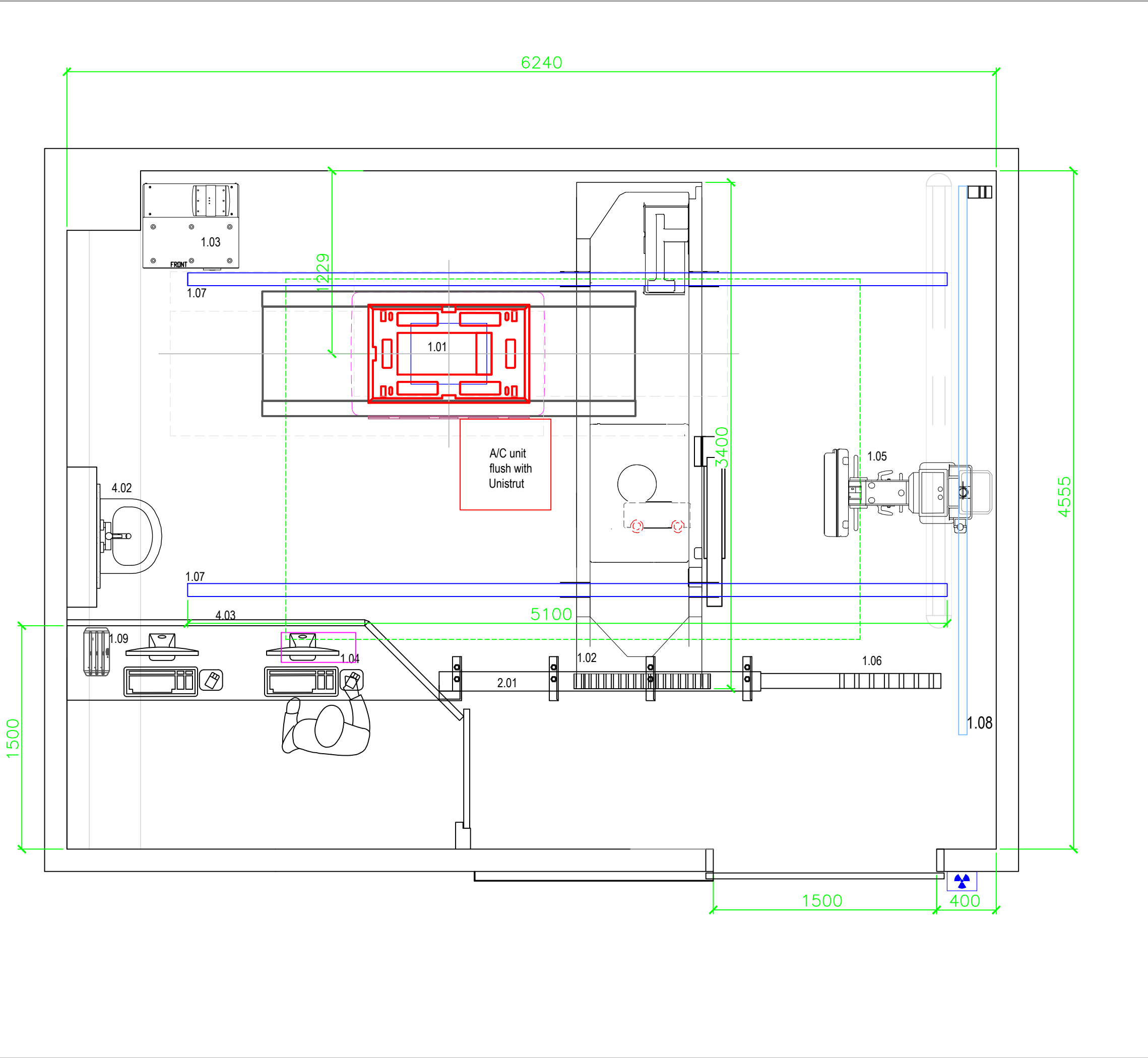




Item No.	Supplied & Installed by Medray	Weight Kg	Length mm	Width mm	Height mm
1.01	DRX Evolution table, 4x M12x125 resin anchors	251	2400	838	530-860
1.02	DRX Evolution Transverse Bridge	324	3400		
1.03	DRX Evolution Generator	267	645	577	1210
1.04	Operator Console including Windows Based Computer				
1.05	Evolution Wall Stand	261			
1.06	DRX Evolution Maximum area of Tube coverage				
1.07	Longitudinal Rails x 2 (Min 75mm clearance from end wall)	137	5100	89	100
1.08	Evolution Wall Stand Ceiling rail		3400		
	Evolution Wall Stand floor rail		2900		
1.09	Detector battery charger				

Supplied & installed by others					
4.02	Wash Hand Basin				
4.03	X-Ray Protection Screen around Control Console				

Medray will have no responsibility for the use of this document other than the purpose it was issued for. Dimensions to be checked on site by installation team and equipment stops to be set appropriately for installation.

Access requirements
Minimum corridor width 1540mm when crated.
Minimum access doorway dimensions 2140mm high x 1200mm wide when crated.
Minimum lift dimensions: Door opening 1110mm, depth 2340mm, width 1520mm.

Customer to confirm network and PACS details along with network administrator contact details prior to installation being confirmed. Medray also requires Remote Access (RMS) to the DRX Evolution. This may be achieved via the Carestream SmartLink system.

Ambient Temperature: 18 - 30°C
Relative Humidity: 30 - 65% Non-condensing
Maximum Gradient: 5°C per hour

Single detector system
Standby power consumption 489W
Peak power during exposure (0.1 seconds) 71kW
Total energy consumption over 8 hours, 200 exposures4.39kWh

Dual detector system
Standby power consumption 566W
Peak power during exposure (0.1 seconds) 71.1kW
Total energy consumption over 8 hours, 200 exposures5.01kWh

RPA & Layout Approval

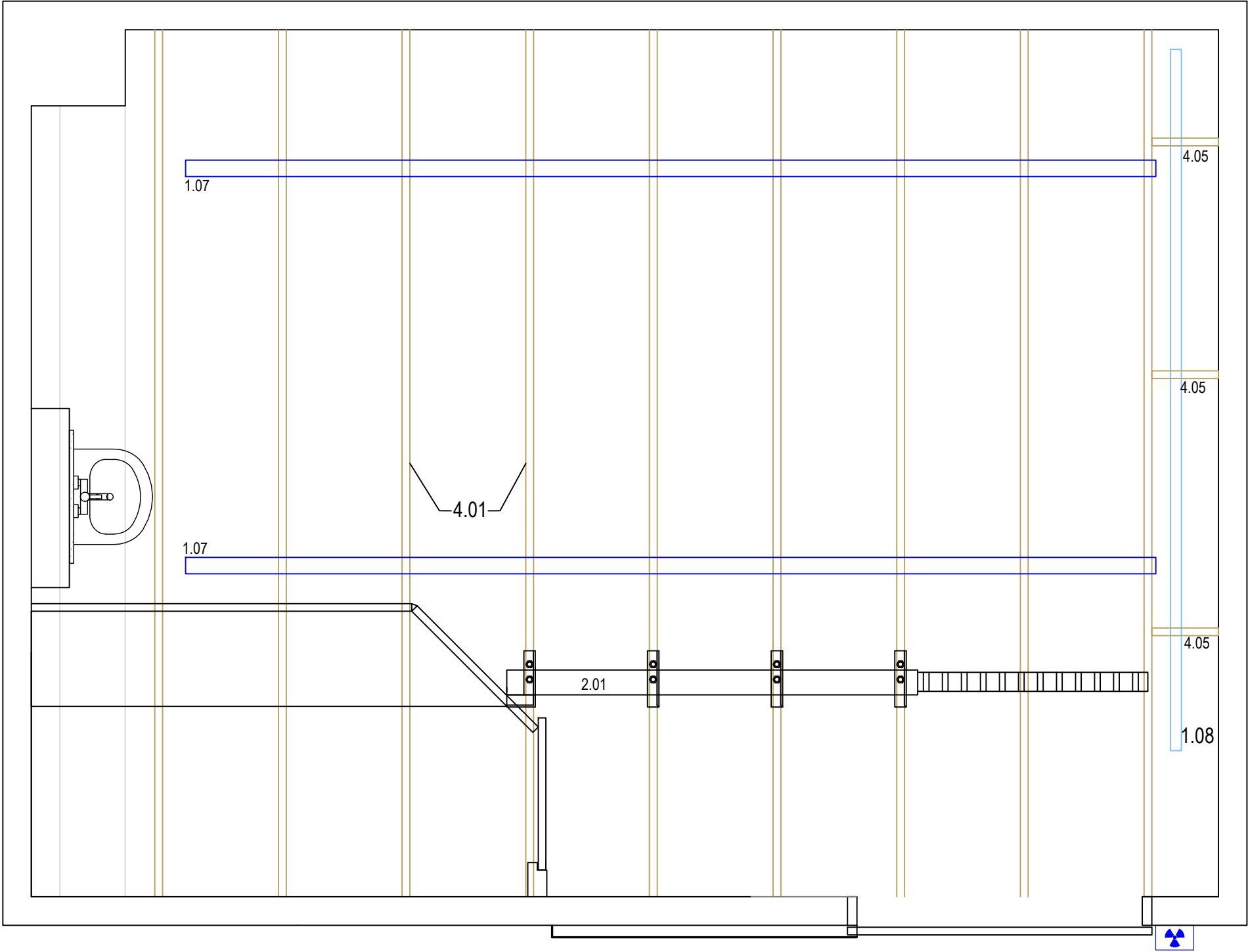
Name (Please Print) :

Signature: Date:

CUH Room 4D Evo_E	Date: 16/06/2026
DRX Evolution System, Page 1 of 5,	Scale: 1:25 @ A3
Equipment layout	Drawn by: SE

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Hemel Hempstead HP2 7SJ



Item No.	Supplied & Installed by Medray
1.07	Longitudinal Rails x 2 (Min 75mm clearance from end wall)
1.08	Wall Stand Ceiling Rail
2.01	IGUS chain cable management system

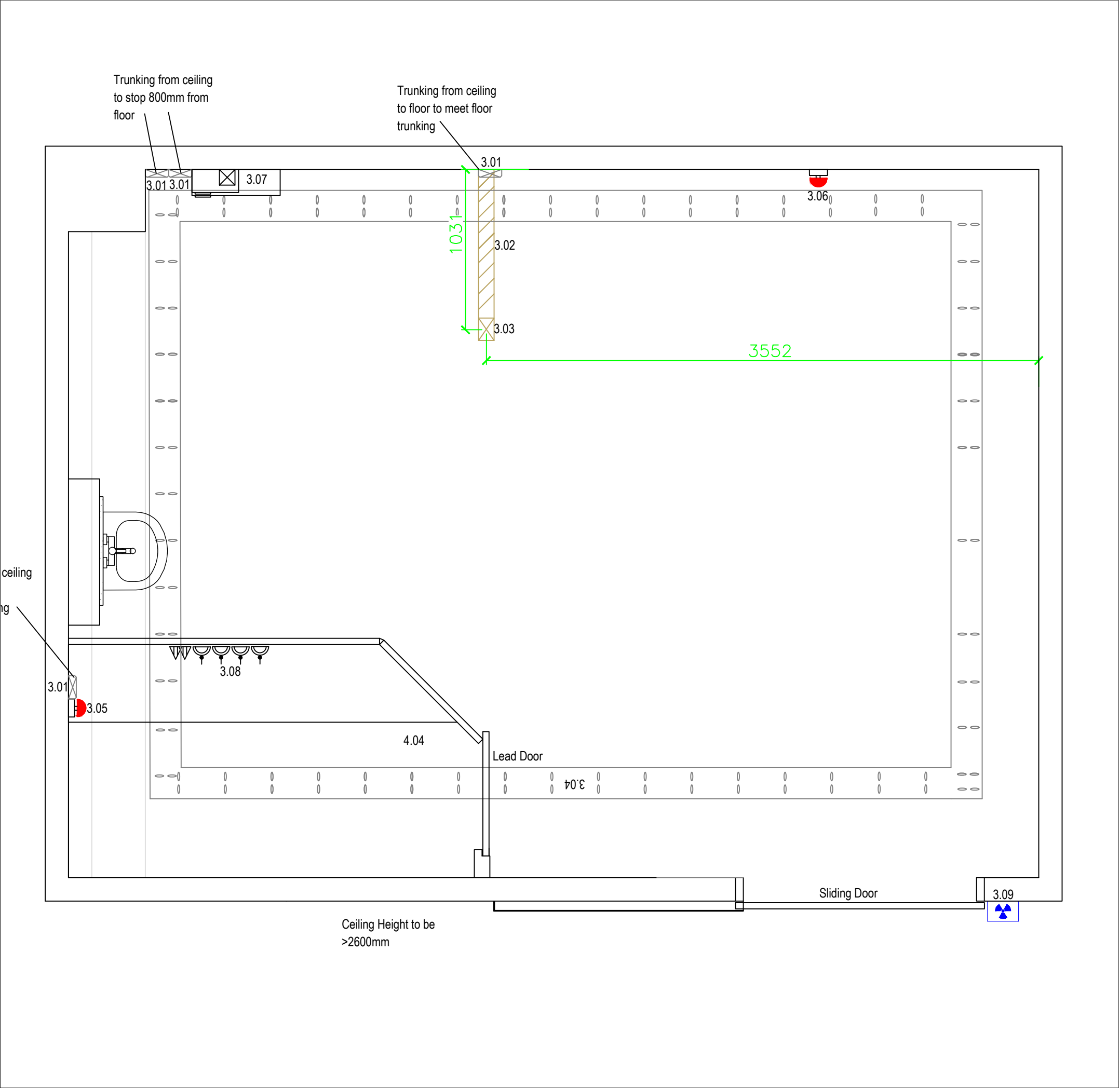
Supplied & installed by Others	
4.01	Unistrut Ceiling (Profiles P1001) installed at 650mm centres. Lighting and all other fittings to be planned around rail positions and tube coverage. Customers structural engineer to confirm ceiling will support 494kg equipment load.
4.05	Additional Unistrut flush with other unistrut

NOTE: Nothing is to protrude below the unistrut ceiling.

Unistrut Steelwork must be perfectly level. Must be able to support 494kg moving load at any point on the grid with minimal deflection. Ceiling height to be 2700mm - 3000mm (Optimum height 2800mm) to the underside of the unistrut. Lower ceiling heights may be accommodated if the customer is made aware of limitations with the system.

System will work with lower ceiling height but with restrictions.

Structural report must be available prior to installation of the system.



Item No.	Supplied & Installed by Others
3.01	Wall Trunking for Cables, vertical trunking and horizontal trunking behind the Lead Screen to be 150 x 50mm.
3.02	Under Floor cable tray to take cables to floating table, Minimum Size 50mm x 100mm, cable pull wires to be left with a minimum of 1 metre at each end, Wall Trunking required from floor to ceiling
3.03	70mm bore hole to accommodate cable entry to table
3.04	Cable tray above ceiling, minimum width 200mm, installed to link all locations. Cable entry points into ceiling space to meet with ceiling tray.
3.05	Emergency "OFF" Button with remote On/Off and Indicator
3.06	Emergency "OFF" Button
3.07	Mains Contactor Box 80A X-ray Isolator, Equipotential Bonding Busbar. Installed at 1300mm from FFL. 3C + E multistranded cable to be run from panel to Generator with 3m tails, termination by others
3.08	2x RJ45 data points, 4x 230VAC 13A switched socket outlets to be allocated for use by Carestream equipment
4.04	Work surface to accommodate keyboard, monitor and mouse Shelf below work surface to accommodate PC, min 300mm deep

NOTE 1

Contractor to supply and install 3C + E cable between 80A Isolator and the area behind the Generator & PDU, 3m cable to be left, terminations by others

NOTE 2

Floor construction to be confirmed if adequate for floor fixings as per CSH site specs

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Access requirements

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Minimum access doorway dimensions 2140mm high x 1200mm wide when crated.

Minimum lift dimensions: Door opening 1110mm, depth 2340mm, width 1520mm.

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Ambient Temperature: 18 - 30°C

Relative Humidity: 30 - 65% Non-condensing

Maximum Gradient: 5°C per hour

Single detector system	
Standby power consumption	489W
Peak power during exposure (0.1 seconds)	71kW
Total energy consumption over 8 hours, 200 exposures	4.39kWh
Dual detector system	
Standby power consumption	566W
Peak power during exposure (0.1 seconds)	71.1kW
Total energy consumption over 8 hours, 200 exposures	5.01kWh

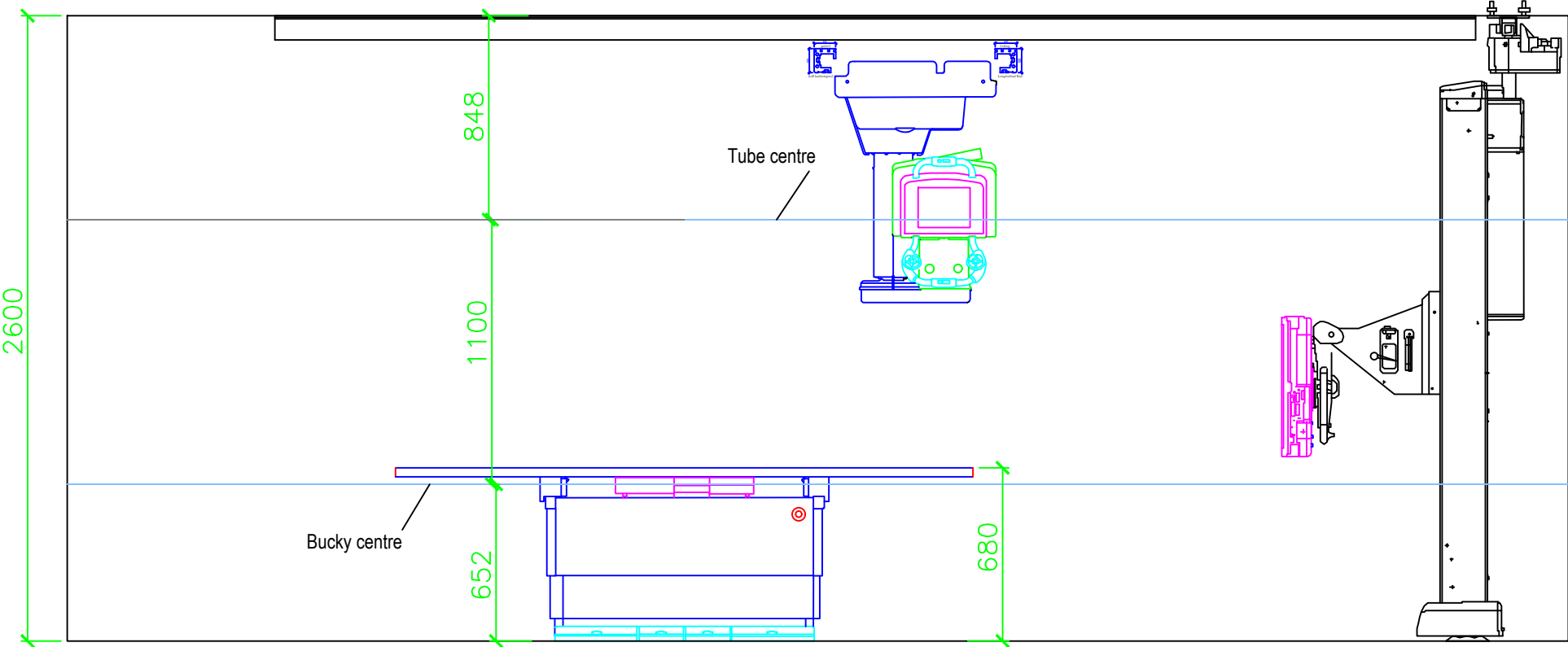
CUH Room 4D Evo_E	Date: 16/06/2026
DRX Evolution System, Page 3 of 5,	Scale: 1:25 @ A3
Service Requirements	Drawn by: SE

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@Ceiling Height 2600mm Max SID available is 125cm. To achieve 110cm SID the table must be 68cm high instead of the usual working height of 75 - 80cm

Item No.	Supplied & Installed by Medray	Weight Kg	Length mm	Width mm	Height mm
1.01	DRX Evolution table, 4x M12x125 resin anchors	251	2400	838	530-860
1.02	DRX Evolution Transverse Bridge	324	3600		
1.03	DRX Evolution Generator	267	645	577	1210
1.04	Operator Console including Windows Based Computer				
1.05	Evolution Wall Stand	261			
1.06	DRX Evolution Maximum area of Tube coverage				
1.07	Longitudinal Rails x 2 (Min 75mm clearance from end wall)	137	5300	89	100
1.08	Evolution Wall Stand Ceiling rail		3700		
	Evolution Wall Stand floor rail		3700		
1.09	Detector battery charger				

Supplied & installed by others

4.02	Wash Hand Basin
4.03	X-Ray Protection Screen around Control Console

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Access requirements
Minimum corridor width 1540mm when crated.
Minimum access doorway dimensions 2140mm high x 1200mm wide when crated.
Minimum lift dimensions: Door opening 1110mm, depth 2340mm, width 1520mm.

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Ambient Temperature: 18 - 30°C
Relative Humidity: 30 - 65% Non-condensing
Maximum Gradient: 5°C per hour

Single detector system
Standby power consumption 489W
Peak power during exposure (0.1 seconds) 71kW
Total energy consumption over 8 hours, 200 exposures4.39kWh

Dual detector system
Standby power consumption 566W
Peak power during exposure (0.1 seconds) 71.1kW
Total energy consumption over 8 hours, 200 exposures5.01kWh

RPA & Layout Approval

Name (Please Print) :

Signature: Date:

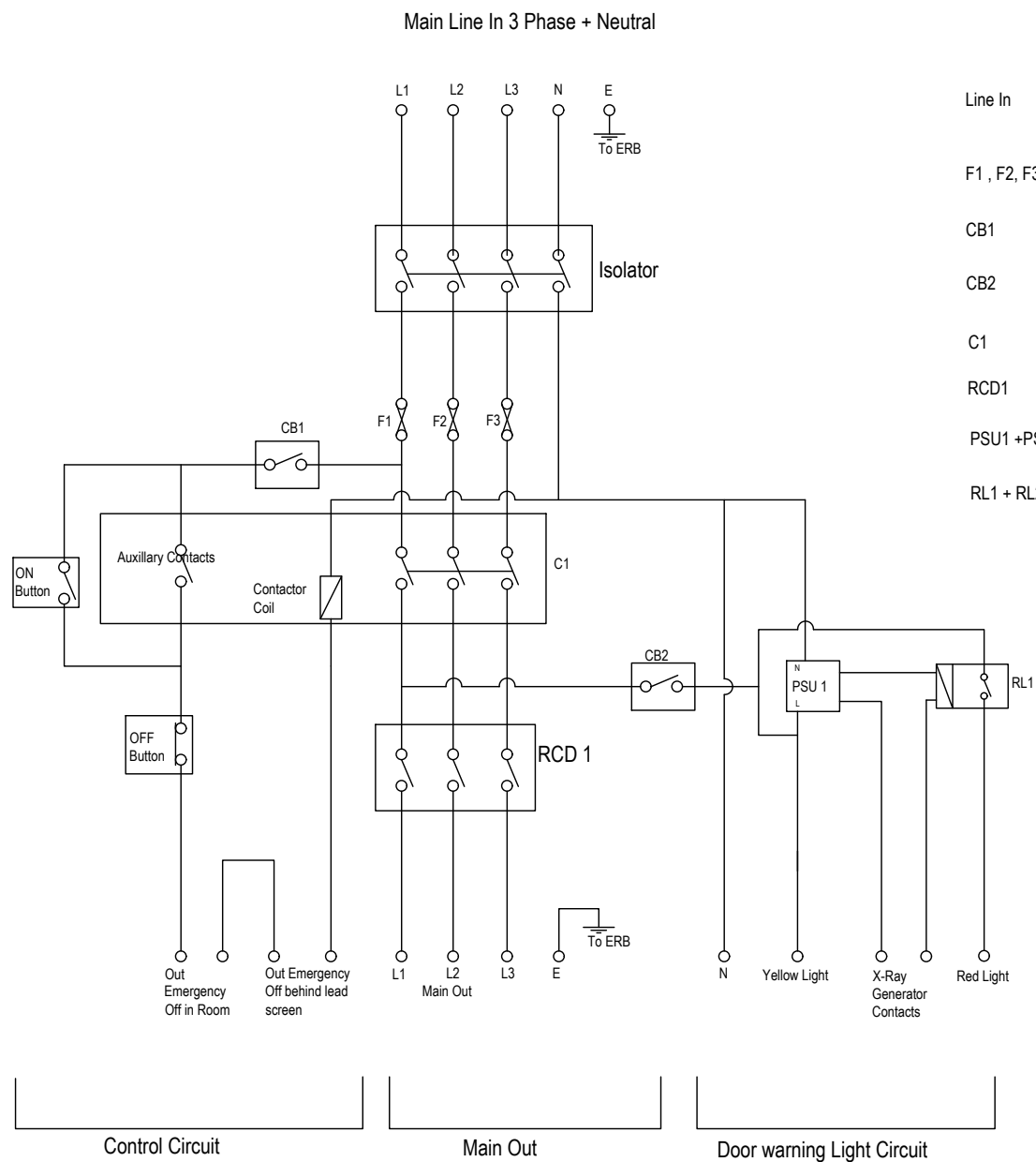
CUH Room 4D Evo_E
DRX Evolution System, Page 4 of 5,
Elevation A

Date: 16/06/2026
Scale: 1:25 @ A3
Drawn by: SE

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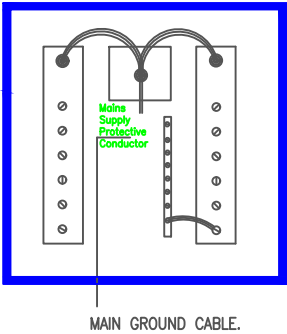


Note: Cable out 25mm with 3m tails. Separate Earth required. All earth/ground to go to ERB. Flexible cable requierd.

Typical Contactor Box Note: not supplied with the system. To be supplied by the contractor / hospital

Typical
Earth Reference Box

EARTH REFERENCE BAR 'ERB'.
SUPPLIED, INSTALLED AND CONNECTED
BY THE ELECTRICAL CONTRACTOR



Earth Reference bar to have sufficient
and various sizes of earth points.

3.07

Item No.	Supplied & Installed by Medray	Weight Kg	Length mm	Width mm	Height mm

Supplied & installed by others					
3.07	Mains Contactor Box and EBB/ERB				

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Minimum corridor width 1540mm when crated.
Minimum access doorway dimensions 2140mm high x 1200mm wide when crated.
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Ambient Temperature: 18 - 30°C
Relative Humidity: 30 - 65% Non-condensing
Maximum Gradient: 5°C per hour

Single detector system
Standby power consumption 489W
Peak power during exposure (0.1 seconds) 71kW
Total energy consumption over 8 hours, 200 exposures4.39kWh

Dual detector system
Standby power consumption 566W
Peak power during exposure (0.1 seconds) 71.1kW
Total energy consumption over 8 hours, 200 exposures5.01kWh

RPA & Layout Approval

Name (Please Print) :

Signature: Date:

CUH Room 4D Evo_E
DRX Evolution System, Page 5 of 5, Typical
Contactor Box

Date: 16/06/2026
Scale: 1:25 @ A3
Drawn by: SE

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