YOUR LOGO

YOUR COMPANY ELECTRIC LTD.

Electrical contractor · your street address · Calgary, Alberta
403-000-0000 · office@yourcompany.ca · GST No. 00000 0000 RT0001
Master Electrician: your name and certificate number

PHOTO CHECK

PC-03 · before the inspection
Rough-in and service
Photos 2026-10-19 and -20

SAMPLE · FICTIONAL JOB · NOT FOR CONSTRUCTION Names, quantities and prices are invented. Your logo, rates and terms go here.

Project AS-24-0247, office / showroom / warehouse fit-out. The AI checked each line against 46 site photos and the drawings, then the Master Electrician reviewed it. Book the inspection only when every line is OK or FIXED.

#	What we checked	Basis	Photos	Result	Note
1	MSB: main bonding jumper installed and tight. Neutral bonded to ground here and nowhere else.	Section 10; E-501 detail 1	P-201, P-204	FIX > FIXED	Bonding jumper screw missing in P-201. Installed and torqued to the label value; P-204 retaken 10:41.
2	Grounding electrodes: two rods at least 3 m apart, conductor sized to Table 17, clamps listed and visible.	Section 10, Table 17	P-202, P-203	OK	
3	Service conductors: 2 sets of 350 kcmil per phase, lugs rated 75 °C, torque marks on every lug.	Table 2; E-201	P-205, P-206	OK	
4	Working space in front of the MSB and both panels kept clear, 1 m deep.	Rule 2-308	P-207	OK	Pallet moved by the GC before P-207.
5	Interrupting ratings: MSB 35 kA, Panels A and B 22 kA, at or above the fault current on E-201.	E-201 fault table	P-208, P-209	OK	
6	Shock and arc flash warning labels on the MSB, Panel A and Panel B.	Rule 2-306; E-501 detail 5	P-210	OK	
7	Panel directories typed and placed, matching E-301.	E-301	P-211, P-213	OK	
8	Panels A and B: neutral bar isolated, no bonding screw, bond conductor landed on the bond bar.	Section 10; E-501 detail 1	P-211, P-212	OK	
9	A bonding conductor in every raceway, sized to Table 16.	Table 16	P-214 to P-219	OK	
10	Boxes accessible, covers ready, conductors made up; no box overfilled.	Section 12	P-220 to P-228	OK	
11	Firestopping at rated separations, listed system label at each penetration.	NBC (AE) 2023; E-001 note 9	P-229, P-230	OK	
12	GFCI protection where required: washrooms, staff room counter, roof and exterior receptacles.	Section 26; E-102	P-231 to P-234	OK	
13	Rooftop units: disconnect within sight, service receptacle within reach, penetrations sealed.	E-501 detail 3	P-235 to P-238	OK	
14	Raceways supported, bushings and connectors tight, expansion fitting where the EMT crosses the building joint.	Section 12	P-239	OK	
15	Underground service: depth, sand bedding and warning tape photographed before backfill.	Rule 12-012, Table 53; E-501 detail 6	P-240, P-241	OK	Photos taken 2026-10-02 before backfill.
16	EV chargers: each on its own 40 A, 2-pole circuit, labelled; future rough-ins capped and labelled.	E-102 keyed note 1	P-242, P-243	OK	
17	Emergency lighting units on the area lighting circuit, ahead of any local switch; 30-minute test booked.	Section 46; E-101	P-244	OK	
18	Exit signs connected and lit, pictograms facing the right way.	NBC (AE) 2023; E-101	P-245	OK	
19	Every disconnect labelled with its panel and circuit.	E-102; E-501 detail 5	P-235 to P-238	OK	
20	Permit posted on site; plans examination (PL 1219) accepted for the 600 A service.	City of Calgary	P-246	OK	

RESULT: 19 OK · 1 FIXED · 0 OPEN

Ready to book. Rough-in and service inspection requested 2026-10-20 at 11:05.

Section, rule and table numbers refer to the Canadian Electrical Code, Part I, 2024 (CSA C22.1:24) as adopted in Alberta. The check prepares the job for the inspection; it does not replace the inspector or the Master Electrician. Not for construction.

Photos taken by: foreman, date

Reviewed by: Master Electrician, date

Inspection booked: date, time