

Memorial Gardens, Norwich

The Memorial Gardens were constructed in 1937 to coincide with the re-development of Norwich Market Place. Located opposite the City Hall, the gardens and War Memorial were located on top of a reinforced undercroft structure used by the Market Traders for stock storage. The Gardens and the supporting structure are grade II listed.

In 2004 Stirling Maynard were asked to investigate the concrete structure. It was in a dilapidated condition and structural assessment raised serious concerns regarding its strength. Stirling Maynard provided options for remediation and strengthening of the structure, but in the meantime the Memorial Gardens were closed to the Public.

Ultimately the Council decided that remediation of the structure would not provide sufficient long term certainty over its future life, and hence the decision was taken to replace the roof structure. At the same time the Council took the opportunity to move and improve access to the War Memorial, which had been a long-held ambition of various stakeholder groups in the City, such as army veterans.



To facilitate replacement of the roof deck, the scheme required careful removal, storage, refurbishment and relaying of the existing pavings, stone works and balustrading. The scheme also required Planning and Listed Buildings consent and the design team worked closely with the local conservation officer as well as English Heritage and other stakeholders to achieve a successful outcome.



**NORWICH
City Council**



Duties undertaken by Stirling Maynard

- Civil and structural engineering advice to the multi - disciplinary team during planning and costing stage.
- Civil and Structural design of overall structure including
 - Piled foundations
 - Reinforced concrete columns
 - Reinforced concrete roof slab
 - Modifications to balustrading
 - Waterproofing
 - Protection of existing concrete
- Site monitoring of civil and structural works

Client

Norwich City Council

Structural Engineers

Stirling Maynard

Architect

NPS Ltd

Contractor

R G Carter

Total Project Value

£2.6M

