This tour takes the form of a circular walk from George Square northwards along George IV Bridge to the High Street of the Old Town, returning by South Bridge and Chambers Street and Nicolson Street. Most of the itinerary lies within the Edinburgh World Heritage Site.

The recommended route along pavements is shown in red on the diagram overleaf. Edinburgh traffic can be very busy, so TAKE CARE; cross where possible at traffic light controlled crossings. Public toilets are located in Nicolson Square near start and end of walk. The walk begins at NE corner of George Square (Route Map locality 1).

Further Reading
Lothian & Borders GeoConservation leaflets including Calton Hill, and Craigleith Quarry (http://www.edinburghgeolsoc.org/r_download.html)

Acknowledgements.
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Map adapted with permission from The Buildings of Scotland: Edinburgh (Pevsner Architectural Guides, Yale University Press), by J. Gifford, C. McWilliam and D. Walker
Front photograph of George Square in the 1950s courtesy of Agnes Barr. Other photographs © Andrew A McMillan.

Designed by Derek Munn
Printed by Winter and Simpson, Dundee
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Introduction

Local sources of Carboniferous (359-299 million years old) sandstone, for example from Craigimillar, Craigleith, Ravelston and Hailes quarries, provided builders, masons and architects with the excellent raw material that was used over several centuries. During the latter part of the 19th century, as local supplies dwindled and transport systems developed, sandstone was brought from quarries further afield, including West Lothian (Binny, Hermand, Humbie), Fife (Cullalo, Grange, Longannet), Stirlingshire (Polmaise), Dumfriesshire (Corsehill) and northern England (Blaxter, Darney, Duddington, Prudham). Many 20th C. buildings in Edinburgh used a variety of rock types as stone cladding (thin panels) to concrete and steel structures. Today, stone is used for conservation and repair as seen in the indents (replacement blocks) found in many buildings.

This leaflet describes a selection of buildings on a circular walk starting and finishing at George Square. Dates in brackets refer to the date of construction or other developments of the buildings, noting the principal architects and builders.

The walking tour

1 No. 60 George Square (1774-79) local dolerite (black igneous rock) and pink sandstone from Craigimillar. Columns of portico are of grey micaceous sandstone.

2 University George Square Lecture Theatre (1967, Robert Matthew, Johnson-Marshall & Partners) clad in Carboniferous sandstone from Wellfield quarries (Huddersfield).

3 University Library (1967, Basil Spence, Glover & Ferguson) cladding round base of Larvikite, a black Scandinavian granite; ramp parapet to west is clad in pale yellow-grey Portland Roach stone with Jurassic fossil bivalves and gastropods.

4 West side Nos. 29-28 Craigleith Sandstone, droved ashlar. Nos. 27-23 (1770-75) Roman Doric and Ionic columned doorpieces and cherrycock pointed pink Craigimillar sandstone and dolerite rubble with dolerite snecks.

5 Nos. 22-16 (1767-74), the earliest surviving houses also with cherrycock pointing, have been restored to show probable original appearance. Pavements on north and west sides of the Square are made of sharp flakes of dolerite placed vertically into ground, known as horonising. Road setts mainly dolerite.

6 Former George Watson’s Ladies College, No7 (1876, MacGibbon & Ross), elaborate carvings, including name, in sandstone. Good example of modern stone replacement.

7 Edinburgh University Union (1887, Sydney Mitchell 1887) Hailes Sandstone, laminated.

8 McEwan Hall (1888-97, Sir R. Rowand Anderson) Carboniferous sandstones Polmaise (Stirlingshire) and Prudham (Hexham, Northumberland). Small red sandstone columns are of Triassic St Bees Sandstone from Corsehill (Annan).
9 Adjacent Medical School (1886, Sir R. Rowand Anderson) also Polmaise stone.

10 Former Royal Infirmary undergoing a major renovation. Scots baronial style by David Bryce begun 1872 and finished by his nephew John (1879). Succeeded William Adam’s George Watson’s Hospital (1738). Stone used from Hailes and Cullalo (Fife). Buildings laid out in a pavilion system, isolation of blocks allowing air to circulate.

11 Telfer Wall, (1628-36) Lauriston Place. An extension of Flodden Wall to incorporate George Heriot’s Hospital. Rubble construction mainly of local sandstones.

12 Former Charity Workhouse, (1739-43) harled tenements in Forest Hill off Forest Road. Sandstone from City Quarry (Burgh Muir). Remnants were remodelled as dwelling houses down Candlemaker Row.


14 The bronze sculpture of Greyfriars Bobby (William Brodie, 1872), at the head of Candlemaker Row, sits on a plinth of polished Cumbrian Shap Granite, with prominent pink feldspar crystals.

15 National Museum of Scotland extension (completed in 1998 to International competition - winning design of Benson & Forsyth, 1991). Cladding of mottled yellow and orange Permian sandstone from Clashach Quarry (Hopeman, Moray). Pavements on both sides of street grey Devonian Caithness Flagstone, durable fine laminated sandstone. Near the museum is Bristo Port, the site of the Society of Brewers (or Greyfriars) Quarry which supplied rubble stone for Parliament House (locality 29).

16 National Museum of Scotland West Wing (1885-89), Chambers Street, Hermand sandstone (West Calder), sculptured figures (1861) Doddington sandstone (Northumberland).

17 Crown Office, (1886-88), formerly Heriot-Watt University, Prudham sandstone (Northumberland).

18 Sheriff Court extension (1997) Catcastle Sandstone (Barnard Castle, County Durham).

George IV Bridge (1829-34) is an elevated street above the Cowgate with houses built up on both sides; two open spans. Buildings include: 19-21:

19 The Augustine United Church completed 1861, tower recently restored with Blaxter sandstone, (Otterburn, Nothumberland).

20 Central Library (1887-90, George Washington Browne) elaborately carved Polmaise sandstone (Stirlingshire).

21 National Museum of Scotland West Wing (1885-89), Chambers Street, Hermand sandstone (West Calder), sculptured figures (1861) Doddington sandstone (Northumberland).
21 National Library of Scotland, (started in 1938 & completed 1955, Reginald Fairlie), Blaxter sandstone (Northumberland) on grey granite.

22 Victoria Street (1867-8), Scots Baronial style India Buildings display fine vermiculated work. No. 1 occupied by the Geological Survey (1869-1879).

23 Victoria Terrace is raised above street. From far end are fine views in foreground of crow-stepped gables and irregular slated roofs, in the middle distance old buildings of Grassmarket, and beyond in the far distance George Heriot's Hospital (School) (1628-1660, William Wallace, King's Master Mason from 1617), Ravelston, Craigmillar and Craigleith stone, the last used for refacing (1833).

24 Lawnmarket of the Old Town comprises late 17th and early 18th C. tenements (lands) & closes. Nos.312-320 have ashlar fronts. Off Lawnmarket are: Mylne's Court (1690, Robert Mylne), Fisher's Close (c. 1700) Gladstone's Land (c. 1620). Thomas Gladstone was a merchant. Arcading demonstrates a continental influence.

25 Bank of Scotland, founded 1695 (1802-6, extended by David Bryce, 1865-70), Mound Place. Binny sandstone (1846) with indents of Stainton sandstone (County Durham) (1986).

26 High Court of Justiciary former Sheriff Court (1934-37 A J Pitcher & J Wilson Paterson), at top of High Street. Darney sandstone (Northumberland).

27 David Hume Statue (1997 Alexander Stoddart) sits on plinth of yellow Clashach sandstone.

28 St Giles Cathedral with its late 15C. Spire faced with Cullalo stone (1829-33, William Burn). Cullalo recently used for repairs on S. side.


30 Charles II statue (c. 1685) taken down in 1824 for rebuilding of St Giles' and Signet Library (1813). Reinstalled with new plinth of Craigleith (1835). Original marble inscription tablet retained.


32 City Chambers, Royal Exchange (1753-61, John and Robert Adam; builder John Fergus), Craigleith and Longannet sandstones. Additions: Prudham sandstone (1904) and the Cockburn Street extension (1934) Darney sandstone.

33 Tron Kirk (1635-1647, John Mylne, Master Mason to Town & Crown), built for the displaced congregation of St Giles when it became a cathedral. Sandstone from Society and Craigleith quarries. Roof covered with copper from Hamburg (1647). Building of North Bridge and formation of Hunter Square (1785 and 1787) led to the shortening of kirk to E, W & S. Dutch steeple with covering of copper destroyed in the Great Fire of 16th Nov 1824. Steeple rebuilt in Humbie sandstone (Winchburgh) and largely refaced with Darney sandstone (1974-76).

34 South Bridge (1775-88, Alexander Laing), 19-arch viaduct. Prepared the way for building of University and provided access from old town to Nicolson Street and George Square.

35 Old College (1789-1827, Robert Adam, completed William Playfair). Doorway framed by six monolithic pillars of Craigleith sandstone (1791). Sandstone from Grange Quarry (Burntisland) used to support dome (1887, R. Rowand Anderson).


37 Mosque and Islamic Centre, (1998, Basil Al-Bayati) Potterrow, clad with Dunhouse (Staindrop) and Blaxter (Otterburn) Carboniferous sandstones; base of Baltic Brown orbicular granite. Just to south, Windmill Lane, connecting Chapel Street to George Square, is near site of a 17th C. quarry, as in Quarry Close on West Crosscauseway.