Sustainability Approach
BREEAM

- BREEAM 2011 employed
- Target ‘Excellent’
- Pre-assessment score currently 72.73%
- Target to achieve 60% of the available Energy and Water credits
Energy Supply - CCHP

- Gas fired CCHP solution
- Creation of a district energy network
Energy Supply - PV

- 290m² PV array located on the eastern finger of stage 1
- Generates 33MwH/annum
- 3 further areas totaling 520m² future proofed for PV installation
Water consumption

- Efficient fixtures and fittings
- Design solutions
- Metering strategy
- Rainwater harvesting for irrigation
Materials

- DfMA process to reduce construction waste
- Recycled aggregates
- A/A+ materials specified as per BRE Green Guide to Specification
- FSC/PEFC specified timber
- Operational waste recycling
Living Roofs

- Green roofs, brown roofs, amenity gardens
- 5217m² green roof/amenity garden and 388m² brown roof
- Planting strategy
- Habitat creation, biodiversity, water attenuation, air quality