PROFESSIONAL ESTIMATING LLC
CONSTRUCTION ESTIMATING SERVICES

ILLUSTRATIVE SAMPLE. Not a client project. Quantities only, no prices.

Drainage takeoff (sample)

Illustrative project: single-storey 3-bedroom home · Hamilton, Waikato (fictional site) · 168 m² gross floor area
Drawings: A-100 to A-410 (architectural), S-01 to S-06 (structural), H-01 (hydraulic), E-01 (electrical)
Wastewater and stormwater to E1 and G13, gravity to council connections.

Wastewater

Ref	Item	Unit	Qty	Drawing ref / note
D1.01	uPVC 100 dia. SN16, 0.6-1.2 m deep	lm	34	H-02
D1.02	uPVC 100 dia. SN16, 1.2-1.8 m deep	lm	9	H-02, near connection
D1.03	Gully trap	no.	1	H-02
D1.04	Inspection points / rodding eyes	no.	5	H-02
D1.05	Connection to council wastewater	no.	1	H-02

Stormwater

Ref	Item	Unit	Qty	Drawing ref / note
D2.01	uPVC 100 dia. stormwater	lm	52	H-02
D2.02	Downpipe connections	no.	6	H-02
D2.03	Yard sump with silt trap	no.	2	H-02
D2.04	Connection to council stormwater	no.	1	H-02

Assumptions and exclusions

- Quantities measured from the drawing references listed; no allowance for design changes after issue.
- Waste factors are stated per line where included; otherwise quantities are net.
- Ground conditions assumed 'good ground' to NZS 3604 unless the geotechnical report says otherwise.
- Exclusions: consent fees, development contributions, landscaping and loose furniture.