



Curriculum Vitae

Andrew Sandison
Partner

CONTACT

+44 1595 695 512
asandison@arch-henderson.co.uk

NATIONALITY

British

QUALIFICATIONS

BSc (Hons) Civil Engineering
Post Graduate Diploma in
Offshore Engineering

ACCREDITATIONS

BSc (Hons) CEng FICE FIES

YEARS OF EXPERIENCE

30+

EXPERTISE

Marine Works
Highways & Bridges
Industrial, Commercial and
Domestic Structures
Dredging & Reclamation
Contract & Project
Management
SER Certification
Oil and Gas Sectors

PROFILE

Andrew joined Arch Henderson in 1997 and is the Partner responsible for the administration and management of the Lerwick Office. Recent experience includes the design, supervision and contract management of a variety of Civil/Structural Engineering projects including marine works, building structures, highway works, office conversions and housing improvements. Andrew is a Fellow of the Institution of Civil Engineers.

EXPERIENCE

Andrew has over 25 years of experience in Design, Supervision and Contract Management and has gained experience in a wide variety of civil and structural engineering projects throughout Scotland and the UK and undertakes all marine works for Lerwick Port Authority.

SELECTION OF PROJECTS:

HOLMSGARTH NORTH, LERWICK HARBOUR

Land reclamation, construction of 804m of new steel solid quay berthing face with the east face 275m long to -10m CD. Approximately 185,000m³ infill is required to form the reclamation and quay works. Managed feasibility study, site investigation, design, pricing, procurement, licensing and CDM Principal and currently acting as Project Manager during current construction under NEC contract to completion. This project required innovative drilling and blasting techniques to pre-treat hard strata and provide pile toe fixity. £16.5M – Completed 2016.

DALES VOE SOUTH

Dales Voe South - Construction of 80m long quay using 2m dia. rock socketed combi wall, -12.5m CD depth heavy-lift load in quay for future oil decommissioning activities and platform top side direct transfer ashore capabilities. Remote location surrounded by working quarry and regular use by marine vessels. Managed feasibility study, site investigation, design, pricing, procurement, licensing and CDM co-ordination and acting as Project Manager during current construction under NEC contract. £11.5M – Completed 2016.

MAIR'S YARD DEVELOPMENT

Project Manager under NEC contract for design, tender and contract administration for this project which comprised the construction of a new steel sheet pile quay extending to approximately 176m together 1.4 Hectares of reclaimed land, access road, services and enabling works for future new Lerwick Fishmarket Development. £3M – Completed 2013.



Curriculum Vitae

Andrew Sandison
Partner



CONTACT

+44 1595 695 512
asandison@arch-henderson.co.uk

ACCREDITATIONS

BSc (Hons) CEng FICE FIES

YEARS OF EXPERIENCE

30+

GREENHEAD BERTH 7 & 8

Project Manager under NEC contract for design, tender and contract administration for this project consisting of two new quays at Greenhead, Lerwick for oil logistics industry. Consisting of approx. 185m length to -9mCD of suspended 18m wide concrete quay on steel piles with rock armour slope and 68,000m³ of reclamation infill. £6.5M – Completed 2013.

LERWICK HARBOUR DREDGING AND RECLAMATION WORKS

Project Manager for design and procured dredging works (750, 000m³) and re-use in 5.1 Hectares of land reclamation in Lerwick Harbour. £11.5M – Completed 2010.

HOUSING DEVELOPMENTS

Structural design and certification for a number of housing developments for Hjaltland Housing Association; including Fort Road, Quoys, East Voe, Pegasus Place, Cullivoe, Aith and Ladies Mire.

CURRENT PROJECTS:

LERWICK FISH MARKET

Project Manager for the proposed new fish market managing design, tender and construction and Principal Designer role. Chairing Stakeholder group meetings and finding solutions to meet differing requirements of the client, funders and international fishing industry. Estimated budget £9M.

SCALLOWAY FISH MARKET

Project Manager for proposed new fish market managing the design, tender and construction for Shetland Islands Council. Estimated budget £5.2M.

ULTRA DEEP WATER QUAY

The project to design an ultra-deep water quay at Dales Voe providing 24 metre deep quay for use by the offshore decommissioning industry commenced in 2017.

EMPLOYMENT HISTORY

1997 to present
1993 to 1997
1989 to 1993
1987 to 1989

Partner, Arch Henderson LLP
Project Engineer, Mott MacDonald
Design Engineer, Babbie, Shaw & Morton
Assistant Engineer, Babbie, Shaw & Morton