



© Form facing to existing steel beam with either suspended ceiling or white painted 12mm MDF on SW framing.

© Form bulkhead around existing RWP.

© Existing light fittings re-used.

**Demolitions:**  
Existing suspended ceiling, Lobby blockwork wall and doors and vinyl to be carefully removed. Doors to be set aside for re-use.

**Door DS.07:**  
Needle and prop existing wall and enlarge existing single door opening to suit new double door width. Provide new RC lintel over with 150mm end bearing. Provide new 30 min FR SW door frame to match existing bedded on intumescent mastic. Re-use existing single doors DS.07 & 08 to form new pair of doors. Provide new combined intumescent/smoke seal to match existing to leading edge of 1 door. Doors to be fitted with swipe card access by ISIS.

**Window:**  
Needle and prop existing wall and form new nom. 1370 x 690mm window opening. U/S window to be nom. 1370 above FFL. Exact size and location to suit block coursing on site. Provide new 30 min FR SW window frame bedded on intumescent mastic with SW architraves to match doors. To be glazed with 30 min FR safety glazing.

**Ceiling:**  
New "Donn" DX24 600 x 600mm white suspended ceiling grid with white plastic faced plasterboard ceiling tiles. Height above FFL to be 2500mm. Form new raised top hat section of ceiling to suit grid layout. Height above FFL to be 2900mm. See Electrical drgs for ceiling grid layout.

**Floor:**  
New floor to be "Polyflor" SD static dissipative vinyl. Install grounding strips as per manufacturers recommendations connected to earth connection and lay using a manufacturer approved adhesive. Colour to be agreed.

**Decorations:**  
To include NMR Lab 2.02 and wall in Lobby 2.08. Make good all existing finishes as reqd prior to decorating. Walls to receive 2 coats white emulsion to match existing. Existing woodwork to be rubbed down and to receive 1 undercoat and 2 full coats gloss paint to match existing. New woodwork to be KP & S and to receive 1 undercoat and 2 full coats gloss paint to match existing.

Issue	Date	By	Remarks
C	6 2 19	AMS	Ceiling setting out added, raised ceiling revised, facing to steel added and light fittings added.
B	16 10 18	AMS	NMR machine and raised suspended ceiling relocated.

Status: **WORKING DRAWING**



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Title <b>Rutherford Appleton Laboratory Building R55 Second Floor Deuteration Facility Alterations 2.02 NMR Laboratory</b>			
Building	R55	Job No.	17004
Disc	B		
Drawn	AMS	Chkd	
Date	27-8-18	Appd	
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