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Outline Content: Assumptions, Options and Value Management Schedule



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- 08 - Cyril Sweett Assumptions (CS) ~~removed from report on rev F11~~

Purpose of document

- To record the differences of design from the OBC leading to cost changes
- To record the design assumptions made throughout the FBC phase and the date of those assumptions
- To control the baseline design scheme and "offline" studies and their introduction into the scheme
- To record the possible value management discussions and decisions.

01 - Trust

Outstanding
Imminent
Pending
Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
01	1	Shell Spaces	It was greed with Duane at 10/06/11 DPRG that Shell Spaces (which include but are not limited to Imaging, Nuclear Medicine, Radiotherapy, Neuro, Cafe & Retail locations etc) should: -be included in the 1:50 reviews to agree the location of key services to the space - continue public area of flooring and finishes to cafe and retail spaces, not concrete/walls floors -Private patients will be noted the exception to this		Trust (GS)	07/07/2011	LOR	22/07/11	13/07/11	LOR note the assumption - further to discussion between GS and KH (LOR) - LOR/BSUH agree on the same principle for shell and core areas - LOR to provide principles of what S&C includes.		To be kept open until S&C document received and reviewed by Trust	
01	2	Telecoms	IT has been assumed through the standard room design process that phones will not require power and therefore the standard power union of 2 x double power per desk will be sufficient.		Trust (GS)	27/07/2011	LOR (JM)	22/08/11		LOR (JM) confirms this assumption is correct.	Closed		
01	3												
01	4												
01	5												
01	6												
01	7												
01	8												
01	9												
01	10												

02 - Architectural

Outstanding
Imminent
Pending
Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action completed	Comments/action/resolution	Closed	Trust Response	Trust Resp By
02	1	Clinical	Stage 2 - Revised Trust HQ layout - 5 No. options	Option no. 3 is baseline	BDPA		Trust (GS)	25/10/10	26/10/10	Solution now revised due to planning changes.	Closed		
02	2	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 1 Rheumatology and main entrance, chapel, café and car park core moved	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	3	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 2 Nuclear medicine & Neuro OPD/Phys/Support moved	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	4	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 3 Non-Invasive Cardiology, Therapies & FM moved	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	5	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 4 Minor adjustment to Imaging south façade. Confirmation of who (staff/ patient/ public) and at what times will they have access to Level 4 roof garden ?	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	6	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 5 Minor adjustment to Theatres south façade. Request removal of bridge link	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	7	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 6 Minor adjustment to terrace & Multi-faith on south façade. Request removal of bridge link	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	8	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 7 Minor adjustment to south façade. Request removal of bridge link	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	9	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 8 No change	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	10	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 9 No change	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	11	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 10 Adjustment of façade setting out impact on Neuro/Stroke Therapies and Rehab roof garden	BDPA		LOR	30/10/10	24/11/10	Cleaning gantry system needs to be incorporated to external terrace.	Closed		
02	12	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 11 Adjustment of façade setting out impact on Meeting & Teaching and Doctors Mess	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	13	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 12 Adjustment of façade setting out impact on plant room	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	14	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 13 Additional external flat roof area available for plant	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	15	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 14 No change	BDPA		Trust (DP)	30/10/10	12/11/10	Confirmed.	Closed		
02	16	1.500	Revised 1:500's in line with planning consultation	Stage 1 - Level 15/16 Sole access to helipad via lift and stair acceptable	BDPA		Trust (DP)	30/10/10	12/11/10	Change confirmed.	Closed		
02	17	Enabling Works/ Decant	Temporary access to Stage 1 car park during construction	Demolition of existing 2 storey extension to Sussex Cancer Centre Oncology dept. to enable construction of car park ramp	BDPA		Trust	19/11/10	12/01/11	Now incorporated into the decant scheme	Closed		
02	18	Enabling Works/ Decant	MRI Decant	Main scheme is proceeding on the basis that the existing 2No MRI rooms, their control room and equipment room moved to facilitate construction of Stage 1	BDPA		Trust	19/11/10	12/01/11	Now incorporated into the decant scheme	Closed		
02	19	Enabling Works/ Decant	MRI decant location	Main scheme is proceeding on the basis that part of existing MRI department will remain. Temporary MRI Decant layout required to ensure MRI operation is not affected by construction of Stage 1	BDPA		Trust	19/11/10	12/01/11	Now incorporated into the decant scheme	Closed		
02	20	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 1 Minor adjustment of south façade impact on Oncology Entrance, Radiotherapy and Medical Physics. Staff change in Stage 1.	BDPA		Trust	30/10/10	12/11/10	Change confirmed.	Closed		
02	21	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 2 Plant room relocated inside building. EBME, Trust HQ and Private Patient relocated, accommodation in atrium used by Trust HQ. Area reduction of = 650- 800m2 subject to Plant room requirements	BDPA		Trust	30/10/10	12/11/10	Change confirmed.	Closed		
02	22	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 3 BSMS & CIRU relocated (with new window facades to north & west) and Oncology Support relocated, accommodation in atrium used by BSMS. Area increase of = 350m2 (previously void over plant room now floor area)	BDPA		Trust	30/10/10	12/11/10	Change confirmed.	Closed		
02	23	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 4 Minor adjustments to Oncology Day care and OPD due to change to south façade and atrium. Accommodation in atrium used as Oncology Day care waiting.	BDPA		Trust	30/10/10	12/11/10	Change confirmed.	Closed		
02	24	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 5 Adjustment of south façade minor impact to Oncology wards.	BDPA		Trust	30/10/10	12/11/10	Change confirmed.	Closed		
02	25	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 6 Roof. Extent of roof garden to be confirmed, currently over 3500m2	BDPA		Trust	30/10/10	12/11/10	Extent of roof garden confirmed by information issued to planners 8/11.	Closed		
02	26	1.500	Revised 1:500's in line with planning consultation	Stage 2 - Level 6 Roof. Confirmation of who (staff/ patient/ public) and at what times will they have access to the roof garden ?	BDPA		Trust	30/10/10	12/11/10	General principles of roof garden confirmed by information issued to planners 8/11 and discussions with the Trust	Closed		
02	27	Helipad	Latest helipad design is different in detail from Option B1	Recommend that latest helipad design is reviewed and CFD tested before planning meeting on 08/11/2010	BDPA		WSP	01/04/11	09/06/11	CFD complete - Helipad no longer on stage 1	Closed		

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02	28	Lift	The current internal lift strategy is an adaption of the OBC scheme which was based on Lerch Bates Vertical Transportation Report ref BDP-GEN-RP-0019 dated : 31 03 2009	The current lift provision will be verified by an updated lift traffic analysis: note following adoption of the sitewide Wayfinding Strategy which suggests routes to particular departments are via designated cores, the Lift Traffic Analysis should be updated accordingly.	BDPA		LOR	09/01/12		Lifts now as per current configuration - LOR/Trust to review if LTA to be undertaken - following adoption of WF Strategy.			
02	29	Lift	The number, size and location of FM lifts is as the OBC scheme which was based on Lerch Bates Vertical Transportation Report ref BDP-GEN-RP-0019 dated : 31 03 2009	The current FM lift provision will be verified by an updated traffic analysis & confirmation of Trust/FM provider requirements	BDPA		Trust	09/01/12		Lifts now as per current configuration - LOR/Trust to review if LTA to be undertaken.			
02	30	Lift	In the absence of specific guidance (statutory or User brief) the trauma lift dimensions are currently based on recommendations in Lerch Bates Vertical Transportation Report ref BDP-GEN-RP-0019 31.03.2009 - ie 2300mm wide by 3000mm deep. The internal shaft dimensions are 3400 wide x3565mm deep as shown on Schindler drawing GB1000658-01-01-103.	That the trauma lift car size will be verified and signed off by the Trust	BDPA	08/07/2011	TRUST	08/07/11	01/08/11	No guidance available for trauma lift. Large scale plan of lift to be drawn with all necessary equipment and personnel to confirm the car size with the Trust. Size confirmed as 2300 x 3000 - Email sent to Emily McWhirter (BSUH) 09/06/11 with new proposed lift size. Trust to confirm acceptable/respond.	Closed	This has been signed off via Asite.	27/07/2011
02	31	Lift	The trauma lift will be used as a critical care bed lift when not required for use with the helipad.	That the trauma lift management requirements will be verified and signed off by the Trust and that a 'lift override facility' is available that suits operational requirements. Note that currently the Trauma lift is proposed to stop only at every other floor level.	BDPA		Trust	29/11/10	01/08/11	Trust confirmation required as to whether stopping at every other floor is acceptable.	Closed	This has been signed off via Asite.	27/07/2011
02	32	Lift	At Level 05 (A&E Dept level) the lift lobby serving the trauma lift is 4050mm wide as per standard bed lift provision	That the trauma lift lobby dimensions at Level 05 will be acceptable for trauma patient and crash team manoeuvre and signed off by the Trust	BDPA		Trust	31/01/12		Awaiting results of survey and detailed turning circle for bed lift.		Trust await survey results outcome	
02	33	Lift	The transfer route from trauma lift to A&E department at Level 05 will be via a 2450 wide corridor (2150 mm clear width)	That horizontal trauma patient transfer with crash team is acceptable via a 2450 o/a corridor width.	BDPA		Trust	29/11/10	24/08/11	Geometry freeze as per planning meeting 17 Aug 2011 subject to agreement of cladding material to Stage 1 volume - corridor width set at 1:200. Trust to confirm assumption acceptable	Closed	Not relevant to the latest scheme design - S/S	
02	34	Helipad	Helipad transfer time to A&E	That 2 minute transfer time may not be achievable due to site constraints /travel distance	BDPA		Trust	29/11/10		Transfer times to be confirmed following design freeze. Awaiting information (CAD drawing of A&E layouts resus positions) Trust to provide			
02	35	Helipad	Access ramp @ 1:12 as per LOR requirements	That a Building Regulation Part M derogation will be obtained from Building Control/Approved Inspector and ramp fall will be signed off by the Trust	BDPA		LOR/HCD/Trust	29/11/10	04/02/11	Design has incorporated a 1:12 ramp since August 2010. Formal acceptance at JPR 4/2/11	Closed		
02	36	Helipad	Access ramp clear width = 2150mm with reference to HBN00-04 document requirements for bed/trolley movement and turning requirements	That the ramp width will be acceptable for trauma patient and crash team manoeuvre and signed off by the Trust and that access to the trauma lift will be from the bottom of the stair, across the upper roof passing beneath the Helideck.	BDPA		Trust	29/11/10	09/06/11	Dependent on helipad location and design. Design will proceed in line with this assumption.	Closed		
02	37	Helipad	Helipad Escape Stair sized for mattress evacuation in accordance with HBN00-04	That the stair width will be acceptable for trauma patient and crash team manoeuvre in an emergency situation and signed off by the Trust	BDPA		Trust	29/11/10	09/06/11	Design will proceed in line with this assumption. This refers to the stair from Helipad level to the upper roof only. BDP note that escape stairs from upper to lower roof are not sized for mattress evacuation, nor are the existing stairs within the TKT. (The Trauma lift stops at upper roof level but not lower roof level).	Closed		
02	38	LINAC	Linac bunker plan layout	That the current plan configuration of the bunkers will allow for installation and assembly of equipment by a future supplier.	BDPA		Trust (AF)	21/02/11		Departmental layout signed off - being addressed as part of major medical equipment review meetings		Trust note comment agreed - ask to be kept open for time being	
02	39	LINAC	Linac bunker internal height	Contractor's Communication General Matters ref: (CI 13.1) 26.10.10 states zone above ceiling will be 300mm but "may be increased" ie increase in level of bunker lid .	BDPA		LOR	09/01/12		BDP/S has confirmed the height required. To be agreed at the outset of the 1:100 shell and core design.			
02	40	Car park	Car Park clear height nominally 2250mm in Stage 1, 2600mm in Stage 2.	That it is acceptable that the car park will only be available for car use not commercial vehicles	BDPA		WSP	29/11/10		Trust requested a series of drawings testing the vehicles that can access the car park for both the temporary stage and the permanent stage. Drawings outstanding from WSP. LOR to chase.			
02	41	Car park	Temporary car park access ramp.	That an incline steeper than 1in10 will be acceptable for the temporary access ramp	BDPA		WSP	29/11/10		WSP to undertake grounding test for the temporary ramp. Position established for final ramp, WSP to provide temporary ramp scenario			
02	42	Stairs	Variation in floor to floor heights between Level B-2 and Level 2 to suit site constraints	It is assumed that a small variation (3mm nominal) in stair riser heights between storey flights will be acceptable to Building Control/Approved Inspector.	BDPA		LOR/HCD	29/11/10	15/10/10	Accepted.	Closed		
02	43	Terraces	Where a dropped slab is not practical to create level access to a terrace or patient gardens because of service void constraints to accommodation below.	That an internal ramp up to an external level above FFL will be acceptable.	BDPA		Trust	29/11/10	04/02/11	Accepted. Detail will need to be reviewed for each terrace, but the principle is accepted.	Closed		

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02	44	Balustrade	Height of balustrading requirements where they vary from legislation of 1100mm above FFL	Given the exposed nature of the site - that Trust expectations and requirements for public safety are fully determined and allowances made in respect of structure and costing for installation of balustrading that is higher than the statutory minimum requirements.	BDPA		LOR	15/11/11		Interior Design Strategy takes a precedence.	To be closed		
02	45	WCs	Provision of WC access the project	Sanitary proposals summarised in the BDP document and is assumed acceptable.	BDPA		Trust	29/11/10	04/02/11	Principles included in the sanitary proposals are accepted, the 1:50 process will review in detail.	Closed		
02	46	Bridge link	Review the possibility of installing a bridge link from the top of stage 2 roof over the Pebbles restaurant to the northern road.	Study currently excluded from the baseline scheme.	Trust	04/02/11	BDP/A (NC)	09/01/12		BDP/A to review the feasibility of the bridge link from stage 2 roof generally.			
02	47	Helipad	Helipad pad on TKT is to be investigated in detail with 3 options 1. Exoskeleton 2. On TKT structure 3. Helipad attached to stage 1 but extending over TKT 4. On Junior school site	Study currently excluded from the baseline scheme.	Trust	07/02/11	LOR	18/02/11	24/06/11	Helipad location confirmed as endo skeleton.	Closed		
02	48	Stage 2 roof	Current roof overhang is to be removed following planning comments.	Study currently excluded from the baseline scheme.	Trust	13/01/11	BDP/A (RCP)	26/03/11	09/06/11	Roof reinstated for design reasons.	Closed		
02	49	Stage 1 L11	Meeting and teaching suite to be moved to Stage 3	Study currently excluded from the baseline scheme.	Trust	07/02/11	BDP/A (NC)	26/03/11	09/06/11	Meeting and teaching location stays at L11	Closed		
02	50	External	Main entrance landscape proposals to incorporate layby	Trust has instructed to incorporate the layby and not the drop off. Baseline scheme to be updated	Trust	09/02/11	BDP/L (HM) /WSP (MS)	26/03/11	09/06/11	Layby now in scheme	Closed		
02	51	Stage 2 entrance	Drum to be revised.	Study currently excluded from the baseline scheme.	Trust	13/01/11	BDP/A (NC)	26/03/11	09/06/11	Drum revised as "rotunda"	Closed		
02	52	Stage 1 Roofs	Remove the "gull wings" and replace with alternative roof	Study currently excluded from the baseline scheme.	Trust	13/01/11	BDP/A (NC)	26/03/11	09/06/11	Gull wings removed from scheme	Closed		
02	53	Fire Strategy	Bed evacuation lifts to southern point of ward fingers	Bed evacuation lifts incorporated, but not sized as per regulations in agreement with Trust/building control	BDPA	04/04/11	Trust	18/04/11	09/06/11	Agreed outcome of meeting with Trust fire officers. Trust Project team to confirm	Closed		
02	54	Fire Strategy	Provision of sprinklers	Sprinklers excluded except within basement levels.	BDPA	04/04/11	Trust	18/04/11	09/06/11	Agreed outcome of meeting with Trust fire officers. Trust Project team to confirm	Closed		
02	55	Fire Strategy	Bed evacuation lift required within north core - to be included where Trauma lift currently shown.	Trauma lift to be used for bed evacuation	BDPA	13/01/11	Trust	18/04/11	09/06/11	Agreed outcome of meeting with Trust fire officers. Trust Project team to confirm	Closed		
02	56	1.500	Revised 1:500's in line with 13 May 2011 planning consultation	Stage 1 - Level 1 Rheumatology and main entrance, chapel, café and car park core moved	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	57	1.500	Revised 1:500's in line with 13 May 2011 planning consultation	Stage 1 - Level 2 Nuclear medicine & Neuro OPD/Phys/Support changed	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	58	1.500	Revised 1:500's in line with 13 May 2011 planning consultation	Stage 1 - Level 3 Non-Invasive Cardiology, Therapies & FM changed	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	59	1.500	Revised 1:500's in line with 13 May 2011 planning consultation	Stage 1 - Level 4 MRI 3T review impact to Imaging.	BDPA		Trust (DP)	18/04/11		Trust to accept revised 1/200 layouts to accommodate the largest medical requirement requirements in terms of access and room proportions dimensions which vary from signed off drawings. It's assumed that magnetic shielding can be accommodated within the structure based on utilisation and 3.0T MRI without impacting on other rooms adjacent above and below. Access through external wall and routes for replacement are achievable in terms of structure, external wall design, and LPA requirements and routes for Quench pipes and their termination and appearance at external wall are assumed to be acceptable		Subject to 1:200 sign off - L4 1:200 signed off? Subject to final agreement of both the large equipment space study and the install and refresh solutions for level 4	
02	60	1.500	Revised 1:500's in line with 13 May 2011 planning consultation	Stage 1 - Level 5 MRI 3T review to Theatres	BDPA		Trust (DP)	18/04/11		Trust to accept revised 1/200 layouts to accommodate the largest medical requirement requirements in terms of access and room proportions dimensions which vary from signed off drawings. It's assumed that magnetic shielding can be accommodated within the structure based on utilisation and 3.0T MRI without impacting on other rooms adjacent above and below. Access through external wall and routes for replacement are achievable in terms of structure, external wall design, and LPA requirements and routes for Quench pipes and their termination and appearance at external wall are assumed to be acceptable		Remains open pending new information to be provided by LOR/BDP as per EWN meeting. Subject to final agreement of both the large equipment space study and the install and refresh solutions for Level 5	
02	61	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 6 Impact to Multi-faith of projecting bay removal to west/south façade	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	62	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 7 Likely requirement to add bridge link to satisfy fire strategy	BDPA		Trust (DP)	18/04/11	24/08/11	Departmental drawing for Level 07 signed off at status B including link bridge between west and central finger;	Closed	Trust confirm ok to close	
02	63	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 8 No change	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	64	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 9 No change	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		

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02	65	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 10 Adjustment of façade setting out impact on Neuro/Stroke Therapies Gym and Rehab	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	66	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 11 no change	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	67	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 12 Addition of Photo Voltaic roof to be confirmed	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	68	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 13 Addition of Photo Voltaic roof to be confirmed single stair access to external roof	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	69	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - Level 14 No change	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	70	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 1 - New Bed Escape Lift cores added to end of fingers.	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	71	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - New entrance drum and core added to match planning design	BDPA		Trust (DP)	18/04/11	09/06/11	1:500 drawings signed off	Closed		

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02	72	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 1 Adjustment of south façade impact on Oncology Entrance, Radiotherapy and Medical	BDPA		Trust	18/04/11	09/06/2011	1:500 drawings signed off	Closed		
02	73	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 2 Trust HQ and Private Patient adjusted with accommodation in atrium used by	BDPA		Trust	18/04/11	09/06/2011	1:500 drawings signed off	Closed		
02	74	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 3 Accommodation in atrium used by BSMS	BDPA		Trust	18/04/11	09/06/2011	1:500 drawings signed off	Closed		
02	75	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 4 Accommodation in atrium used as Oncology Day care.	BDPA		Trust	18/04/11	09/06/2011	1:500 drawings signed off	Closed		
02	76	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 5 Adjustment of south façade minor impact to Oncology wards. Addition of none	BDPA		Trust	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	77	1.500	Revised 1:500s in line with 13 May 2011 planning consultation	Stage 2 - Level 6 Roof. North bed/stair core added. Extent of roof garden adjusted. Review of patient fire	BDPA		Trust	18/04/11	09/06/11	1:500 drawings signed off	Closed		
02	78	Helipad	Helipad moved to Thomas Kemp Tower	Helipad solution to use existing TKT structure	BDPA		Trust	18/04/11	09/06/11	Endo skeleton option selected.	Closed		
02	79	Helipad	CFD analysis required to prove validity of helipad on Thomas Kemp Tower	Risk assessment required to ensure that helipad can be used under all environmental conditions	BDPA	08/07/2011	LOR/WSP	18/04/11		Final CFD complete - Helipad height 118.2m	To be closed		
02	80	Fire	Fire Strategy Review	Fire Strategy approval required to safe guard clinical layouts and planning design	BDPA		Trust	18/04/11		Current Fire Strategy rev 03 issued 13/10/11 is assumed acceptable.			
02	81	Fire	Fire Strategy Review	Trust will maintain fire safety operational requirements set out in the Fire Strategy Report	BDPA		Trust	18/04/11		Assumption Withdrawn	Closed		
02	82	1.500	Staircase design exceeds 1800mm vertical travel per flight - see derogation schedule	Derogation is acceptable if compliant for building control, no derogation required	BDPA		Trust	15/11/11		HCD agreed where length of flights with 14 risers is acceptable for compliance, however for basement B02 where up to 17 risers with 180mm rise are required, then trust acceptance to restrict use of this floor to ambulant disabled users required ie. no wheelchairs in order to submit a compliant proposal. LOR confirm this applies to all stages where staircases occur. HCD have accepted this assumption.	To be closed		
02	83	1.500	Floor level change between stage 1 and 2 is 1 in 20 - will be treated as 'gently sloping' ie avoiding the requirements for landings and steps - see derogation schedule	Derogation is acceptable if compliant for building control, no derogation required	BDPA		Trust	15/11/11		Floor level change will be better than 1 in 21 to be compliant with slope and therefore compliant for building control; detail for extent of slope to be confirmed by BDP/A (slope zone at levels L01 & L06 will extend into stage 2 slab). This occurs in all locations where connections between stage 1 and 2 occur. HCD have accepted this.	To be closed		
02	84	1.500	Fire Strategy Review - Smoke vent from atrium	route of necessary fresh air in and smoke out will not impact on departmental adjacency layouts	BDPA		Trust		09/06/11	Agreed by Trust	Closed		
02	85	1.500	Equivalent standard bed escape lifts to stage 1 visitor cores will meet the Trust's operational requirement	Derogation is acceptable	BDPA		Trust	15/11/11		Subject to ongoing Fire workstream. Trust comments on Fire Strategy received - no adverse comments to this item	To be closed	Trust (PR) comments received on fire strategy email 19/9/11 - no adverse comments	
02	86	1.500	Fire Strategy Review - Single lobby protection between the car-park basement storey(s) and the level 1 entrance will be acceptable	Derogation is acceptable	BDPA		Trust	15/11/11		Subject to ongoing Fire workstream. Trust comments on Fire Strategy received - no adverse comments to this item	To be closed	Trust (PR) comments received on fire strategy email 19/9/11 - no adverse comments	
02	87	1.500	Fire Strategy Review - Fire Brigade access route to firefighting shafts (visitor cores) will be acceptable	Derogation is acceptable	BDPA		Trust	15/11/11		Subject to ongoing Fire workstream. Trust comments on Fire Strategy received - no adverse comments to this item	To be closed	Trust (PR) comments received on fire strategy email 19/9/11 - no adverse comments	
02	88	1.500	Daylight levels achieved in rooms at lower storey facing courtyards / retaining structures will be below standards (BREEM / CIBSE LG2)	Derogation is acceptable	BDPA		Trust	15/11/11		Detail of this assumption is included in various derogations. The assumption is recording the fact that the design was proceeding on the basis that the derogation was agreed. The derogations are now agreed therefore the assumption can be closed.	To be closed		
02	89	1.200	Ongoing design development implementing technical issues - drainage, fire strategy, AVSUs, dry risers, pneumatic tubes, fire extinguisher boxes, will impact on the 1/200s	Trust accept the design development of 1/200s post user sign off	BDPA		Trust				Closed	Trust accept the principle of changes post 1:200 but do not accept through this acknowledgement any specific changes at this point.	22/07/2011
02	90	1.200	Impact of external wall room layout coordination with windows will result in compromised window sizes and locations	Trust accept the design development of 1/200s post user sign off	BDPA		Trust				Closed	Trust accept the principle of changes post 1:200 but do not accept through this acknowledgement any specific changes at this point.	22/07/2011
02	91	1.200	Impact of populating the departments with Standard rooms, LRs and U Rooms as equipped will impact on 1/200s	Trust accept the design development of 1/200s post user sign off	BDPA		Trust				Closed	Trust accept the principle of changes post 1:200 but do not accept through this acknowledgement any specific changes at this point.	22/07/2011
02	92	1.200	Nuclear Medicine Radiopharmacy / Oncology Aseptic Suites can be developed to meet MHRA certification	Trust accept the design development of 1/200s post user sign off	BDPA		Trust				Closed	Trust accept the principle of changes post 1:200 but do not accept through this acknowledgement any specific changes at this point.	22/07/2011

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action completed	Comments/action/resolution	Closed	Trust Response	Trust Resp By
02	93	1.200	Stage 2 building - BSMS/CIRU and Aseptic Suite Safety Cabinet extract Flues / Cat 3 Lab Exhausts and MRI Quench Pipes can be appropriately located Planning Application to include these	Trust accept the design development of 1/200s post user sign off. Planning Application drawings have located these correctly	BDPA		Trust				Closed	Trust accept the principle of changes post 1:200 but do not accept through this acknowledgement any specific changes at this point.	22/07/2011
02	94	1.200	No Trust brief available for Meeting / Teaching Rooms	Trust accept Meeting / Teaching Rooms design as drawn	BDPA	24/06/11	Trust		07/07/2011		Closed	Trust note WHP for meeting suite issued and updated December 2010 doc ref BSUH-CL-ST1-PO-B39. 1:200 also signed off as Status A.	07/07/2011
02	95	1.200	No Trust brief available for Medical Physics	Trust accept Medical Physics design as drawn	BDPA	24/06/11	Trust			LOR await issue of brief from Trust.	Closed	Brief issued by JW Trust 22/8/11	
02	96	1.200	No Trust brief available for Staff Change	Trust accept Staff Change design as drawn	BDPA	24/06/11	Trust			Refer to Trust doc BSUH-CL-SW-PO-B94	Closed	EWN item now agreed as a 1:50 issue - item can be closed	24/08/2011
02	97	1.200	Only draft version of Trust brief available for Neuroscience	Trust accept Neuroscience design as drawn	BDPA	24/06/11	Trust			Trust have agreed and signed off 1:200 for this department. Assumption to be closed as department accepted.	To be closed	Trust note 1:200 signed off - brief to be confirmed if final - Trust to re-issue brief to this effect Last DOP issued to A site 11/8/10 (V4) - although this has draft watermark it is the latest one to be used - please confirm acceptance	24/08/2011
02	98	1.200	Only draft version of Trust brief available for Clinical Offices	Trust accept Clinical Offices design as drawn	BDPA	24/06/11	Trust		22/07/2011		Closed		22/07/2011
02	99	1.200	Only draft version of Trust brief available for Non-Clinical Offices	Trust accept Non-Clinical Offices design as drawn	BDPA	24/06/11	Trust		22/07/2011		Closed		22/07/2011
02	100	Helipad	Height of parapet around lower roof. Parapet height shown to planners and incorporated on verified views is higher than modelled on the CFD analysis.	It is assumed that the higher parapet will pass the CFD analysis	BDPA	24/06/11	LOR/WSP			Final CFD complete - Helipad height 118.2m	To be closed		
02	101	Helipad	Means of escape	It is assumed that it is acceptable to escape underneath the helipad and use the Trauma or FM lift as means of escape from level 16.	BDPA	24/06/11	LOR/BDP/HC D	31/01/2012		Preliminary feedback from helicopter and fire consultants suggests this is acceptable; however it needs to be formalised at meeting with local authority, the fire brigade and the helicopter consultant.			
02	102	Helipad	The Helipad Escape Stair from helipad to level 16 is sized for mattress evacuation in accordance with HBN00-04. The stairs to level 15 are subject to spatial restrictions and the TKT fire strategy, as the existing stairs in the building are not big enough for mattress evacuation.	That this arrangement of stair widths will be acceptable for trauma patient and crash team manoeuvre in an emergency situation and signed off by the Trust	BDPA	08/07/11	Trust	31/01/2012		Design will proceed in line with this assumption. Note that the existing stairs within the TKT are not wide enough for mattress evacuation. Need to understand the fire strategy for the TKT building as a whole.		Subject to ongoing fire strategy	
02	103	1.200	Department of Health document "Performance requirements for building elements used in healthcare facilities - 8941:0.6: England", published 30th April 2011	This document is stated as superseding HTMs 56, 60, 61, 64, 68 and 69. It is assumed that the design team is to work to this new document.	BDPA	08/07/2011	Trust	09/01/2012				Trust (Phil Rolf) to comment	24/08/2011
02	104	1.50	Dropped slab construction and fixed ceiling heights	It is assumed that the BES, including drainage, will fit into the ceiling void above the fixed ceiling height and below the dropped slab. Dropped slab in car park will have no effect on the clearance required.	BDPA	22/07/2011	WSP / BDP Eng			This is not an assumption - it will form part of the design co-ordination process.	Closed		
02	105	Service Yard	check with Laing / Panel manufacturer on cleanability and robustness aspects of inner face of uninsulated concrete panels to service yard stores etc. may be more economic if secondary lining walls can be avoided but needs buildability check..	Assumption is that service yard walls will not have secondary blockwork internal lining. Not entirely sure this will be feasible	BDPA	19/08/2011	LOR/WSP	09/01/2012					

03 - Structural

Outstanding
Imminent
Pending
Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Current Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
03	1	Columns	Column sizes all stages	Stage 2 internal columns are to be 450mm square in a concrete grade sufficient to allow them to work - high strength columns will be needed at the lower levels. Stage 2 perimeter column are to be a minimum of 500mm square. Stage 1/3 columns to be designed to be a size applicable to the load and a shape to fit the architecture, subject to the standards of the Explore manufacturing process.	WSP		LOR	09/11/10	16/11/10	450/500 columns as noted confirmed as feasible following discussions with BDPA. LOR to confirm acceptability.	Closed		
03	2	Steel	Roof and L05 long span zones	All to be designed in steel.	WSP		LOR (SC)		26/10/10	LOR accepted in principle for previous versions of the scheme. LOR to confirm acceptable within GMP.	Closed		
03	3	Stage 2	Hospital street corridor - to rear of stage 2 above L4.	Current design is for reinforced concrete, but possibility for steel construction (lighter and less intrusive)	WSP		LOR (SC)	27/10/10	30/09/11	Design solution as per drawings issued by WSP 30/9/11.	Closed		
03	4	Stage 1	Sloping South façade	Assumed that sloping façade is only suitable for steel primary structure	WSP		LOR (SC)	27/10/10	23/11/10	No longer included in scheme	Closed		
03	5	Floor slabs	Transfers and downstands	Confirm rc downstands and transfers acceptable	WSP		LOR (SC)	27/10/10	30/09/11	Design solution as per drawings issued by WSP 30/9/11.	Closed		
03	6	LINACS	LINAC cross walls perpendicular to West elevation	Can be used to form buttresses to resist soil loads in the permanent condition.	WSP		LOR (SC)	27/10/10	26/01/11	LINAC design now confirmed including infill material.	Closed		
03	7	Walls	Framed construction with columns on perimeter	Perimeter load bearing panels not required - all columns on perimeter	WSP		LOR (SC)	06/12/10	30/04/11	Facade study complete. Non structural single skin is the assumption.	Closed		
03	8	Walls	Size of shear walls	Shear wall thickness confirmed as 400mm	WSP		LOR (SC)	06/12/10	30/09/11	Design solution as per drawings issued by WSP 30/9/11.	Closed		
03	9	Retaining walls	Primary retaining walls	All primary retaining walls to use permanent ground anchors designed to minimise the effect on the structure from soil and building surcharge forces.	WSP		Trust (DP)	01/10/12		Current design is for temporary ground anchors only. Further design required once planning agreed to produce information pack.		Keep open - DP notes JPR instruction for LOR to prepare and info pack for issue to CAPL to initiate discussions	07/07/2011
03	10	Car Park	B2 car park required in Stage 2	An additional level of car parking is required	WSP	16.05.11	LOR		09/06/2011	Confirmed	Closed		
03	11	Helipad	Helipad not to be built on Stage 1 building	The Endoskeleton Helipad is to be built on the Thomas Kemp Tower	WSP	16.05.11	LOR		09/06/2011	Helipad on endoskeleton on TKT	Closed		
03	12	Columns	The reduction in size of the Stage 2 columns gives punching shear problems due to the high loading on the Level 6 slab. Flared column heads will be used below the level 6 slab.	Penetrations will not occur through the level 6 slab in the locations of the flared column heads.	WSP	16.05.11	BDPS/A		01/11/2011	Small column are not required – columns are to be sized to suit structural requirements	Closed		
03	13	Slabs	The use of high strength columns in Stage 2 means that measures are needed to avoid sandwiching weaker strength concrete in the slabs between high strength columns.	The strength of the slabs will increased in the region of the column heads by casting pools of high strength concrete in the column zones. Careful site control will be required and will ensure via an agreed Construction MS to avoid lower strength concrete intruding.	WSP	16.05.11	Expanded		01/11/2011	Not required universally now that minimising column size is not required. However, may be required locally within any Stage where space constraints dictate smaller columns of higher strength are required.	Closed		
03	14	Slabs	The installation / decommissioning routes of the MRI scanners and other heavy items of medical equipment and plant will be predetermined and will be confirmed to WSP for design checks on the floor slabs	The loading of these items will increase the slab thickness beyond the current assumption of 350mm thick	WSP	16.05.11	BDPA		01/11/2011	Routes and loadings required - Loadings have been provided. Installation / decommissioning routes are not known. WSP will confirm their assumptions on installation / decommissioning routes when design restarts, if the routes are not known by then.	Closed		
03	15	Slabs	The Garden Terrace loads are to be determined and supplied to WSP for design checks on the thickness of the floor slabs.	The loading of these items will increase the slab thickness beyond the current assumption of 350mm thick.	WSP	16.05.11	BDPA		01/11/2011	Loadings have been supplied by BDP	Closed		
03	16	Shear walls	Key shear walls all stages - will not have sufficient capacity at economical / practicable thicknesses to resist structural loads at the lower levels of the building.	Cast in situ shear walls will be necessary at the lower levels of the building.	WSP	16.05.11	LOR			LOR team to review - This assumption is current, and can only be validated when the permanent prop loads are known, have been taken into account, and discussions have been held with DfMa			
03	17	Slabs	Inset walls at higher levels will require transfer structures, possibly at floor level.	Transfer structures will be required and will decrease service flexibility in affected ceiling voids	WSP	16.05.11	Des Team			Avoid downstands where practicable - This assumption and mitigation measures remain current, although the load effect could be dealt with by slab thickening rather than down stands in some cases. TBC on restart			
03	18	Façade	External precast to facades	All non-load bearing	WSP		LOR			LOR confirm NON-STRUCTURAL single skin	Closed		
03	19	Slabs	Recesses to slabs to house cold room equipment etc	Further to TRFI038 - cold room recesses in slabs have been noted by LOR as a nominal 100mm in lieu of technical data from Trust.	LOR	07/07/2011	Trust (GS)	22/07/2011		Trust required to confirm acceptance of current assumption at 100mm reces. Detail to be confirmed prior construction of the slab. (circa 2017)	to be closed		
03	20	Retaining walls	Loading assumptions for surcharge loading on retaining walls	WSP are assuming that For the piled retaining wall design to the N/W corner of Stage 2 a future development of a similar size and construction to RACH will occur.	WSP	08.07.11	Exp/LOR	09/01/2012		LOR have accepted this assumption via the curent design.	Closed		

Section	Item	Element	Description	Current Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
03	21	Retaining walls	Waling positions	As of 06.07.11 meeting with Expanded WSP will assume that LOR will place waling beams to suit construction efficiency and that these will be removed at an appropriate time following construction of the floor slabs. WSP need to know where the waling are ASAP	WSP	08.07.11	Exp/LOR	13.07.11	01/11/2011	Waling positions were discussed and agreed in principle pre-stand down.	Closed		
03	22	LINAC bunkers	Concrete density	The concrete density must be a minimum of 2350kg/m3 (TQ 41)	WSP	08.07.11	WSP	N/A		Densities above this level will require special aggregates. Early advice on any change is essential.	Closed		
03	23	Plant basement partition walls	Non-structural separating walls	All such walls will be built from twin wall panels rather than blockwork	WSP	05.08.11	LOR(DO)	09/01/2012		Note only - detail requirement for later design stages			

04 - Services

Outstanding
Imminent
Pending

Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
04	1	ICT	BDP-EL-SW-RP-0001 Rev F01 Building Service Engineering Report on ICT Network	Central equipment rooms will not be provided in the 3T's building. Building distribution rooms will be provided, 2No in stage 1 and 2No in stage 2. The size the BDRs has been assumed as 15sqm pending further review with the Trusts ICT specialists.			BDP Arch	05/11/10	22/11/10	Room size confirmed as 4mx4m by Trust (P Rolf) on 22/11/10	Closed		
04	2	ICT	BDP-EL-SW-RP-0001 Rev F01 Building Service Engineering Report on ICT Network	The incoming fibre optic cable services will be provided by the Trusts ICT specialist and will terminate in the BDR's	BDP		Trust (PR)	05/11/10	26/10/10	Confirmed at meeting with Trust 3/11/10	Closed		
04	3	ICT	BDP-EL-SW-RP-0001 Rev F01 Building Service Engineering Report on ICT Network	The BDR's can be located at any point in the buildings above Level B1. BDP Architects to show locations on floor plans	BDP		Trust (PR)	23/05/11	07/07/11	4 No BDR rooms are provided- Two at Level 1 of Stage 1 and Two at Level 2 of Stage 2. These take account of current clinical layouts	Closed	BDR rooms confirmed - can be closed	07/07/2011
04	4	ICT	BDP-EL-SW-RP-0001 Rev F01 Building Service Engineering Report on ICT Network		BDP		Trust (PR)	05/11/10	03/11/10	Confirmed at meeting with Trust 3/11/10	Closed		
04	5	ICT	BDP-EL-SW-RP-0001 Rev F01 Building Services Engineering Report on ICT Network	Voice communications will be provided via the ICT network - i.e. a separate telecoms network will not be required to support voice applications	BDP		Trust (PR)	05/11/10	03/11/10	Copper system required for red phones & lift comms- see minutes of M&E workshop 3/11/12	Closed		
04	6	HV	BDP-EL-SW-RP-0002 Rev F01 Building Services Engineering Report on Electrical 11kv Supplies and Distribution Network	The report identifies potential risks with the current site wide HV infrastructure in the context of supporting the new 3T's development. These are outside the scope of the 3T's design. It is assumed that these issues will be addressed separately to mitigate any risks going forward and that a master plan study will be instructed.	BDP		Trust (PR)	18/04/11	12/11/10	Ongoing. Draft HV masterplan study presented to PR on 9/3/10. Decision awaited - Trust (DP) verbally confirmed approval to proceed to LOR (KH) 13/05/11 - confirmation required. Trust (PR) e-mail of 27/5/11 confirmed that option 6 of the masterplan can proceed.	Closed		
04	7	HV	BDP-EL-SW-RP-0002 Rev F01 Building Services Engineering Report on Electrical 11kv Supplies and Distribution Network	The report identifies an alternative HV distribution scheme (radial fed) to that proposed at OBC stage (ring fed). Following discussion with the Trust at an M&E Workshop on 21/9/10 it is assumed that the radial fed option is the preferred approach.	BDP		Trust (PR)		21/09/10	Confirmed by verbal instruction at meeting on 21/9/10 with LoR/Trust	Closed		
04	8	Plant access	Stand-by Generators and CHP equipment - via external ventilation light well at the east of Phase 2	It is assumed that the external ventilation light well at the east of Phase 2 will be reconfigured to provide suitable air supply into the basement plant room - the specialists have advised that the shaft should be a minimum of 2.0m wide (and not 1.5m as currently shown on the Architects drawing)	BDP		BDP/A (AH)	13/12/10	17/12/10	Shown on latest 1:500 layouts.	Closed		
04	9	Plant access	Plant access into basement plant room - provision of access openings in slab of car park	Access openings for plant withdrawal are required in the B1 car park floor slab until the main access shaft to the energy centre is constructed post stage 2. Locations must be coordinated with plant room layouts and access routes at B2 level and with the car park layout- assumption is that structural designs can accommodate the openings.	BDP		BDP/A (AH)	08/06/11		This strategy has been agreed in principle, detail to be finalised on completion of stage 1 1:200's. Following development of the 1:200 design, openings in the car park slab for plant access are no longer required. The access shaft in its temporary (Stage 1) configuration will be sufficient. This item can be closed.	To be closed	Trust (Phil Rolf) to comment	22/07/2011
04	10	Departmental distribution boards	Some of the departmental distribution boards can be located in electrical primary riser switch rooms in main building cores, as opposed to dedicated electrical closets within each department	Trust will accept this derogation to HTM 06-01 - alternatively additional closets will be required in some of the departments i.e. those located at the north of the site	BDP		Trust (PR)	05/11/10	09/03/11	Agreed with PR at services workshop 09/03/2011	Closed		
04	11	Standby Generators	Maximum capacity of the stand-by generators will be 3No. 2500kVA sets configured in an N+1 arrangement. 2500kVA. Each generator set will be rated at 2500kVA @0.8pf	If the maximum demand approaches the full rated capacity of the generators, then an automatic load shedding strategy will be invoked to ensure the stand-by supply system is not overloaded. The strategy to be developed in conjunction with the Trust.	BDP		Trust (PR)	05/11/10	16/05/11	BDP have produced load shedding strategy document and revised generator proposal which was agreed in principle at meeting on 09/03/2011 with LoR/Trust. Report to be issued for final Trust approval. Trust confirmed option B should proceed 16/5/11	Closed		

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By	
04	12	M&E	BDP-ME-SW-RP-0002 Building Services Engineering Report on Building Storey Heights	It is assumed that building storey heights above the basement levels will remain at 4.2m with the exceptions of levels 1 and 2 (4.1m)	BDP			BDP/A (RCP)	09/06/11	09/06/11	Process not adopted. Now N/A	Closed		
04	13	Drainage	BDP-ME-SW-RP-0007 Building Services Engineering: Outline Strategy for Above Ground Drainage	From the options and recommendations identified in the report, it is assumed that the design of the drainage from the north side of levels 1,2 & 3 in the 3Ts buildings can be based on a pumped solution.	BDP			Trust (PR)	05/11/10	09/03/11	Proposal accepted by Trust (PR) at Public Health RDD workshop on 9/03/11	Closed		
04	14	Pneumatic Tube	ME-SW-RP-0018 Pneumatic Tube Report	The pneumatic tube system report identifies two options (extension of existing 110mm system or a new 160mm system). A decision is require on which option to proceed with)				Trust (PR)	12/11/10	18/11/10	Trust (PR) confirmed that 100mm system should proceed at meeting on site on 18/11/10 with LoR (MH) & BDP (ToC)	Closed		
04	15	Pneumatic Tube	Locations of Stations	It is assumed that the pneumatic tube stations will be located as detailed in our TQ dated 22nd October 2010 (pending response)	BDP			Trust (PR)	12/11/10	09/12/10	TQ answers 9/12/10	Closed		
04	16	Med Gases	BDP-ME-SW-RP-0017 Building Services Report On Medical Gases Infrastructure	The report identifies two preferred options for works to the existing VIE/Vacuum/Compressed Air plant necessary to facilitate supply to the 3T's. The report recommends the second option involving conversion of the existing nitrogen VIE's to oxygen and the provision of new medical air plant to serve the existing building. It is assumed that this recommendation will be accepted.	BDP			Trust (PR)	05/11/10	02/02/12	Decision required prior to next planning meeting. Trust indicated that option to convert existing N2 tanks to O2 and provide new compressed air plant is preferred. Agreed in principle at meeting with Trust/BDP/BOC on 2/2/12	Closed		
04	17	Med Gases	Piped Medical Gases Terminal Units	It is assumed that piped medical gases terminals will be provided in accordance with HTM02-01 Table 11 with the exception of N2O/O2 in critical care areas which is assumed not to be required	BDP			Trust (PR)		09/03/11	PR confirmed that N2O.02 (Entonox) is not required in critical care beds at meeting on 9/3/11	Closed		
04	18	Med Gases	Lab Gases/ CO2	It is assumed that any lab gases/CO2 (e.g. for BSMS labs, Theatres or local blood gas labs) required will be by means of local bottles/manifolds rather than fixed pipeline systems	BDP			Trust (PR)	08/06/11		Review with Trust at Meeting on 9/3/11. Confirmed that CO2 will be required to serve theatre block. Brief for Laboratory gases to follow - Trust to review BSMS brief for response. As of 9/9/11, the 1:200 M&E design includes the following provision: CO2 to Theatres: Accommodation of a piped CO2 system to serve the Stage 1 Theatres (Level 5) from a cylinder manifold located in the medical gases manifold room at level 3 stage 1. BSMS Laboratory Gases: a piped supply of Argon, CO2, Hydrogen, Nitrogen and Oxygen. Cylinder manifold rooms are provided in the level 2 plantroom on the West external wall. Seperate rooms are provided for flammables and non-flamables. It is understood that this will need to be revisited on receipt of further information from the trust as noted opposite.	To be closed	The BSMS brief will need to be reviewed to be able to respond. Bottle vs piped decision needed - Meeting held and outcome to be presented to DPRG (Phil Rolf). Abigail to update the BSMS brief.	24/08/2011
04	19	CCHP	BDP-ME-SW-SW-0001-Primary Heating & Cooling Plant Scope- CCHP- Export of waste heat to the upper site	We have assumed that there will be a desire to export the CHP waste heat to the upper site and are including the necessary connections on the system to accommodate this required to enable this	BDP			BDP/S	16/05/11	16/05/11	Superseeded by the central energy centre in TKT. Trust confirmed to proceed 16/05/11	Closed		
04	20	Natural Gas	BDP-ME-SW-SW-0001-Primary Heating & Cooling Plant Scope- Natural Gas	It is assumed that catering equipment (café's & pantries etc) will be electric with the exception of the ADL kitchen which will include a domestic gas hob.	BDP			Trust (PR)	08/06/11	09/06/11	Trust confirmed that the ADL kitchen can also have an electric hob.	Closed		

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
04	21	Basement plant room ventilation for generation equipment	BDP-ME-SW-SW-0001-Primary Heating & Cooling Plant Scope- Natural Gas	It is assumed that natural gas outlets in the laboratories (BSMS, Nuclear Medicine) are not required.	BDP		Trust (PR)	08/06/11		Trust reviewing depts briefs to see if required. PR/AM/AP to confirm. As of 9/9/11 the 1:200 M&E design includes piped natural gas to the following: Medical Physics (Stage 2 Level 1)- Clean Process Room and Mould Prep Room BSMS (Stage 2 Level 3)- General Laboratories, Lab Support, Cat II Lab, Cat III Lab. It is understood that this provision may be removed following the receipt of further information from the Trust as noted opposite.		Alli McKinlay confirms no requirement for Radiopharmacy & Nuc Medicine. Await confirmation on other depts. Phil Rolf to confirm BSMS as part of paper noted in item 18	22/07/2011
04	22	Plant access	BDP-ME-SW-SW-0001-Primary Heating & Cooling Plant Scope- Fuel Oil	It is assumed that standby fuel oil storage equivalent for 200 hrs operation of the standby generators and heating boilers will be adequate. This will be based on the No of units normally operating (i.e. 2 out of three generators & 3 out of four boilers)	BDP		Trust (PR)	06/12/10	24/02/11	Confirmation of design approach being adopted. Confirmed verbally by Trust at M&E workshop 15/12/10 & RDD review meeting on 24/2/11	Closed		
04	23	Medical Equipment	Major specialist medical equipment (diagnostic and treatment)	Some indicative Information on the medical diagnostic equipment (Linacs & CT) has been provide by the trust. A list of all major diagnostic equipment is required together with information on which manufacturers information should be adopted as the basis for design. This should include Linacs, MRI, CT, PET Scanners SPECT scanners, Gamma cameras & Fluoroscopy machines.	BDP		MTS/ Trust	05/11/10	01/04/11	This is part of the 1:50 review process however presents a risk, given that this process runs concurrently with the system design. Trust have provided manufacturers information on several possible models for each type of equipment. Design for GMP to be on a 'worst case' basis. Services capacities and requirements included in the M&E 1:200 stage design are based on the "worst case" figure from the various alternatives indicated by the Trust. A detailed schedule of assumed capacities and requirements has been issued to asite (BDP-ME-SW-SH-0007)	To be closed	Data provided to JM to support. Services to be designed to ensure adequate provision - ongoing dialogue with JM and Gary Nesbitt from MTS. To remain open as there are concerns about solutions provided to date, especially as they are based on old 1:200's PR (TRust) to provide comment	24/08/2011
04	24	Sub-station locations	Locations of Sub-stations in vicinity of specialist medical equipment	Sub-station locations will be in vicinity of specialist medical equipment e.g. MRI, Scanners, LINAC equipment - it is assumed that this is acceptable to the suppliers and that any potential problems associated with electro-magnetic interference can be addressed within the design and installation of the equipment , and the rooms in which they are housed.	BDP		MTS/ Trust	31/01/12		Inspection of the manufactureres iformation supplid by the Trust would indicate that there is no particular issue with the sub-station locations however this cannot be finally adressed until a manufacturer is appointed.			
04	25	Specialist Medical Equipment	Supply of UPS equipment associated with specialist medical equipment	If UPS units are required to support operation of specialist medical equipment, then they will be selected, supplied and installed by supplier(s) of specialist medical equipment	BDP		Trust (PR)	05/11/10	15/12/10	Confirmed by Trust at M&E workshop 15/12/10	Closed		
04	26	Sprinklers	BDP-ME-SW-SW0002 Fire Safety Systems	It is assumed that sprinkler protection to OH Group III will be provided in the following locations: 1. Level B2 basement plant rooms and bed wash area. 2. Level B1 Car Park 3. Level 1 Retail Areas in Main Entrance 4. Level 3 Waste Management & FM Area 5. Level 6 Plant rooms	BDP		LoR / Trust	17/12/10	04/04/11	Reviewed at Fire Strategy meeting on 4/4/11. Confirmed that sprinklers are required at B1 & B2 levels only.	Closed		
04	27	Gas Extinguishing	BDP-ME-SW-SW0002 Fire Safety Systems	It is assumed that the electrical HV & LV switch rooms and UPS rooms at basement level will be provided with self contained automatic dry type fixed extinguishing systems	BDP		LoR / Trust	08/06/11	09/06/11	Trust Agreed - comments 09/06/11	Closed		
04	28	Car Park Ventilation	BDP-ME-SW-SW0002 Fire Safety Systems	It is assumed that an impulse fan type system for day to day and smoke ventilation of the basement car park will be deemed to meet the requirements of the Building Regulations	BDP		HCD	08/06/11		Trust comments of 2/6/11 confirm that this is agreed. Confirmation required from HCD. This was reviewed at the meeting with Brighton & Hove Fire Brigade on 5/8/11. No specific concerns have been raised. Confirmation is required from HCD & B&HFB that the system is acceptable in principle.	Closed	Confirmation from HCD and ESFRS received to confirm Fire Strategy proposals acceptable.	
04	29	Atrium Smoke Vent	BDP-ME-SW-SW0002 Fire Safety Systems	It is assumed that a mechanical smoke ventilation system designed to limit smoke temperatures to 140oC will be deemed to meet the requirements of the Building Regulations	BDP		LoR / Trust	08/06/11	09/06/11	Proposals have been amended to reflect current scheme and the system will now be a smoke clearance system at 6 Air changes per hour in compliance with HTM05-02	Closed		
04	30	Lifts	New HTM 08-02	HTM 08-02 Lifts was published in February 2010 (It superseded HTM 2025)- we assume HTM 08-02 is the standard to which new scheme should be designed.	BDP		PSCP	08/06/11		PSCP to review the HTM and advise the risk. The design is being completed to HTM08-02. This item can be closed.	To be closed		

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
04	31	Lifts	1:500 General Arrangement Drawings	In the absence of a detailed population analysis of the building, it is assumed that the lifts as indicated on the architectural 1:500 General Arrangement Drawings (Departmental GA's) issued 7.07.11 are of sufficient numbers and capacity to comply with HTM /BS recommendations	BDP		BDP/A	09/01/12		Lifts now as per current configuration - LOR/Trust to review if LTA to be undertaken.			
04	32	Lifts	BDP-ME-SW-SW0002 Fire Safety Systems	It is proposed that each of the main fire fighting cores will be equipped with one fire fighting lift and the remaining lifts within each fire fighting core will be evacuation lifts. It is assumed that this will be deemed to meet the requirements of the building regulations.	BDP		Trust	17/12/10	04/04/11	Reviewed at Fire Strategy meeting on 4/4/11. Confirmed that 3nr south cores are to incorporate bed evacuation lifts	Closed		
04	33	Ventilation	Isolation Room Ventilation- 1:200 room relationship drawings Stage 2 Level 5 & Stage 1 Level 6	It is assumed that the isolation rooms in each department will be served form separate systems incorporating duty/standby supply and extract air handling plant. Air flow regimes will be as described in HBN04-01 i.e positively pressurised lobby. Refer to BDP scope report BDP-ME-SW-SW-004 Rev F01 for detailed description	BDP		BDP/S (PN)	14/12/10		Report on ventilation of isolation rooms issued on 26/11/11 and reviewed with Trust on 14/12/10. Approach agreed at meeting and confirmed by Trusts comments on documents. Assumption has been revised accordingly. LOR/BDP confirm that further to receipt of PMI048 the change to the Isolation rooms only affects architecturally NOT the services. Assumption remains as existing. PMI dealt with separate from Assump reg.	Closed	Trust (PR) confirms assumption box for this item is correct.	22/07/2011
04	34	Ventilation	Fume Discharge	Pending issued of room equipment lists by MTS, it has been assumed that fume exhaust will be required from the following: Stage 1 L2 Radiopharmacy Unit & Dose Prep Rooms Stage 1 L7 Isolation bedrooms Stage 2 L3 BSMS CAT3 Lab Stage 2 L4 Aseptic Suite Isolators	BDP		MTS /Trust	16/08/11		MTS,equipment list issued Feb 11. Fume Exhaust is required from: Stage 1 L2 Radiopharmacy Unit & Dose Prep Rooms Stage 1 L3 FM Workshops Stage 1 L5 Smear Test Lab Stage 2 L1 Medical Physics Stage 2 L3 BSMS Labs Stage 2 L4 Aseptic Suite Specific details of safety cabinets/fumcupboards to be agreed during 1:50 process. List of depts inc here needs revisiting for final agreement. Department list to be confirmed by Trust As of 9/9/11, the M&E 1:200 design includes provision as noted on schedule no BDP-ME-SW-SH-0008 issued to asite. This will require further review during the 1:50 process.	To be closed	Trust confirms inclusion of: -ENT (hearing room) -Isolation Rooms -Rad Dose Prep Room -Sample Prep QC Room -CIS OPD Pre-Assess Suite -EBME (poss) -BSMS -CIRU (poss) List not exhaustive and more may come out at 1:50 process - Trust ask to remain open	24/08/2011
04	35	Ventilation	Fume Discharge	It is assumed that a fume discharge height of 5m will be acceptable pending the completion of the CFD wind analysis to confirm the minimum stack height	BDP		LOR	06/12/10	07/12/10	BDP/S and LOR confirmed resolved by meeting the legislative height above the surface and filters to control the discharge.	Closed		
04	36	M&E	Dropped Slabs	It is assumed that any areas of dropped slabs will not have an adverse affect on the associated services voids/spaces and that the building structure will be modified to suit	BDP		BDP Architects/ WSP	08/06/11		This is not an assumption - it will form part of the design co-ordination process.	Closed		
04	37	1:50 Standard Rooms	Small Power and Data	Standard office PC provision shall consist of 2 dual sockets (OUT010), 1 double data/ voice outlet (OUT131) and a single telephone outlet (OUT215).			LOR	08/06/11		VOIP confirmed and outlet requirements confirmed as below JM(LOR) confirms that the 1nr tel socket is only req where a telephone is situated independently, additional to the standard desk provision.	Closed	Ref Flexibility policy - to be reviewed during the 1:50 process. Flexibility policy needs to be considered.	
04	38	1:50 Standard Rooms	Small Power and Data	Local printers within offices have been removed as per the trusts recommendations, electrical provisions for these printers have also been removed from the scheme.			Trust (GS)	14/01/11	09/03/11	Confirmation of design approach being adopted. Accepted by Trust (PR) at meeting on 9/3/11	Closed		
04	39	1:50 Standard Rooms	Small Power and Data	WiFi access points have not currently been provided, for on the 1:50 drawings as they provision is location specific. These will be shown on the 1:100 M&E layout drawings.			Trust (PR)	14/01/11	07/07/11	Confirmation of design approach being adopted. Reviewd with Trust at M&E workshop on 15/12/10 and agreed that a provisional allowance for 500 WiFi points would be made. LOR note that although figure of 500 quoted the acutal number of WIFI points will be dictated by the need for full hospital coverage. Figure was used to establish OBC costs.	Closed	LOR comment noted.	07/07/2011
04	40	1:50 Standard Rooms	Small Power and Data	A traditional data, telephone and TV infrastructure has been provided on the 1:50 room layouts and is reflected by the associated outlets. It is assumed that all these services will be carried over the ICT network and the telephone and TV outlets will become data outlets. See item 39 above.			LoR (MH)	08/06/11		Confirmation of design approach being adopted. To be reviewed against Trust entertainment system policy issued 20/6/11. The proposed strategy for the patient entertainment system is described in report BDP-EL-SW-0011 issued .to LoR 24/6/11.which takes account of Trust policy. The report identifies several options and the Trust comments are required.			

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04	41	1:50 Standard Rooms	Small Power and Data	Access control has been provided to all the office hot desk areas as per the comments from the Trust (17/9/10), BDP await site wide access control philosophies from LOR/ Trust for the entire project.			LoR / Trust	14/01/11	15/02/11	Access control RDD workshop held 15/2/11 and site wide control philospy agreed.	Closed		
04	42	1:50 Standard Rooms	Small Power and Data	Electrical outlets in standard staff offices will be flush within the walls except at locations where 4 or more outlet faceplates are clustered together, where they will be mounted within dado trunking - the Dado trunking will be served by vertical lengths of surface mounted trunking routed from the ceiling voids.			LoR/BDP Arch	08/06/11		Trust comment - Vertical trunking is NOT agreed - horizontal only. LOR to review technical implications.	Not Agreed		
04	43	1:50 Standard Rooms	Small Power and Data	In staff hot desk offices electrical outlets will be installed in horizontal office dado trunking.			LoR/BDP Arch	08/06/11	09/06/11	Trust Agreed - comments 09/06/11	Closed		
04	44	1:50 Standard Rooms	Small Power and Data	Electrical requirements in the group rooms is to be reviewed by LOR & BDP with the Trust to establish projector requirements, smart boards, LCD televisions, VGA connections, WIFI, and power and data at the tables. Floor boxes are not currently considered practical, provision of service poles shall be discussed with the Trust			Lor/Trust	14/01/11	09/03/11	Provision for wirways, outlets and power supplies will be made on the drawings for GMP & reviewed when equipment has been selected.	Closed		
04	45	1:50 Standard Rooms	Small Power and Data	We have assumed that ward electrically operated beds will operate from the general 230 volt sockets located at the bed heads within the bedhead trunking and there are no special requirements for these beds.			Trust (PR)	14/01/11	09/03/11	Trust (PR) confirmed that this assumption is correct at meeting on 9/3/11	Closed		
04	46	1:50 Standard Rooms	Small Power and Data	According to HTMs, the number of IPS sockets to be provided in critical care areas varies depending on which dept the critical care area is located. It is assumed that the critical care wards included in the standard rooms are general ccu/ITU beds and will require four IPS sockets per bed.			Trust (PR)	08/06/11		Trust have indicate that there should be more than four IPS sockets per bed. BDP to revert with proposal, based on sockets located on each arm of ceiling pendant. BDPS to review and confirmation Assumption. Register to be corrected to show. Further icomment from Trust on No of sockets require. The first issue of 1:50's identify the overall number of sockets proposed- the proportion of these which should be IPS backed-up is to be confirmed.		Assumption as written not agreed. The comment is correct. Trust to take to DPRG to confirm. Tom Downard (Trust) to comment - awaited	24/08/2011
04	47	1:50 Standard Rooms	Small Power and Data	Pharmacy cabinets and refrigerators for controlled drugs or blood storage have each been allocated the following provision. An unswitched 13 amp fused connection unit located within the ceiling void. A flex outlet connection plate installed behind the cabinet, setting out dimensions to be co-ordinated with selected cabinets. A single RJ 45 data local outlet (For access onto the IT network via a PC or similar) A signal cable to the nurse call system will also be required, this has not been included as an outlet at this stage, as we envisage this being included in schematic format at detail design stage.			Trust (PR)	14/01/11	09/03/11	Following discussion with the Trust, the requirements are confirmed as: Drugs Cabinets: unswitched 13a FCU in ceiling void with flex outlet: RJ45 data outlet: nurse call outlet. Blood Fridges: unswitched 13a FCU with flex outlet: RJ45 data outlet : Connection to BMS for alarm monitoring.	Closed		
04	48	1:50 Standard Rooms	Small Power and Data	LOR to liaise with trust to establish exact power and data requirements for PAC's equipment.			LoR (MH)	14/01/11	10/02/11	PACS Workshop held 10/2/11 and provision agreed as 2 No RJ45 data outlets to serve each item of specialist medical equipment. Each outlets wired from different hub room. Provision will be reviewed against Trust Policy and when equipment has been selected and additional outlets provided if necessary. Workshop attended by Phil Rolf and Gary Steine (LOR + BDPS) agreement reached as per above.	To be closed	PACS policy has been issued and is a PACS Display policy only i.e levels of PACS available across depts. The policy does not cover the item referred to in the comment ref data outlets for specialist equipment. LOR to provide information of the PACS workshop held.	22/07/2011
04	49	1:50 Standard Rooms	Small Power and Data	Water boilers will be supplied via electrical outlets located above worktops.			Trust (PR)	14/01/11	09/03/11	Confirmation of design approach being adopted. Confirmed by Trust at meeting on 9/3/11	Closed		
04	50	1:50 Standard Rooms	Small Power and Data	Fridges and dishwashers will require a single unswitched socket below the worktop, switched by a fused connection unit above the worktop, provided for isolation purposes.			Trust (PR)	14/01/11	09/03/11	Confirmation of design approach being adopted. Confirmed by Trust at meeting on 9/3/12	Closed		
04	51	1:50 Standard Rooms	Small Power and Data	Each pantry/ Kitchenette area shall be provided with two dual sockets above worktops for items of equipment such as toasters etc.			Trust (PR)	14/01/11	09/03/11	Confirmation of design approach being adopted. Confirmed by Trust at meeting on 9/3/13	Closed		
04	52	1:50 Standard Rooms	Small Power and Data	Sensor operated taps will be battery operated (except at Surgeons; sink troughs), consequently no electrical provision has not been included.			Trust (PR)	14/01/11	09/03/11	Confirmation of design approach being adopted. Confirmed by Trust at meeting on 9/3/14	Closed		

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04	53	1:50 Standard Rooms	Small Power and Data	Accessories above worktops will be installed at 1150mm centre above FFL. Cleaner's sockets shall be installed at 450mm above FFL to the underside of the socket. General light switches shall be installed at 1150mm centre above FFL (unless stated otherwise on the drawing).			BDP (AH)	08/06/11		BDP to review for compliance with DDA regs. Assumption superseded by issue of standard mounting height drawings as part of 1:50 process. Proposed heights are DDA compliant. Trust have no comments. Assume that this item can be closed.	To be closed		
04	54	1:50 Standard Rooms	Lighting	Lighting control in cellualr office areas is switched on via a momentary push switch and timed off via absence detection.			Trust (PR)	14/01/11	16/02/11	Lighting controls agreed in principle at RDD workshop on 16/2/11	Closed		
04	55	1:50 Standard Rooms	Lighting	Lighting control in Staff changing, clean and dirty utilities, stores, staff common rooms, toilets, dining, beverage areas and rest rooms is via presence detection.			Trust (PR)	14/01/11	16/02/11	Lighting controls agreed in principle at RDD workshop on 16/2/12	Closed		
04	56	1:50 Standard Rooms	Security,TV & Access Control	Wa assume that a detailed brief for these systems will be agreed at a workshop with the trust during 1:200 design stage.			LoR/Trust	14/01/11	18/01/11	Now included as separate streams of work within the RDD process.	Closed		
04	57	1:50 Standard Rooms	Room S004 (Office 9 Staff)	Room S004 is to include a reception hatch for receiving deliveries etc. Electrical provision for this will be identified at the next stage following discussions with the Trust to ascertain exact requirements.			Trust (PR)	14/01/11	09/03/11	Trust (PR) advised that no provision for hatch is necessar at meeting on 9/3/11	Closed		
04	58	1:50 Standard Rooms	Rooms S035 (Isolation Single Bed), S036 (Single Bed & S062 (Multi-bed room with hoists)	We are progressing the design of rooms SO35, SO36, SO62 on the basis that they are clinical risk category 3/ 4, and therefore they have not been afforded with IPS sockets and earth potential equalisation outlets. However, this needs to be validated by the Trust Clinical Teams (N.B. Alternatively, the Trusts Clinical Teams may deem these rooms to be Category 5 and hence will require IPS sockets and earth potential equalisation outlets –our design would then have to be updated accordingly).			Trust (PR)	14/01/11	09/03/11	Trust (PR) confirmed that assumption is correct at meeting on 9/3/11.	Closed		
04	59	1:50 Standard Rooms	Rooms S035 (Isolation Single Bed), S036 (Single Bed & S062 (Multi-bed room with hoists)	Rooms SO35, SO36 and SO62 currently have no provision for T.V and radio outlets. HTM 08-03 (11.18) highlights the importance of these services at the bed head. It is assumed that data outlets will be required for these services and these will be incorporated into the M&E services drawings and data sheets			BDP (PN)	08/06/11	07/07/11	Trust confirm outlets inc in bedhead union for these rooms which should be adopted across all inpatient spaces (9/6/11) Included on signed off standard room drawings	Closed	Trust have checked the relevant drawings and confirms they are inc in the bed head union for these rooms and which should be adopted across all inpatient spaces	07/07/2011
04	60	1:50 Standard Rooms	Room S088 (athroom Assisted)	The schedule for room SO88 includes a mobile hoist, we assume there is no power requirement for this unit.			MTS/ Trust	14/01/11	09/03/11	Trust (PR) confirmed that assumption is correct at meeting on 9/3/11.	Closed		
04	61	1:50 Standard Rooms	Room S033 & S108 (Staff Communication Bases)	S108 and SO33 power and data is currently supplied to island desks via a service pole. Our preferred option for supplying these areas would be via flush floor runking . We feel service poles may not be an acceptable solution to the trust, please advise.			LoR/ Trust	14/01/11	09/03/11	AT M&E workshop on 9/03/11 Trust (PR) indicated that power poles would be an acceptabel solution.	Closed		
04	62	1:50 Standard Rooms	Room S062 (Multi-bed room with hoists)	Room SO62 includes hoists within the room title, however there are no hoists included within the room schedule. Consequently we have not included electrical supplies within the room.			MTS/ Trust	14/01/11	09/03/11	Hosits removed at second trust review On 26/1/11	Closed		
04	63	1:50 Standard Rooms	Rooms S044/S135/S136 (Pantries)	The trust have requested pass through dishwashers rather than underbenc type. It is assumed that these will be specified complete with electrical boost heaters and will be suitable for connection to the normal domestic hot water supply @ 55deg C max. It is also assumed that these will be provided with extract canopies as part of the building ventilation system.			MTS/ Trust	08/06/11	09/06/11	Trust to confirm that dishwashers will be purchased complete with electric boost heaters and water softners - TRUST AGREED 9/6/11	Closed		
04	64	1:50 Standard Rooms	Rooms S044/S135/S136 (Pantries)	A 20 amp TPN isolator will be provided for the pass through dishwashers in pantries S044, S135 and S136 based on information received from he trust. The original switch fuse connection unit and un-switched single socket will be omitted			MTS/ Trust	08/06/11	09/06/11	Trust to confirm that this assumption is correct - TRUST AGREED 9/6/11	Closed		
04	65	1:50 Standard Rooms	Rooms S044/S135/S136 (Pantries)	In pantries S033, S135 and S136 the 30 amp TPN switched socket outlet has been omitted on revision F03. We had previously assumed these were for re-heat food trolleys. Confirmation is required that these are not required			MTS/ Trust	08/06/11	09/06/11	Trust to confirm that this assumption is correct - 13 amp only TRUST AGREED 9/6/11	Closed		
04	66	1:50 Standard Rooms	Room S014 (Acessible WC)	It is assumed that electrical power and data supplies are not required for sanitary towel vending machines (S014).			MTS/ Trust	08/06/11	09/06/11	Trust to confirm that this assumption is correct - TRUST AGREED 9/6/11	Closed		
04	67	1:50 Standard Rooms	S154/S153/S152/S151/S150/S149/S148/S099/S098/S029 (Rest rooms with beverage)	LCD televisions have been added to the room layouts in revision F03. A single socket and double voice/ data outlet has been included for this by others. Please advise if this should be changed for a single data outlet as 2 seem un-necessary. See also item 40.			MTS/ Trust	08/06/11	09/06/11	Trust to confirm - TRUST AGREED single for LCD TV's 9/6/11	Closed		

Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
04	68	Pneumatic Tube System	BDP-ME-SW-SOW-005 Pneumatic Tube System Scopr of Works	It is assumed that the Trust will implement updrading of the existing system to facilitate its extension to serve the 3T'as as described in the report.		24/06/2011	LOR/CS	31/07/11		The scope of works report sets out the case for implementing this upgrade. If the upgrade is not implemented, the impact will be to limit the functionality and capacity of the new system in the 3T's to that of the existing system. Cost information for the proposed upgrade has bee provided to CS. LoR/CS to forward to Trust.		Trust req BDP advise costs of additional units and increased requiremnts - impact assessment needed to support this assumption. Impact assessment awaited by Trust	
04	69	Medical Equipment	MTS-HP-ST1-SH-0100 Appraisla of Trust Supplied Big Ticket Equipment Specs	The Siemens Definition Syngo CT 2008G CT scanner referred to is avaiable in air cooled or direct water cooled variants. It is assumed that the air cooled variant will be selected and direct water cooling will not be provided to the CT rooms	BDPS	22/07/2011	Trust	06/09/11				Trsut (JW) are referring this to the service for comment	24/08/2011
04	70	1:50 Locally repeated and unique rooms	Local Music Systems	It is assumed that this equipment will be provided by the Trust. Where required ceiling speakers will be provided wired to wall mounted connectors	BDPS	09/09/2011	Trust	09/01/2012					
04	71	1:50 Locally repeated and unique rooms	Access Control	It is assumed that access control will be provided as per report BDP-EL-SW-RP-005 and Trust commenst as notted on the RDD schedule	BDPS	09/09/2011	LoR/Trust	09/01/2012					
04	72	1:50 Locally repeated and unique rooms	PA System	It is assumed that a PA system is only to be provided in the Stage 1 Level 1 discharge lounge area and is not required in other areas of the hospital. The system will be linked to the fire alarm for voice evacutaion and will have the ability to provide background music (music equipment to be provided by Trust)	BDPS	09/09/2011	LoR/Trust	09/01/2012					
04	73	1:50 Locally repeated and unique rooms	Operating Theatres L065/U148- UCV Canopies	It is assumed that the canopy "clean" zone will be 2.4mx2.4m	BDPS	09/09/2011	Trust	09/01/2012					
04	74	1:50 Locally repeated and unique rooms	Ventilation of IR Theatres U117/U149/U087/U083	It is assumed that these rooms do not require laminar flow canopies and will be ventilated to "normal" operating theatre standards in accordance with HTM03-01. NB Trust DOP's BSUH-CL-ST1-PO-A01 and BSUH-CL-ST2-PO-A29 do not require laminar flow ventilation in these rooms	BDPS	09/09/2011	BDPA/LoR/Trust	09/01/2012					
04	75	1:50 Locally repeated and unique rooms	Ventilation of Prep rooms L067/U182	It is assumed that these rooms should be categorised as "Lay-up prep" rooms for the purpose of ventilation design in accordance with HTM03-01	BDPS	09/09/2011	Trust	09/01/2012					
04	76	1:50 Locally repeated and unique rooms	Aseptic Area Transfer Hatches Stage 1 Level 2 Radiopharmacy Stage 2 Level 4 Asceptic Suite	It is assumed that where "clean" transfer hatches are required these will be complete with integral HEPA filtered recirculating air systems and not connected to the HVAC system	BDPS	09/09/2011	BDPA/LoR	09/01/2012					
04	77	1:50 Locally repeated and unique rooms	Transfer Grilles	It is assumed that transfer grilles in walls & doors will be provided in accordance with the strategy described in report BDP-ME-SW-RP-0024	BDPS	09/09/2011	BDPA/LoR	09/01/2012					
04	78	Retail and Catering Shell Areas	BDP report BDP-ME-SW-SOW-006	It is assumed that the retail and catering shell areas will be provided with primary services connections as described in report BDP-ME-SW-SOW-006 and subsequently fitted out by the tenant/operator	BDPS	09/09/2011	Trust / LoR	09/01/2012					
04	79	Private Patients	BDP report BDP-ME-SW-SOW-007	It is assumed that the rprivate patients shell area will be provided with primary services / plant space as described in report BDP-ME-SW-SOW-007 and subsequently fitted out by the tenant/operator	BDPS	10/09/2011	Trust / LoR	09/01/2012					

05 - LOR

Outstanding
Imminent
Pending
Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/impact/action/resolution	Closed	Trust Response	Trust Resp By
05	1	Clinical	Single Bedroom – Built In Furniture. Policies - DOP – A07a, A07b, A07d, A07e, A21 & A27.	In terms of the Std Single Bedroom development it is currently the intention to table the loaded arrangement complete with stand alone furniture as a base line. The equipment loading will be as MTS specified eq list presented to the Trust. The following statement is noted within the ward brief (Consistent throughout policies) 'Imaginative solutions are sought for patient furniture including bedside locker, wardrobe, and table for eating etc in bed. Where appropriate built in furniture solutions would be preferred'. As a study we will be developing a single room layout with a 'Built in Furniture' proposal for consideration.	LOR		Trust (GS)	TBC	27/01/11	Built in furniture now not included.	Closed		
05	2	Clinical	Nurse Call WHP B84 – Call Systems	At present the nurse call system has been loaded in accordance with the MTS supplied equipment list and in line with HTM 08-03 (Bedhead services). This does not capture all of the Trust requirements as stated within policy B84. Within the policy there are some very prescriptive requirements that need to be discussed like that of a 'Wireless Nurse call system'. It is best resolved by holding a workshop, prior to or alongside the User Grps, on a system by system basis to provide certainty to the 1:50 process.			Trust (GS)	TBC	26/10/10	Re-work in terms of code allocation and inclusion within drawing & ADB sheets.	Closed		
05	3	Clinical	Cardiac Call	As item above, we will need to review with the same workshop. Within HTM 08-03 the cardiac call is shown as a project option in certain categories like that of the single bedroom, there is reference to the traditional 'Emergency Bell' within the hospital policy however the requirement needs to be confirmed. I.e. Cardiac arrest alarms – On nurse call system or by internal phone / pager system?			Trust (GS)	TBC		Will be reviewed as part of the RDD process	Closed	Trust agrees with the position of cardiac call being reviewed as part of the RDD process	24/08/2011
05	4	Clinical	Provision of Data & Telephony Outlets Policy – It Strategy HIS	The current room loadings include data outlets and individual telephone outlets in line with a traditional approach. It is not known what the Trust's strategy will be and this may change during the course of the design programme.			Trust (PR)	TBC		Now resolved and noted under services (VOIP)	Closed		
05	5	Clinical	PES – (Patient Entertainment System)	The Trust has provided a policy B45 - Patient entertainment however it merely provides information on the current system (Hospedia) and what further services could be utilised. At present on the drgs we have depicted an articulated arm type arrangement with TV on the bed side of the room - ECS015 - Entertainment / Communication System: bedside: adjustable arm . May include socket for patient handset. This has been coded within the Grp 2 (Trust) category.	LOR (JM)		LOR (JM)	18/04/11		We are currently allowing for containment and cabling. Standard room design has concluded as per the assumption. LOR confirm that the policy has been issued. Current service provision is for a single data and power outlet to support the system (as detailed on signed off drawing). Trust to confirm if acceptable.	to be closed		
05	6	1:50 process	Fixed Furniture Vs Standalone Racking	Although an item that can be resolved during the User Grp Consultation it is worth highlighting beforehand. Within sterile stores there is often a requirement to provide standalone racking rather than cupboard type arrangements depending upon the local infection control approach.			Trust (GS)	TBC	27/01/11	Standalone furniture now not incorporated into standard rooms.	Closed		
05	7	Façade	Twinwall construction method for LINAC bunkers	Trust has confirmed that the proposed LINAC bunker construction is acceptable	LOR		Trust (GS)	27/10/10	15/10/10		Closed		
05	8	Façade	Exposed concrete surface	Non structural twin wall is the current solution, but this is only viable if the internal face of the external wall is left as exposed concrete.	LOR		LOR (SC)	17/02/11	09/06/11	Facade study complete. Trust has advised to proceed with the non structural single skin solution for the elevations for planning purposes.	Closed		
05	9	Retaining walls	Tolerances on retaining walls	Tolerances throughout site will need to be as per the WSP table issued 16/7/2010. This will necessitate a review of programme and costs by Expanded.	LOR		LOR (SC)	09/01/12		Retaining wall design is ongoing and will advise the need for the adjusted tolerances. The baseline is as noted in the assumption.			

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05	10	Retaining walls/Service	Stage 2 - car park level to east of main north core	Recessed piling layout confirmed - services connection will need to be designed to suit.	LOR		LOR (SC)	28/02/11		Recess now removed from design	Closed		

06 - Equipment

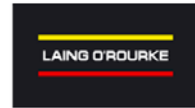
Outstanding
Imminent
Pending
Closed



Date 02/11/2011

Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
06	1	Meeting Rooms AV Requirements	AV requirements against original Trust Policy BSUH-CL-SW-PO-B39 (WHP Management of Shared Meeting Suite)	As per Batch 3 Rd 1 Meeting minutes the AV requirements for the meeting rooms have changed from the requirement within the Trust's original policy. Primarily with the provision of flat screen LCD display screens rather than interactive whiteboards and projectors. Design team moving forward as per discussions within UG. Refer to Meeting minutes:	LOR	20/01/11	Trust (GS)	07/02/11		Trust to confirm future flexibility requirements.		Trust note this will be as per 1:50 sign - off's and the policy will then be updated to reflect this. Policy update is outstanding by Trust. Please keep open until after LR/U 1:50 process	24/08/2011
06	2	Theatres Level 05	Intraoperative MRI Suite	Following a recent meeting in respect of the Big Ticket Equipment (05/05) the Trust commented that Theatre 03 is identified for the future use of a full Intraoperative MRI suite. This provision has not been incorporated within the current design as the brief is unknown.	LOR	27/05/11	Trust (GS)	06/06/11		LOR Assumption stands. If Trust require a fully Intraoperative MRI suite then a full design brief is required. LOR await Trust confirmation and/or brief issue, with instruction.		Full design brief requested. Ref potential funding of a feasibility. CAD drawing requested of Level 5 to assist brief development. May require 3rd party involvement - costs to be agreed. CAD drawing issued - LOR assumption still stands as awaiting instruction from Trust	07/07/2011

07 - Other

Outstanding
Imminent
Pending
Closed



Date 02/11/2011
Sensitivity 7 days

Revisions from previous shown in RED text



Section	Item	Element	Description	Assumption	Raised by	Date Raised	Action	Proposed Action required by	Actual Action complete	Comments/action/resolution	Closed	Trust Response	Trust Resp By
07	1	Acoustic	Test rooms - ENT	The nature of the tests undertaken in each room are noted within the SRL report - see RFI 55.	SRL	24/02/11	Trust	07/03/11	09/06/11	Response received from Trust RE: RFI55. Any further clarification to be advised.	Closed		