



Our community,
we care, you matter.....

New Hospital and Healthcare Facilities

100 Week Countdown...and we're off!



Picture courtesy of Orkney Media Group

The 100 week construction programme for NHS Orkney's new hospital and healthcare facilities started in April this year. Our partners Robertson Construction Group are due to complete the construction in spring 2019, when the building will be handed over to NHS Orkney.

During June and July 2017 Robertson has built a full scale mock up of a single ensuite bedroom as they will be set up in the new hospital, so staff and the public can make any final comments. Staff members will have the opportunity to visit the mock up room during the construction period to test layout and functionality and NHS Orkney will also organise a number of open days for the public – times and dates to be publicised.

Once the new building is handed over to NHS Orkney staff will begin the clinical and operational commissioning of the facility to make it ready to receive and care for patients. This will include equipping and stocking departments and wards and induction visits for staff so that they become familiar with their new departments and the building as a whole. Staff will also undertake essential training including fire and health and safety training as well as setting up and training on new equipment, systems and layouts.

NHS Orkney is planning to hold a number of open days during this commissioning period so that the public, staff and their families and friends can visit the new facilities before the final clinical clean of the building is completed in preparation for the first patients. Information leaflets explaining the layout and where to find all departments will be developed in advance of the open days.



Services

The new hospital will provide a range of emergency, outpatient, day case, inpatient and support services to support our vision of delivering more services closer to home. Our aim is that travelling out with Orkney for the majority of routine care could become a thing of the past for many. In addition, Skerryvore and Heilendi GP practices and NHS Orkney's dental practice will be relocated within the new building to support the delivery of services under one roof making it easier for patients and their families. This will also reduce the money we would continually have to invest as buildings become increasingly unfit for purpose in the near future.



At our Bidder's Day event in August 2014, NHS Orkney's Chief Executive, Cathie Cowan, challenged developers to invest in a legacy that went beyond a building, and invited them to become part of our future – a future that pledges to invest in high quality care and services. In response we have a building that offers opportunities for new ways of

working. Outpatient and day case facilities will expand to support a 49 inpatient bed facility with purpose built emergency, high dependency, diagnostic and theatre facilities.

There will be increased technical connectivity to support the use of WiFi and videoconferencing/telemedicine across the whole build so patients and families in more remote area of Orkney can link in and be part of extended activities and consultations

Work is well developed in terms of identifying the details of equipment needed in every room in the new building – with the aim of transferring as much of the existing equipment as possible.

Interior Design – staff have been involved in the finalisation and choosing of colours and textures for many of the rooms, ensuring that the needs of patients where colour and contrast is crucial and cleaning requirements can both be met.

Project Timetable

The timetable below sets out how the construction works are progressing. The timetable also shows the various stages of the construction through to the planned handover of the building in spring 2019, followed by the NHSO commissioning period before the first patients are received in late summer 2019.

Project Timetable

	2017										2018										2019									
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Start on Site	Complete																													
Gen Earthworks		Complete	Complete	Complete																										
Car Park & Externals																														
Substructures																														
Structural Frame																														
Roof																														
Walls																														
Fit Out & Install																														
Energy Centre																														
NHSO Ben Access																														
Final Testing																														
Build Con Inspect																														
Handover to NHSO																														
NHSO Comms																														
First Patients																														

Key	Complete
	In progress
	To start

Sustainability

Sustainability has been a key consideration in the design of the New Hospital and Healthcare Facility with a BREEAM 'Excellent' rating being targeted for the new building.

BREEAM stands for Building Research Establishment Environmental Assessment Method, the longest established method of assessing, rating and certifying the sustainability of buildings.

The BREEAM assessment process is being used to evaluate the procurement, design, construction and operation of the new facility, measuring sustainable value in a series of categories ranging from energy to ecology.

Key aspects of the design in terms of sustainability are;

- Materials procured from ethical/ sustainable sources.
- A high performance facade solution with low U-Values, which means that the building will have a low rate of heat loss, which adds to its energy efficiency. The building also benefits from solar panels
- Construction waste material will be kept to a minimum and at least 70% will be diverted from landfill.
- 1200m² of photovoltaic panels on roof of building.
- Air to water and water to water sequential heat pumps.
- Natural ventilation strategy used in low occupancy areas where applicable.
- Building management system automated with energy metering. Centrally controlled with individual sensors and room control to optimise energy performance.
- External lighting with motion sensors to provide safe and energy-efficient lighting to local pathways.
- Internal lighting design incorporating Passive Infrared (PIR) and daylight sensing control.
- 10 electric car charging points provided.
- Cycle shelters provided for 20 bicycles.
- Buggy/ Mobility Scooter shelters provided.
- Good public transport links with bus stop located within Hospital site.

Construction Progress Photos



Community Benefits

Robertson are engaging with the community including mainland and isle schools, Orkney UHI College, local charities, employability organisations and social enterprise.

They have begun visiting schools around Orkney to commence a range of curriculum supported activities to promote careers in construction to students.

An Apprenticeship Open Day was held in June 2017 at the local library to provide an opportunity for the community to enquire about available apprenticeships and work experience placements on the project.

Robertson will continue to work with the community to create a long term legacy with sustainable community benefits.



Fundraising

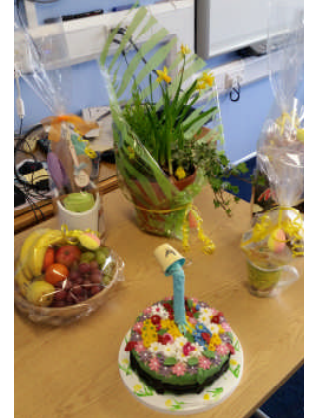


NHS Orkney has established a Fundraising Group specifically to raise funds which will enable the Board to purchase items which will improve the patients and staff experience but which would not be covered by the Board finances as not deemed to be essential clinical items. Such items could include soft furnishings for patient waiting areas, sensitive furnishings for the Sanctuary area, play items for the children's waiting area and patient entertainment equipment, e.g. televisions for each of the inpatient rooms, as well as improving the environment in our staff and public rest areas.

In addition to enhancing the interior environment, we are raising funds to enhance the exterior grounds of the hospital – which will include developing and landscaping garden areas so that they include a rehabilitation garden space with a sensory garden area for dementia patients, Cancer & Palliative Care garden area, and a children's play area. These spaces will ensure that staff, patients and relatives alike can have a choice of areas available to them when they are visiting the new build.

We are delighted to announce that so far we have raised £17,545.47 through various events including bagpacking, bingo, carboot sales, crafts, recipe books, quiz nights and who can forget last years The Cube. We would like to take this opportunity to thank everyone who has been involved, supported and participated in all our fundraising events and look forward to meeting you again at one of our future events as we continue towards our goal!

For further information on the Fundraising Group and future events please visit our page on NHS Orkney's website or follow us on Facebook and Twitter.



Picture courtesy of NHSO Fundraising Group

Did you know that -

- The total site area of the new build is equivalent to 8.7 football pitches
- The new building will have 737 door sets
- The 2 Kirkwall GP practices and dental practice will be part of the new hospital and healthcare facility
- There will be 320 car parking spaces
- There will be a restaurant and coffee area for staff, patients and visitors
- The building will have 244 windows
- There will be a sensory rehabilitation garden based in the grounds
- There will be a total of 91 toilets, including ensuite, public & staff toilets
- Scottish Ambulance Service will be joining us in the new hospital and healthcare facility

And finally –

- 1,220 tonnes of steel will be used in the build and that is equivalent to the combined weight of 244 elephants

How can I find out more?

For further information and updates visit the New Hospital and Healthcare Facility page on NHS Orkney's website (www.ohb.scot.nhs.uk), or follow us on Facebook and Twitter.

If you have any questions or queries please contact the Project Team at: ork-hb.projectteam@nhs.net or call on 01856 888902