

ELEMENTAL SUMMARY - DISABILITY UNIT (OUTPUT 9)

45m² Disability Unit

Total Construction Area **45**

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
A PRIMARY ELEMENTS	103 025	2289.44	89.35%
1 Foundations	9 889	219.76	8.58%
2 Ground floor construction	11 034	245.19	9.57%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	22 427	498.37	19.45%
6 Roofs	7 276	161.70	6.31%
7 Internal divisions	12 427	276.17	10.78%
8 Partitions	0	0.00	0.00%
9 Floor finishes	7 843	174.29	6.80%
10 Internal wall finishes	18 573	412.74	16.11%
11 Ceilings and soffits	0	0.00	0.00%
12 Fittings	0	0.00	0.00%
13 Electrical installation	2 779	61.76	2.41%
14 Internal plumbing	10 776	239.46	9.35%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
25 Ventilation	0	0.00	0.00%
26 Heating	0	0.00	0.00%
27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%
35 Security systems	0	0.00	0.00%

	36 Communication systems	0	0.00	0.00%
	37 Prefabricated cold rooms	0	0.00	0.00%
	38 Signage	0	0.00	0.00%
	39 Artwork	0	0.00	0.00%
	40 Miscellaneous items	0	0.00	0.00%
C	ALTERATIONS	0	0.00	0.00%
	41 Alteration	0	0.00	0.00%
	EXTERNAL WORKS AND SERVICES	2 670	59.33	2.32%
D				
	42 Soil drainage	0	0.00	0.00%
	43 Sub-surface water drainage	0	0.00	0.00%
	44 Stormwater drainage	0	0.00	0.00%
	45 Water supplies	0	0.00	0.00%
	46 Fire service	0	0.00	0.00%
	47 External electrical installations	0	0.00	0.00%
	48 Connection fees, etc	0	0.00	0.00%
	49 Demolitions	0	0.00	0.00%
	50 Site clearance	2 670	59.33	2.32%
	51 Earthworks	0	0.00	0.00%
	52 Boundary, screen and retaining	0	0.00	0.00%
	53 Fencing and gates	0	0.00	0.00%
	54 Roads, paving, etc	0	0.00	0.00%
	55 Covered parking, walkways, etc	0	0.00	0.00%
	56 Pergolas, canopies, etc	0	0.00	0.00%
	57 Minor construction work	0	0.00	0.00%
	58 Pools, etc	0	0.00	0.00%
	59 Sports facilities	0	0.00	0.00%
	60 Garden works	0	0.00	0.00%
	61 Miscellaneous items	0	0.00	0.00%
E	TRAINING	0	0.00	0.00%
	62 Training	0	0.00	0.00%
F	PRELIMINARIES	9 608	213.50	8.33%
	63 Preliminaries	9 608	213.50	8.33%
	PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
G				
	64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST		115 302	2562.27	100.00%

COST PLAN - DISABILITY UNIT (OUTPUT 9)

45m² Disability Unit

CONSTRUCTION AREA 45 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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A PRIMARY ELEMENTS

1.0 Foundations

1.1 Unreinforced strip footings	37	m	143	5 248	117	4.55%	
1.2 Brick wall	37	m	126	4 641	103	4.02%	
1.3 Sundries		%		-	-	0.00%	
					9 889	220	8.58%

2.0 Ground floor construction

2.1 75mm Thick concrete surface bed	45	m ²	133	6 013	134	5.22%	
2.2 75 x 900 mm Wide apron slabs	25	m ²	101	2 535	56	2.20%	
2.3 Ramps	12	m ²	212	2 486	55	2.16%	
					11 034	245	9.57%

3.0 Structural frame

3.1 Nil		m		-	-	0.00%
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4.0 Independent structural components

4.1 Nil		m		-	-	0.00%	
					-	-	0.00%

5.0 External envelope

5.1 140mm Cement block wall	80	m ²	140	11 295	251	9.80%	
5.2 12mm Thick cement render	80	m ²	49	3 977	88	3.45%	
5.3 Windows type ND45 1511x 1245mm high (clear float glass)	2	No	1 020	2 039	45	1.77%	
5.4 Windows type NC4 1511x 949mm high (clear float glass)	3	No	819	2 456	55	2.13%	
5.5 Windows type NE1 533x 654mm high (obscure float glass)	1	No	321	321	7	0.28%	
5.6 FL&B single leaf door (strengthened to receive rail)	1	No	2 340	2 340	52	2.03%	
5.7 Contractor's fee		%		-	-	0.00%	
					22 427	498	19.45%

6.0 Roofs

6.1 50x152 Roof beams with carbolinium finish	49	m	45	2 185	48.56	1.90%
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6.2 0.5mm Full hard galvanised roof	50	m ²	95	4 785	106	4.15%	
6.3 Extra over sheeting for cranking to	8	m	28	210	5	0.18%	
6.4 Roof ties	16	No	6	96	2	0.08%	
					7 276	162	6.31%

7.0 Internal divisions

7.1 90mm Brick wall	36	m ²	127	4 527	101	3.93%	
7.2 1000mm wide Vinyl folding door	1	No	4 031	4 031	90	3.50%	
7.3 813 x 2032 hollow core door (strengthened to receive rail) and kick plates	3	No	1 290	3 869	86	3.36%	
					12 427	276	10.78%

8.0 Partitions

8.1 Nil		m		-	-	0.00%	
					-	-	0.00%

9.0 Floor finishes

9.1 Non-slip tiles laid on 25mm thick screed	41	m ²	163	6 698	149	5.81%	
9.2 Non-slip tiles laid on screed to falls including waterproofing (bathroom)	4	m ²	218	852	19	0.74%	
9.3 Ramp finishes	12	m ²	25	293	7	0.25%	
					7 843	174	6.80%

10.0 Internal wall finishes

10.1 One coat cement plaster and PVA paint to walls	149	m ²	75	11 167	248	9.68%	
10.2 Tiles fixed with adhesive to plastered walls including waterproofing (only to shower area)	3	m ²	203	526	12	0.46%	
10.3 Ditto, but in splashbacks	1	m ²	205	154	3	0.13%	
10.4 90 Deg.angle rail plugged and screwed to tiled wall.	2	no	1 582	3 164	70	2.74%	
10.5 600mm Linear grab rail plugged and screwed to tiled wall.	1	no	658	658	15	0.57%	
10.6 400mm Linear grab rail plugged and screwed to solid door.	3	no	610	1 830	41	1.59%	
10.7 Cistern grab rail	1	no	1 074	1 074	24	0.93%	
					18 573	413	16.11%

11.0 Ceilings and soffits

11.1 Nil		%		-	-	0.00%	
					-	-	0.00%

12.0 Fittings

12.1 Nil		%		-	-	0.00%	
					-	-	0.00%

13.0 Electrical installation

13.1 Prepaid ready board with one light point & one plug point together with supply cable	1	item	2 779	2 779	62	2.41%	
					2 779	62	2.41%

14.0 Internal plumbing

14.1	800 x 460 "Kwikhot sink' (including taps and support bracket)	1	no	1 423	1 423	32	1.23%	
14.2	WC unit with plastic seat and 9 litre cistern complete.	1	no	1 415	1 415	31	1.23%	
14.3	Bantam WHB (including taps and support bracket)	1	no	2 012	2 012	45	1.75%	
14.4	Wall mounted fold down shower seat and shower head complete.	1	no	2 551	2 551	57	2.21%	
14.5	Sanitary fittings sundries	3	no	125	375	8	0.33%	
14.6	Sanitary plumbing	4	no	750	3 000	67	2.60%	
						10 776	239	9.35%

15.0 Fire services

15.1	Nil		m	-	-	-	0.00%	
						-	-	0.00%

16.0 Balustrading, etc

16.1	Nil		m	-	-	-	0.00%	
						-	-	0.00%

17.0 Miscellaneous items

17.1	Nil		m	-	-	-	0.00%	
						-	-	0.00%

B SPECIALIST INSTALLATIONS

						-	-	0.00%
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C ALTERATIONS - Excluded

D EXTERNAL WORKS AND SERVICES - Excluded

50.0 Site clearance

50.1	Site clearance	250	m ²	5	1 125	25	0.98%	
50.2	Stripping 150 layer	250	m ²	6	1 545	34	1.34%	
						2 670	59	2.32%

E TRAINING

F PRELIMINARIES

20.0 Preliminaries

				9.09%	9 608	214	8.33%	
						9 608	214	8.33%

G PRICE AND DETAIL DEVELOPMENT

21.0 Price and detail development

21.1	Price and detail development			-	-	-	0.00%	
						-	-	0.00%

TOTAL IMPROVEMENT COSTS

115 302 100.00%

ELEMENTAL SUMMARY - Output 9 ENERGY EFFICIENCY

45m² Disability Unit

Total Construction Area 45

Elemental Total	Rate/m ² of Building Area	% of Total Cost
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	12 989	288.64	91.67%
A PRIMARY ELEMENTS			
1 Foundations	0	0.00	0.00%
2 Ground floor construction	0	0.00	0.00%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	4 036	89.68	28.48%
6 Roofs	0	0.00	0.00%
7 Internal divisions	0	0.00	0.00%
8 Partitions	0	0.00	0.00%
9 Floor finishes	0	0.00	0.00%
10 Internal wall finishes	1 618	35.96	11.42%
11 Ceilings and soffits	7 335	163.00	51.77%
12 Fittings	0	0.00	0.00%
13 Electrical installation	0	0.00	0.00%
14 Internal plumbing	0	0.00	0.00%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
25 Ventilation	0	0.00	0.00%
26 Heating	0	0.00	0.00%
27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%
35 Security systems	0	0.00	0.00%

ELEMENTAL SUMMARY - Output 9 ENERGY EFFICIENCY

45m² Disability Unit

Total Construction Area 45

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
36 Communication systems	0	0.00	0.00%
37 Prefabricated cold rooms	0	0.00	0.00%
38 Signage	0	0.00	0.00%
39 Artwork	0	0.00	0.00%
40 Miscellaneous items	0	0.00	0.00%
C ALTERATIONS	0	0.00	0.00%
41 Alteration	0	0.00	0.00%
D EXTERNAL WORKS AND SERVICES	0	0.00	0.00%
42 Soil drainage	0	0.00	0.00%
43 Sub-surface water drainage	0	0.00	0.00%
44 Stormwater drainage	0	0.00	0.00%
45 Water supplies	0	0.00	0.00%
46 Fire service	0	0.00	0.00%
47 External electrical installations	0	0.00	0.00%
48 Connection fees, etc	0	0.00	0.00%
49 Demolitions	0	0.00	0.00%
50 Site clearance	0	0.00	0.00%
51 Earthworks	0	0.00	0.00%
52 Boundary, screen and retaining	0	0.00	0.00%
53 Fencing and gates	0	0.00	0.00%
54 Roads, paving, etc	0	0.00	0.00%
55 Covered parking, walkways, etc	0	0.00	0.00%
56 Pergolas, canopies, etc	0	0.00	0.00%
57 Minor construction work	0	0.00	0.00%
58 Pools, etc	0	0.00	0.00%
59 Sports facilities	0	0.00	0.00%
60 Garden works	0	0.00	0.00%
61 Miscellaneous items	0	0.00	0.00%
E TRAINING	0	0.00	0.00%
62 Training	0	0.00	0.00%
F PRELIMINARIES	1 181	26.24	8.33%
63 Preliminaries	1 181	26.24	8.33%
G PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST	14 170	314.88	100.00%

COST PLAN - OUTPUT 9 ENERGY EFFICIENCY

45m² Disability Unit

CONSTRUCTION AREA 45 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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A PRIMARY ELEMENTS

1.0 External envelope

1.1	Extra over for Low E clear safety glass to windows type ND45 1511x 1245mm high	1	No	958	958	21	6.76%
1.2	Extra over for Low E clear safety glass for windows type NC4 1511x 949mm high	4	No	725	2 902	64	20.48%
1.3	Extra over for Low E opaque safety glass for Windows type NE1 533x 654mm high	1	No	176	176	4	1.24%
					4 036	90	28.48%

2.0 Internal wall finishes

2.1	Extra over bagging for one coat plaster	149	m ²	11	1 618	36	11.42%
					1 618	36	11.42%

3.0 Ceilings and soffits

3.1	6,4mm Gypsum plasterboard ceilings including brandering (primed) fixed to roof beams	45	m ²	135	6 075	135	42.87%
3.2	Fibreglass ceiling insulation	45	m ²	28	1 260	28	8.89%
					7 335	163	51.77%

B SPECIALIST INSTALLATIONS

Excluded

C ALTERATIONS

Excluded

D EXTERNAL WORKS AND SERVICES

Excluded

E TRAINING

Excluded

F PRELIMINARIES

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
		9.09%	1 181		26	8.33%
				1 181	26	8.33%

4.0 Preliminaries

G PRICE AND DETAIL DEVELOPMENT

5.0 Price and detail development

5.1 Price and detail development

		0%	-		-	0.00%
				-	-	0.00%

TOTAL IMPROVEMENT COSTS				14 170		100.00%
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ELEMENTAL SUMMARY - OUTPUT 9 ELECTRICAL INSTALLATION

45m² Disability Unit

Total Construction Area 45

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
A PRIMARY ELEMENTS	6 086	135.24	91.67%
1 Foundations	0	0.00	0.00%
2 Ground floor construction	0	0.00	0.00%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	0	0.00	0.00%
6 Roofs	0	0.00	0.00%
7 Internal divisions	0	0.00	0.00%
8 Partitions	0	0.00	0.00%
9 Floor finishes	0	0.00	0.00%
10 Internal wall finishes	0	0.00	0.00%
11 Ceilings and soffits	0	0.00	0.00%
12 Fittings	0	0.00	0.00%
13 Electrical installation	6 086	135.24	91.67%
14 Internal plumbing	0	0.00	0.00%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
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27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%
35 Security systems	0	0.00	0.00%

ELEMENTAL SUMMARY - OUTPUT 9 ELECTRICAL INSTALLATION

45m² Disability Unit

Total Construction Area 45

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
36 Communication systems	0	0.00	0.00%
37 Prefabricated cold rooms	0	0.00	0.00%
38 Signage	0	0.00	0.00%
39 Artwork	0	0.00	0.00%
40 Miscellaneous items	0	0.00	0.00%
C ALTERATIONS	0	0.00	0.00%
41 Alteration	0	0.00	0.00%
D EXTERNAL WORKS AND SERVICES	0	0.00	0.00%
42 Soil drainage	0	0.00	0.00%
43 Sub-surface water drainage	0	0.00	0.00%
44 Stormwater drainage	0	0.00	0.00%
45 Water supplies	0	0.00	0.00%
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47 External electrical installations	0	0.00	0.00%
48 Connection fees, etc	0	0.00	0.00%
49 Demolitions	0	0.00	0.00%
50 Site clearance	0	0.00	0.00%
51 Earthworks	0	0.00	0.00%
52 Boundary, screen and retaining	0	0.00	0.00%
53 Fencing and gates	0	0.00	0.00%
54 Roads, paving, etc	0	0.00	0.00%
55 Covered parking, walkways, etc	0	0.00	0.00%
56 Pergolas, canopies, etc	0	0.00	0.00%
57 Minor construction work	0	0.00	0.00%
58 Pools, etc	0	0.00	0.00%
59 Sports facilities	0	0.00	0.00%
60 Garden works	0	0.00	0.00%
61 Miscellaneous items	0	0.00	0.00%
E TRAINING	0	0.00	0.00%
62 Training	0	0.00	0.00%
F PRELIMINARIES	553	12.29	8.33%
63 Preliminaries	553	12.29	8.33%
G PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST	6 639	147.54	100.00%

COST PLAN - OUTPUT 9 ELECTRICAL INSTALLATION

45m² Disability Unit

CONSTRUCTION AREA 45 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost	
1.0							
Electrical installation							
1.1	Ready board (RBO) incl. BH with 63 Amp earth leakage relay and 2 x 20 Amp circuit breaker	1	item	1 800	1 800	40	27.11%
1.2	Polycarbonate fitting	3	No	550	1 650	37	24.85%
1.3	Wellglass BH	1	No	430	430	10	6.48%
1.4	1-lever switch	3	No	50	150	3	2.26%
1.5	16 Amp socket outlets	3	No	80	240	5	3.61%
1.6	Twin & earth 2,5 cable	21	m	15	305	7	4.59%
1.7	Twin & earth 1mm cable	30	m	12	360	8	5.42%
1.8	25mm PVC trunking	6	m	42	239	5	3.61%
1.9	20mm PVC conduit	51	m	40	2 040	45	30.73%
1.10	100 x 100mm PVC box	3	No	15	45	1	0.68%
1.11	50 x 100mm PVC box	4	No	14	56	1	0.84%
1.12	14 Watt - CFL lamps	5	No	50	250	6	3.77%
1.13	Conduit saddles	15	m	-	-	-	0.00%
1.14	Earth electrode	1	item	100	100	2	1.51%
1.15	Supply cable (allowance)	1	item	1 200	1 200	27	18.07%
1.16	Omit original allowance	(1)	item	2 779	(2 779)	(62)	-41.86%
					6 086	135	91.67%

B SPECIALIST INSTALLATIONS
Excluded

C ALTERATIONS
Excluded

D EXTERNAL WORKS AND SERVICES
Excluded

E TRAINING
Excluded

F PRELIMINARIES

63.0 Preliminaries	9.09%	553	12	8.33%
			553	12
				8.33%

G PRICE AND DETAIL DEVELOPMENT

64.0 Price and detail development	0%	-	-	0.00%
64.1 Price and detail development				0.00%
				0.00%

TOTAL IMPROVEMENT COSTS 6 639 100.00%