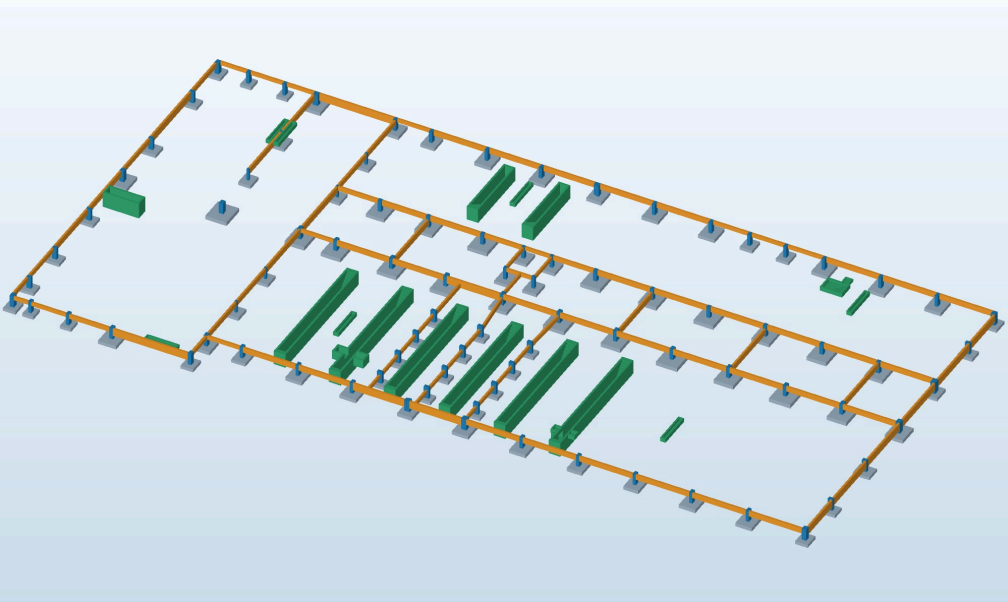
ENGINEERING TRACE

# Foundation pilot

PDF-led reconstruction into editable CAD, a concrete model and an unpriced quantity workbook.



## The workflow

### Source review

Read the governing drawings, dimensions, schedules and revisions.

### CAD and model

Reconstruct elements and connect plan geometry with the concrete model.

### Quantities

Organize measured items by description, unit and quantity.

### Handover

Present selected deliverables with a defined review scope.

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# From workbook to quantity

**Selected review quantities**

| Element | Unit | Quantity |
|---|---|---|
| **Footings** | m³ | 174.274 |
| **Pedestals** | m³ | 34.587 |
| **Tie beams** | m³ | 104.414 |

Selected net model quantities from the working quantity workbook. The three shown categories are unchanged in the later model review. Values are rounded to three decimals. Presentation excerpt with original numeric values and simplified descriptions. Unpriced review quantities.

Each value was read from the retained review workbook and rounded to three decimals for presentation. The excerpt covers the listed elements only. Procurement and design approval require separate checks.

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