

## **ES ADDENDUM**

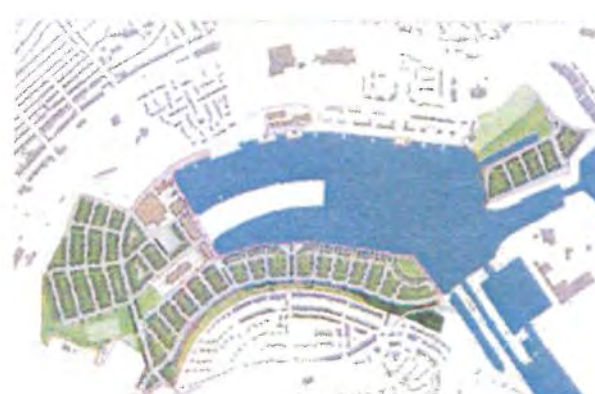
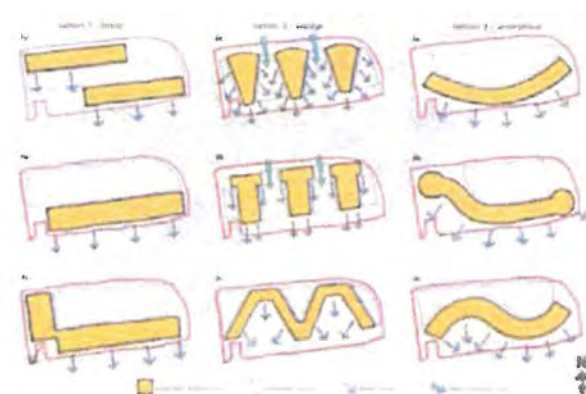
### **Appendices**

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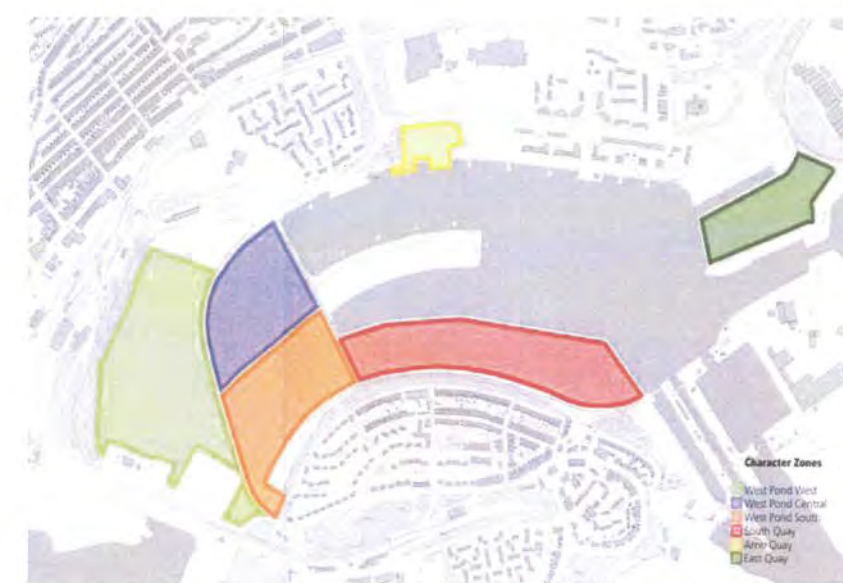
Appendix 3.1 Images of Design Evolution and Alternatives Considered



# Appendix 3.1 - Images of Design Evolution and Alternatives Considered



Outline Masterplan April 2008 (source: Waterfront Barry DCfW Background Information: May 2009)



Character Zones (source: Waterfront Barry Development Brief V4.4 31 July 2008)

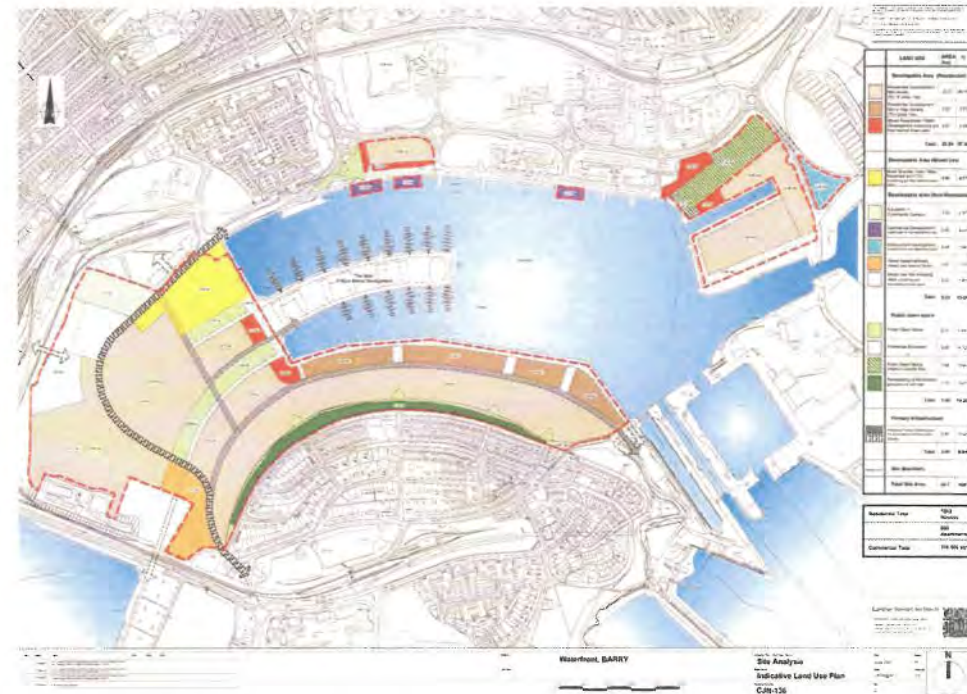
Initial Ideas (source: Waterfront Barry DCfW Background Information: 28 April 2008)



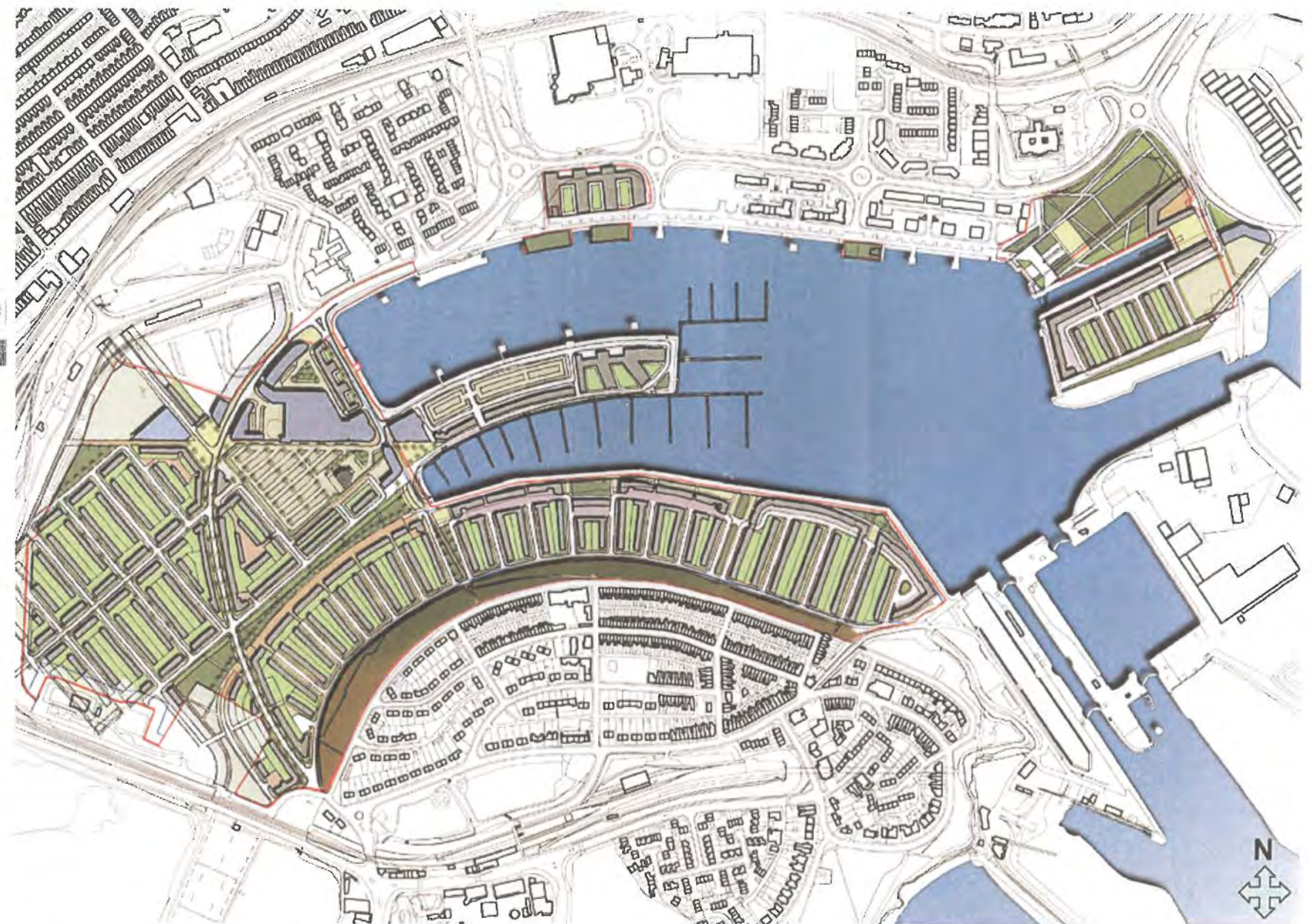
# Appendix 3.1 - Images of Design Evolution and Alternatives Considered



Initial submission proposal (Gardner Stewart Architects) March 2007



Initial Indicative Land Use Plan (Gardner Stewart Architects)



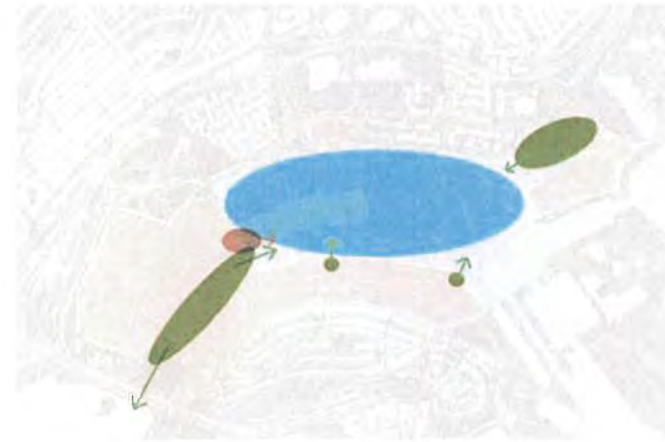
Outline Masterplan (source: Waterfront Barry DCW Background Information: May 2009)



# Appendix 3.1 - Images of Design Evolution and Alternatives Considered



Improved Accessibility



Public Open Space



Primary Vehicle Movements



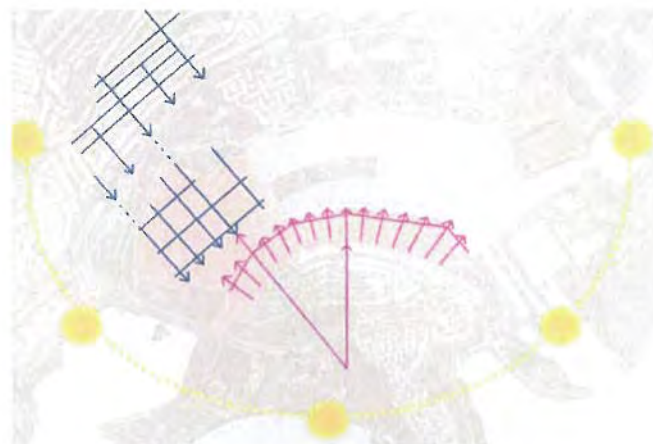
The Influence of the Mole



Primary Pedestrian and Bicycle Movement through the Site



Location of Commercial Quarter



The Confluence of Grain



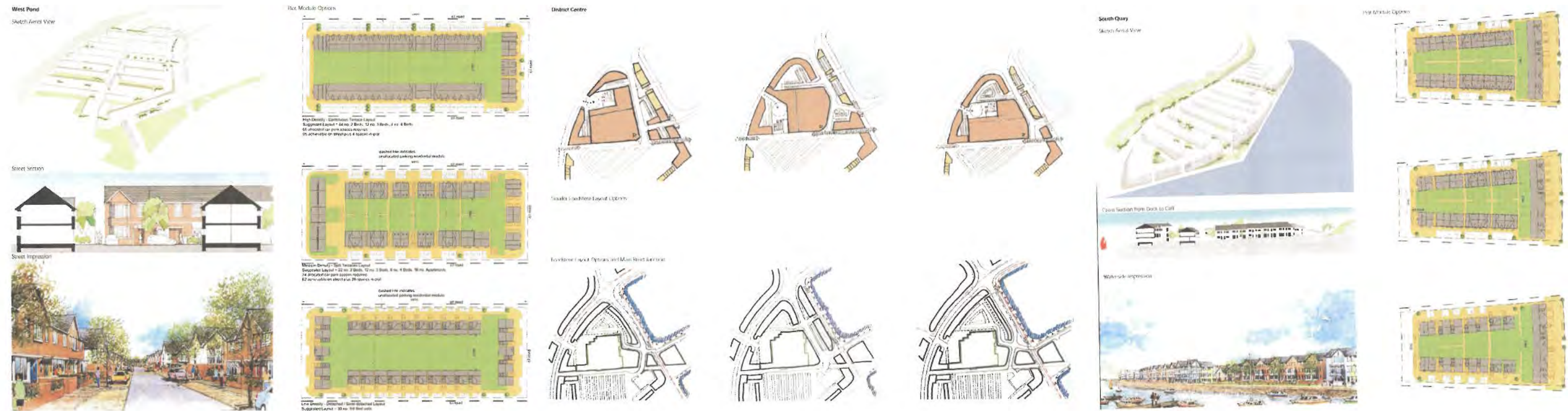
Key Frontages



Nodes and Opportunities for Height



# Appendix 3.1 - Images of Design Evolution and Alternatives Considered



Design responses/ investigation (source: Waterfront Barry DCW Background Information: 28 April 2008)

## ES ADDENDUM

### **Appendices**

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Appendix 8.1 Environment Agency Wales response to Arup Draft Strategic Level Flood Study (13 May 2008)





Mr John Smith - Associate  
Ove Arup & Partners  
4 Pierhead Street  
Cardiff  
South Glamorgan  
CF10 4QP

Ein cyf/Our ref: SE/2007/100881/04-L01  
Eich cyf/Your ref: 122374/JS

Dyddiad/Date: 13 May 2008

SUR CARDIFF	
15 MAY 2008	
122374	630
JS	JS

Annwyl Mr Smith / Dear Mr Smith

### DRAFT STRATEGIC LEVEL FLOOD STUDY, WATERFRONT BARRY

Thank you for your enquiry and following enclosure, which was received on 28 March 2008.

- Waterfront Barry - Strategic Level Flood Study produced by Ove Arup & Partners Ltd, Report Reference 07/7285 (Draft 1) dated November 2007

We wish to respond as follows;

It is evident that the "East and South Quay" sites are partially within zone C2 as defined by the development advice map (dam), referred to under Technical Advice Note 15 (TAN15) (July 2004). In accordance with TAN15, the development category is regarded as highly vulnerable and the TAN states that such developments should not be permitted within zone C2. It also appears that other sites lie entirely within zones A and B, as defined by the development advice map development advice note (dam) referred to under TAN 15.

We would recommend that the proposed mitigation measures indicated in the aforementioned report along the south-west area of West Pond/Barry Harbour that is east of the viaduct structure, is constructed as a landform and not as an earth bund. If it is proposed to construct a "local bund", a breach scenario of this will need to be undertaken to be included in the report, and submitted for further review and agreement.

Notwithstanding the above comments, should a planning application be submitted and if the Local Planning Authority (LPA) were minded to approve then we would recommend inclusion of the following condition in any planning permission granted. This condition would also apply to those sites within zones A and B where existing

Asiantaeth yr Amgylchedd Cymru/Environment Agency Wales  
Rivers House (St. Mellons Business Park) Fortran Road, St. Mellons, Cardiff, CF3 0EY.  
Llinell gwasanaethau cwsmeriaid/Customer services line: 08708 506 506  
E-bost/Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)  
[www.environment-agency.gov.uk](http://www.environment-agency.gov.uk)

Cont/d..

ground levels have been established as being below that stated in the condition.

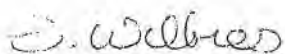
**CONDITION:** The development levels within the proposed sites must be set to a minimum level of 8.868 mAOD.

**REASON:** To reduce the risk of flooding

Please be aware that we may wish to make further comments as more details are received in relation to proposals and as related to our other interests e.g. pollution prevention measures.

If you have any further queries, then please do not hesitate to contact me.

Yn ddiffuant / Yours sincerely



**Mrs SARA WILKES**  
**Planning Liaison Officer**

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Ffacs uniongyrchol/Direct fax 029 20362920

E-bost uniongyrchol/Direct e-mail wilkes.Cardiff2.WLS@environment-agency.wales.gov.uk





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