

Medical location	Group			Classification	
	0	1	2	≤ 0.5 s	> 0.5 s
1 Massage room	X	X			X
2 Bedrooms		X			X
3 Delivery room		X		X ^a	X
4 ECG, EEG, EHG room		X			X
5 Endoscopic room		X ^a		X	X ^a
6 Examination or treatment room		X ^a		X ^a	X ^a
7 Urology room		X ^a		X ^a	X ^a
8 Radiological diagnostic and therapy room		X	X	X	X
9 Hydrotherapy room		X			X
10 Physiotherapy room		X			X
11 Anaesthetic area			X	X ^a	X
12 Operating theatre			X	X ^a	X
13 Operating preparation room			X	X ^a	X
14 Operating plaster room			X	X ^a	X
15 Operating recovery room			X	X ^a	X
16 Heat catheterization room			X	X ^a	X
17 Intensive care room			X	X ^a	X
18 Angiographic examinations room			X	X ^a	X
19 Haemodialysis room		X			X
20 Magnetic resonance imaging (MRI) room		X	X	X	X
21 Nuclear medicine		X			X
22 Premature baby room			X	X ^a	X
23 Intermediate Care Unit (IMCU)			X	X	X
a Specific luminaires, such as operating or procedure lights, that require a power supply within 0.5 s and life-support medical electrical equipment that requires a power supply within 0.5 s.					
b Not being an operating theatre.					

- NOTES
- THE CLINICAL RISKS A – E AS DEFINED IN HTM 06-01:
A – LIFE SUPPORT/COMPLEX SURGERY
B – COMPLEX TREATMENT AND DIAGNOSTICS
C – GENERAL PATIENT CARE
D – AMBULANT CARE
E – SUPPORT SERVICES AND CIRCULATION
 - RISK GRADE B & C:
THE INTERRUPTION OF ELECTRICAL POWER SHOULD BE LIMITED TO LESS THAN 15 SECONDS TOGETHER WITH OTHER ENGINEERING SERVICES USED IN THE SUPPORT OF THE CLINICAL TREATMENT.
 - RISK GRADE B; CONSIDERATION MAY BE GIVEN TO PROVIDING AN ALTERNATIVE ELECTRICAL SUPPLY.
 - BS 7671-2018; CLASSIFICATION OF A MEDICAL LOCATION IS RELATED TO THE TYPE OF CONTACT BETWEEN APPLIED PARTS AND THE PATIENT, THE THREAT TO SAFETY OF THE PATIENT DUE TO A DISCONTINUITY (FAILURE) OF THE ELECTRICAL SUPPLY AS WELL AS THE PURPOSE FOR WHICH THE LOCATION IS USED.
 - BS 7671-2018; IN A GROUP 1 MEDICAL LOCATION, A MINIMUM OF ONE SUPPLEMENTARY EQUIPOTENTIAL BONDING CONNECTION POINT PER PATIENT LOCATION IS RECOMMENDED. IN A GROUP 2 MEDICAL LOCATION, A MINIMUM NUMBER OF FOUR SUPPLEMENTARY EQUIPOTENTIAL BONDING CONNECTION POINTS BUT NOT LESS THAN 25% OF THE TOTAL NUMBER OF INDIVIDUAL MEDICAL IT SOCKET-OUTLETS PROVIDED PER PATIENT LOCATION IS RECOMMENDED.

DO NOT SCALE

NOTES

IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RESPONSIBILITY OF THE CLIENT TO PRINT THE DOCUMENT TO THE CORRECT SCALE.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE IT IS RECOMMENDED THAT INFORMATION IS NOT SCALED OFF THIS DRAWING.

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS FORMING THE EXTENT OF THIS WORK PACKAGE.

CROSS REFERENCE SHOULD BE MADE TO ARCHITECTS & STRUCTURAL ENGINEERING DRAWINGS WHERE APPLICABLE.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTS FIRE STRATEGY DRAWING FOR COMPARTMENTATION WHERE APPLICABLE.

LEGEND



RISK GRADE E



RISK GRADE D



RISK GRADE C



RISK GRADE B



RISK GRADE A



GROUP 1 MEDICAL LOCATION



GROUP 2 MEDICAL LOCATION



TYPE 1 EQUIPOTENTIAL BONDING BAR SURFACE FIXED WITH BOXING TO CONCEAL CABLES FOR SINGLE BEDS



TYPE 1 EQUIPOTENTIAL BONDING BAR SURFACE FIXED WITH BOXING TO CONCEAL CABLES FOR MULTI BEDS

FOI	MAY 24	ISSUED FOR COMMENTS	FB
REV	DATE	DESCRIPTION	ISSUED BY

Drawing Status	ISSUED FOR STAGE 2	S2
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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

READERS OF THIS DRAWING:
ALL EFFORTS HAVE BEEN TAKEN BY DSSR TO DESIGN OUT SIGNIFICANT HAZARDS WITHIN THE DESIGN RISK ASSESSMENT PROCESS. IT IS OUR OPINION THAT THE HAZARDS DETAILED BELOW CANNOT BE DESIGNED OUT BY US GIVEN THE CONSTRAINTS OF THE BRIEF AND ARE HIGHLIGHTED SO THAT OTHER MEANS CAN BE DEVELOPED TO MITIGATE THE RESIDUAL RISKS IDENTIFIED.

IT IS ASSUMED THAT A COMPETENT M&E CONTRACTOR OR USER WILL BE AWARE OF THE STANDARD FORESEEABLE RISKS ASSOCIATED WITH WORKING WITH THE TYPE OF SERVICES DETAILED WITHIN THE DRAWING.

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PROJECT:
Royal Berkshire Hospital
NHS Foundation Trust
Royal Berkshire Hospital Urology

TITLE:
CLINICAL RISK STRATEGY
LEVEL 00

Drawn By	FB	Checked By	BH	DSSR Ref	M3364
Date	MAY 24	Rev	AO	Scale & Unit	1:50
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