How to Analyse Housing and Regeneration Designs from a Health Impact Assessment Perspective

Salim Vohra, Zafar Iqbal, Judy Kurth, Gifty Amo-Danso
Centre for HIA, Institute of Occupational Medicine and NHS Stoke-on-Trent
International HIA Conference, Grenada, Spain 13th-15th April 2011
WHO 12 Healthy Urban Planning Principles

Healthy Lifestyles

Do planning policies and proposals encourage and promote healthy exercise?

Social Cohesion

Encourage and promote social cohesion?

Housing Quality

Encourage and promote social cohesion?

Access to Work

Encourage and promote access to employment opportunities?

Accessibility

Encourage and promote accessibility?

Local low-input food production

Encourage and promote local food production with low input food production?
WHO 12 Healthy Urban Planning Principles

Safety
encourage and promote safety and the feeling of safety in the community?

Equity
encourage and promote equity and the development of social capital?

Air quality and aesthetics
encourage and promote good air quality, protection from excessive noise and an attractive environment for living/working?

Water and sanitation quality
encourage and promote improved water and sanitation quality?

Quality of land and mineral resources
encourage and promote the conservation and quality of land and mineral resources?

Climate Stability
encourage and promote climate stability (and reduce the potential impacts of climate change)?
Draft Masterplan Design 1

Key Sites
1. Bournes Bank
2. Woods Pottery
3. Slater Street
4. Former Co-op Bakery
5. Furlong Industrial Area
6. Shirley Street
Draft Masterplan Design 3

Key Sites
1. Bournes Bank
2. Woods Pottery
3. Slater Street
4. Former Co-op Bakery
5. Furlong Industrial Area
6. Shirley Street
Where Does Reviewing Masterplans Fit In To HIA

Screening
  ↓
Scoping
  ↓
Baseline and community profile
  ↓
Evidence review
  ↓
Stakeholder engagement
  ↓
Analysis
  ↓
Mitigation and enhancement
  ↓
HIA Report or Public Health Statement
  ↓
Follow up (monitoring and evaluation)

Reviewing/analysing the masterplan designs / drawings

Part of HIA or can be done separately?
10 step process to ‘health proofing’ masterplans

Step 1  Get the Draft Masterplan Design Options

Step 2  Review the Vision and Objectives

Step 3  Review the Draft Masterplan Design Options

Step 4  Recommend, challenge and support design elements

Step 5  Do a follow up review of the Final Masterplan Design
<table>
<thead>
<tr>
<th>Design Review Questions</th>
<th>Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is the relationship between the housing, greenspace, roads, shops/amenities and business areas? How do they fit together or don’t? Does it make holistic sense? Is it ‘legible’/understandable (easy to navigate through the streets)?</td>
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<tr>
<td>Do the blocks of new housing fit with the existing blocks of housing? Is there affordable/key worker housing?</td>
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<td>Is greenspace maintained, increased and improved? Is it accessible? Is there an opportunity for allotments/communal gardening?</td>
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<td>Do roads and routes connect residents or serve to cut them off (physical/community severance)?</td>
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<td>Are pavements/footpaths, cycleways and public transport links developed? Do they form a coherent and connected linked set of routes? Do they have priority over cars?</td>
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<td>Is there a public space, a service hub, a local centre that serves as the heart of the area?</td>
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<td>What kinds of public services, amenities and facilities are planned? Are there any gaps in service?</td>
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<td>Is there provision for a local community centre and/or space for community/voluntary/charity groups?</td>
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<td>Are there good natural surveillance/ opportunities for people to pass by?</td>
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<td>How do the commercial areas fit with each other and with the residential areas? Is it too big/too small?</td>
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<td>How does the proposed development link with other adjacent neighbourhoods?</td>
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<td>Is there any local art/distinctive landmark/ architecture planned to build and create a revived sense of place/community identity?</td>
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## In-depth Review Table

<table>
<thead>
<tr>
<th>Masterplan Design Option No. &amp; Name:</th>
<th>Regeneration/Development Objectives to Consider</th>
<th>Potential positive health/wellbeing impacts</th>
<th>Potential negative health/wellbeing impacts</th>
<th>Suggestions for mitigation and enhancement/Other Comments/Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Healthy Urban Planning Themes</strong></td>
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</tbody>
</table>
| Healthy Lifestyle                   | Does the development encourage and promote physical activity?  
Is the community walkable?           |                                        |                                             |                                                                      |
|                                     | What type of amenities, facilities and public services are planned or exist already that are nearby? |                                        |                                             |                                                                      |
|                                     | What existing sports/leisure facilities are there and will they cope with any increase in population? |                                        |                                             |                                                                      |
| **Social Cohesion** (encouraging active community participation) | Is there one or more accessible outdoor public spaces e.g. plazas, central open spaces? |                                        |                                             |                                                                      |
|                                     | Is there provision for a local community centre or indoor public space where residents and community groups can meet and carry out activities e.g. mother and toddler groups, youth work groups, community development activities? |                                        |                                             |                                                                      |
|                                     | Do the new and/or existing commercial developments fit well with the residential developments and the wider neighbourhood? |                                        |                                             |                                                                      |
|                                     | Is there integration between existing housing and new housing? |                                        |                                             |                                                                      |
|                                     | How do new routes and roads affect the community setting? (physical and community severance) |                                        |                                             |                                                                      |
| **Building quality** (Housing and Employment Sites) | What sustainable and healthy building standards will be used for the residential and commercial developments? |                                        |                                             |                                                                      |
Recommendations for Middleport

Health Themes:
- A walkable community
- A socially rich and cohesive community
- A physically active community

General:
- 😊 Make parks as attractive, safe, accessible and well maintained.
- 😊 Make better use of canal towpath/footpaths and cycleways.
- 😊 Ensure no fast food in any new retail spaces that are developed.
- 😊 Locate new industrial sites towards Steelite rather than adjacent to Grange Park and cluster employments sites together.
- 😊 Support the greening/public realm and environmental improvements e.g. plant trees along the roads, improved street furniture, and removal of non-essential signs.
- 😊 Support the creation of Home Zone areas throughout the development and additional safe crossing points across Middleport.
- 😊 Improved lighting across the whole development
Recommendations for Middleport

- Options 2 and 3 have a better layout of housing to the south allowing houses that overlook and skirt Grange Park. In Option 1 the employment sites restrict park access to residents to the south and the placement of employment sites seems to surround the housing on the west side.
Advantages of this approach

😊 Flexible and quick input into the masterplan design process

😊 Systematic and structured use of a health ‘lens’ to scrutinise a masterplan

😊 Provide support for the masterplan from health agencies

😊 Some aspects are likely to be covered by experienced planning officers and masterplan designers

😊 Detailed assessment can be time consuming

😊 May be confused with doing a health impact assessment
www.healthycity-stoke.co.uk

On the HIA Page !!