

Color-coded PDF markup + quantity output · Multifamily renovation, 20 apartments · Power, lighting, alarms, low voltage

3 BEDROOM - 2400 FLOOR PLAN
 34'x18'x13'11"

Legend			
	Description	Quantity	Unit
	2#12 Romex wire	176.77	ft
	2#14 Romex wire	210.64	ft
	3-WAY SWITCH	4	Count
	20A DUPLEX OUTLET	17	Count
	20A GROUND FAULT OUTLET	1	Count
	20A GROUND FAULT OUTLET	4	Count
	220A DUPLEX OUTLET	1	Count
	220A WALL OUTLET	1	Count
	220A WALL OUTLET	1	Count
	CATV/PHONE	2	Count
	E-4	1	Count
	E-7	2	Count
	E-8	1	Count
	E-9	1	Count
	E-10 (CO/SD)	2	Count
	E-10 (SD)	2	Count
	E1	5	Count
	E2	3	Count
	E3	3	Count
	ELECTRICAL PANEL	1	Count
	GFI OUTLET	1	Count
	SINGLE POLE SWITCH	10	Count

WHAT YOU GET

- Device and fixture counts by schedule tag (E-1 to E-10)
- Branch wiring measured per circuit type, 10% waste
- Per-unit quantities carried to project totals
- Panel work, testing and patching scoped line by line
- Ready to price at your loaded labor rate, prevailing wage where required

Markup: two-bedroom unit, 1st and 2nd floor electrical plans with fixture schedule. Devices counted by color; wire runs traced by circuit type.

QUANTITY OUTPUT (from the Excel takeoff)

Item	Ref	Per apt	Unit	Apts	Project total
BRANCH WIRING (12 AWG NM-B, fished concealed, waste included)					
Power branch wiring, 12/2	E-1	194	LF	20	3,880
Lighting branch wiring, 12/2	E-1 N14	232	LF	20	4,640
Drops to devices and home runs, 12/2	E-1	176	LF	20	3,520
Smoke/CO interconnect, 12/3	E-1 N6	40	LF	20	800
DEVICES AND PANEL					
20A duplex and GFCI receptacles, tamper resistant	E-1 N11	23	EA	20	460
240V-to-120V conversions and dryer receptacle	E-1 N13	3	EA	20	60
Single-pole and 3-way switches	E-1	14	EA	20	280
Wall plates, 1- to 3-gang	E-1 N3	29	EA	20	580
AFCI and standard breakers	E-1 N9	5	EA	20	100
FIXTURES, EQUIPMENT AND LOW VOLTAGE					
LED ceiling fixtures E-1 / E-2 / E-3	Sched.	11	EA	20	220
Vanity, range hood, bath fan, thermostat, under-cabinet (E-4 to E-9)	Sched.	5	EA	20	100
Hardwired smoke and smoke/CO alarms (E-10)	Sched.	4	EA	20	80
CAT5e and RG6 home runs to demarc	E-1 N8	290	LF	20	5,800