

## Development Stage 2 – Design and Planning HAI – SCRIBE SIGN OFF



**Golden Jubilee  
Foundation**

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<b>HAI Scribe date</b>	<b>22/08/19</b>	
<b>Description of works</b>	<b>Phase 2 Hospital Expansion- SARU &amp; Endoscopy (Level2)</b>	
<b>HAI-SCRIBE review team</b>	<p><b>‘Healthcare Associated Infection System for Controlling Risk in the Built Environment’ (HAI-SCRIBE, Version 2), ‘HAI-SCRIBE Implementation Strategy’ and ‘Scottish Health Facilities Note 30: Version 3’.</b></p> <p><b>Declaration:</b> We hereby certify that we have cooperated in the application of and where applicable to the aforesaid documentation.</p>	
<b>Name</b>	<b>Designation / Company</b>	<b>Contact details</b>
Development and review of 1:50 plans have not had oversight of an ICD.		
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## DEVELOPMENT STAGE 2 : HAI-SCRIBE applied to the design and planning stage of the development

Issues to be considered at the design and planning stage of the development will include an overall assessment of the project and any infection spread risk from the design and layout of the facility. An assessment of infection risk from detailed engineering and building features should also be undertaken.

Issues to be considered include (but are not limited to) the following:

- The design and layout of the healthcare facility should not encourage the spread of infection
- The design and layout of the healthcare facility should take account of the healthcare procedures and services to be provided and the appropriate management of risk required for the range of population groups (reference Development stage 4 verification of work carried out)
- Finishes and floors, walls, ceilings, doors, windows, fixtures and fittings
- Space around beds
- Isolation rooms
- Provision of hand-wash basins, liquid soap dispensers, paper towel and alcohol hand rub dispensers.
- Provision of sinks for decontamination purposes
- Engineering services
- Storage facilities
- Laundry and linen services

It should be noted that this document can be used for clinical and non-clinical areas and some of the questions in the checklist may not apply e.g. building external plant rooms, car parking facilities. In these cases, other issues may require to be addressed and the project team should consider these. All additional information should be added to the appropriate section of this document.

**Design and Planning: Checklist to ensure all aspects have been addressed**

2.a	Brief description of the proposed development project and the planned development site.	Phase 2 Hospital Expansion- SARU& Endoscopy Level 2	
2.b	Identify any potential hazards associated with the design and/or proposed site.		
2.c	Identify any risks associated with the hazards above.	<ol style="list-style-type: none"> <li>1. Site has been identified as a medium risk UXO location due to WW2 bombing.</li> <li>2. Site adjacency to existing live hospital services</li> </ol>	
2.d	<p>Outline the control measures that require to be implemented to eliminate or mitigate the identified risks. Ensure these are entered on the project risk register.</p> <p><b>Control Measures</b></p> <ol style="list-style-type: none"> <li>1. Desktop UXO study completed. Ground penetrating radar survey undertaken. UXO monitoring undertaken during all intrusive excavation works.</li> <li>2. Detailed site logistics planning to take place and staging of breakthrough.</li> </ol>		
2.e	<p><b>Unintended consequences</b> It has been recognised that control measures identified to address the project risk may have unintended consequences e.g. closure of windows can lead to increased temperatures in some areas. Such issues should be considered at this point, they should be noted and action to address these taken.</p> <p><b>Potential Problems</b> Nil noted</p> <p><b>Control Measures</b> N/A</p>		
2.f	<p><b>Actions to be addressed</b></p> <ol style="list-style-type: none"> <li>1) CHWB placement in SARU corridors to be finalised</li> </ol>	<p><b>By whom</b></p> <p>IBI/Andrew McTavish</p>	<p><b>By When</b></p> <p>10/09/19</p>

DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development General Overview		Mark 'X' in the appropriate box			
1	<p>In order to minimise the risk of HAI contamination is there separation of dirty areas from clean area?</p> <p>Have these issues and actions to be taken been noted above?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments: 3 sets of lifts/stairs with designated lobbies, directly access theatre environment from floors below.</p> <ul style="list-style-type: none"> <li>• <b>Public Lifts 1 &amp; 2 and Stair 1</b> - passenger lifts to transport SARU, Endoscopy patients and staff from front entrance from Level 1 to Level 2. Security access/Fire escape only on Level 3.</li> <li>• <b>Surgical Lifts 3-6</b> – sized transport SARU patients on foot or trolley &amp; accompanied by staff to and from theatre. This lift is only functional between Level 2 and 3 and opens directly into the immediate ortho theatres environment. Pressure cascade from theatre to corridor exists. Theatre corridors and SARU pressures are equal. Security access only on level 1</li> <li>• <b>FM Lifts 7 &amp; 8 and Stair 2</b> – sized to transport staff, waste, instruments and linen from levels 1-3. Security access on all levels.</li> </ul> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>			
2	<p><b>Kitchen</b> Are the food preparation areas (including ward kitchens) and distribution systems fit for purpose and complying with current food safety and hygiene standards?</p> <p>Have these issues and actions to be taken been noted above?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments: <b>SARU and Endoscopy</b> A shared Smart Hub is provided for comfort breaks.</p> <p>No patient food prep will be undertaken, patients will receive tea/coffee/sandwiches post procedure. Within SARU, this will be provided via the Pantry Within Endoscopy, this will be provided by the Beveridge bay</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>			

3	<p><b>Waste</b></p> <p>Are designed waste management facilities and systems robust and fit for purpose? Consider:</p> <ul style="list-style-type: none"> <li>▪ Local and central storage</li> <li>▪ Systems for handling and compaction of waste</li> </ul> <p>Systems for separation and security of waste (especially healthcare and clinical waste)</p> <p>Have these issues and actions to be taken been noted above?</p>	<p style="text-align: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p> <p><b>SARU and Endoscopy</b></p> <p>A shared disposal hold will serve both units; this is designed to fit 3x 770 litre Eurobins each and 1 x Used linen cage. As a result of this size, regular waste/used linen uplifts will be required through the day.</p> <p>Rooms specific waste bins are defined on 1:50 plan and equipment lists.</p> <p>Dirty utility rooms are within both areas.</p> <p style="text-align: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>
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<p><b>DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development</b></p> <p><b>General Overview</b></p>		<p><b>Mark 'X' in the appropriate box</b></p>		
4	<p><b>Laundry</b></p> <p>Are there satisfactory arrangements for effective management of laundry? Consider:</p> <ul style="list-style-type: none"> <li>▪ Local and central storage</li> <li>▪ Systems for movement of laundry to central storage</li> <li>▪ Systems for handling laundry</li> <li>▪ Systems for separation and security of laundry, especially infected laundry</li> </ul> <p>Have these issues and actions to be taken been noted above?</p>	<p style="text-align: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p> <p><b>SARU &amp; Endoscopy</b></p> <ul style="list-style-type: none"> <li>• Clean Linen</li> </ul> <p>A shared linen store is provided; this are capable of holding 5 cages of linen. Linen will be decanted from this area to smaller sleep knit trolleys. There is a dedicated space for this in Endoscopy, but not within SARU (this has been requested and updated plans awaited).</p> <ul style="list-style-type: none"> <li>• Linen requirements</li> </ul> <p>Each patient in a POD will require 1 trolley sheet, 1 top sheet, 1 pillow case, 2 gowns. A supply of blankets will be provided in the linen store for instances where required. A supply of towels will be required for patients requiring a shower.</p> <ul style="list-style-type: none"> <li>• Used linen</li> </ul> <p>Used linen will be stored temporarily in the dirty utilities before transfer to the used linen cage in the disposal hold.</p> <p style="text-align: right;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>		

5	<p><b>Housekeeping</b> Are there sufficient facilities and space for the cleaning and storage of equipment used by hotel services staff and estates staff?</p> <p>Have these issues and actions to be taken been noted above?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments: 10m2 DSR to serve SARU/Endoscopy POD areas 8.7 m2 DSR to serve Endoscopy procedure rooms Both contain janitorial sinks and enclosed storage</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>
6	<p><b>Staff Changing</b> Are staff changing and showering facilities suitably sited and readily accessible for use, particularly in the event of contamination incidents?</p> <p>Have these issues and actions to be taken been noted above?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments: Staff changing &amp; showers will be shared with SARU and Endoscopy staff</p> <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/></p> <p>Comments:</p>

SUG APPROVED 09/09/19

DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development General Overview		Mark 'X' in the appropriate box		
7	Does each ward allow sufficient single room accommodation and space between beds to comply with the current guidance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
<p>Comments:</p> <p>There are no standard single bedrooms (minimum bedspace 3.6m wide x 3.7m deep)</p> <p>Alternatively, throughout this area the concept of patient pods has been utilised. Patient PODs have been designed to provide <b>accommodation for admission and second stage recovery</b>. They provide a patient space that is both private, relaxing and allows clinical staff to observe and be accessible to the patient.</p> <p>There is no specific design guidance for patients pods. Current guidance provides a range of space requirements for patients with low clinical needs post procedure e.g. HBN00-03 indicating a sizing of 9m<sup>2</sup> or HBN 10-02 indicating a sizing of 6m<sup>2</sup>. In practice, this model of care is currently being used in Chase Farm utilising a 6m<sup>2</sup> footprint.</p> <p>Modelling of patient trolley for endoscopy in 1:50 design stage indicated a size closer to 6.9m<sup>2</sup> provided a more workable space around the patient trolley.</p> <p>Larger PODs have been provided in both areas to facilitate caring for patients with greater needs e.g. confused patients, disabled patients or prisoners.</p> <p><b>Endoscopy-</b> 10 PODs with (clinical hand wash basin) CHWB sized at 6.9m<sup>2</sup> &amp; 1.9 m<sup>2</sup> WC 2 Large PODs with CHWB sized at 9.2m<sup>2</sup> &amp; 3.8m<sup>2</sup> WC</p> <p>WCs and CHWBs were added to the Endoscopy PODs due to the nature of the patient investigation and prep required.</p> <p><b>SARU-</b> 35 PODs routine ranging in size from 8.8 to 9.5 m<sup>2</sup> 2 Large PODs ranging in size from 10 to 11m<sup>2</sup> with CHWB</p> <p>Due to the low clinical needs of the patients in SARU &amp; risks associated with over provision of CHWBs, alcohol based hand rub is provided in all PODs &amp; CHWBs will be provided in the corridor adjacent to the rooms in a 1:4 POD ratio.</p> <p>Have these issues and actions to be taken been noted</p>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

	above?	Comments: Some of the CHWBs sinks in SARU have been drawn, however the full complement of CHWBs is awaited at the time of the HAI SCRIBE.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
8	Are there sufficient single rooms to accommodate patients' known/potential risk of infection? Is there satisfactory provision of isolation facilities for infectious and potentially infectious patients?  Have these issues and actions to be taken been noted above?	Comments: <b>SARU</b> Patients with known alert organisms would not meet the criteria for admission to SARU. However, in the rare event this information was not known until admission two large PODs are provided facilitate isolation. <b>Endoscopy</b> Patients with a known alert organism will be admitted to Endoscopy and will be isolated two large PODs also provided in Endoscopy.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
9	Are all planned surfaces, fixtures and fittings designed to be easily cleaned and maintained in a clean condition? Included (but not limited to): <ul style="list-style-type: none"> <li>▪ Floors</li> <li>▪ Walls</li> <li>▪ Ceilings</li> <li>▪ Doors</li> <li>▪ Windows</li> <li>▪ Fixtures and fittings and soft furnishings</li> <li>▪ Curtain Rails and curtains</li> <li>▪ Lighting</li> <li>▪ Toilets, baths, showers etc.</li> <li>▪ Concealed service ducting</li> <li>▪ Anything else of note</li> </ul> Have these issues and actions to be taken been noted above?	Comments: All fixtures and fittings have been requested to be compliant with SHFN 30 Part A.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>



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10	Are soft furnishings covered with impervious material and are curtains able to withstand washing at disinfection temperatures?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Comments: Any soft furnishings detailed in equipment lists must be impervious and wipeable.							
11	Is the toilet, bath and shower accommodation conveniently sited in relation to the ward and, where possible, is this accommodation en-suite?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Have these issues and actions to be taken been noted above?		Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Comments:							
12	Are bathrooms/toilet facilities easy to clean?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
Comments: All sanitary fittings requested to be compliant with SHFN 30/SHTM 64.							
13	Where required are there sufficient en suite single rooms with negative/positive pressure ventilation to minimise the risk of infection?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Comments:							
14	<b>Hand Hygiene</b> Does each single room have clinical hand-wash basin, liquid soap dispenser, paper towels, and alcohol rub dispenser in addition to the hand-wash basin in the en-suite facility?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Comments:							
15	Do intensive care and high dependency units have sufficient clinical hand-wash basins, liquid soap dispensers, paper towels, and alcohol rub dispensers conveniently accessible to ensure the practice of good hand hygiene? An assessment should be made, however, to ensure that there is not an over-provision of hand-wash basins resulting in under-use.	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Comments:							

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16	Is there provision of clinical hand-wash basins, liquid soap dispensers, paper towels, and alcohol rub dispensers in lower dependency settings like mental health units, acute, elderly and long term care settings appropriate to the situation with a ratio of one basin/dispenser to four to six beds?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Detailed within 1:50 plans where CHWB are present. Due to the low clinical needs of the patients in SARU, alcohol based hand rub is provided in all PODs & CHWBs will be provided in the corridor adjacent to the rooms in a 1:4 POD ratio. Currently 4 CHWB have been scheduled on one side of SARU (18 PODS), await further update to agree placement of CHWB on remaining side.					
17	Do out-patient areas and primary care settings have a clinical hand-wash basin close to where clinical procedures are carried out?	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
		Comments:					
18	Do all toilets have a hand-wash basin, liquid soap dispenser and paper towels?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Yes, detailed within 1:50					
19	Are all clinical hand-wash basins exclusively for hand hygiene purposes?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: CHWB basins should be labelled as "Exclusively for hand hygiene only"					
20	Does each clinical hand-wash basin have wall mounted liquid soap dispenser, paper towel dispenser?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Yes, detailed within 1:50					
21	Does each clinical hand-wash basin satisfy the requirement not to be fitted with a plug?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: All sanitary fittings requested to be compliant with SHFN 30/SHTM 64.					
22	Are elbow-operated or other non-touch mixer taps provided in clinical areas?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Elbow operated					

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23	Does each hand-wash basin have a waterproof splash back surface?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Detailed within 1:50, all sanitary fittings requested to be compliant with SHFN 30.					
24	Is each hand-wash basin provided with an appropriate waste bin for used hand towels?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Detailed within 1:50 equipment list.					
25	<b>Decontamination Facilities</b> Are separate, appropriately sized sinks provided locally, where required, for decontamination? (The sinks should be large enough to immerse the largest piece of equipment and there should be twin sinks, one for washing and one for rinsing. A clinical hand-wash basin should be provided close to the twin sinks).	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments:					
26	Are appropriate decontamination facilities provided centrally for sterilisation of specialist equipment?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments:					
27	Is there adequate provision in terms of transport, storage, etc. to ensure separation of clean and used equipment and to prevent any risk of contamination of cleaned equipment?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments:					
28	Does the system in operation comply with the current guidance on decontamination facilities and procedures?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments:					

DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development General Overview		Mark 'X' in the appropriate box				
29	<b>Storage</b> Is there suitable and sufficient storage accommodation provided in each area of the healthcare facility? Consider: <ul style="list-style-type: none"> <li>▪ Patient care equipment</li> <li>▪ Mobile equipment which is not in constant use</li> <li>▪ Cleaning equipment</li> <li>▪ Domestic Services Room</li> <li>▪ Sterile and non-sterile items</li> <li>▪ Medications and solutions</li> <li>▪ Linen and waste</li> <li>▪ Stationery and patient records</li> <li>▪ Patient clothes</li> </ul>	Yes	x	No		N/A
		Comments				
			<b>SARU</b>	<b>Endoscopy</b>		
		Patient care equipment	Dedicated equipment store	Dedicated equipment store		
		Mobile equipment which is not in constant use	Dedicated mobile equipment store	Portable scope trolley to be stores on Dispatch		
		Cleaning equipment	Clean items at point of use Minimal need for decontamination sink, but provided in dedicated dirty utility room	Clean items at point of use Minimal need for decontamination sink, but provided in dedicated dirty utility room		
		Domestic Services Room	See section 5			
		Sterile and non- sterile items	Dedicated Clean utility room Shared consumable store	Dedicated Clean utility room Shared consumable store		
		Medications and solutions	Dedicated Pharmacy Room	Dedicated Pharmacy Room		
		Linen and waste	Shared			
		Stationery and patient records	EPR planned and use of COW's, unit will be paper light. Small storage in touchdown space. Clinical base provided for Nurse Practitioners/medical staff.			
		Patient clothes	Belongings store	Stays with patient, small locker in each pod for valuable items		
30	Is there separate suitable storage for contaminated material and clean material to prevent the risk of contamination?	Yes	x	No		N/A
		Comments: SARU-Clean utility (11.6m2) Dirty utility (10.3) Endoscopy- Clean utility (9.1m2) Dirty utility (9.6). No hopper will be provided in both as no patients will require bed baths. Shared consumable store Shared Disposal room Shared Linen room				

DEVELOPMENT STAGE 2: HAI -SCRIBE applied to the design and planning stage of the development Engineering		Mark 'X' in the appropriate box					
31	Are heat emitters, including low surface temperature radiators designed, installed and maintained in a manner that prevents build-up of dust and contaminants and are they easy to clean?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Heating design will be in compliance with all relevant SHTM guidance. Use of radiators will be limited to stairwells and radiant panels will generally be utilised.					
32	Is the ventilation system designed in accordance with SHTM 03-01?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Ventilation design will be in compliance with all relevant SHTM guidance.					
33	Is the ventilation system designed so that it does not contribute to the spread of infection within the healthcare facility?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Ventilation design will be in compliance with all relevant SHTM guidance.					
34	Are the ventilation system components e.g. air handling, ductwork, grilles and diffusers designed for ease of cleaning?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Ventilation design will be in compliance with all relevant SHTM guidance. All relevant access facilities for maintenance will be provided including access ports to allow access for cleaning and fire dampers being accessible for testing.					
35	Are ventilation discharges located a suitable distance from intakes to prevent risk of contamination?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
		Comments: Ventilation design will be in compliance with all relevant SHTM guidance. Ductwork will be sited accordingly.					
36	Does the design and operation of re circulation air	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>

	systems take into account of dilution of contaminants and space to be served? (UCV)	Comments: Ventilation design will be in compliance with all relevant guidance provided in SHTM 03-01 in terms of air changes and filter requirement.							
37	Is the ventilation of theatres and isolation rooms in accordance with current guidance	Comments:	Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>	x

<b>DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development Engineering</b>		<b>Mark 'X' in the appropriate box</b>						
38	Do means of control of pathogens consider whether dilution or entrainment is more appropriate for particular situations?	Comments: Assessment will be in compliance with all relevant SHTM guidance and entrainment is utilised where directed.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
39	Where the ventilation systems are used for removal of pathogens does their design and operation take account of infection risk associated with maintenance of the system?	Comments: Ventilation design will be in compliance with all relevant SHTM guidance.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
40	Are specialised ventilation systems such as fume cupboards installed and maintained in accordance with manufacturer's instructions?	Comments: N/A	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>
41	<b>Lighting</b> Is the lighting designed so that lamps can be easily cleaned with minimal opportunity for dust to collect?	Comments: Luminaires have been specifically selected to suit the room type and functionality with IP ratings assigned to suit the environment.	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	N/A	<input type="checkbox"/>

42	<b>Water Services</b> Are water systems designed, installed and maintained in accordance with current guidance?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments: Water systems to be designed/installed in accordance with SHTM 04-01. A water safety plan is required to be developed by Kier and submitted to the GJNH Water Safety Group.
43	Are facilities available to enable special interventions for <i>Legionella</i> ?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments: Water systems to be designed/installed in accordance with SHTM 04-01. A water safety plan is required to be developed by Kier and submitted to the GJNH Water Safety Group.
44	Is the drainage system design, especially within the healthcare facility building, fit for purpose with access points for maintenance carefully sited to minimise HAI risk?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments: Water systems to be designed/installed in accordance with SHTM 04-01. A water safety plan is required to be developed by Kier and submitted to the GJNH Water Safety Group.
<b>DEVELOPMENT STAGE 2: HAI-SCRIBE applied to the design and planning stage of the development Engineering</b>		<b>Mark 'X' in the appropriate box</b>	
45	Are surface mounted services avoided and services concealed with sufficient access points appropriately sited to ease maintenance and cleaning? (These services would include water, drainage, heating, medical gas, wiring, alarm system, telecoms, equipment such as light fittings, bedhead services, heat emitters.)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments:
46	<b>Pest Control</b> Is the concealed service ducting designed, installed and maintained to minimise risk of pest infestation?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments:
47	<b>Maintenance Access</b> Does the design and build of the facility allow programmed maintenance of the fabric to ensure the integrity of the structure and particularly the prevention of water ingress and leaks and prevention of pigeon and other bird access?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Comments:

SUG APPROVED 09/09/19