

SAMPLE DELIVERABLE — SPECIMEN

Electrical takeoff report

Little Treasures Daycare — expansion — Mirabel (Quebec)

Project information

Project	Little Treasures Daycare — expansion (FICTITIOUS PROJECT)
Floor area	≈ 600 m ² (main floor + second floor)
Drawings used	Revision 2 — 2026-08-10
Sheets	E-101 (notes/legend) · E-201 (lighting, main floor) · E-202 (lighting, second floor) · E-301 (distribution) · E-401 (fire alarm) · E-501 (heating)
Delivery date	2026-08-24
Typical turnaround	3 business days after receipt of the drawings

Deliverable contents

① Excel file	Summary + 5 detail tabs by division, ready to drop into your estimate
② PDF summary	This document — totals, excerpts and how to read it
Traceability	Every quantity carries its legend symbol and reference sheet — verifiable in seconds

⚠ Quantities based on revision 2 (2026-08-10) of the drawings — to be validated by the contractor before bidding.

Quantity summary

Totals computed from the detail tables — Revision 2 — 2026-08-10

Division	Sheets	Total quantity
DIV-26-05-00 — Lighting	E-201 · E-202	48
DIV-26-20-00 — Distribution	E-301	18
DIV-28-31-00 — Fire alarm	E-401	26
DIV-23-82-00 — Heating	E-501	24
DIV-26-05-33 — Wiring and devices	E-201 · E-202	123
GRAND TOTAL		239

How to read this takeoff

- **Symbol (legend)** — each line matches a symbol in the drawing legend (sheet E-101): you find the exact device on the plan at a glance.
- **Reference sheet** — shows where the quantity was counted: open the sheet, find the symbol, verify in seconds.
- **Notes** — ambiguities found during counting are disclosed, not hidden: every takeoff is reviewed by a human who flags what must be confirmed with the engineer.
- **Validation clause** — quantities based on revision 2 (2026-08-10) of the drawings — to be validated by the contractor before bidding.

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DIV-26-05-00 — Lighting

Reference sheets: E-201 · E-202 — Revision 2 — 2026-08-10

Symbol	Description	Sheet	Zone / location	Qty	Unit
A	Recessed 2'×4' LED luminaire, 4000 K, dimmable	E-201	Main floor — activity rooms 1 to 3, corridor	10	ea.
A	Recessed 2'×4' LED luminaire, 4000 K, dimmable	E-202	Second floor — playroom, nap room	8	ea.
B	6 in. recessed LED downlight	E-201	Main floor — entrance hall, coat room, kitchen	7	ea.
B	6 in. recessed LED downlight ⚠ Symbol rotated 90° on E-202 — counted as type B after comparison with the E-101 legend.	E-202	Second floor — corridor, stairs	5	ea.
C	4 ft linear LED pendant luminaire	E-201	Main floor — multipurpose room	8	ea.
EM	Emergency lighting unit, 2 heads, 30 min	E-201	Main floor — main exits, corridor	4	ea.
EM	Emergency lighting unit, 2 heads, 30 min	E-202	Second floor — landing, stair	2	ea.
EXIT	LED exit sign, green pictogram	E-201	Main floor — exterior doors (3)	3	ea.
EXIT	LED exit sign, green pictogram	E-202	Second floor — exit stair	1	ea.
TOTAL — LIGHTING				48	

DIV-26-20-00 — Distribution

Reference sheets: E-301 — Revision 2 — 2026-08-10

Symbol	Description	Sheet	Zone / location	Qty	Unit
PE-1	120/208 V distribution panel, 100 A, 30 circuits	E-301	Main floor — electrical room 107	1	ea.
PE-2	120/208 V distribution panel, 100 A, 30 circuits ⚠ Ampere rating blank for panel PE-2 on E-301 — 100 A assumed by symmetry with PE-1, to be confirmed with the engineer.	E-301	Second floor — mechanical room 204	1	ea.
TR-1	75 kVA dry-type transformer, 600 V → 120/208 V, 3 ph	E-301	Main floor — electrical room 107	1	ea.
CB-20-1P	20 A single-pole breaker (panel PE-1/PE-2)	E-301	Receptacle and lighting circuits	8	ea.
CB-20-2P	20 A two-pole breaker	E-301	Heating and equipment circuits	4	ea.
CB-40-2P	40 A two-pole breaker (EV chargers)	E-301	Parking — EV circuits	2	ea.
CB-30-2P	30 A two-pole breaker (kitchen dryer)	E-301	Main floor — kitchen	1	ea.
TOTAL — DISTRIBUTION				18	

DIV-28-31-00 — Fire alarm

Reference sheets: E-401 — Revision 2 — 2026-08-10

Symbol	Description	Sheet	Zone / location	Qty	Unit
FACP	Mircom FX-4000 fire alarm control panel	E-401	Main floor — main entrance, adjacent wall	1	ea.
MS	Manual pull station, single action	E-401	Main floor (2) and second floor (1), near exits	3	ea.
HS	Wall-mounted horn-strobe, 15/75 cd	E-401	Main floor (5) and second floor (3) — common areas	8	ea.
SD	Photoelectric smoke detector ⚠ 2 detectors in the coat room not tagged in the legend — counted as standard type SD.	E-401	Corridors, nap room, activity rooms	12	ea.
HD	Rate-of-rise heat detector	E-401	Main floor — kitchen and electrical room	2	ea.
TOTAL — FIRE ALARM				26	

DIV-23-82-00 — Heating

Reference sheets: E-501 — Revision 2 — 2026-08-10

Symbol	Description	Sheet	Zone / location	Qty	Unit
BB-500	500 W electric baseboard heater, 240 V	E-501	Main floor — coat room, washrooms, office	7	ea.
BB-1000	1000 W electric baseboard heater, 240 V	E-501	Main floor (5) and second floor (3) — activity rooms	8	ea.
BB-1500	1500 W electric baseboard heater, 240 V	E-501	Multipurpose room and nap room (large volumes)	3	ea.
T-STAT	Electronic thermostat, 240 V ⚠ 6 zones identified on E-501; general note 7 mentions 8 zones — discrepancy reported to the engineer; quantity per drawn symbols.	E-501	One per heating zone	6	ea.
TOTAL — HEATING				24	

DIV-26-05-33 — Wiring and devices

Reference sheets: E-201 · E-202 — Revision 2 — 2026-08-10

Symbol	Description	Sheet	Zone / location	Qty	Unit
DUP	15 A, 120 V duplex receptacle, commercial specification grade	E-201	Main floor — all rooms	58	ea.
DUP	15 A, 120 V duplex receptacle, commercial specification grade	E-202	Second floor — all rooms	37	ea.
S1	15 A single-pole switch	E-201 · E-202	General lighting controls	18	ea.
S3	15 A three-way switch	E-201 · E-202	Corridors and stairs (pairs)	4	ea.
DUP-20	20 A dedicated receptacle (kitchen/laundry equipment)	E-201	Main floor — kitchen, laundry	4	ea.
EV-40	40 A, 240 V wall-mounted EV charger ⚠ Power feed from PE-1 (2 × CB-40-2P) — see Distribution division.	E-301	Outdoor parking — east side	2	ea.
TOTAL — WIRING AND DEVICES				123	