

**Minutes of the Hospital Liaison Group Meeting**  
Held on Monday 21<sup>st</sup> November 2011 (7pm to 9pm) in the Audrey Emerton Building,  
Royal Sussex County Hospital, Brighton

**Present:**

Mrs Jackie Nowell (Vice-Chair), Cllr Craig Turton (Chair), 23 members of the public.

*Brighton & Sussex University Hospitals:*

Richard Beard, 3Ts Head of Engagement & Communications

Steve Gallagher, Operational Director, Estates & Facilities

Nick Groves, AD, 3Ts Service Modernisation

Duane Passman, Director of 3Ts, Estates & Facilities

*Trust Planning Advisors:*

Andy Watson, BDP Architects

*Laing O'Rourke Supply Chain:*

Neil Cadenhead, BDP

Steve Chudley, LO'R

David Hiddleston, LO'R

**Apologies:**

Karen Hicks (LO'R), Cllr Gill Mitchell, Cllr Warren Morgan

**1. Welcome & Introductions**

Cllr Turton welcomed everyone to the meeting.

**2. Minutes of Last Meeting**

The minutes of the last meeting (26<sup>th</sup> September) were agreed with one amendment. Item 5.3 (Conduct of Meetings) now reads:

*'A resident felt that earlier in the meeting another resident had received a somewhat sharp reply to what he felt was a legitimate question. Nick apologised on behalf of the Trust team if this was how any response had been perceived; it was certainly not the intention.'*

**3. Matters Arising**

**3.1 Planning Application: Update**

Duane reported that the planning application<sup>1</sup> had been submitted on 23<sup>rd</sup> September and validated on 17<sup>th</sup> October. The City Council has written to statutory consultees and c. 5,000 local residents seeking their views. The Trust is currently responding to issues of clarification from Council Officers. *[Post-meeting note: BHCC has arranged a Planning Committee meeting on 27<sup>th</sup> January for the determination].*

Cllr Turton added that when he looked at the register of comments the previous week, the Council had received 33 objections, 5 general comments and 31 letters of support. He also noted the open letter from nine senior Trust clinicians supporting the

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<sup>1</sup> [http://www.brighton-hove.gov.uk/index.cfm?request=c1199915&action=showDetail&APPLICATION\\_NUMBER=BH2011%2F02886](http://www.brighton-hove.gov.uk/index.cfm?request=c1199915&action=showDetail&APPLICATION_NUMBER=BH2011%2F02886)

application, including the Chief Nurse and Dean of the Brighton & Sussex Medical School, which appeared in *The Argus*<sup>2</sup>.

### 3.1.1 Timescale for Determination

A resident asked whether a 16 week determination period is a concern. Duane replied that it is, given the urgent need to progress to Department of Health (DH) and Treasury approval and begin work on the final phase of detailed design. However it is not entirely surprising given the size of the application, the close scrutiny that the City Council will be giving it and the inclusion of an Environmental Impact Assessment.

### 3.1.2 Financial Approval

A resident asked about the timetable for financial approval of the redevelopment.

Duane replied that the DH and Treasury have earmarked the expenditure and are currently reviewing the business case; this is one of only three hospital redevelopment schemes listed on the DH website as being publicly funded. However government will not make a firm commitment until the scheme has planning consent from the City Council. There is then a final approval stage once the detailed design of each of the rooms is complete, which provides the final costing. This is expected in November 2012.

### 3.1.3 Brighton General Hospital

A resident asked about the impact of the redevelopment on Brighton General Hospital (BGH).

Duane replied that redevelopment involves moving Outpatient physiotherapy and (temporarily) Outpatient rheumatology to BGH, and moving some administration offices from BGH to the St Mary's Hall Senior School site, which the Trust now owns. Otherwise no impact is expected; the BGH site is owned and managed by Sussex Community NHS Trust.

### 3.2 Consolidation Centre

Steve Chudley confirmed that all the sites currently under consideration are outside the city, including the Cement Works at Shoreham.

A resident asked whether the construction routes have been agreed. Steve replied that the options have been discussed with Council Officers, presented to previous HLG meetings and are included in the planning application<sup>3</sup>. However the final route will not be determined until the location of the Consolidation Centre has been agreed.

Duane added that noted at previous meetings, Sheepcote Valley is no longer under consideration for the Consolidation Centre and Wilson Avenue would not therefore be required as an access route.

CLlr Turton asked whether the preferred location is likely to have been identified by February. Steve hoped that this would be possible.

### 3.3 Construction Traffic Management

A number of residents noted that busses tend to 'bunch up' in traffic and asked whether this would also be a problem for construction traffic, particularly if the Consolidation Centre is more remote.

Nick replied that there is a reason for this: as passenger queues build up at bus stops, the first bus takes longer to load than the second, which creates a 'platooning' effect<sup>4</sup>.

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<sup>2</sup> <http://www.bsuh.nhs.uk/easysiteweb/getresource.axd?assetid=373876&type=0&servicetype=1>

<sup>3</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1943910.pdf?extension=.pdf&id=1943910&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1943910.pdf?extension=.pdf&id=1943910&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>4</sup> <http://www.newscientist.com/article/dn18074-why-three-buses-come-at-once-and-how-to-avoid-it.html>

This wouldn't be the case with construction traffic, which will not be stopping to pick up passengers.

Steve Chudley noted that LO'R's One Hyde Park development in London was served by a Consolidation Centre in Wembley (13 miles away through central London traffic) and that the Juggler system had continued to work well. Duane added that the Consolidation Centre for the Olympic Park in Stratford is near the M11, so remote locations are the norm.

A resident added that the Amex development also appeared to have managed this process effectively.

#### 4. Design Update & Additional Views

Neil Cadenhead gave a presentation<sup>5</sup> showing some key 'before and after' views of the RSCH site. As requested, this included new views to/from Courtney King House and the middle of Upper Abbey Road; the view across Eastern Road to the main entrance of the Stage 1 building will follow. *[Post-meeting note: this view has now been added to the presentation].*

A number of residents felt that the views from Courtney King House and Upper Abbey Road towards the Stage 2 building were a considerable improvement on the current views of the site.

##### 4.1 Colour Palette

A resident asked how the colours were chosen and whether there was a rationale behind this.

Neil replied that the original palette had included brighter colours to match the Children's Hospital. However from a distance (in particular from Palace Pier and Roedean) these appeared out of harmony with the local colour scheme, and key stakeholders, including the BHCC Design & Conservation Officer, encouraged the use of more muted tones. Neil added that although most designs start with a theoretical approach to choice of colours, these have to adapt to what feels right in practice.

CIlr Turton thanked Neil for the presentation.

#### 5. LO'R Case Studies from London

Duane noted that LO'R had previously<sup>6</sup> presented its One Hyde Park development as a case study for working successfully on a constrained inner-city site using a Consolidation Centre. Although every site is different, he felt that two further case studies would be helpful in showing that large developments can be undertaken successfully in close partnership with neighbours. He was therefore pleased to introduce David Hiddleston, who was previously LO'R's Liaison Manager for the redevelopment of Cannon Street Station in London and is currently working on its Leadenhall development.

Key points from David's presentation<sup>7</sup>:-

- Cannon Street Station is used by c. 30,000 commuters every weekday. The five-year rebuild programme involved keeping the station 'live' 24/7, with particular attention to noise, dust and vibration. Much of David's time was spent meeting commuters, neighbours and members of the public to ask about their experience of the redevelopment.

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<sup>5</sup> <http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=375654&type=full&servicetype=Attachment>

<sup>6</sup> <http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=322034&type=full&servicetype=Attachment>  
(Slides 17-26)

<sup>7</sup> <http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=375651&type=full&servicetype=Attachment>

- Neighbours include the NY Stock Exchange, City Livery Companies, Coutts, RBS and Lloyds banks. Particular attention was paid to worker behaviour, eg. ensuring that workers did not stand around smoking, and providing a subsidised canteen so workers use that rather than sit eating sandwiches in public view.
- The City of London required that noise work be undertaken only from 8-10, 12-2 and 4-6 weekdays and on Saturday mornings. Acoustic blankets were erected in some areas. Six external noise monitors were linked to David's phone, so he received an automated text message if noise exceeded 72dB (75dB was the agreed limit) for more than 15 mins.
- Weddings and royal visits sometimes impacted on the delivery schedule, although because the city is relatively quiet at weekends it was sometimes possible, with the City's consent, to make up the lost time then.
- The Leadenhall Building ('Cheese Grater') has Lloyds, Deutsche Bank, HISCOX, the Gherkin building and the 12<sup>th</sup> Century St Andrew church as immediate neighbours, and a single point of access for construction vehicles during the first phase of development.
- Measures included dust monitors around the site, damping down, and weekly reports to the City of London. Data were made available on the monitoring company's website so they could be viewed by members of the public.

David was proud that LO'R had been awarded the City of London considerate contractor 'Chairman's Cup' 2010 for the Cannon Place development<sup>8</sup>. He felt that they key lessons from these developments were:

- meet neighbours early
- be honest - in spite of best efforts, there will be some noise and disruption
- provide monthly newsletters, site visits for interested neighbours, daily reports where appropriate
- respond proactively to concerns - meet neighbours face-to-face where possible
- the 'Juggler' system<sup>9</sup> for coordinating delivery schedules is invaluable.

David also offered to tour local residents around the London site if they would be interested [*please contact the Hospital Redevelopment office for details*].

CLlr Turton thanked David for his presentation and for his kind offer of a tour. He noted that local residents' experience of the Children's Hospital development had not been particularly positive, eg. lack of a single named person in charge, no working helpline, lack of attention to dust damping and wheel-washing, poor scheduling of deliveries. By contrast, he felt that these issues had been addressed comprehensively in LO'R's approach to the London development sites, which gave him some confidence for the way in which the redevelopment of the RSCH would be managed.

## 6. Considerate Constructors Paper

Duane noted that a number of 'considerate constructor' issues raised in the Upper Abbey Road residents' helpful paper<sup>10</sup> are addressed in the draft CEMP, as outlined to the June 2011 HLG meeting<sup>11</sup> and submitted as part of the planning application<sup>12</sup>.

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[http://www.cityoflondon.gov.uk/Corporation/LGNL\\_Services/Business/Business\\_support\\_and\\_advice/considerate\\_constructor\\_scheme.htm](http://www.cityoflondon.gov.uk/Corporation/LGNL_Services/Business/Business_support_and_advice/considerate_constructor_scheme.htm)

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<http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=322034&type=full&servicetype=Attachment> (Slides 7-9)

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<http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=307208&type=full&servicetype=Attachment>

11

<http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=360307&type=full&servicetype=Attachment> (Slides 4-8)

These plans include screw-augured rather than pneumatic piling, the Juggler system to manage deliveries, dust damping and neighbourhood liaison. Duane expected that a number of these would form part of the approved CEMP.

Duane confirmed that it is still his intention formally to respond to the UAR document, but this would sensibly follow once the construction method statement had been agreed with the City Planners.

A resident suggested the Trust provide a simple statement of what local residents could expect during construction. Duane confirmed that this is what he had envisaged for the document.

**Action: Duane**

## 7. Building Information Modelling: Stage 1 Construction

Steve Chudley explained how computer modelling allows constructors to translate 2D architectural plans into 3D construction models and 'build' in a virtual environment before getting on site. He presented a short animation showing the sequence for the Stage 1 building<sup>13</sup>.

Steve noted that this approach reduces both rework and the amount of materials brought on site unnecessarily, which again contributes to 'considerate construction'.

Cllr Turton thanked Steve for this presentation.

## 8. General Q&A

### 8.1 Pollution

A resident said that although she had previously raised this at the August meeting<sup>14</sup>, she remained concerned about pollution levels along Eastern Road and the impact of construction traffic.

Cllr Turton shared the resident's concern about pollution in the city. He referred to the City's 2011 Air Quality Action Plan<sup>15</sup>, which identifies that London Road and Lewes Road require the most significant (46-48%) improvements to meet NO<sub>2</sub> standards, but a 10-23% improvement is still required at points along Eastern Road.

Cllr Turton said that he has suggested, for example, re-routing busses along Marine Parade/A259. The previous draft of the City's Core Strategy also included a feasibility study to re-route traffic around Kemptown<sup>16</sup>; Nick has recently contacted the Council to ask whether this is included in the new draft City Plan<sup>17</sup>.

Duane replied that the redevelopment plans include a number of measures to mitigate the impact of the construction and redevelopment on air quality. These are set out in detail in the CEMP, Sustainability Statement<sup>18</sup> and the Air Quality chapter of the

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<sup>12</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942407.pdf?extension=.pdf&id=1942407&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942407.pdf?extension=.pdf&id=1942407&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>13</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942417.pdf?extension=.pdf&id=1942417&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942417.pdf?extension=.pdf&id=1942417&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>14</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942428.pdf?extension=.pdf&id=1942428&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942428.pdf?extension=.pdf&id=1942428&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>15</sup> <http://www.bsuh.nhs.uk/about-us/hospital-redevelopment/redevelopment-film/>  
Minutes of 22<sup>nd</sup> August 2011, item 7.7

<sup>16</sup> [http://www.brighton-hove.gov.uk/downloads/bhcc/airquality/BHCC\\_AQAP\\_2011\\_%5bpdf\\_1.9\\_mb%5d.pdf](http://www.brighton-hove.gov.uk/downloads/bhcc/airquality/BHCC_AQAP_2011_%5bpdf_1.9_mb%5d.pdf)

<sup>17</sup> 'to consider the re-routing and reduction of through-traffic (with the exception of residents' vehicles, public transport including taxis, ambulances other hospital transport and vehicles directly accessing the hospital) along Eastern road in the immediate vicinity of the hospital with the aim of reducing congestion, improving air quality and ensuring adequate emergency access to the hospital.'

<sup>18</sup> <http://www.brighton-hove.gov.uk/index.cfm?request=c1148443>

<sup>18</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1941177.pdf?extension=.pdf&id=1941177&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1941177.pdf?extension=.pdf&id=1941177&location=VOLUME3&contentType=application/pdf&pageCount=1)

Environmental Statement<sup>19</sup>, which have been submitted as part of the planning application. For construction, they include the use of a Consolidation Centre, adoption of Design for Manufacture & Assembly principles, use of the 'juggler' delivery scheduling system and ongoing pollution monitoring. For the ongoing running of the hospital, they include the Combined Cooling, Heat & Power (CCHP) development and Travel Plan/modal shift. However the overall air quality strategy sits with the City Council.

## 8.2 Traffic Impact

A resident asked how detailed the traffic modelling/scenario planning had been for the streets between Eastern Road and Marine Parade, which are already congested.

Duane replied that the Traffic Assessment has modelled the impact of the increased traffic at nine key junctions<sup>20</sup> along/around Eastern Road and on the local network as a whole. Because of the range of factors involved, it had not been possible to model to the level of detail of each individual street in the neighbourhood.

The Environmental Statement Non-Technical Summary<sup>21</sup> concludes:

*'During the busiest construction and traffic years of 2014 and 2018 there will be a significant impact on the surrounding network due to the increase in HGVs entering and leaving the Site and alterations to pedestrian and cyclist environment outside the hospital. However, delays to the surrounding highway network will be minimised through the implementation of junction improvements at Eastern Road / Bristol Gate and Eastern Road Arundel Road. These junction improvements will increase capacity for the construction traffic and general traffic and will also provide improved pedestrian crossing facilities.*

*Once the Proposed Development is complete there will be a varied impact on the surrounding highway network. Levels of severance and pedestrian delay will increase due to the estimated increase in traffic but pedestrian, cyclist and general patient amenity will be greatly improved as a result of the comprehensive transportation strategy that the Trust will implement as part of the Development. A moderate positive effect on pedestrian and cyclist amenity is anticipated.'*

## 8.3 Use of Bus Lanes

A resident asked whether the City Council would allow construction vehicles to use bus lanes in order to minimise impact on general traffic. Duane thought this would be very unlikely.

## 8.4 Noise Pollution

A resident asked what steps would be taken to minimise noise pollution.

Duane replied that this had been discussed at a number of previous meetings as part of the Environmental Impact Assessment<sup>22</sup> and is also summarised in the Non-Technical Summary<sup>23</sup> (1.47 ff) submitted as part of the planning application. Initiatives include screw-augured rather than pneumatic piling and quieter 'crushing' demolition techniques rather than the old-fashioned wrecking balls.

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<sup>19</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942977.pdf?extension=.pdf&id=1942977&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942977.pdf?extension=.pdf&id=1942977&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>20</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1943784.pdf?extension=.pdf&id=1943784&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1943784.pdf?extension=.pdf&id=1943784&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>21</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942146.pdf?extension=.pdf&id=1942146&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942146.pdf?extension=.pdf&id=1942146&location=VOLUME3&contentType=application/pdf&pageCount=1)

<sup>22</sup> <http://www.bsuh.nhs.uk/EasysiteWeb/getresource.axd?AssetID=365431&type=full&servicetype=Attachment>  
(Slides 16 onwards)

<sup>23</sup> [http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document\(s\)-1942146.pdf?extension=.pdf&id=1942146&location=VOLUME3&contentType=application/pdf&pageCount=1](http://wam.brighton-hove.gov.uk/PlanningWAM/doc/Supporting%20Document(s)-1942146.pdf?extension=.pdf&id=1942146&location=VOLUME3&contentType=application/pdf&pageCount=1)

Cllr Turton added that Council Officers had asked for further information on mitigation strategies for noise and vibration. There will also be ongoing monitoring.

#### 8.5 Index

Cllr Turton noted that this was the 18<sup>th</sup> meeting of the HLG and that there are now over 70 documents (including previous minutes and presentations) posted on the website. He welcomed the fact that so much information has been made available to residents and members of the public but recognised that it is quite difficult for residents, and in particular those who are new to the group, to find the latest information.

It was therefore agreed that Nick would arrange for an 'index' to be posted on the first page of the website. *[Post-meeting note: this will include all the minutes in a single file, with hyperlinks to the relevant documents and presentations, so residents can search topics of interest. It will also include instructions on searching. Nick will email residents when this is available].*

#### 9. Next Meetings

The Planning Committee's decision is expected in late January/early February 2012. HLG members therefore agreed to cancel the December and January meetings and to meet next towards the end of February - date to be confirmed.

Meetings are held from 7pm (refreshments from 6.45pm) to 9pm in the Audrey Emerton Building.