NORR

NEW BUILD HOUSING DEVELOPMENT COMPRISING 14NO. PLOTS AT THE FORMER WEST BOLDON SCHOOL SITE, BOLDON, NE36 0QG

SUSTAINABILITY STATEMENT ADDENDUM

Scheme Name:	West Boldon New Housing Development
Scheme Number:	IANC 160076
Date:	August 2019
Proposal:	Housing for Gus Robinson Developments and Karbon Homes
Site Location:	West Boldon School Site, North Road, Boldon, Tyne and Wear NE36 0QG
Applicants:	Karbon Homes
Agent:	NORR Consultants Ltd.
Current Use:	Former West Boldon School Site
Proposed Use:	14no. New build homes for Karbon Homes

GREEN GUIDE RATINGS FOR BUILDING MATERIALS

External Walls: Brickwork Outer Leaf, Insulation, Aircrete Blockwork Inner Leaf
Element Number: 806170615
Achieved Rating: A+

First Floor Construction: Chipboard Decking on Timber Joists
Element Number: 807280081
Achieved Rating: A+

Roof: Timber Trussed Rafters and Joists with Insulation, Concrete Interlocking Tiles
Element Number: 812410007
Achieved Rating: A+

Internal Walls: Timber Stud Framed Partitions
Element Number: 809760003
Achieved Rating: A+

Windows: PVC-U Windows with Steel Reinforcement, Double Glazed
Element Number: 813100009
Achieved Rating: A

Boundary Protection: Pre-Treated Timber Post and Panel Fencing
Element Number: 827020012
Achieved Rating: A+

Surfacing for Pedestrian Areas: Concrete Paving Flags with no Sub Base
Element Number: 824130006
Achieved Rating: A+

Landscaping: Asphalt (85mm) over Prepared Sub – Base
Element Number: 830120001
Achieved Rating: A

Local Sourced Materials

All material will be locally sourced where possible.

U-Values

Ground Floor: 0.15 W/m²K

External Walls: Facing Brickwork – 0.18 W/m²K

Roof – 0.09 W/m²K

Windows/External Doors – 1.30 W/m²K

Energy Efficiency Technologies Included

Energy Efficiency Leaflet left at all properties.
Energy saving light bulbs to be fitted as standard.
Loft and cavity wall insulation to a high standard.

Percentage of Low Energy Lighting

Efficient lighting outlet to be provided by basic lighting outlets or complete luminaires that only take lamps having a luminous efficiency greater than 40 lumens per circuit watt. Lights to be provided at a ratio as follows:

Number of rooms created:	Recommended minimum no. of locations:
1 – 3	1
4 – 6	2
7 – 9	3
10 – 12	4

External lighting to be provided as lighting above or have automatic control to extinguish when there is enough daylight and when not required at night.

A+ Rated Appliances

Installed Boilers to be 'A' efficiency rated.

Renewable Energy Technologies Considered / Included

Photovoltaic Units considered on site but not included.
Air source heat pumps considered but not included.

How Resilience will be built into the Development

Please refer to Proposed Landscape Plan