

Main breaker box

Secondary breaker box	M1	M2	3 rd floor A/C
	M3	M4	
Sauna	M5	M6	Attic furnace and outlet (exhaust fan)
	M11	M8	Computer rack
		M10	blank
Enersure	M13	M12	Sauna shower light & outlet
		M14	Basement outlet, wine rack light
	M17	M16	Front door GFI
		M18	Office outlets
Dining room outlet, plant room outlet, cleanup sink GFI, back porch GFI	M19	M20	Basement Furnace
Basement toilet light, master bath GFI	M21	M22	Laundry GFI
3 rd floor bath lights and GFI, skylights, servant stair 3 rd floor outlet	M23	M24	Living room outlets, entrance hall outlets, side door lights, 1 st floor closet outlet, prep sink outlet
Dryer	M25	M26	Basement lights, master BR right outlet, TV room left outlet
	M27	M28	Left sink light & GFI & disposal
2 nd & 3 rd floor landing lights, Santa Fé room rear outlet, closet light & outlet, rear bath lights, beige BR main light, 3 rd floor LR rear outlet, 3 rd floor closet outlet	M29	M30	Stove outlet, plant room light, 1 st floor servant's stairs light
Master BR right bay outlet	M31	M32	Laundry light, outlet
Rear bath GFIs	M33	M34	Jack & bean stalk lights & front/rear outlets, beige BR side light & front/rear outlets, 3 rd floor LR front outlet and lights, office light, storage and 3 rd floor porch light, 3 rd floor servant stairs light
Jack & bean stalk BR side outlet, beige bedroom side outlet	M35	M36	Master BR left bay outlet. library light, master bath lights
Library outlets	M37	M38	Dining room lights & outlet, master BR rear outlet
Side door outlet, entrance hall high outlet, master BR lights, 2 nd floor hall light	M39	M40	2 nd floor servant stairs light, TV room light and front outlet
Kitchen phone outlet, 1 st floor closet light, TV room rear outlet, sunporch light and outlets, basement outlet (low voltage lights timer)	M41	M42	Front outside lights, entrance hall lights, 2 nd floor landing outlet

Secondary breaker box

Pantry and porch lights	S1	S13	Kitchen lights
Microwave	S2	S14	Dishwasher
Right kitchen counter outlet	S3	S15	Right sink outlets, plant room outlets
Center kitchen counter outlet & lights	S4	S16	Refrigerator
Right sink disposal	S5hi	S17	Main A/C
Garage	S5lo		
Stove hood light & fan	S6	S18	Main A/C
Washer	S7hi	S19	
Basement rear-door GFI	S7lo		
Left kitchen counter outlet	S8	S20	

Monitored circuits (22 Main, 7 Secondary)

Breaker	Phase	Enersure
<u>M1</u> , M3	φ1	CT1
<u>M2</u> , M4	φ1	CT17
M5, <u>M11</u>	φ1	CT3
M6	φ1	CT19
M8	φ2	CT21
M14	φ1	CT2
M20	φ1	CT4
M23	φ2	CT5
M24	φ2	CT6
<u>M25</u> , <u>M27</u>	φ1	CT7
M26	φ2	CT8
M29	φ1	CT9
M30	φ1	CT10
M31	φ2	CT11
M32	φ2	CT12
M34	φ2	CT14
M36	φ1	CT16
M38	φ1	CT18
M39	φ2	CT13
M40	φ2	CT20
M41	φ2	CT15
M42	φ2	CT22

Enersure	Breaker	Phase
CT1	<u>M1</u> , M3	φ1
CT2	M14	φ1
CT3	M5, <u>M11</u>	φ1
CT4	M20	φ1
CT5	M23	φ2
CT6	M24	φ2
CT7	<u>M25</u> , <u>M27</u>	φ1
CT8	M26	φ2
CT9	M29	φ1
CT10	M30	φ1
CT11	M31	φ2
CT12	M32	φ2
CT13	M39	φ2
CT14	M34	φ2
CT15	M41	φ2
CT16	M36	φ1
CT17	<u>M2</u> , M4	φ1
CT18	M38	φ1
CT19	M6	φ1
CT20	M40	φ2
CT21	M8	φ2
CT22	M42	φ2

1. S1 (n/c)
2. S2
3. S4
4. S5lo
5. S7hi
6. S13
7. S14
8. S16
9. S17,S18 (n/c)
10. S19,S20 (n/c)