

Appendix 13 - Estimated Capital Costs of Public Realm Works
Perth City Hall – Costing of Options, April 2010

Civil Engineering Costs

Options 1.0, 2.1, 2.2, 5.1 & 5.2 - City Hall Remaining or replaced. Paving costs can be obtained for the surrounding streets from the table of costs and areas provided previously.

Option 4.0 - City Hall Demolished - 4 rows of water jets/fountains (total of 112 shown) in a lowered area, steps (3 no) around 3 sides of lowered area, glass covered performance canopy on raised plinth at west end.

Extra over the Option 1 cost referred to above:

Item	Cost (£)
Paving (@ £300/sq m)	517,000
Addition for area of steps	51,000
Import and compaction of fill	85,000
Pump/storage chamber incl. access	75,000
E/O for raised plinth	10,000
Total	738,000

Notes:

- (1) Drainage, lighting, trees, benches, street furniture – included in sq m rate.
- (2) Demolition, clearance/removal of material – others to price.
- (3) Supply and installation of fountains + M&E – others to price.
- (4) Glass canopy – others to price.

Option 3.1 & 3.2 – City Hall Partly Demolished (west end remaining – “Brandenburg Gate” option). 4 rows of water jets/fountains (total of 112 shown) at approximately existing ground level (no lowered area, steps or plinth/canopy).

Extra over the Option 1 cost referred to above:

Item	Cost (£)
Paving (@ £300/sq m)	405,000
Import and compaction of fill	85,000
Pump/storage chamber incl. access	75,000
Total	565,000

Notes:

- (1) Drainage, lighting, trees, benches, street furniture – included in sq m rate.
- (2) Partial demolition, clearance/removal of material – others to price.
- (3) Necessary work on remaining portion of City Hall – others to price.
- (4) Supply and installation of fountains + M&E – others to price.

Appendix 13 - Estimated Capital Costs of Public Realm Works
Perth City Hall – Exterior Space Works March 2010

Costs for Various Paved Areas (ranging from 175 to 350 £/square metre)

Areas (see plan ref. JRM/010310)	Area (sq m)	175	200	225	250	300	350
		(£ / sq m)					
		Overall Cost (£M)					
1-5 (incl.)	2973	0.52	0.59	0.67	0.74	0.89	1.04
1-5 (incl.) + 9	3157	0.55	0.63	0.71	0.79	0.95	1.10
1-6 (incl.) + 9	3663	0.64	0.73	0.82	0.92	1.10	1.28
1-6 (incl.) + 9 + 10	4898	0.86	0.98	1.10	1.22	1.47	1.71
1-6 (incl.) + 9 + 10 + 11	5386	0.94	1.08	1.21	1.35	1.62	1.89

Notes:

(1) R J McLeod's price for the external paving project around Perth Concert Hall (November 2004) was £1,021,000 for an area of granite paving of approximately 3860 sq m (£264/sq m).

(2) An estimate prepared in May 2006 for Perth City Hall external granite paving used £350/sq m, because construction inflation was rising at about 10% / year at that time.

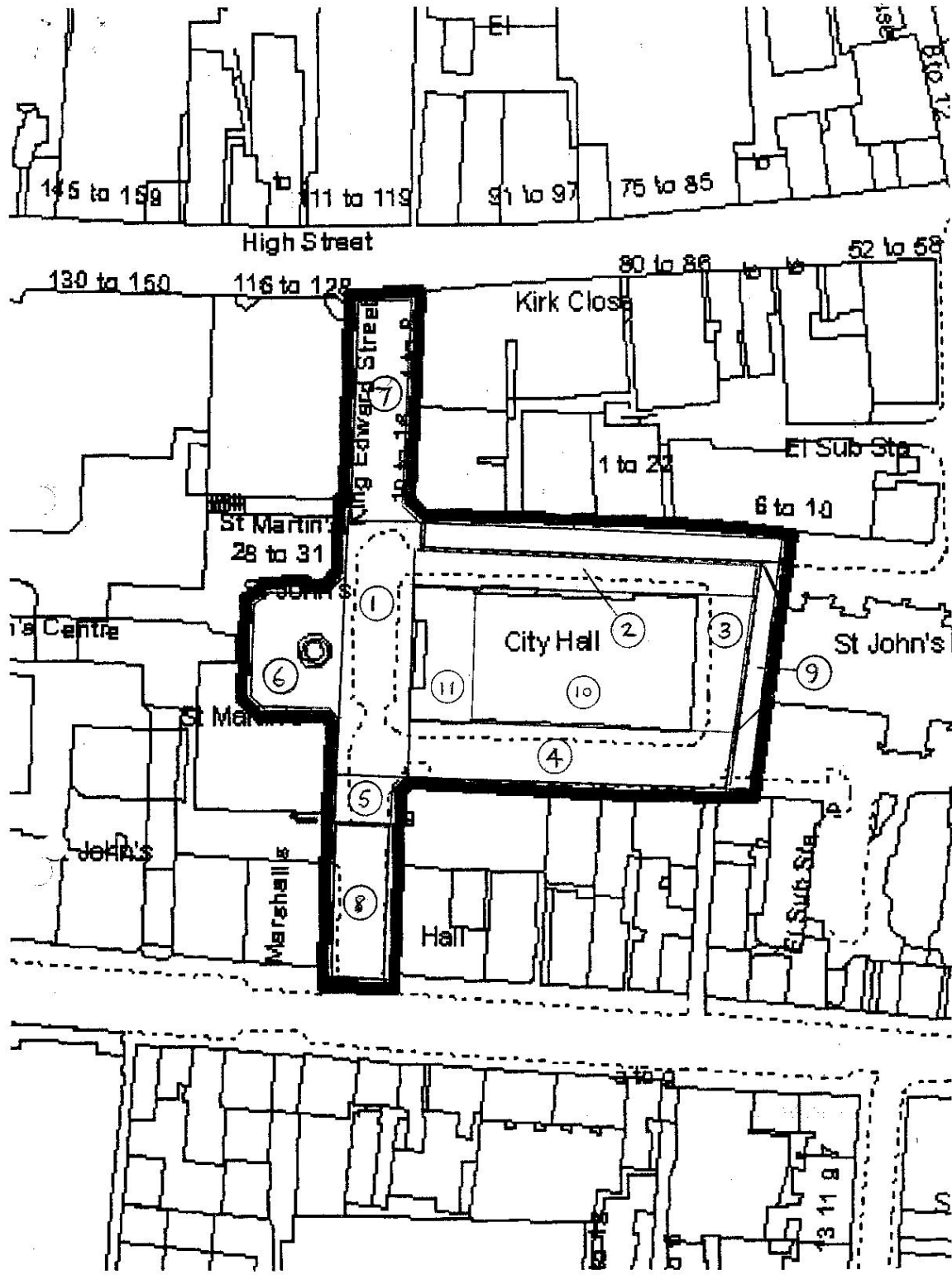
The following two notes contain "Commercial in Confidence" information, which should not be disclosed to persons outwith Perth and Kinross Council.

(3) A September 2009 tender for partial re-construction of Perth High Street in concrete slabs was priced at £374K for an area of 2230 sq m (£167/sq m).

(4) A September 2009 tender for re-construction of Perth High Street in granite slabs was priced at £1.237M for an area of 6190 sq m (£200/sq m).

JRM/010310

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PERTH CITY HALL
EXTERNAL WORKS

PLAN REF. JRM/010310
SCALE 1/1000