	#23 (15A-SP-GFI)	Screen Porch: ® & Fireplace	12.5 (Max)
10	2	#22 (15A-SP-Std)	Kitchen: ® for Compactor (R)	4.2 (Max)			
11	1	#20 (15A-SP-Std)	Kitchen: Dishwasher & Under-sink ®	8.3 (Nom)			
12	2	#18 (15A-SP-Std)	Kitchen: Wine Cooler & Under-sink ®	4.2 (Nom)			
13	1	#16 (20A-SP-Std)	Kitchen: Convection Microwave	12.5 (Nom)	#15 (Pole A)	"Pink" Breaker Panel Feed	20.0 (Nom)
14	2	#14 (20A-SP-Std)	Kitchen: Warming Drawer	4.2 (Nom)	#13 (Pole B)	(90A-DP-Std)	20.0 (Nom)
15	1	#12 (Pole A)	"Orange" Breaker Panel Feed	45.0 (Nom)	#11 (Pole A)	"Gold" Breaker Panel Feed	30.0 (Nom)
16	2	#10 (Pole B)	(90A-DP-Std)	45.0 (Nom)	#09 (Pole B)	(90A-DP-Std)	30.0 (Nom)
17	1	#08 (Pole A)	Kitchen: Oven Under Cooktop	25.0 (Nom)	#07 (Pole A)	Kitchen: Cooktop	41.7 (Nom)
18	2	#06 (Pole B)	(30A-DP-Std)	25.0 (Nom)	#05 (Pole B)	(50A-DP-Std)	41.7 (Nom)
19	1	#04 (Pole A)	Kitchen: Oven Under Microwave	25.0 (Nom)	#03 (Pole A)	Panel Surge Suppressor	
20	2	#02 (Pole B)	(30A-DP-Std)	25.0 (Nom)	#01 (Pole B)	Panel Surge Suppressor	

— Mains Practical Max Current (A) —

Pole 1 = 357.5 Pole 2 = 321.7

Estimate of Max Panel Power (kW) = 81.5